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VOLUME 2 of 3

RESULTS OF AN INVESTIGATION TO VERIFY SHUTTLE ORBITER AERO-CHARACTERISTICS AND EXAMINE TRANSONIC BLOCKAGE AND SHOCK REFLECTION EFFECTS UTILIZING AN .05-SCALE HI-FIDELITY REMOTE CONTROL MODEL (39-0) IN THE LANGLEY RESEARCH CENTER 16-FOOT TRANSONIC WIND TUNNEL (OA270A)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

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Data Management SERVICES

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

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by

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Prepared under NASA Contract Number NAS9-13247

by

Data Management Services
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New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	LARC 16TT 326
NASA Series Number:	OA270A
Model Number:	39-0
Test Dates:	May 15, 1978 through June 9, 1978
Occupancy:	320 Hours

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RESULTS OF AN INVESTIGATION TO VERIFY SHUTTLE ORBITER AERO-CHARACTERISTICS AND EXAMINE TRANSONIC BLOCKAGE AND SHOCK REFLECTION EFFECTS UTILIZING AN .05-SCALE HI-FIDELITY REMOTE CONTROL MODEL (39-0) IN THE LANGLEY RESEARCH CENTER 16-FT. TRANSONIC WIND TUNNEL 0A27OA

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ABSTRACT

This report documents the data obtained during wind tunnel test 0A27OA, a transonic verification test program run in the Langley Research Center 16-ft. transonic wind tunnel using a 5 percent scale hi-fidelity remote control model of the space shuttle orbiter.

The basic objectives of this program were to verify:

1. Longitudinal and lateral/directional force and moment characteristics
2. Control surface effectiveness and hinge moments
3. Examine the effect of tunnel blockage and shock reflections on the above characteristics

Testing was conducted over a Mach number range 0.6 to 1.3 with Reynolds numbers variations between 3.1 and 3.7 x 10^6 per foot. The test program included investigations to evaluate tunnel flow angularity and blockage. Mach ramps were run to help establish data validity near Mach 1.0, to compare with .02-scale model Mach ramp data 0A27OB/C and previously measured .05-scale data in the Ames 11-ft. transonic tunnel.

Control surface hinge moments were obtained from the integration of measured pressure data on all control surfaces.

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INTRODUCTION

An experimental investigation was performed to determine aerodynamic stability and control characteristics and control surface hinge moments on the OV102 configuration. The test article was an 0.05-scale representation of the SSV orbiter configuration (model 39-0). Tests were performed in the NASA/LaRC 16-ft. transonic wind tunnel. Nominal test conditions are given in Table I.

Six-component force data were measured on the complete model using the Rockwell International 4-inch Task MKVIA balance, sting mounted through the rear of the model. The model had a total of 234 pressure taps located as shown in Figures 2c through 2h. Control surface pressures were measured on the left hand elevon panels, the body flap and speed brake. These pressures were also integrated to obtain control surface hinge moments.

With the tunnel flowing, data were recorded through an angle-of-attack range from 0° to 20° and at angles-of-sideslip of 0° and 2°.

Control surfaces remotely actuated from the control room were: all four elevon panels, the body flap, and the rudder. Speed brake deflections were set manually using a pin indexing system on the rudder shaft.

The report consists of 3 volumes: 1 volume of plotted force data; 1 volume of plotted force data, plotted pressure data, and tabulated force data; and 1 volume of tabulated pressure data on microfiche. The volumes are arranged in the following manner:

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2	OA270A Plotted Force Data Plotted Pressure Data Tabulated Force Data	
3	OA270A Tabulated Pressure Data	
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NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
a		speed of sound; m/sec, ft/sec
A_{B_K}		fuselage base area assigned to pressure tap K, ft.^{2}
A_C		fuselage base sting cavity area, ft.^{2}
A_i		upper control surface area assigned to pressure tap i, in.^{2}
A_j		lower control surface area assigned to pressure tap j, in.^{2}
A_m		speed brake outer surface area assigned to pressure tap m, in.^{2}
A_n		speed brake inner surface area assigned to pressure tap n, in.^{2}
b_w		wind reference span, in. - used to nondimensionalize yawing and rolling moments
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b-p_\infty)/qS$
C_{AC}	CAC	sting cavity axial force coefficient - sting cavity pressure is adjusted to an average base pressure
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_{AU}		axial force coefficient, unadjusted
c_{BF}		body flap reference chord length, in.
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; $C_D - C_{D_b}$

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
c_E		elevon reference chord length, in.
c_{FD}		flipper door reference chord length, in.
$C_{h_{BF}}$	CHBF	body flap hinge moment coefficient
$C_{h_{EI}}$	CHEI	inboard elevon hinge moment coefficient
$C_{h_{EO}}$	CHEO	outboard elevon hinge moment coefficient
$C_{h_{FDI}}$	CHFDI	inboard flipper door hinge moment coefficient
$C_{h_{FDO}}$	CHFDO	outboard flipper door hinge moment coefficient
$C_{h_{SB}}$	CHSB	speed brake hinge moment coefficient
C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_ℓ	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
C_m	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
c_W		wing reference MAC, in.
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
DA	AILRON	aileron deflection - positive when L.H. elevon is more trailing edge down than R.H. elevon, degrees
D_{BF}	BDFLAP	body flap deflection - positive trailing edge down, degrees

SYMBOL	MNEMONIC	DEFINITION
D_E	ELEVON	elevon deflection, average of the four individual panel deflections - positive trailing edge down, degrees
DELI,O	ELV-IB ELV-OB	inboard and outboard L.H. elevon deflections, degrees
DELL		differential elevon setting, left side, outboard-inboard, degrees
DELR		differential elevon setting, right side, outboard-inboard, degrees
DERI,O	ELV-RI ELV-RO	inboard and outboard R.H. elevon deflections, degrees
DR	RUDDER	rudder deflection in a water plane - positive trailing edge left, degrees
DRHL	DRHL	rudder deflection normal to the hinge line - positive trailing edge left, degrees
DSB	SPDBRK	speed brake deflection - angle between the inside faces of the left and right panels, always positive, degrees
H_{mBF}		body flap hinge moment, in-lbs
H_{mEI}		inboard elevon hinge moment, in-lbs
H_{mEO}		outboard elevon hinge moment, in-lbs
H_{MFDI}		inboard flipper door hinge moment, in.lbs
H_{MFDO}		outboard flipper door hinge moment, in.lbs
H_{MSB}		speed brake hinge moment, in-lbs
lB	LREF	orbiter body reference length, in.
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}
M	MACH	Mach number; V/a

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
p		pressure; N/m^2, psf
$P_{i,j,m,n}$		control surface static pressure corresponding to tap i, j, m or n, psfa
P_o		freestream static pressure psfa
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
S_{BF}		body flap reference area, $in.^2$
S_E		elevon reference area, $in.^2$
S_{FD}		flipper door reference area, $in.^2$
S_{SB}		speed brake reference area, $in.^2$
S_w	SREF	wing reference area, $ft.^2$
V		velocity; m/sec, ft/sec
X_{CG}		distance from orbiter nose (IML) to model moment reference center, in.
X_{CP}	XCP/L	model center of pressure location in the normal force direction, relative to the model nose (IML), in.
$X_{i,j,m,n}$		transfer distance from static pressure tap i, j, m or n to the corresponding control surface hinge line, in.
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, $slugs/ft^3$

NOMENCLATURE (Concluded)

SYMBOL	MNEMONIC	DEFINITION
$\Delta C_y/\Delta\beta$	DCY/DB	side-force derivative with respect to beta
$\Delta C_\ell/\Delta\beta$	DCBLDB	rolling-moment derivative with respect to beta
$\Delta C_\eta/\Delta\beta$	DCYNDB	yawing-moment derivative with respect to beta
$\Delta C_y/\Delta_{\delta a}$	DCY/DA	side-force derivative with respect to aileron deflection
$\Delta C_\ell/\Delta_{\delta a}$	DCBLDA	rolling-moment derivative with respect to aileron deflection
$\Delta C_\eta/\Delta_{\delta a}$	DCYNDA	yawing-moment derivative with respect to aileron deflection
$\Delta C_y/\Delta_{\delta r}$	DCY/DR	side-force derivative with respect to rudder deflection
$\Delta C_\ell/\Delta_{\delta r}$	DCBLDR	rolling-moment derivative with respect to rudder deflection
$\Delta C_\eta/\Delta_{\delta r}$	DCYNDR	yawing-moment derivative with respect to rudder deflection
$\Delta_{\delta a}$	DAILRN	incremental aileron deflection between two datasets
$\Delta_{\delta r}$	DRUDDR	incremental rudder deflection between two datasets
X_{BF}/C_B	XBF/CB	chordwise distance aft of body flap hinge line as a fraction of body flap chord
X_e/C_e	XE/CE	chordwise distance aft of elevon hinge line as a fraction of local elevon chord
X_F/C_F	XF/CF	chordwise distance aft of flipper door hinge line as a fraction of local flipper door chord
X_R/C_R	XR/CR	chordwise distance aft of rudder hinge line as a fraction of local rudder chord
η_{BF}	YBF/BB	spanwise distance from body flap left edge as a fraction of body flap span at hinge line

NOMENCLATURE (Concluded)

SYMBOL	MNEMONIC	DEFINITION
η_W	ZY/BW	distance from plane of symmetry as a fraction of wing semi-span
η_R	2R/BR	spanwise distance from rudder bottom edge as a fraction of rudder span on hinge line
C_{PBi}	CPB1→10	base pressure coefficients 1 through 10
C_{Pc}	CPC	cavity pressure coefficient
$\overline{C}$	CW	wing reference mean aerodynamic chord, in.

REMARKS

The 0A270 test program was originally planned as a two part test program to compare transonic blockage effects on two different size models. Stability and control data and hinge moments were to be compared using a .05-scale model (39-0) 0A270A, with data from a .02-scale model (104-0) 0A270B. However, during the pretest calibrations it was discovered that the elevon hinge moment beams of the model (104-0) were more flexible than first anticipated. In order not to apply flexibility corrections to the force data of 0A270B, a third model (105-0) was brought into the test program on which to perform the rigid model stability and control tests. All three models are hi-fidelity models built to the identical 14414.1C/C trajectory numerical control lines. Model 104-0 then became the hinge moment model and test 0A270C was run to measure the hinge moment data for comparison with the .05-scale model data. Extensive elevon calibrations were performed prior to testing to obtain the elevon deflection characteristics, and the final test data were corrected for deflection under load and gauge temperature compensation. In order to make the hinge moment comparisons meaningful the .05-scale model elevons had to be set to the 104-0 model deflection, as deflected under load. This became a tedious procedure, and would have been impossible had the 39-0 model not been a remote control model. All four elevon deflections had to be set for every test point for all alpha sweeps and Mach ramps.

Various scanivalve anomalies during the 0A270A program necessitated rerunning several configurations to insure a reliable set of hinge moment

data. To this end LaRC personnel have reviewed the various sets of repeat pressure data and have determined that the pressure data for Runs 1 through 50 are questionable or invalid. On Runs 51 through 60 and 65 through 76 the pressure data for scanivalves 8 through 10 are invalid. Runs 61 through 64 and 77 through 83 pressure data for all scanivalves are invalid. The remainder of the pressure data through Run 110 are good. After Run 110 the scanivalves were disconnected for the remainder of the test program. Only base pressures measured on individual transducers located in the tunnel strut were recorded after Run 110.

Individual pressure taps that were plugged or reading bad for some reason were flagged in the final data and appear as -999 in the final tab data listings.

Aerodynamic coefficient data presented between freestream Mach numbers of about 0.98 and 1.07 may be suspect. Measured aerodynamic characteristics are affected by tunnel wall blockage and/or reflected shock waves. Therefore, data in this Mach range should be used with caution for diagnostic analysis only.

CONFIGURATIONS INVESTIGATED

The test article (provided by Rockwell) was an 0.05-scale model 39-0 defined by VC70-000002B configuration control drawing and was fabricated to the March 15, 1976 trajectory 14414.1C/C Numerical Control Lines.

The model was constructed primarily of 6061-T6 aluminum alloy and Armco 17-4 stainless steel. The balance block, wing panels and elevons, vertical tail and speed brakes, and body flap are the principal steel components. The fuselage is all aluminum.

The model was tested in the above fixed configuration. Boundary layer trips defined below were employed for all testing. The only configuration variables were model orientation and control surface deflection. The following range of control surface deflections were tested and controlled remotely from the control room: Elevon deflections of -20° to $+20^{\circ}$, body flap deflections of 0 and rudder deflections from -5 to +5. Speed brake deflections of 25° and 55° were set manually.

The following nomenclature was used to designate the model components:

Component	Definition
B_{75}	OV102 fuselage including T-zero umbilical panels, crew hatch, and cargo bay door gaps.
C_{16}	Canopy including recessed windshields and observation windows.
E_{64}	Elevons, including elevon/elevon and elevon/fuselage gaps.
F_{16}	Body flap.

CONFIGURATIONS INVESTIGATED (Continued)

Component	Definition
FD_3	Flipper doors.
FR_{22}	Fairings for the forward cargo bay door hinges, 6 per side.
HG_1	Cargo bay door hinges, 13 per side.
M_{52}	OMS pods.
N_{108}	Forward RCS thruster nozzle ports.
N_{109}	Main propulsion system nozzles (inner surfaces cut away for sting clearance).
N_{110}	OMS nozzles.
N_{111}	Aft RCS thruster nozzles and ports.
R_{20}	Rudder, split into left and right speed brake panels.
V_{27}	Vertical tail.
VT_{10}	Cargo bay vents, 4 per side.
VT_{11}	Wing/landing gear bay vents, 1 per side.
VT_{12}	Cabin vents, 1 per side.
VT_{13}	Forward RCS vents, 1 per side.
VT_{14}	Aft fuselage vents, 1 per side.
VT_{15}	OMS RCS vents, 1 per side.
VT_{16}	Flipper door vents.
VT_{17}	Miscellaneous vents, ports and penetrations.
W_{131}	OV102 wing.

CONFIGURATIONS INVESTIGATED (Concluded)

TRIP STRIP DEFINITION

Location	Dist. aft L.E. (⊥ to L.E.)	Grit Size	Width
Wing	0.8"	90	.10
Fuselage	2.8"	100	.10
Vertical Tail	.8"	90	.10
OMS pods	2.8"	100	.10

INSTRUMENTATION

The test was conducted with the following model instrumentation:

1. 4.0-inch Task MKVIA, 6-component internal balance.
2. 10 Scanco S-type, 48-port scanivalves for model pressures. 8 individual transducers for sting pressures.
3. 10 wing and 105 elevon static pressure taps.
4. 32 flipper door static pressure taps,
5. 4 aft fuselage and 19 body flap static pressure taps.
6. 5 vertical tail and 46 speed brake static pressure taps.
7. 9 fuselage base and 2 balance cavity static pressure taps.
8. 2 air data probe forward fuselage flush static pressure taps.
9. 8 sting static pressure taps.

Six model control surfaces were remotely actuated. Included were the following instrumentation:

1. Hydraulic actuation systems for the four elevon panels and the body flap.
2. Electric motor actuation system for the rudder.
3. Angular position pots for each of the control surfaces.
4. A model mounted hydraulic supply system, including pump, and servo-control valves.
5. A model control console housing the electrical components of the servo systems.

Force data for the orbiter was measured by a six-component balance, sting mounted through the rear of the model. The primary balance for this test was the Rockwell International 4-inch Task MKVIA and the back-up balance was the Ames 4-inch Task MKIV.

INSTRUMENTATION (Continued)

The model was instrumented with a total of 234 static pressure taps. These pressures were measured by 10 model mounted S-type scanivalves provided by Rockwell International, BCM type position transducers were provided by LaRC.

The sting was instrumented with 8 static pressure taps, 4 each top and bottom spaced every 10" aft of the base. These pressures were measured by 8 individual transducers mounted in the tunnel strut BOR.

All pressure instrumentation electrical leads except position transducer cables were supplied by Rockwell International. LaRC provided reference, calibrate, and backing pressure tubes from their source to the aft end of the model. The routing of all instrumentation leads was internal to the sting, except for the sting static taps.

The locations and tap identification numbers of all orifices are shown in Tables III through VI and Figures 2c through 2h.

Tunnel tank static pressure, measured in the test section plenum, was used as the reference pressure for all scanivalves. Atmosphere was used for calibrate pressure.

The 4 elevon panels and the body flap were remotely controlled using a model mounted hydraulic servo control system. The hydraulic system consisted of a 1 H.P. DC motor, pump and reservoir, Moog Type 30 servovalves, and Oildyne Style A hydraulic cylinders. The electrical components of the servo-system, the operational amplifiers and balancing pots, were contained in a model control console located in the control

room.

The rudder panels were remotely controlled using a Globe planetary gear motor, Type 8L. An electrical servo system for the rudder, utilizing a Moog amplifier, was built into the model control console.

Control surface angular position was read by rotary pots located as closely as possible to each surface hingeline. The pots for the inboard elevon panels and the body flap were 7/8-inch Beckman Helipots, model 6173 single turn, dual element. The pots for the outboard elevons and rudder panels were 1/2-inch Markite Series RM05 pots, also single turn, dual element.

The dual outputs from each pot allowed one output to be utilized as the feedback element in the control servo loop, with the second output being used to set control position and compute surface positions in the data reduction program.

The model control console was operated manually. Unbalancing of the servo to set a given control deflection was accomplished by manually turning the Helipots on the control console. The position of each control surface was read by separate digital voltmeters mounted on the console.

TEST FACILITY DESCRIPTION

The Langley 16-Foot Transonic Tunnel is a single return, atmospheric wind tunnel with an air exchange for cooling. The air exchange tower has adjustable intake and exit valves to provide a small amount of control over the tunnel air temperature. The maximum amount of air exchange is approximately 20%. The tunnel is powered by two counter-rotating fans, 34 feet in diameter, each driven by a 30,000 horsepower electric motor. The fan blades have fixed pitch but their rotational speed can be varied from 0 to 366 rpm by use of a variable frequency power supply to the drive motors.

The test section is 22 feet long with a 15.5 feet wide octagonal cross-section. Each corner of the octagon has a longitudinal slot. The slots terminate at the diffuser entrance. The test section and model support system are enclosed in a cylindrical tank 32 feet in diameter by 52 feet long. Wall divergence angle can be remotely varied from 0° to 0.8°.

Test section freestream conditions vary over the following nominal ranges:

Stagnation pressure	atmospheric
Stagnation temperature, $^{\circ}R$	510 to 650
Unit Reynolds number, million per foot	1.2 to 3.7
Mach number	0.2 to 1.3
Dynamic pressure, psf	58 to 830

TEST FACILITY DESCRIPTION (Concluded)

Models are mounted on a sting support system consisting of a 14-inch diameter cylindrical body (onto which the sting mounts) supported on a vertical strut cantilevered from a circular track under the tunnel floor. The strut rotates to vary model angle-of-attack from -5° through 15° (with a straight sting). The center of rotation is at tunnel station 134 (92.25 inches upstream of the cylindrical body) on the tunnel centerline. This point is at the center of the tunnel window. The strut does not rotate in roll or yaw.

Model forces and moments are measured by balances internally mounted in the model. Force, pressure, and temperature data are recorded on magnetic tape at a remote site using a Beckman 210 system. The system can simultaneously record 99 analog channels of data. Data sampling rate can be varied. An average of multiple samples is normally used for data reduction. Data are reduced using a CDC 6600 series digital computer.

A shadowgraph system, utilizing divergent light from a high pressure mercury lamp is available. The light rays pass through the tunnel flow field onto the opposite tunnel wall, which serves as a screen. The resulting shadow is photographed with a camera utilizing an f2.5 lens at a shutter speed of 1/150 second.

DATA REDUCTION

Model force and moment data was reduced to coefficient form in both body and stability axes systems. Moment data was reduced about a moment reference center corresponding to 65% of the reference body length at W.L. 375. Model angle-of-attack and sideslip were corrected for support hardware deflections and tunnel flow angularity. Angle-of-attack flow angularity was determined from upright and inverted model runs performed during the conduct of the test. Standard facility corrections were applied as required. All model pressure data was reduced to the pressure coefficient form $(P-P_o)/q$.

Six-component body axes data was computed from balance outputs with axial force being adjusted for the differences between the average sting cavity pressure and an average base pressure.

$$C_A = C_{A_U} - C_{A_C}$$

where:

$$C_{A_C} = -(C_{P_{Cavg.}} - C_{P_{Bavg.}}) \frac{(Ac)}{S_w}$$

$$C_{P_{Cavg.}} = \frac{C_{P10} + C_{P11}}{2}$$

$$C_{P_{Bavg.}} = \frac{(C_{P1} + C_{P2} + C_{P5} + C_{P6} + C_{P7} + C_{P8})}{6}$$

Forebody axial force coefficients were computed by adjusting the base pressure to freestream.

$$C_{A_F} = C_A - C_{A_B}$$

where:

$$C_{A_B} = \frac{-1}{SW}\left[\sum_{K=1}^{9} (C_{P_K} A_{B_K}) + C_{P_{Bavg.}} A_C)\right]$$

Center-of-pressure location of the model normal force was computed as a ratio to the reference body length.

$$\frac{X_{C_P}}{lB} = \frac{1}{lB}\left(X_{CG} - \frac{C_m}{C_N}\ \bar{c}\right)$$

Stability axes coefficients C_L and C_D were computed from body axes coefficients C_N and C_A. Model lift-to-drag ratio was then computed from C_L and C_D.

$$L/D = C_L/C_D$$

Model control surface positions from the run schedule were input to the controller manually, i.e., constant or variable values were input depending on the sweep variable for the given run. Table look up values of δ_e, δ_{BF}, and δ_A, based on calibration data, were stored in the data reduction program and employed to determine control surface position from the actual set values of controller voltages input to the ARC instrumentation system.

Model control surface hinge moments (on line data only) were computed by the facility from control surface pressures using an area-moment arm method as detailed below:

$$H_{MEI} = \sum_{I=101}^{124} \left|(P_i)\ (A_i)\ (x_i)\right| - \sum_{J=150}^{173,\ 94,\ 95,\ 198,\ 199} \left|(P_j)\ (A_j)\ (x_j)\right|$$

$$C_{HEI} = \frac{H_{MEI}}{qS_E C_E}$$

$$H_{MEO} = \sum_{i=125}^{149} \left|(P_i)\ (A_i)\ (x_i)\right| - \sum_{J=174}^{197,\ 96\text{-}100} \left|(P_j)\ (A_j)\ (x_j)\right|$$

$$C_{HEO} = \frac{H_{MEO}}{qS_E C_E}$$

Inboard flipper door

$$H_{MFDI} = \sum_{i=201}^{212} \left|(P_i)\ (A_i)\ (x_i)\right| - \sum_{j=225}^{234} \left|(P_j)\ (A_j)\ (x_j)\right|$$

$$Ch_{FDI} = \frac{H_{MFDI}}{qS_{FD} C_F}$$

Outboard flipper door

$$H_{MFDO} = \sum_{i=213}^{224} \left|(P_i)\ (A_i)\ (x_i)\right| - \sum_{j=237}^{246} \left|(P_j)\ (A_j)\ (x_j)\right|$$

$$Ch_{FDO} = \frac{H_{MFDO}}{qS_{FD} C_F}$$

Body flap hinge moments

$$H_{MBF} = \sum_{i=301}^{307} \left|(P_i)\ (A_i)\ (x_i)\right| - \sum_{j=314}^{325} \left|(P_j)\ (A_j)\ (x_j)\right|$$

$$Ch_{BF} = \frac{H_{MBF}}{qS_{BF} C_B}$$

where:

i = upper surface pressure tap numbers

j = lower surface pressure tap numbers

Speed brake hinge moments

$$H_{MSB} = \sum_{m=410}^{436} (P_m)\ (A_m)\ (x_m) - \sum_{n=437}^{454} (P_n)\ (A_n)\ (x_n)$$

$$C_{h_{SB}} = \frac{H_{MSB}}{qS_{SB}C_{SB}}$$

where:

m = outer surface pressure tap numbers

n = inner surface pressure tap numbers

Pressure coefficients judged to be incorrect were deleted and areas reassigned by manual input to the on-line computer program.

Inboard and outboard elevon hinge moments were also calculated by DATAMAN by integration of smoothed pressure coefficient data. These are documented separately as special request SPRT9K.

Reference dimensions and constants used were:

SYMBOL	DESCRIPTION	MODEL SCALE	FULL SCALE
S_w	Wing reference area, ft.^{2}	6.725	2690.
b_w	Wing reference span, in.	46.834	936.68
c_w	Wing reference MAC, in.	23.740	474.81
MRC	Moment Reference Center		
	X, in.	53.834	1076.68
	Y, in.	0.0	0.0
	Z, in.	18.75	375.0

DATA REDUCTION (Concluded)

SYMBOL	DESCRIPTION	MODEL SCALE	FULL SCALE
X_{CG}	Length, nose IML to MRC, in.	41.934	383.68
l_B	Body reference length, in.	64.515	1290.3
S_E	Elevon reference area, in.^{2}	75.60	30240.
c_E	Elevon reference chord, in.	4.535	90.7
S_{FD}	Flipper door reference area, in.^{2}	75.60	30240.
c_F	Flipper door reference chord, in.	4.535	90.7
S_{BF}	Body flap reference area, in.^{2}	48.60	19440.
c_B	Body flap reference chord, in.	4.050	81.0
SSB	Speed brake reference area, in.^{2}	36.05	14421.6
c_{SB}	Speed brake reference chord, in.	3.660	73.2
A_C	Base sting cavity area, ft.^{2}	0.1963	
A_{B1}	Base area, Tap 1, ft.^{2}	0.0587	
A_{B2}	Base area, Tap 2, ft.^{2}	0.0824	
A_{B3}	Base area, Tap 3, ft.^{2}	0.0467	
A_{B4}	Base area, Tap 4, ft.^{2}	0.0553	
A_{B5}	Base area, Tap 5, ft.^{2}	0.0772	
A_{B6}	Base area, Tap 6, ft.^{2}	0.1146	
A_{B7}	Base area, Tap 7, ft.^{2}	0.1798	
A_{B8}	Base area, Tap 8, ft.^{2}	0.0860	
A_{B9}	Base area, Tap 9, ft.^{2}	0.1950	

REFERENCES

1. SD76-SH-0189 "Pretest Information for Test 0A270A of a .05-Scale Model (39-0) of the SSV Orbiter 102 in the NSAS/LaRC 16-Foot Transonic Wind Tunnel," dated February 10, 1978.

2. Report NA76-662, "Structural Analysis for the 0.05-Scale SSV Orbiter Verification Model 39-0."

3. Rockwell Internal Letter SAS/AERO/77-038, "Model Readiness Review Model 39-0," dated December 20, 1976.

TABLE I.

TEST : 0A270A

DATE : June 1978

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE PSF	STAGNATION TEMPERATURE (degrees Fahrenheit)
.60	3.1	420	
.80	3.6	622	
.90	3.7	711	
.95	↓	750	
.98		770	
1.05		815	
1.1		840	
1.2		880	
1.3		910	

BALANCE UTILIZED: 4 INCH TASK MKVIA

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	6000/6000	.5%	*
SF	3000/3000	.5%	
AF	2500	.2%	
PM	16,000	.5%	
RM			
YM			

COMMENTS: Accuracy applies to maximum gauge capacity.

* Coefficient tolerance based on root sum square of FWD and AFT gauges, tolerances quoted are for the range of dynamic pressure tested. See Table VII.

TMS 010

TABLE II. DATA SET/RUN COLLATION SUMMARY

TEST: LARC 16' TWT (ØA270A)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 7-28-78 REV. C

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS/VALUES α	β	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_R	Ø	MACH NUMBERS .6	.8	.9	.95	.98	1.05	1.10	1.20	1.30
RKN001	ORBITER-INVERTED	FC	0	0	0	0	25	0	180	138	137	136	135	134	133	132	131	130
02	ORBITER	Ⓐ		-5					0				73*		67*			54*
03													93•		86•			50▲
04				Y									106•		101•			
05				0								75*	71*	72*	68*	66*	65*	56*
06												97•	94•	92	87•	85•	90•	40■
07												109•	107•	105•	102•	100•	99•	84•
08				Y										91•	60*▲			
09				5									74*		70*			59*
10													96•		89•			
11		Y	Y	Y									108•		104•			
12		Ⓑ	2	-5						154		150	147					140
13				0						155	153	151	148	146	145	144	143	141
14		Y	Y	5						156□		152	149					142
15		Ⓐ	0	-5						55*	64	61	114					111
17		FC		0						42	31*	2•	12•		36	38	34	33▼
Y 18	Y	Ⓐ	Y	0	Y	Y	Y	Y	Y					95•				

TEST RUN NUMBERS

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

COEFFICIENT SCHEDULES SEE PAGE 39 MACH ALPHA 1.0

α or β SCHEDULES

COEFFICIENTS

α Ⓐ = 0, 2.5, 5.0, 8.0, 10.0, 12.0, 15.0° α Ⓑ = 0, 2.5, 5.0, 8.0, 10.0, 12.0°

δ_e Ⓔ = -20, -15, -12.5, -10, -5, -4, -2, -1, 0, 2, 4, 5, 10, 12.5, 15.0°

IDVAR (1) IDVAR (2) NDV

δ_a Ⓕ = -5, -4, -3, -2, -1, 0, 2, 4, 5°

M Ⓜ = .6, .7, .8, .85, .90, .92, .95, .96, .98, 1.00, 1.02, 1.15, 1.20, 1.25, 1.28

• PRESSURE DATA AVAILABLE

* PARTIAL PRESSURE DATA AVAILABLE

▲ α = 0, 2.5, 5.0

■ α = FC

▼ α = 0, .5, 1.0, 1.5°

□ α = 0, 2.5, 5.0, 10

NASA-MSFC-MAF

TABLE II. DATA SET/RUN COLLATION SUMMARY (Continued)

TEST: LARC 16'TWT(ØA270A) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 7-28-78 REV. C

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS/VALUES								MACH NUMBERS								
		α	β	δ_e	δ_a	δ_{BF}	δ_{SR}	δ_R	ø	.6	.8	.9	.95	.98	1.05	1.10	1.20	1.30
RKNO19	ORBITER	Ⓐ	0	0	0	0	25	0	0					113				
20				0							NO DATA							
21				5	↓					57*	63	62	115					112
23				-5	3					46	118							44
25				0						47	119							45
27				5	↓			↓		49	120							48
29				0	0		↓	5		53*	117	116						58*
31							55	0				129	125	124				121
32		↓		↓			55	5				128	126	123				122
33		5		Ⓔ			25	0		51*	110•				103•	39	35	52*
34										43	32*				37			41
35											98•o				88•			
36					↓						76*				69*			
37				↓	3					30	28	26	24	22	20	18	16	14□
38				0	Ⓕ		↓			29	27	25	23	21	19	17		13
39	M=.92						55					127						
↓ 40	↓ M=.92	↓	↓	↓	↓	↓	25	↓	↓			139						

TEST RUN NUMBERS

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

COEFFICIENT SCHEDULES SEE PAGE 39 — MACH — ALPHA — 10

α OR β SCHEDULES

o δ_e = -20, -15, -12.5, -10°

□ δ_e = -20, -15, -12, -10, -5, -4, -2, -1, 0, 2, 4, 5, 10°

COEFFICIENTS

IDVAR 11: ELEVON — NDV

AILRON

NASA-MSFC-MAF

TABLE II. DATA SET/RUN COLLATION SUMMARY (Continued)

TEST: LARC 16' TWT (ϕA270A) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 7-28-78 REV. C

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS/VALUES								α VALUES			TEST RUN NUMBERS
		M	β	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_R	ϕ	0°	5°	10°	
RKN041	ORBITER	(M)	0	0	0	0	25	0	0	4°	7°	11°	
42					3			0			9°		
43					0			5			10°		
44			2					0			300		
45			0	-5							5°		
46				0							6°		
47				5							8°		

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

COEFFICIENT SCHEDULES SEE PAGE 39 — ALPHA MACH — 1 0

α OR β SCHEDULES — COEFFICIENTS — IDVAR (1) — IDVAR (2) — NDV

NASA-MSFC-MAF

TABLE II

FORCE DATA SETS

RKNO$$

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
MACH	ELEVON	ALPHA									
MACH	AILRON	ALPHA									
ALPHA	MACH	BETA									

SKNO$$

CPB1 CPB2 CPB3 CPB4 CPB5 CPB6
CPB7 CPB8 CPB9 CPB10

BAD DATA FLAG - 999.00000

TKNO$$

CA CAB CAC CAF Q(PSI) XCP/L RN/L

UKNO$$

CHEI CHEO CHFDI CHFDO CHBF CHSB

VKNO$$

RUDDER BDFLAP ELV-RO ELV-RI ELV-LI

ELV-LO ELEVON AILRON

$$ = 01→15, 17→19, 21, 23, 25, 27, 29, 31→47

PRESSURE DATA SETS

RKN$XX

XX = 01→15, 17→19, 21, 23, 25, 27, 29, 31→47

Where $ =		1ST GEOMETRY	2ND GEOMETRY
"C"	INBD ELEVON LOWER	XE/CE	2Y/BW
"D"	OUTBD ELEVON LOWER	XE/CE	2Y/BW
"I"	INBD FLIPPER UPPER	2Y/BW	XF/CF
"J"	OTBD FLIPPER UPPER	2Y/BW	XF/CF
"K"	INBD FLIPPER LOWER	2Y/BW	XF/CF
"L"	OTBD FLIPPER LOWER	2Y/BW	XF/CF
"Q"	INBD ELEVON UPPER	2Y/BW	XE/CE
"R"	OTBD ELEVON UPPER	2Y/BW	XE/CE
"S"	BODY FLAP UPPER SURFACE	XBF/CB	YBF/BB
"T"	BODY FLAP LOWER SURFACE	XBF/CB	YBF/BB
"W"	RUDDER LEFT OUTER	ZR/BR	XR/CR
"X"	RUDDER LEFT INNER	ZR/BR	XR/CR
"6"	BASE PRESSURES		

TABLE III. WING AND ELEVON PRESSURE TAP LOCATIONS

Spanwise Location ~ η	Upper Surface XE/CE							
	X_{o}1359.6	-0.100	0.100	0.200	0.400	0.600	0.800	1.000
Inboard Edge					101		102	
0.340	15			103	104	105	106	107
0.427				108	109	110	111	112
0.534	35			113	114	115	116	117
0.615				118	119	120	121	122
Inboard Gap Edge					123		124	
Outboard Gap Edge					125		126	
0.715	55			127	128	129	130	131
0.800					133	134	135	136
0.887	75			137	138	139	140	141
0.960	85			142	143	144	145	146
Outboard Edge					147		148	149
	Lower Surface XE/CE							
Inboard Edge					150		151	
0.340		20	152	153	154	155	156	198
0.427			157	158	159	160	161	199
0.534		40	162	163	164	165	166	94
0.615			167	168	169	170	171	95
Inboard Gap Edge					172		173	
Outboard Gap Edge					174		175	
0.715		60	176	177	178	179	180	96
0.800			181	182	183	184	185	97
0.887		80	186	187	188	189	190	98
0.960		90	191	192	193	194	195	99
Outboard Edge					196		197	100

TABLE IV. FLIPPER DOOR PRESSURE TAP LOCATIONS

SPANWISE LOCATION	UPPER SURFACE XF /CF		
WING	0.10	0.50	0.90
0.340	201	202	203
0.427	204	205	206
0.534	207	208	209
0.615	210	211	212
0.715	213	214	215
0.800	216	217	218
0.887	219	220	221
0.960	222	223	224
Internal Cavity		XF /CF	
0.340		225	
0.427		228	
0.534		231	
0.615		234	
0.715		237	
0.800		240	
0.887		243	
0.960		246	

TABLE V. BODY FLAP PRESSURE TAP LOCATIONS

SPANWISE LOCATION η = y/b at Hingeline	UPPER SURFACE X_{BF}/C_B			
	-0.20	0.20	0.60	1.00
0.10 (L.H. Side)		301	302	303
0.20			304	
0.35				
0.50 (Y_o = 0)		305	306	307
0.80 (R.H. Side)				
	LOWER SURFACE X_{BF}/C_B			
0.10 (L.H. Side)	309	314	315	316
0.20	310	317	318	319
0.35	311	320	321	322
0.50 (Y_o = 0)	312	323	324	325
0.80 (R.H. Side)				

TABLE VI. SPEED BRAKE PRESSURE TAP LOCATIONS

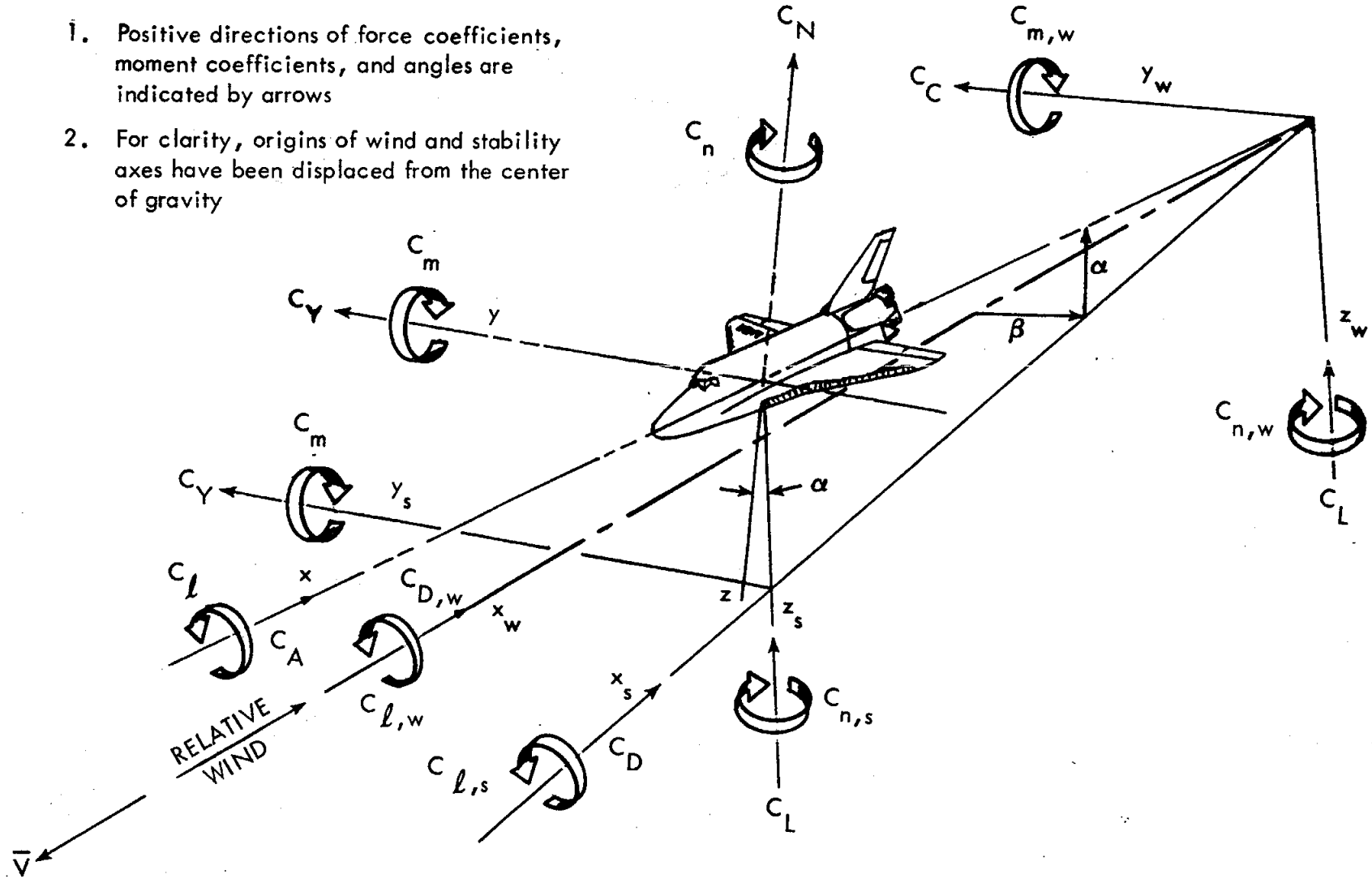
SPANWISE LOCATION η_R at Hingeline	OUTER SURFACE (L.H.) X_R/C_R				
	-0.20	0.20	0.60	0.80	1.00
0.10 (Bottom)	401	410	411		
0.20		412	413		414
0.30	403	415	416		417
0.40		418	419		420
0.50	405	421	422		423
0.60		424	425		426
0.70	407	427	428		429
0.80		430	431		432
0.90	409	433	434		435
1.03 (Top)				436	
	INSIDE SURFACE (L.H.) X_R/C_R				
0.10 (Bottom)		437	438		
0.20		439	440		441
0.30					
0.40		442	443		444
0.50		445	446		447
0.60					
0.70		448	449		450
0.80					
0.90		451	452		453
1.03 (Top)				454	

TABLE VII. COEFFICIENT TOLERANCES FOR THE 4-INCH TASK MKVIA BALANCE IN LaRC 16T CORRESPONDING TO THE RANGE OF DYNAMIC PRESSURES TESTED

COEFFICIENT	M = .6	M = 1.3
	q_∞ = 420 PSF	q_∞ = 910 PSF
C_N	± 0.01500	± 0.00690
C_m	± 0.00440	± 0.00204
C_A	± 0.00180	± 0.00082
C_ℓ	± 0.00060	± 0.00028
C_n	± 0.00092	± 0.00043
C_Y	± 0.00750	± 0.00350

Notes:

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



a. Axes Systems Definition

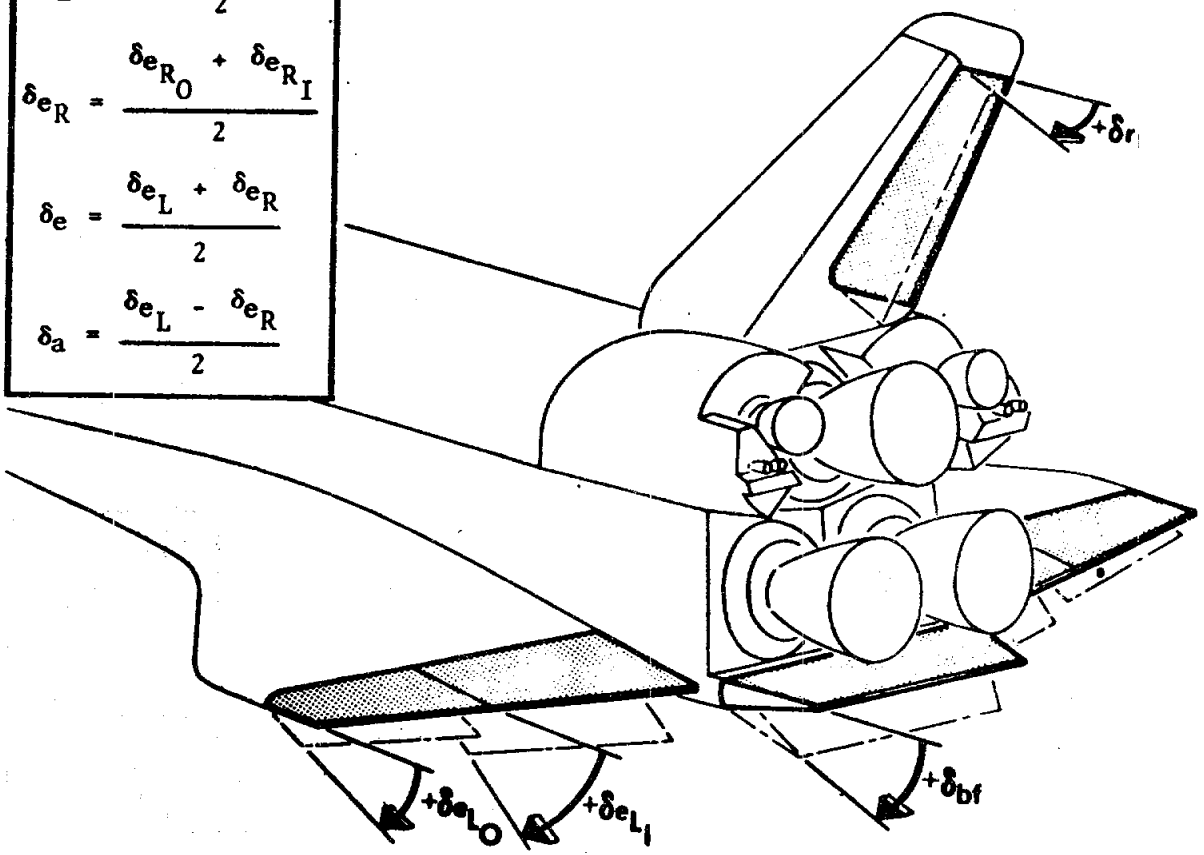
Figure 1. Axes systems and sign convention.

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

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

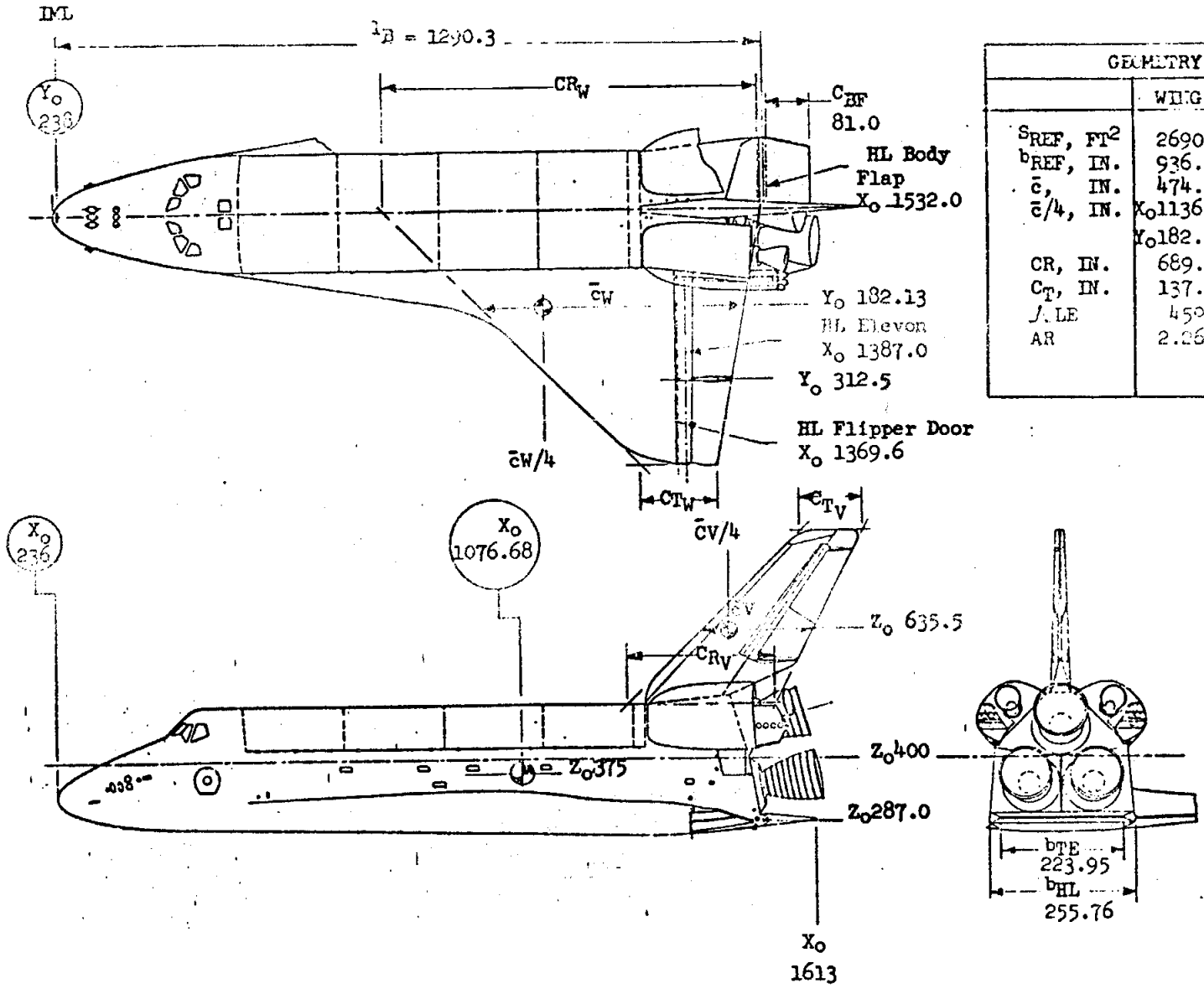
$$\delta e = \frac{\delta e_L + \delta e_R}{2}$$

$$\delta a = \frac{\delta e_L - \delta e_R}{2}$$



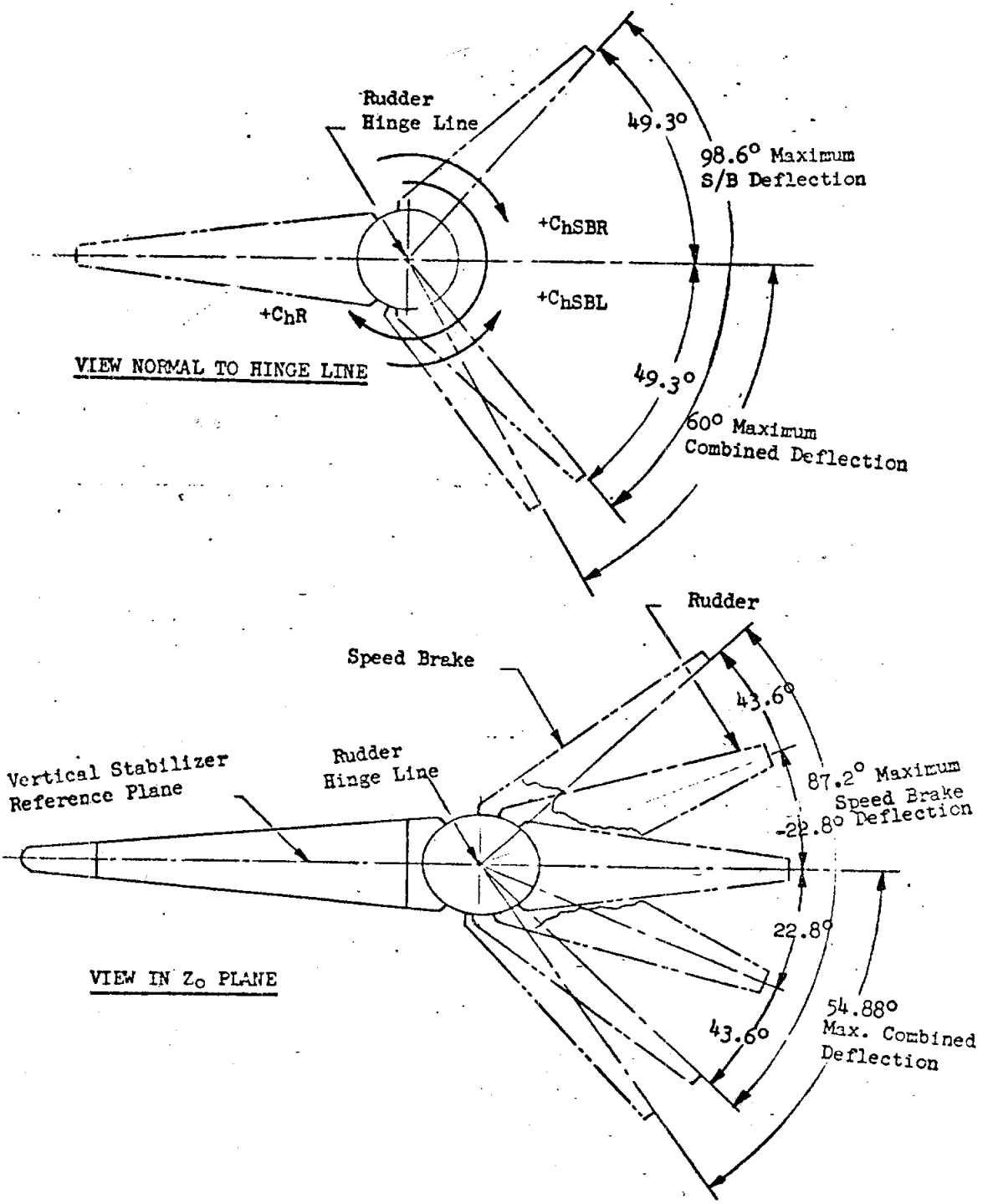
Positive Deflection of	Angle	Aero Forces and Moments	Hinge Moment
Rudder, δr	$+\beta$, $-\psi$	$+C_Y$, $-C_n$	$-C_{h_r}$
Elevon, δe	$-\alpha$, $-\theta$	$-C_m$	C_{h_e}
Right, δe_R	$-\phi$	$-C_\ell$	$-C_{h_{e_R}}$
Left, δe_L	$+\phi$	$+C_\ell$	$-C_{h_{e_L}}$
Aileron, δa	$+\phi$	$+C_\ell$	
Body Flap, δbf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

b. Control Surface Deflections
Figure 1. Continued.

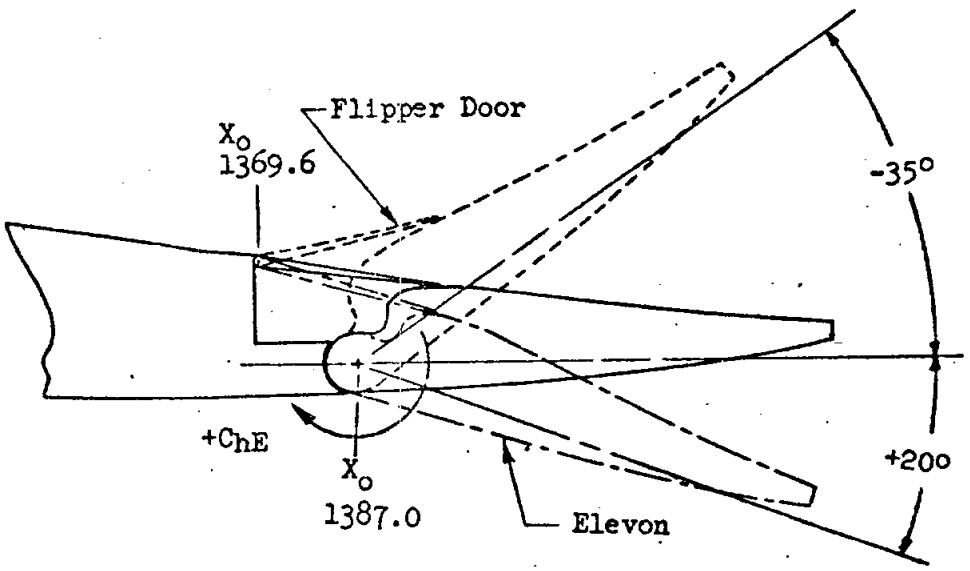


GEOMETRY		
	WING	VERTICAL
S_{REF}, FT^2	2690	413.25
b_{REF}, IN.	936.68	315.72
$\bar{c}$, IN.	474.81	199.81
$\bar{c}/4$, IN.	X_o1136.83	X_o1463.35
	Y_o182.13	Z_o635.5
CR, IN.	689.24	
C_T, IN.	137.85	
Λ_{LE}	45°	45°
AR	2.265	1.675

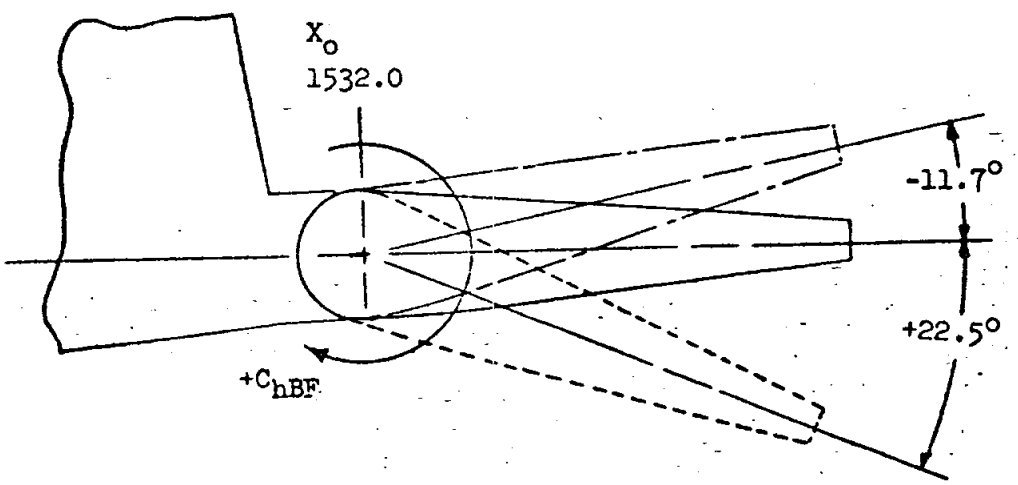
c. Orbiter Reference Dimensions
Figure 1. Continued.



d. Rudder/Speed Brake Deflections
Figure 1. Continued.

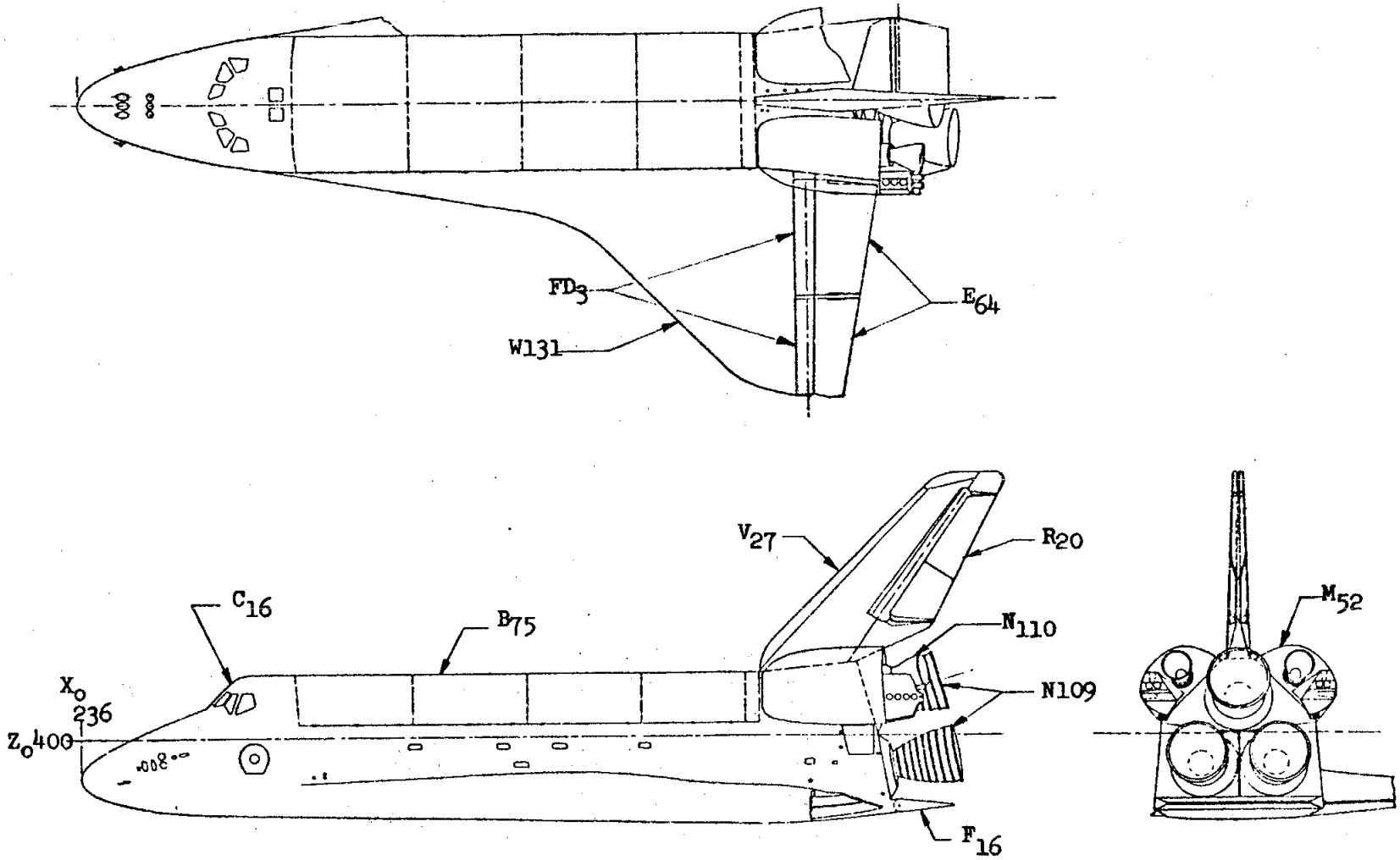


ELEVON DEFLECTIONS



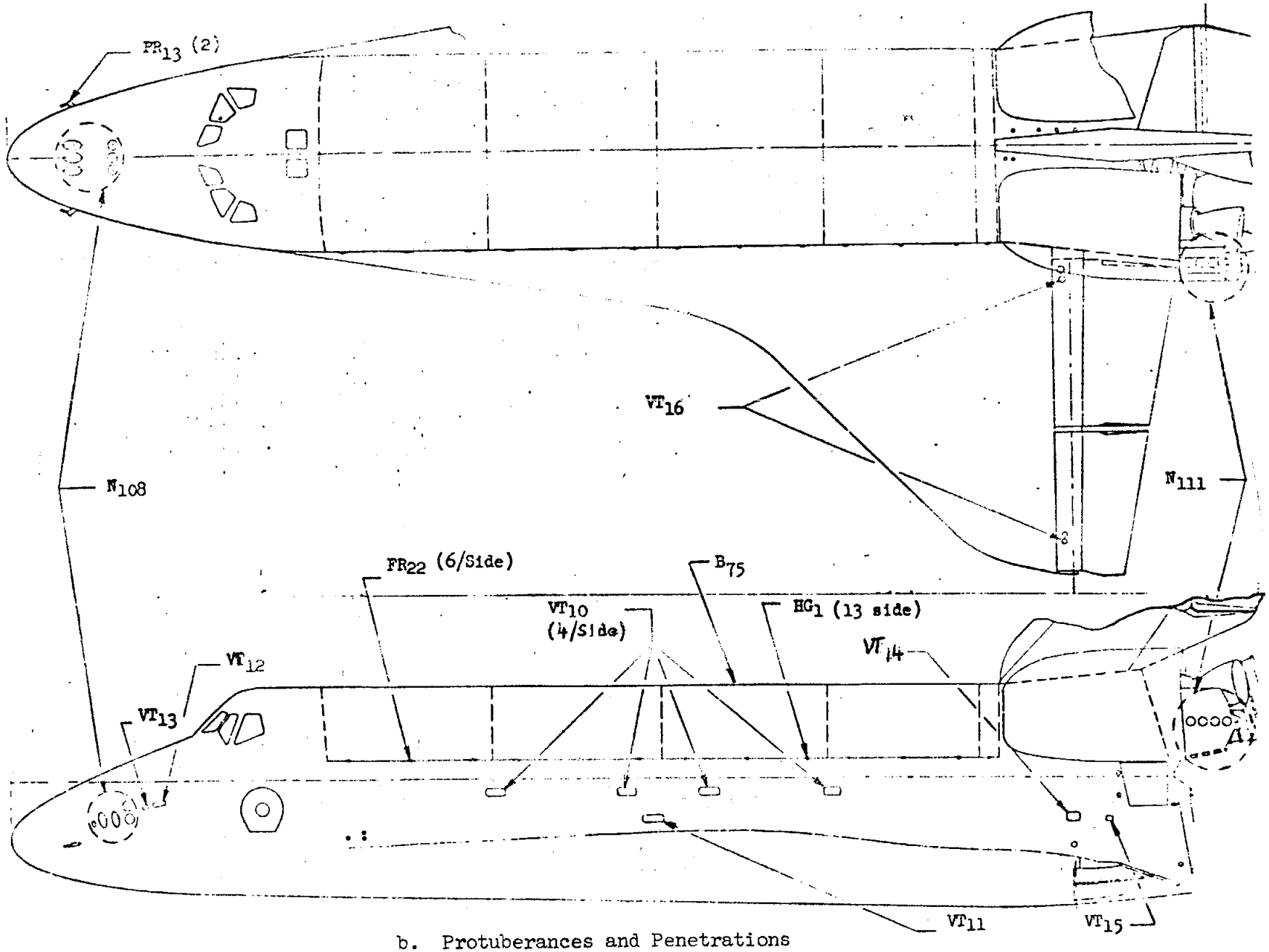
BODY FLAP DEFLECTIONS

e. Elevon and Body Flap Deflections
Figure 1. Concluded.

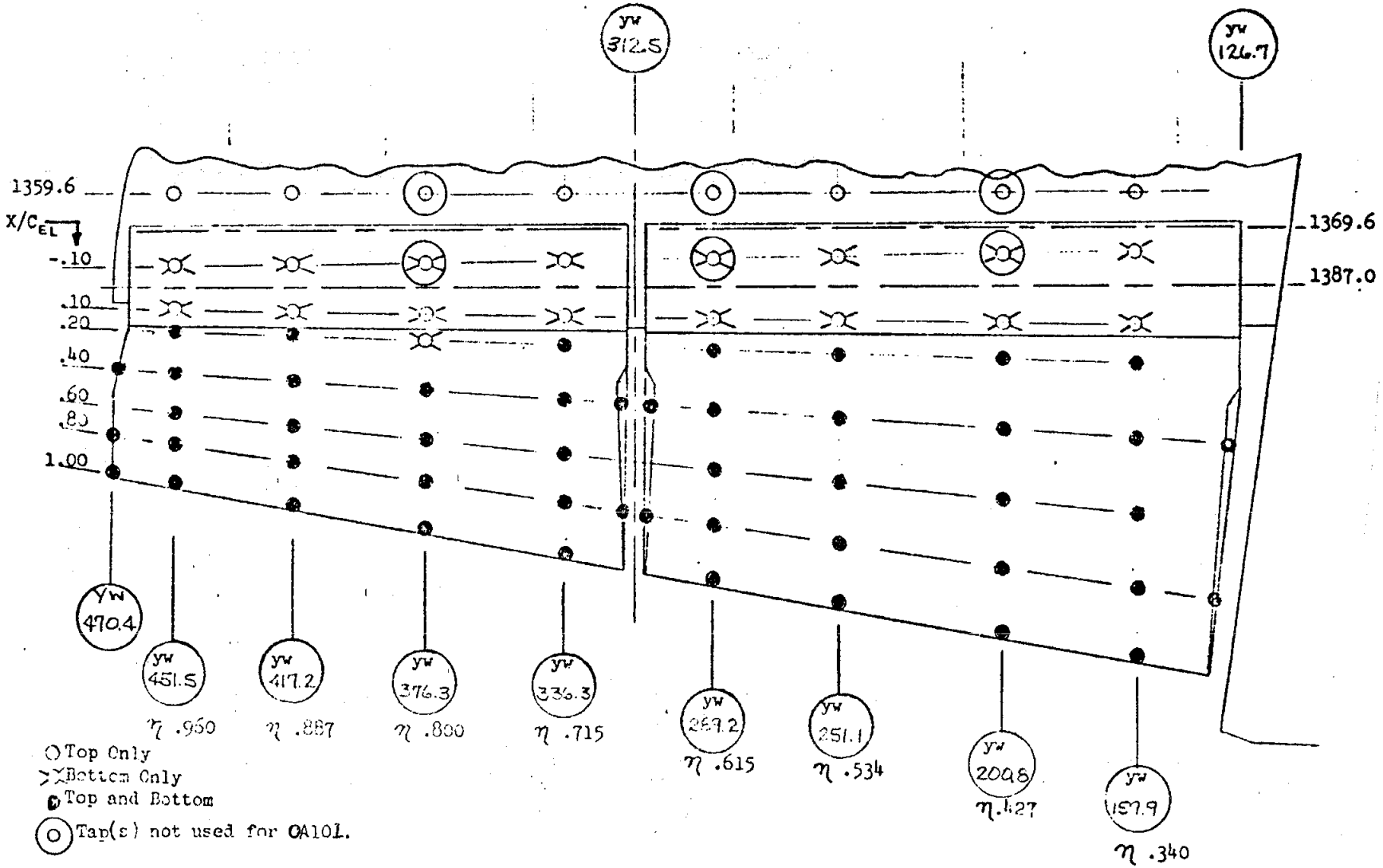


a. Orbiter Configuration

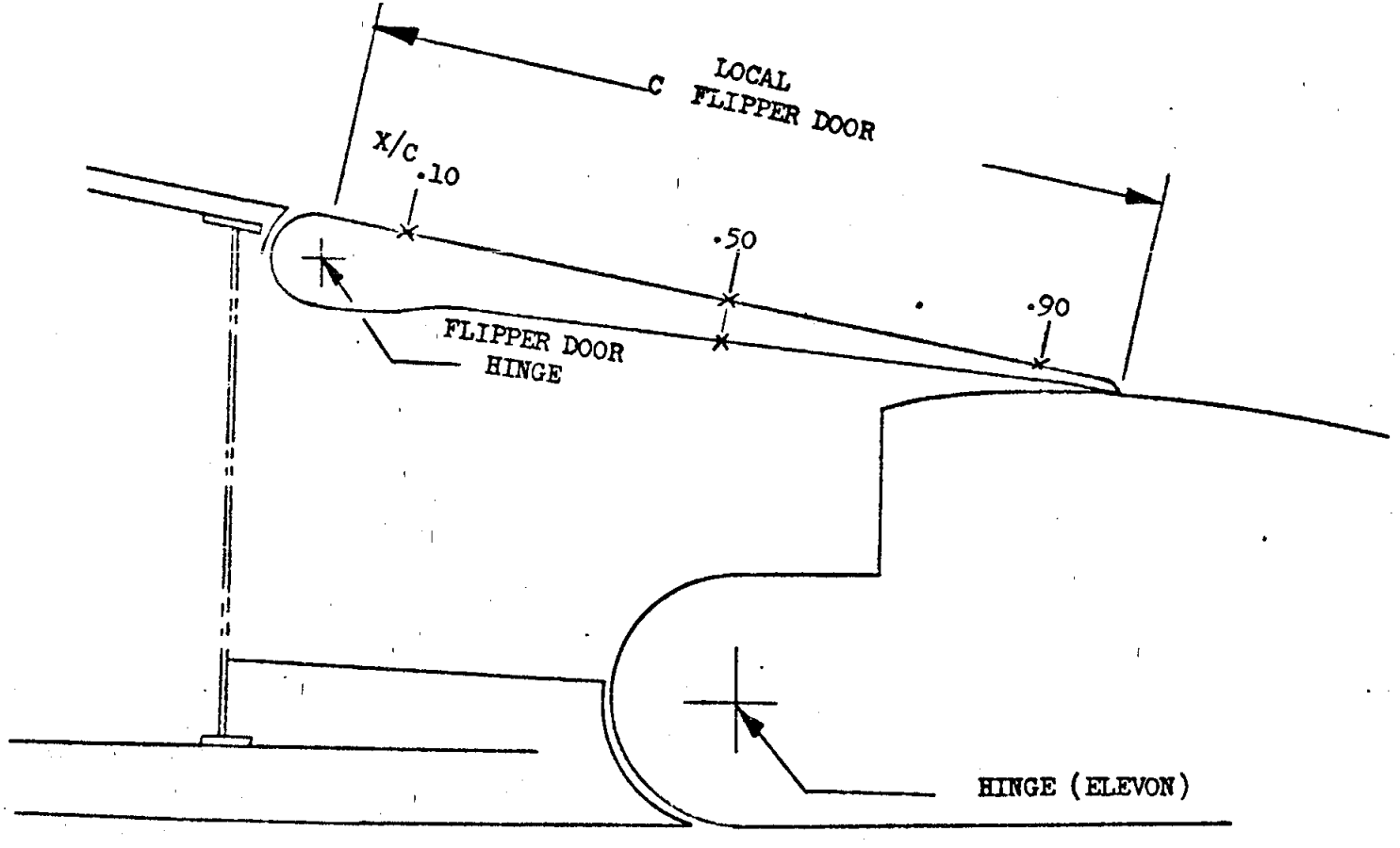
Figure 2. Model sketches.



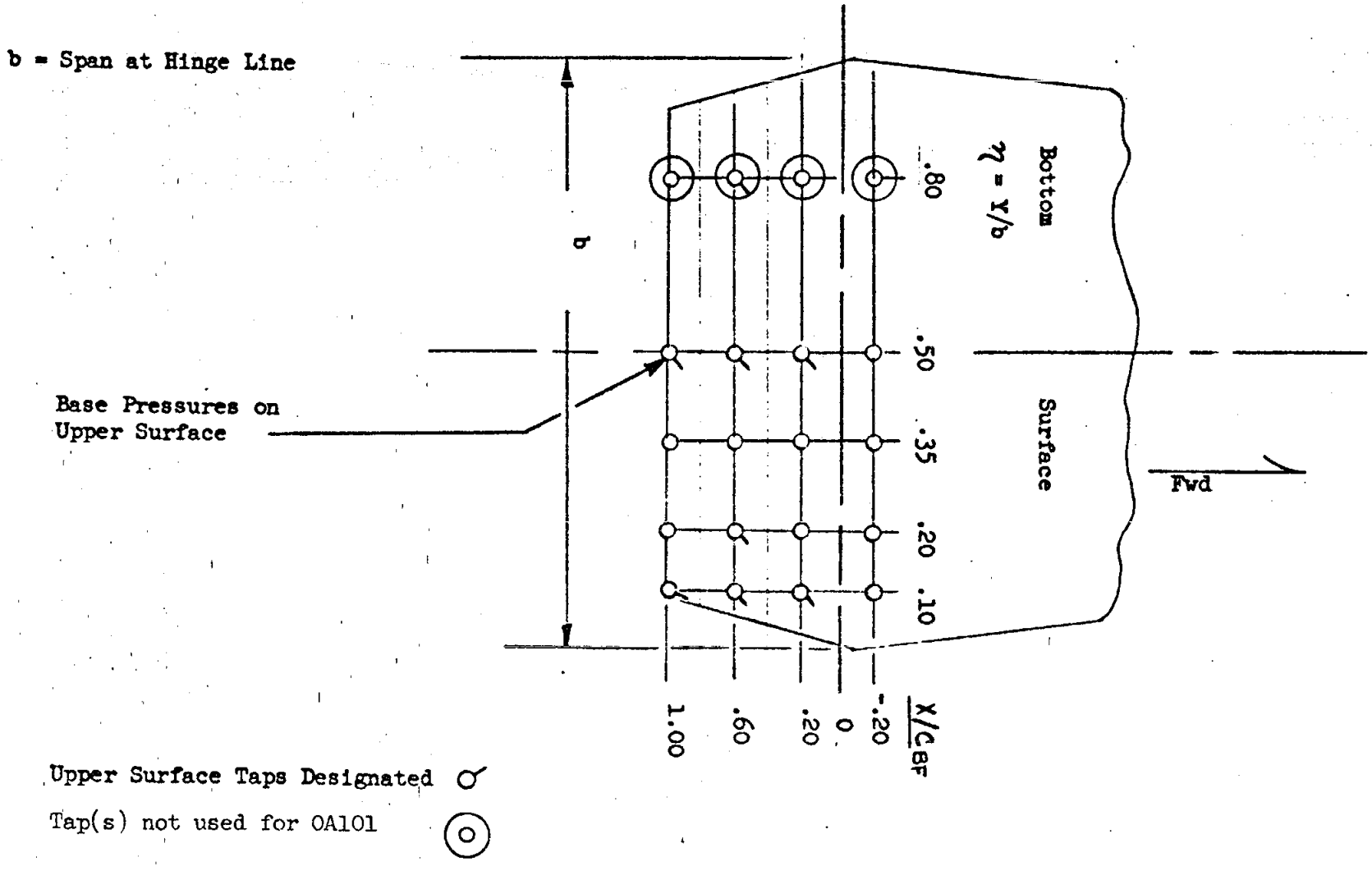
b. Protuberances and Penetrations
Figure 2. Continued.



c. Elevon and Wing Pressure Tap Locations
Figure 2. Continued.



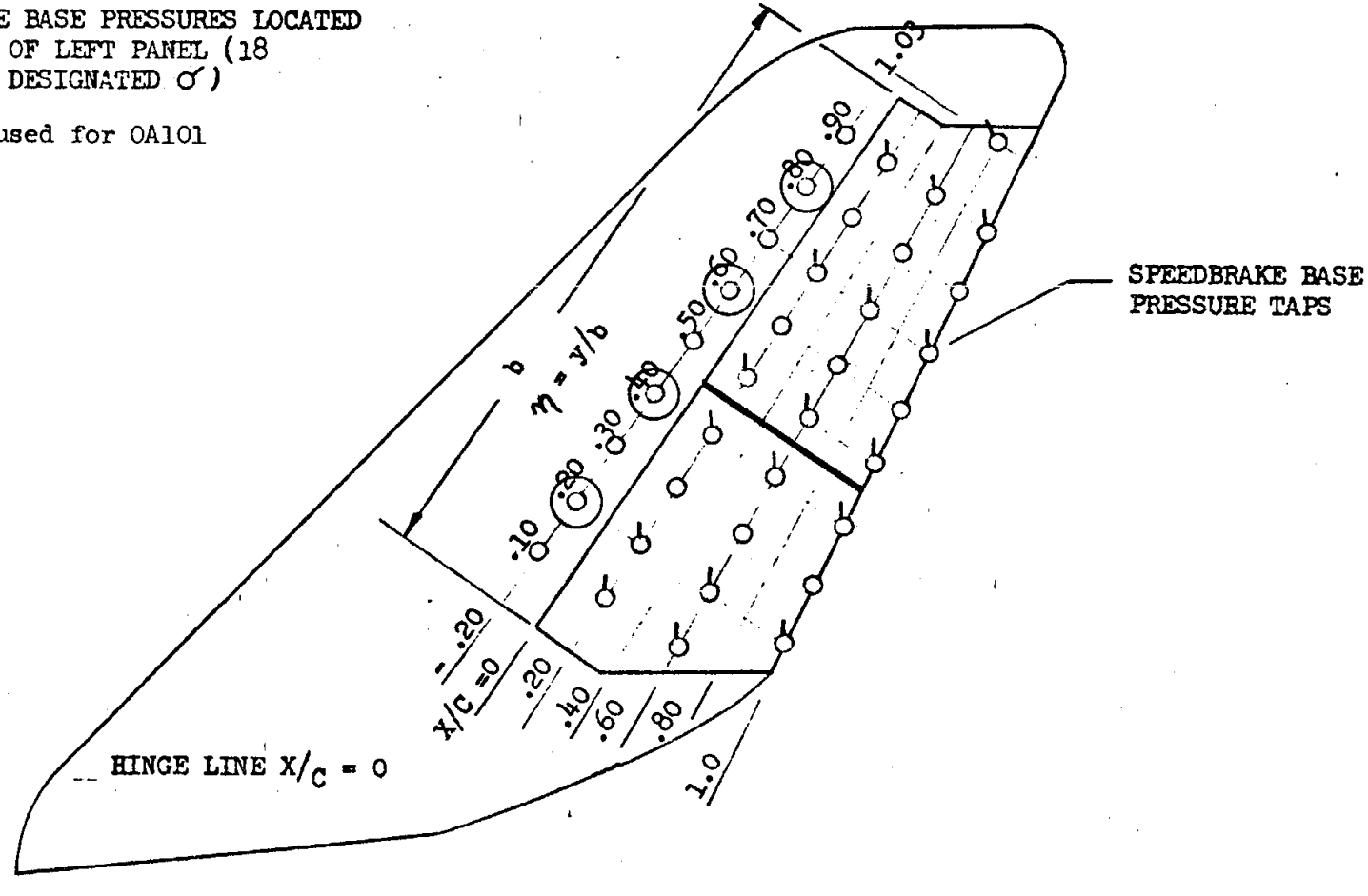
d. Flipper Door and Elevon Cavity Pressure Tap Locations
Figure 2. Continued.



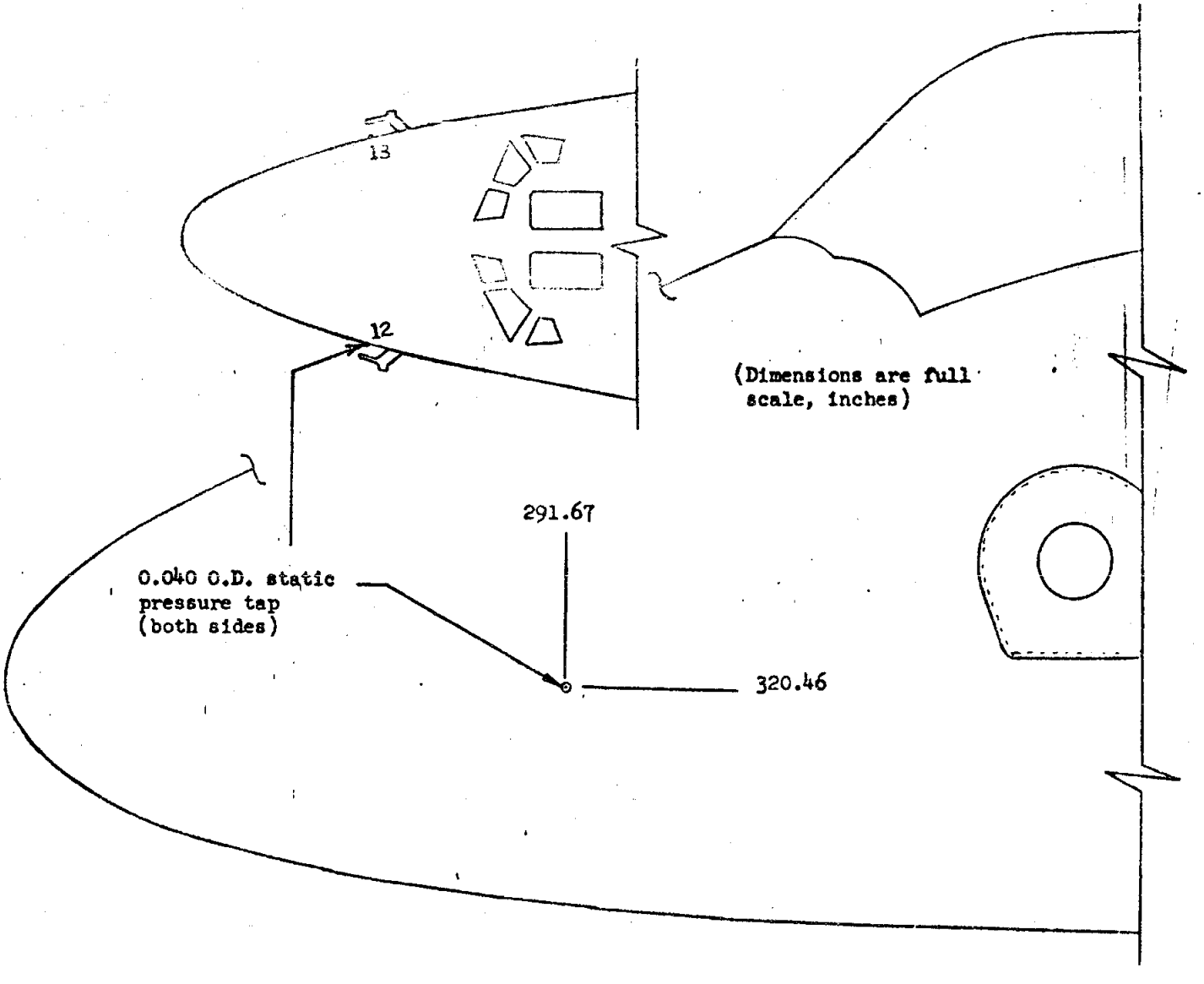
e. Body Flap Pressure Tap Locations
Figure 2. Continued.

- ALL MEASUREMENTS LEFT SIDE ONLY.
- TAPS AT T.E. LOCATED AS CLOSE TO T.E. AS POSSIBLE.
- SPEEDBRAKE BASE PRESSURES LOCATED ON INSIDE OF LEFT PANEL (18 LOCATIONS DESIGNATED σ)

(O) Taps not used for 0A101



f. Rudder/Speed Brake Surface Pressure Tap Locations
Figure 2. Continued.

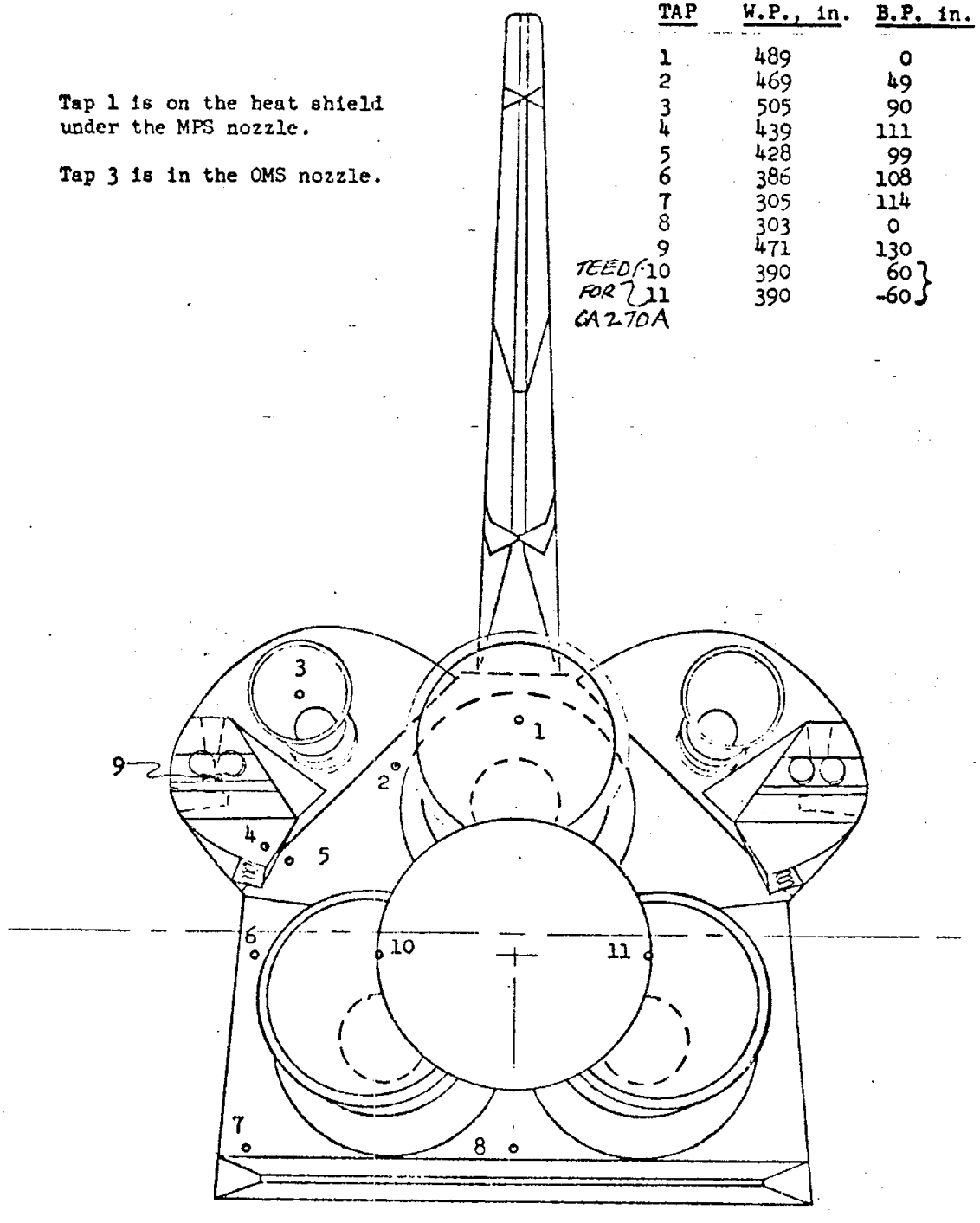


g. Air Data Probe Pressure Tap Locations
Figure 2. Continued.

Tap 1 is on the heat shield under the MPS nozzle.

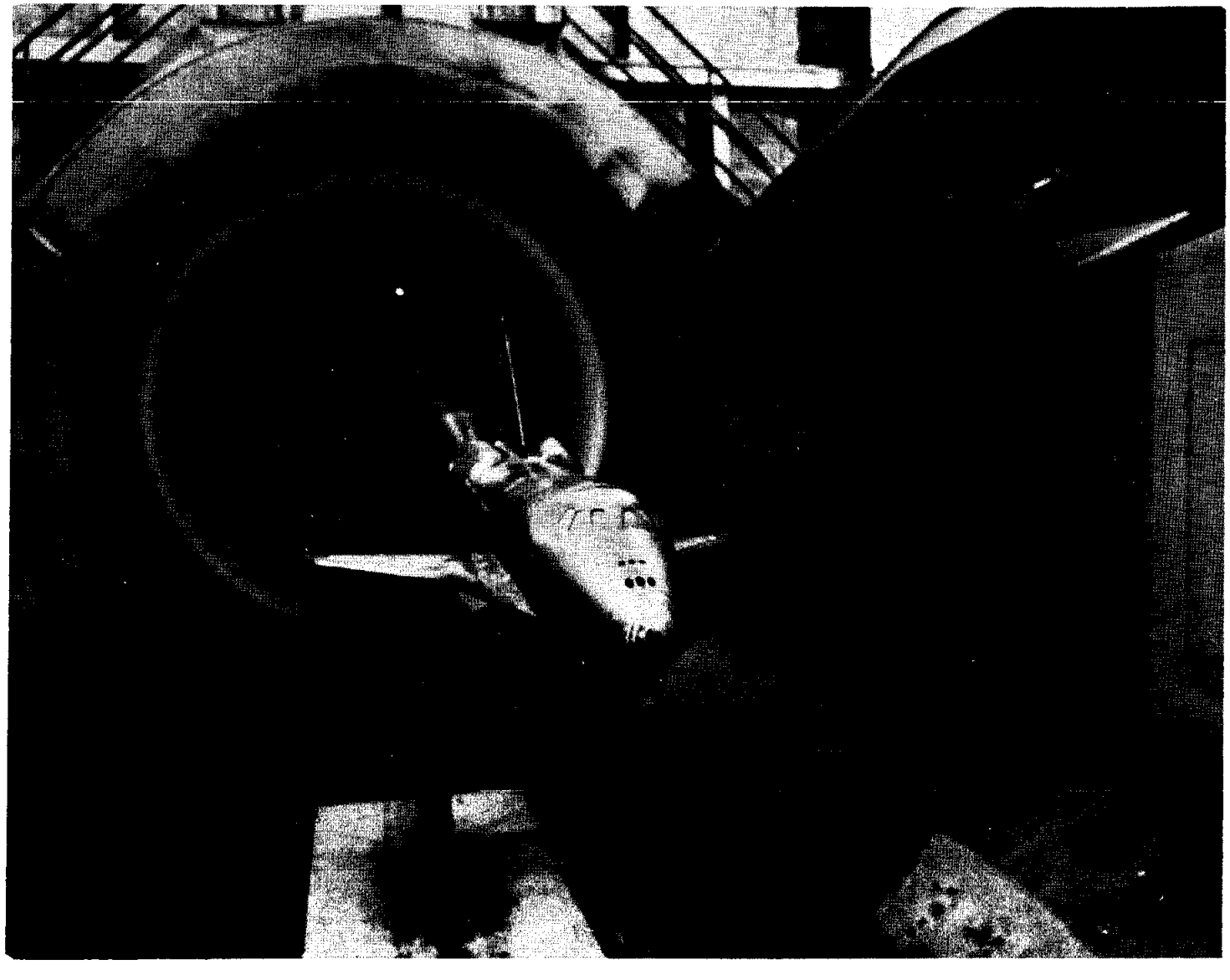
Tap 3 is in the OMS nozzle.

TAP	W.P., in.	B.P. in.	Area, ft²
1	489	0	23.48
2	469	49	32.96
3	505	90	18.68
4	439	111	22.12
5	428	99	30.88
6	386	108	45.84
7	305	114	71.92
8	303	0	34.40
9	471	130	78.00
TEED 10	390	60	78.52
FOR 11	390	-60	
GA270A			
			430.80



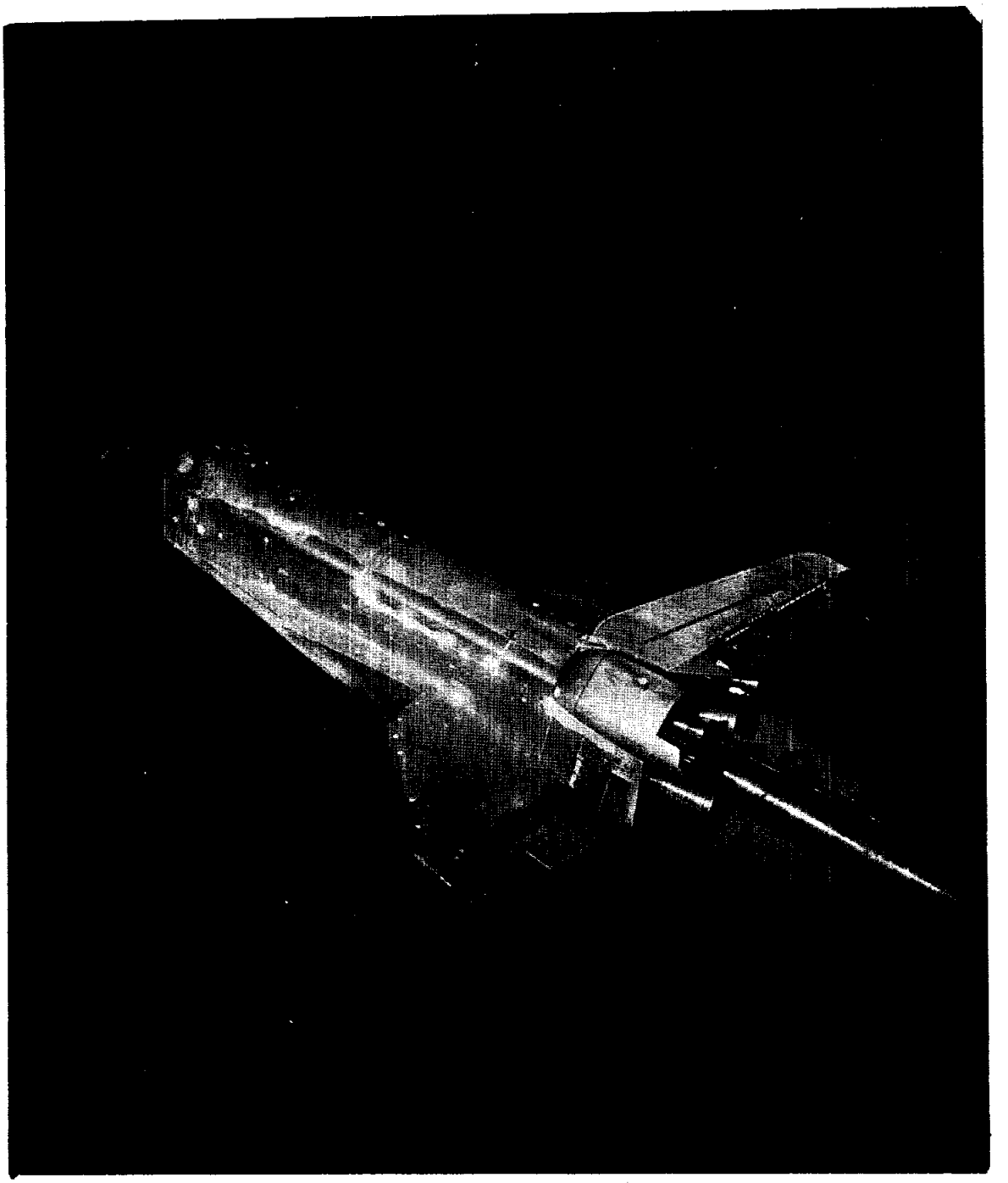
h. Base Pressure Tap Locations

Figure 2. Concluded.



a. Front View

Figure 3. Model installation photographs.



b. Rear View
Figure 3. Concluded.

DATA FIGURES

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DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

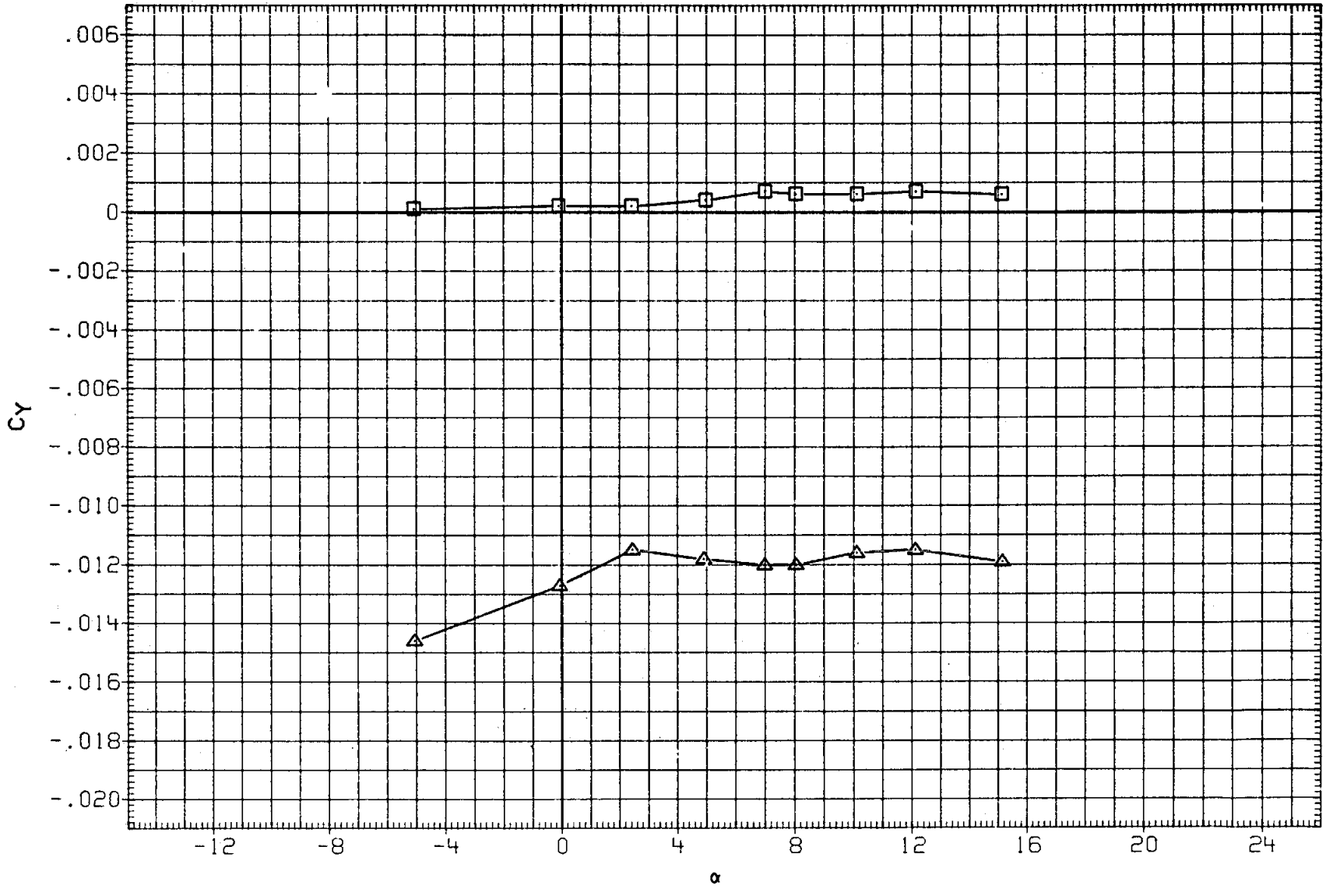


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(A) MACH = .60

DATA SET	SYMBOL	CONFIGURATION
RK0013	○	DATA NOT AVAILABLE
R2F070	□	AMES 118-1-11 0A145A 01
RK0017	◇	DATA NOT AVAILABLE
R2F079	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	.000	-.030	.000
.000	.000	.000	.000	.000	.000	
.000	.000	.000	.000	.000	5.260	.000
.000	.000	.000	.000	.000	-5.000	

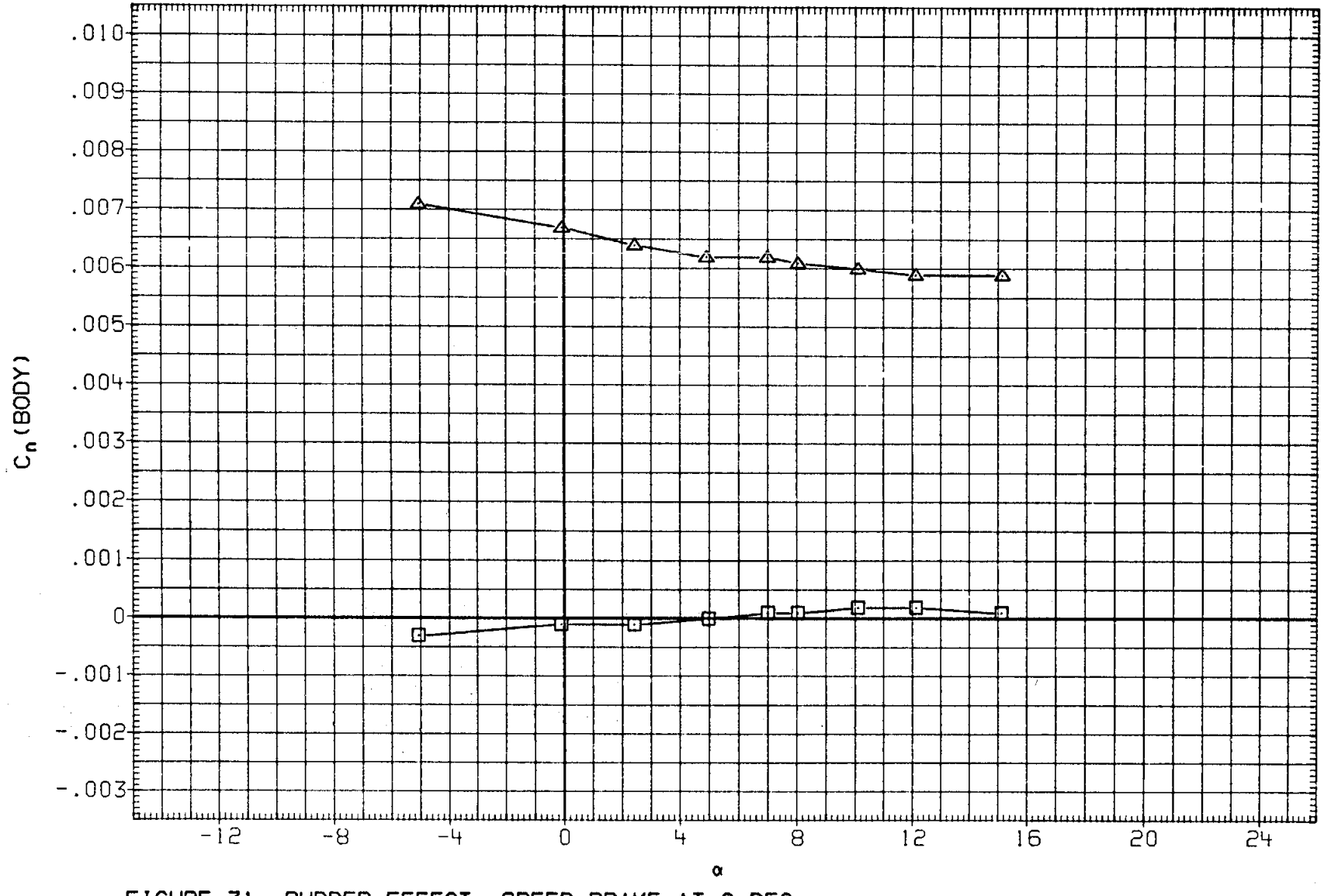


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

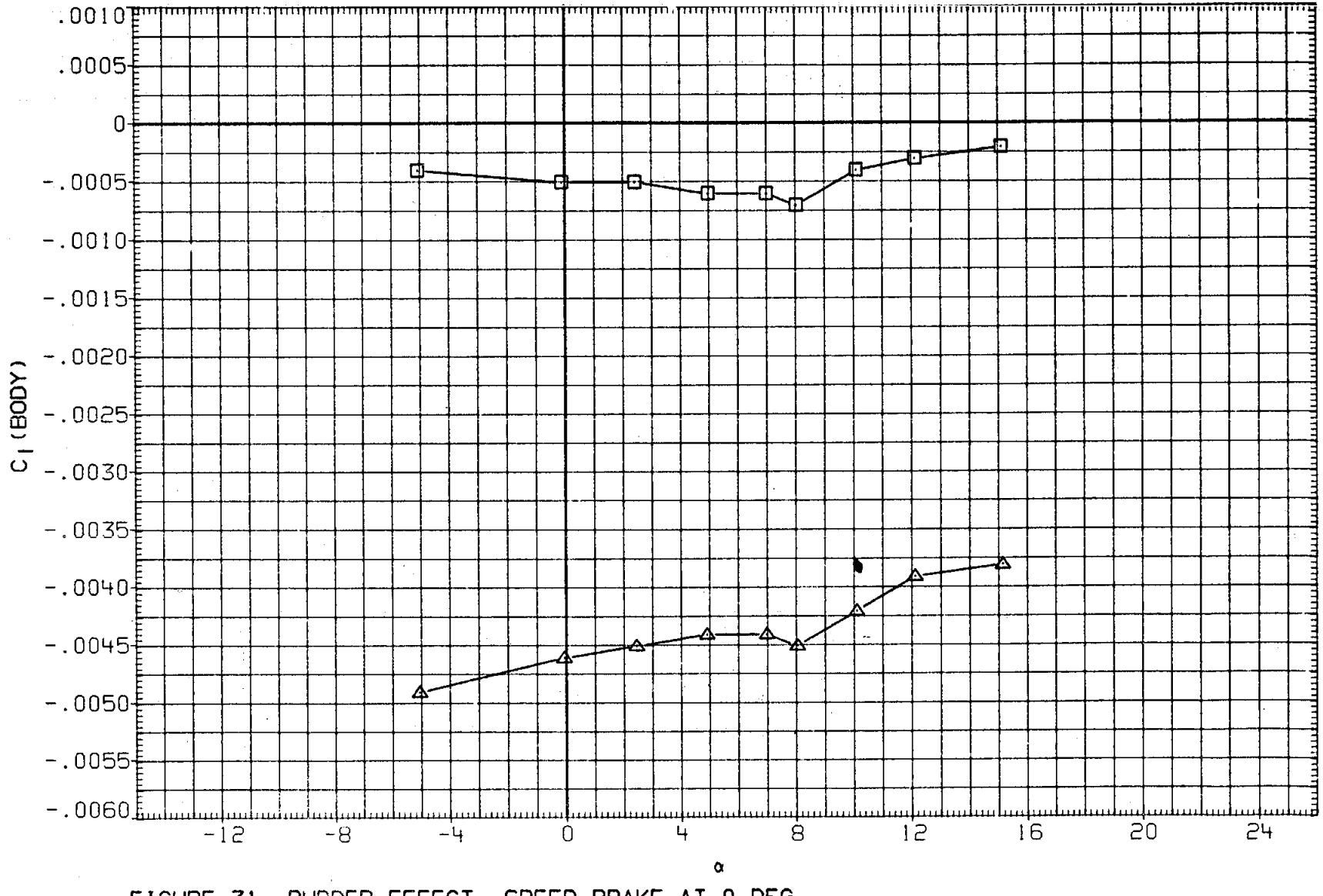


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

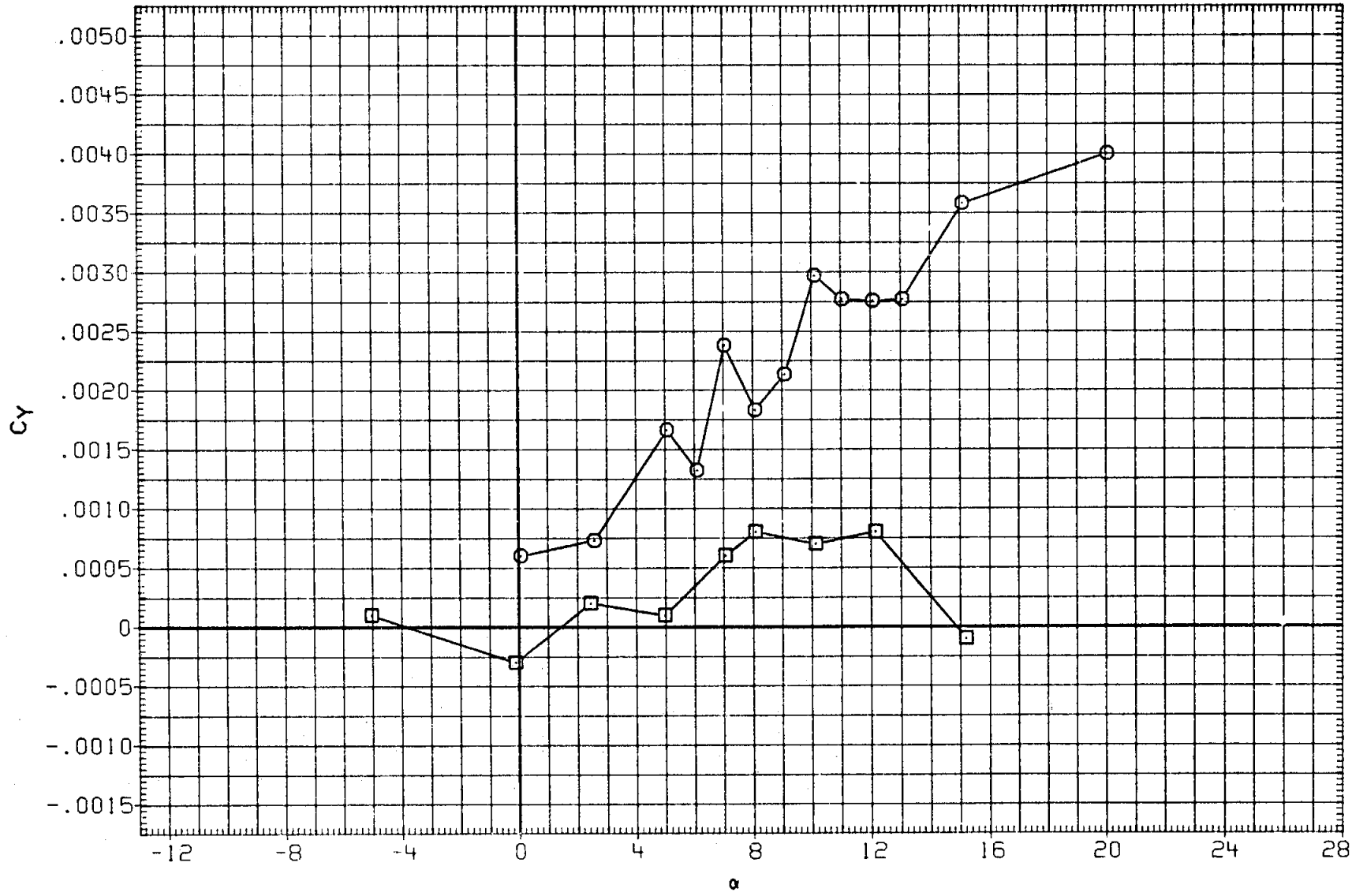


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

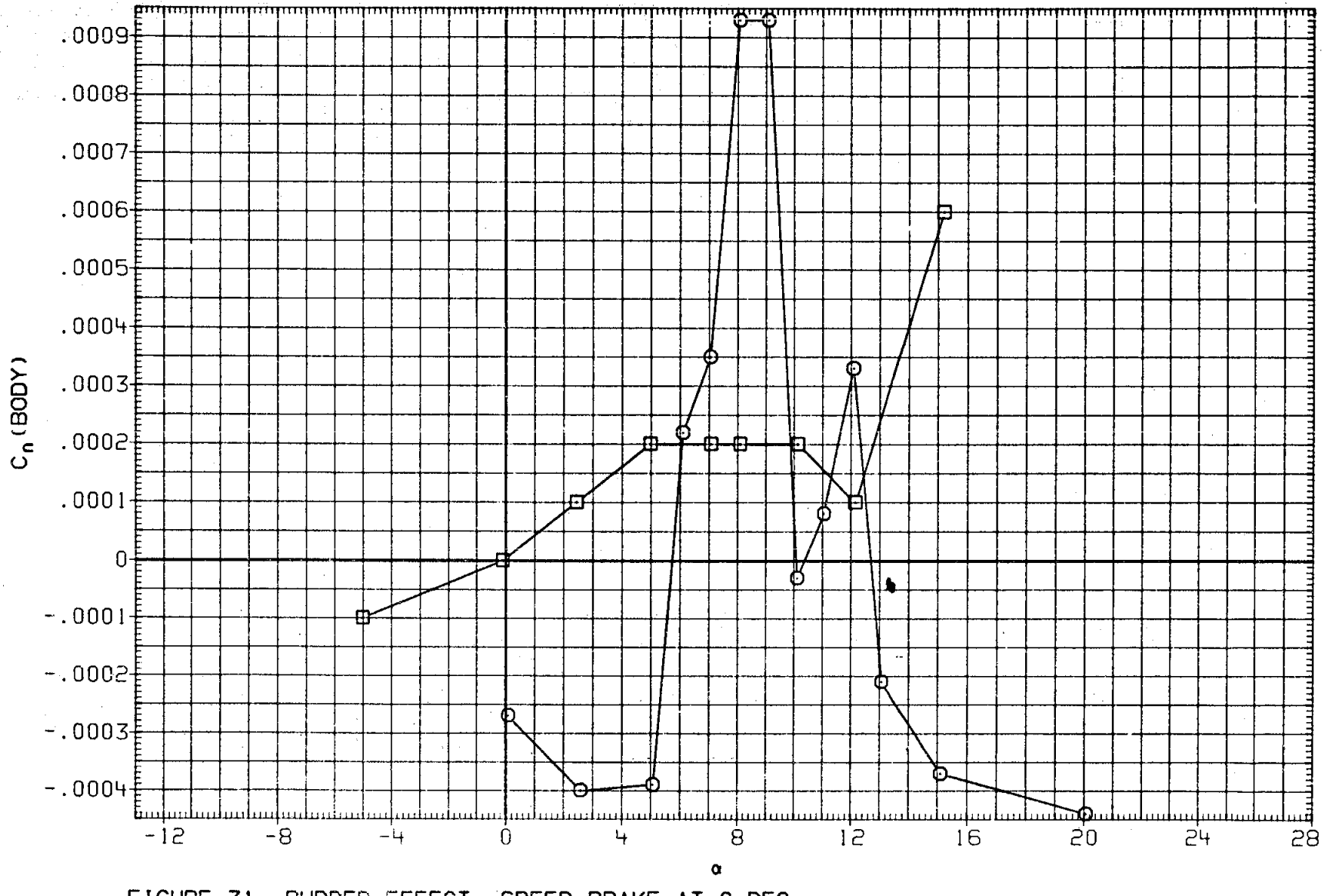


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

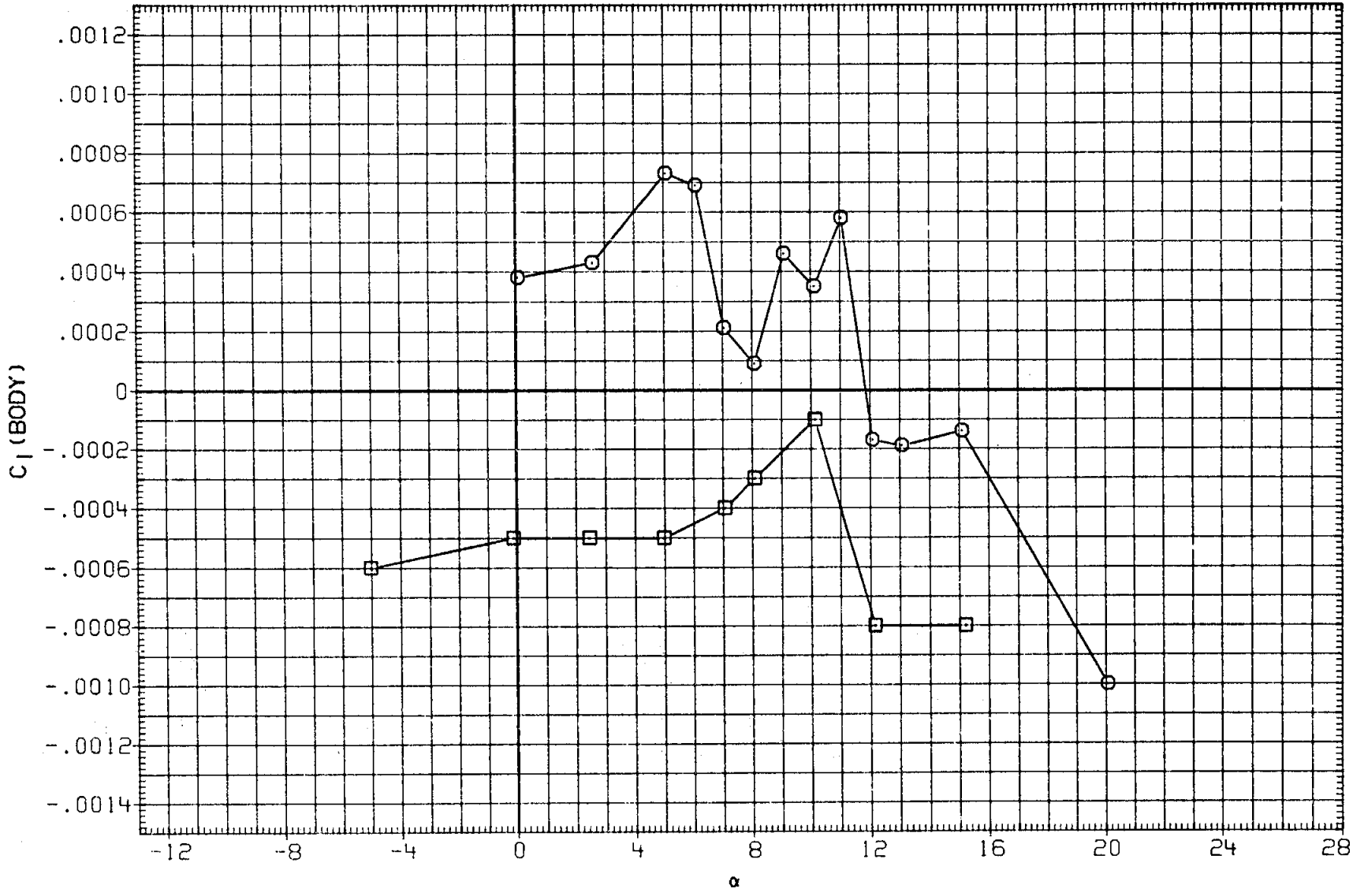


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
R2F070	□	AMES 118-1-11 0A145A 01
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.
R2F079	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	.000	-.030	.000
.000	.000	.000	.000	.000	.000	
.000	.000	.000	.000	.000	5.260	.000
.000	.000	.000	.000	.000	-5.000	

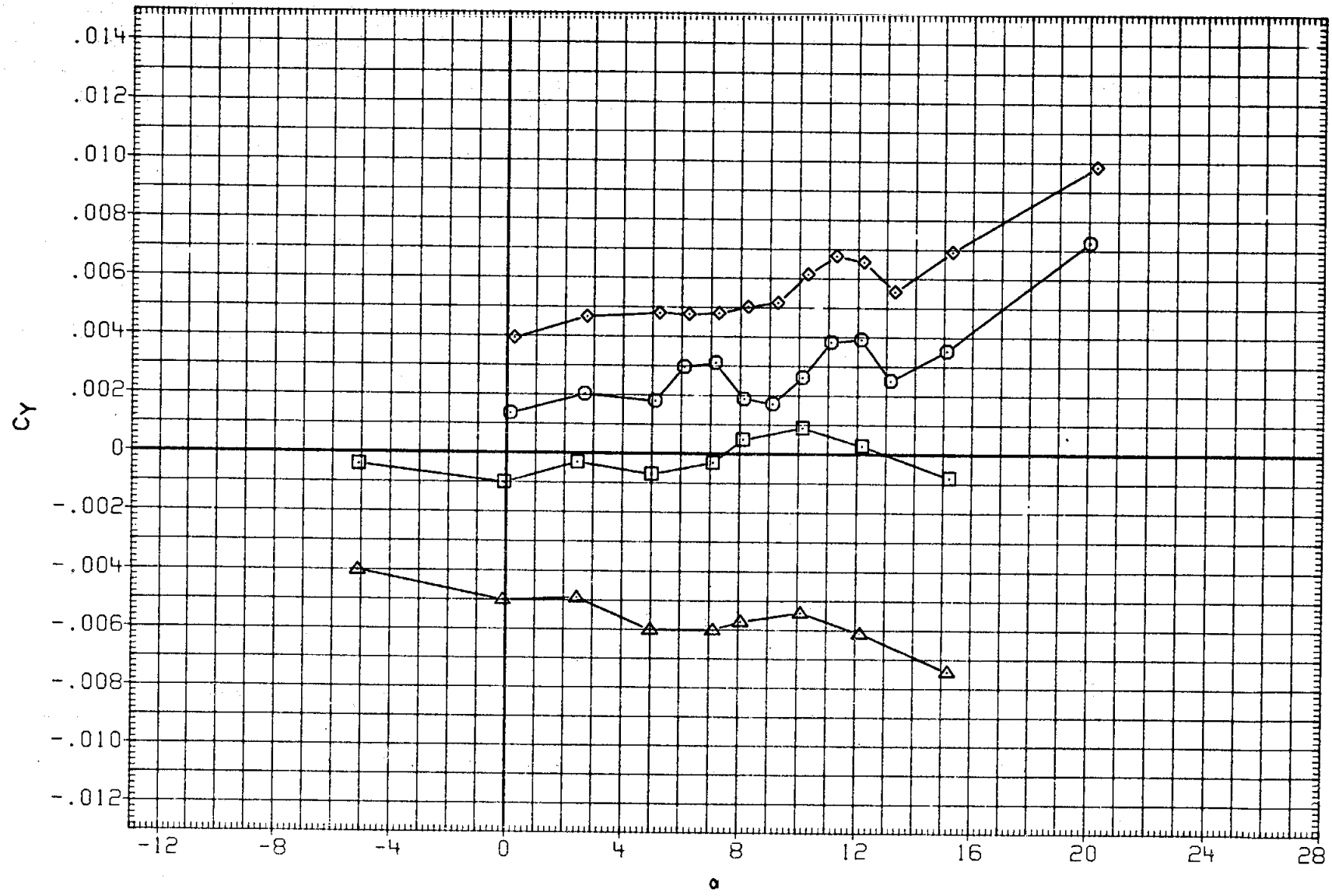


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

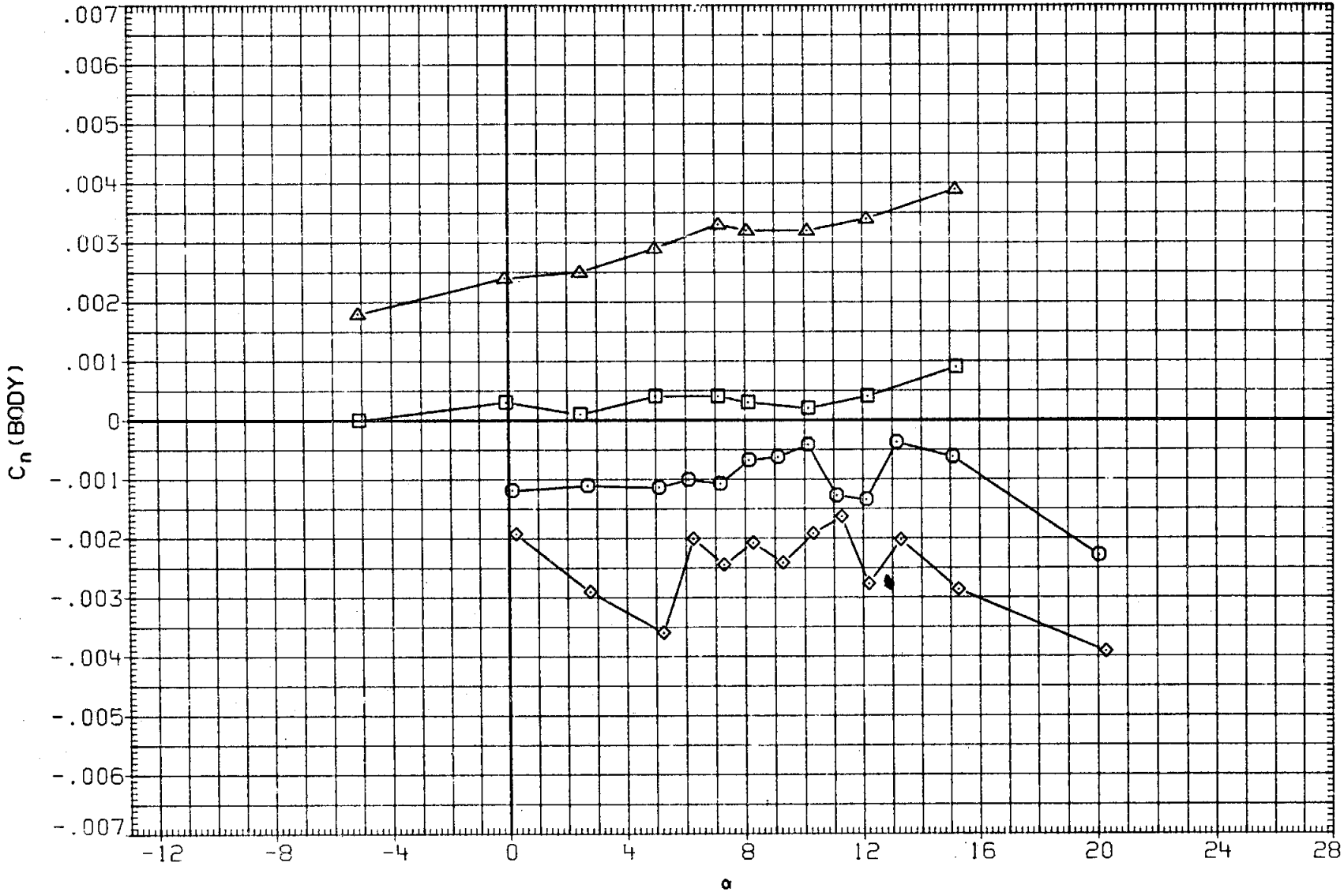


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

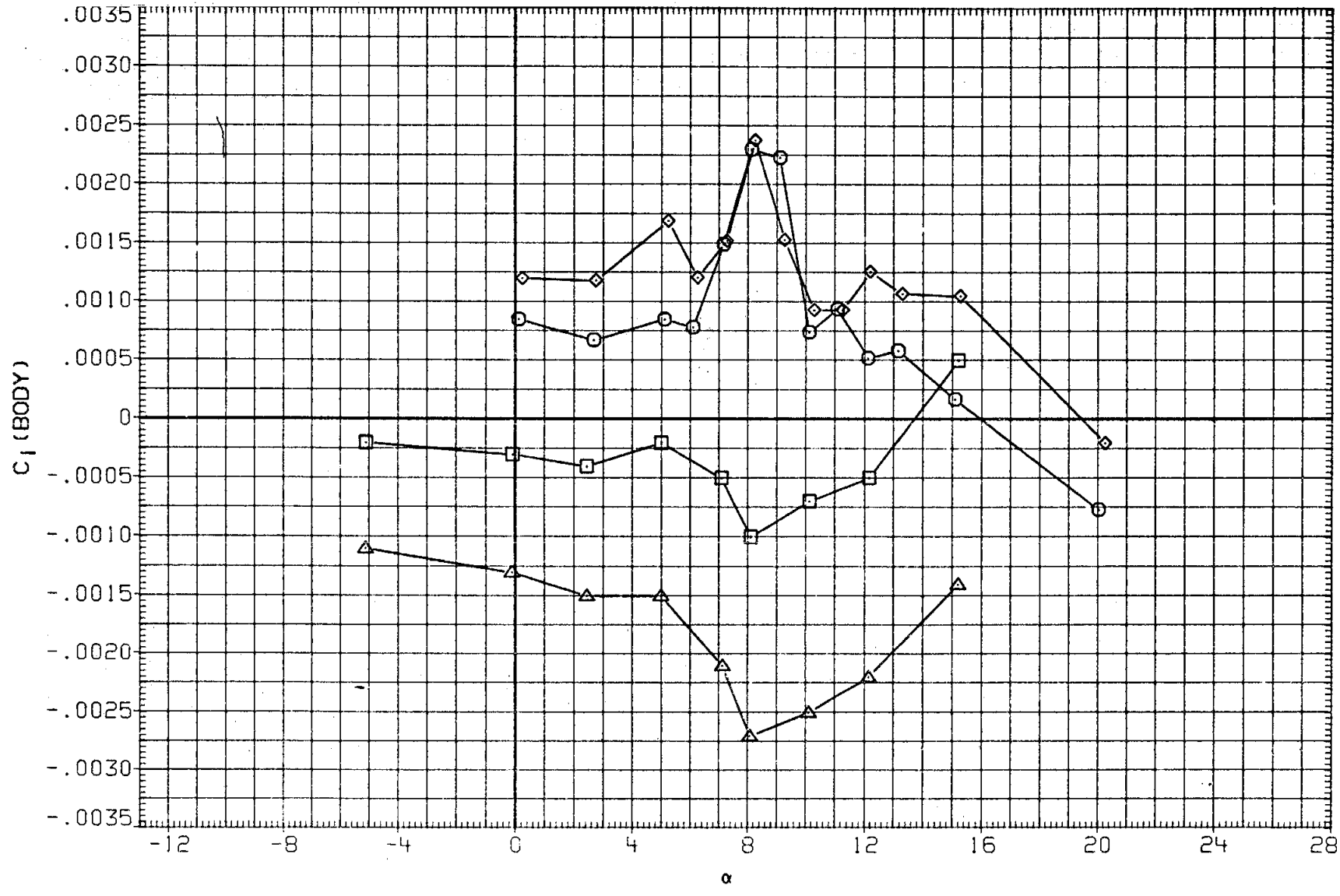


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

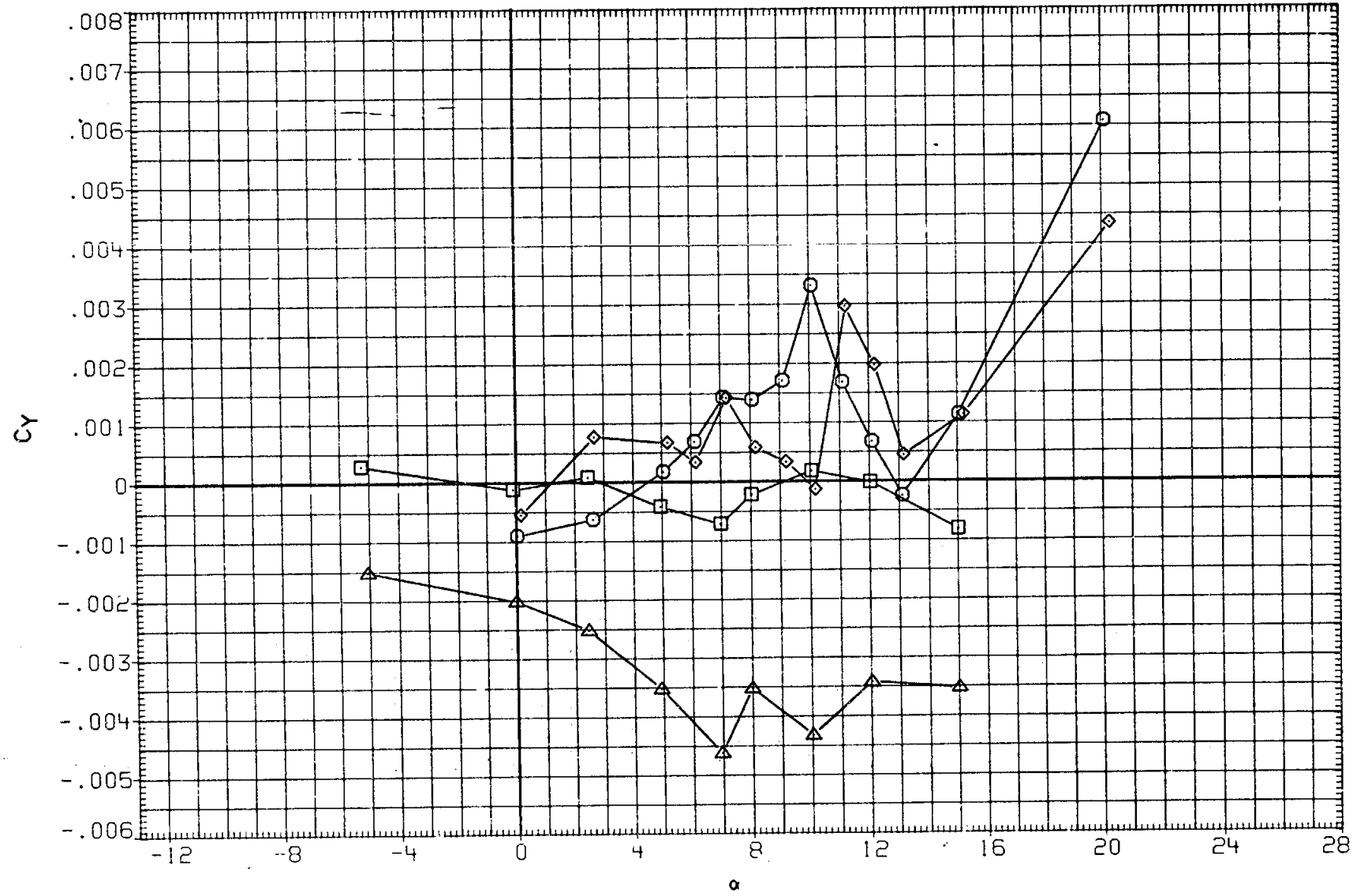


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

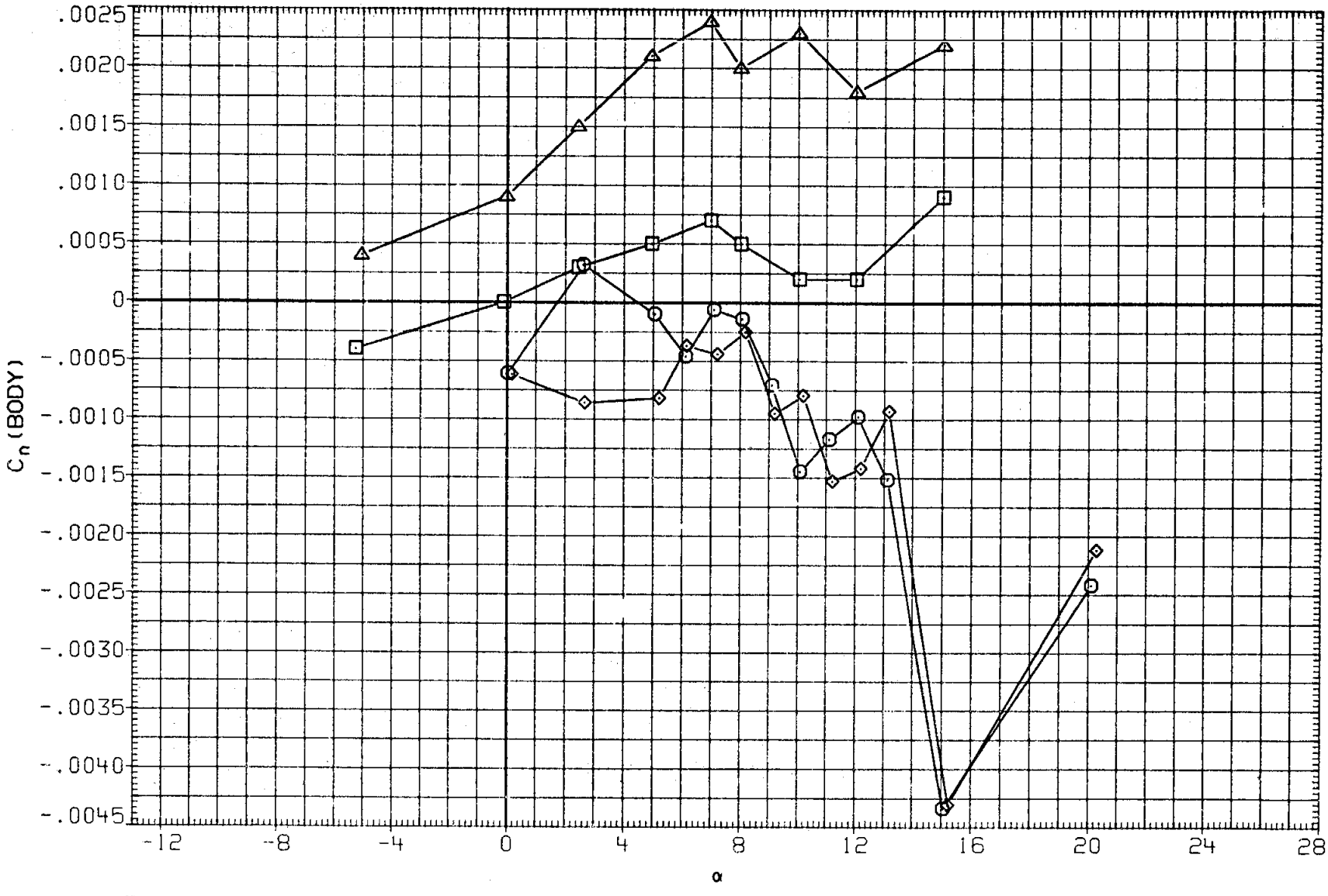


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-C ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

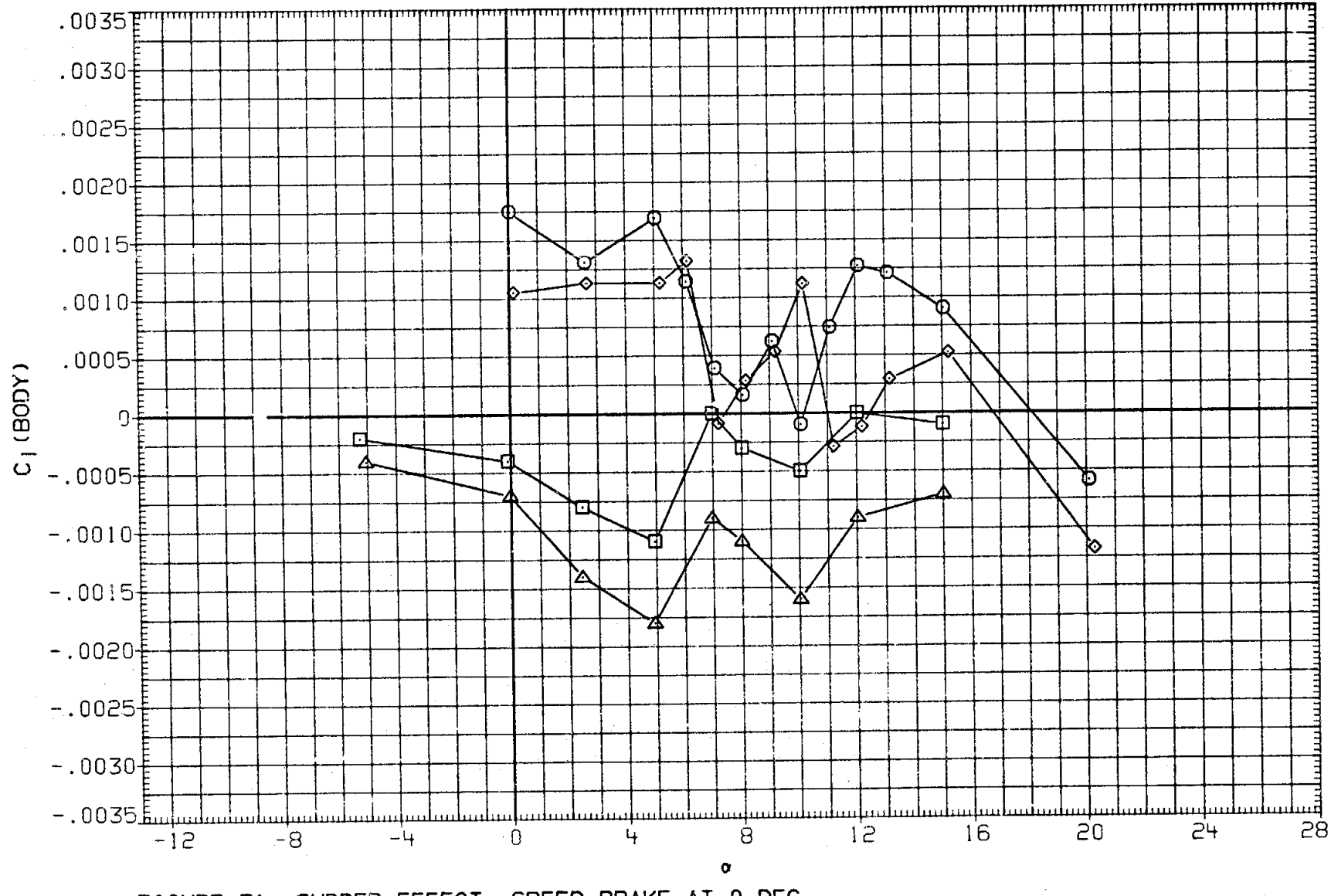


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

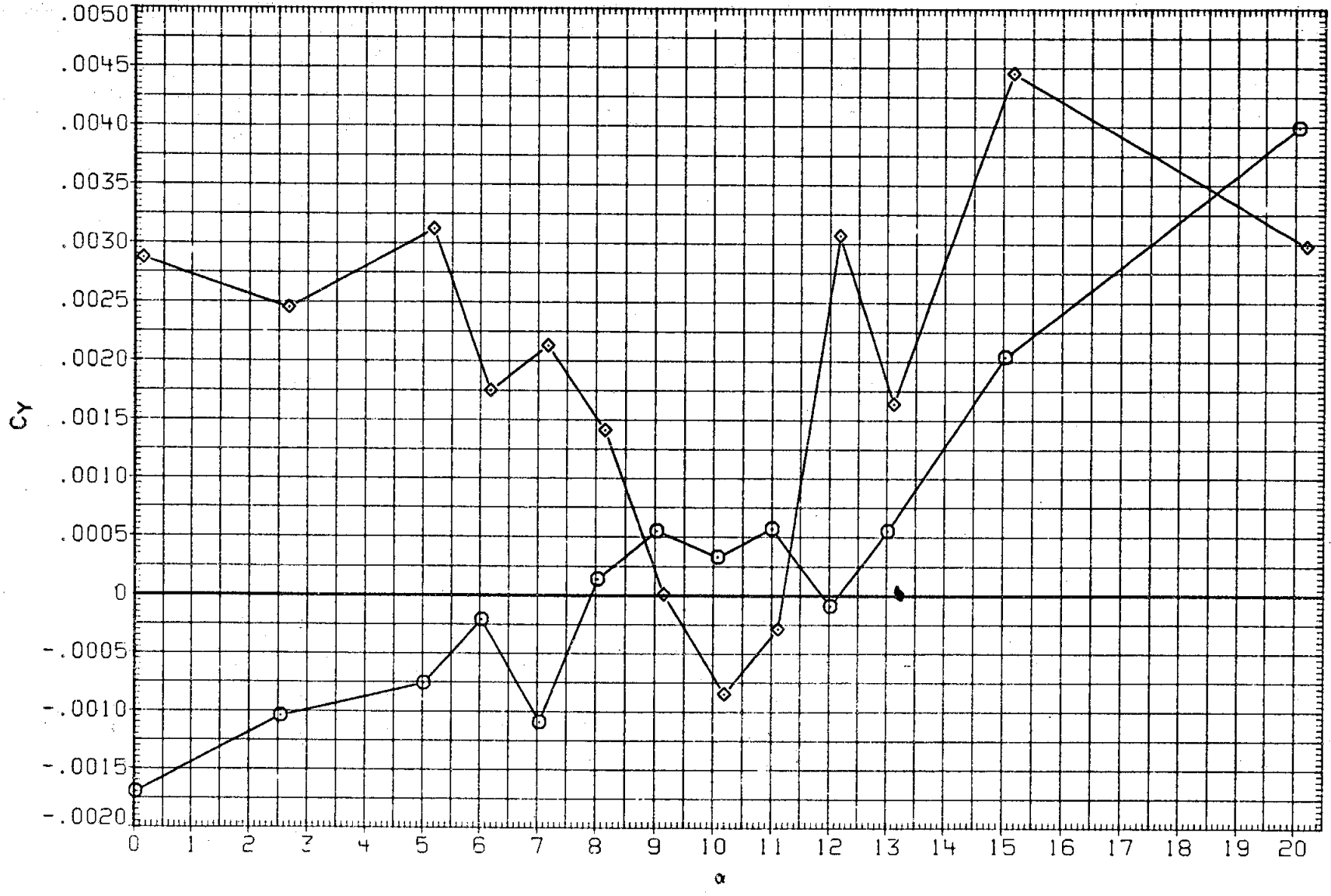


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

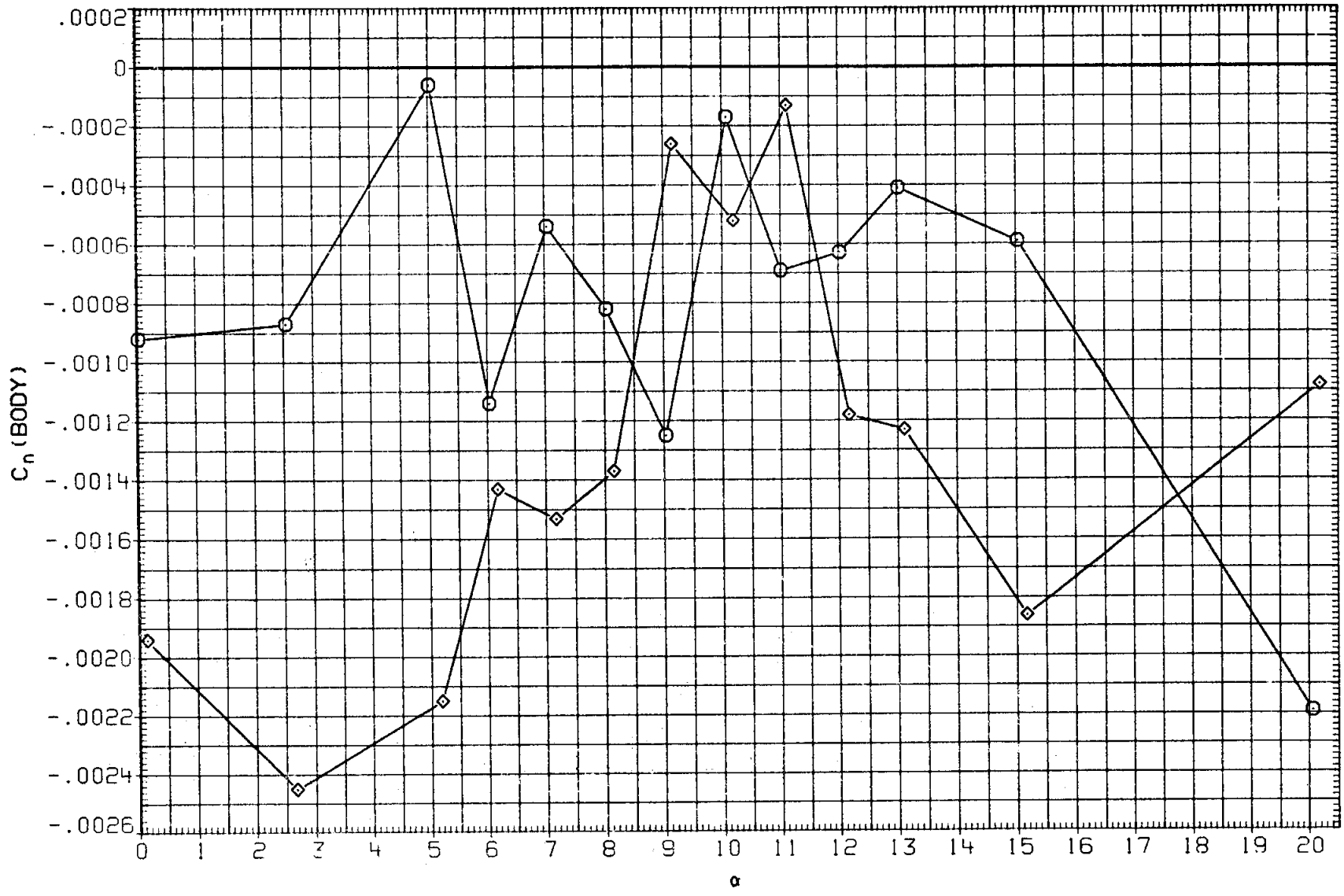


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

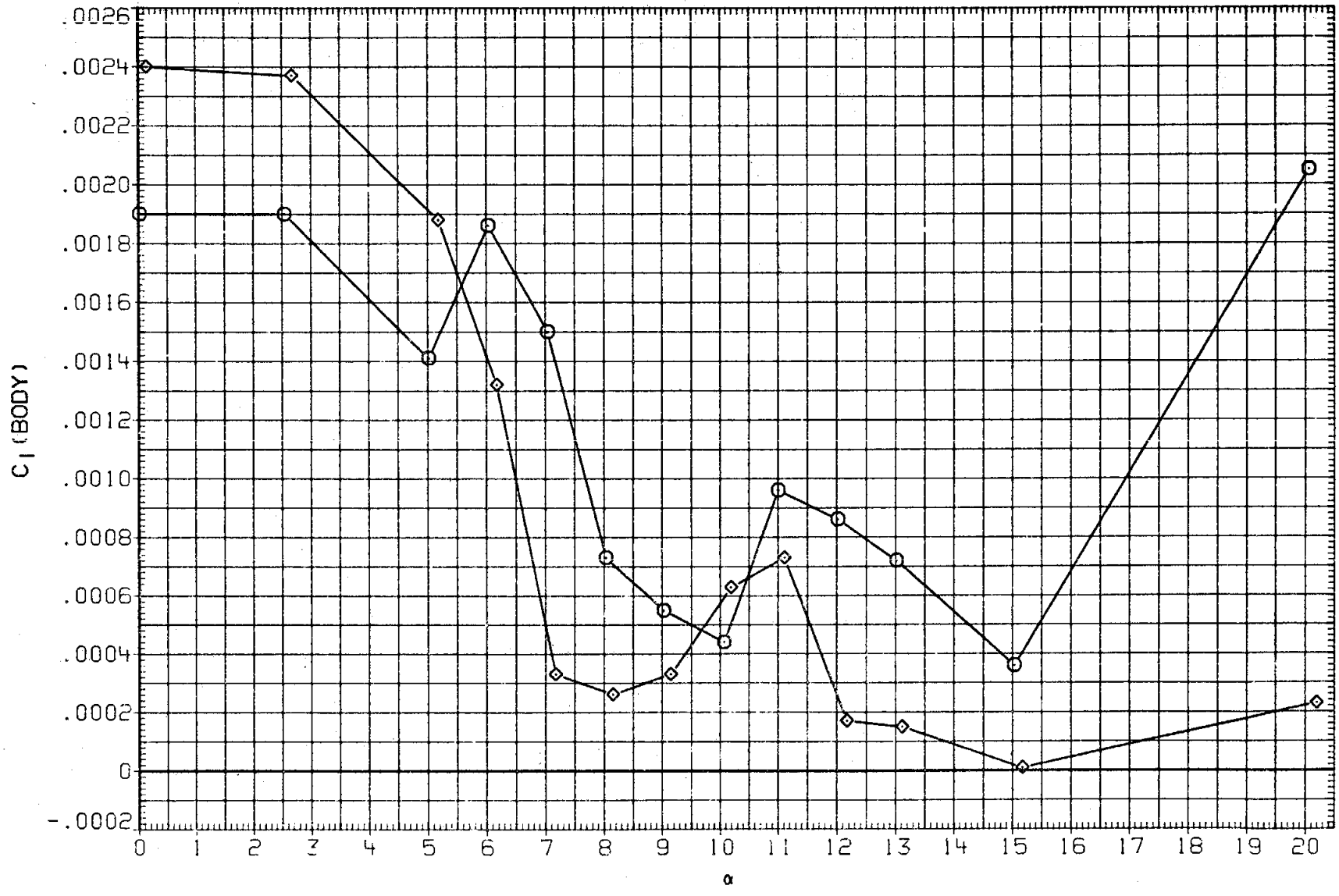


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

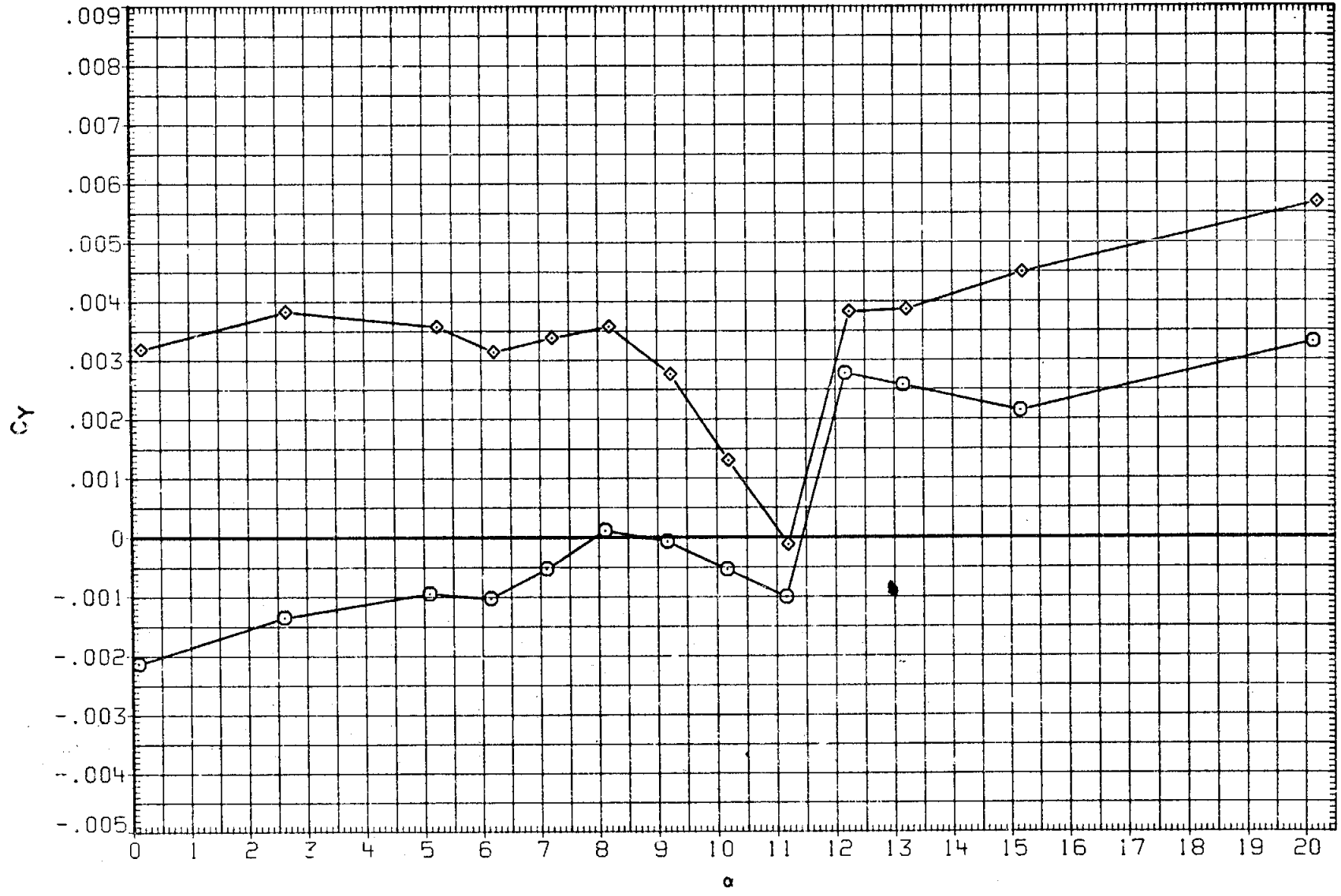


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

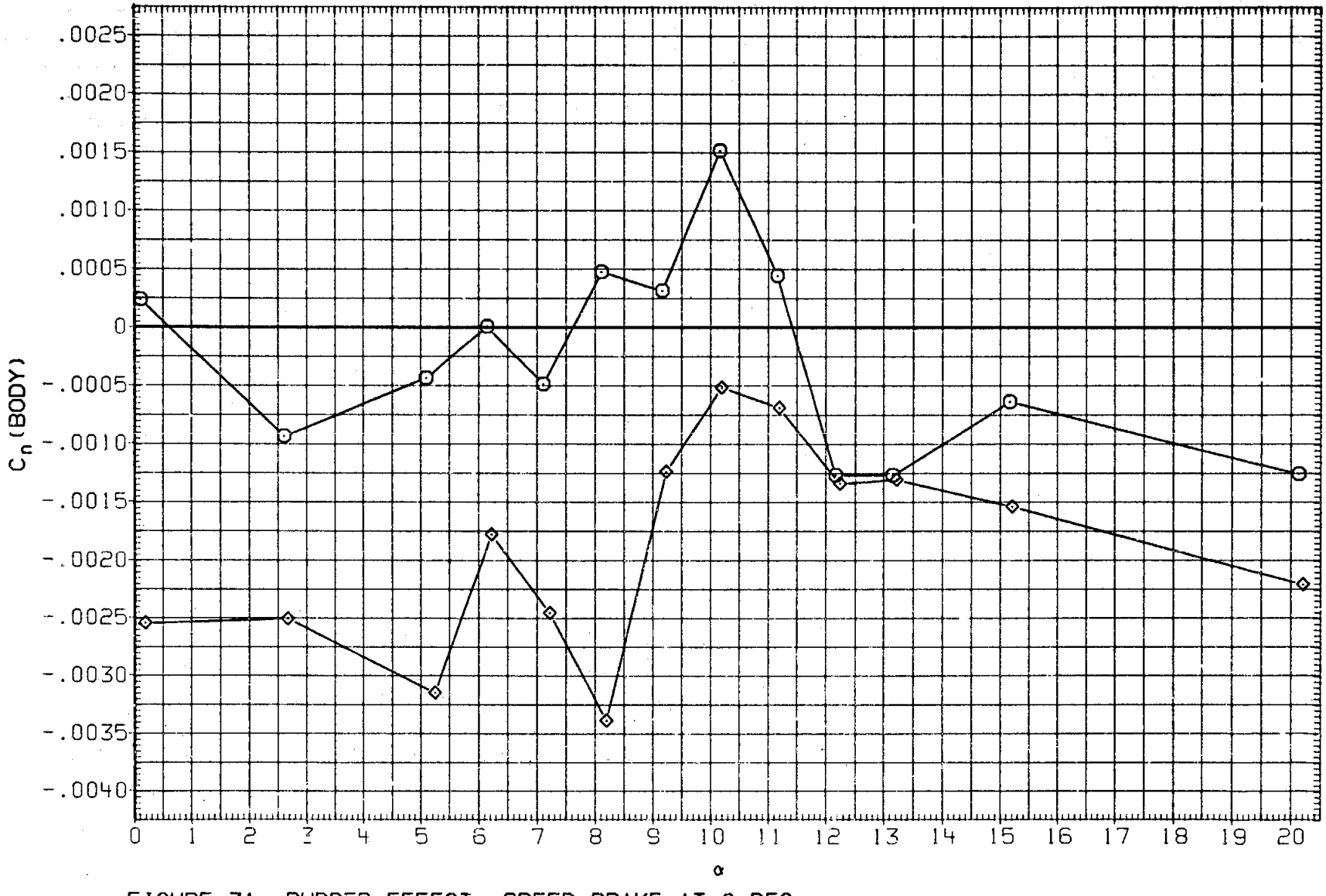


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

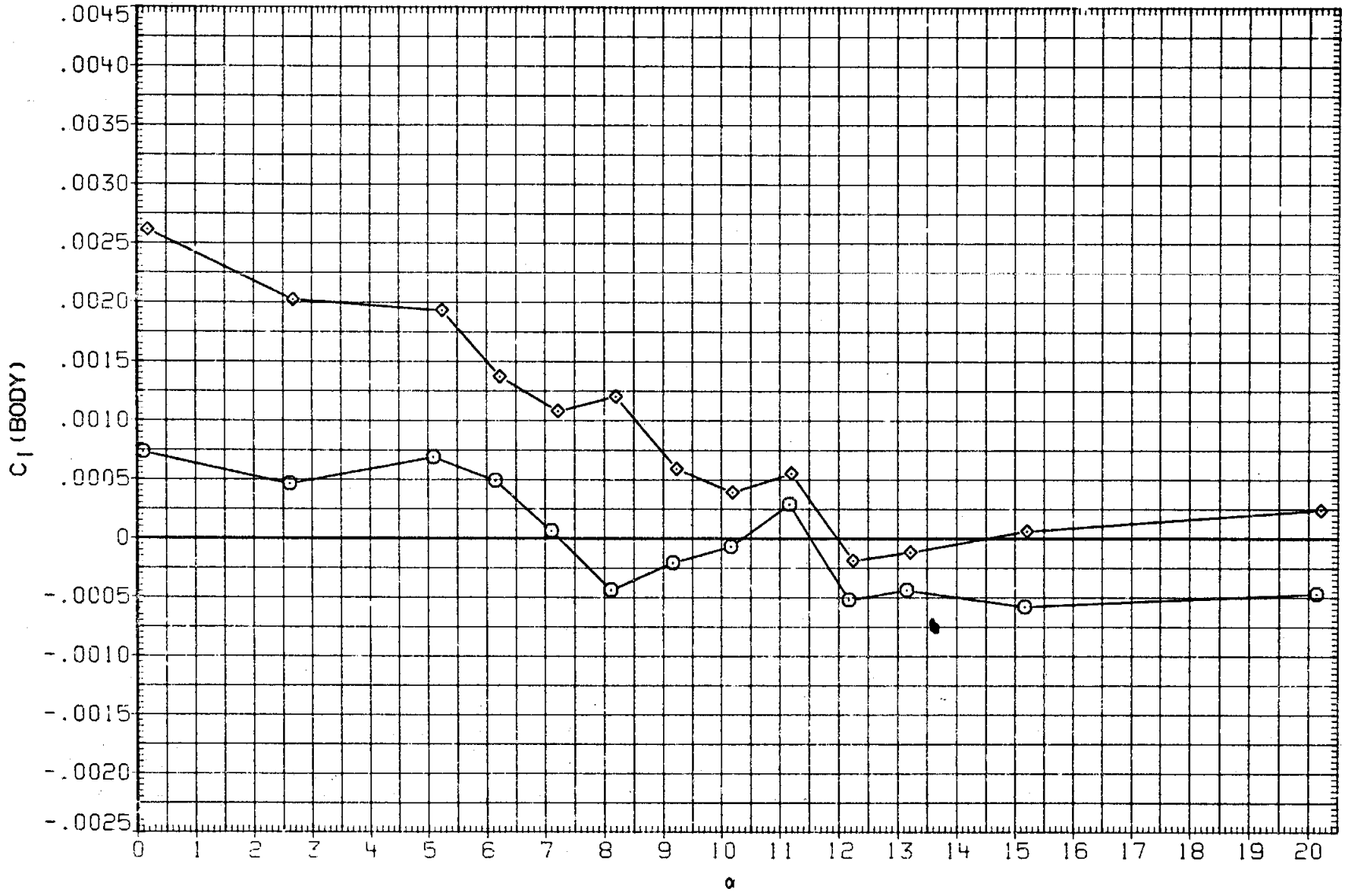


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
R2F070	□	AMES 118-1-11 0A145A 01
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.
R2F079	△	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	.000	-.030	.000
.000	.000	.000	.000	.000	.000	
.000	.000	.000	.000	.000	5.260	.000
.000	.000	.000	.000	.000	-5.000	

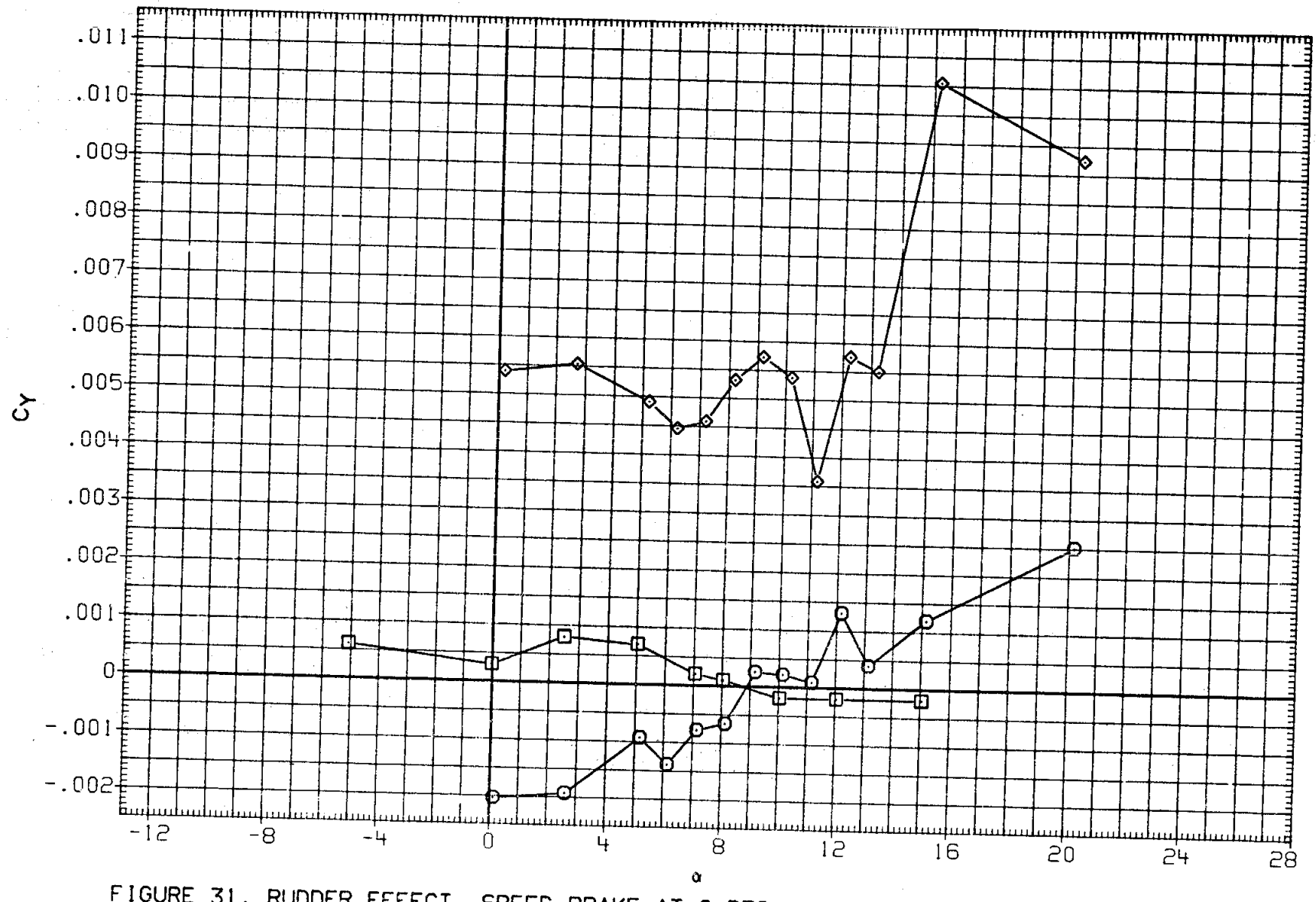


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

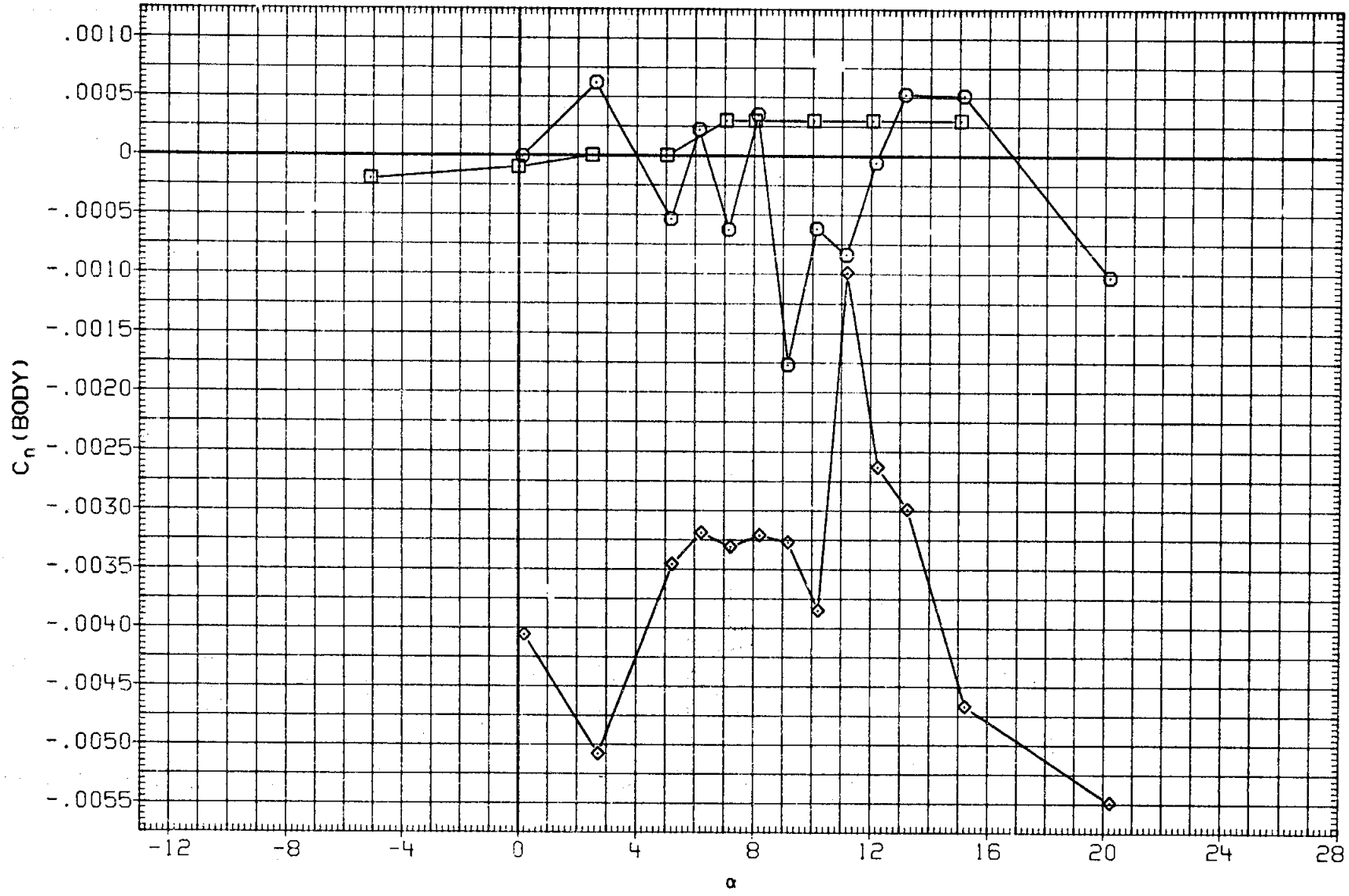


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 GA145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

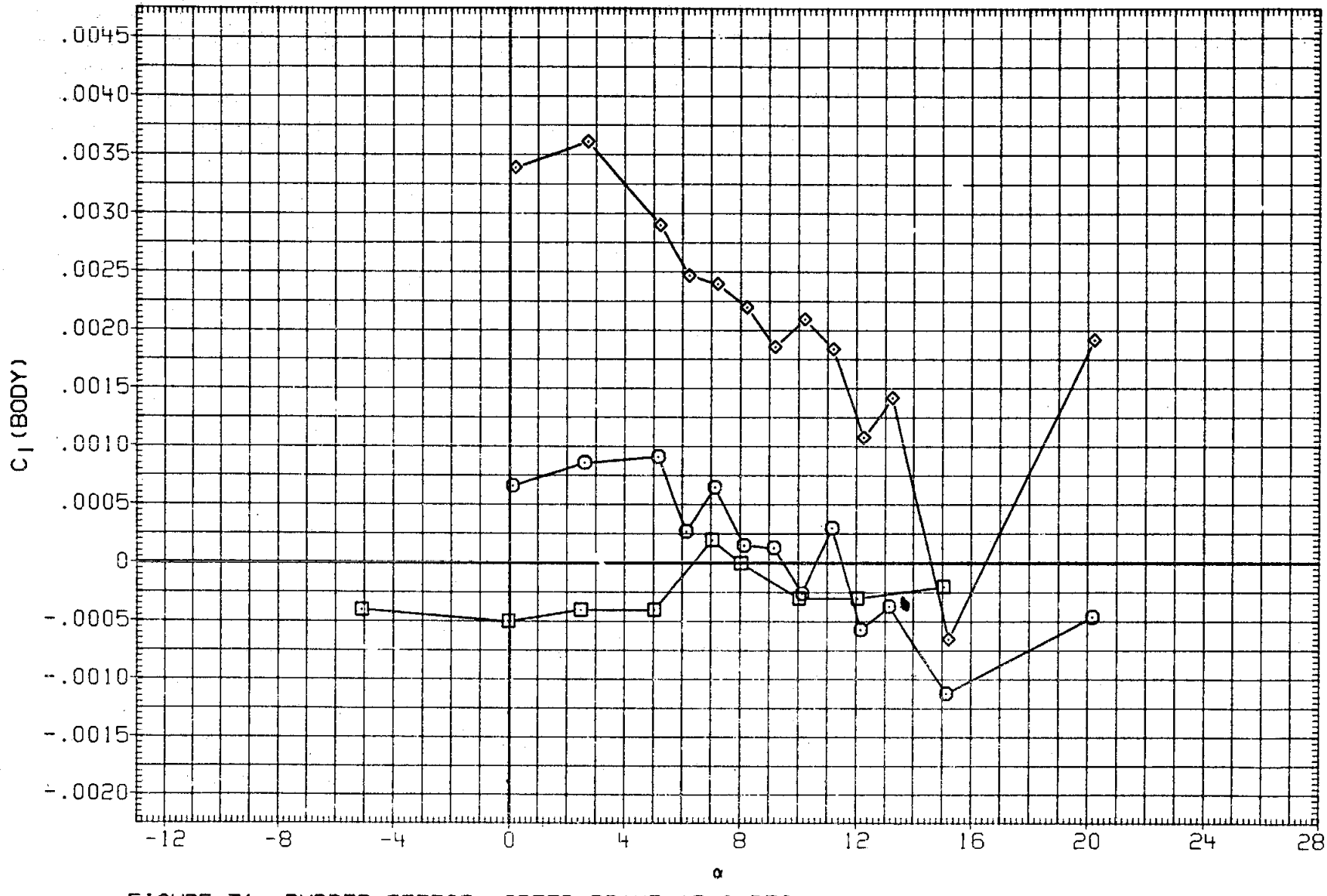


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

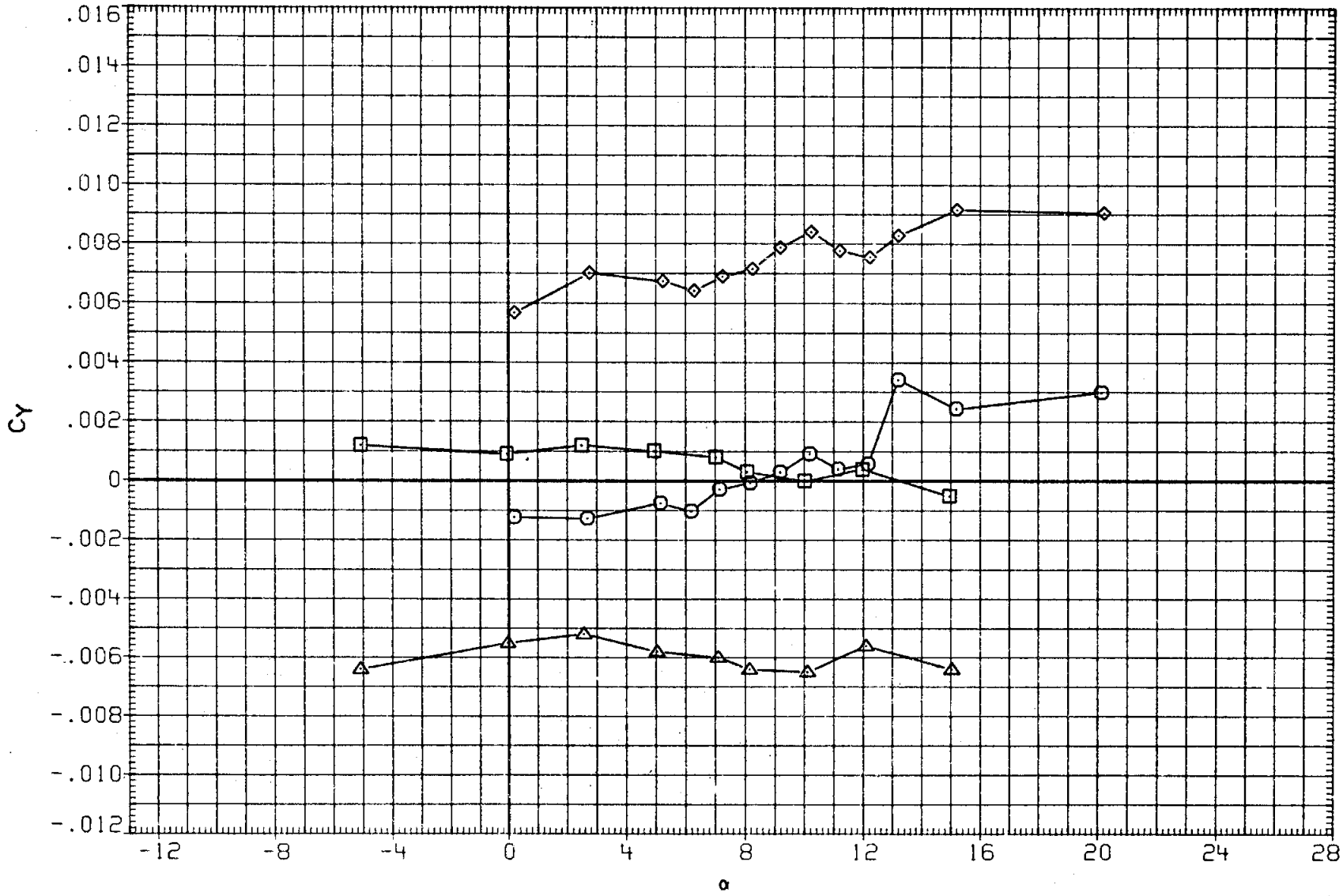


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

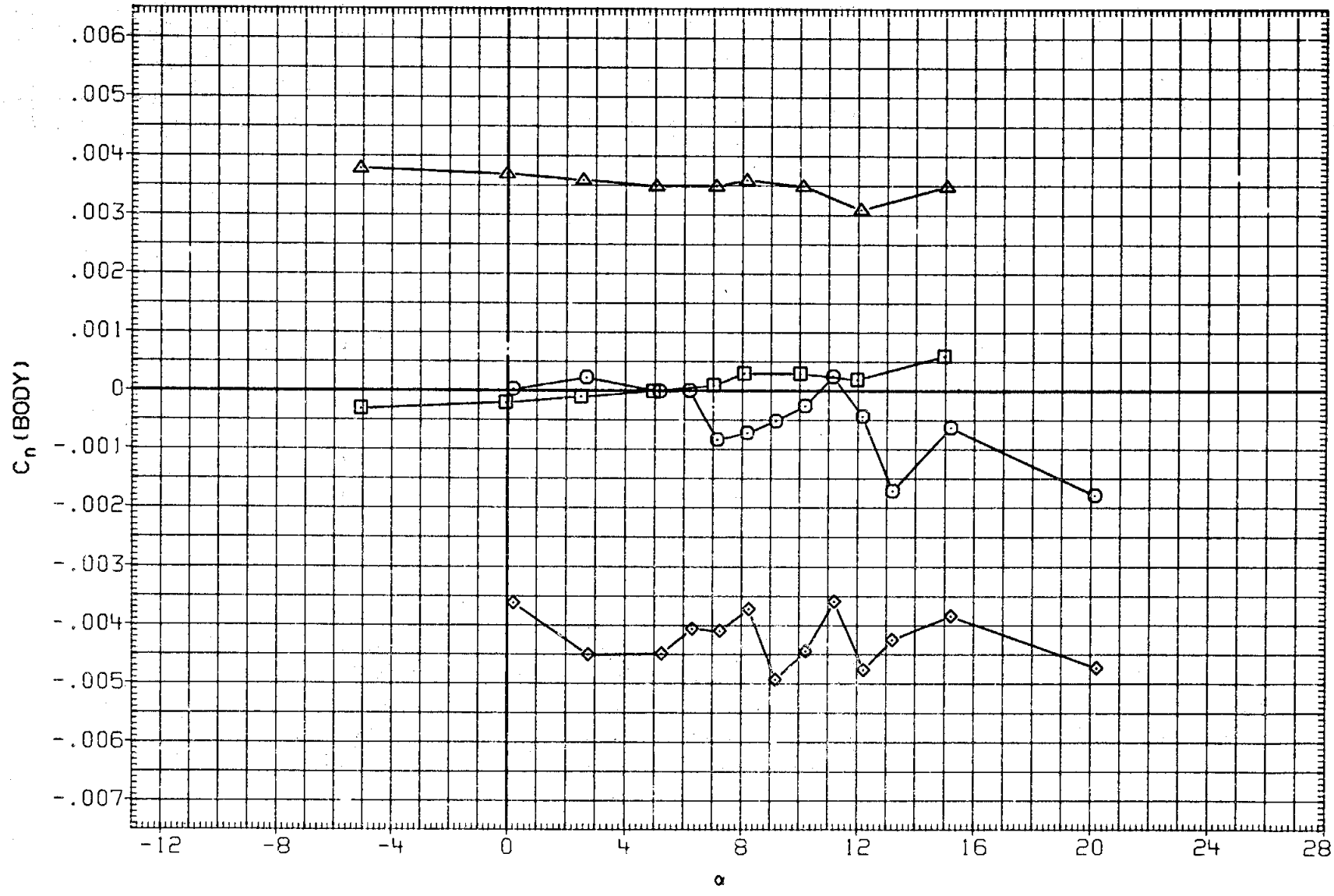


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(H) MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

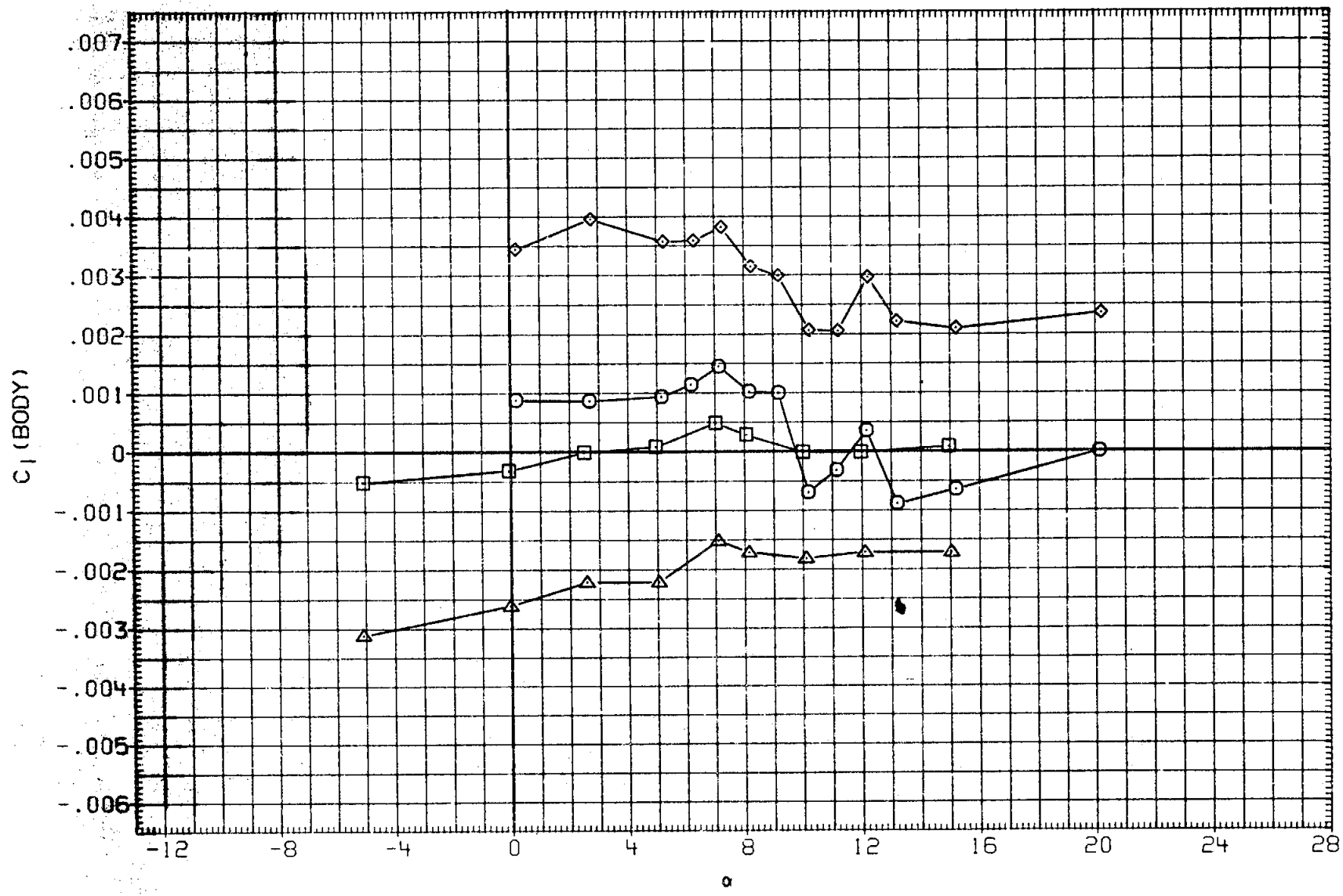


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
R2F070	□	DATA NOT AVAILABLE
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.
R2F079	△	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	.000	-.030	.000
.000	.000	.000	.000	.000	.000	
.000	.000	.000	.000	.000	5.260	.000
.000	.000	.000	.000	.000	-5.000	

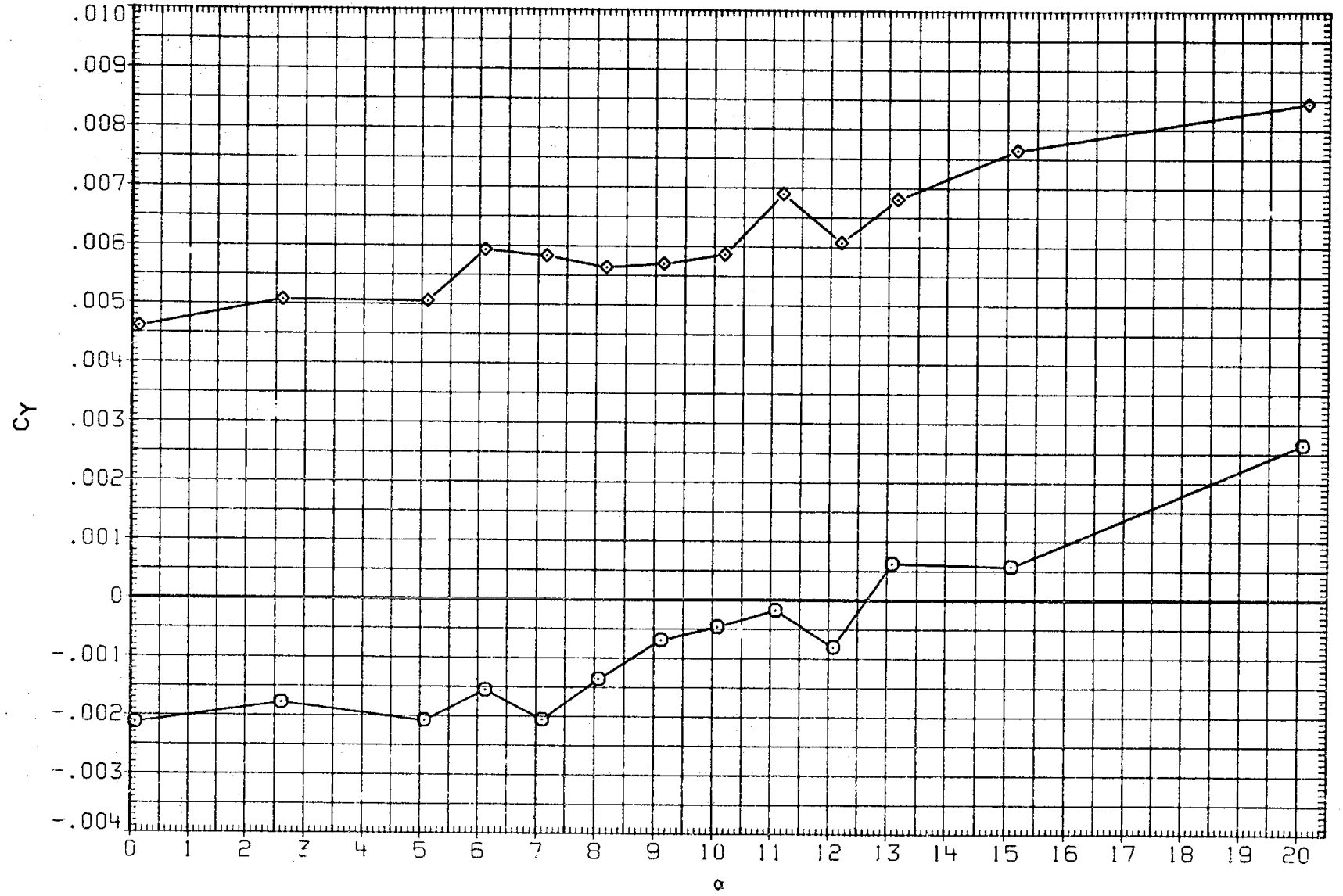


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 103-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

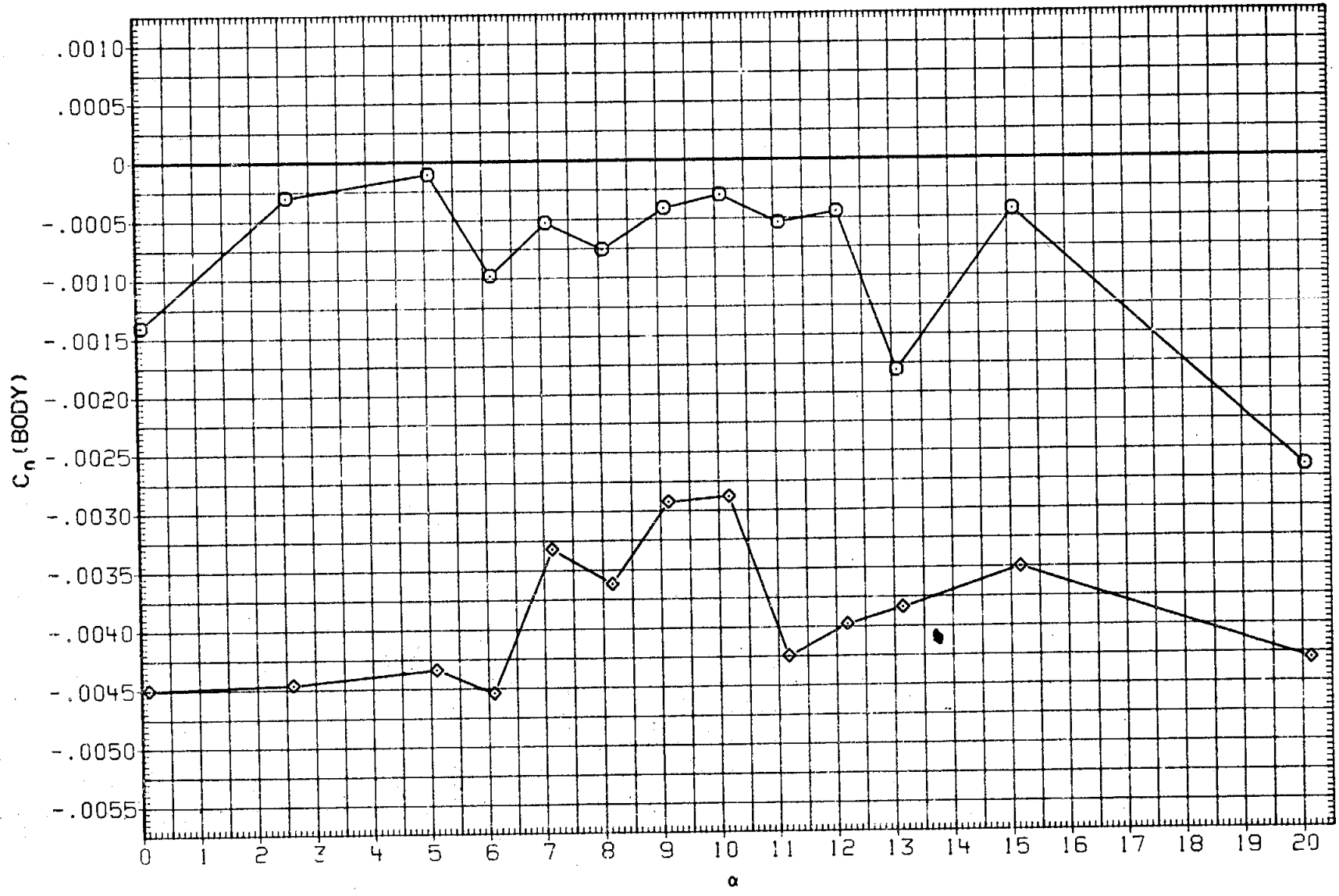


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	.000	
RK0017	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000	

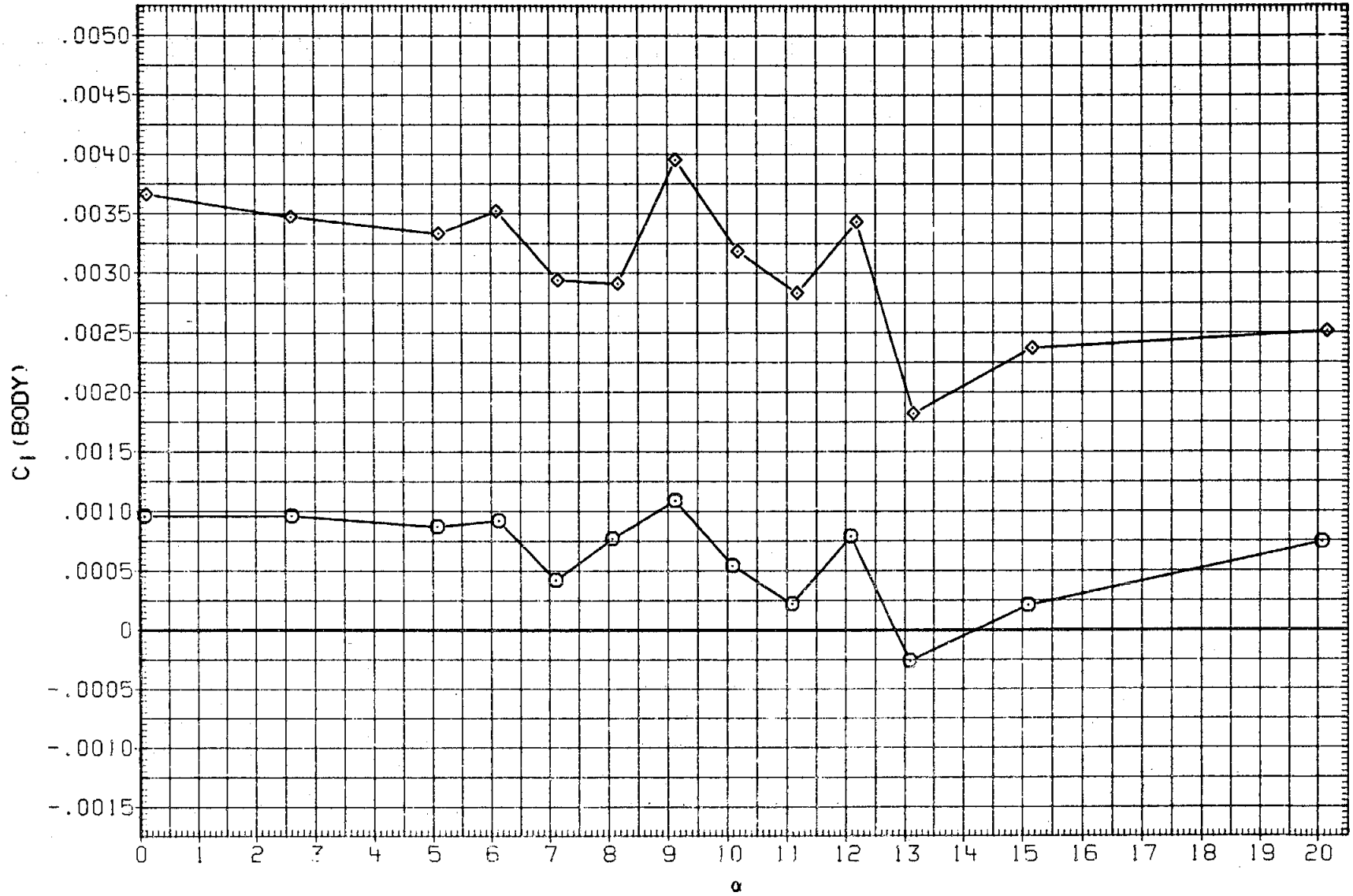


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

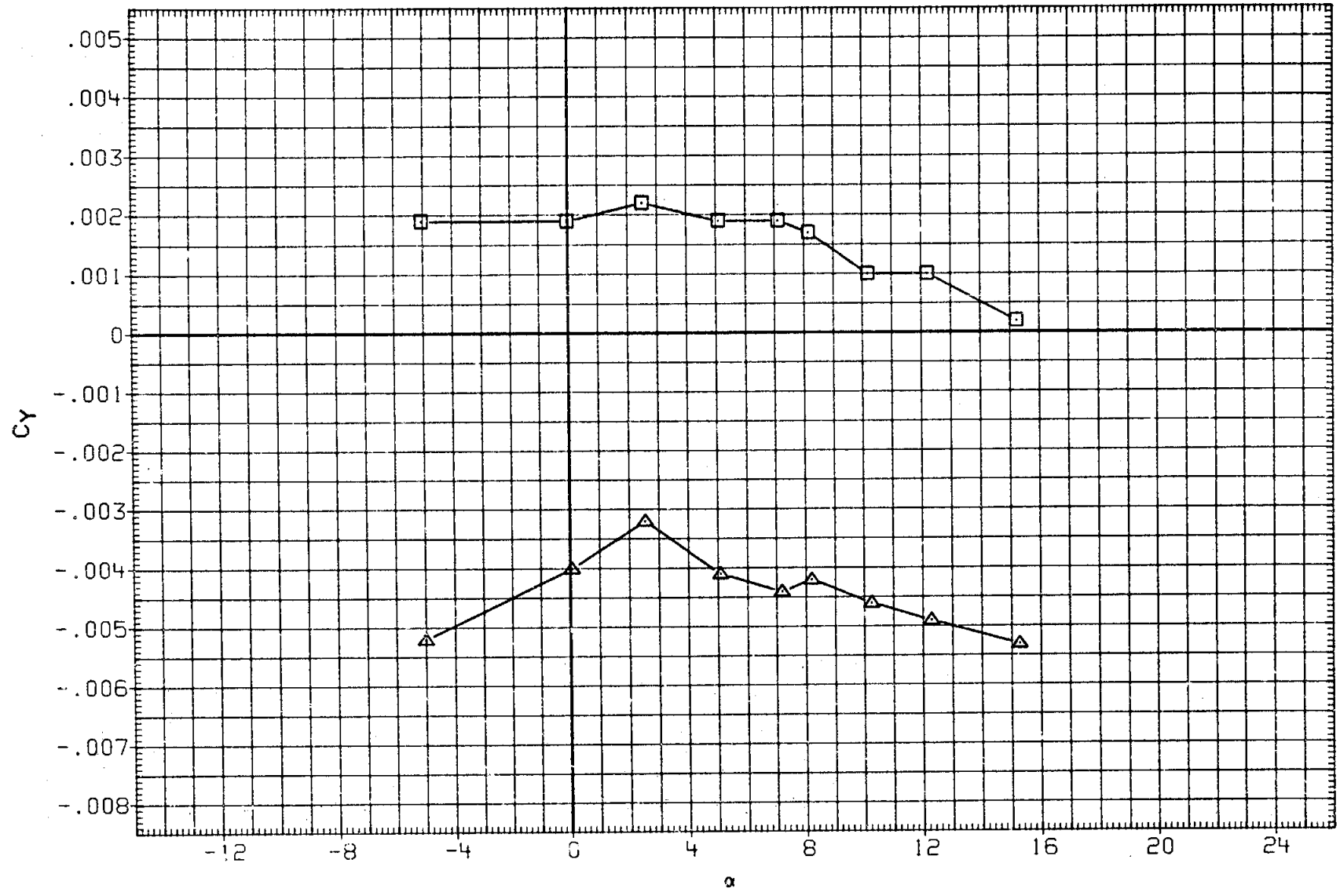


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(J)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION
RK0013	○	DATA NOT AVAILABLE
R2F070	□	AMES 118-1-11 0A145A 01
RK0017	◇	DATA NOT AVAILABLE
R2F079	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	.000	-.030	.000
.000	.000	.000	.000	.000	.000	
.000	.000	.000	.000	.000	5.260	.000
.000	.000	.000	.000	.000	-5.000	

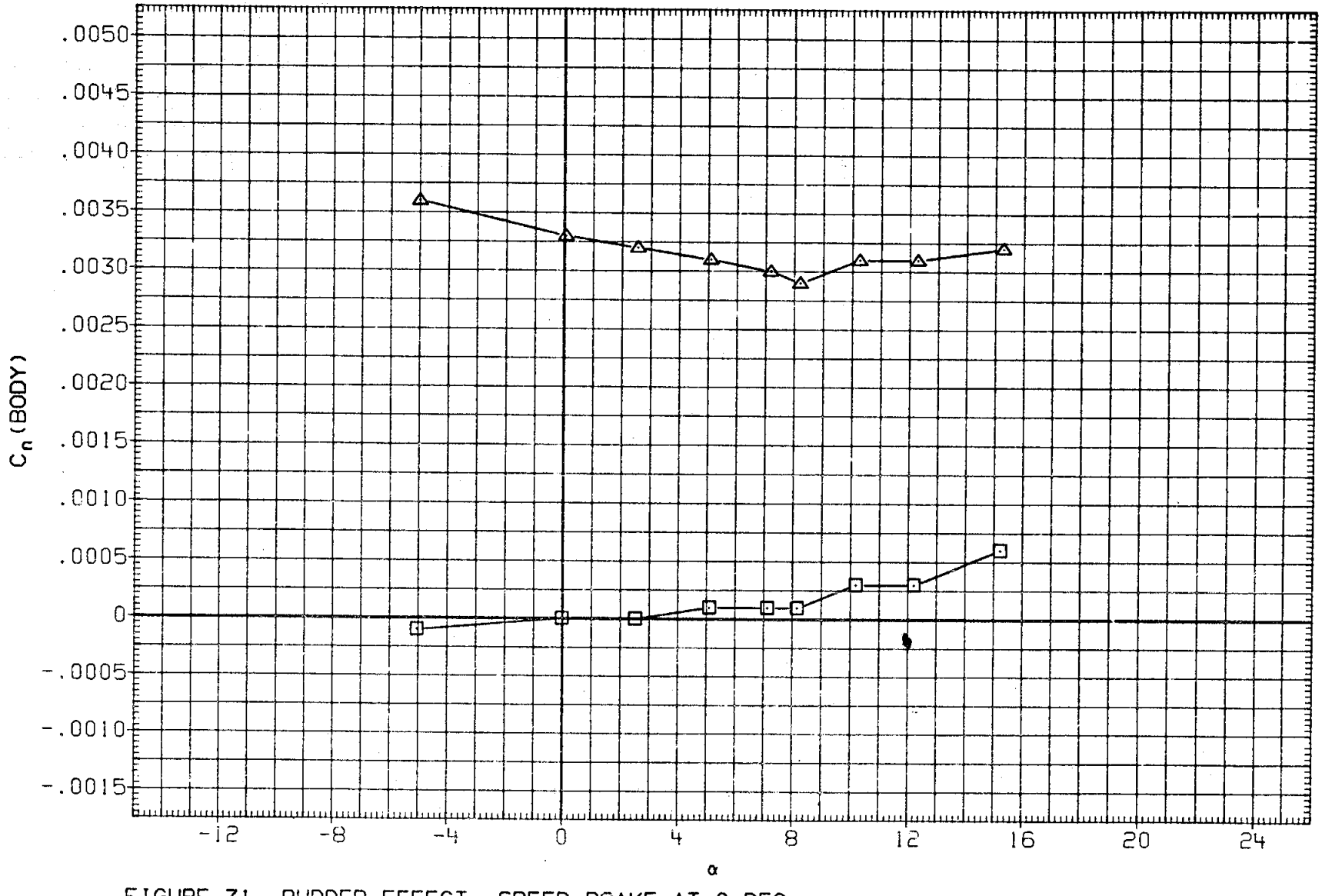


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(J)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0013	○	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-.030	.000
R2F070	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	.000	
RK0017	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.260	.000
R2F079	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000	

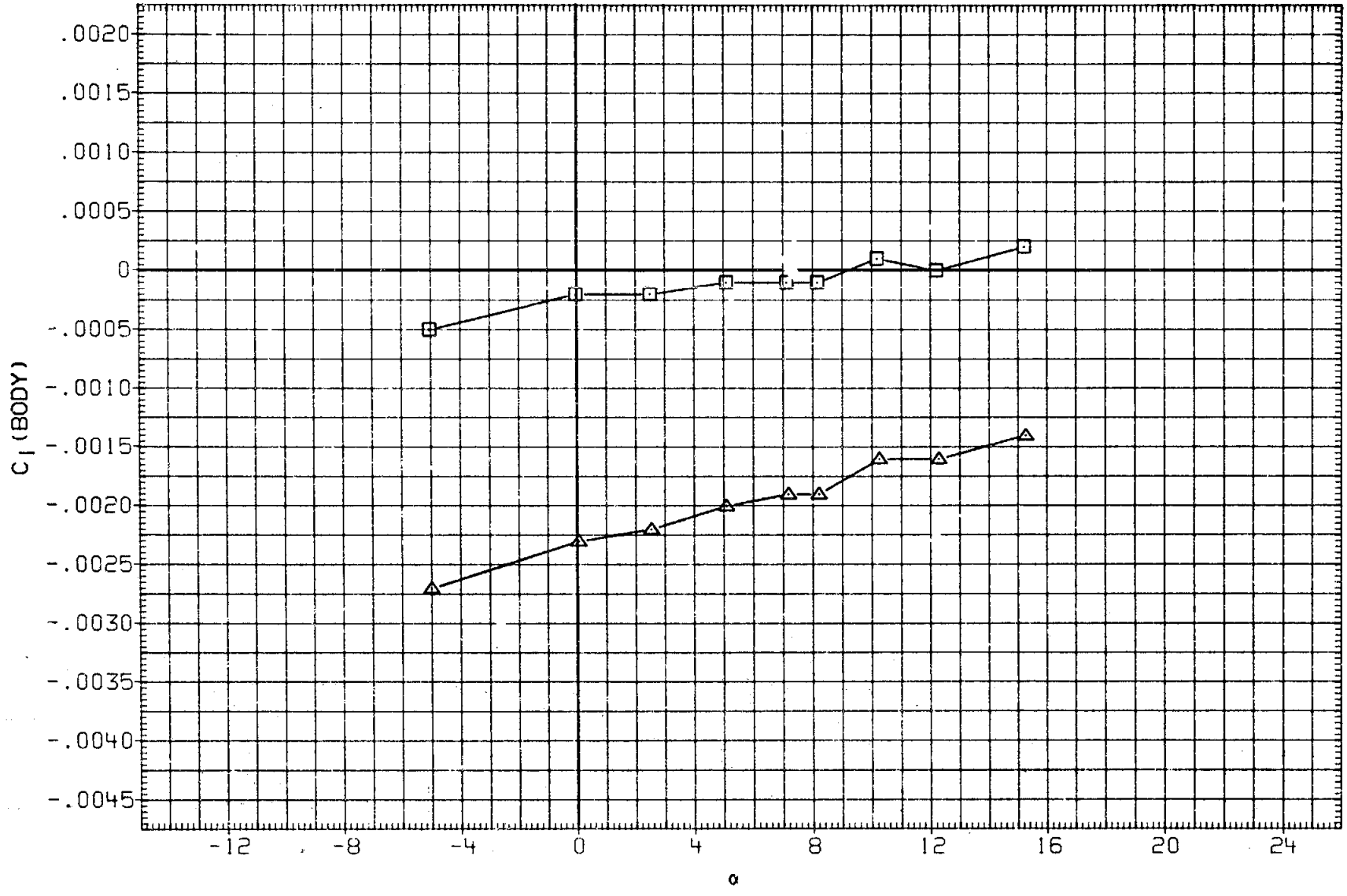


FIGURE 31. RUDDER EFFECT, SPEED BRAKE AT 0 DEG.

(J)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◺	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	◺	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

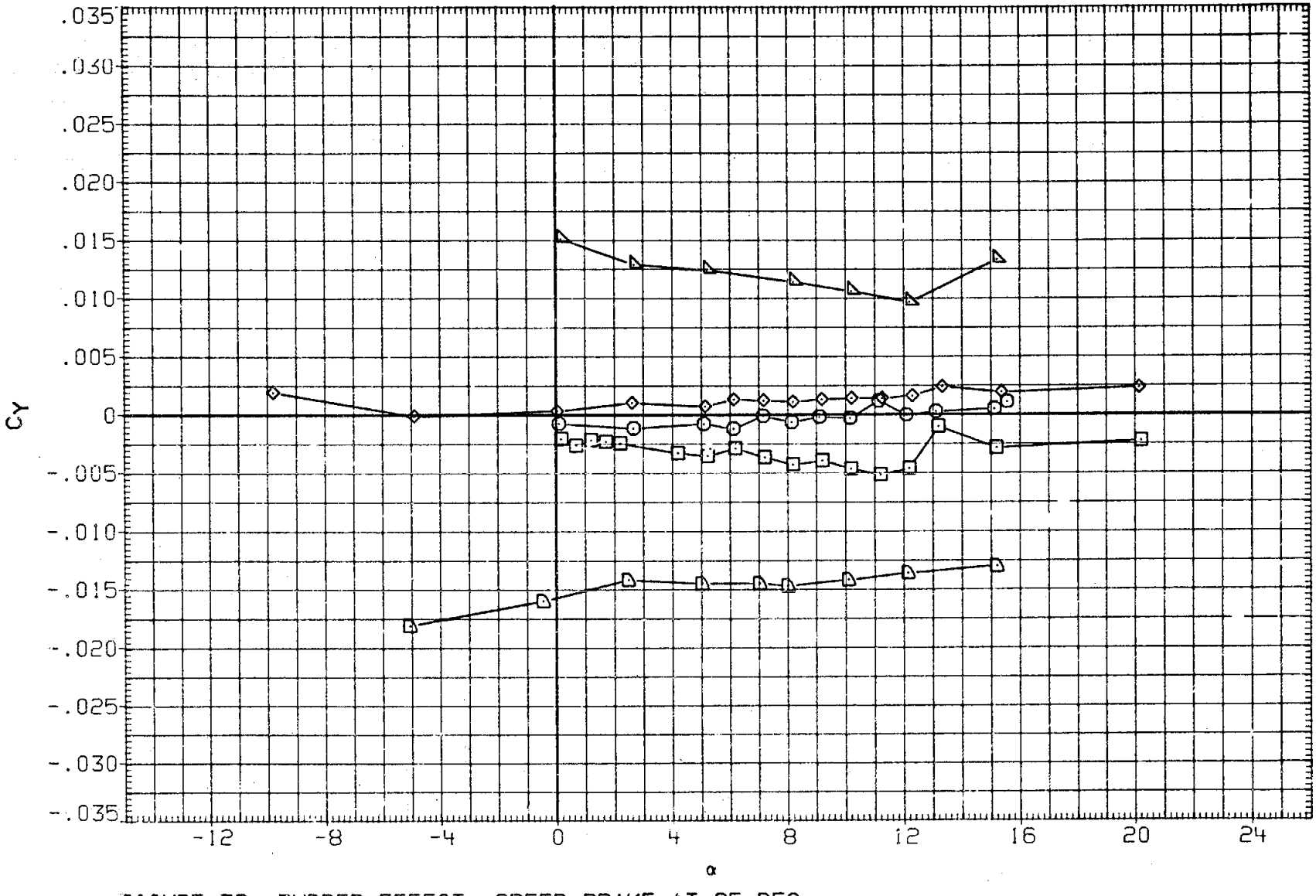


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
*RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.
R2F012	◇	AMES 118-1-11 0A145A 01
RK0016	△	DATA NOT AVAILABLE
RKN029	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.
R2F066	▷	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	25.500	-.030	.000
.000	.000	.000	.000	25.000	.000	.000
.000	.000	.000	.000	25.000	.000	
.000	.000	.000	.000	25.500	5.240	.000
.000	.000	.000	.000	25.000	5.000	.000
.000	.000	.000	.000	25.000	-5.000	

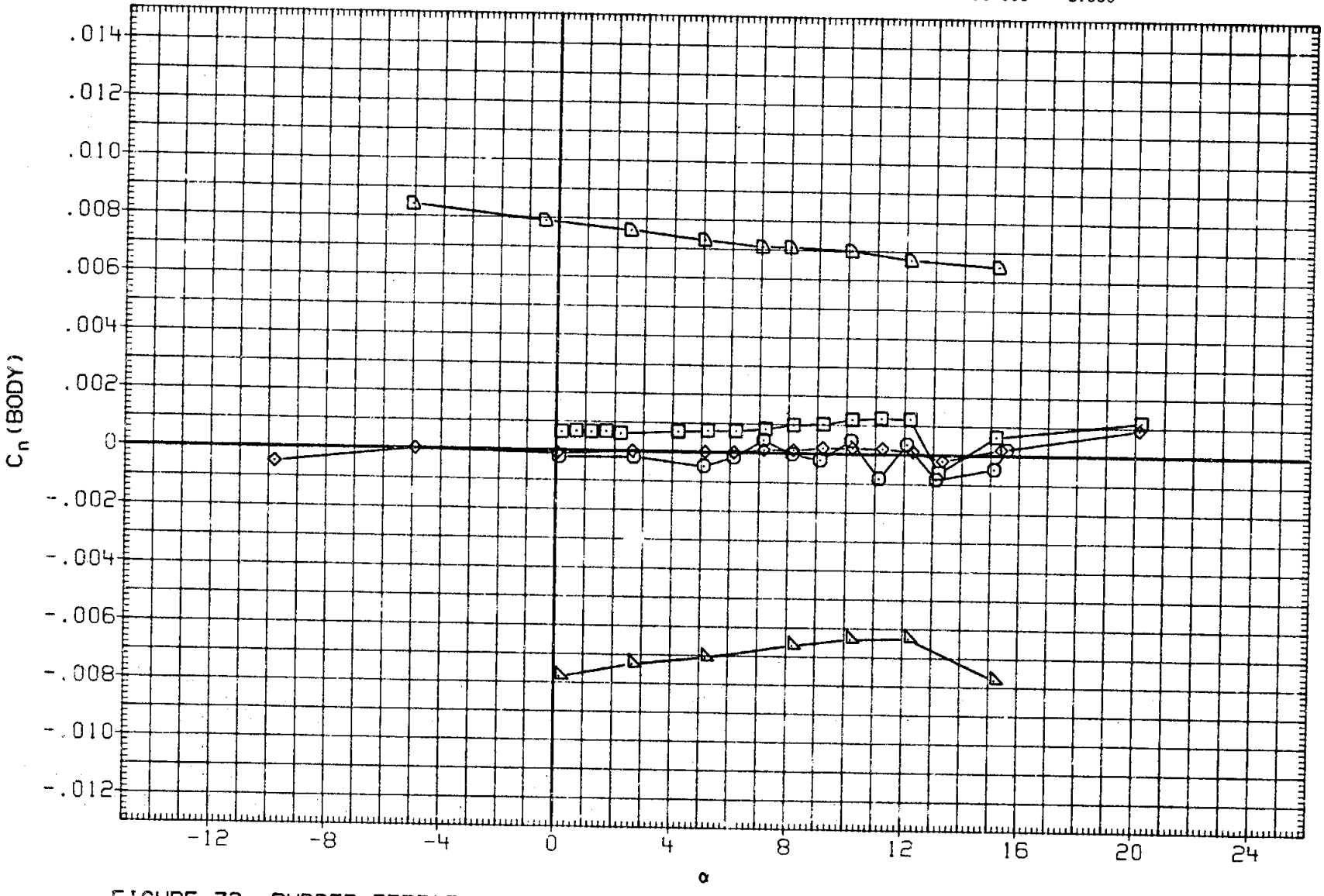


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	⊿	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▱	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

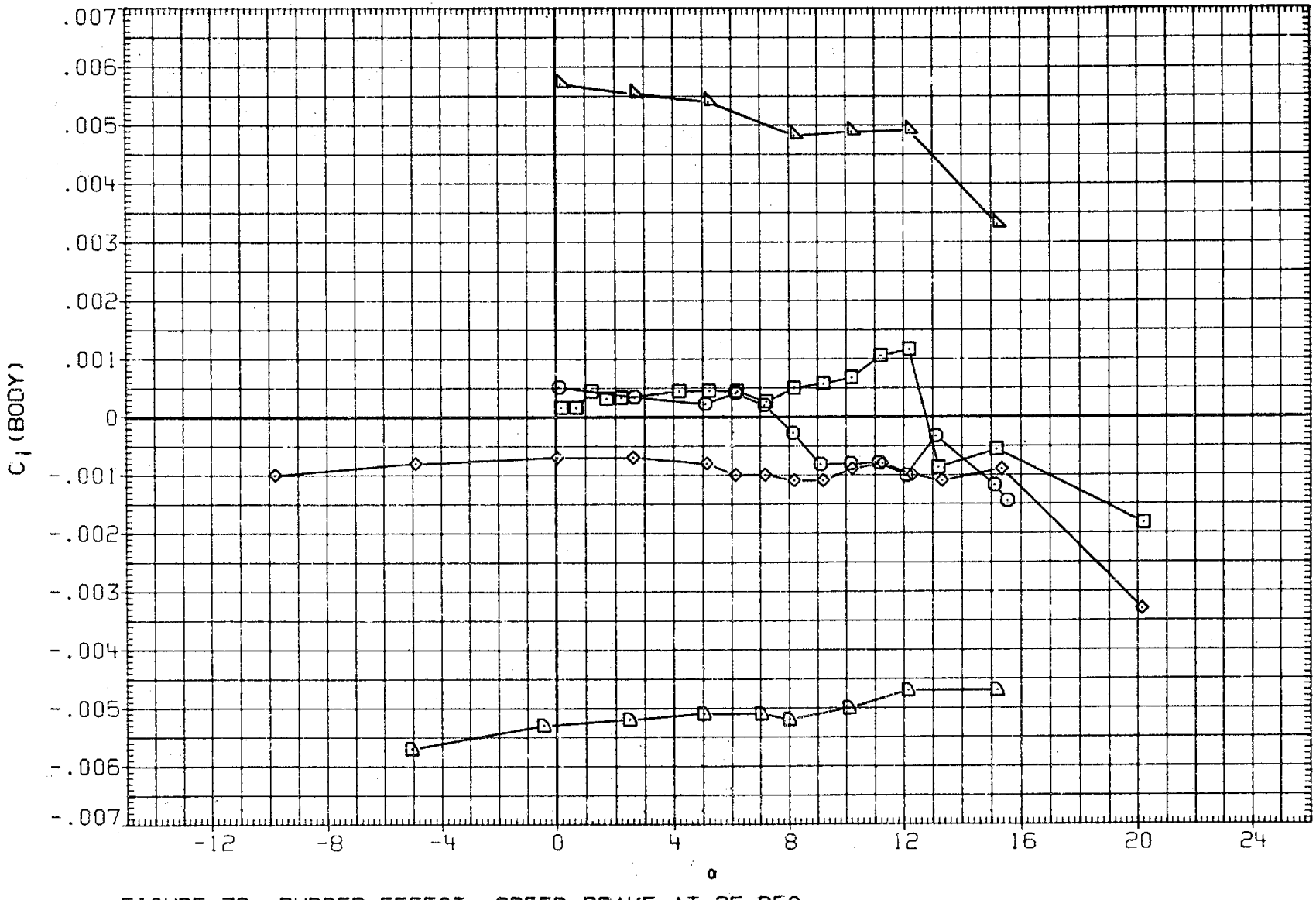


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

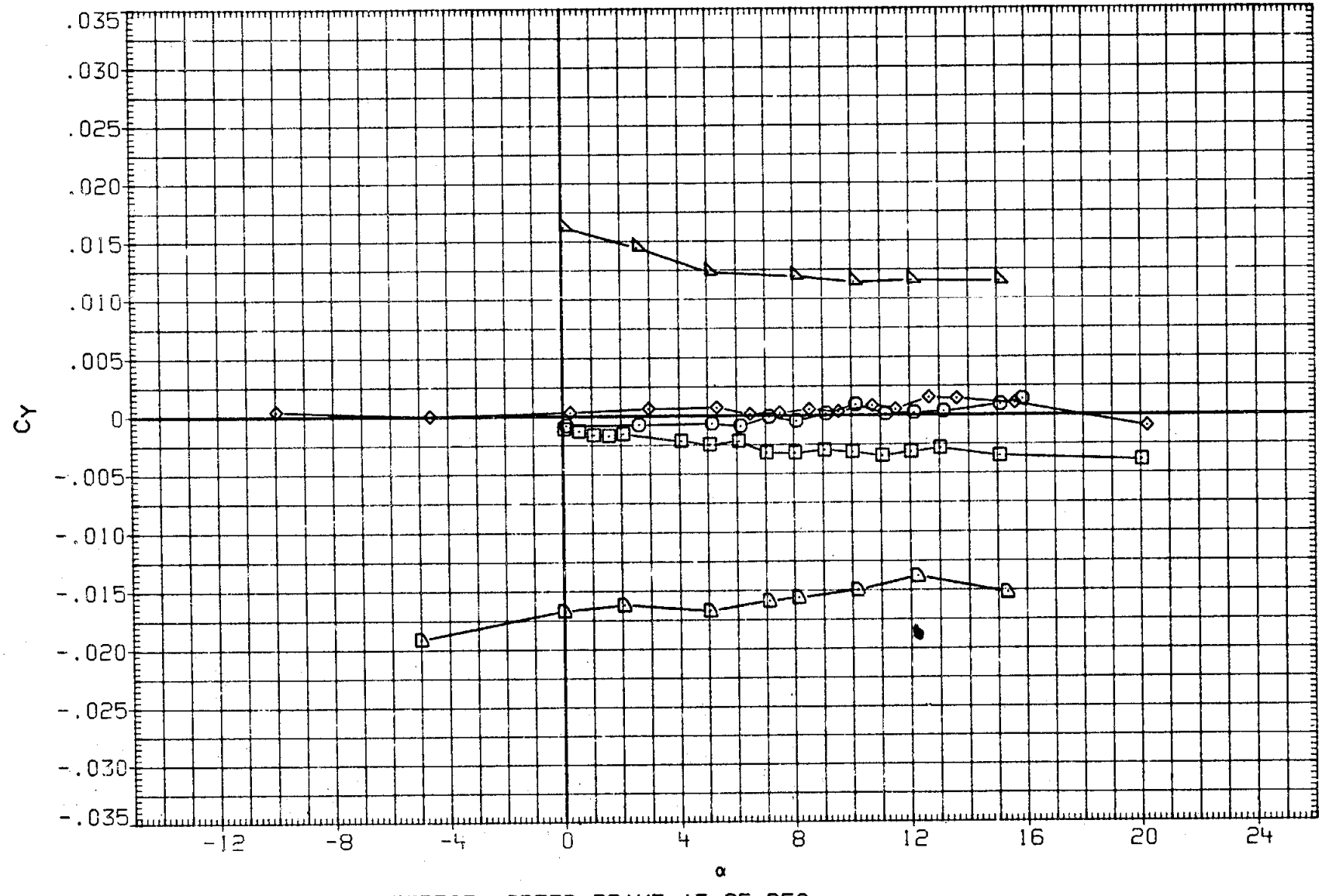


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▱	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▱	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

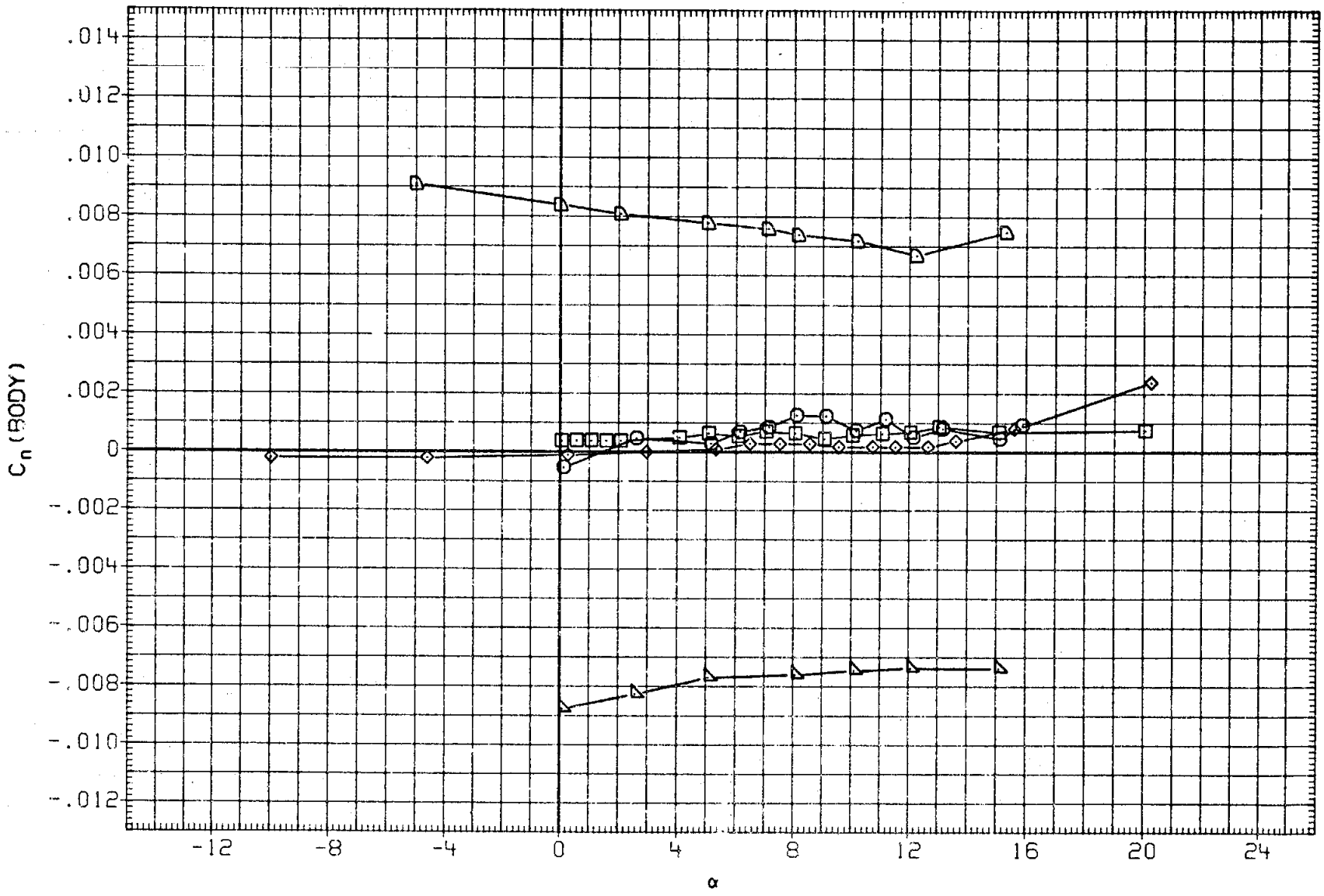


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	LARC 16FT TWT 326(0A270A) 79-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

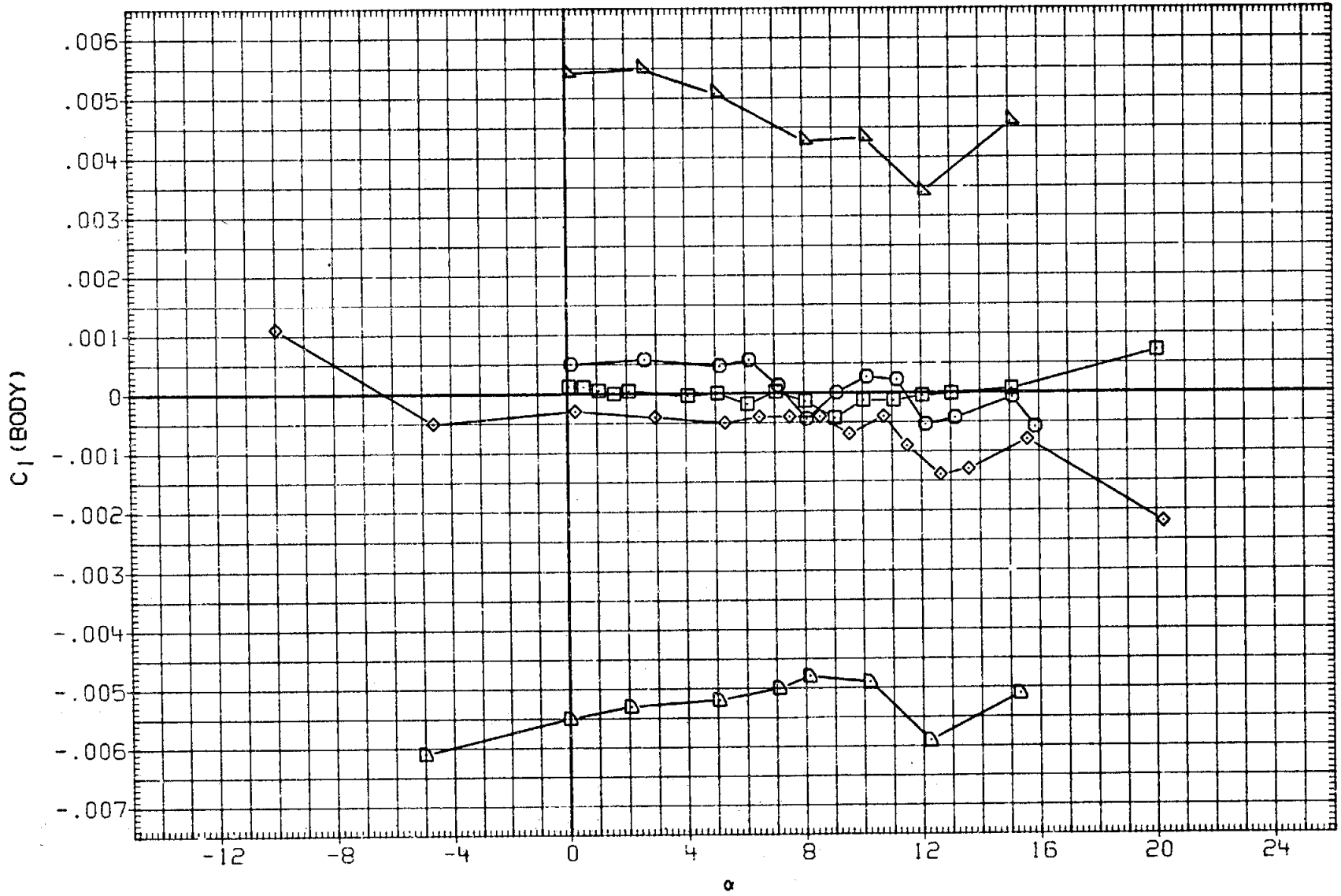


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.
R2F012	◇	AMES 118-1-11 0A145A 01
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.
RKN029	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.
R2F066	▷	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	25.500	-.030	.000
.000	.000	.000	.000	25.000	.000	.000
.000	.000	.000	.000	25.000	.000	
.000	.000	.000	.000	25.500	5.240	.000
.000	.000	.000	.000	25.000	5.000	.000
.000	.000	.000	.000	25.000	-5.000	

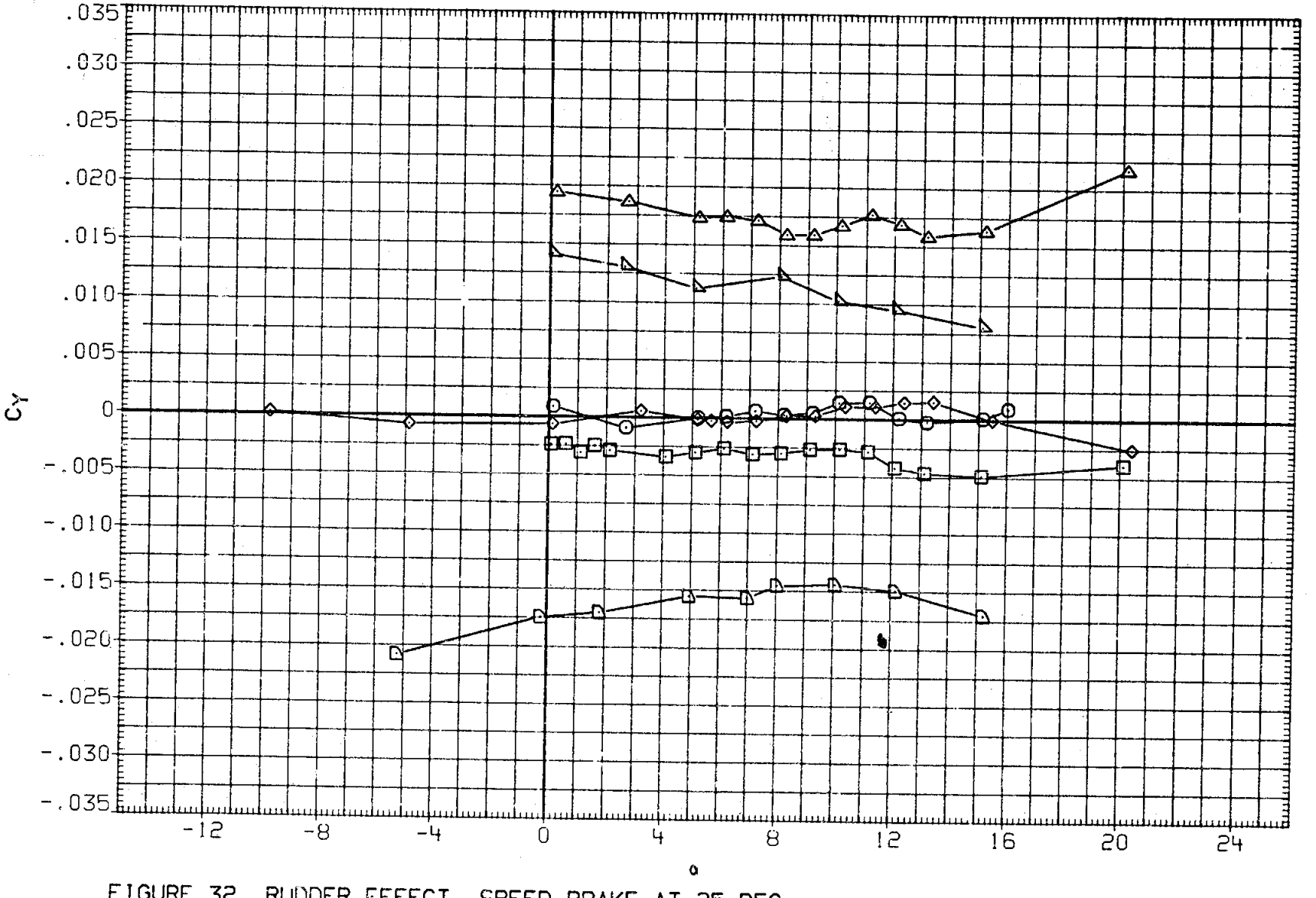


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 11ε-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

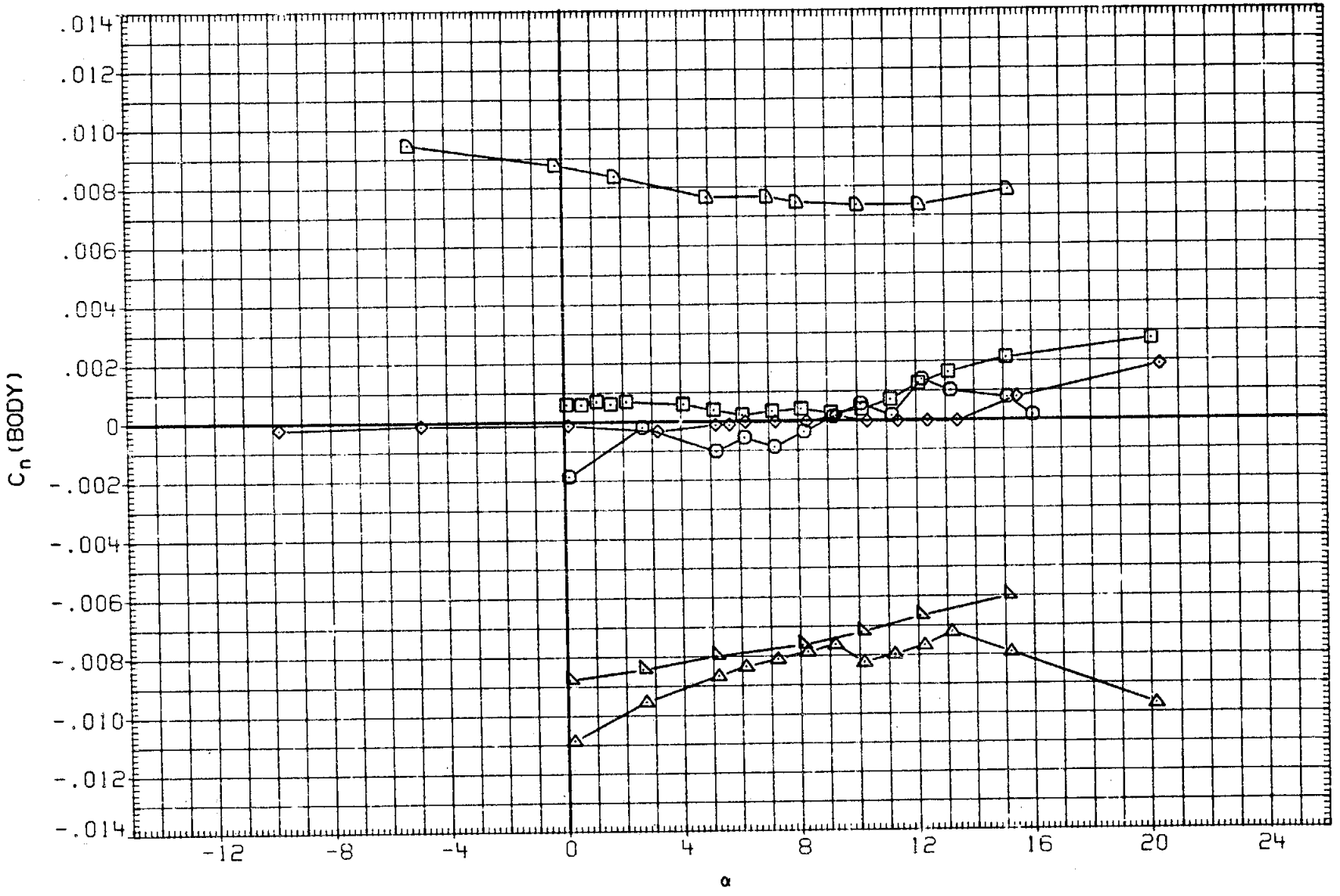


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

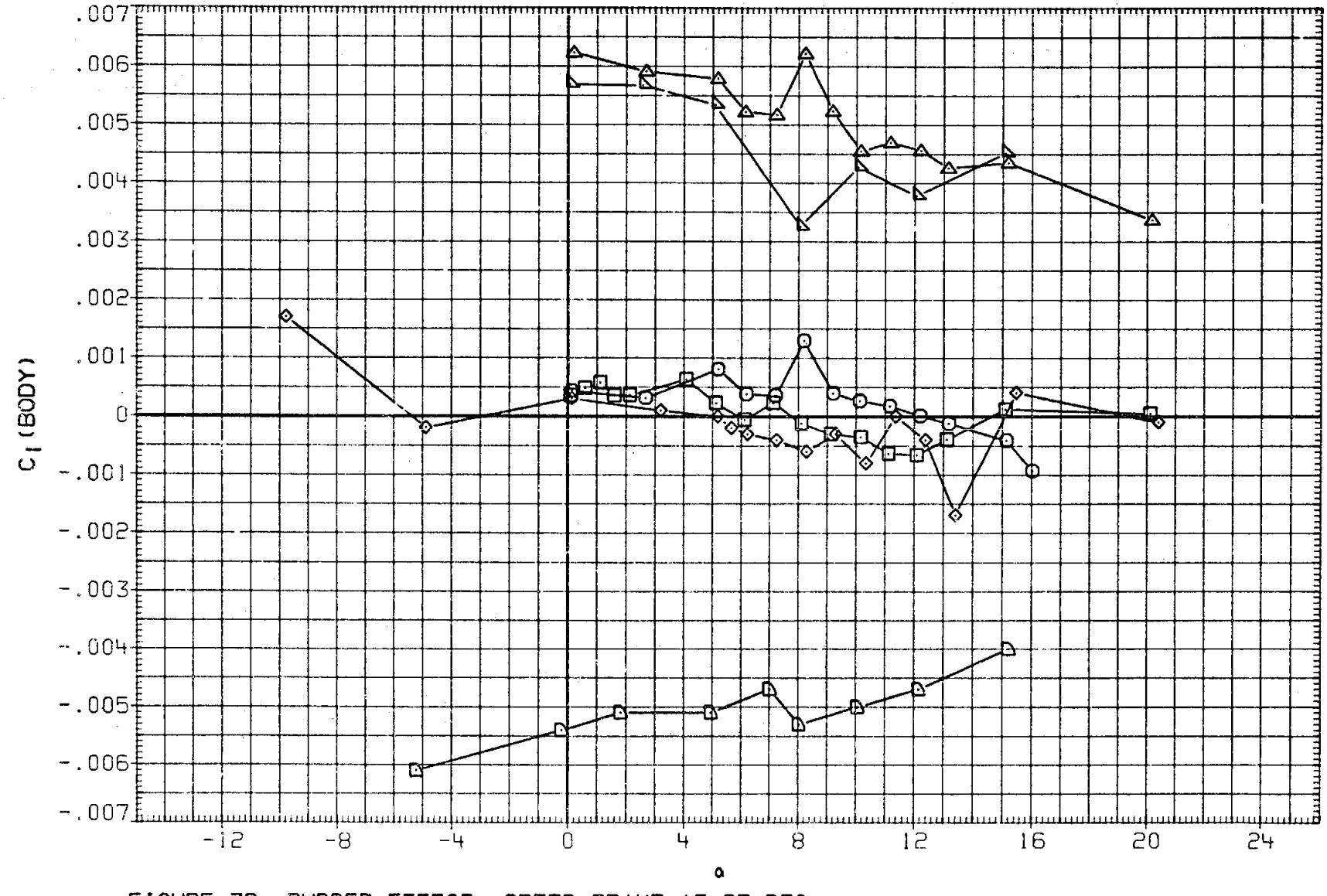


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⌂	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

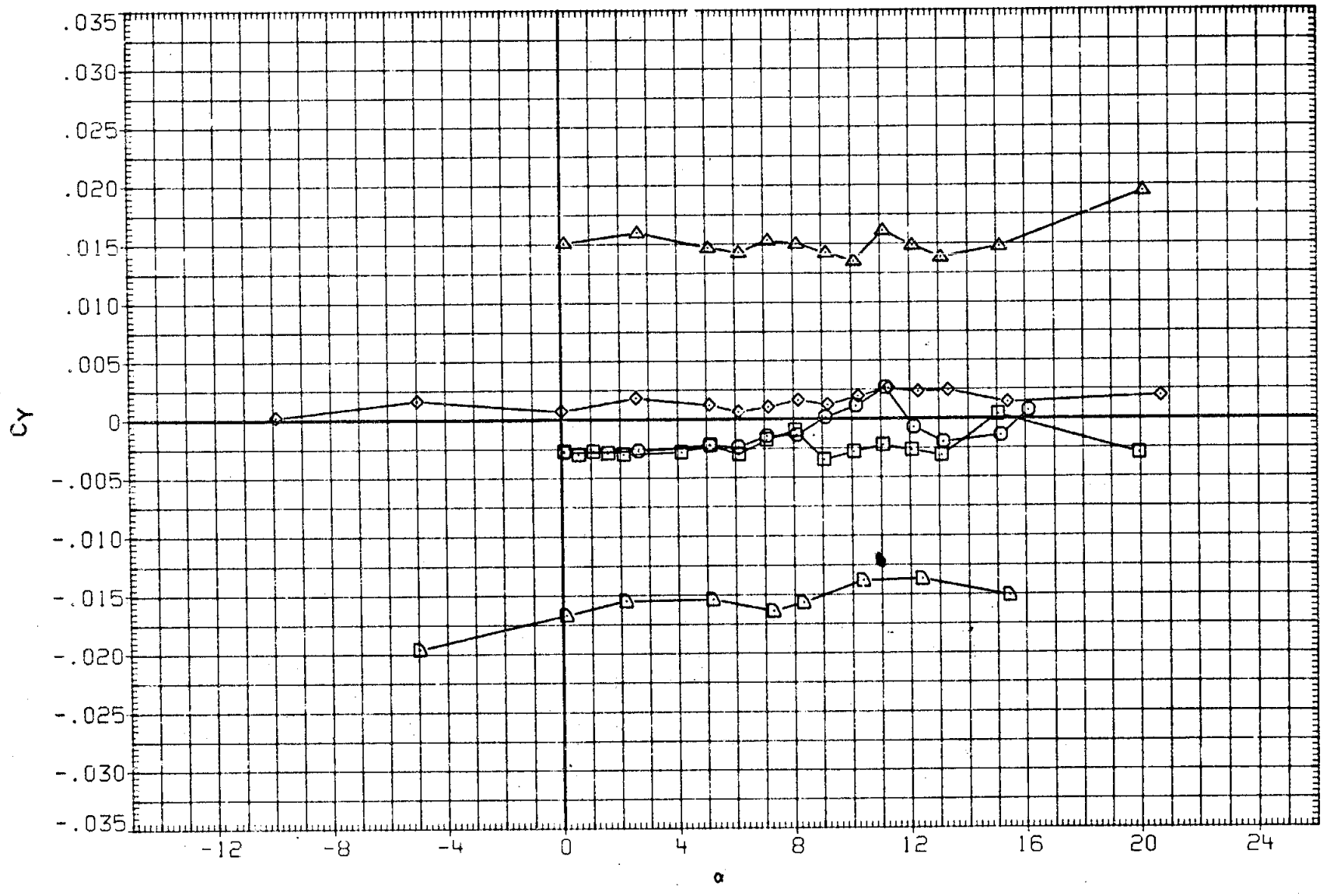


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

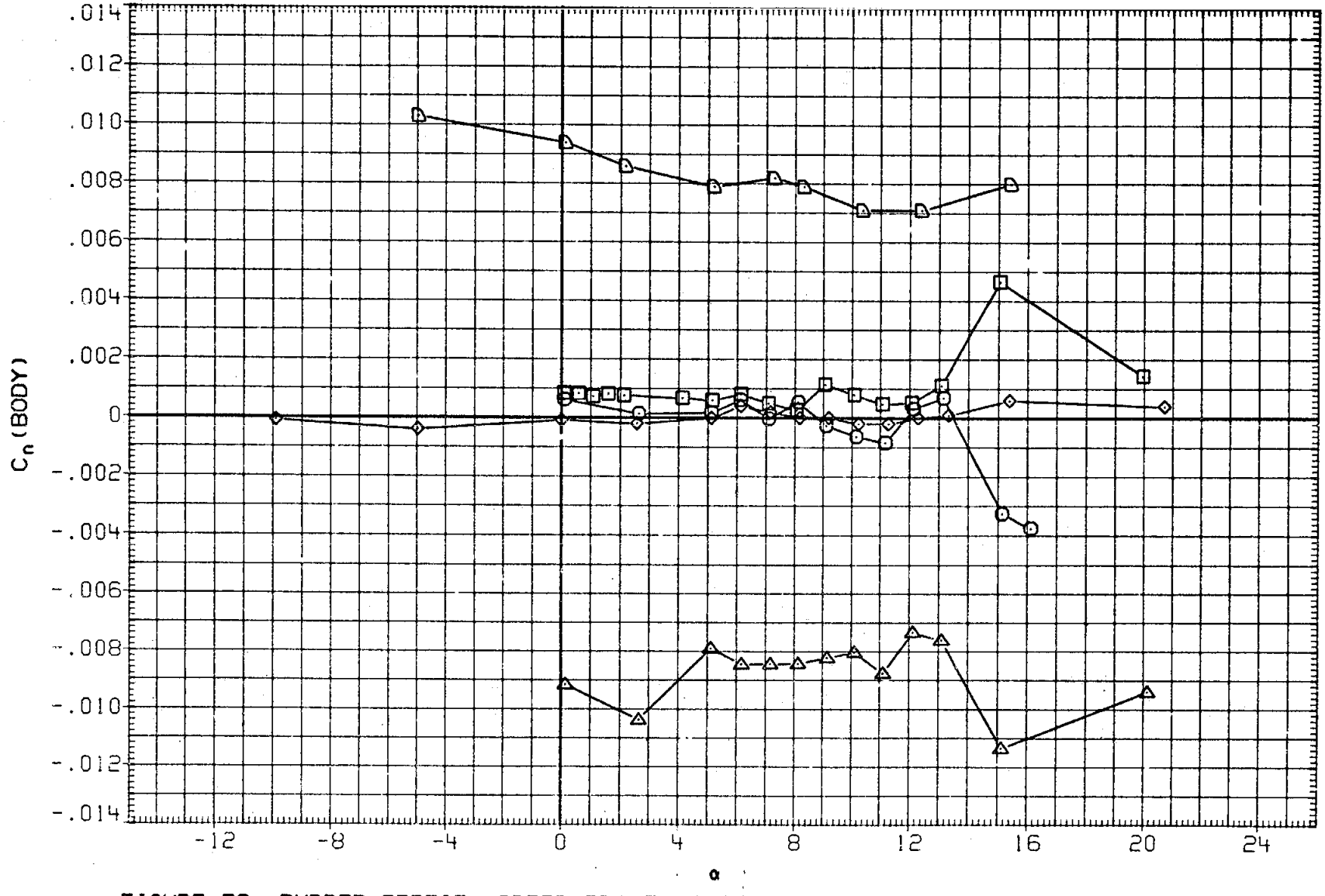


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

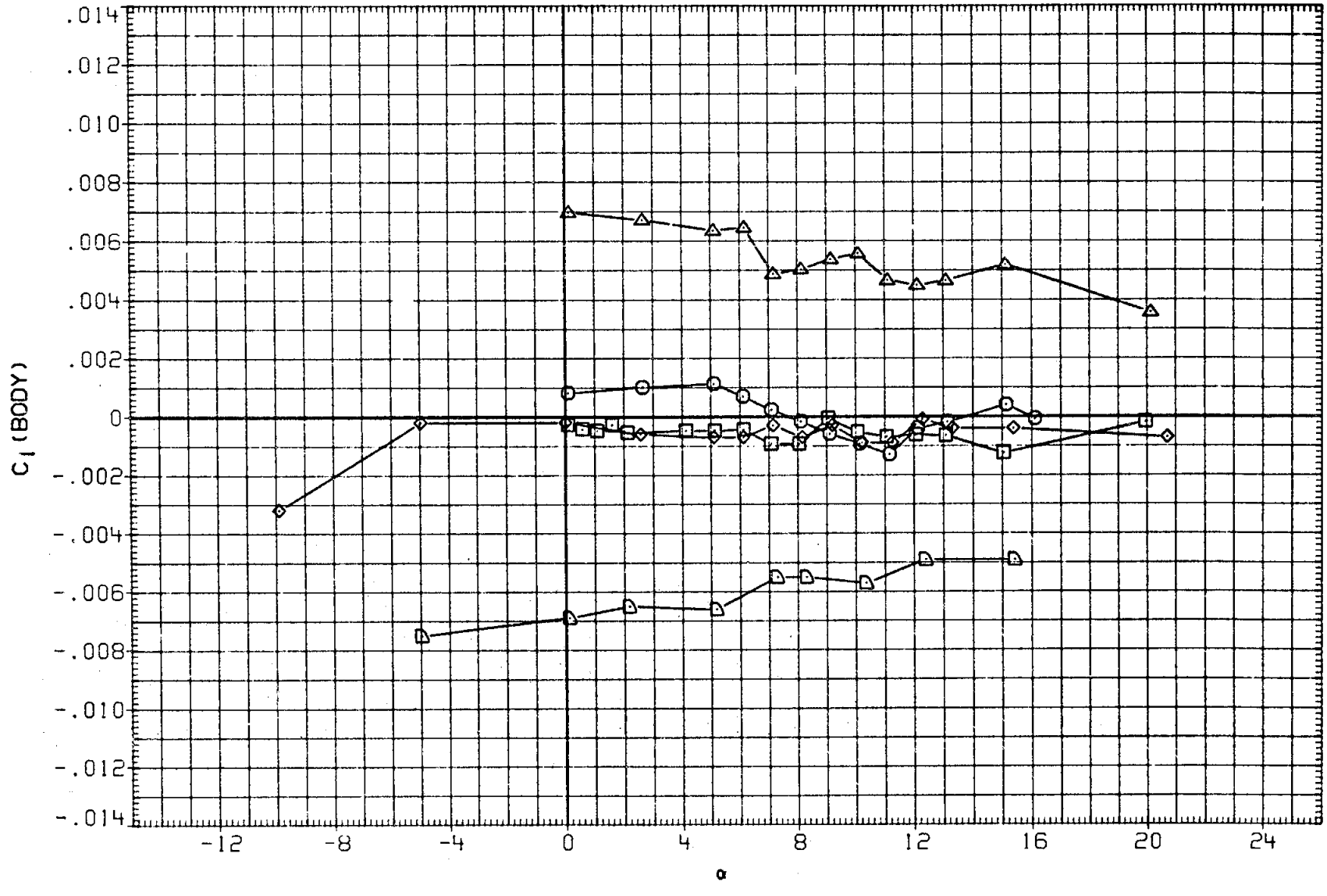


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO003	○	LARC 16FT TWT 325(OA270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	
RKO016	◁	LARC 16FT TWT 325(OA270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	D	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

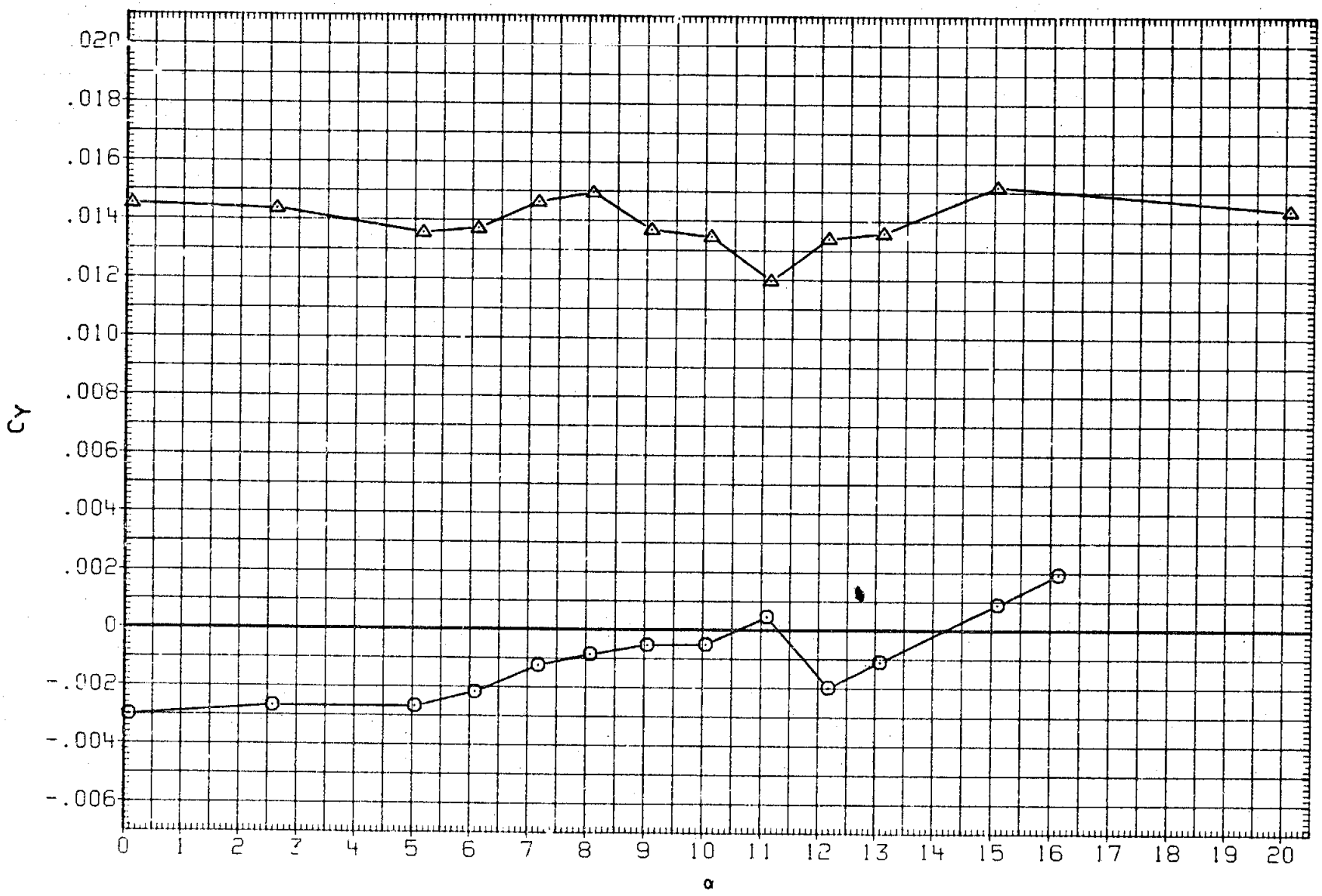


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

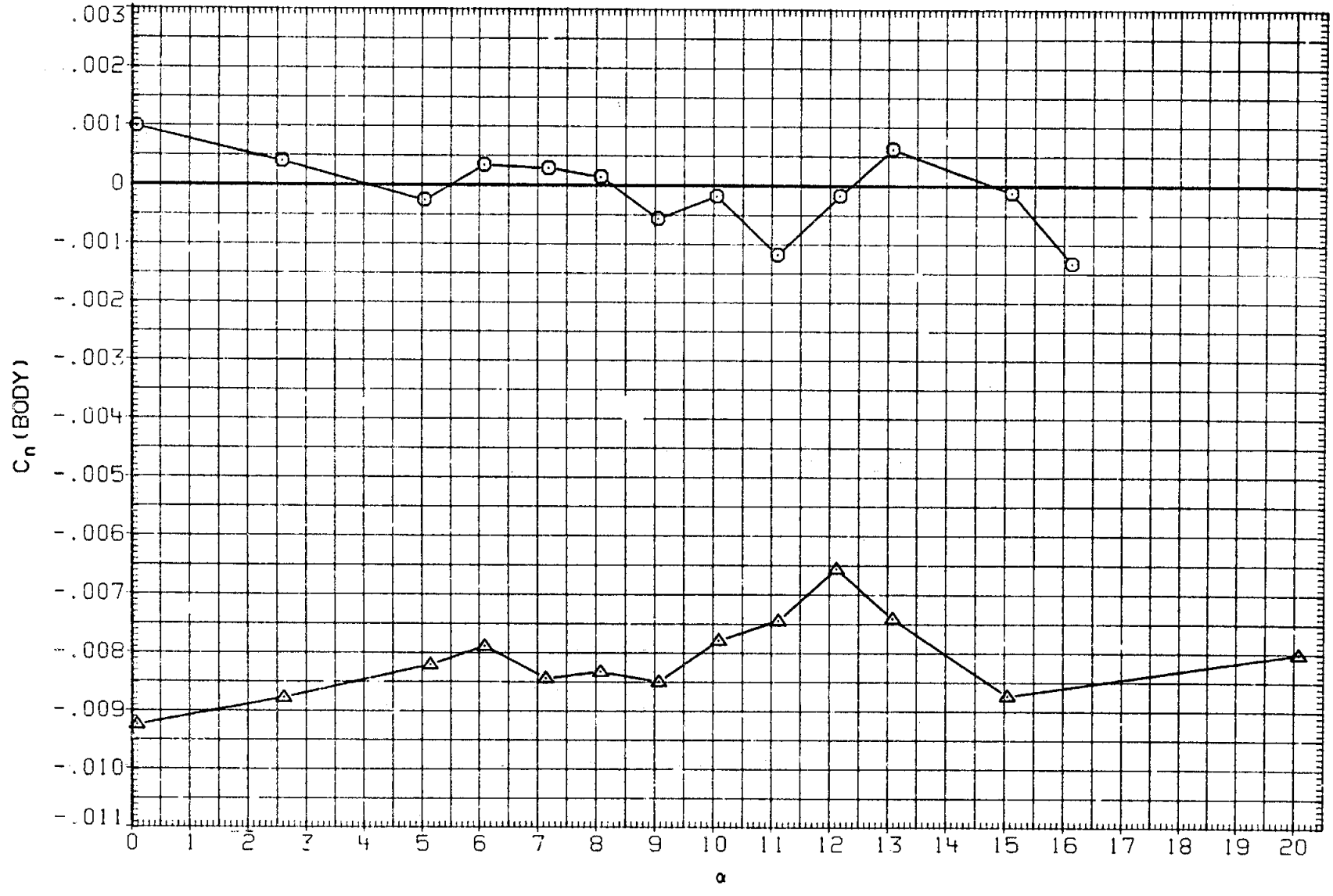


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

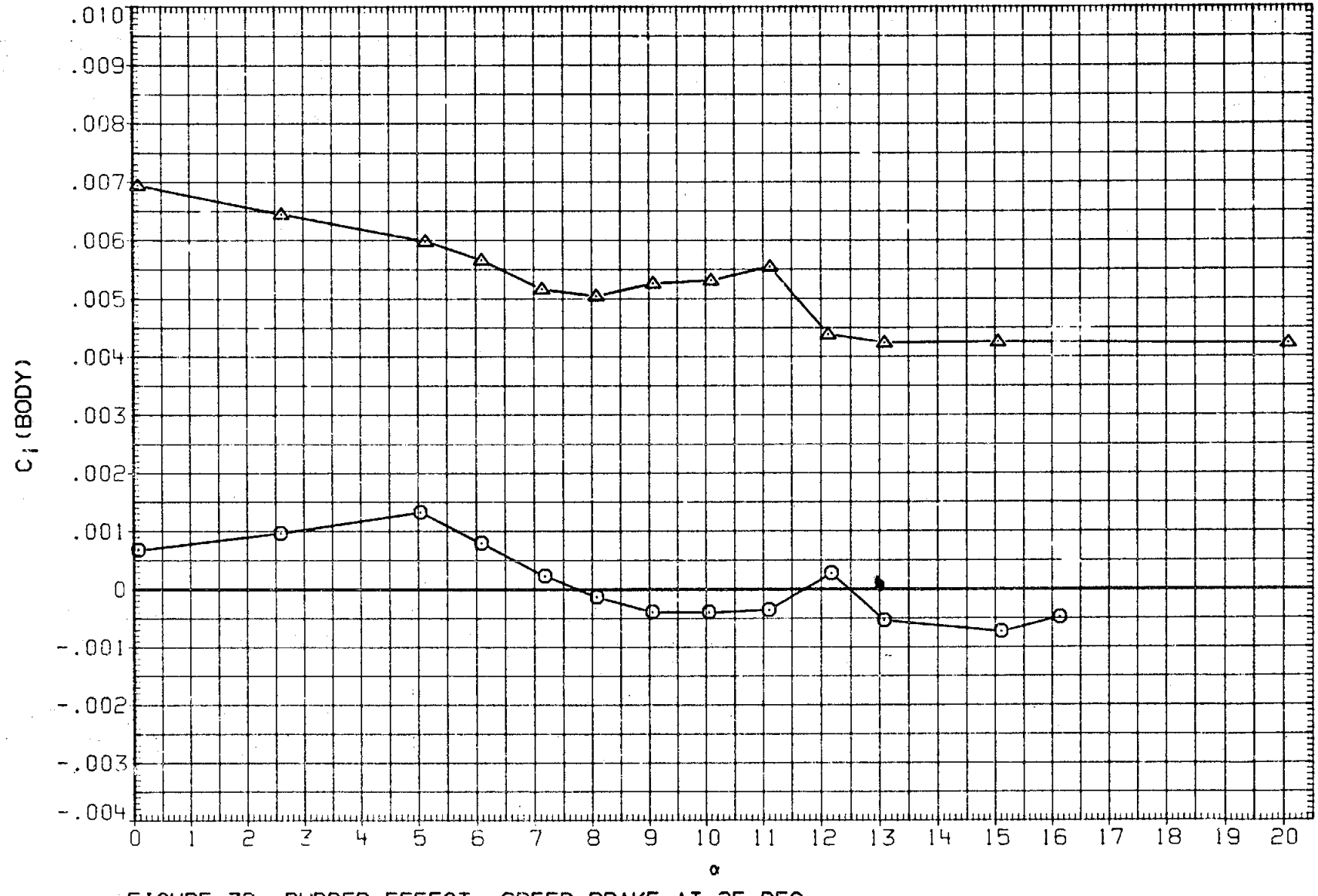


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RKO016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	D	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

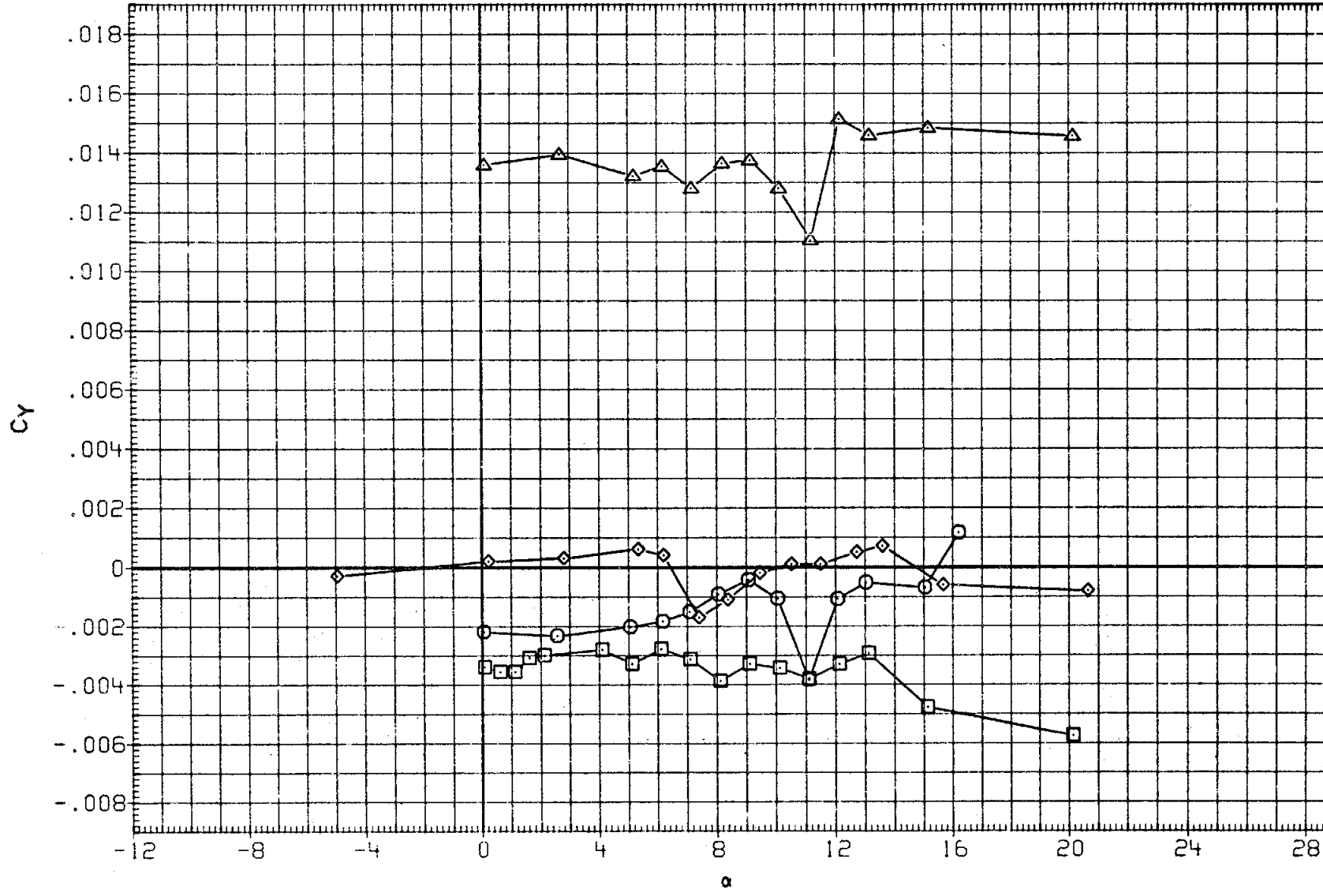


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◸	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

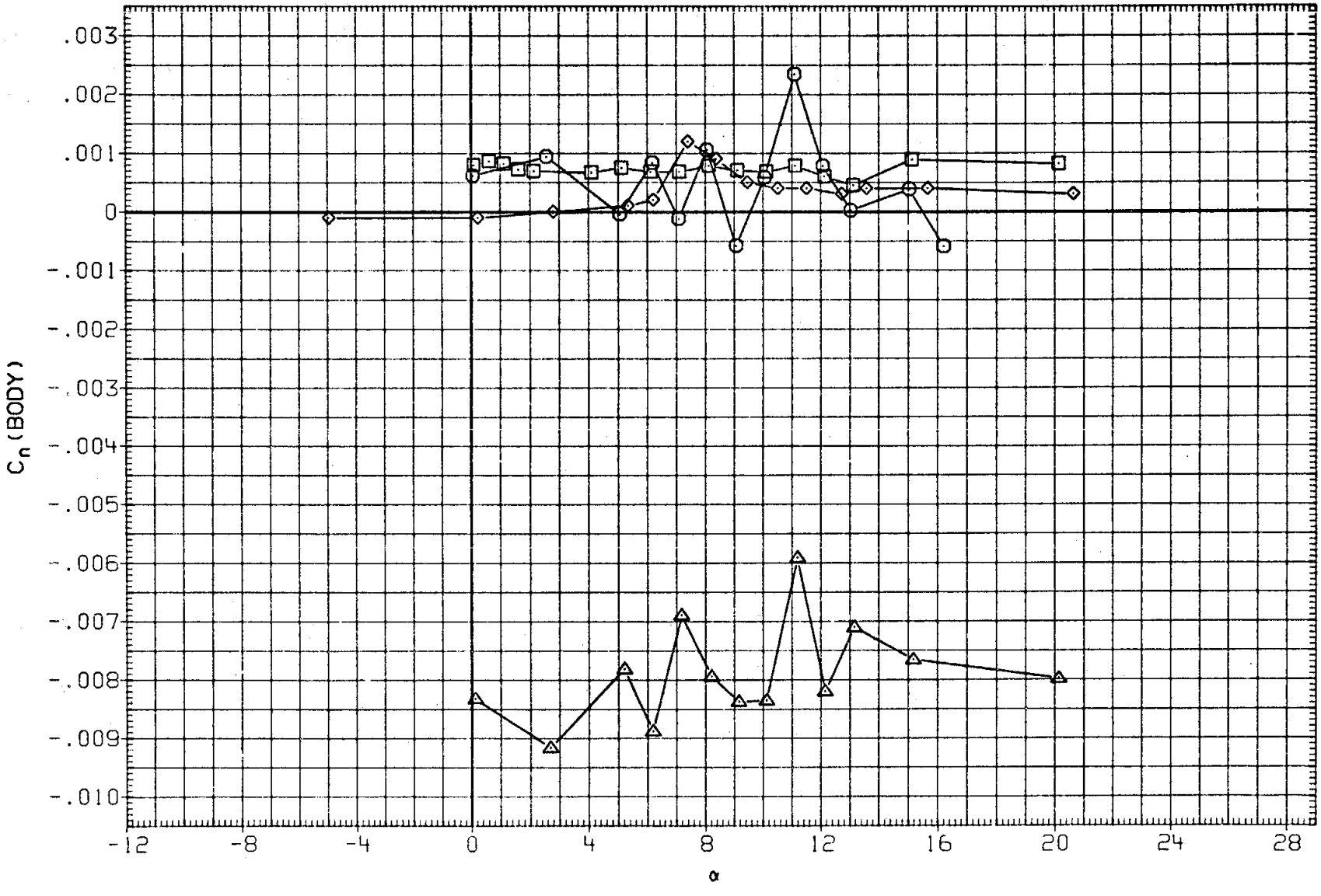


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.
R2F012	◇	AMES 118-1-11 0A145A 01
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.
RKN029	▷	DATA NOT AVAILABLE
R2F066	▯	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	25.500	-.030	.000
.000	.000	.000	.000	25.000	.000	.000
.000	.000	.000	.000	25.000	.000	
.000	.000	.000	.000	25.500	5.240	.000
.000	.000	.000	.000	25.000	5.000	.000
.000	.000	.000	.000	25.000	-5.000	

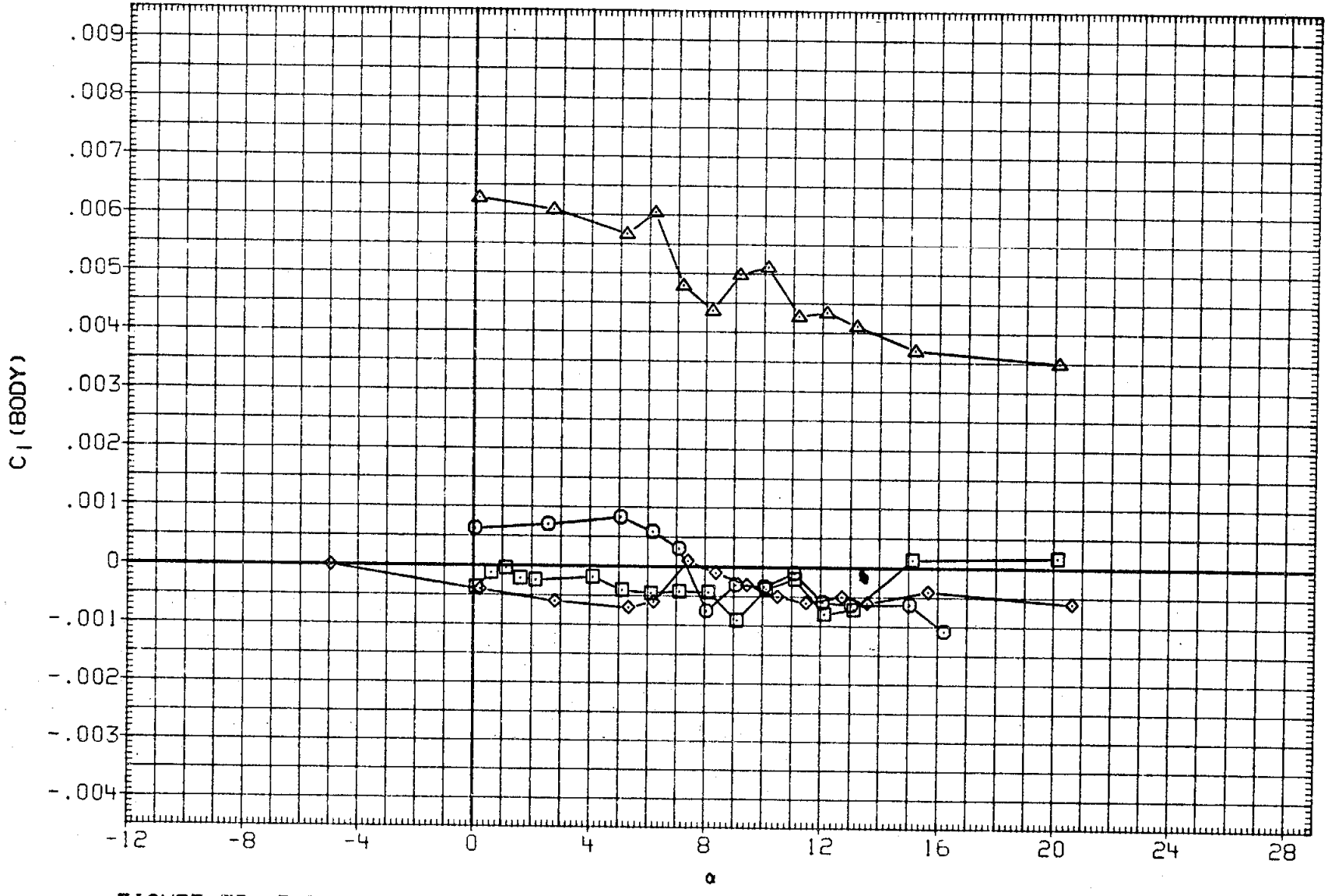


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⏢	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

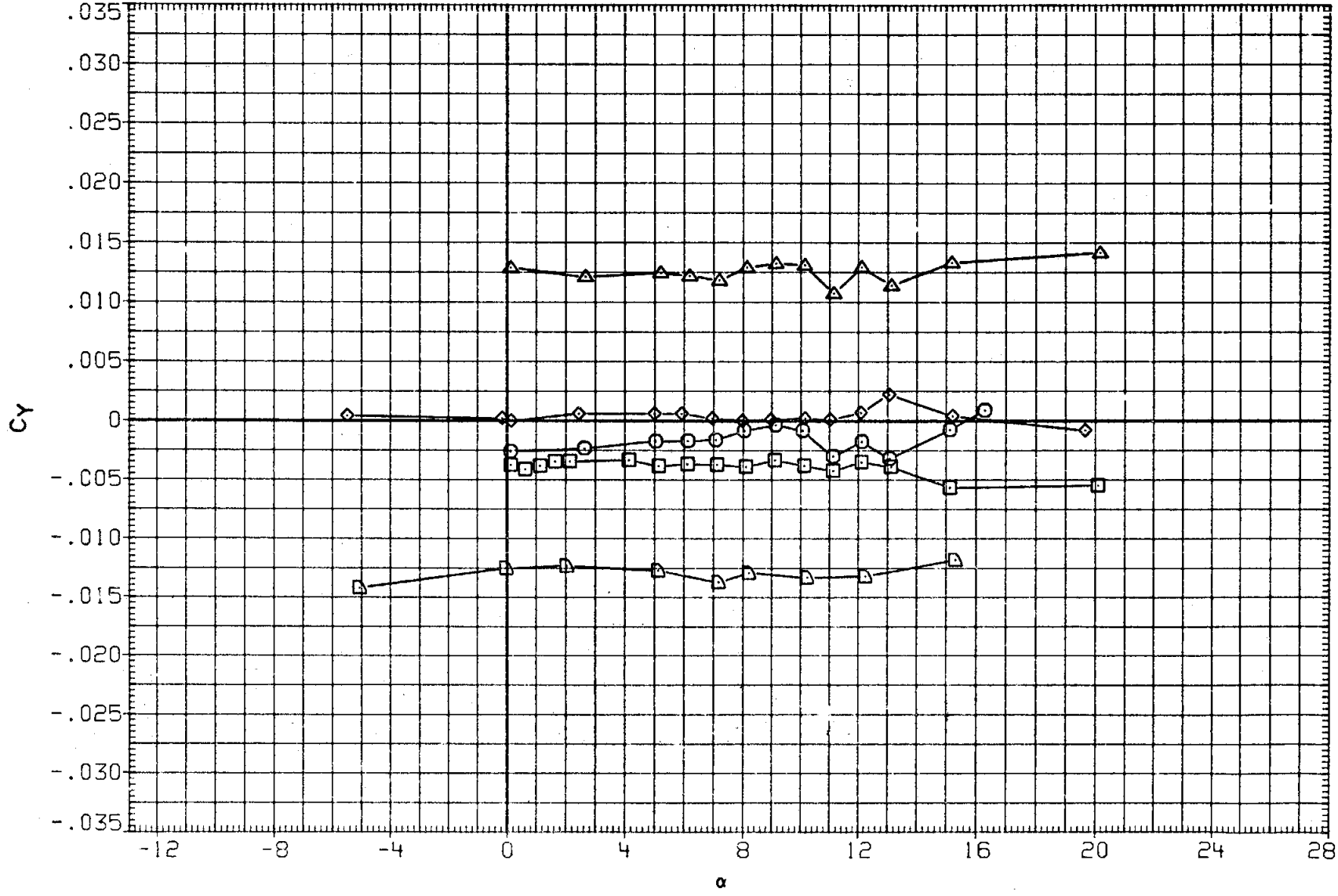


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

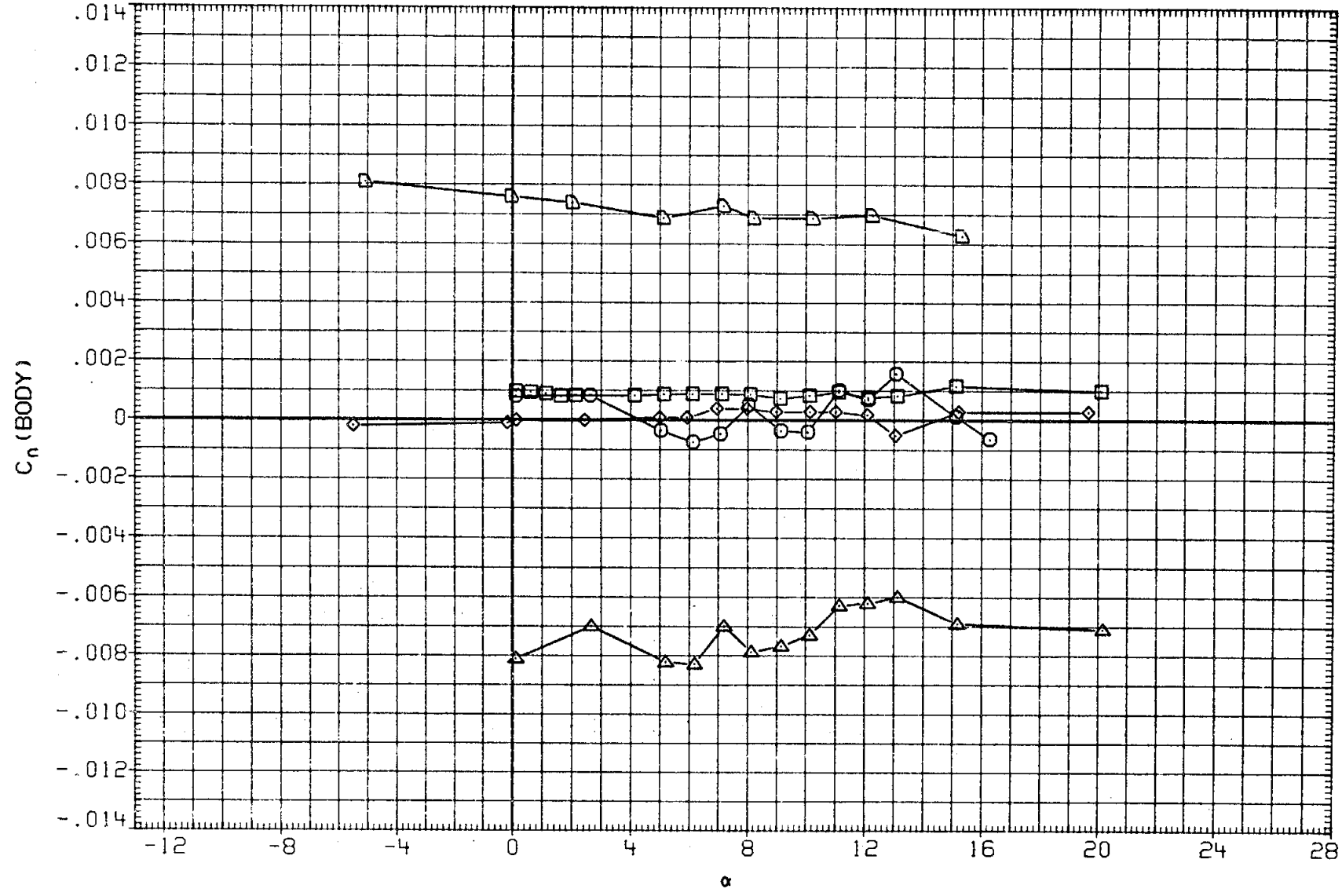


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

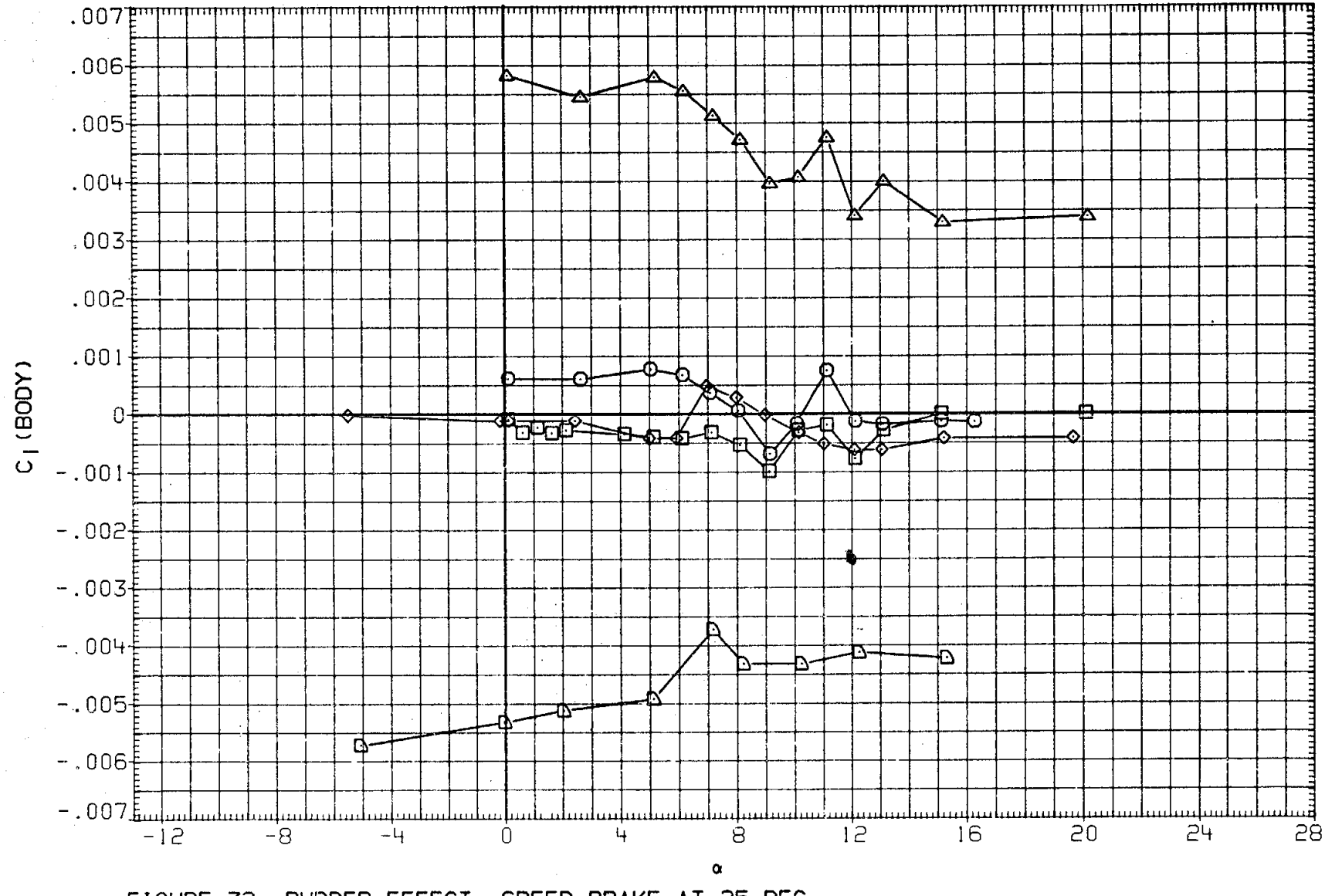


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 11B-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	D	AMES 11B-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

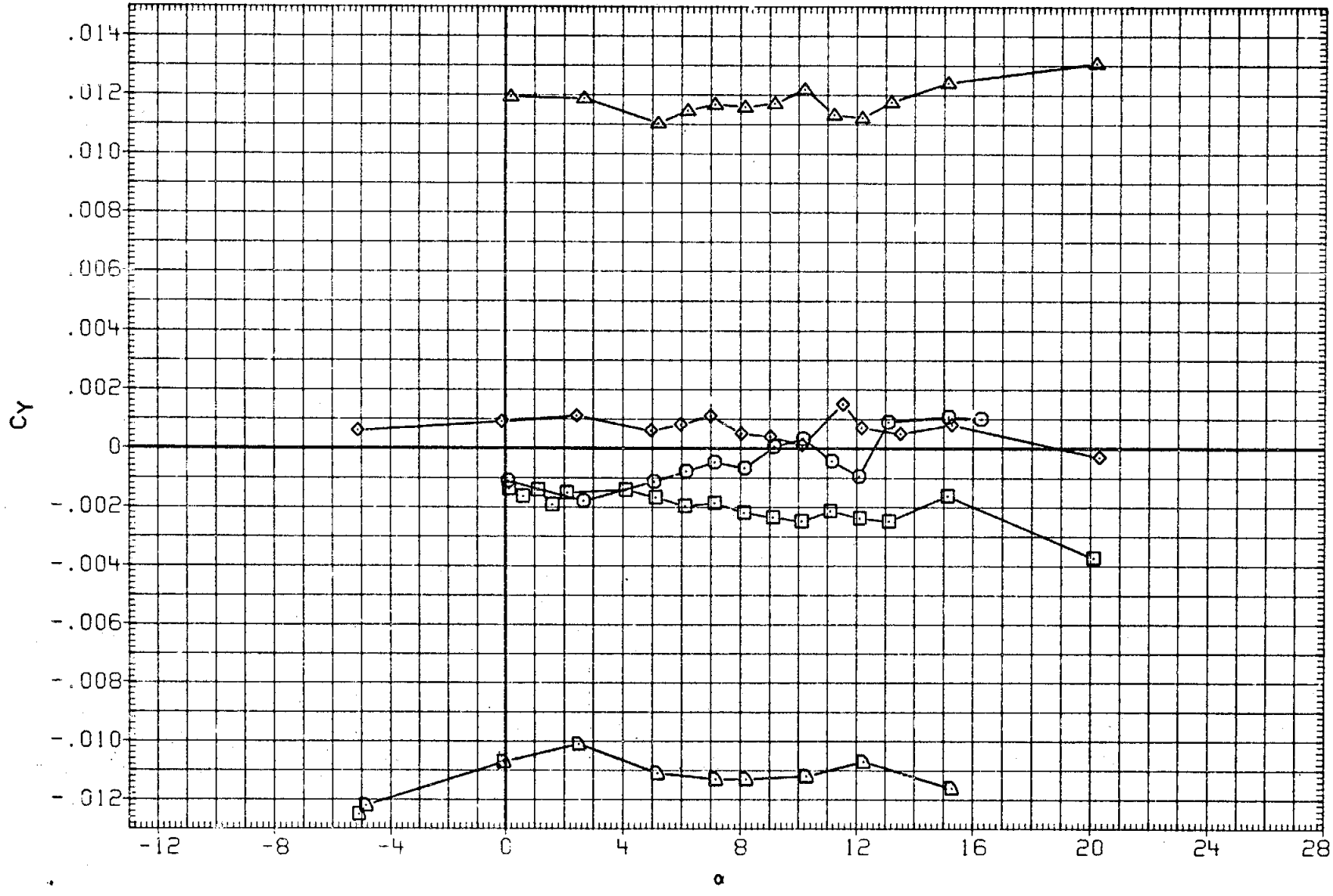


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(H) MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	◺	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

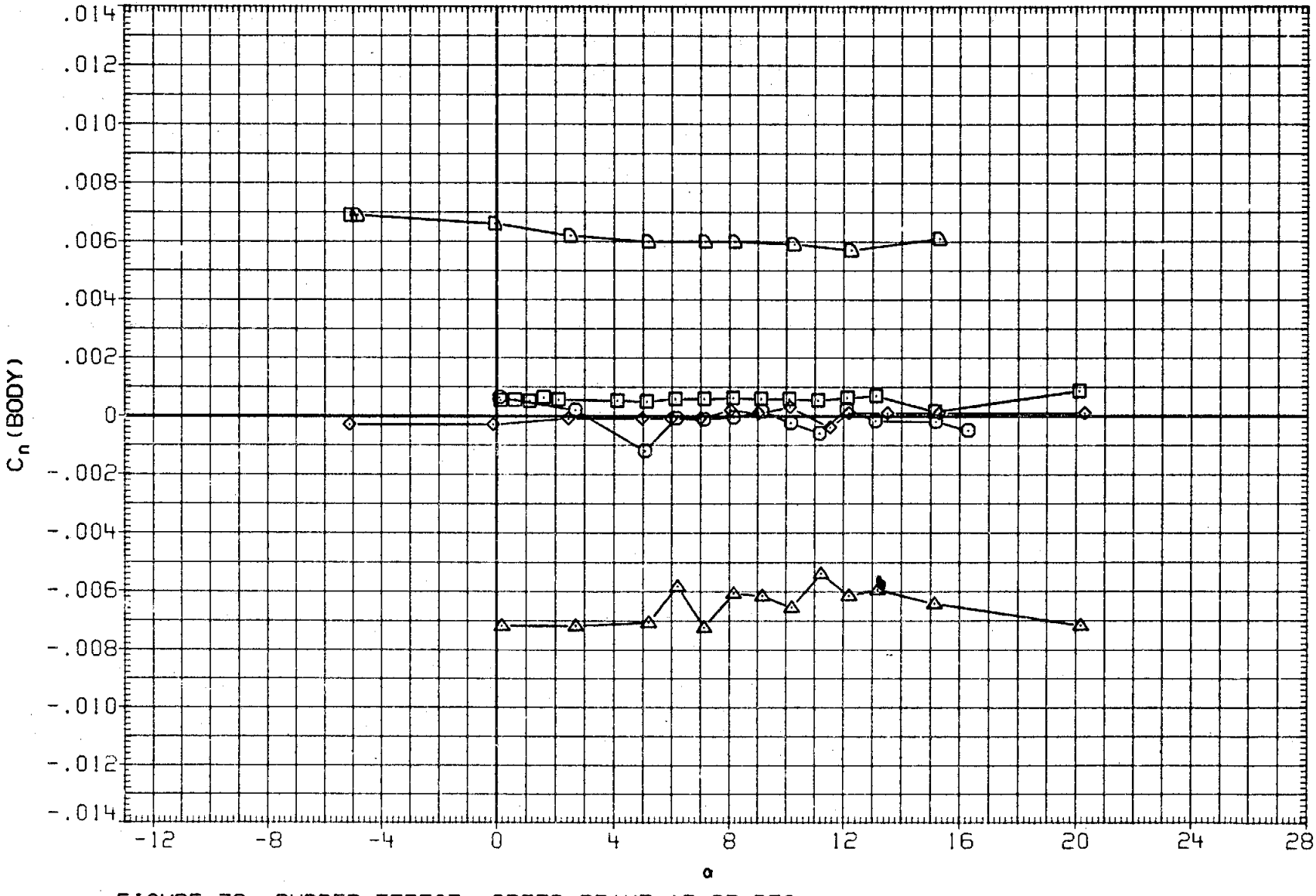


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	⊿	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▱	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

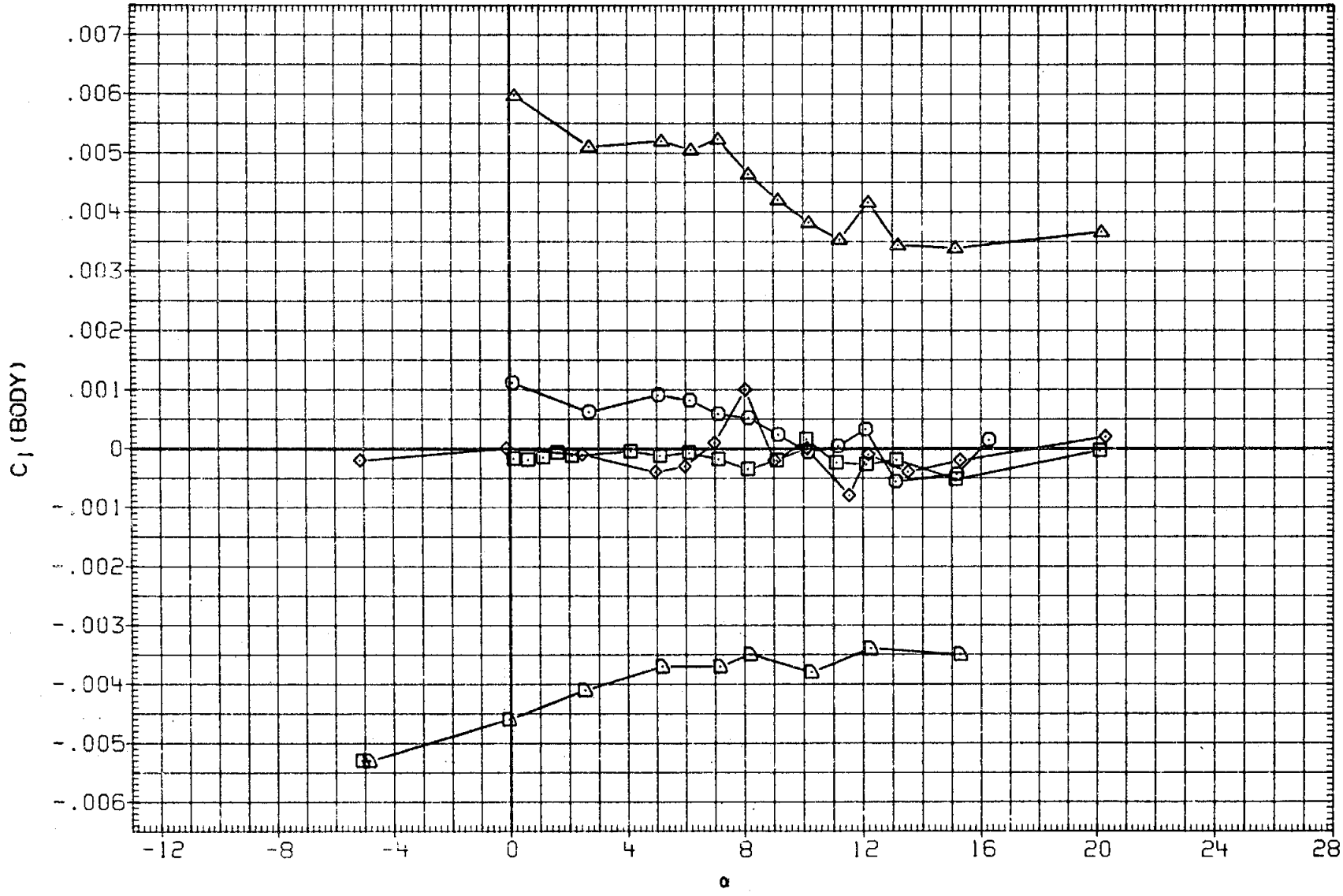


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

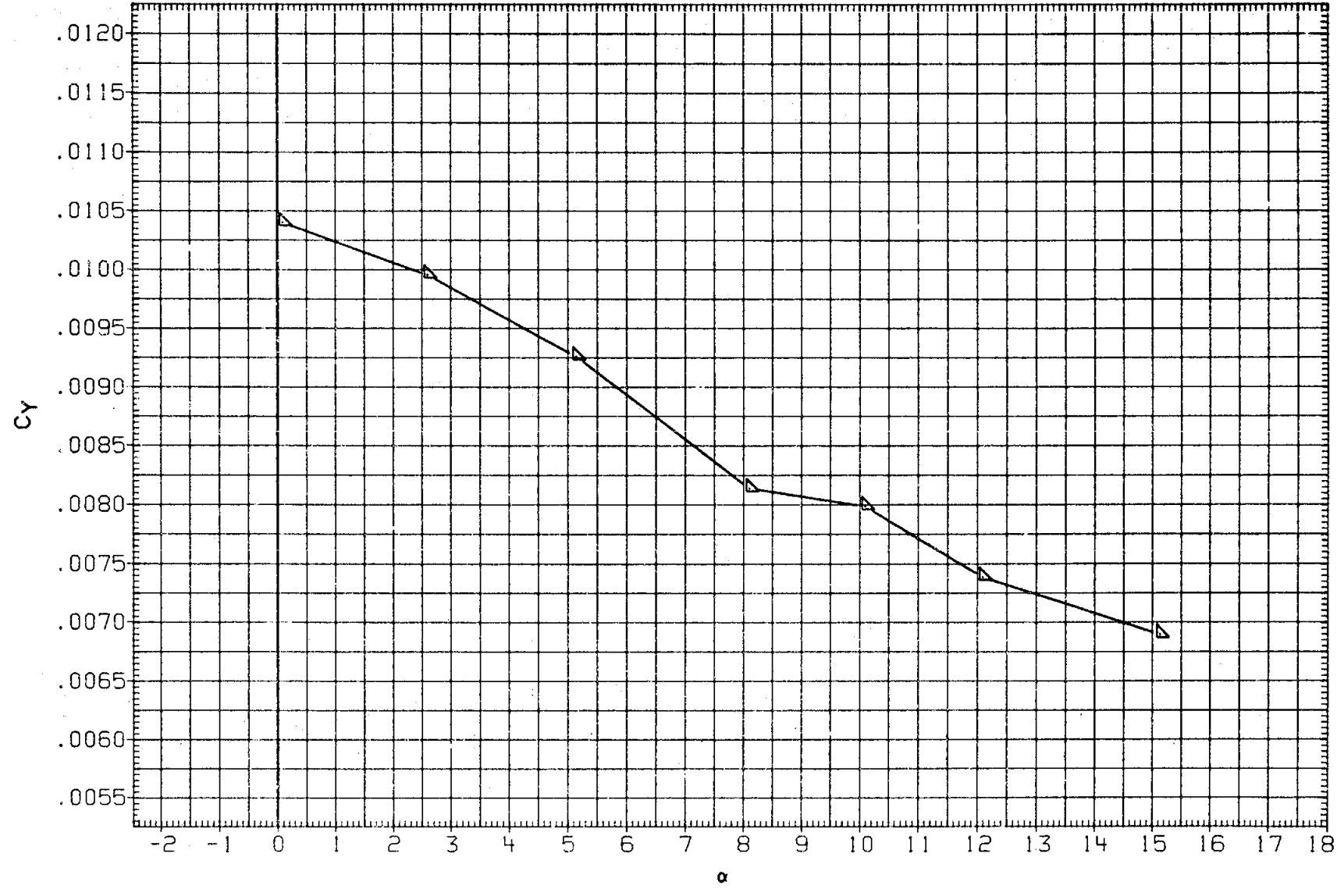


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

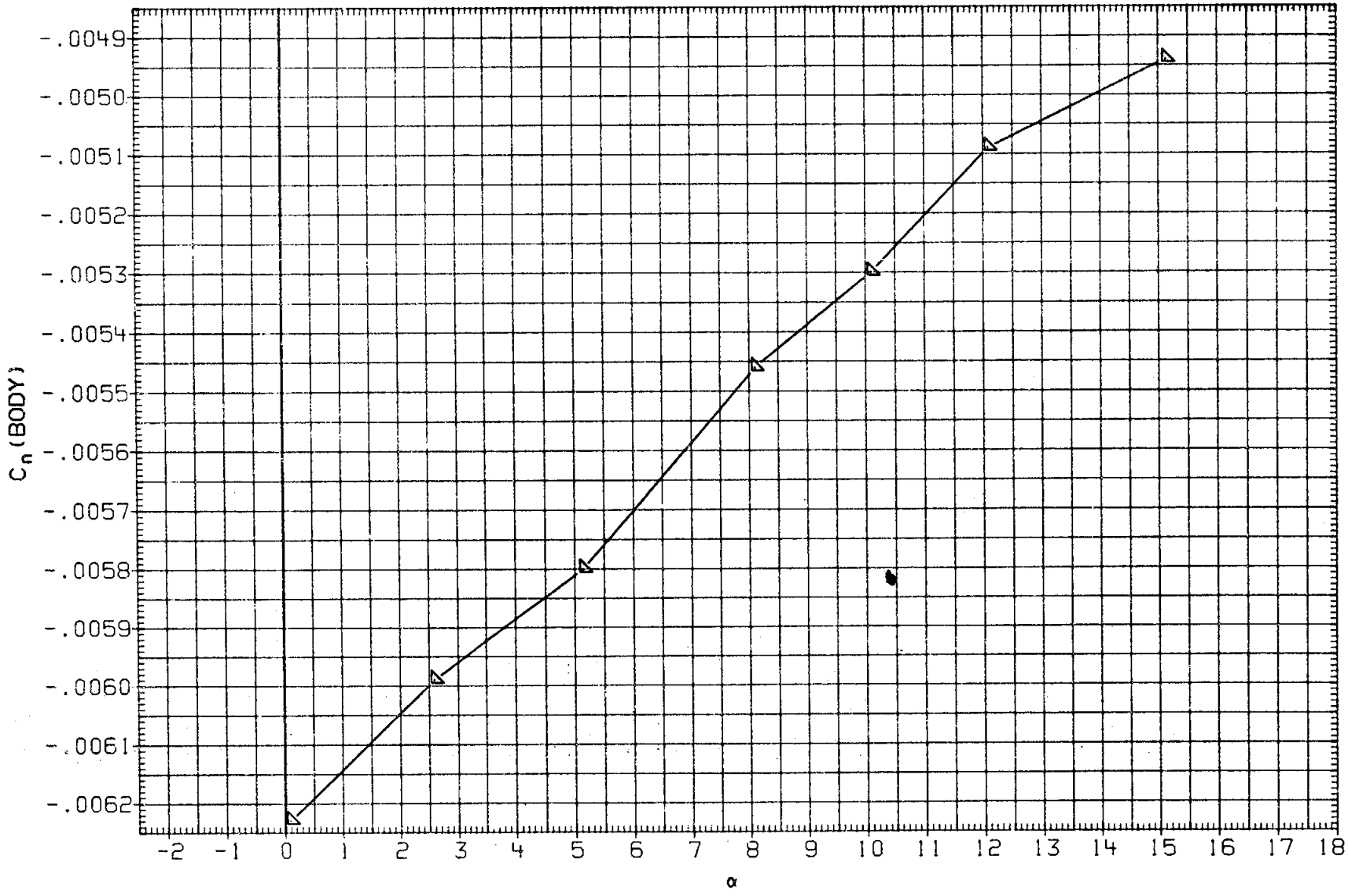


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000	

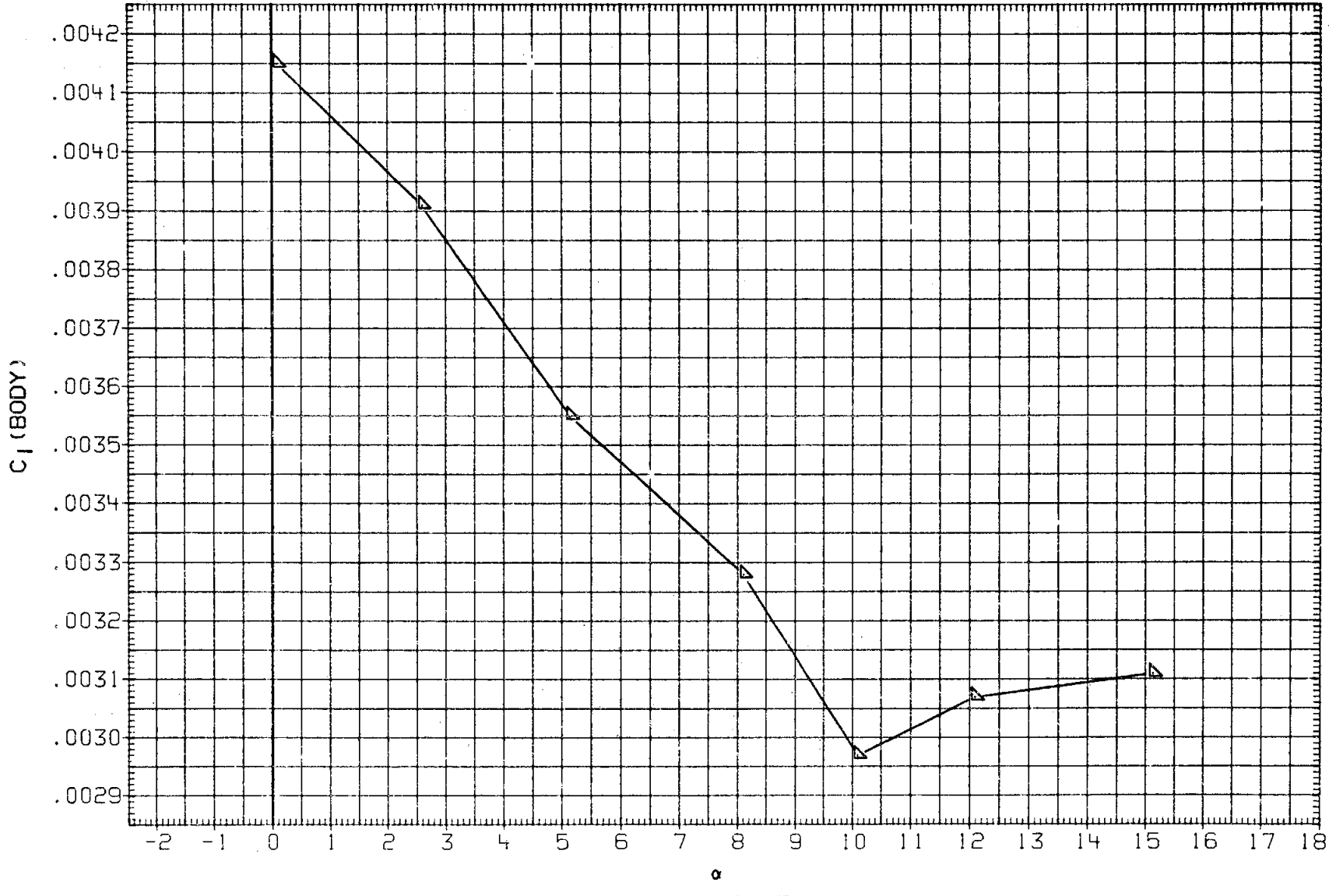


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

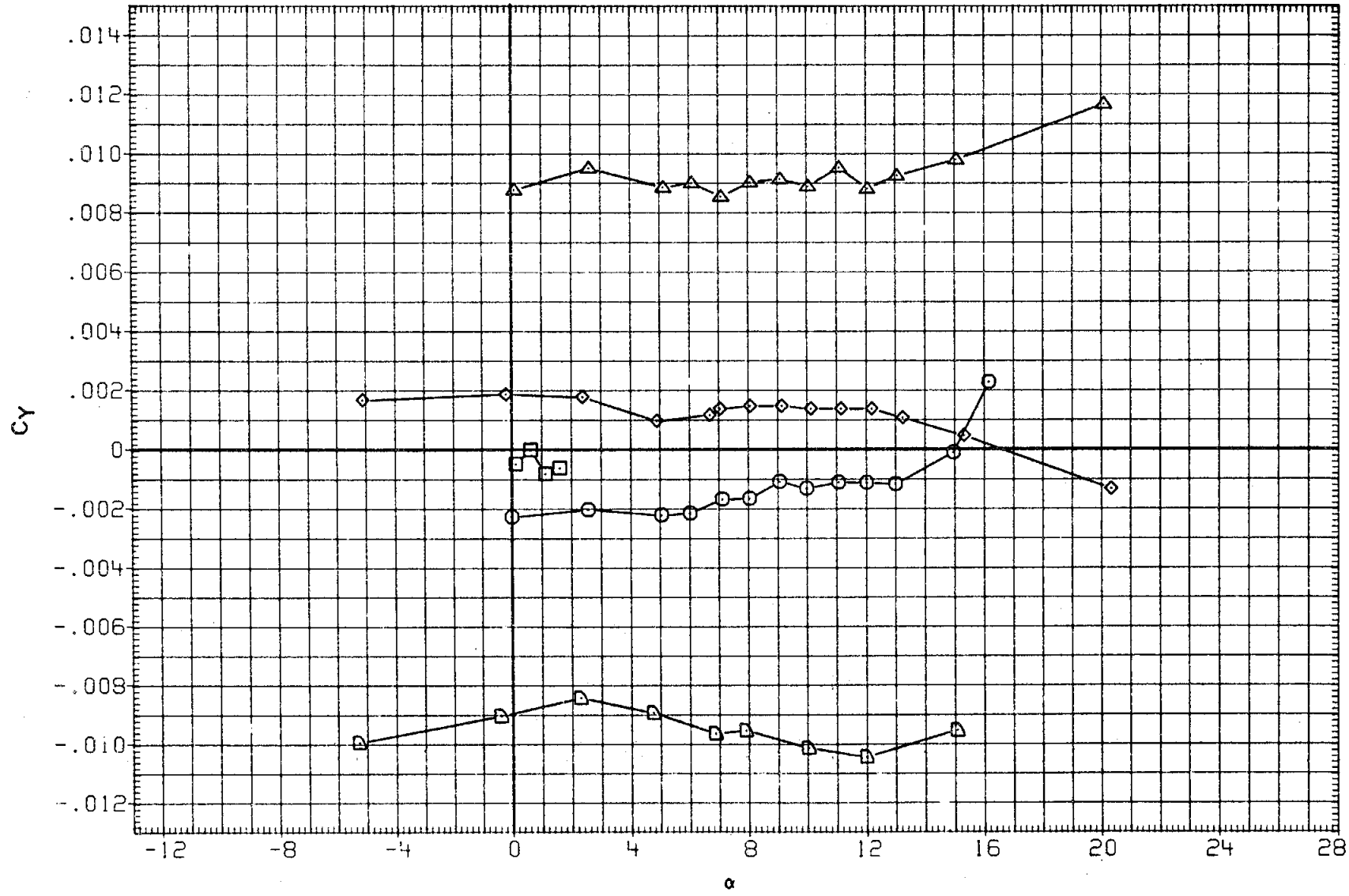


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	◺	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

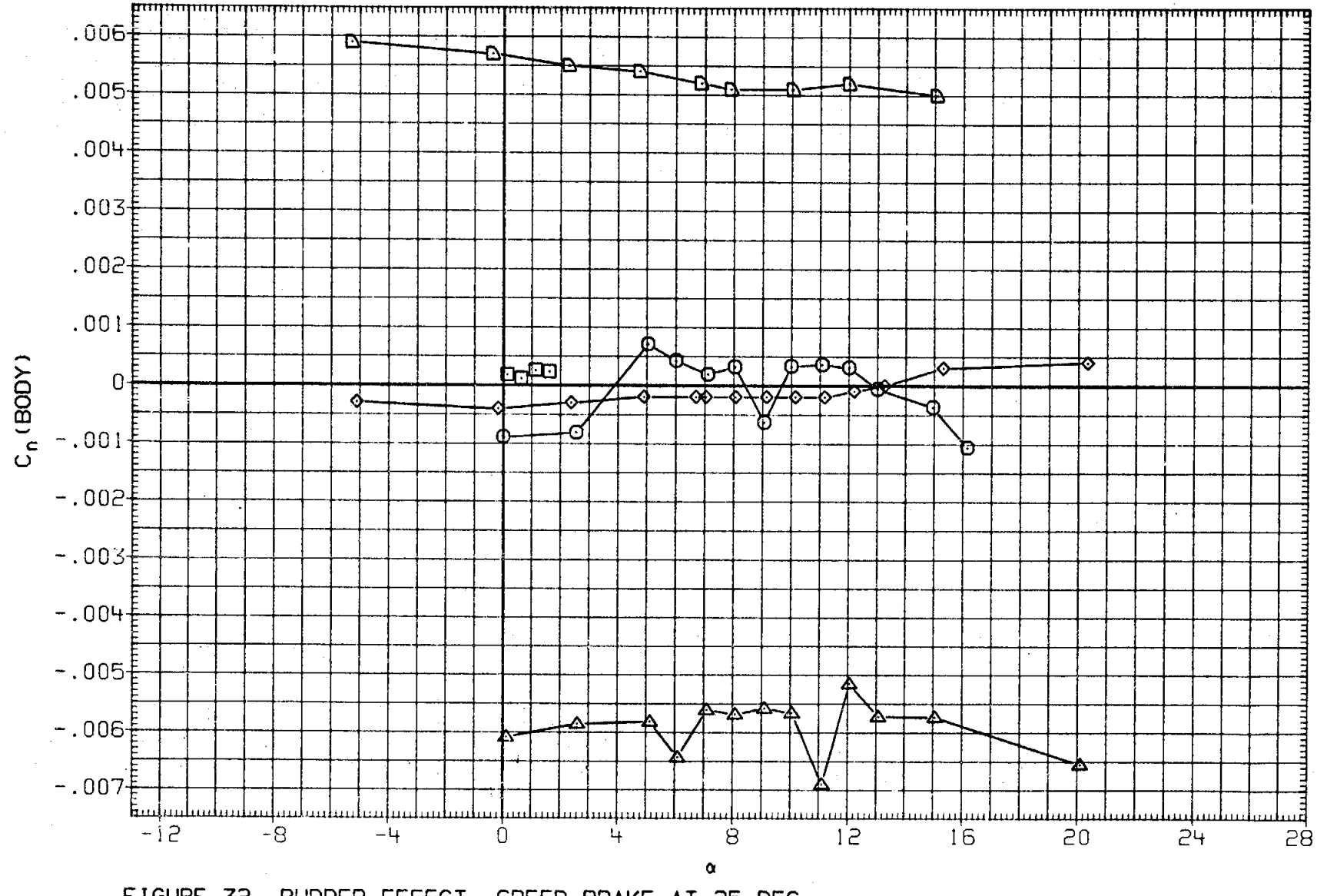


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(J) MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.240	.000
RKN029	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

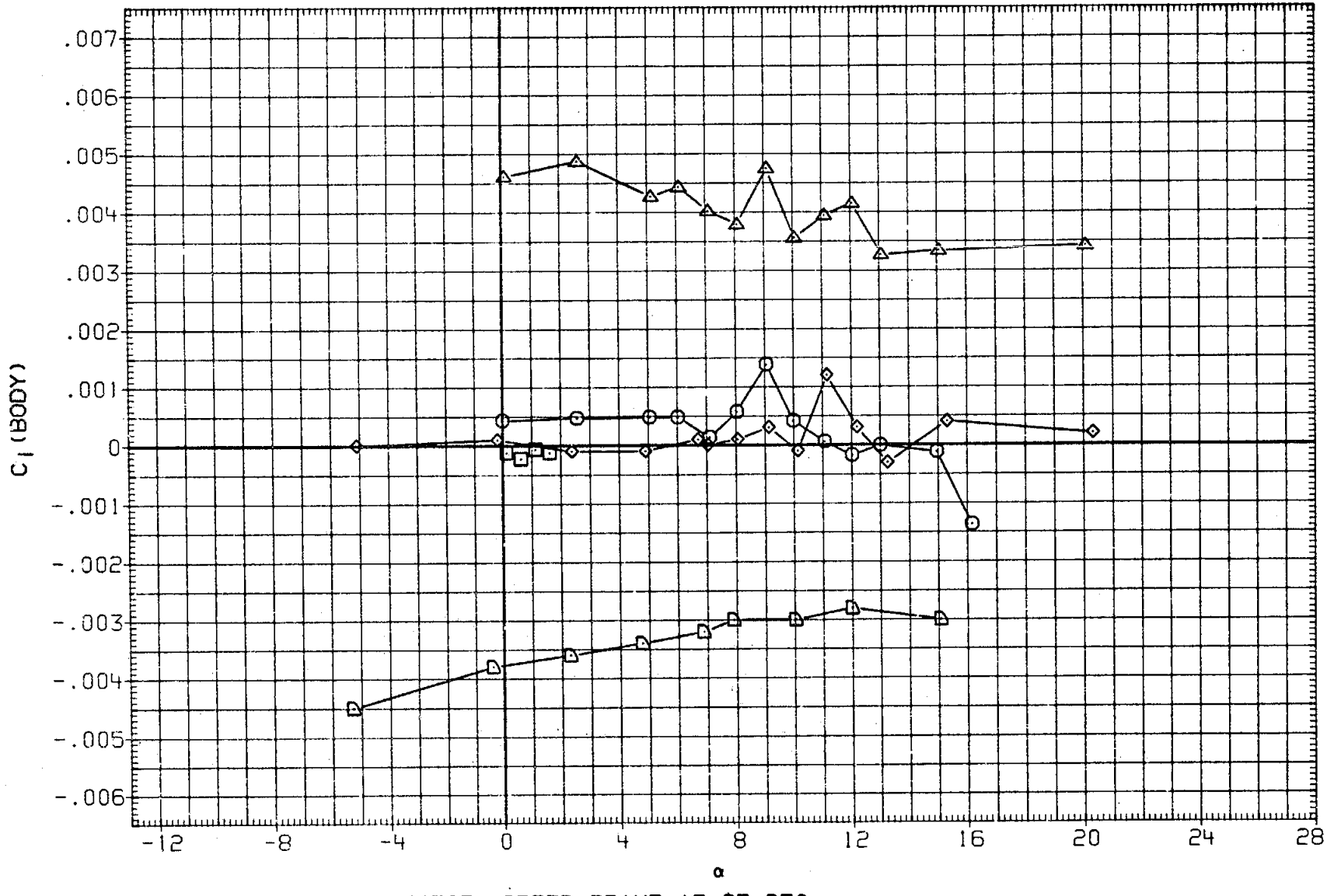


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

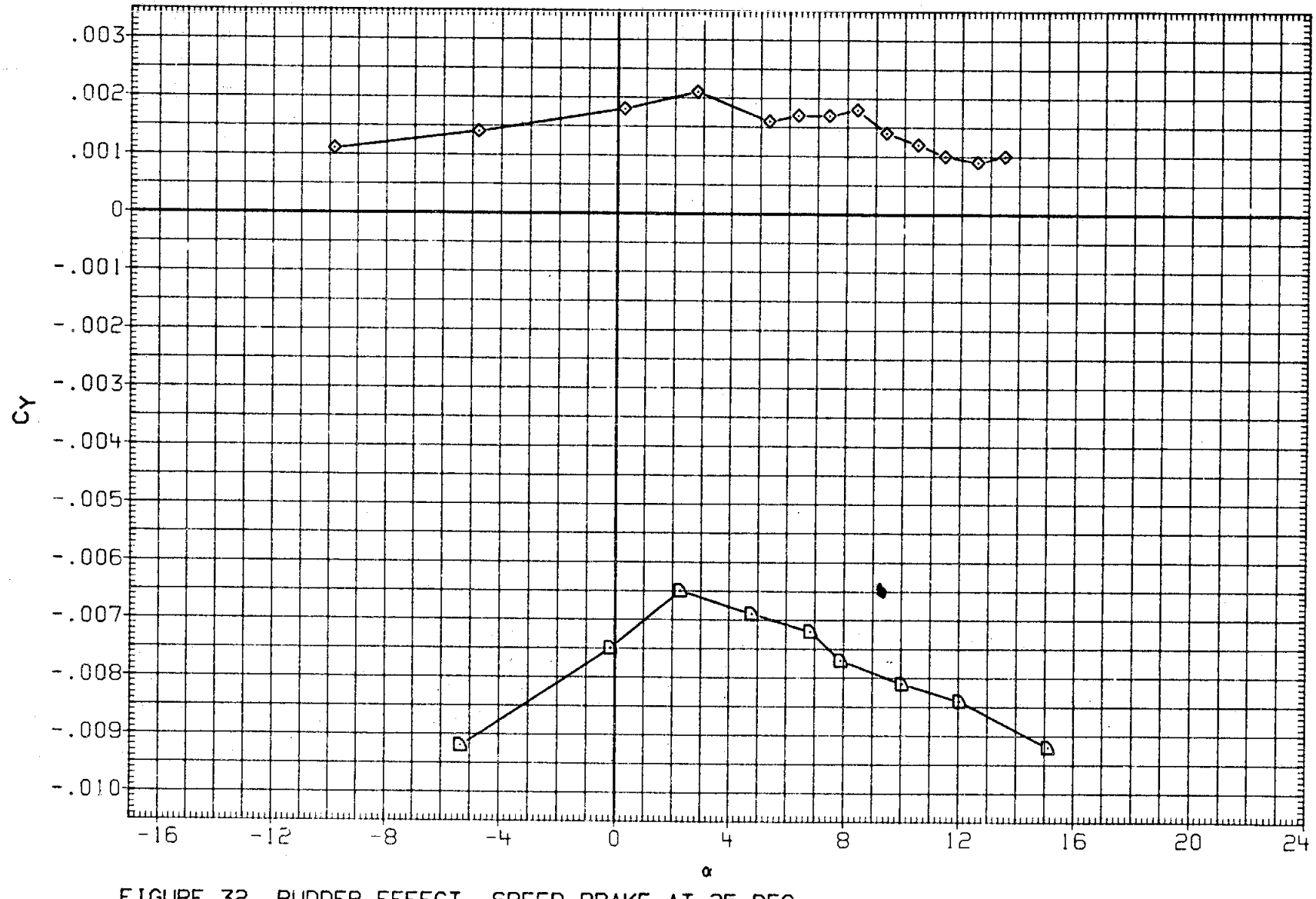


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(K)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

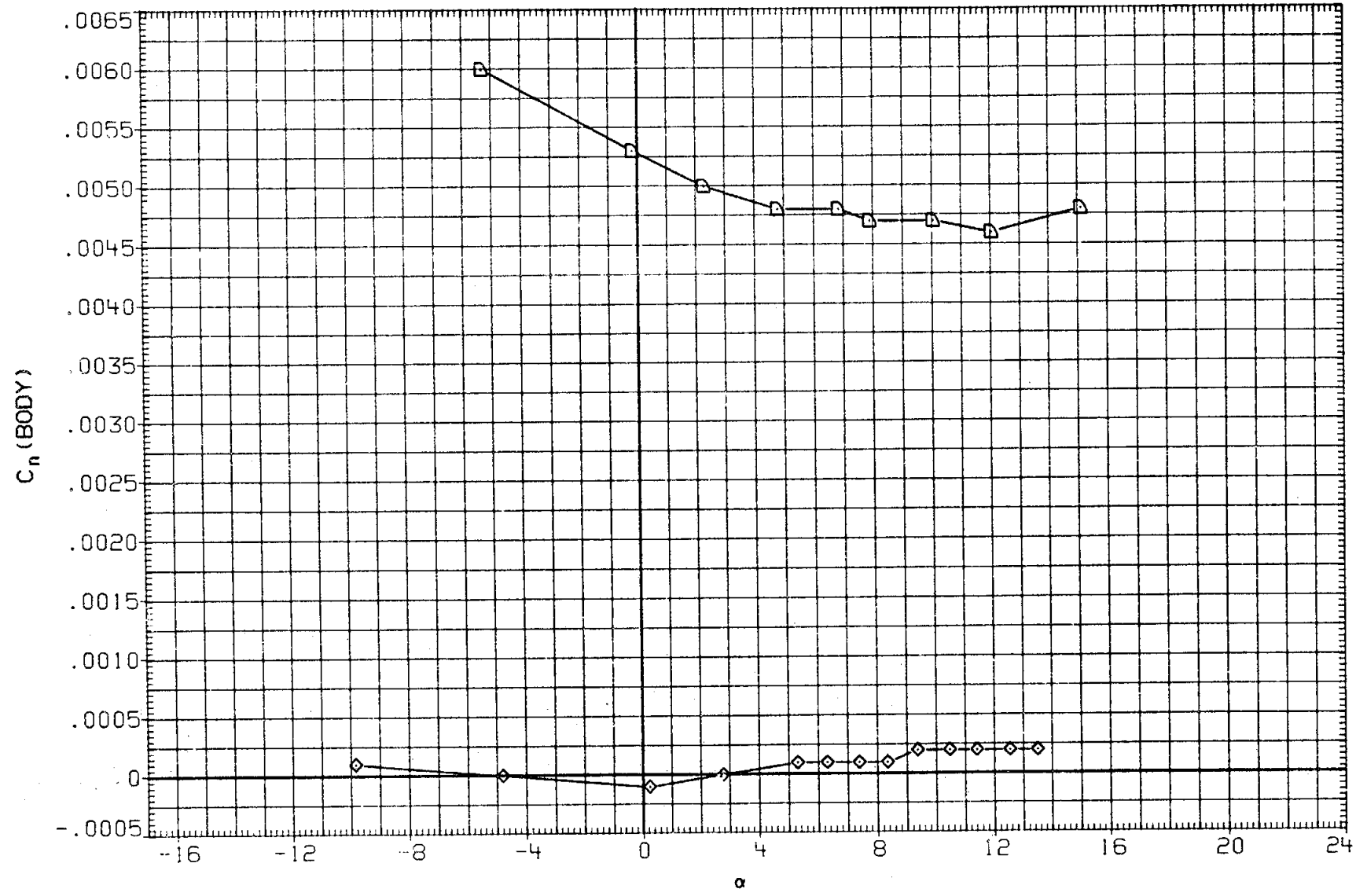


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(K)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0003	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	-.030	.000
RKN017	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	.000	.000
R2F012	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	.000	
RK0016	△	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.240	.000
RKN029	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000	.000
R2F066	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000	

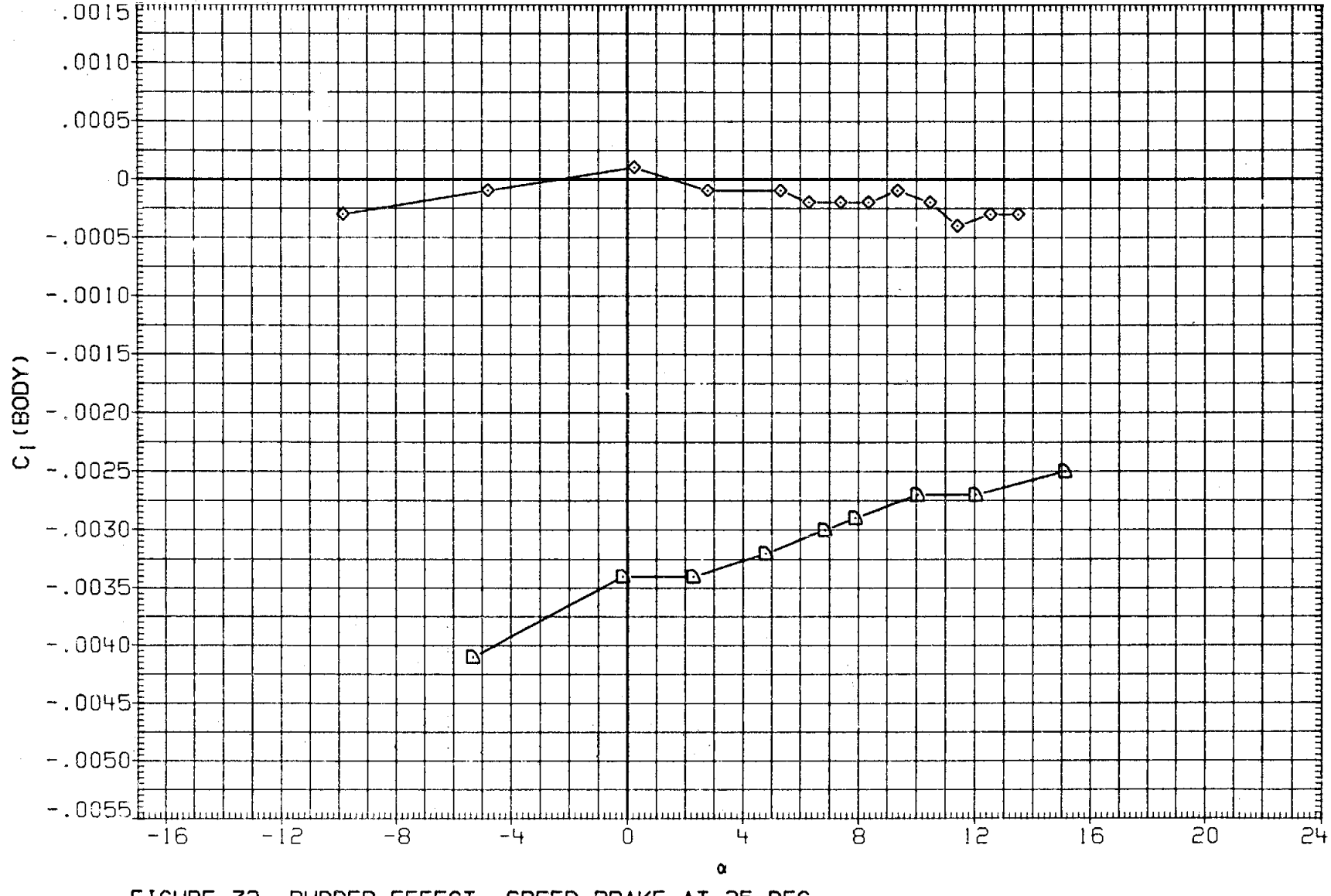


FIGURE 32. RUDDER EFFECT, SPEED BRAKE AT 25 DEG.

(K)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▽	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

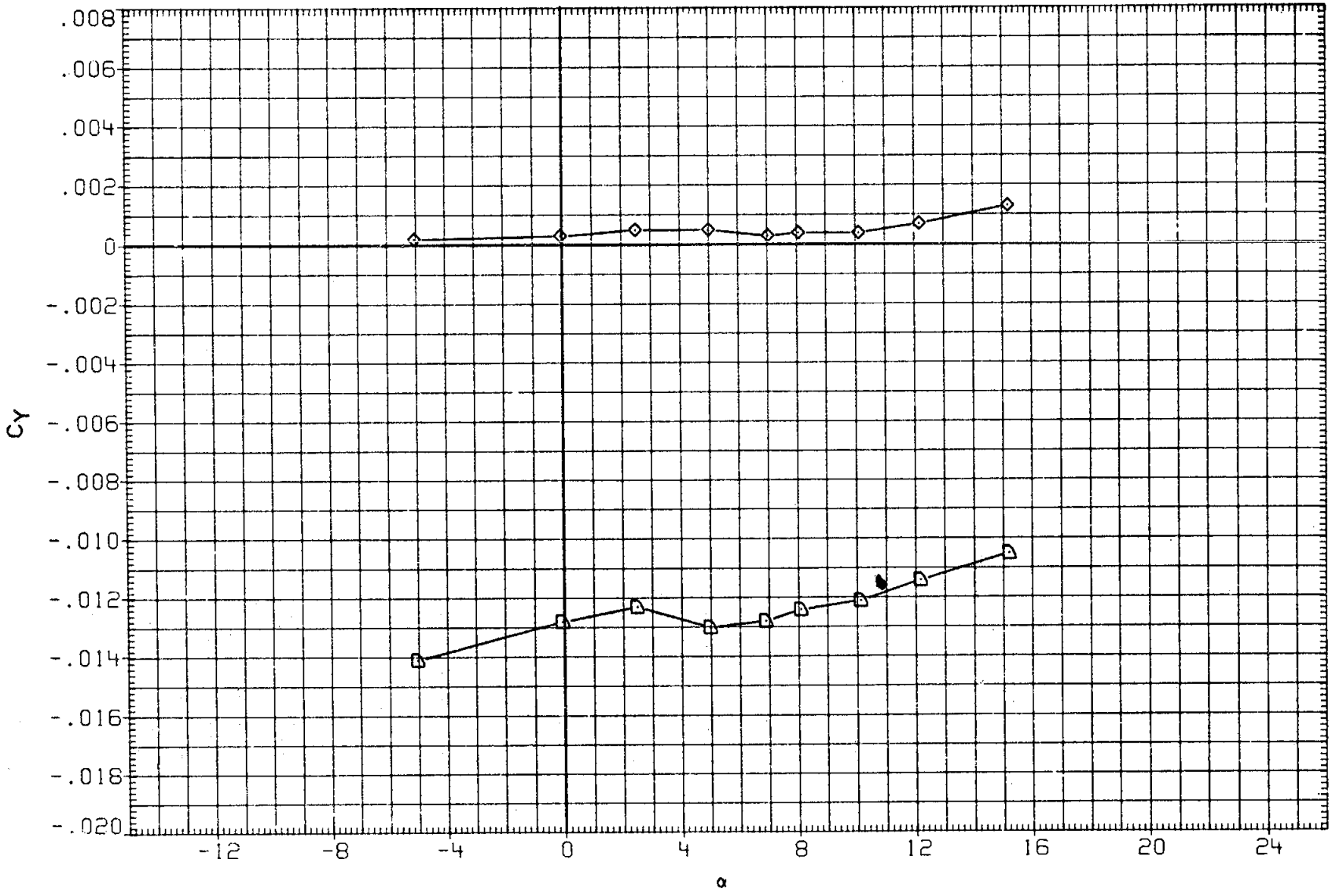


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

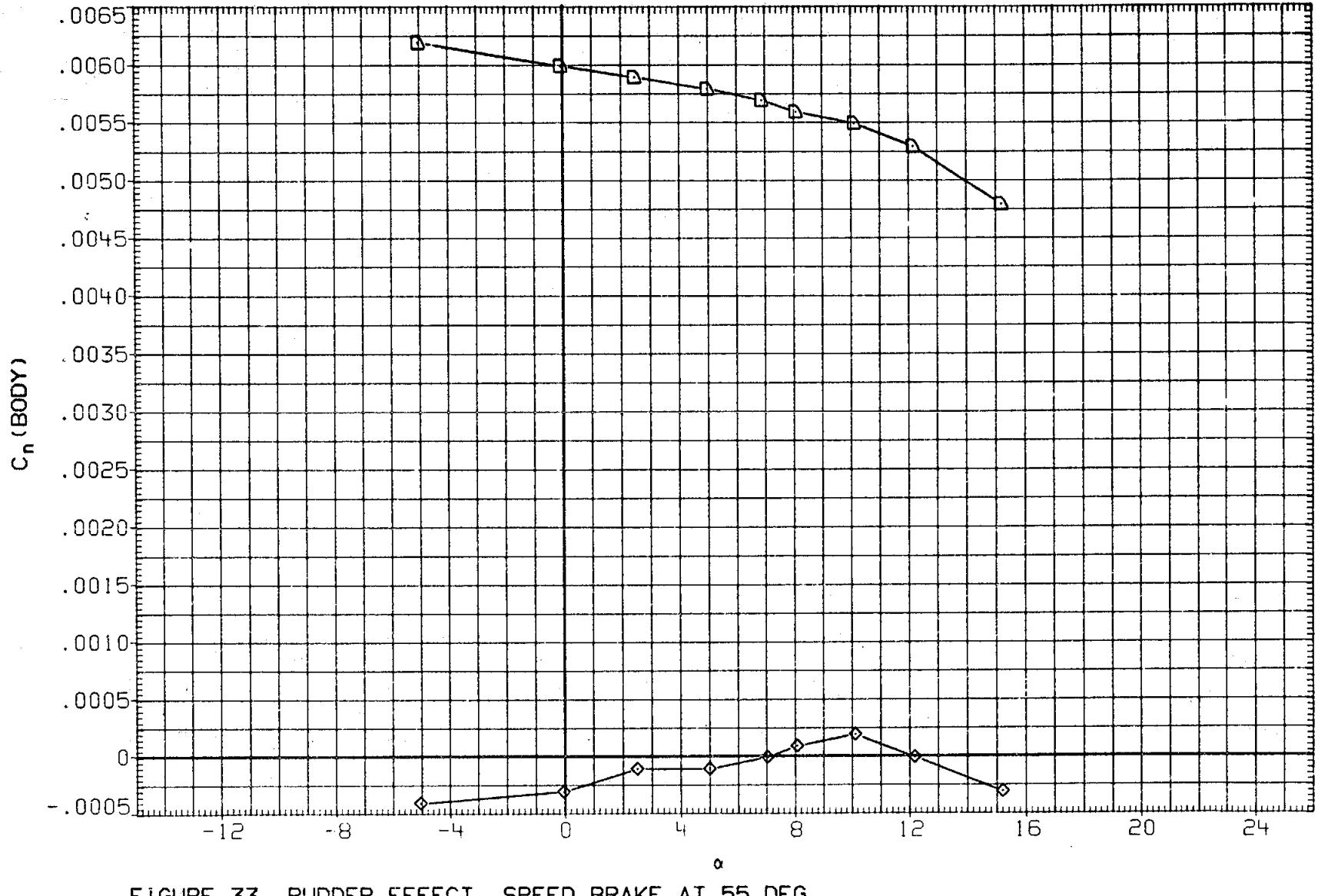


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

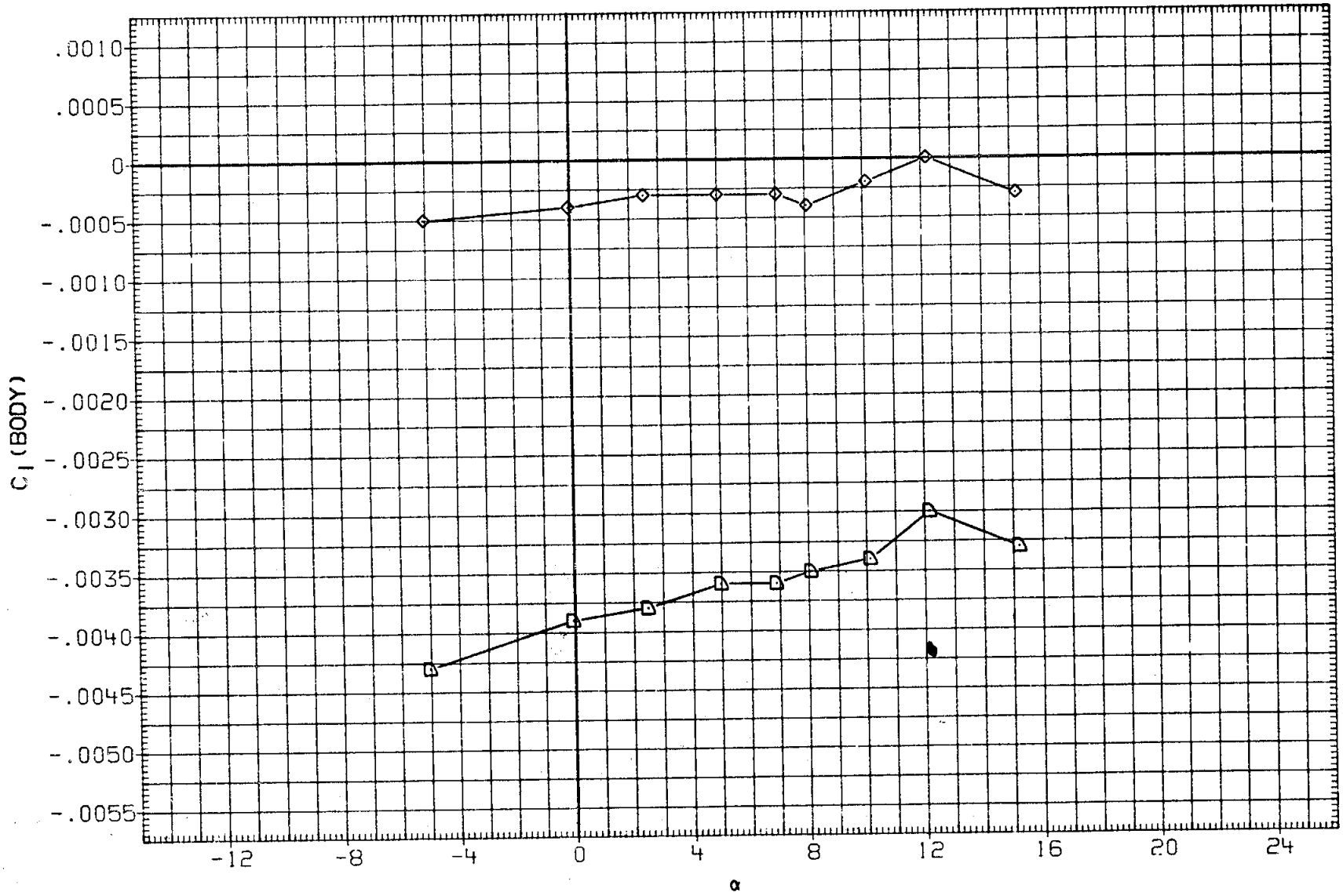


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◸	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▱	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

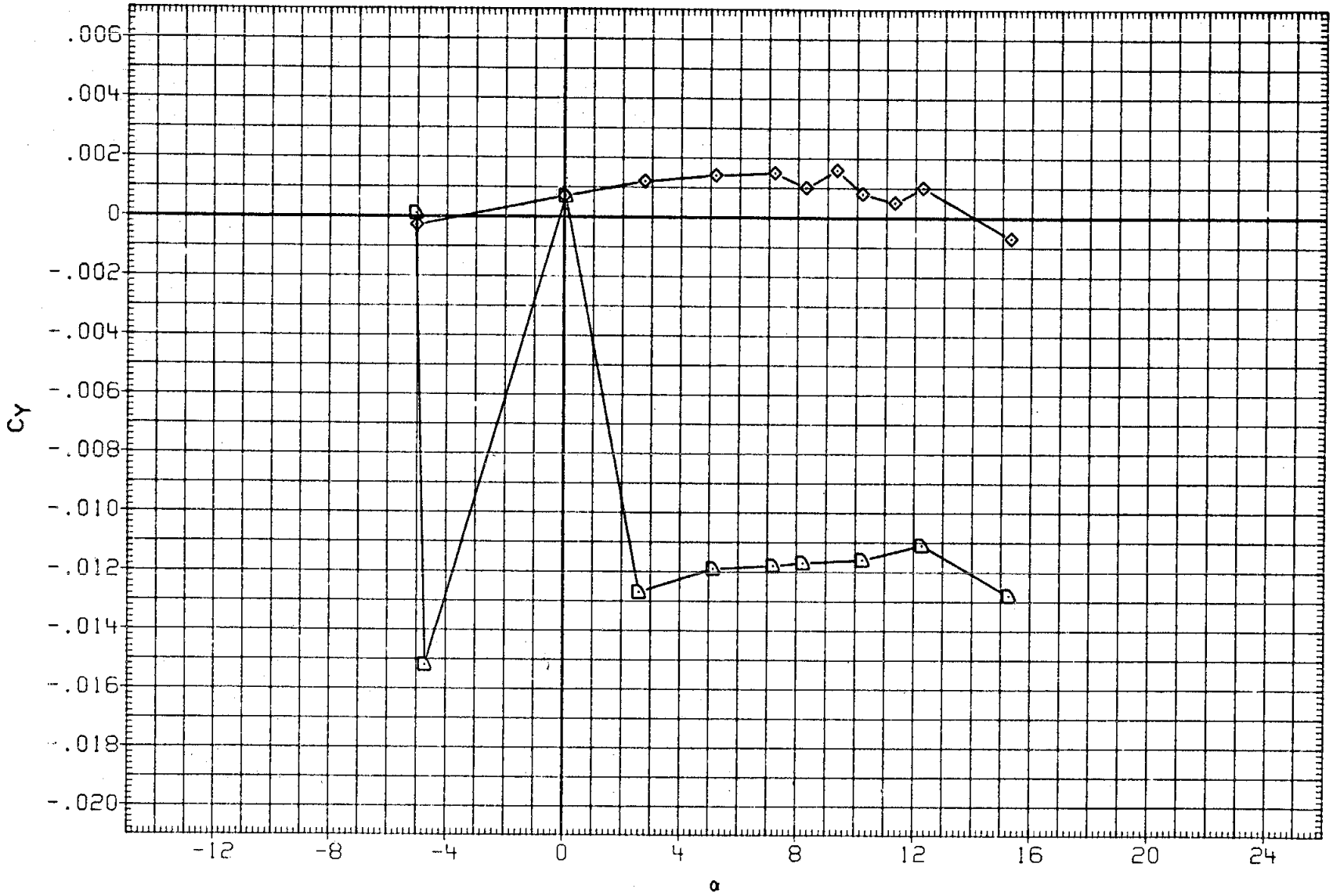


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◸	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	-5.000	

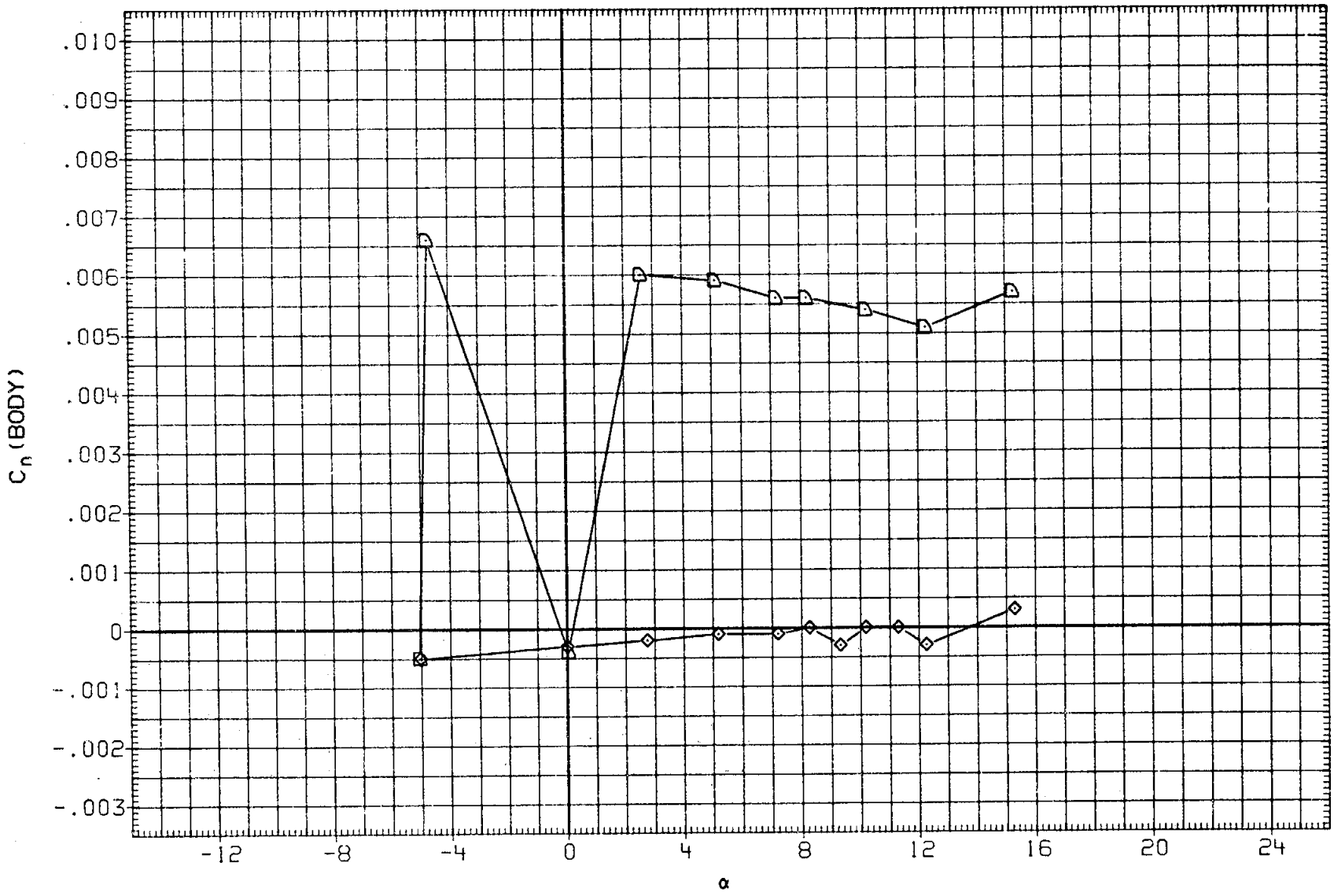


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◸	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	-5.000	

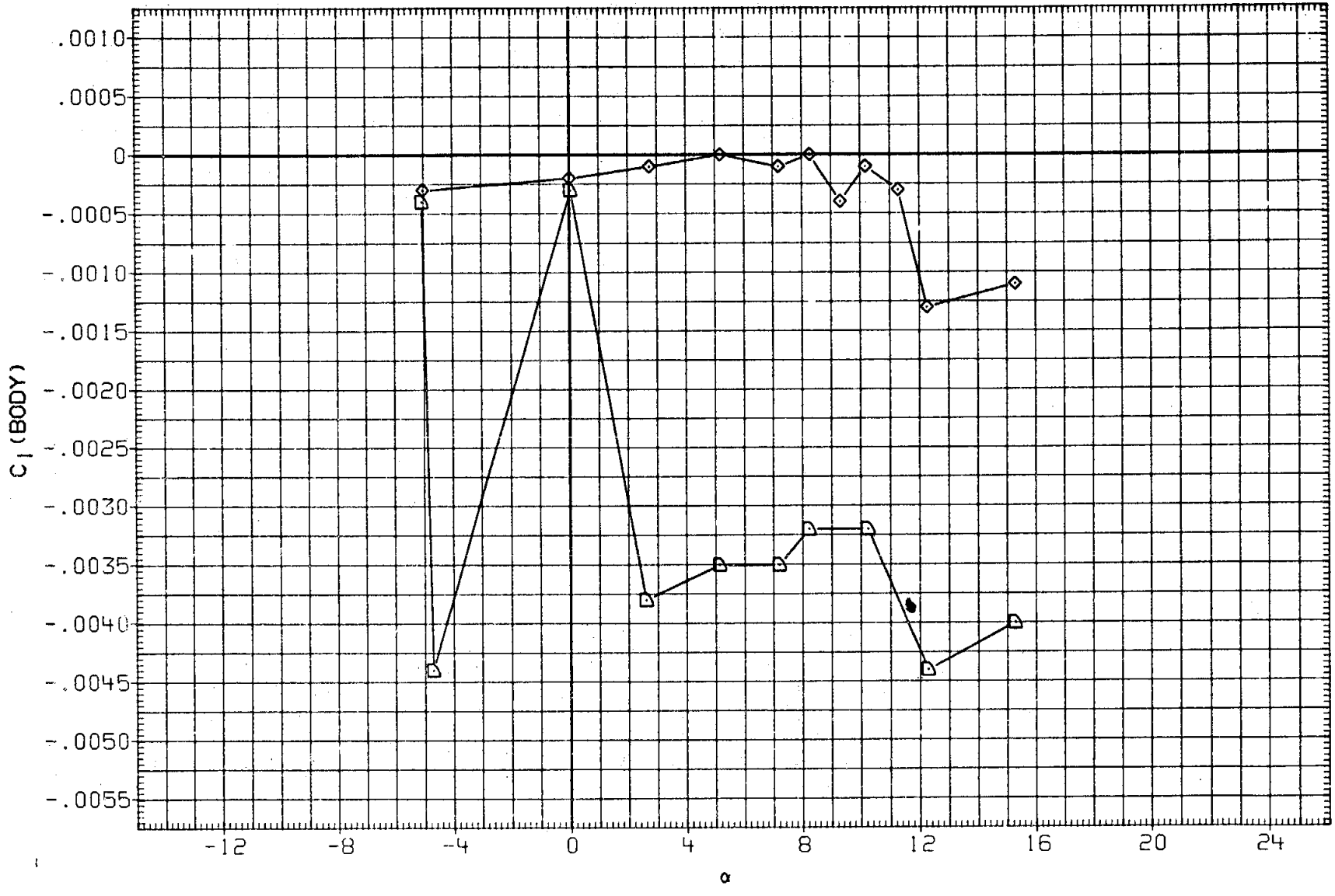


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⌂	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

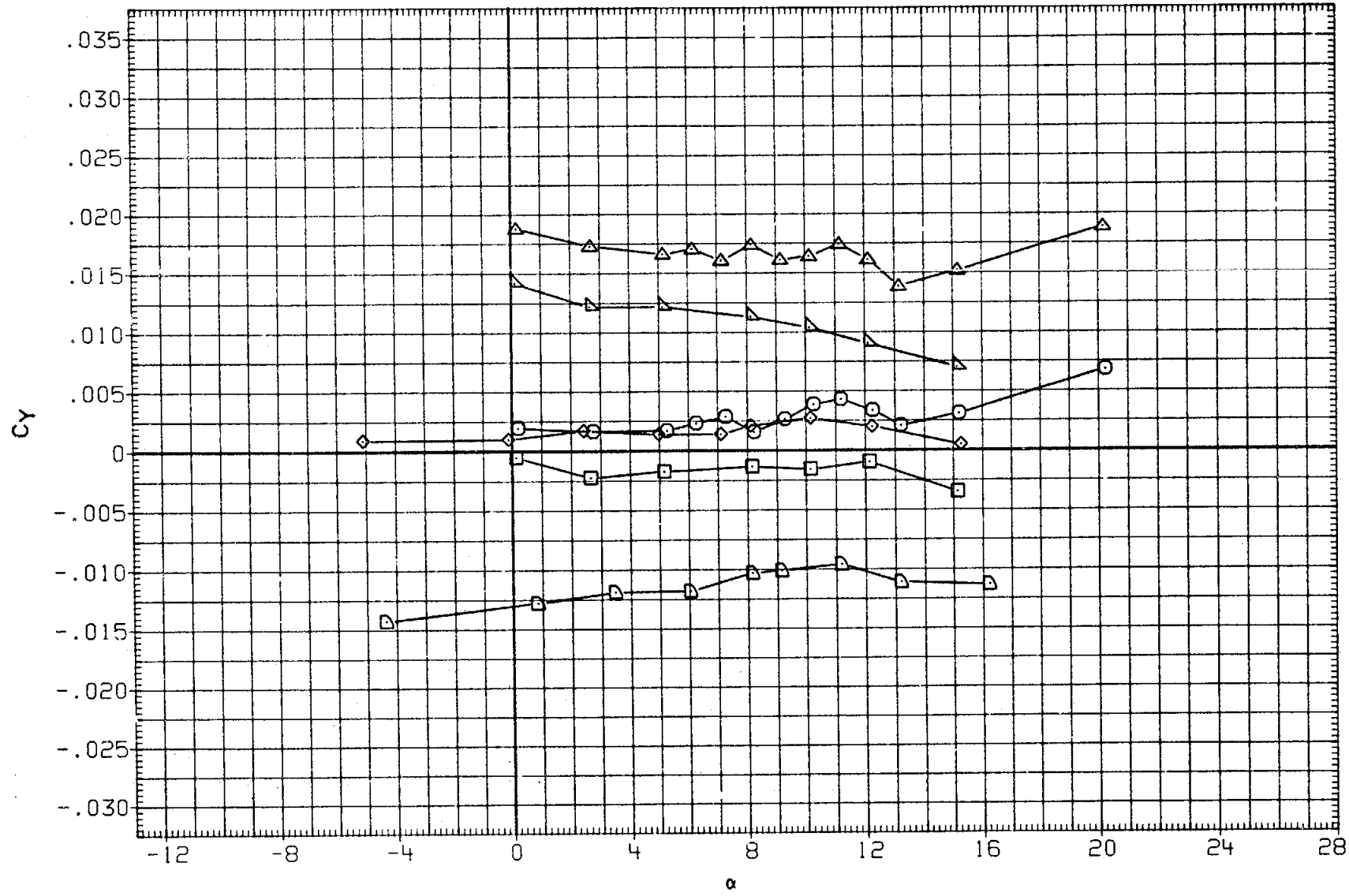


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO014	○	LARC 16FT TWT 325(OA270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(OA270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	.000	
RKO018	△	LARC 16FT TWT 325(OA270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	LARC 16FT TWT 326(OA270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	-5.000	

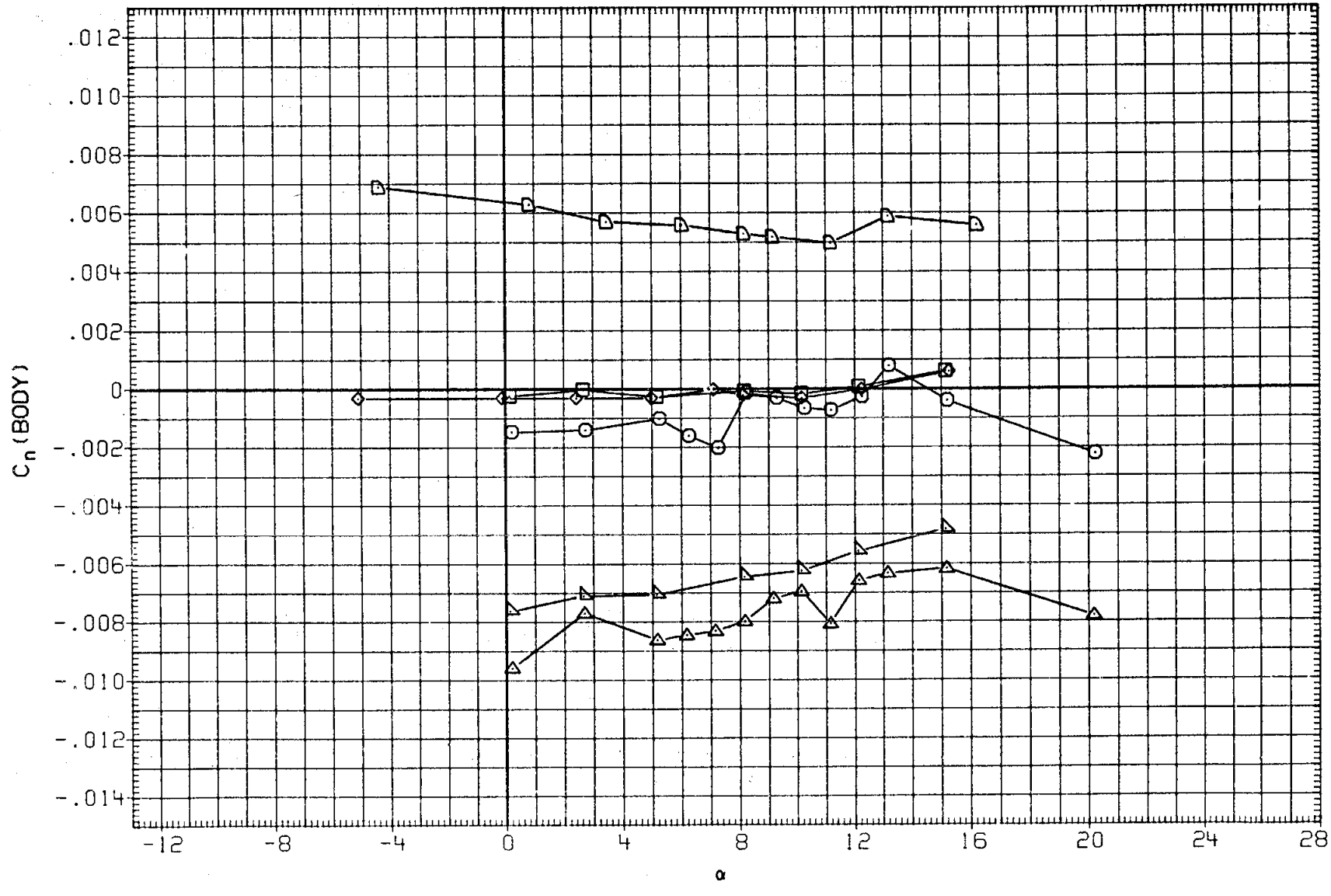


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

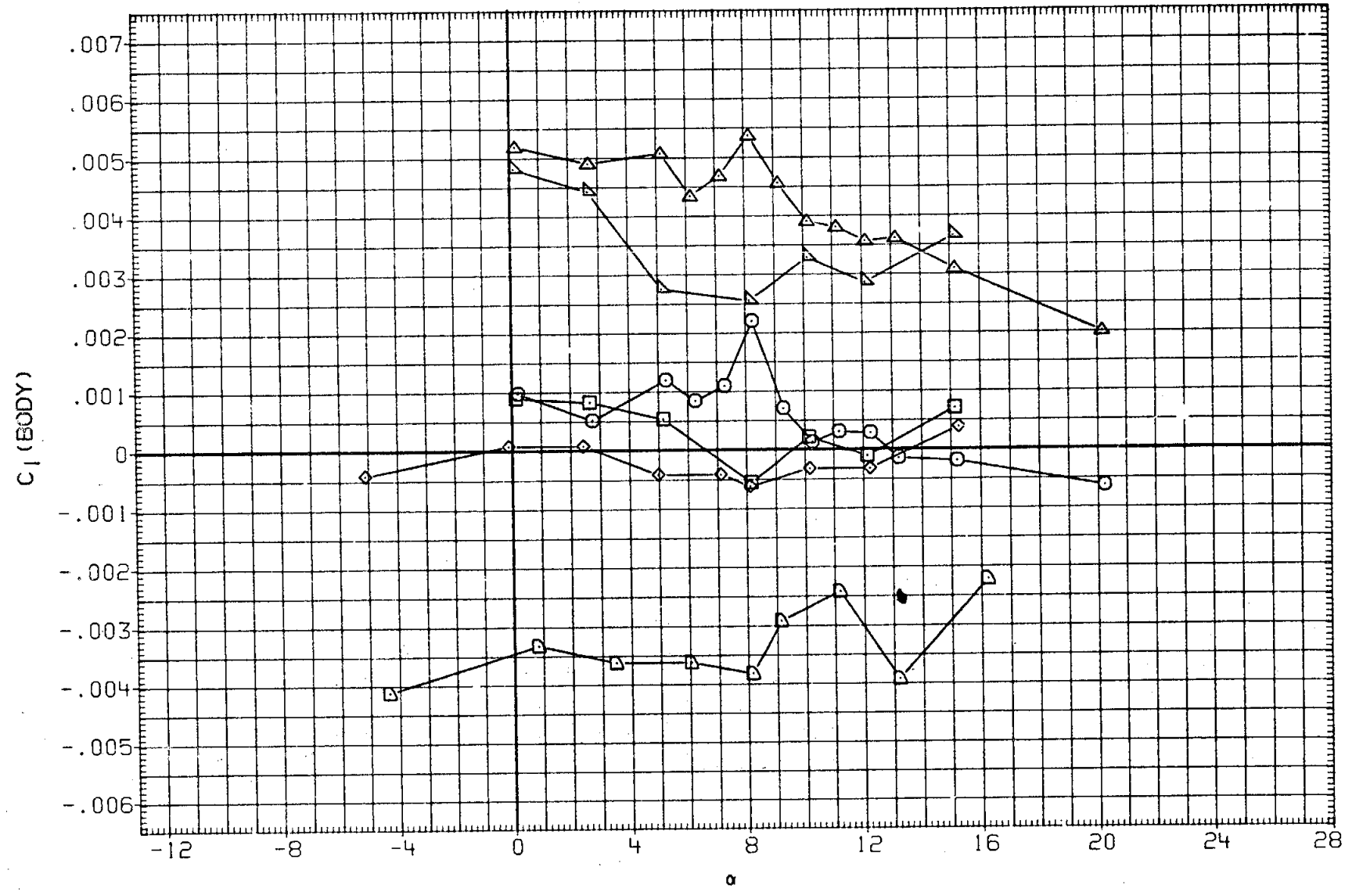


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

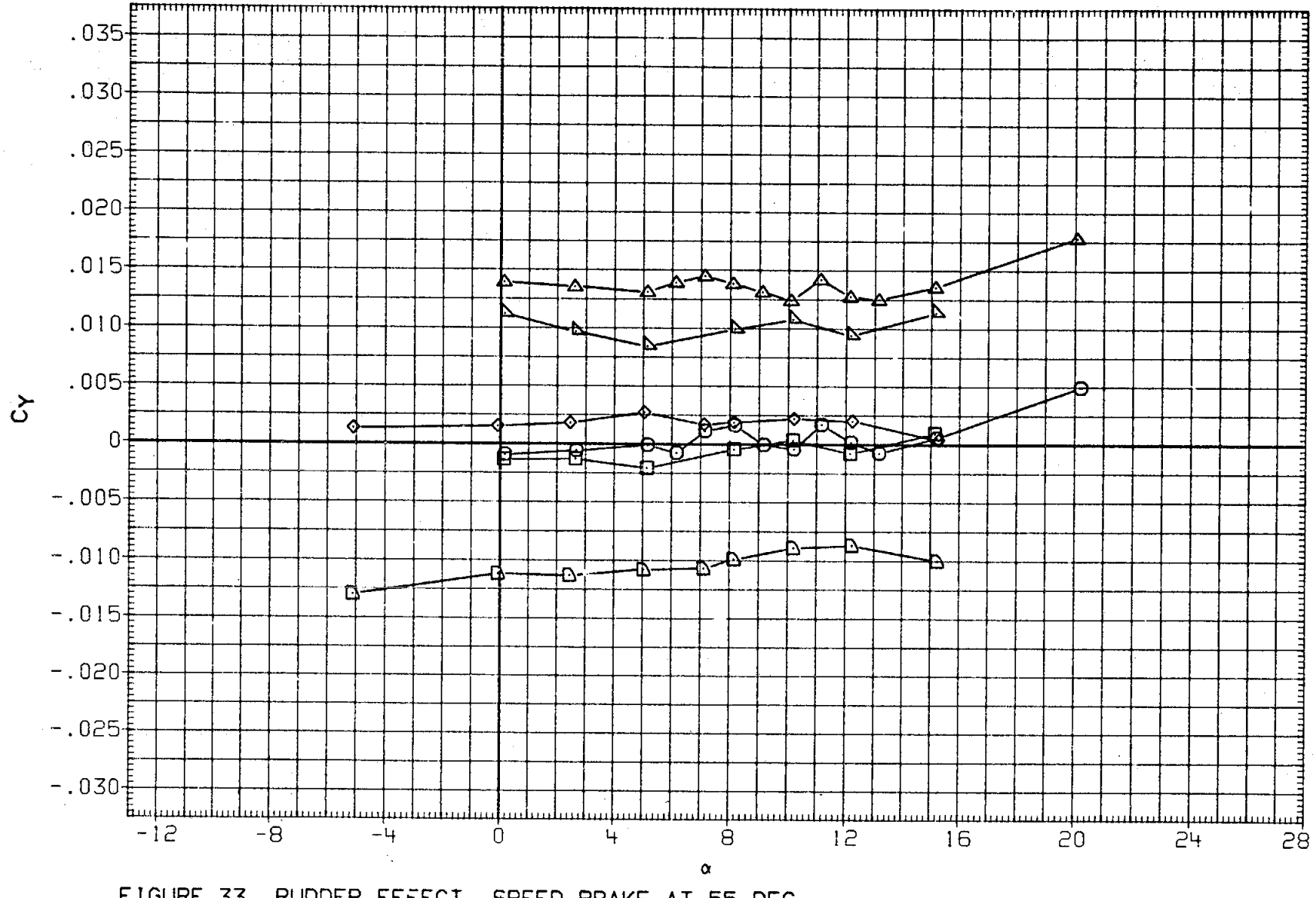


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RKO018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

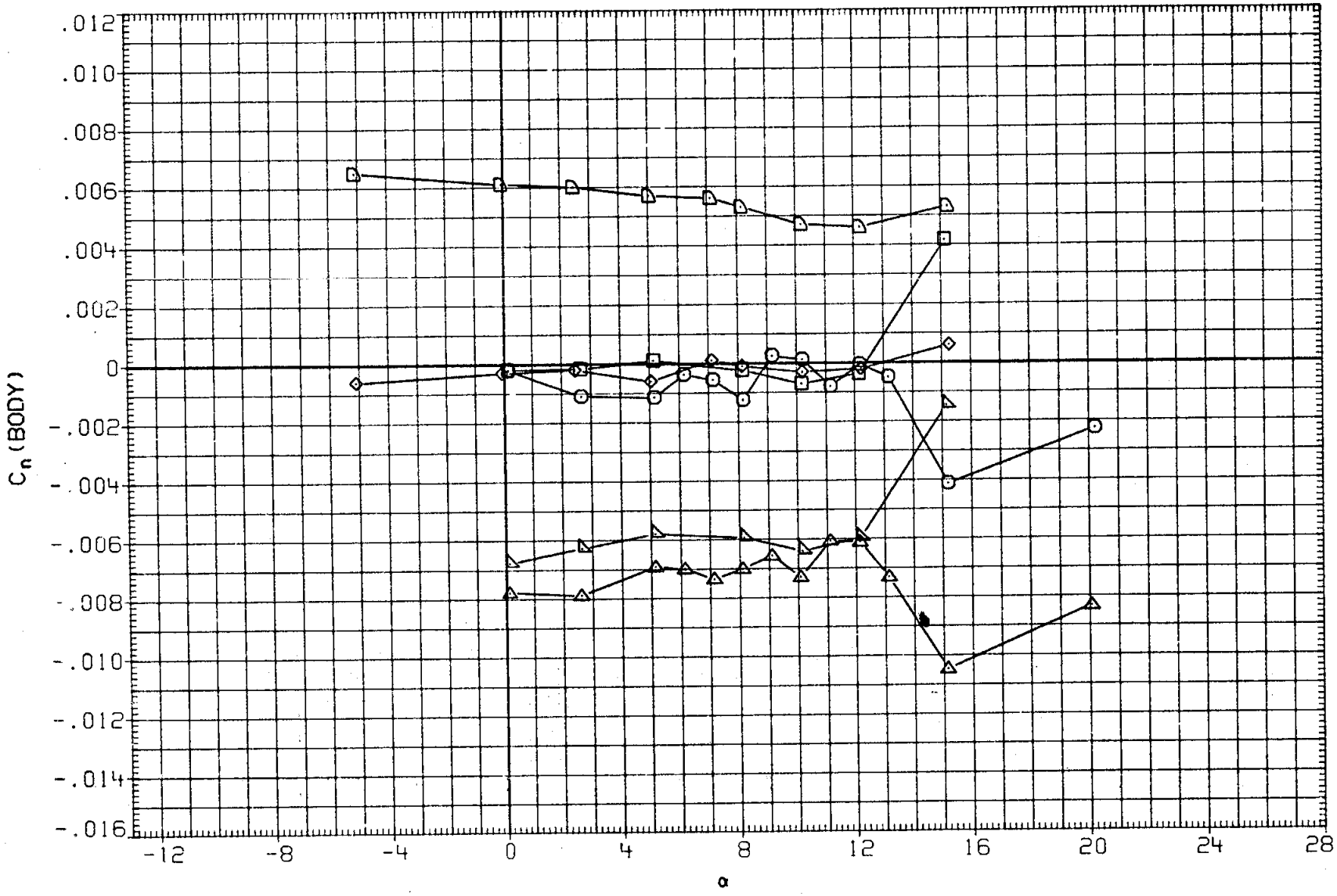


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

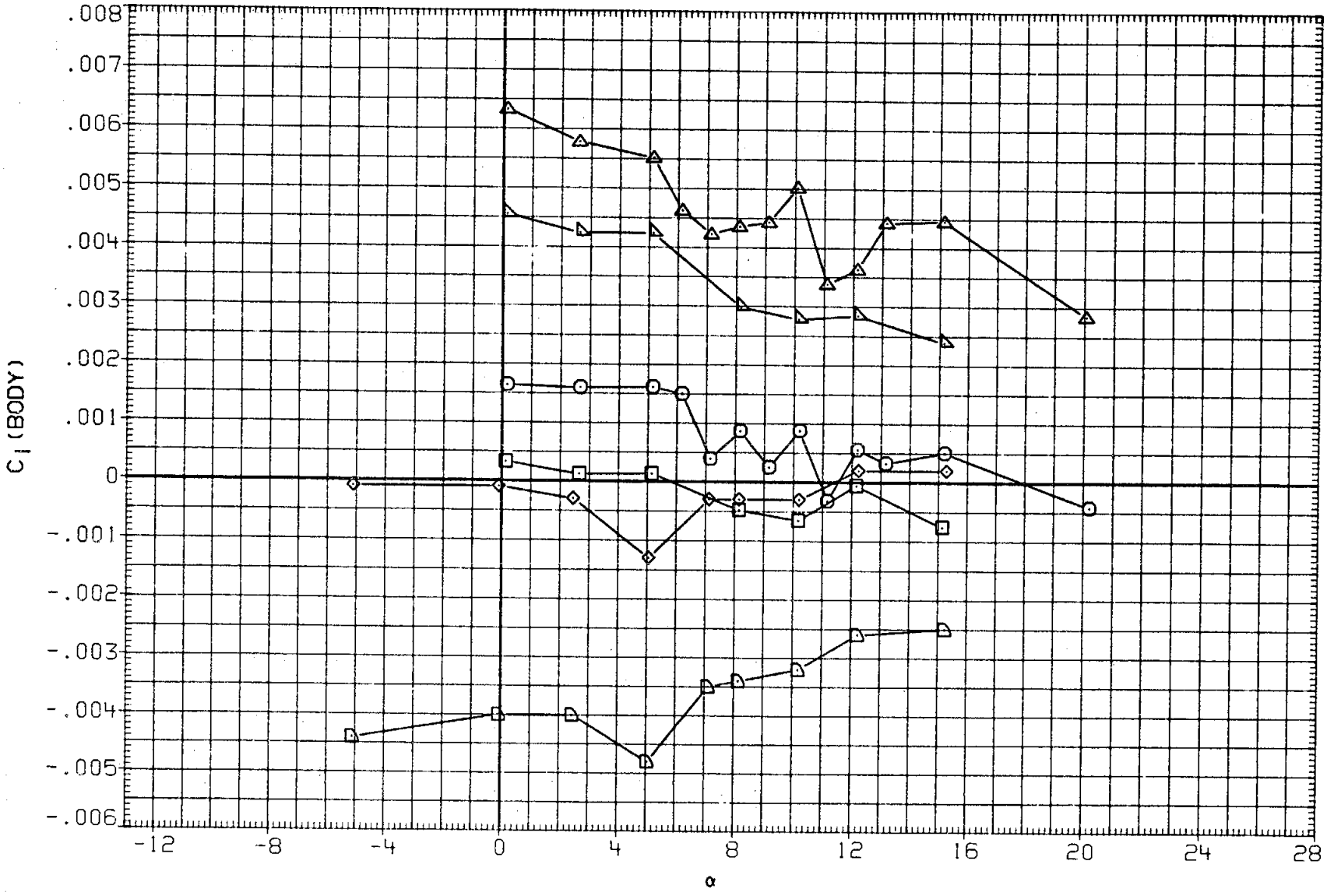


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

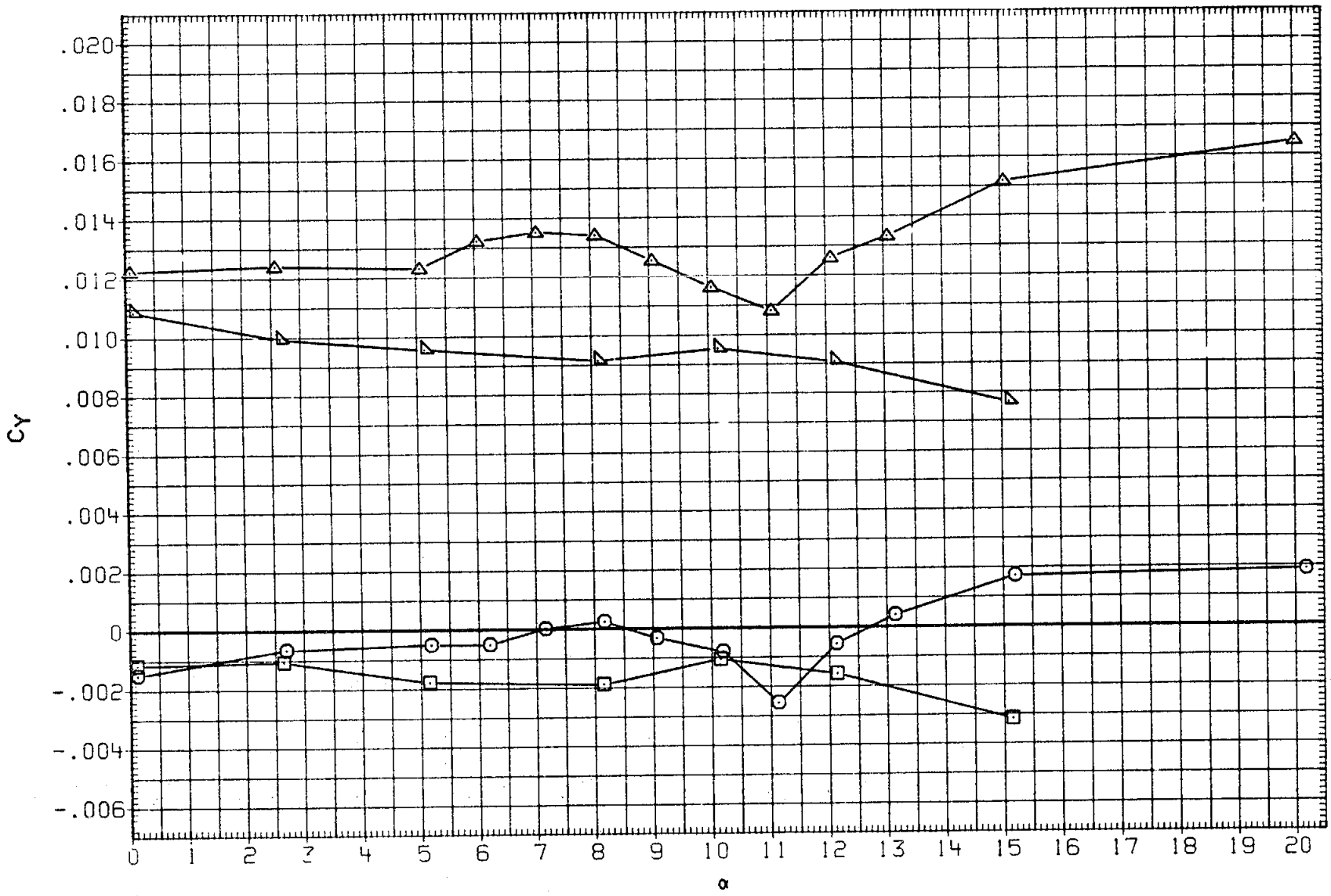


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

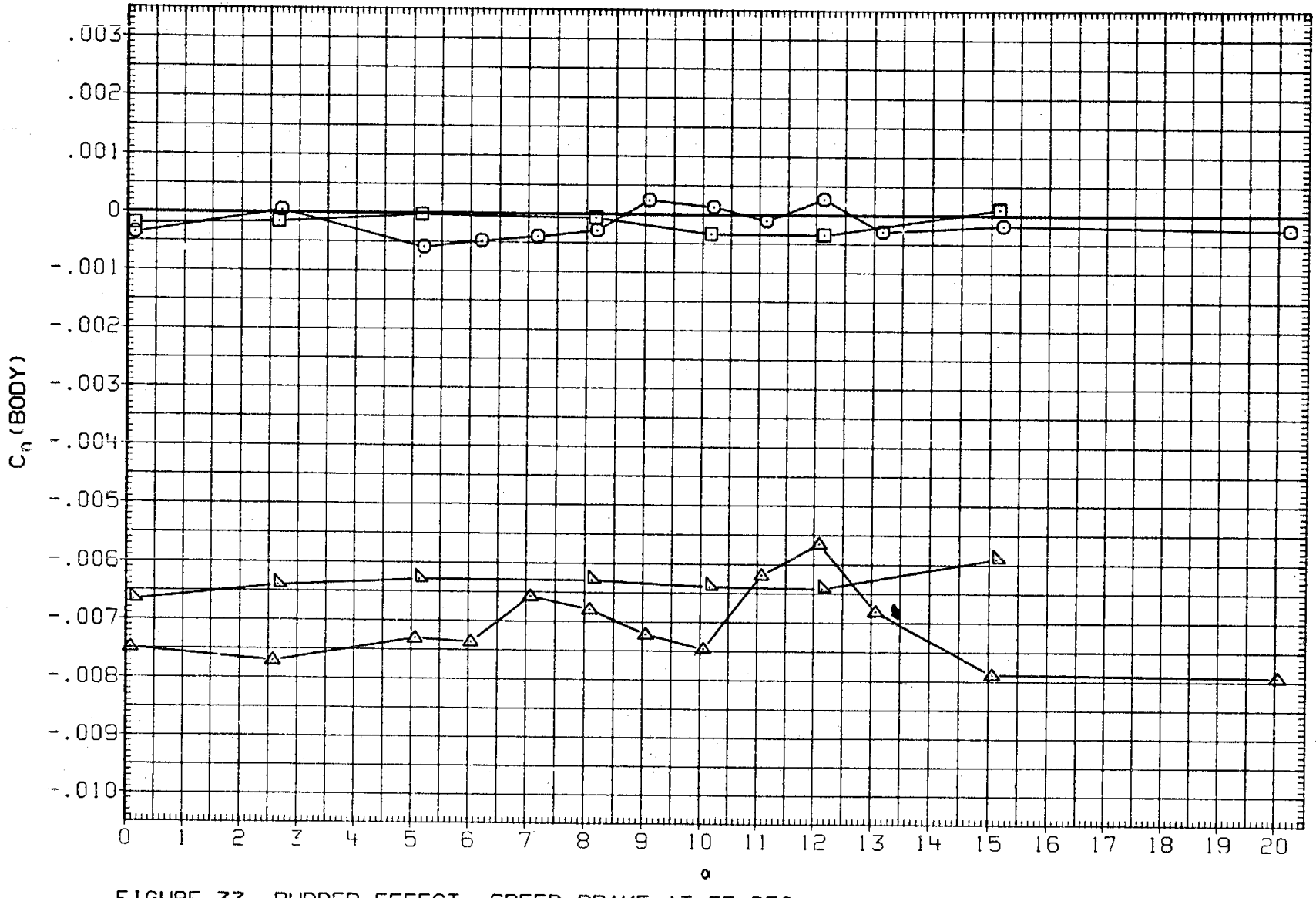


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RKO018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

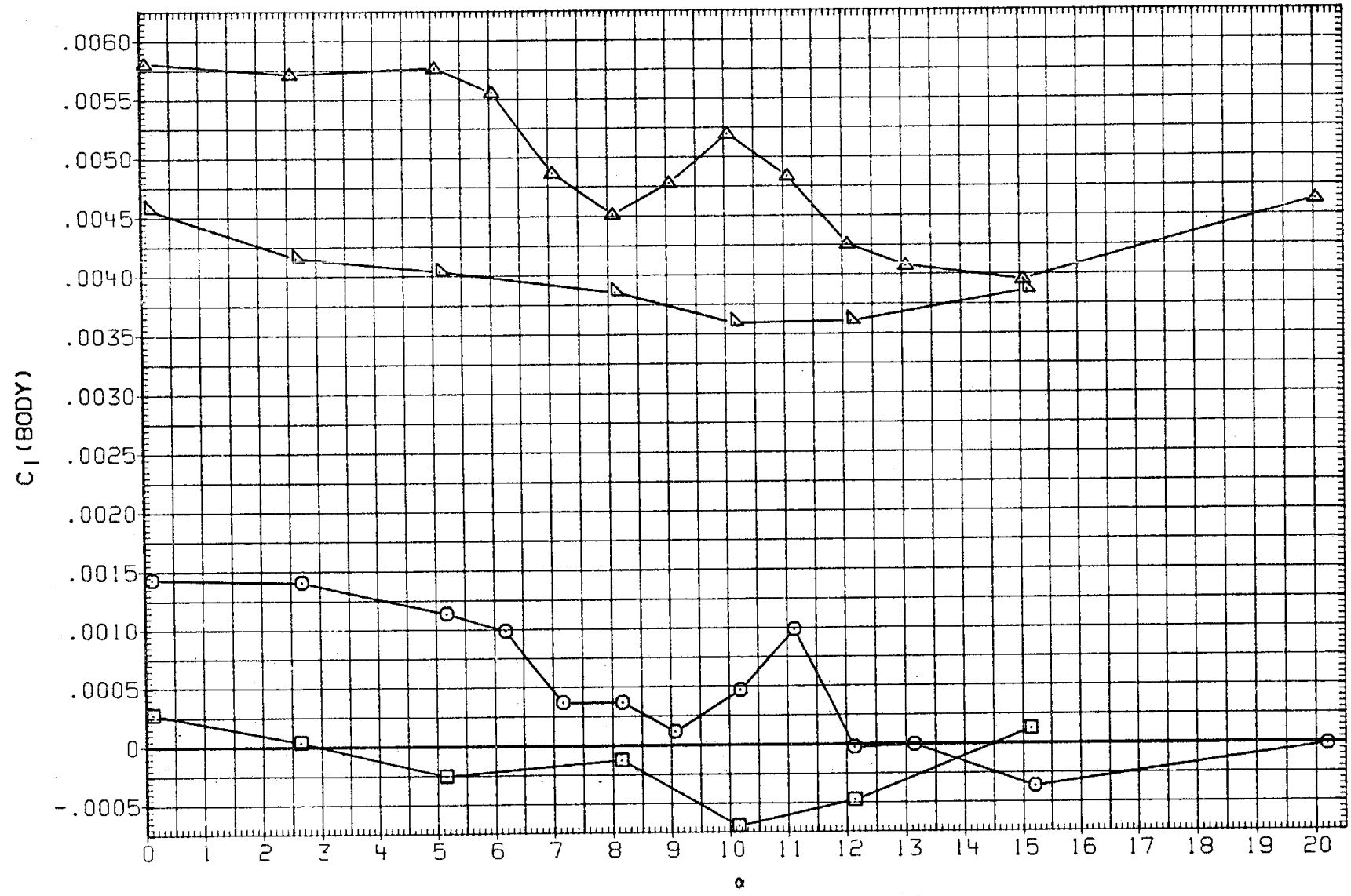


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

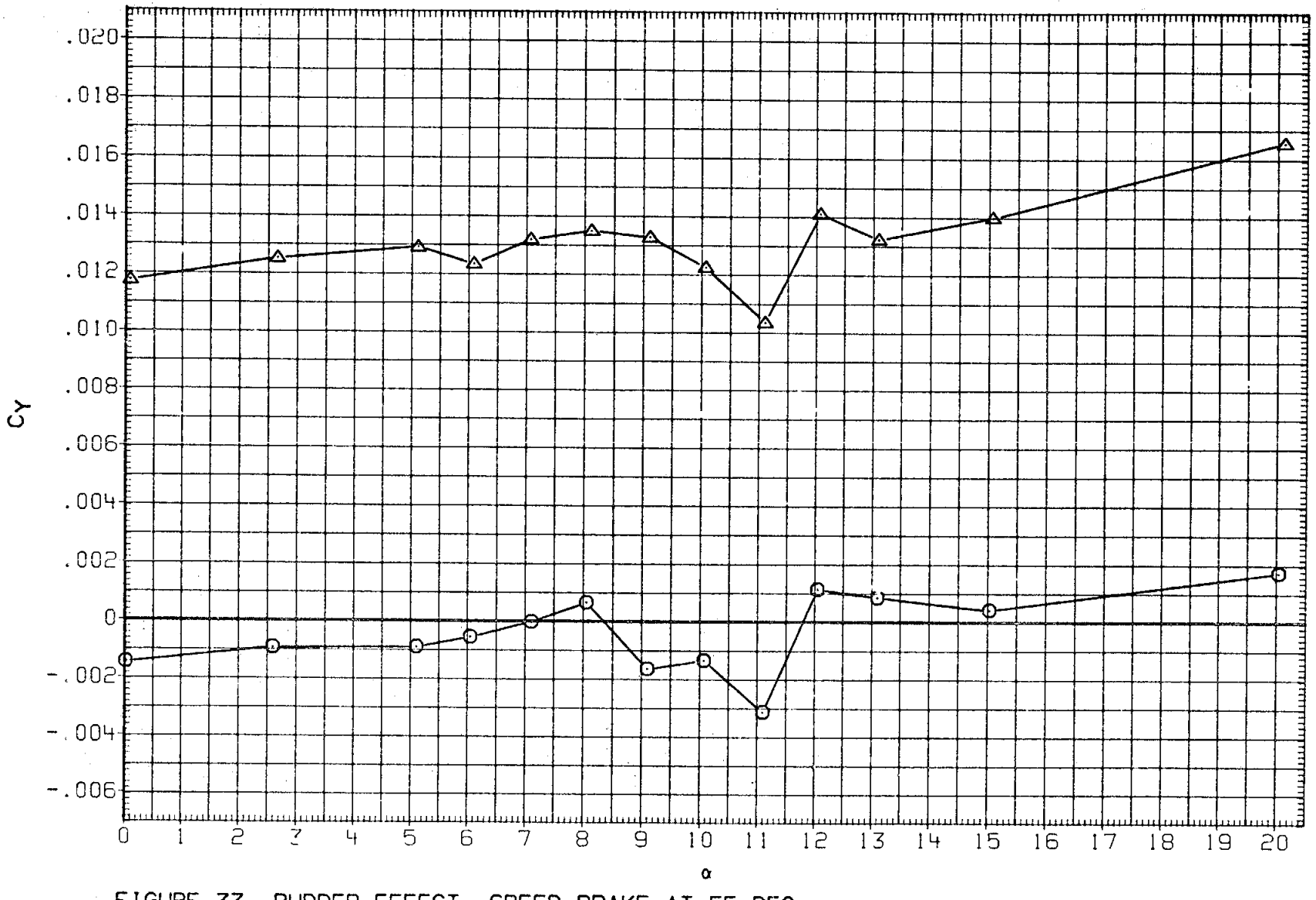


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

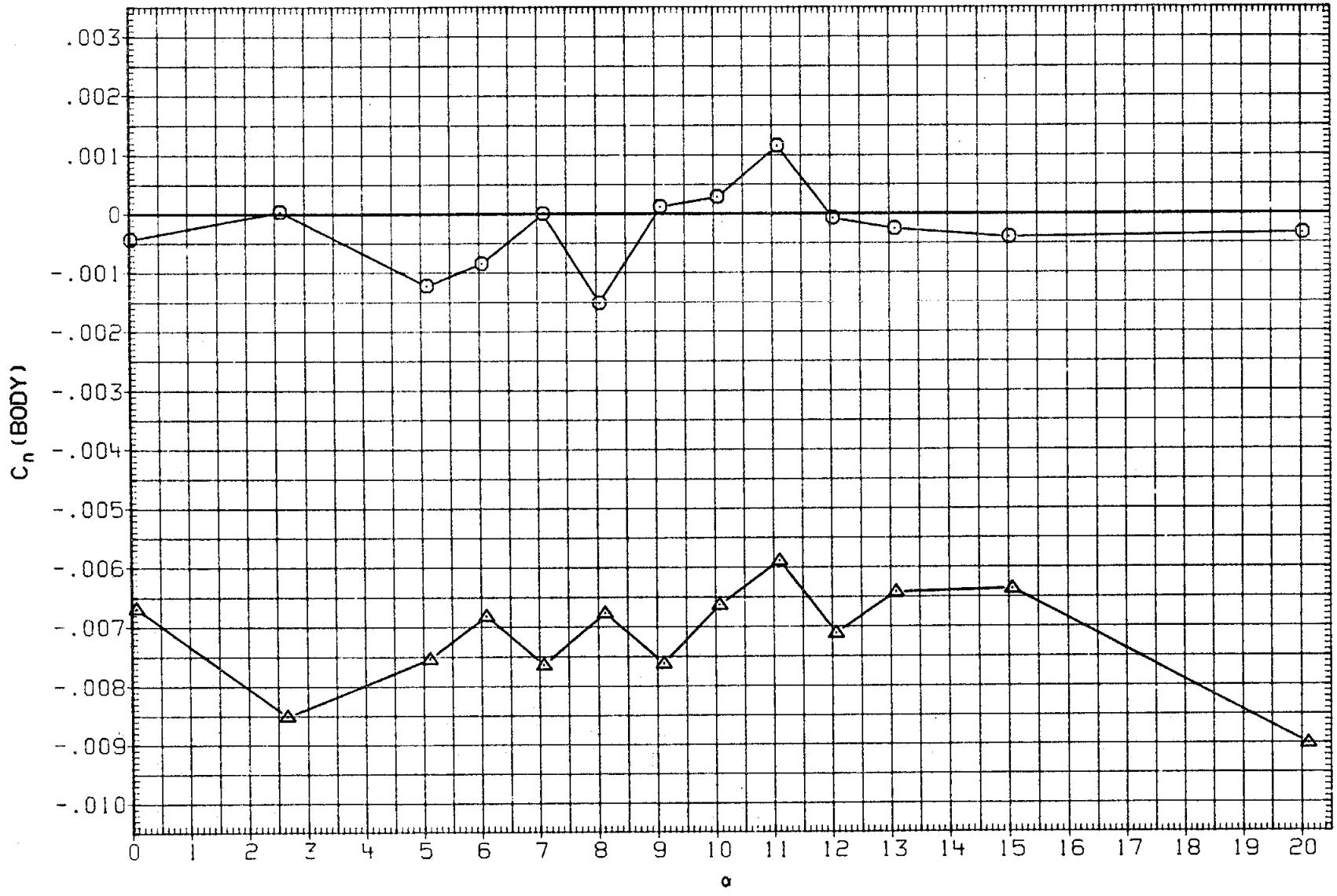


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

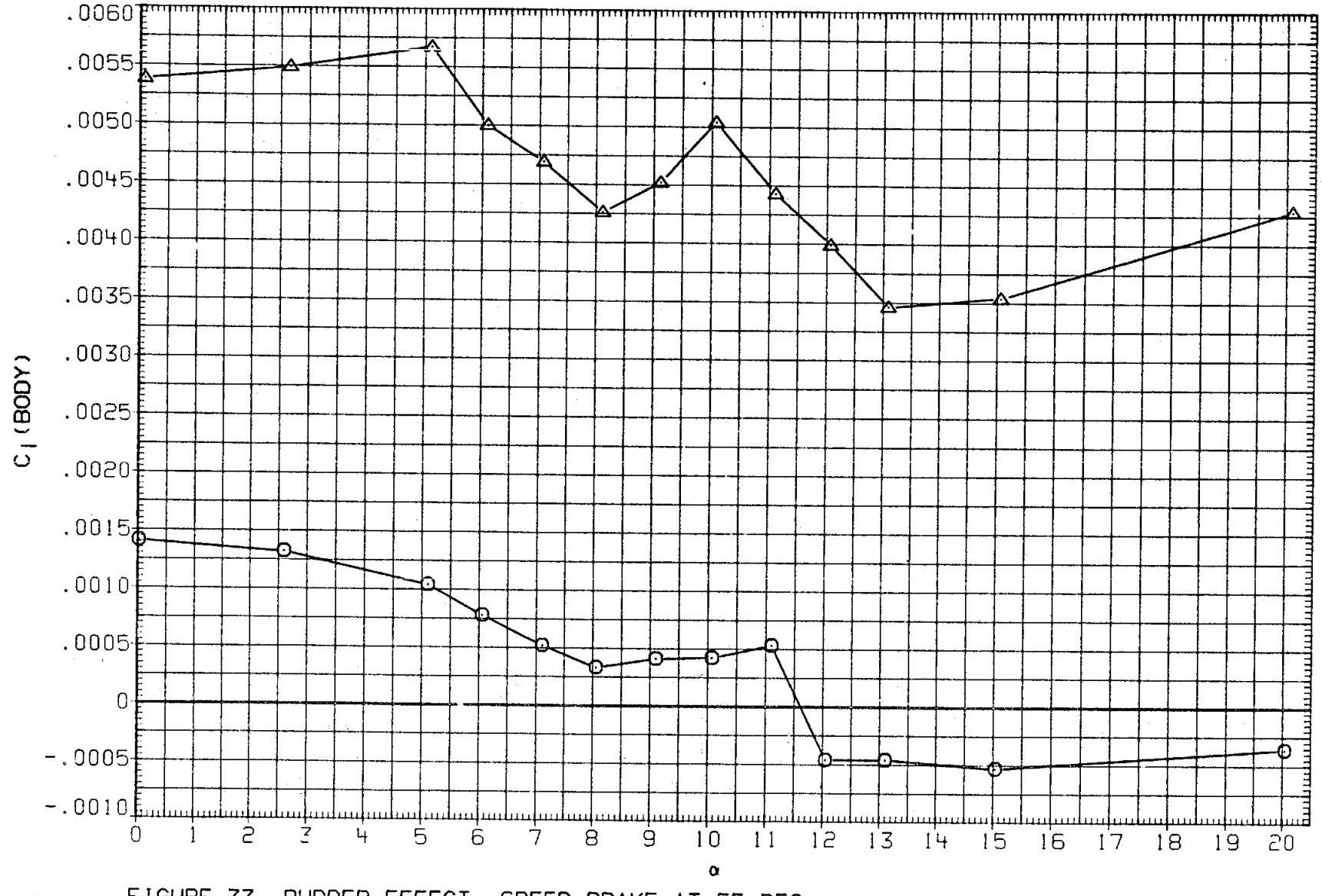


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

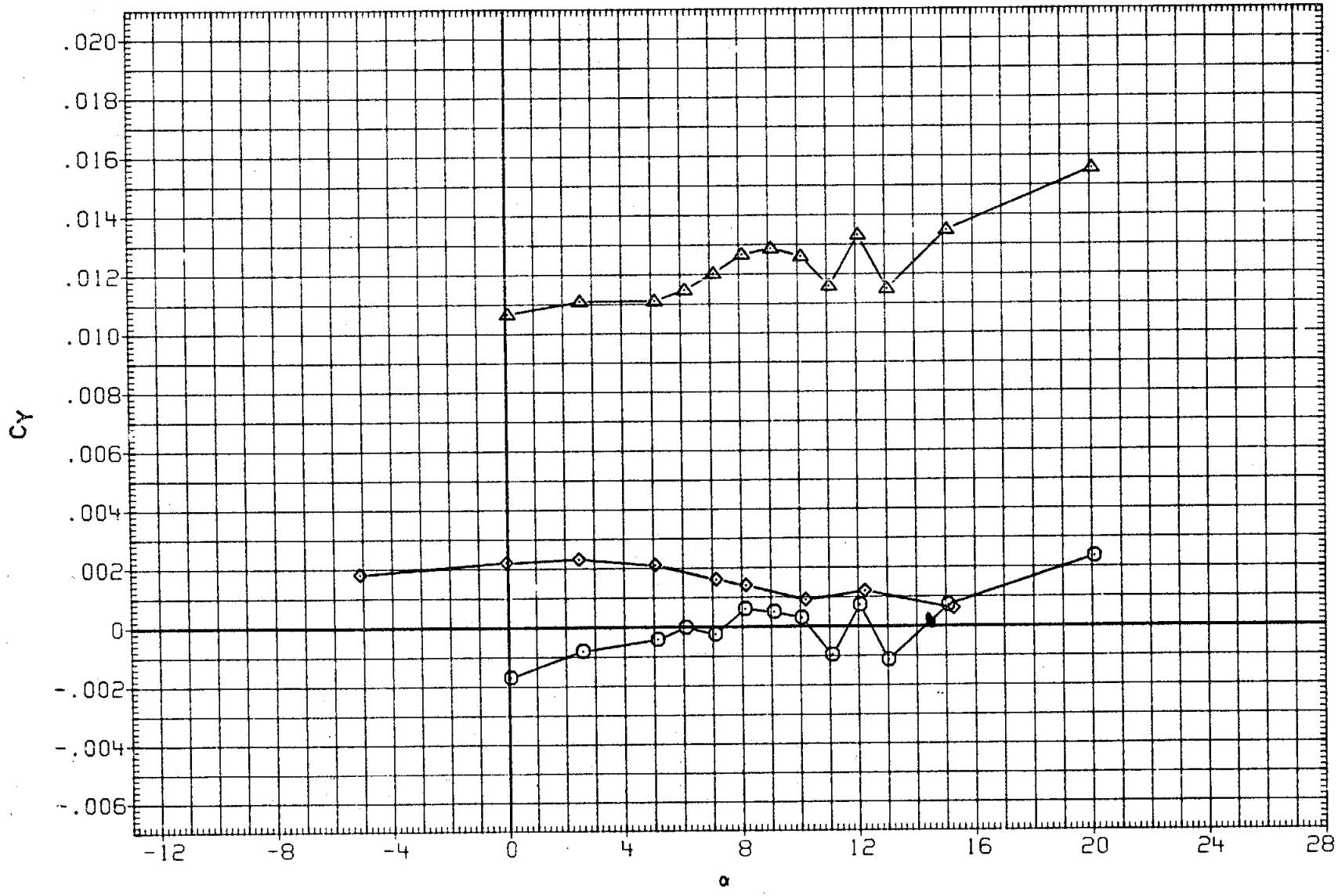


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F090	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

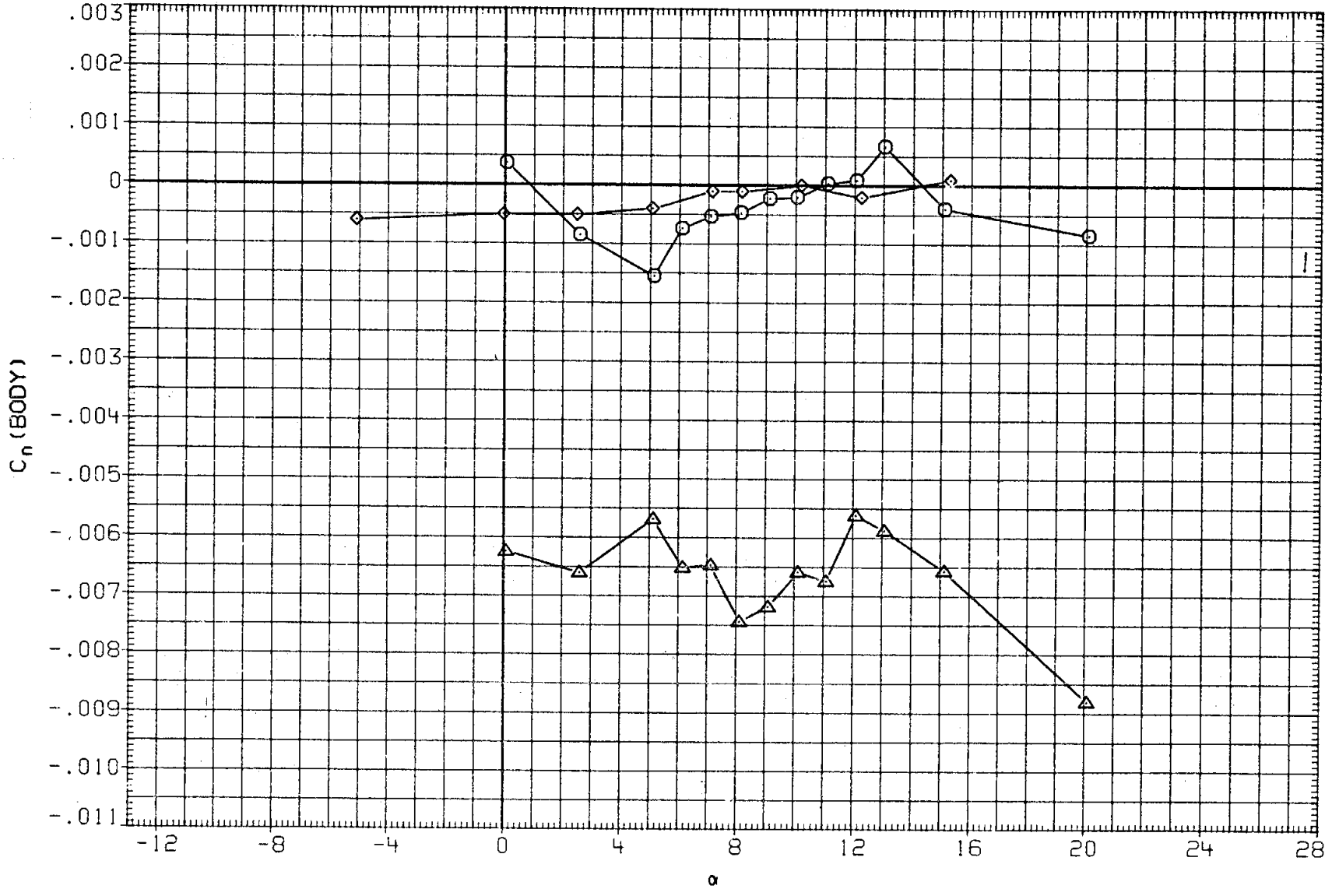


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

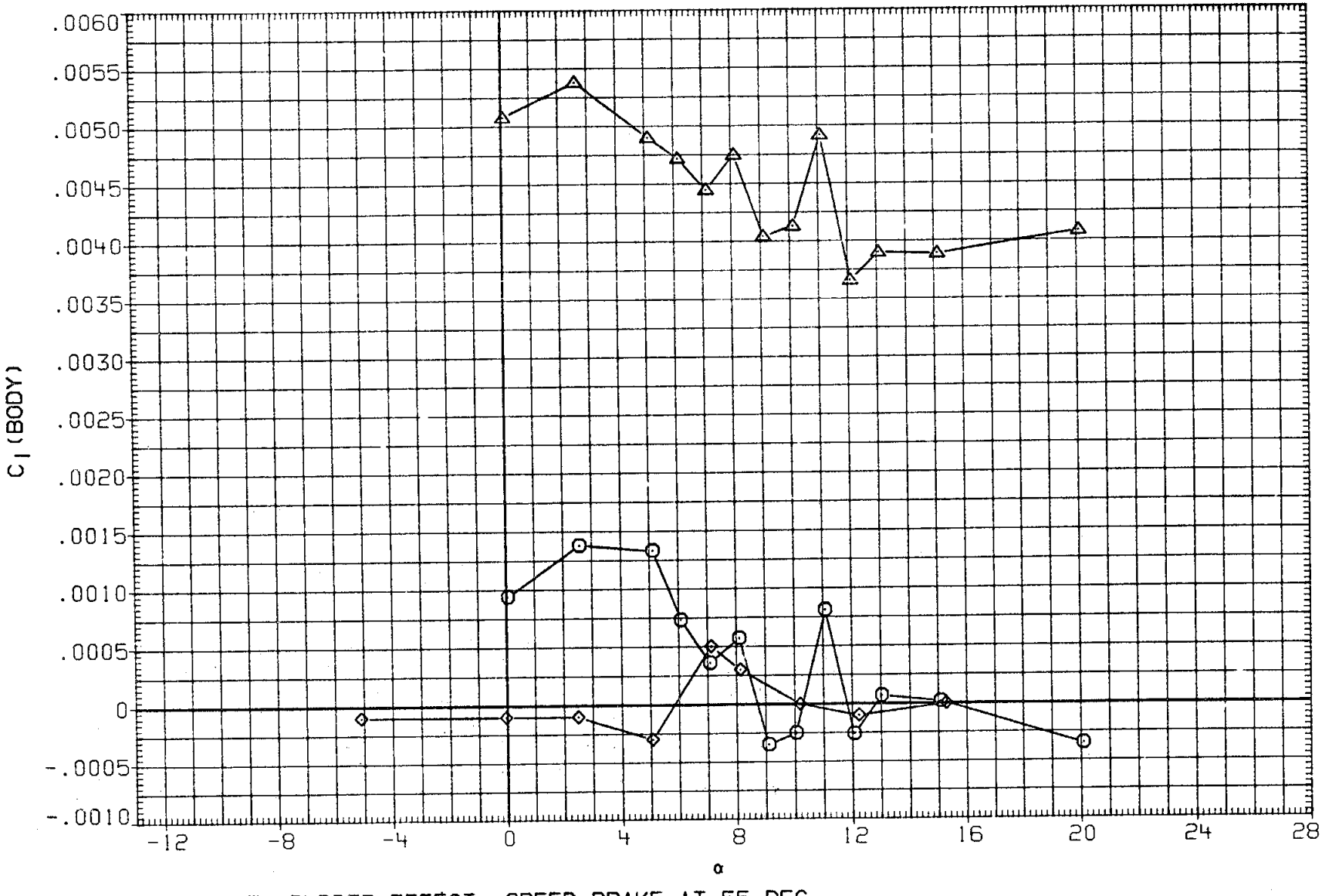


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

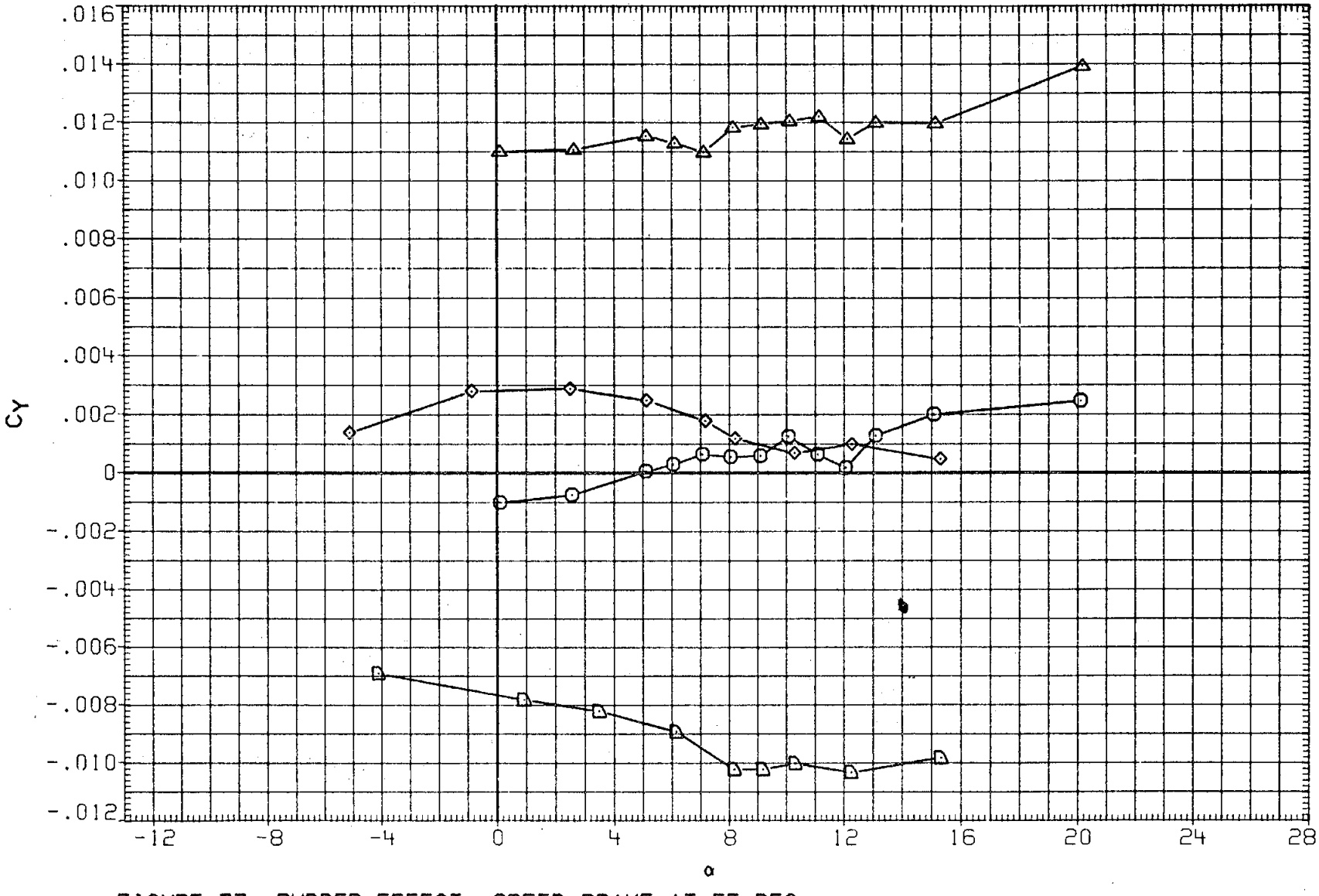


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◸	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	◺	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

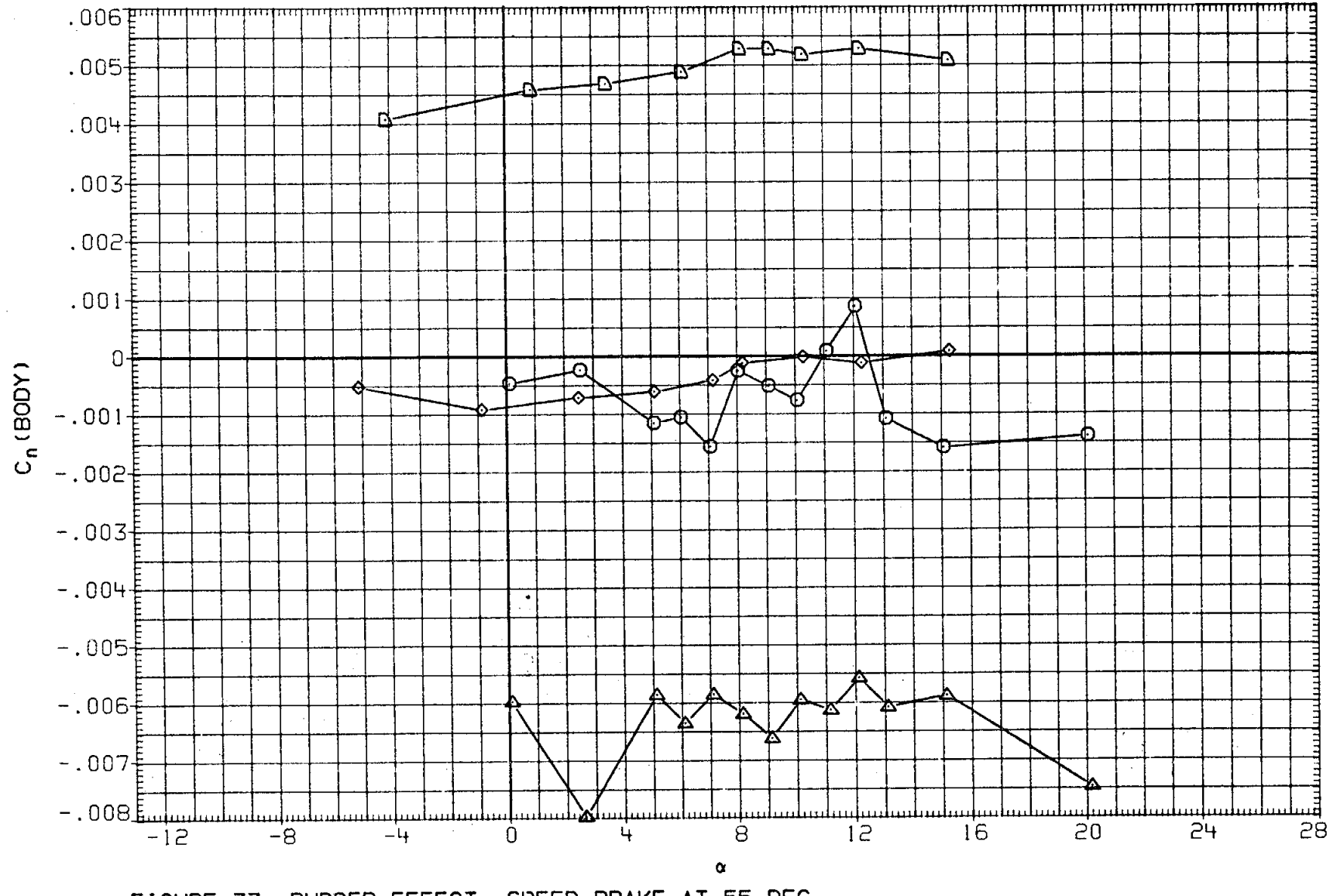


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 11B-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270C) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	◺	AMES 11B-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

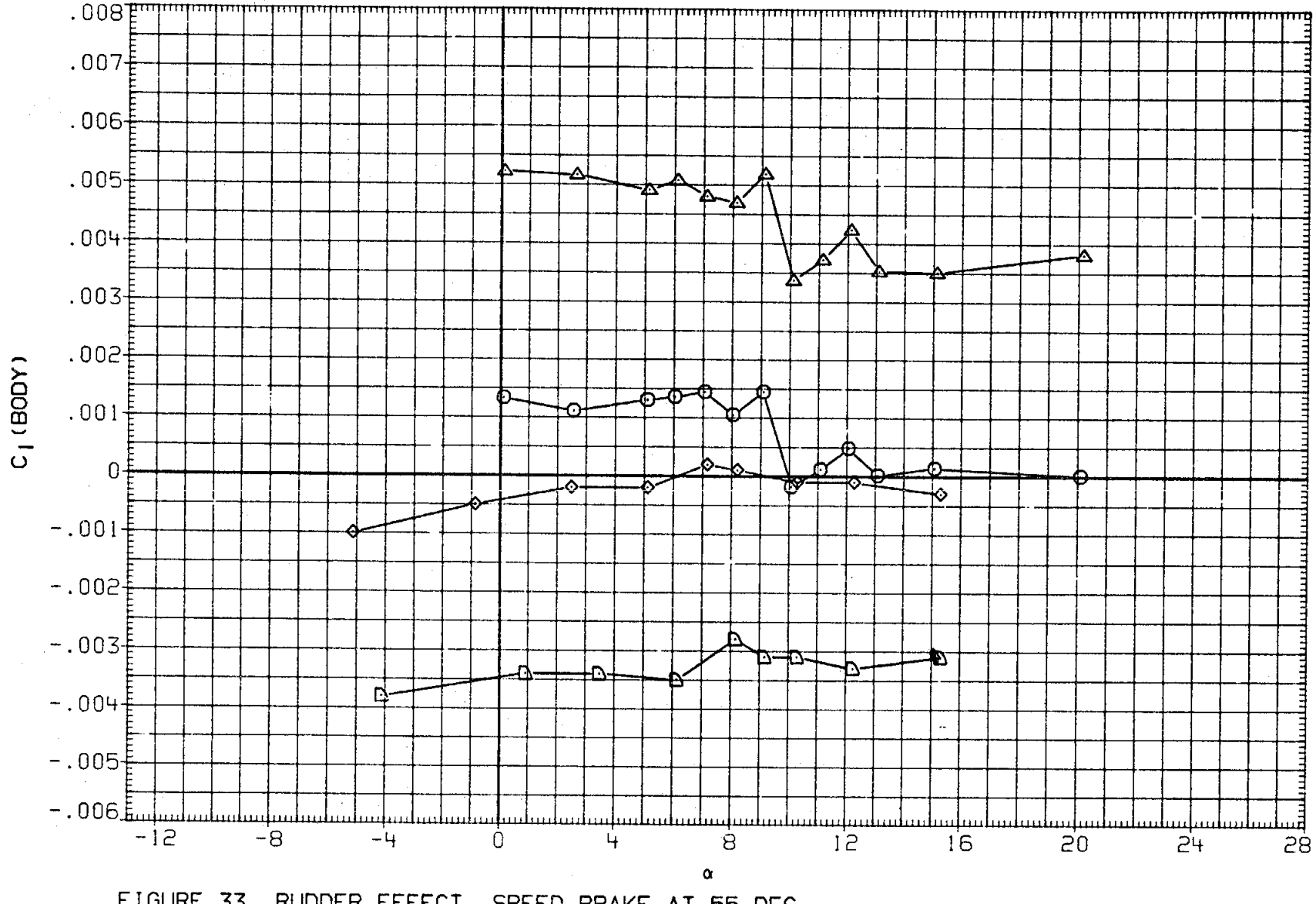


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RKO018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

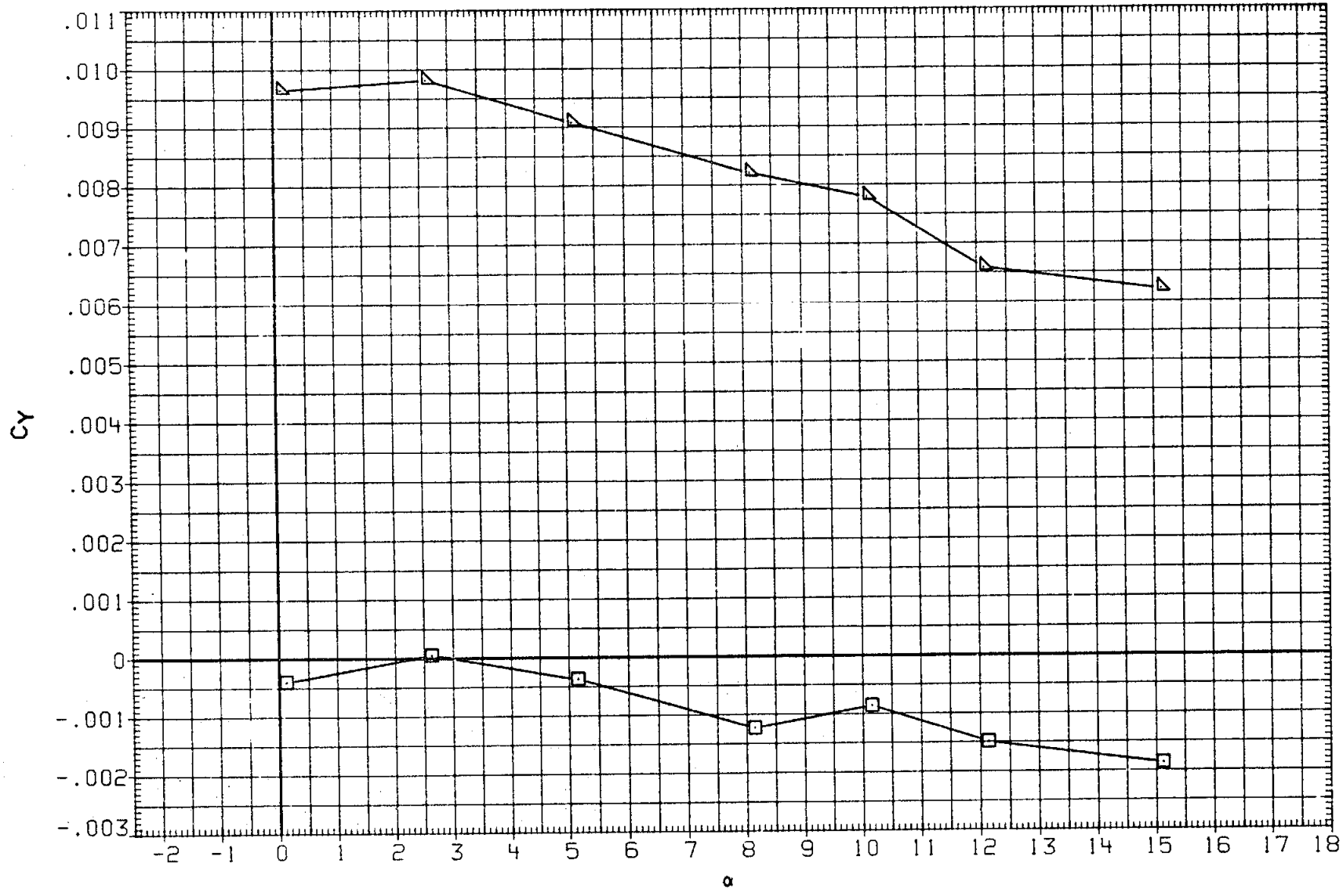


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(1)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	PHI
RKO014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RKO018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▽	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	◻	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

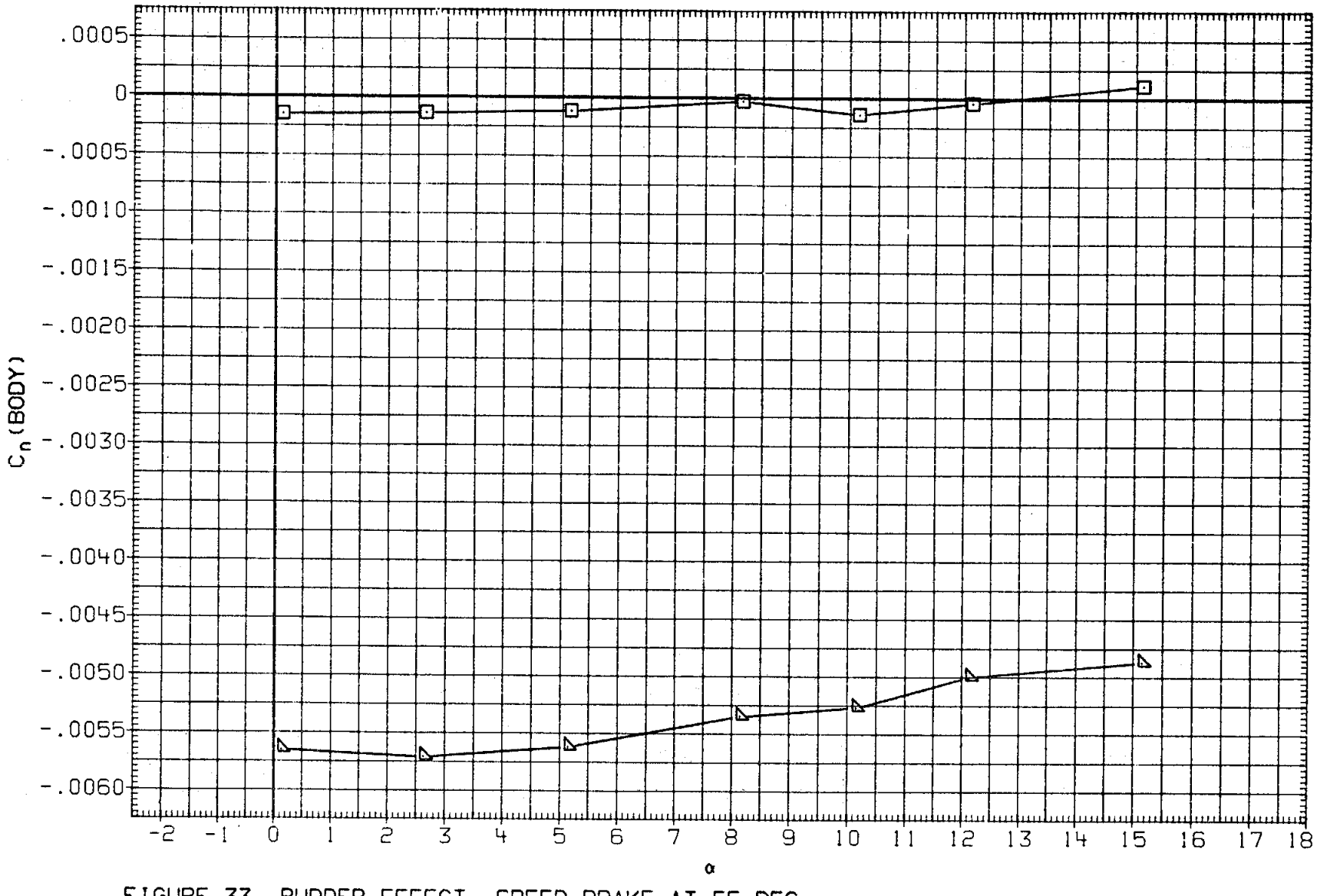


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◸	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	◺	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000	

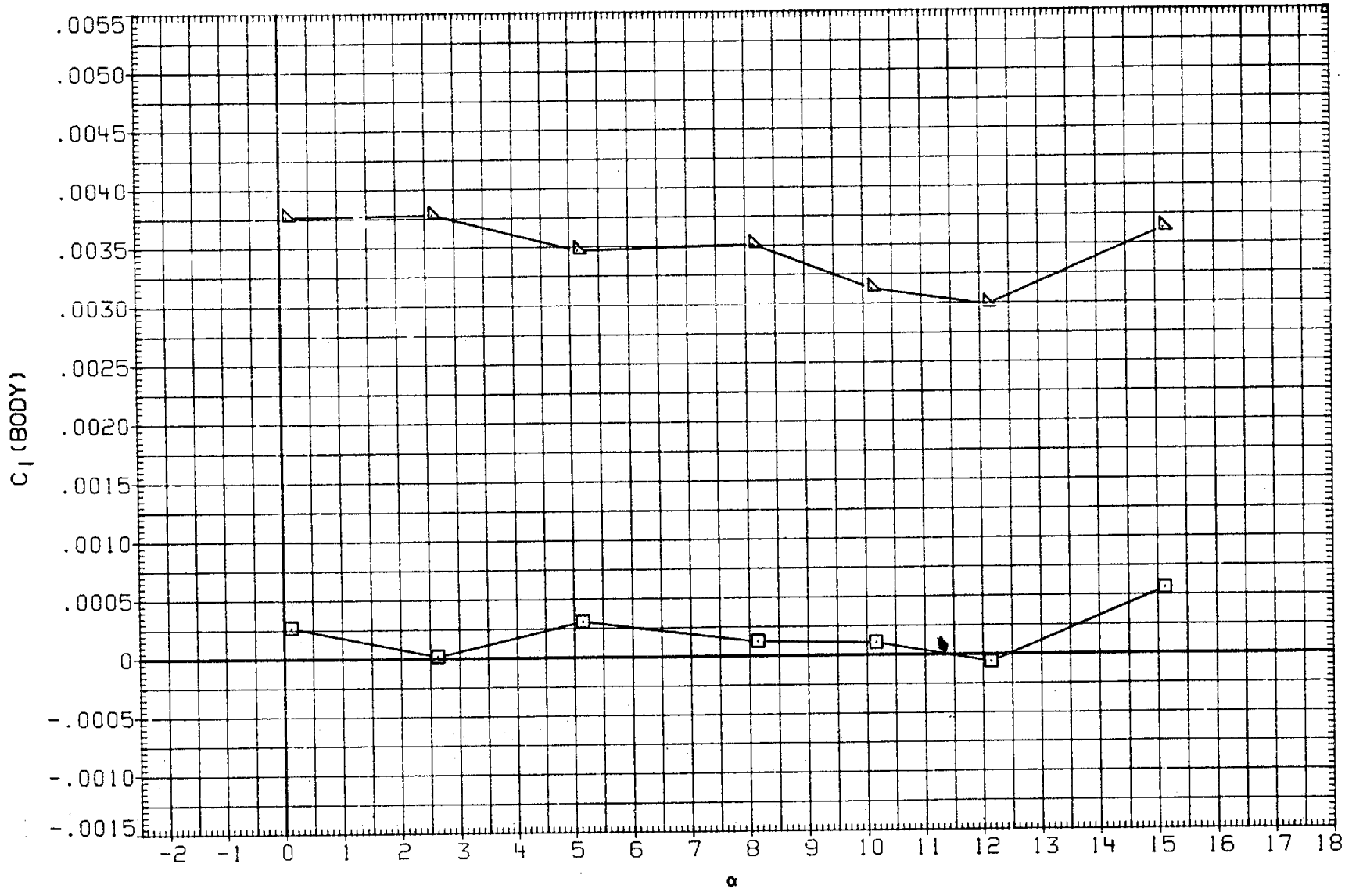


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▱	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

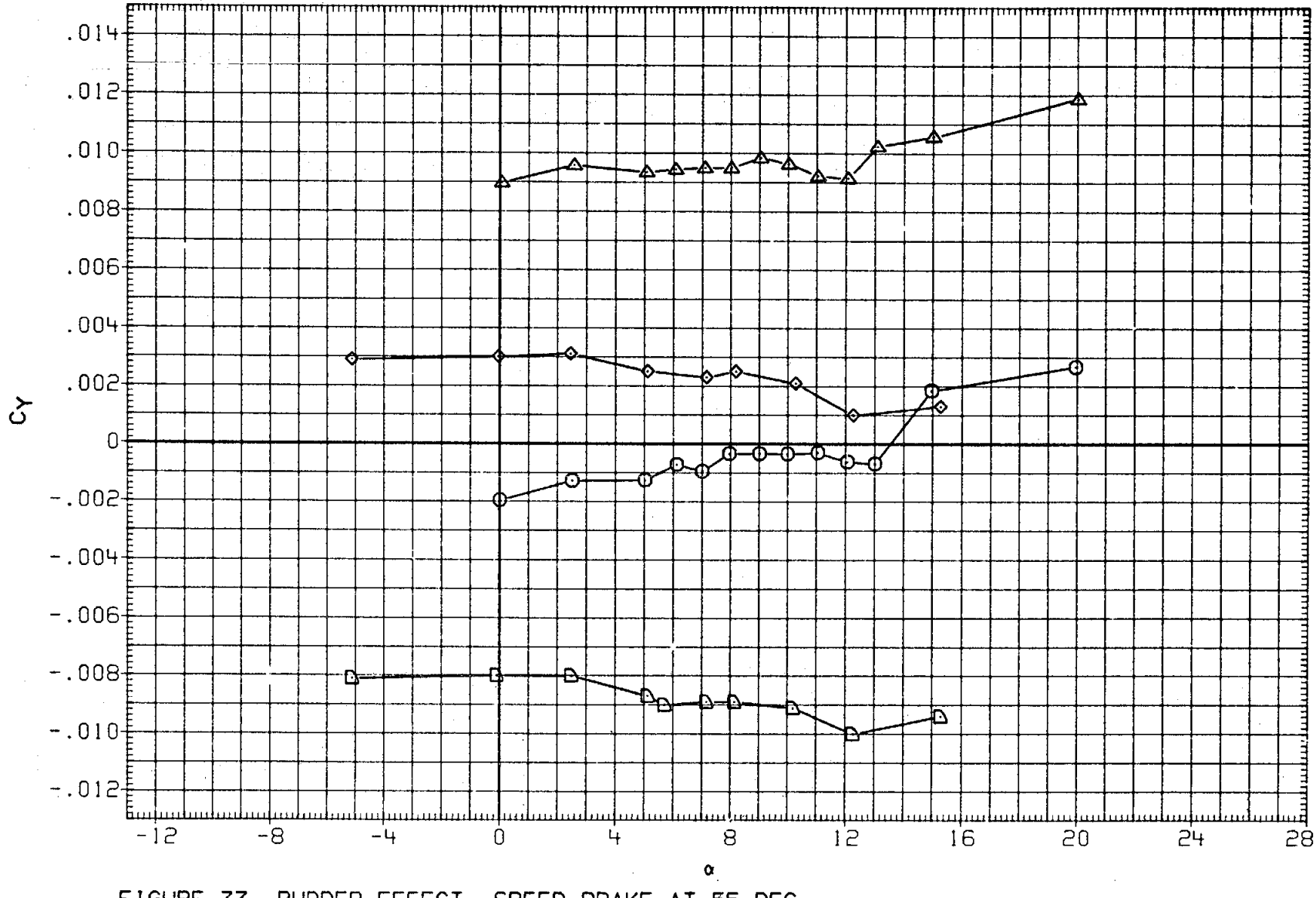


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	LARC 16FT TWT 325(0A270B 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▷	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

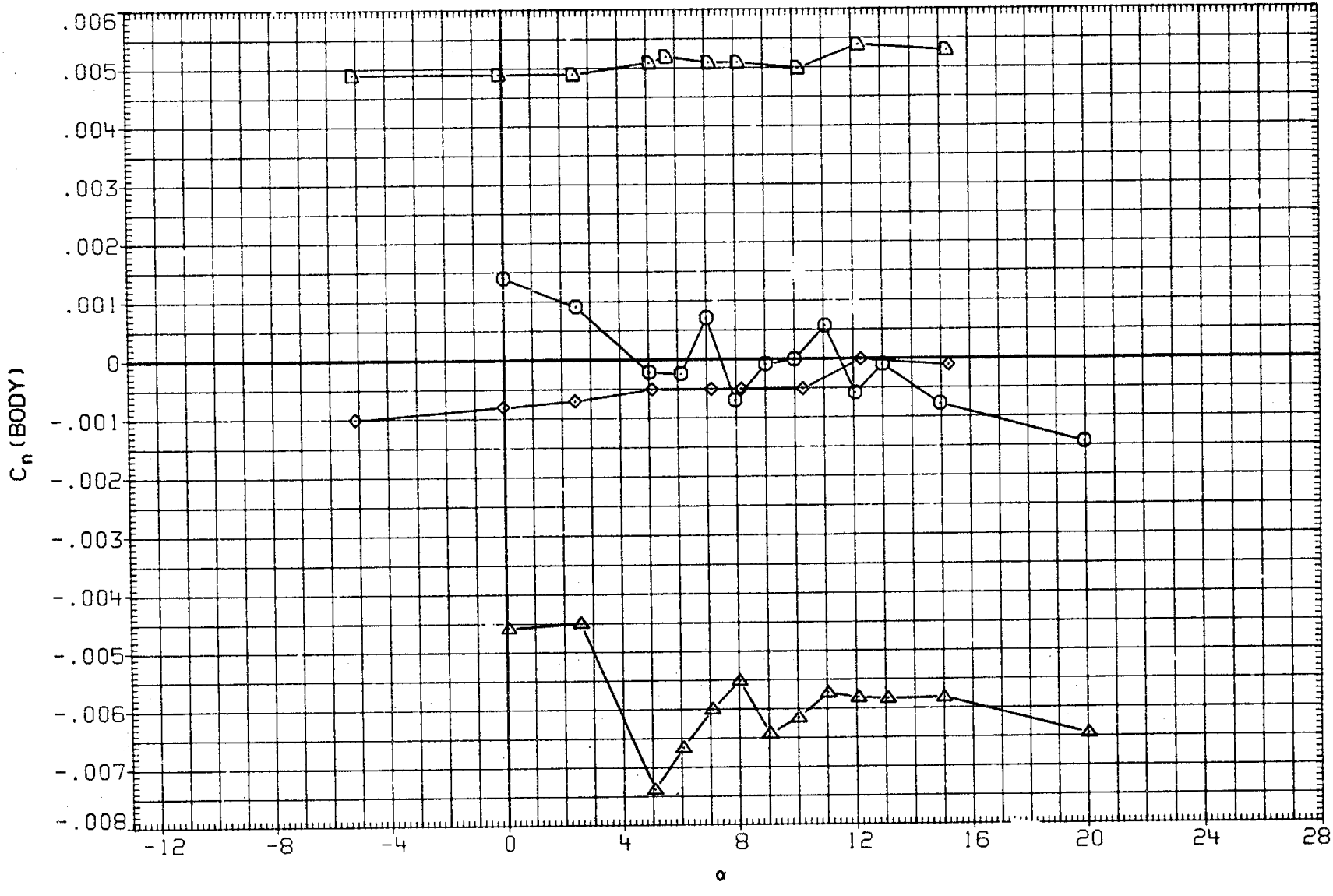


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RKO014	○	LARC 16FT TWT 325(OA270B) 105-0 ORB.	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	.000	
RKO018	△	LARC 16FT TWT 325(OA270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.320	.000
RKN032	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	55.000	-5.000	

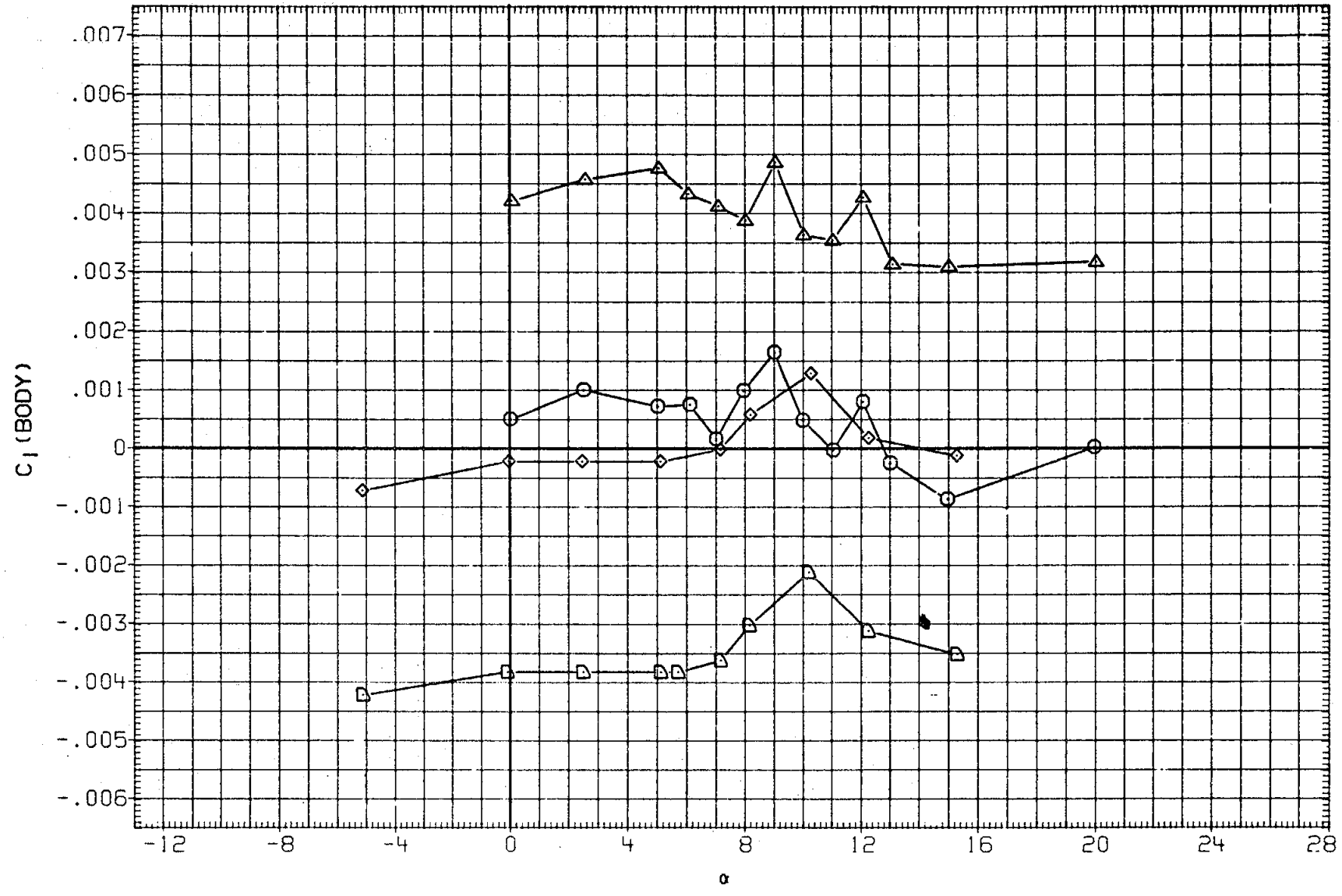


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	⊿	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	▱	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

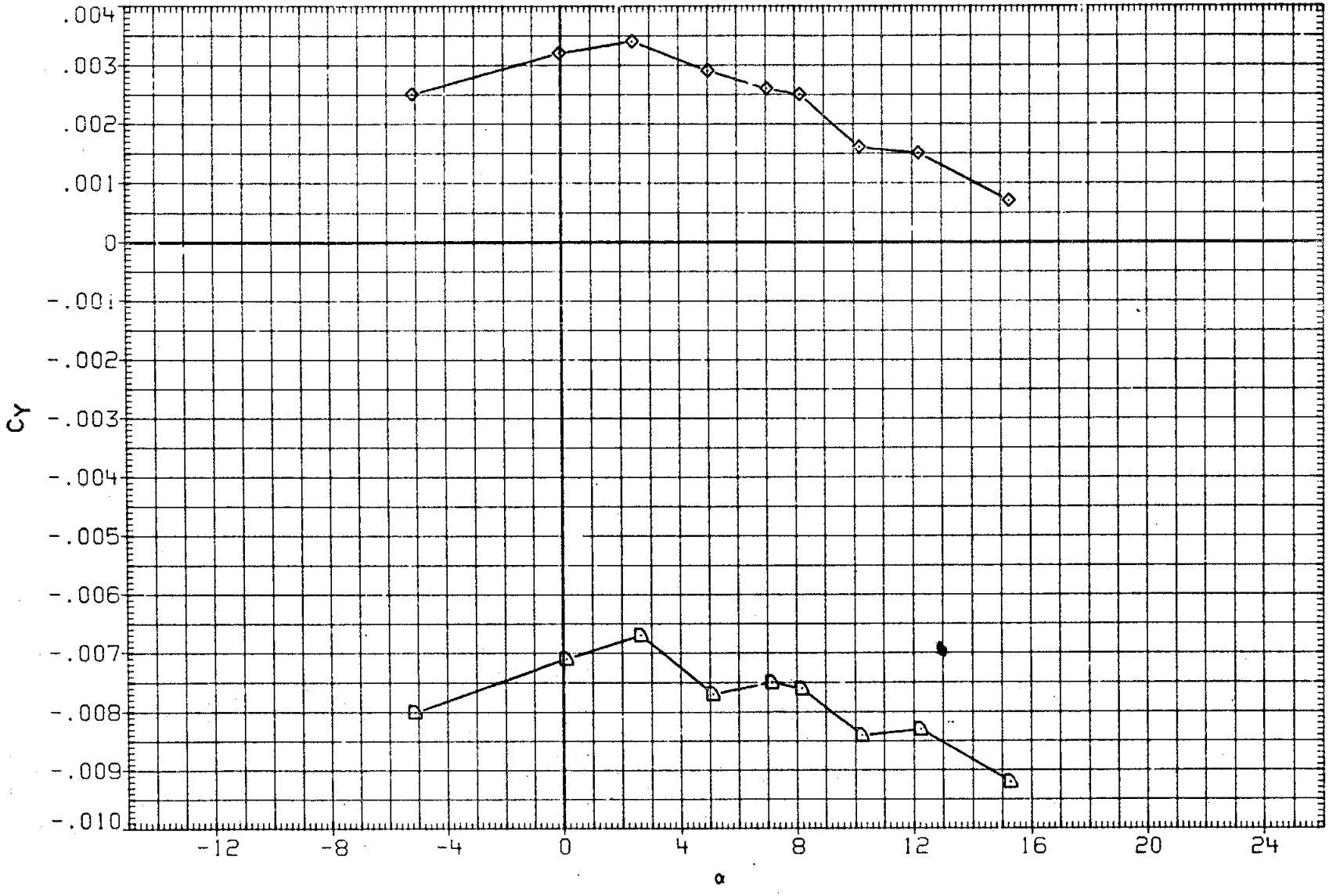


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(K)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.220	.000
RKN032	▷	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	D	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

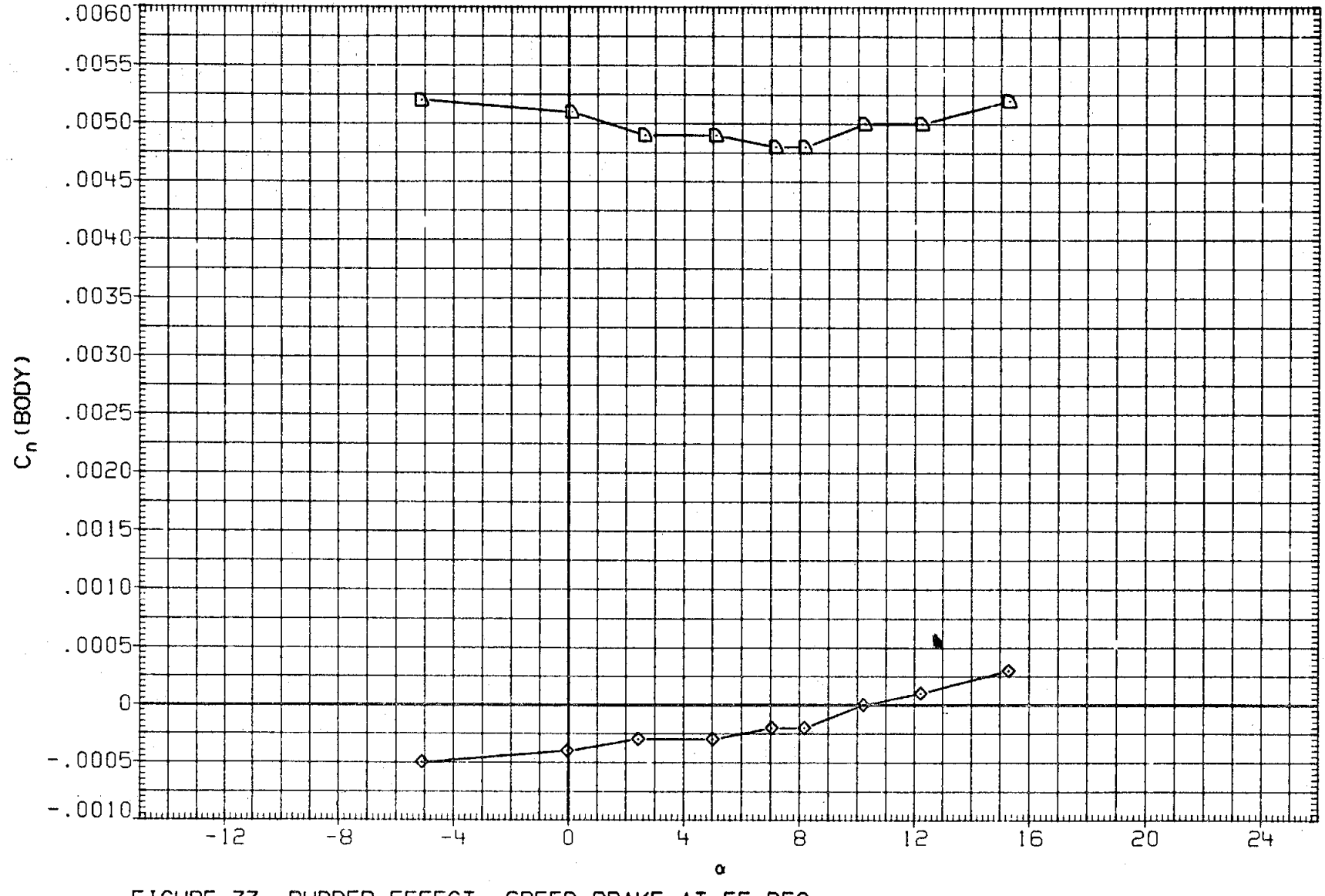


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(K)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0014	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	.060	.000
RKN031	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	.000	.000
R2F098	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	.000	
RK0018	△	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.320	.000
RKN032	◁	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	5.000	.000
R2F0A8	⬠	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000	

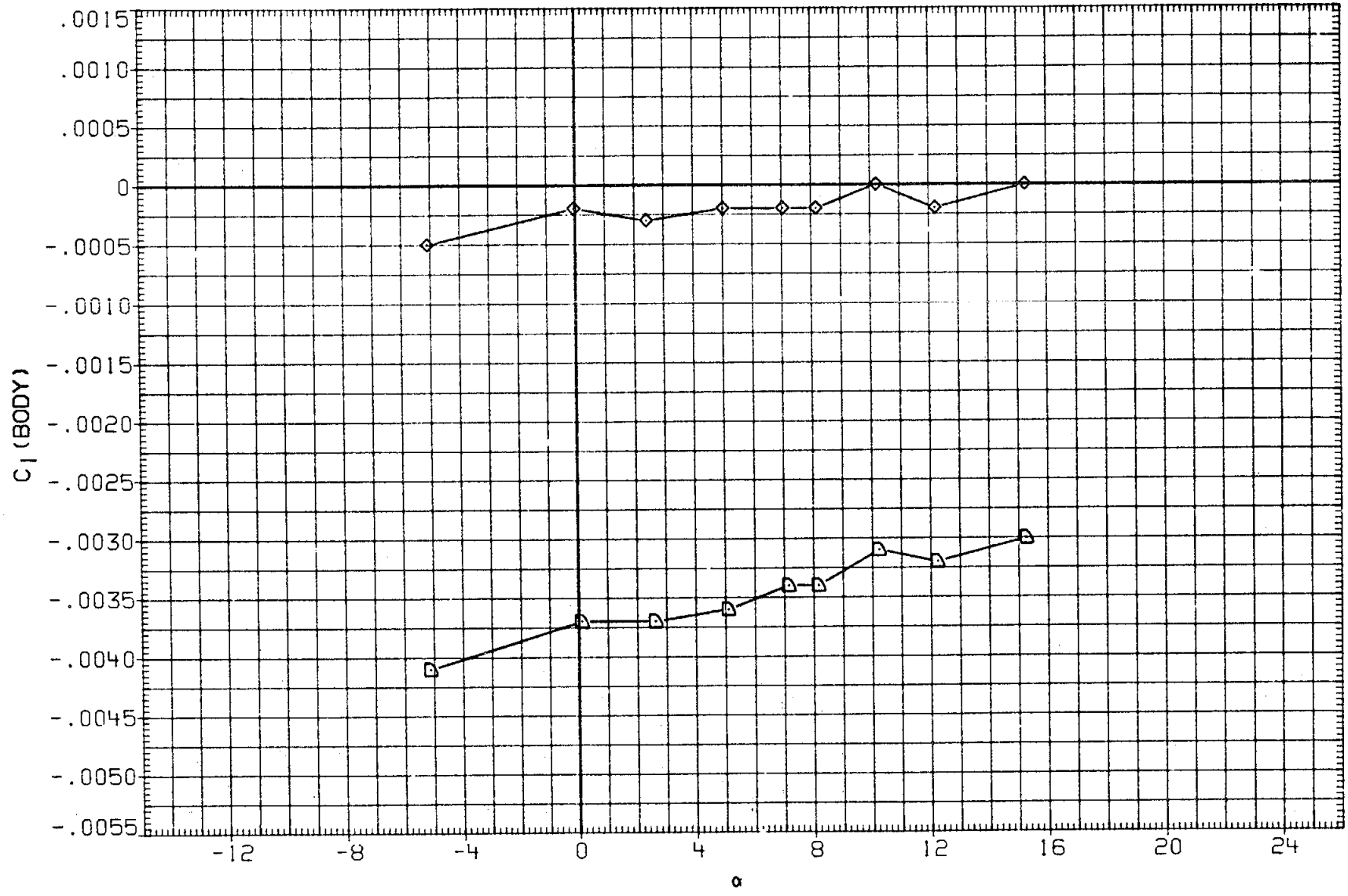


FIGURE 33. RUDDER EFFECT, SPEED BRAKE AT 55 DEG.

(K) MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

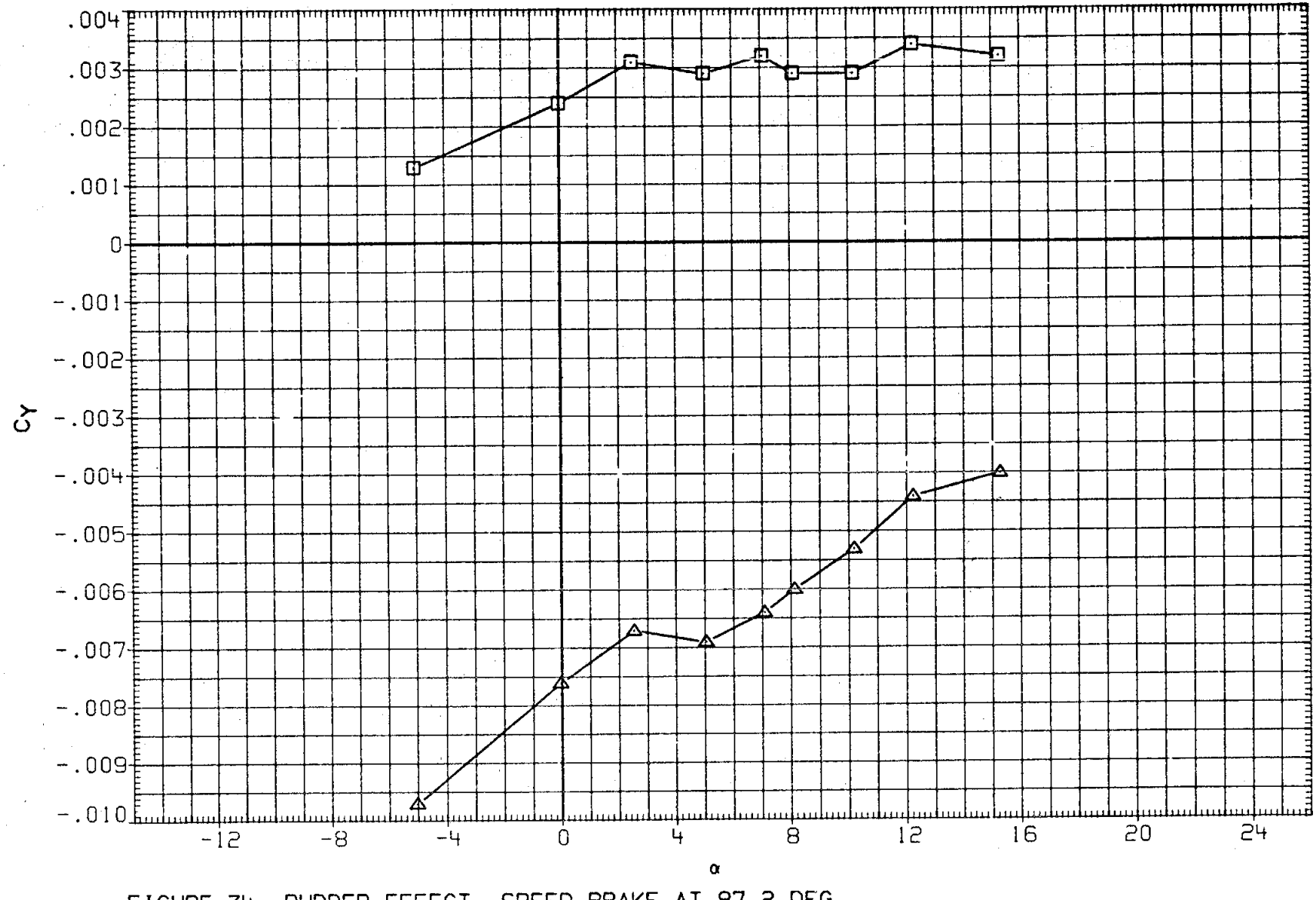


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION
RK0015	○	DATA NOT AVAILABLE
R2F0B5	□	AMES 118-1-11 0A145A 01
RK0019	◇	DATA NOT AVAILABLE
R2F0C5	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	86.810	-.040	.000
.000	.000	.000	.000	87.200	.000	
.000	.000	.000	.000	86.810	5.220	.000
.000	.000	.000	.000	87.200	-5.000	

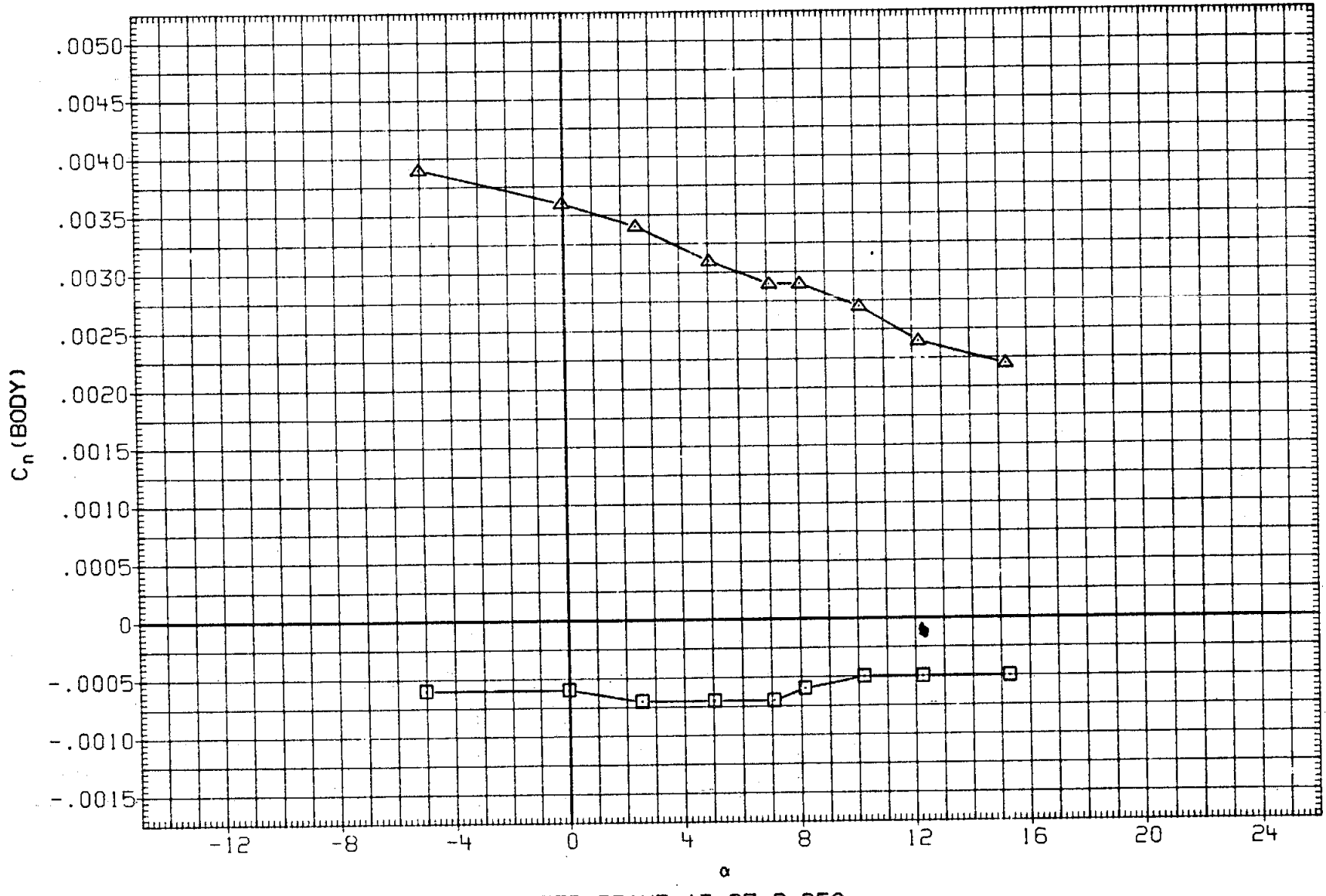


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION
RK0015	○	DATA NOT AVAILABLE
R2F085	□	AMES 118-1-11 0A145A 01
RK0019	◇	DATA NOT AVAILABLE
R2F0C5	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	86.810	-.040	.000
.000	.000	.000	.000	87.200	.000	
.000	.000	.000	.000	86.810	5.220	.000
.000	.000	.000	.000	87.200	-5.000	

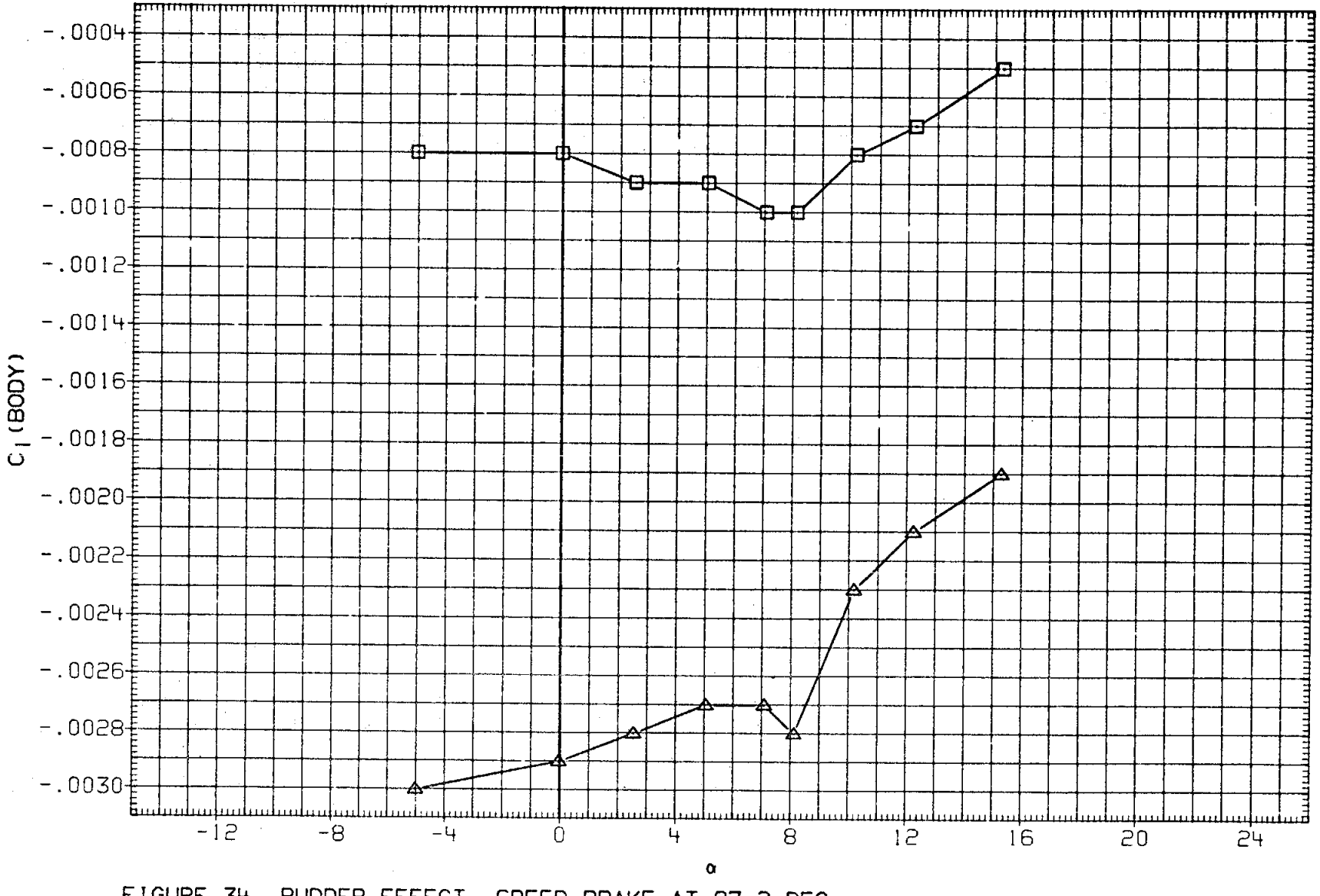


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F0B5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

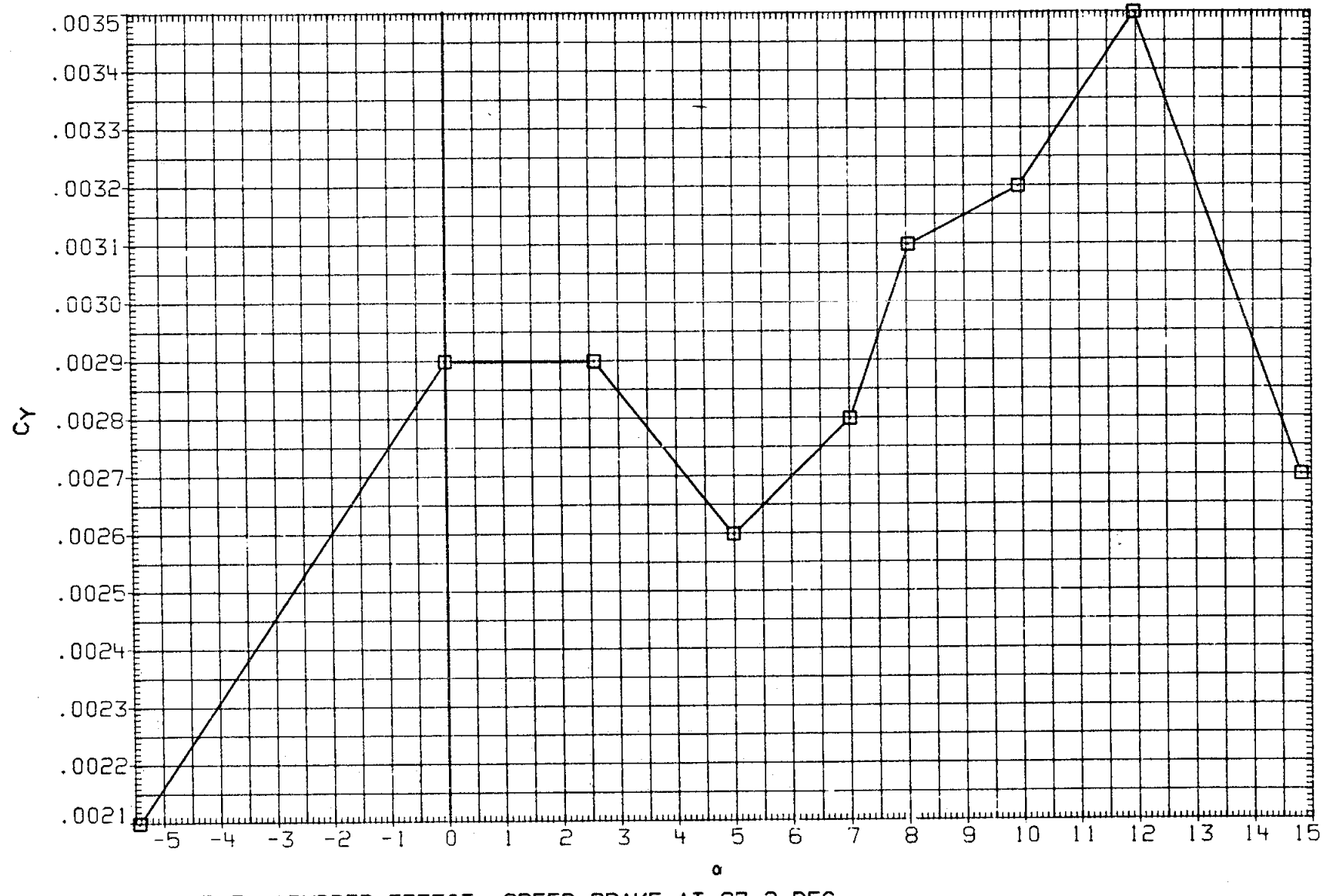


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F0B5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

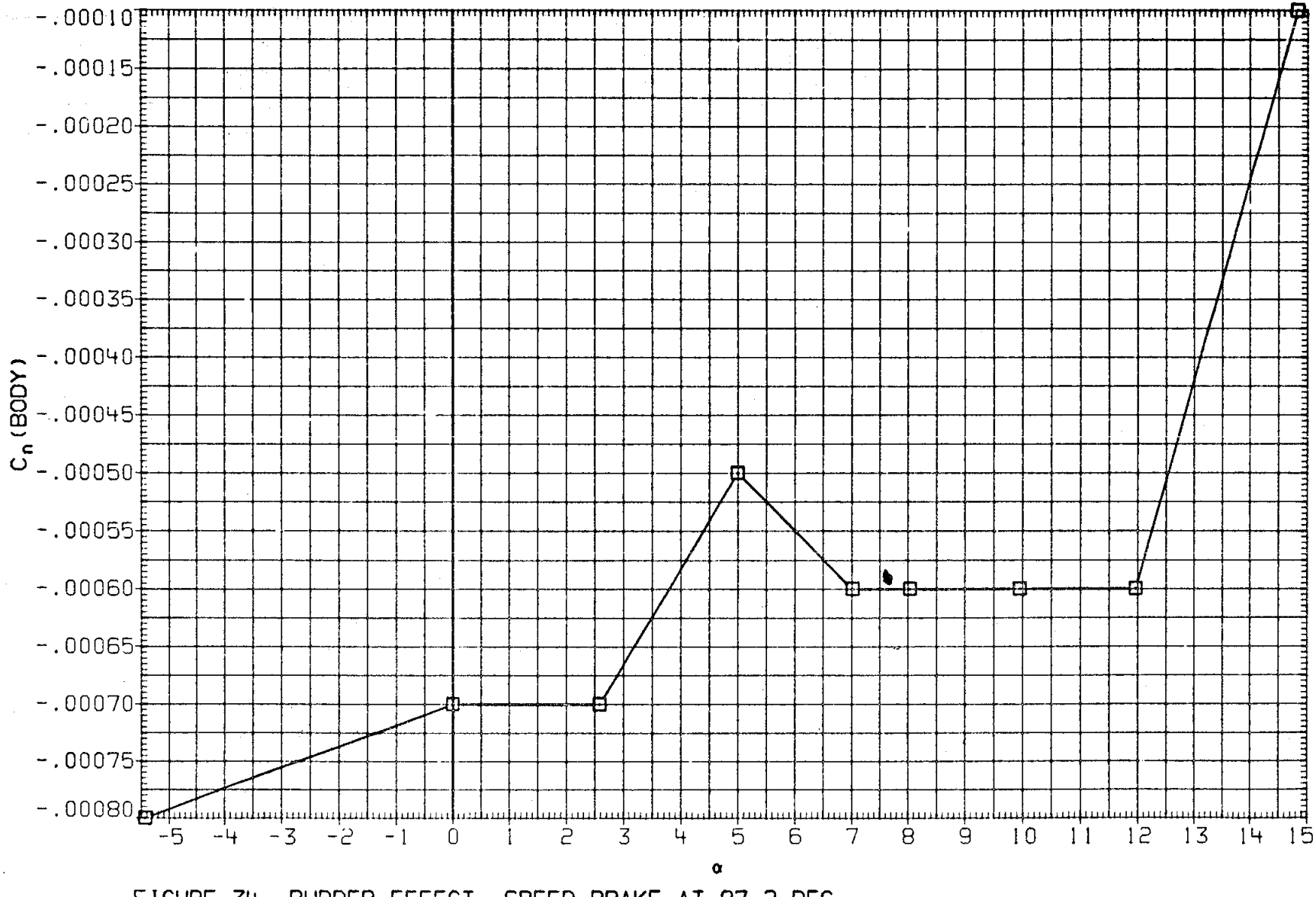


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION
RK0015	○	DATA NOT AVAILABLE
R2F0B5	□	AMES 118-1-11 0A145A 01
RK0019	◇	DATA NOT AVAILABLE
R2F0C5	△	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	86.810	-.040	.000
.000	.000	.000	.000	87.200	.000	
.000	.000	.000	.000	86.810	5.220	.000
.000	.000	.000	.000	87.200	-5.000	

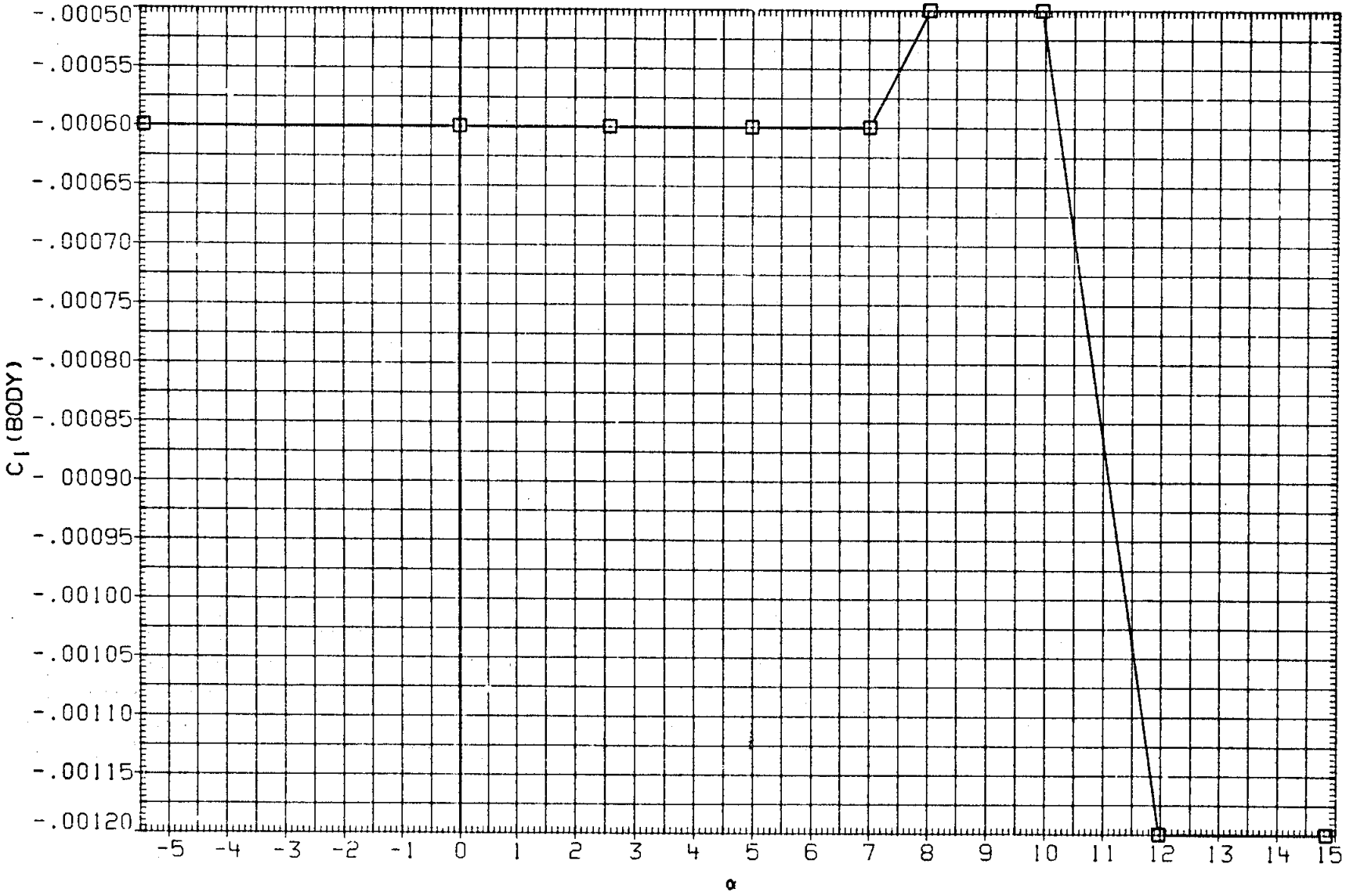


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

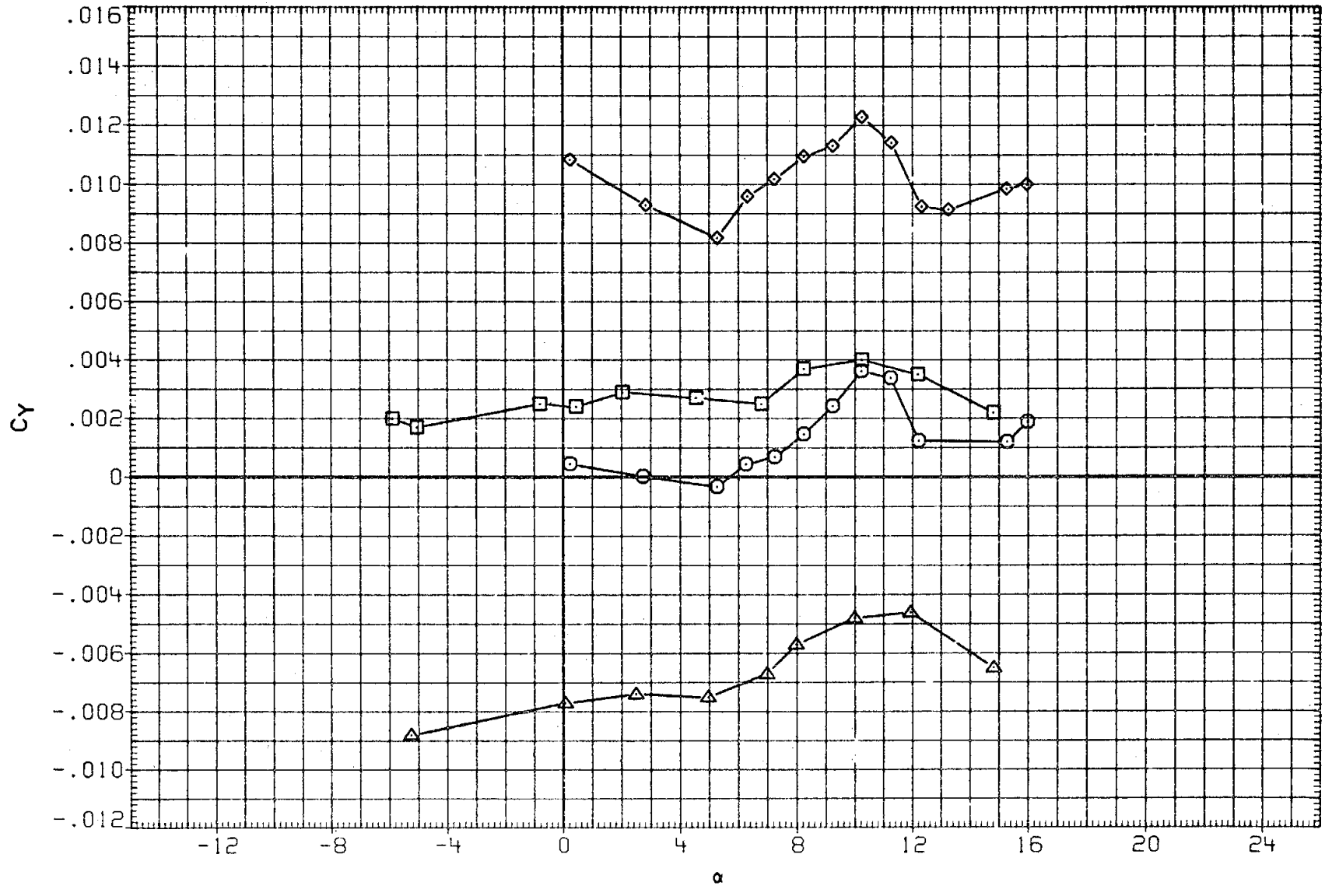


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.00	.000	.000	.000	86.810	-.040	.000
R2F0B5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

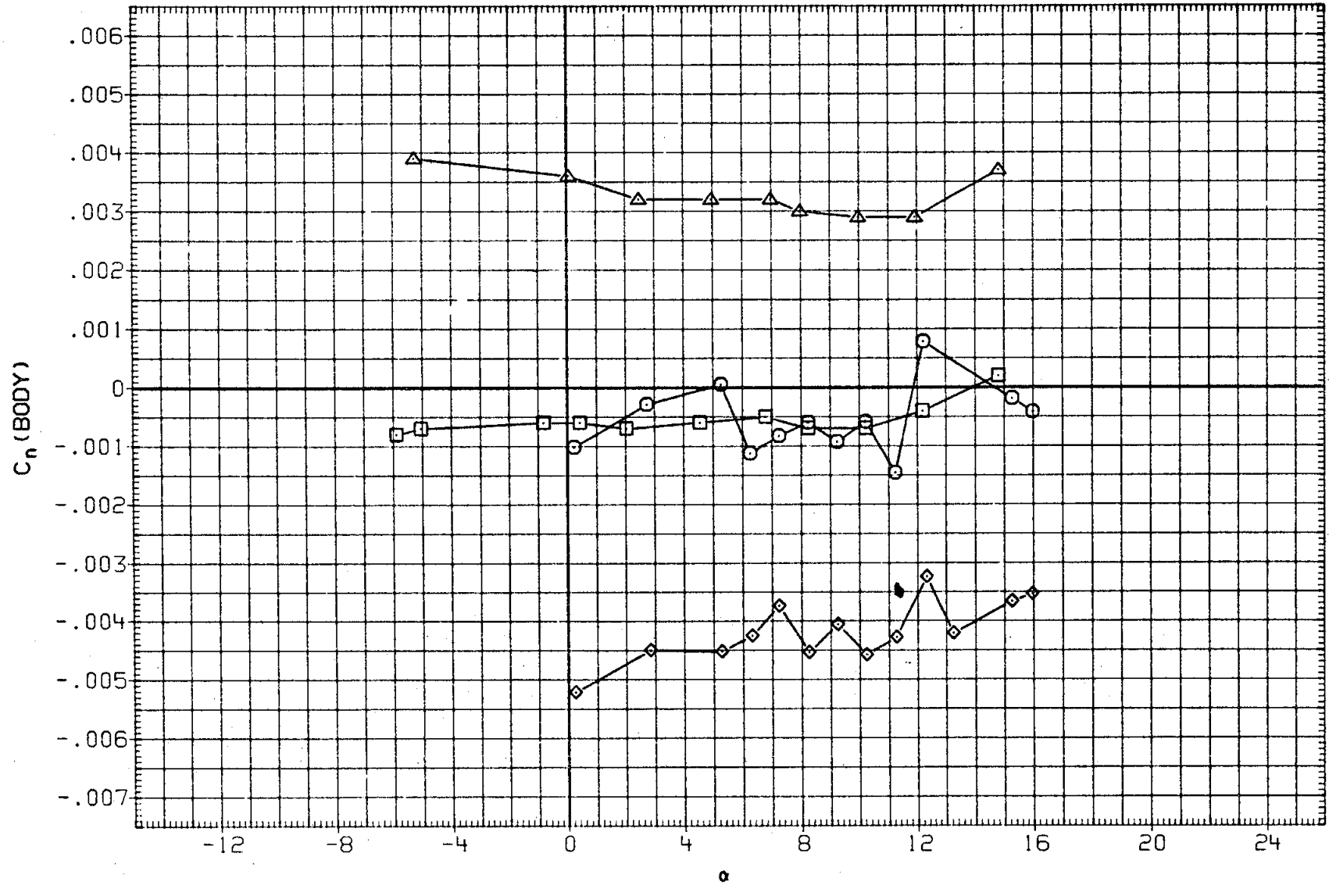


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

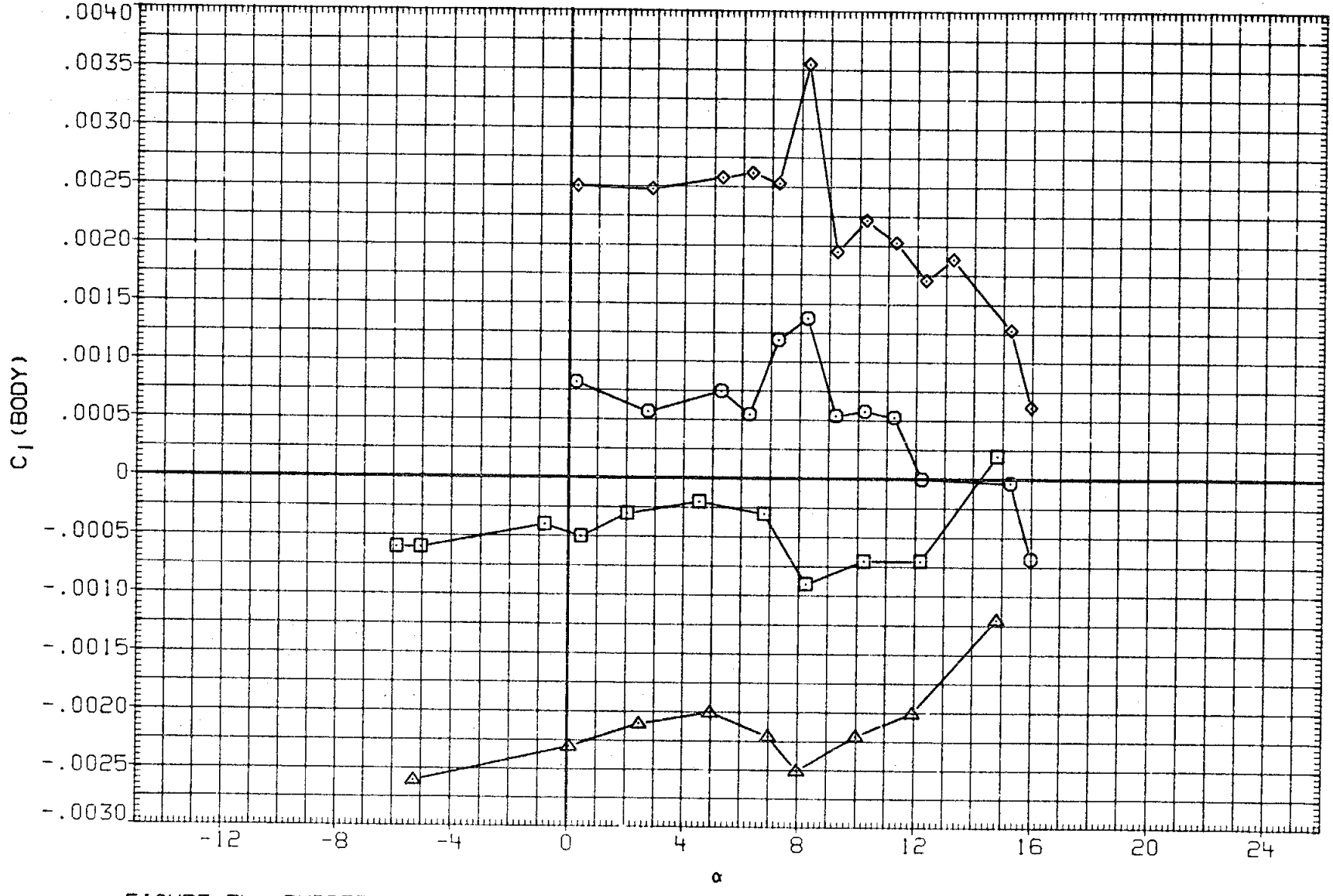


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

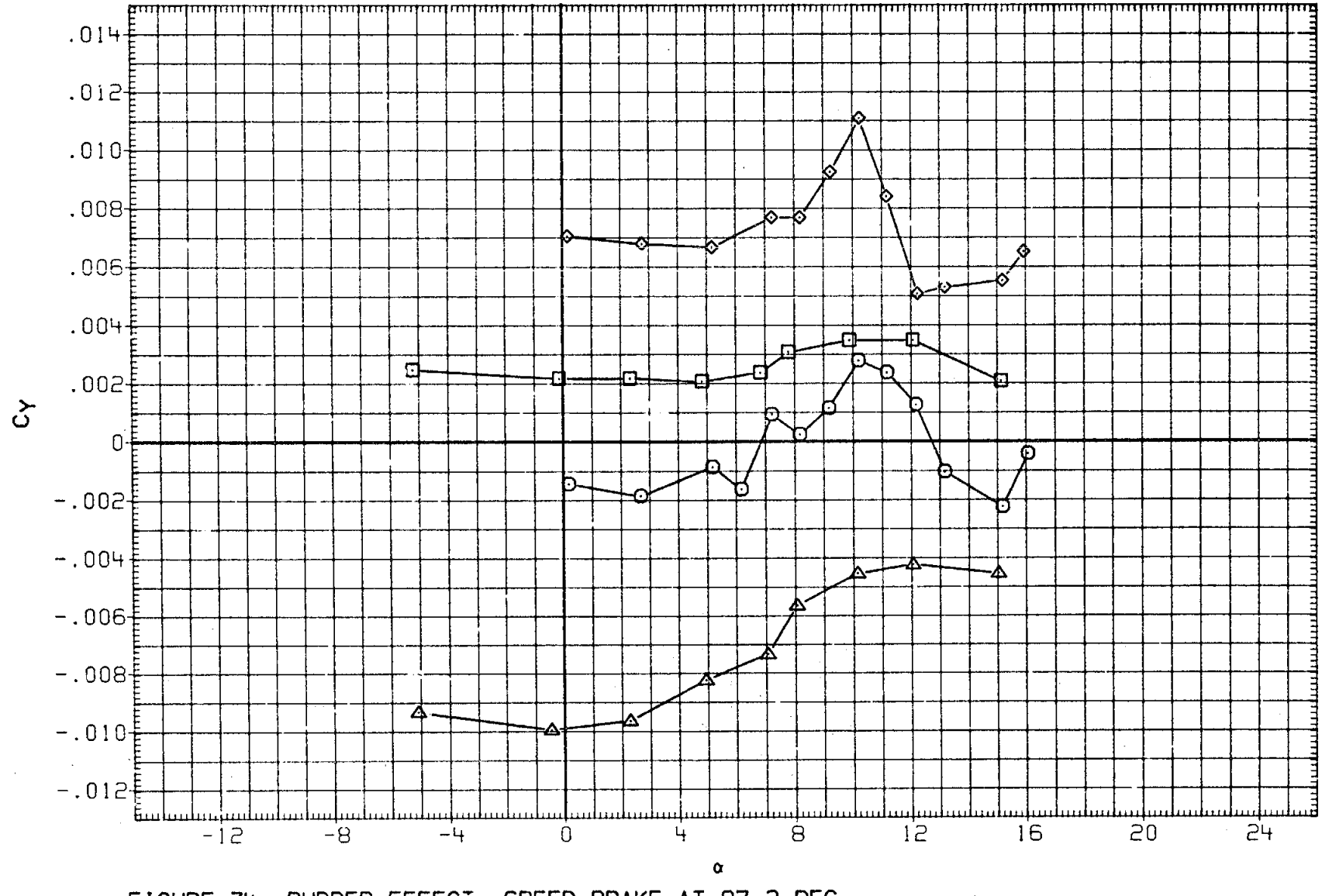


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

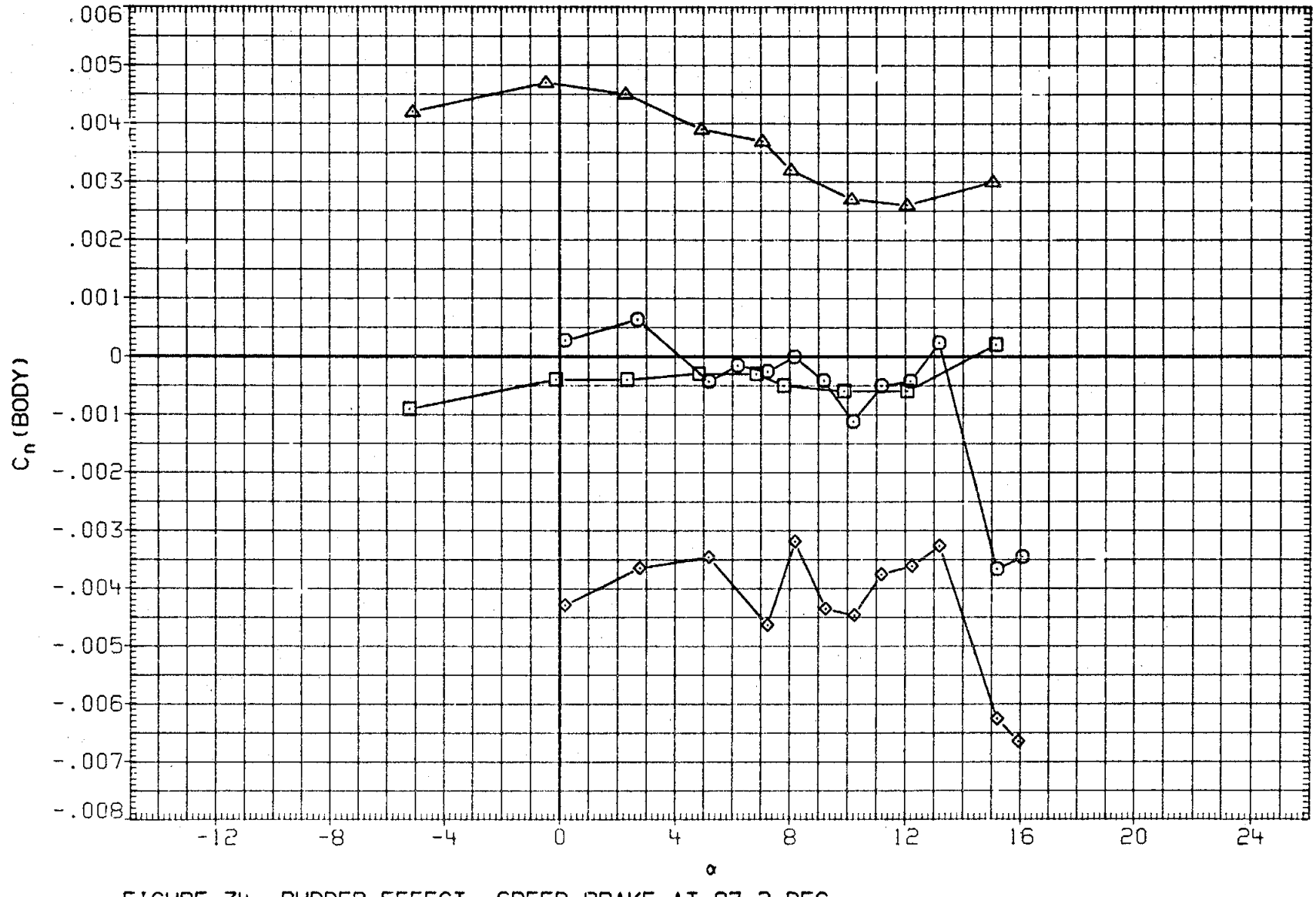


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

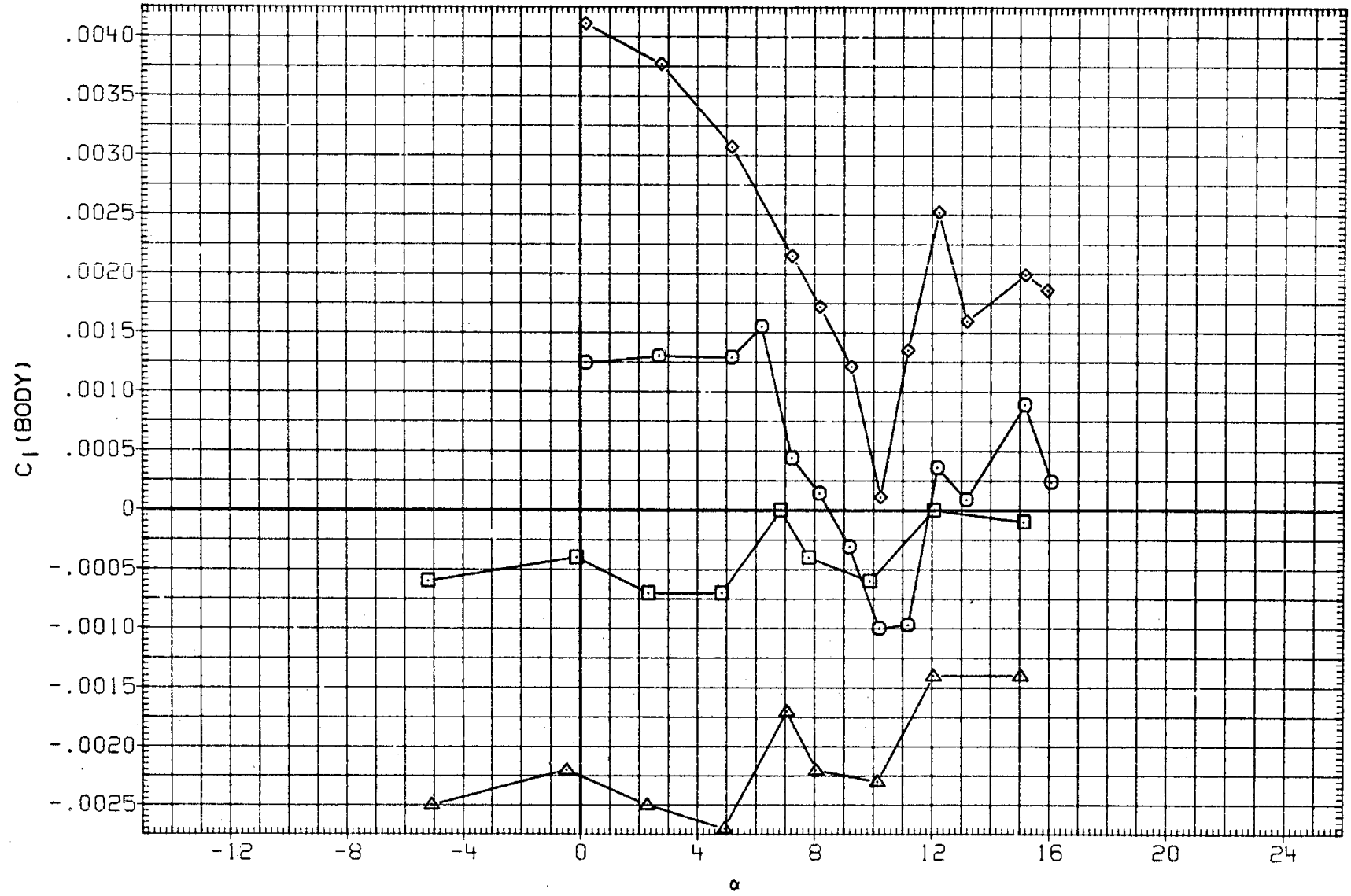


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

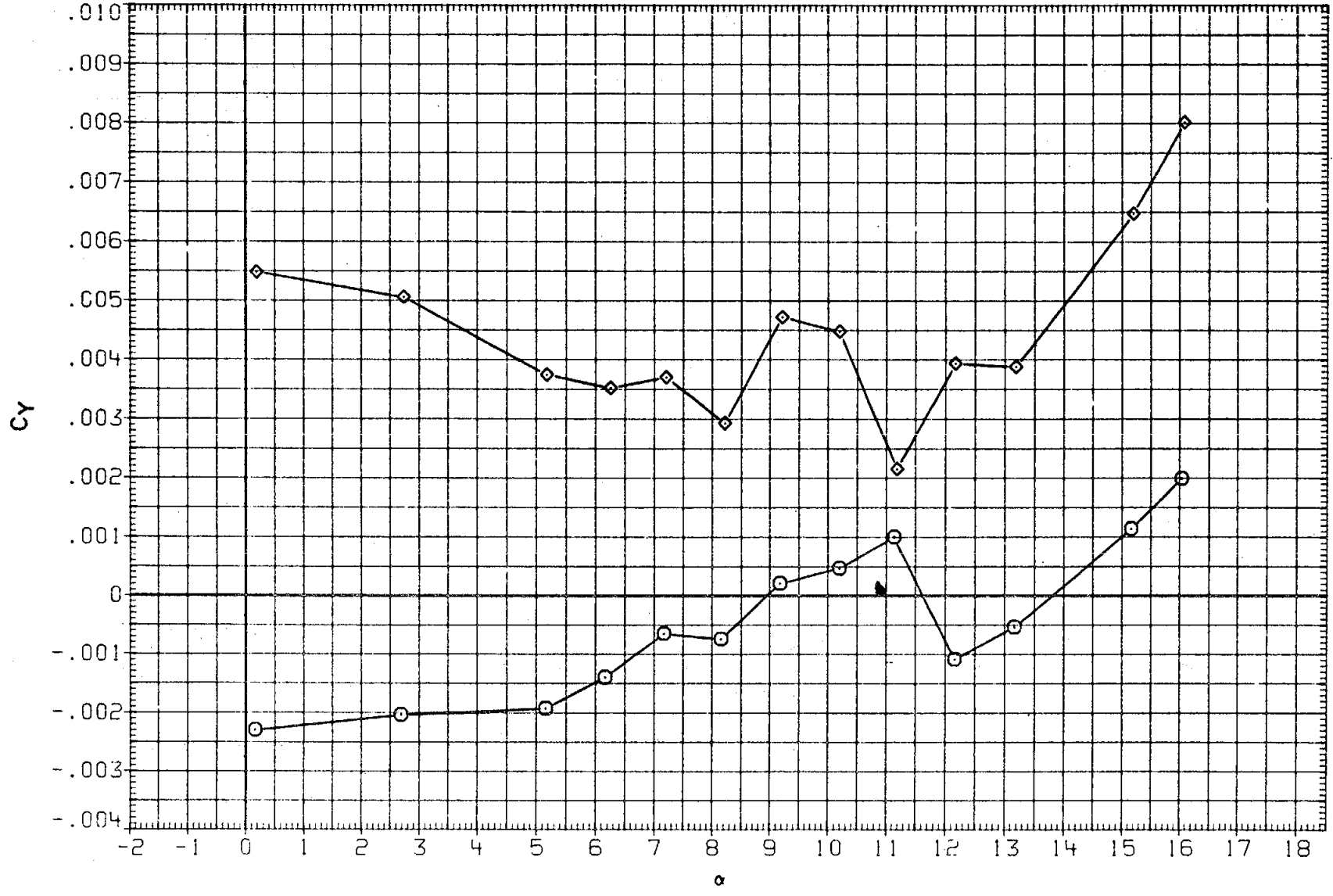


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

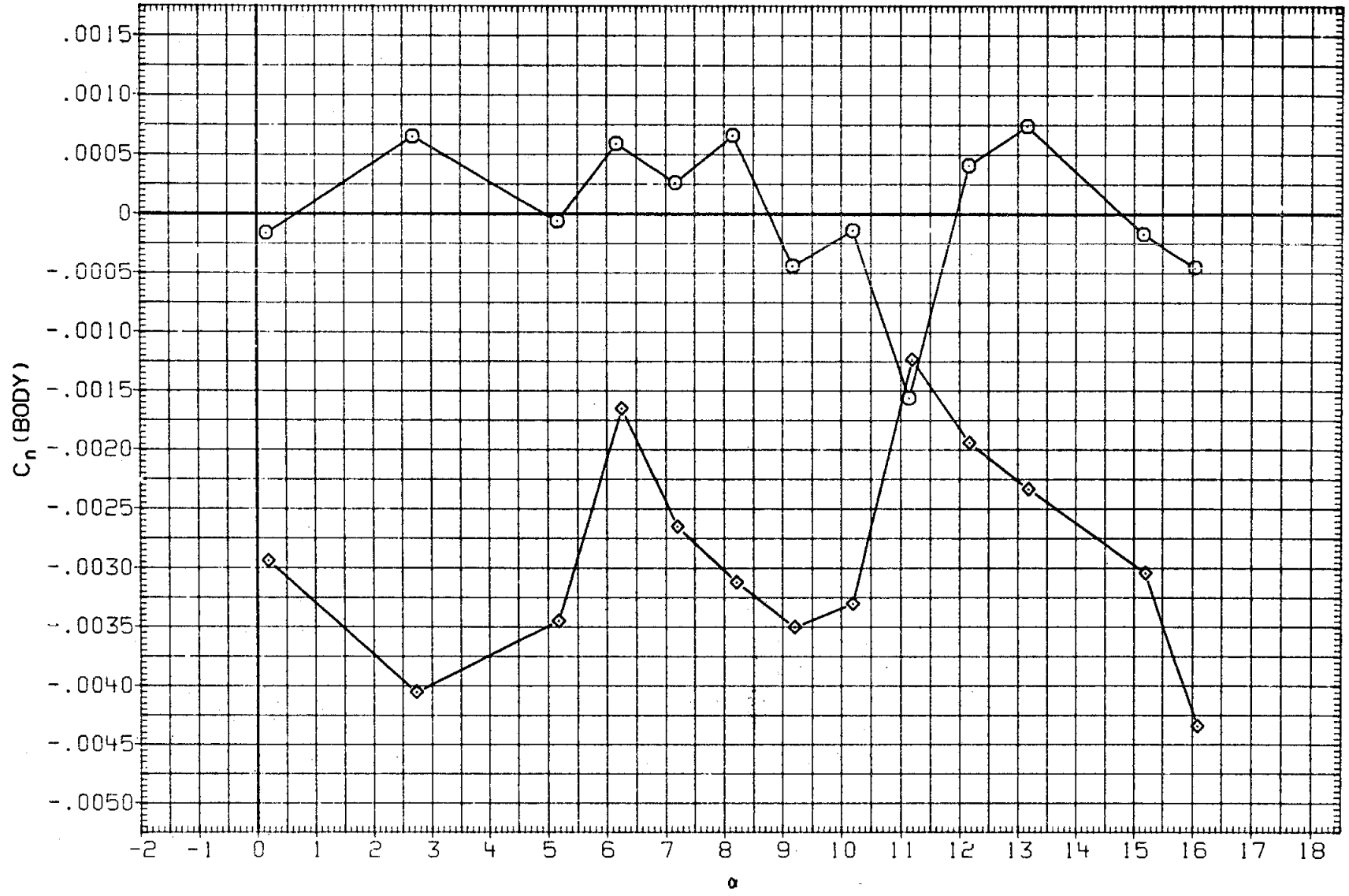


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	-.040	.000
R2F0B5	□	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	.000	
RK0019	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

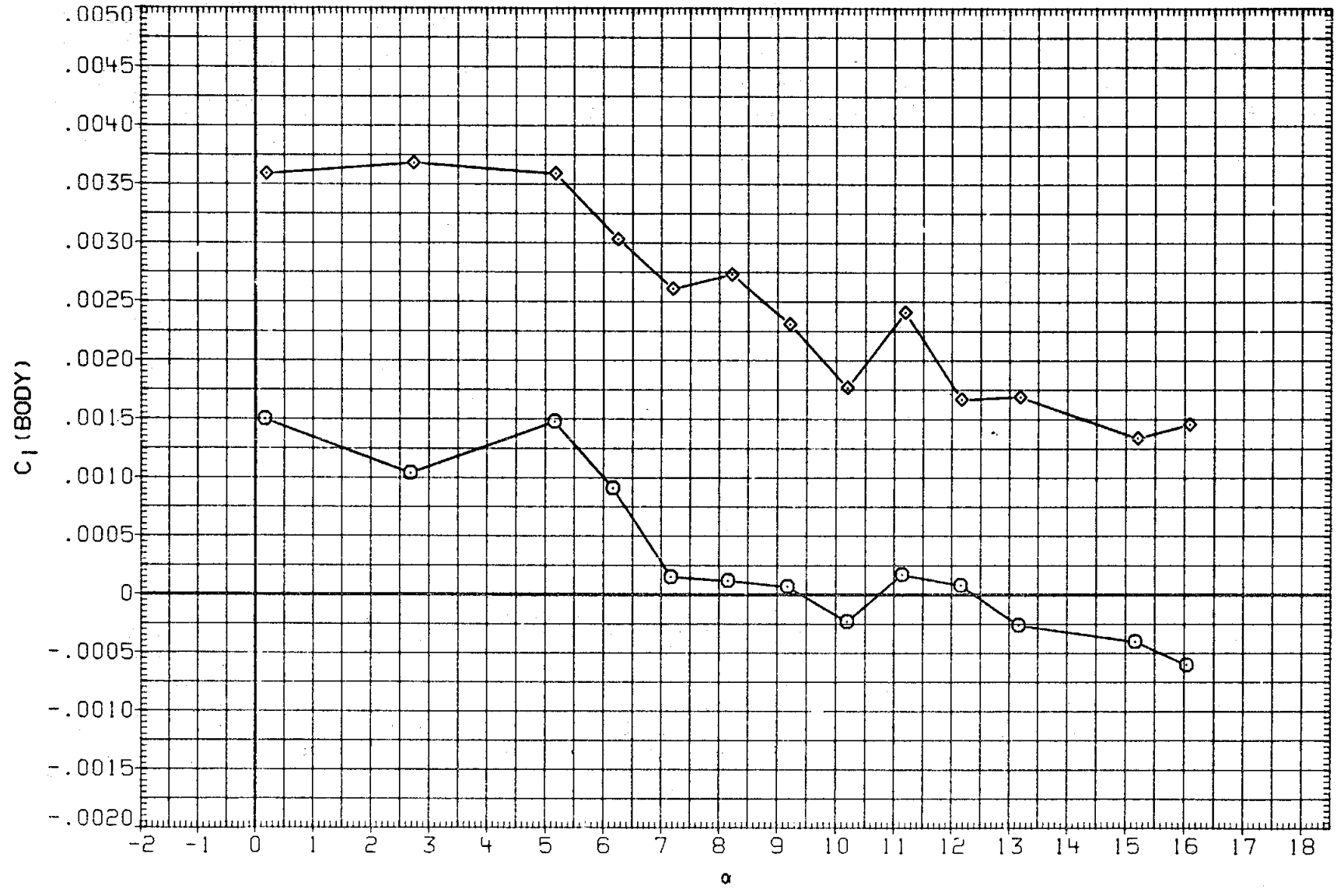


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION
RK0015	○	DATA NOT AVAILABLE
R2F085	□	AMES 118-1-11 0A145A 01
RK0019	◇	DATA NOT AVAILABLE
R2F0C5	△	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	86.810	-.040	.000
.000	.000	.000	.000	87.200	.000	
.000	.000	.000	.000	86.810	5.220	.000
.000	.000	.000	.000	87.200	-5.000	

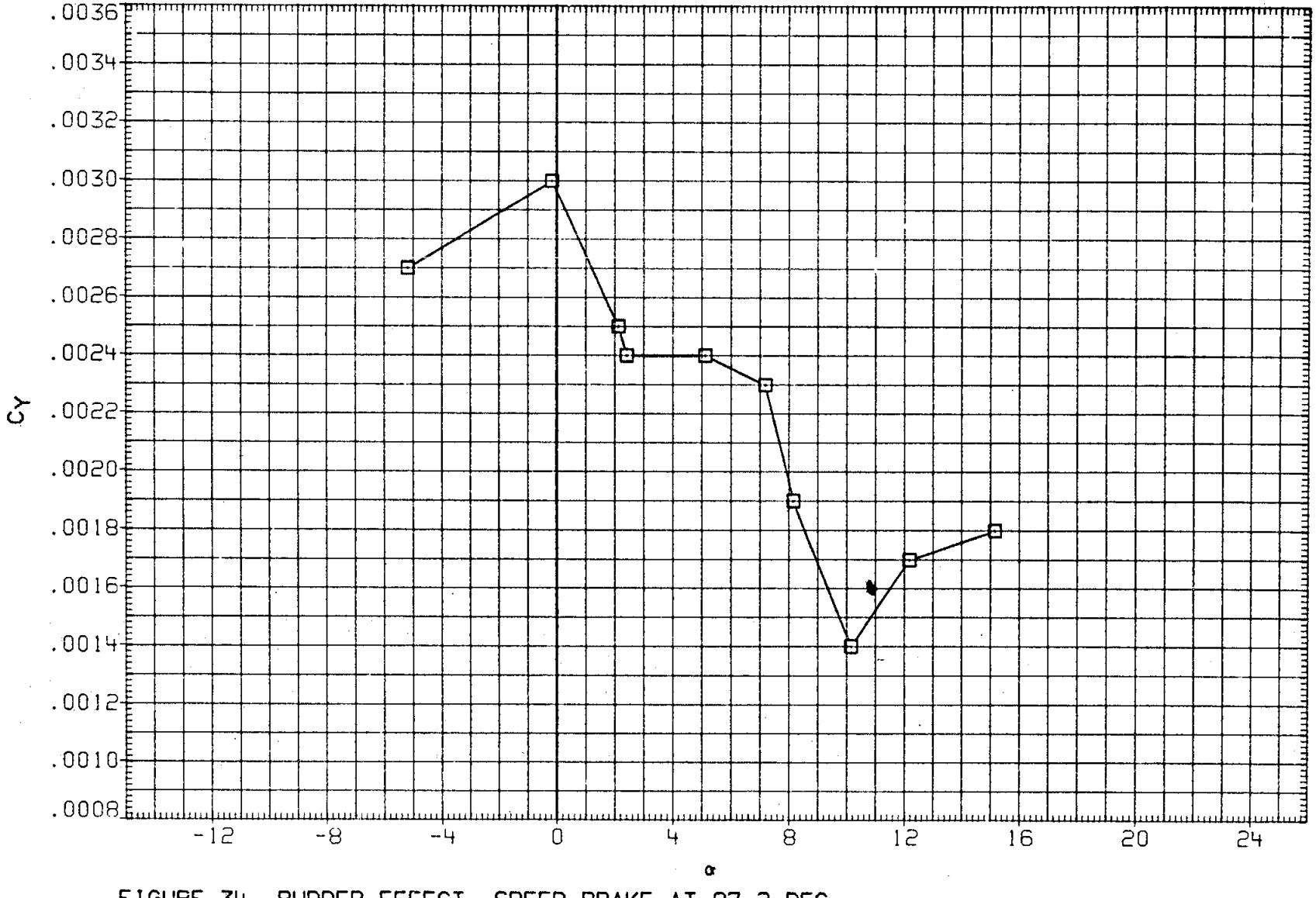


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

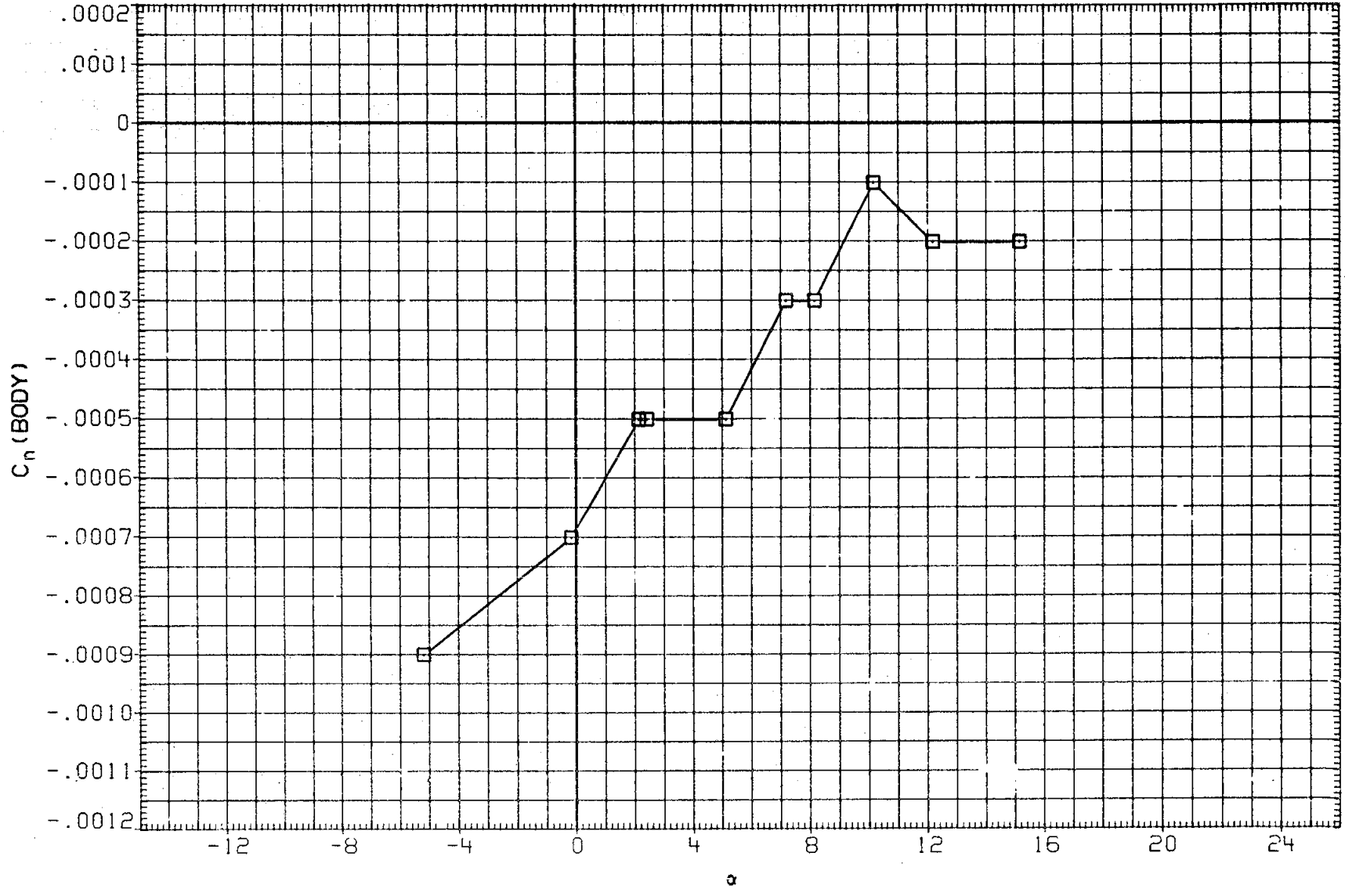


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F0B5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000	

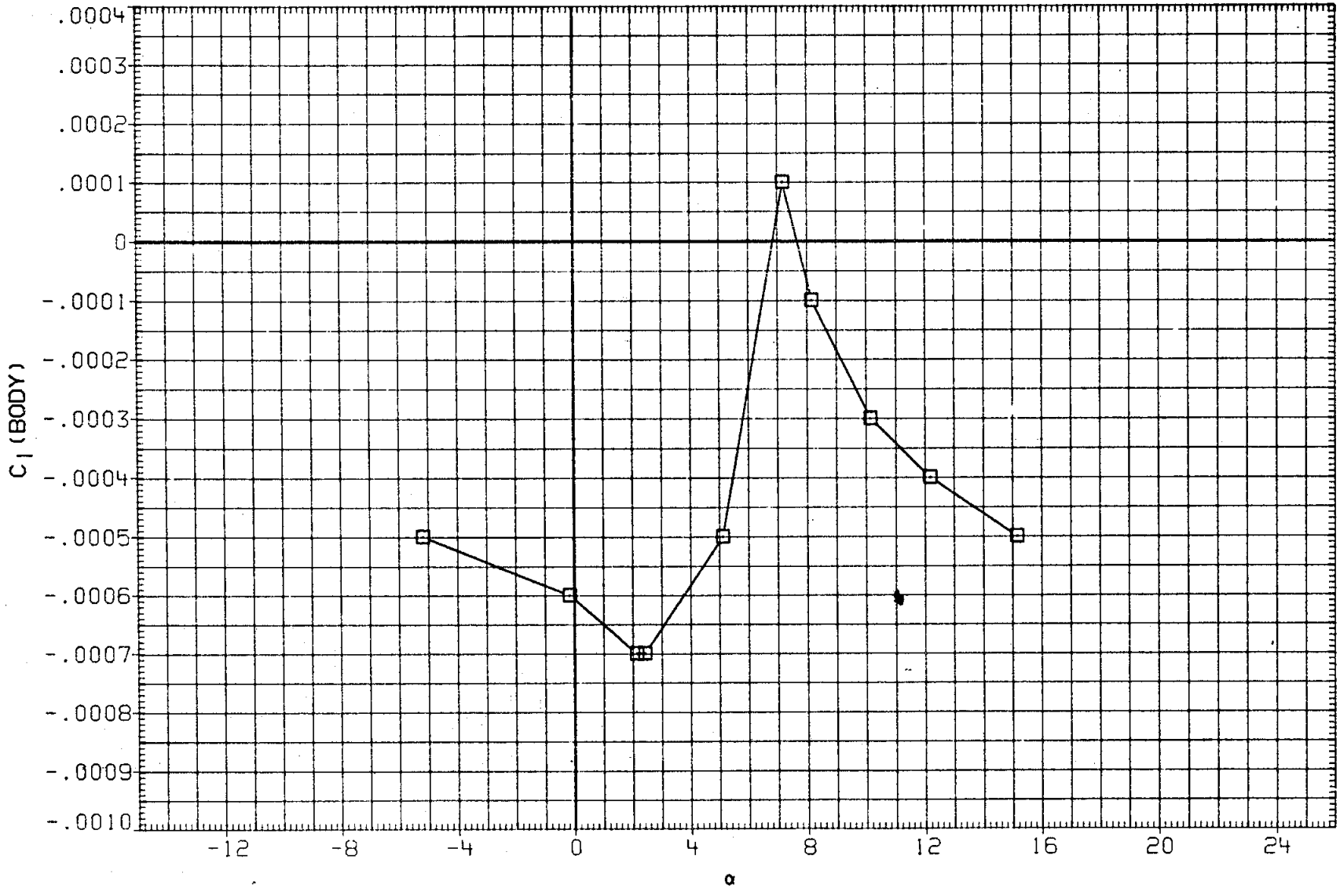


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

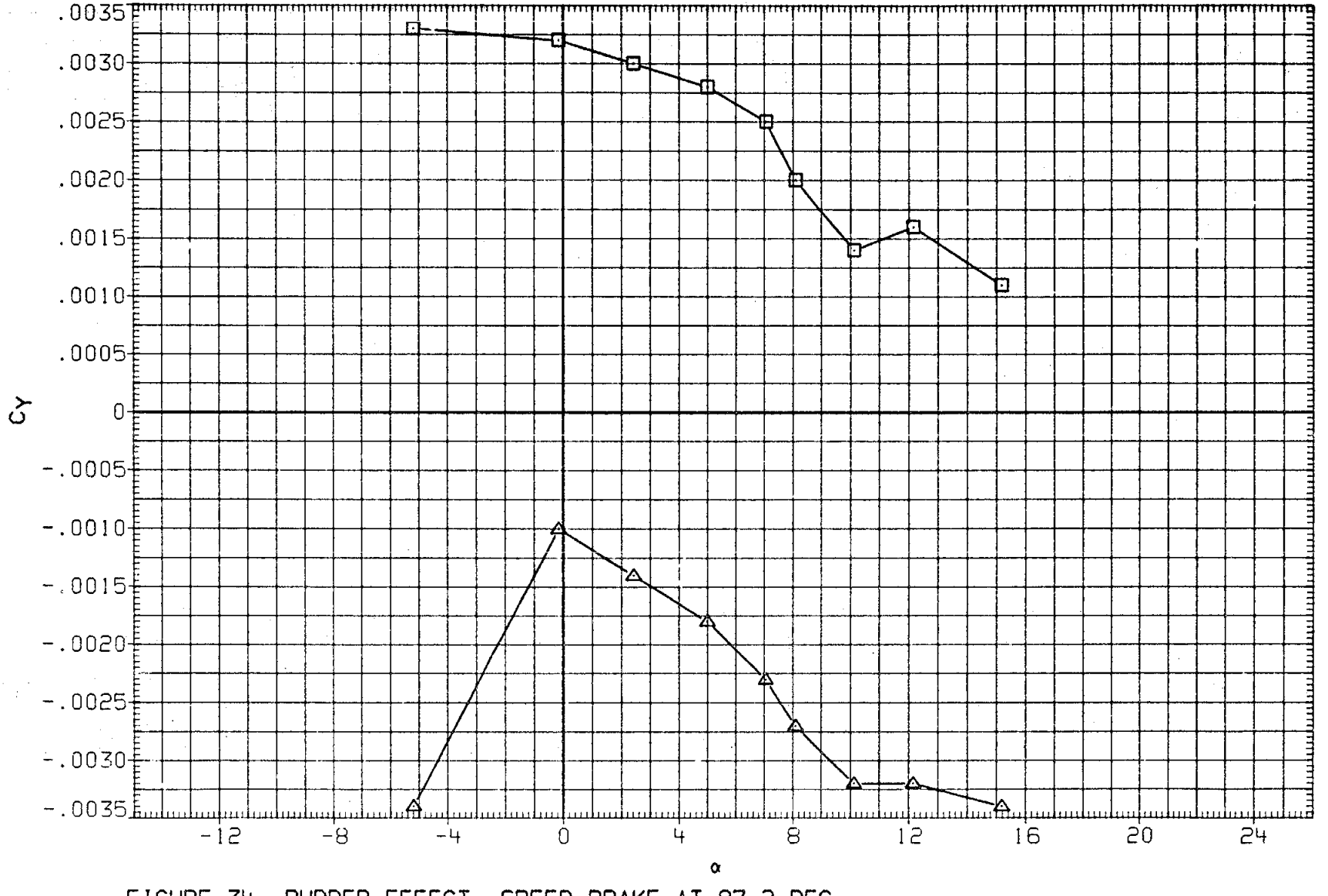


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

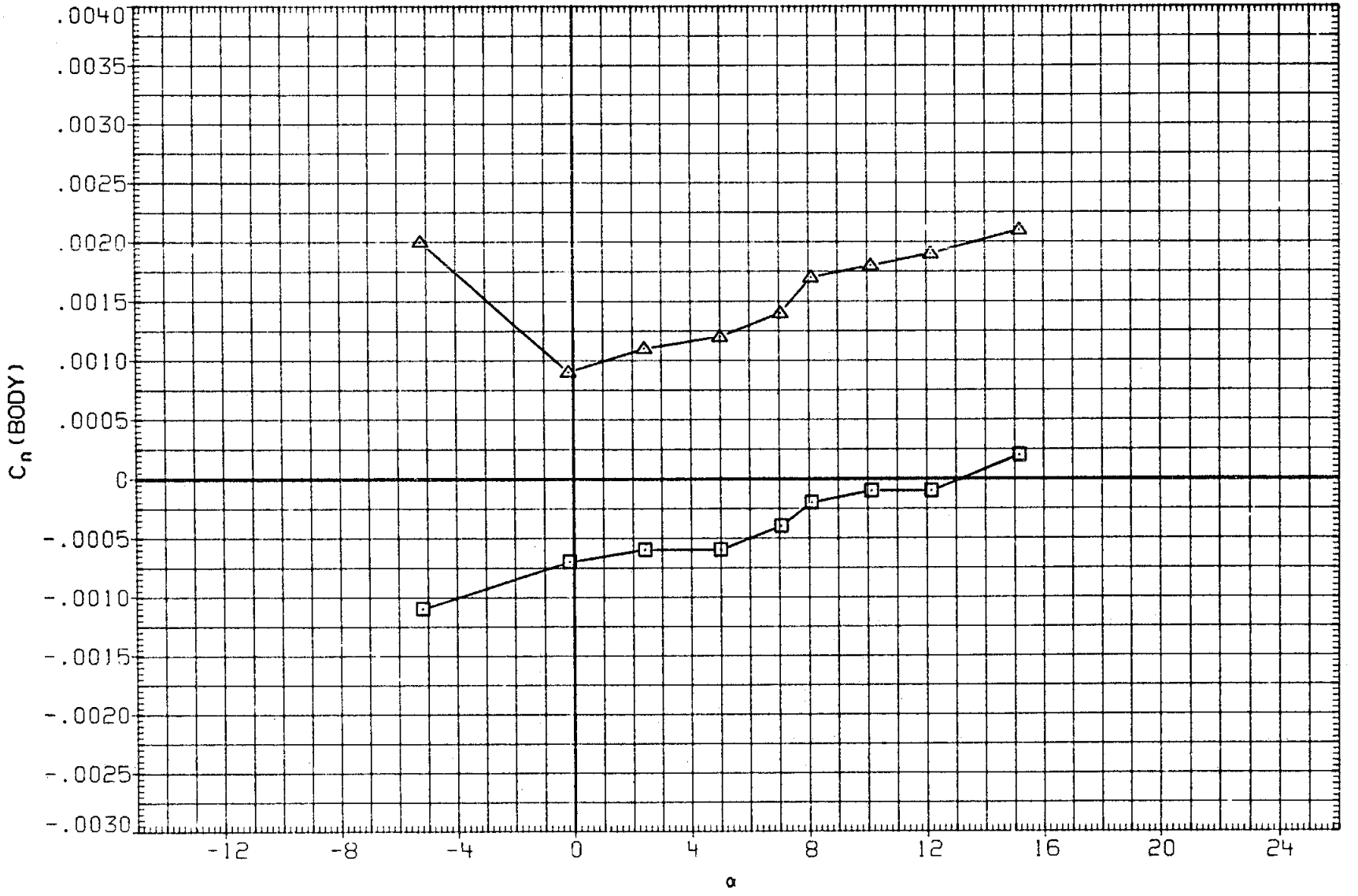


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

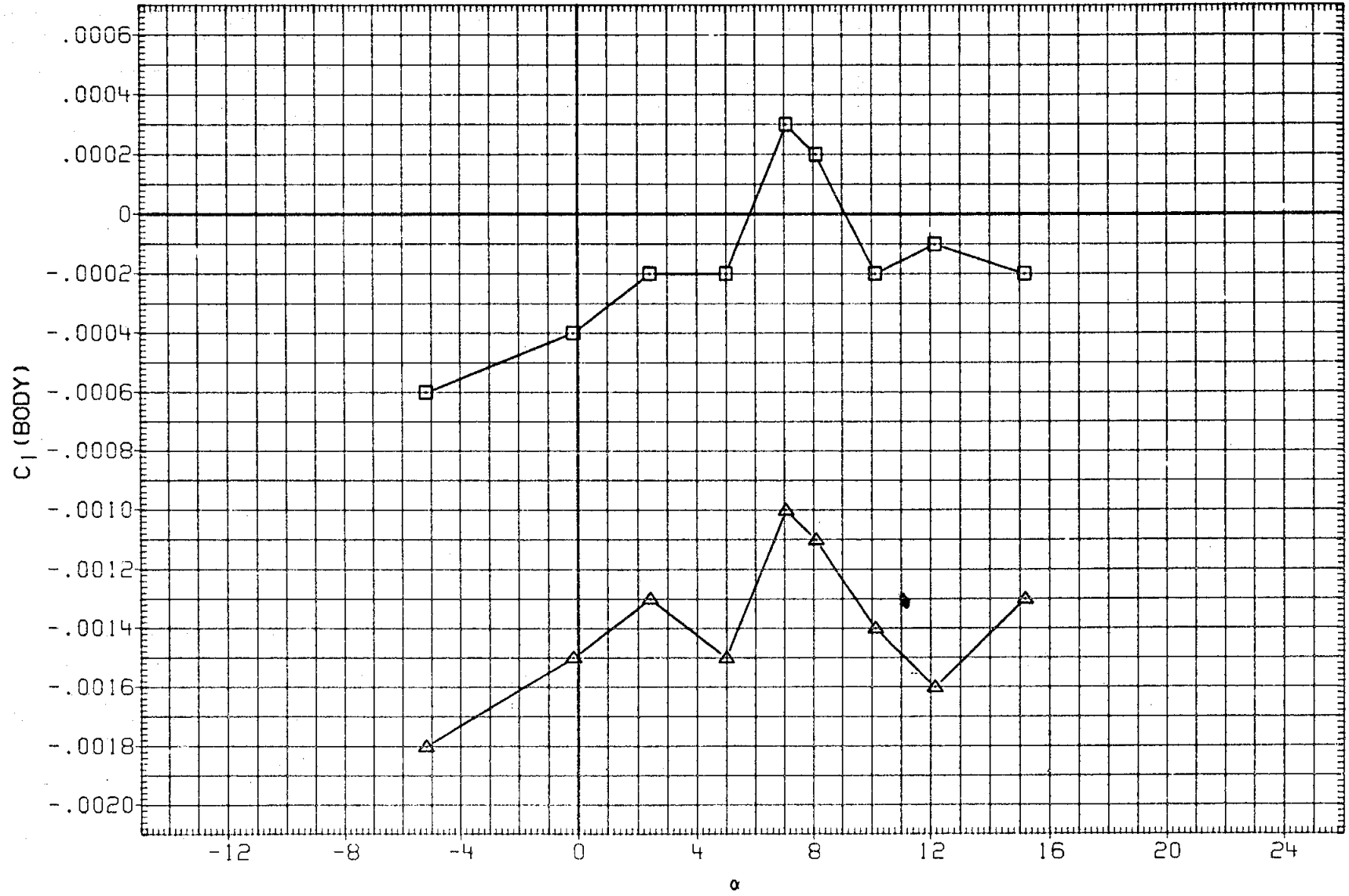


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION
RK0015	○	DATA NOT AVAILABLE
R2F0B5	□	AMES 118-1-11 0A145A 01
RK0019	◇	DATA NOT AVAILABLE
R2F0C5	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	86.810	-.040	.000
.000	.000	.000	.000	87.200	.000	
.000	.000	.000	.000	86.810	5.220	.000
.000	.000	.000	.000	87.200	-5.000	

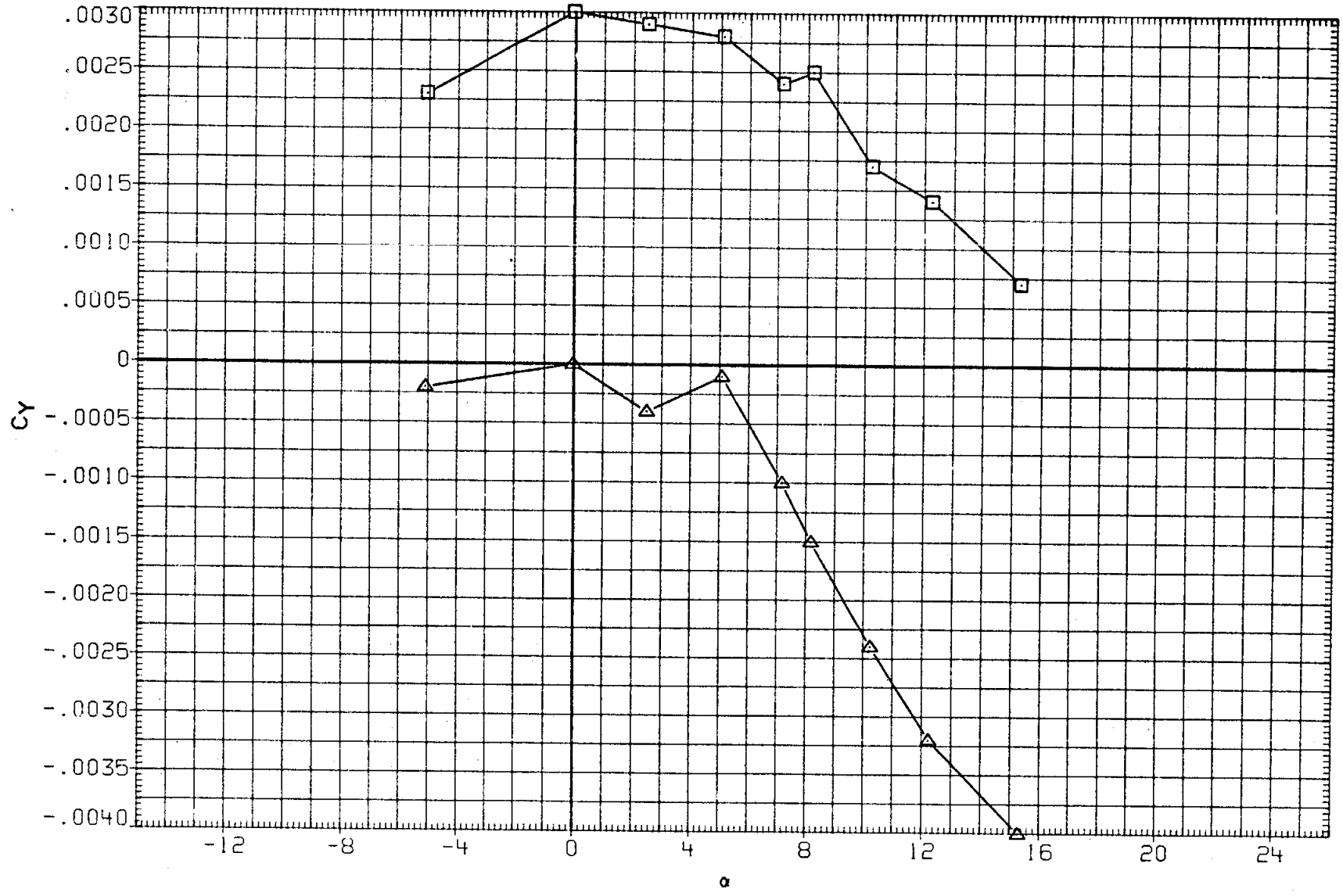


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(H)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION
RK0015	○	DATA NOT AVAILABLE
R2F0B5	□	AMES 118-1-11 0A145A 01
RK0019	◇	DATA NOT AVAILABLE
R2F0C5	△	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
.000	.000	.000	.000	86.810	-.040	.000
.000	.000	.000	.000	87.200	.000	
.000	.000	.000	.000	86.810	5.220	.000
.000	.000	.000	.000	87.200	-5.000	

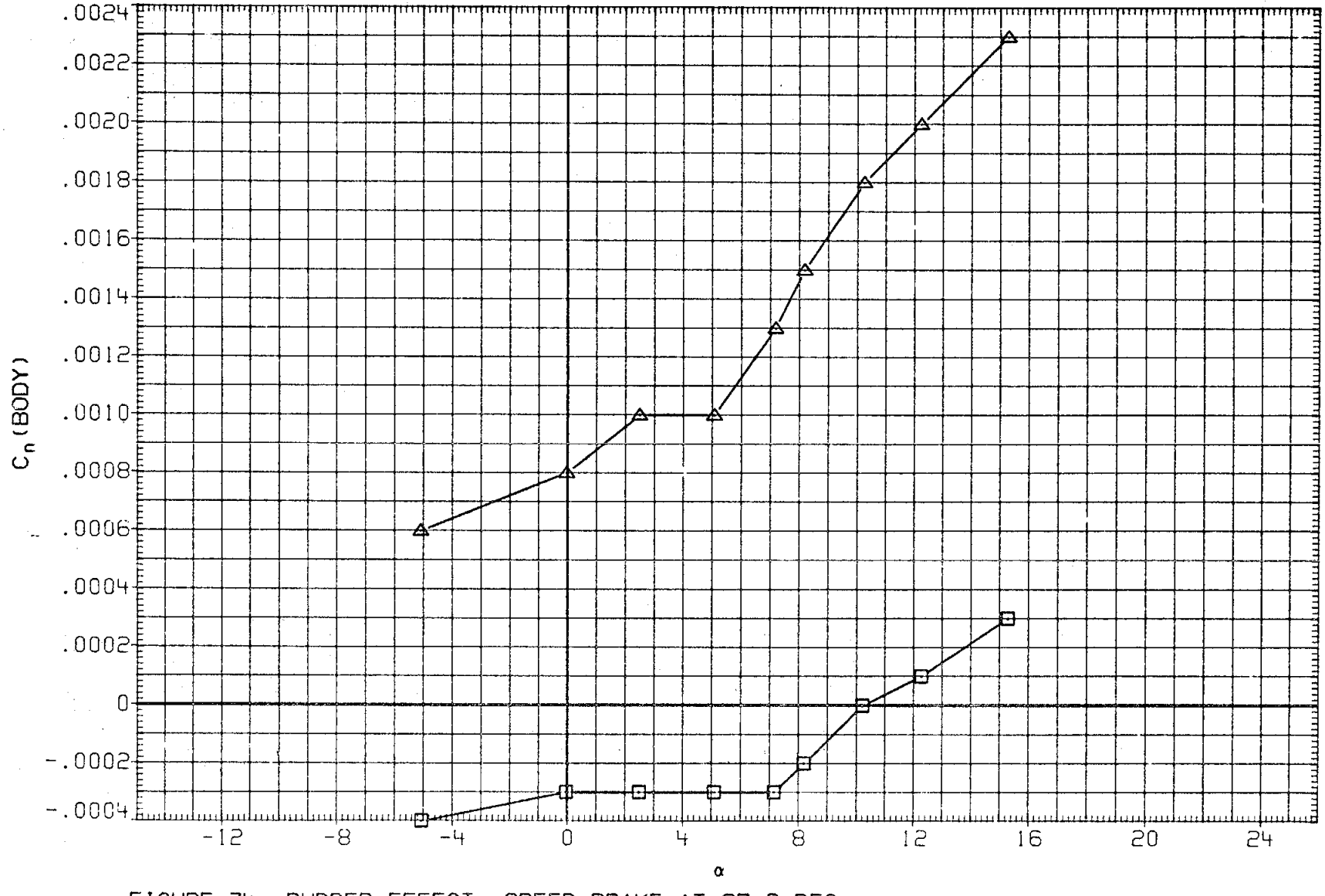


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(H) MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
RK0015	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	-.040	.000
R2F085	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	.000	
RK0019	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.220	.000
R2F0C5	△	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000	

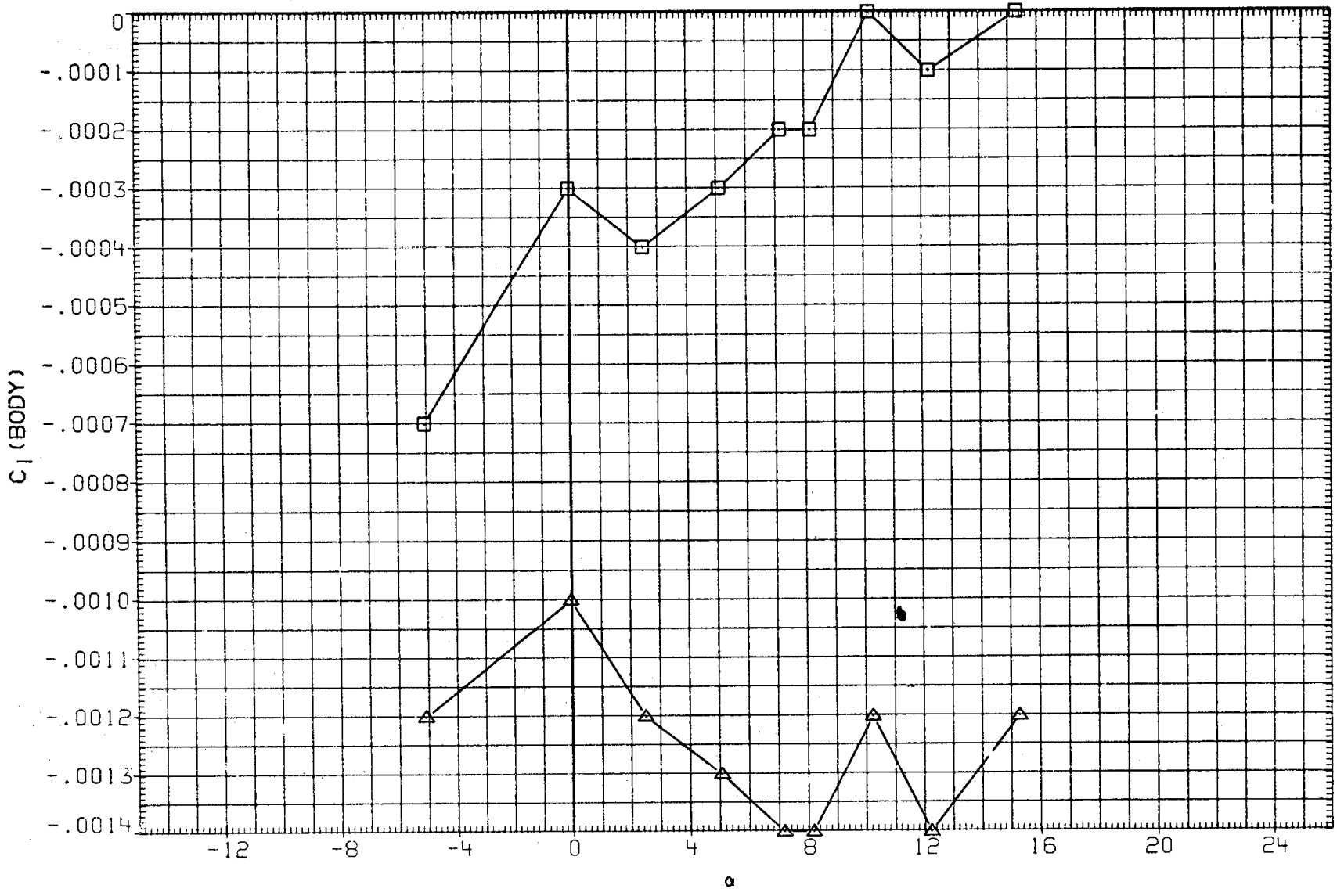


FIGURE 34. RUDDER EFFECT, SPEED BRAKE AT 87.2 DEG.

(H)MACH = 1.40

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
IK0028	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	25.500	-.030	270.000
IK0025	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	90.000
IK0026	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB. STING SHRD	.000	.000	.000	.000	25.500	-.030	90.000

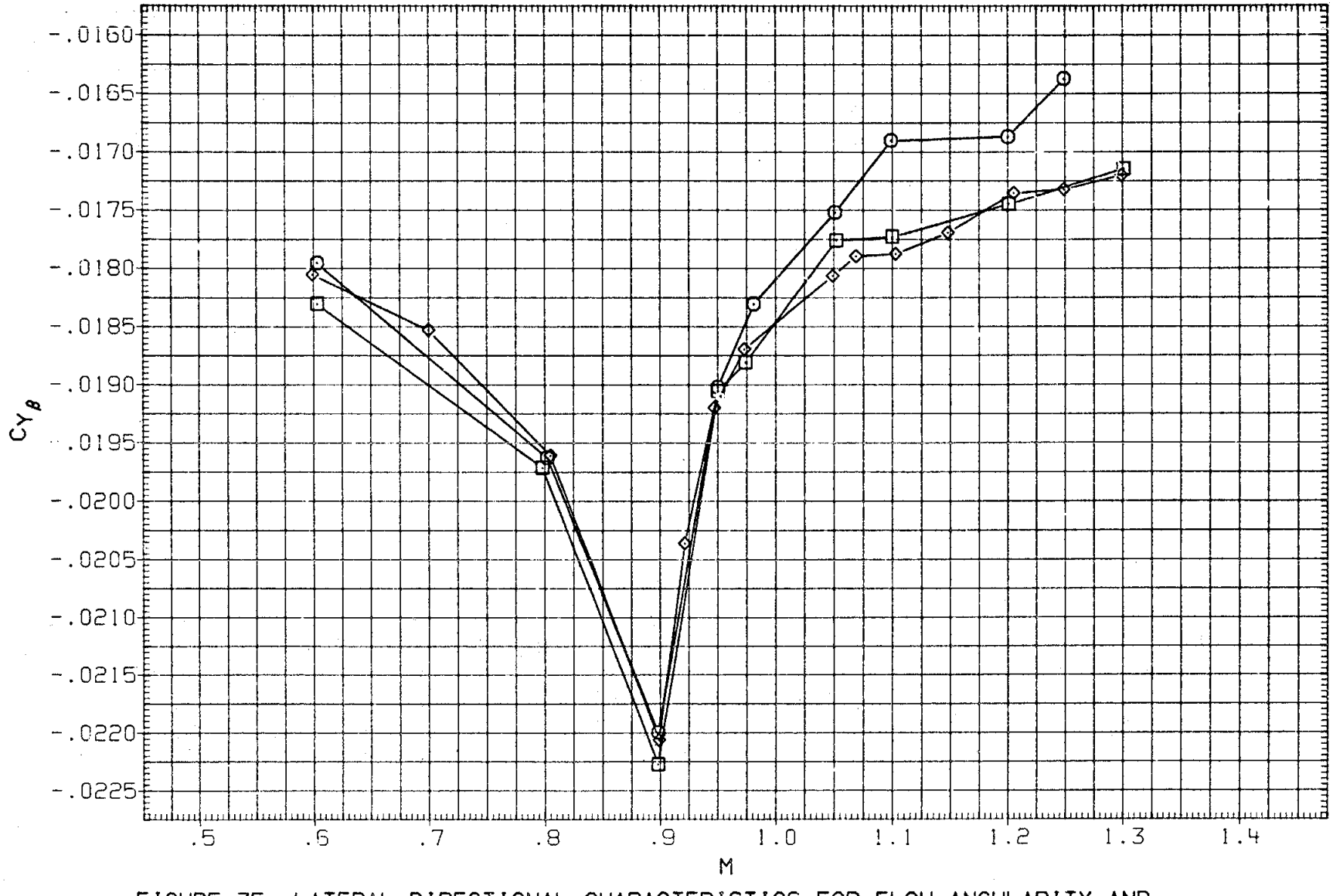


FIGURE 35. LATERAL-DIRECTIONAL CHARACTERISTICS FOR FLOW ANGULARITY AND WITH STING SHROUD

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
IK0028	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	25.500	-.030	270.000
IK0025	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	90.000
IK0026	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB. STING SHRD	.000	.000	.000	.000	25.500	-.030	90.000

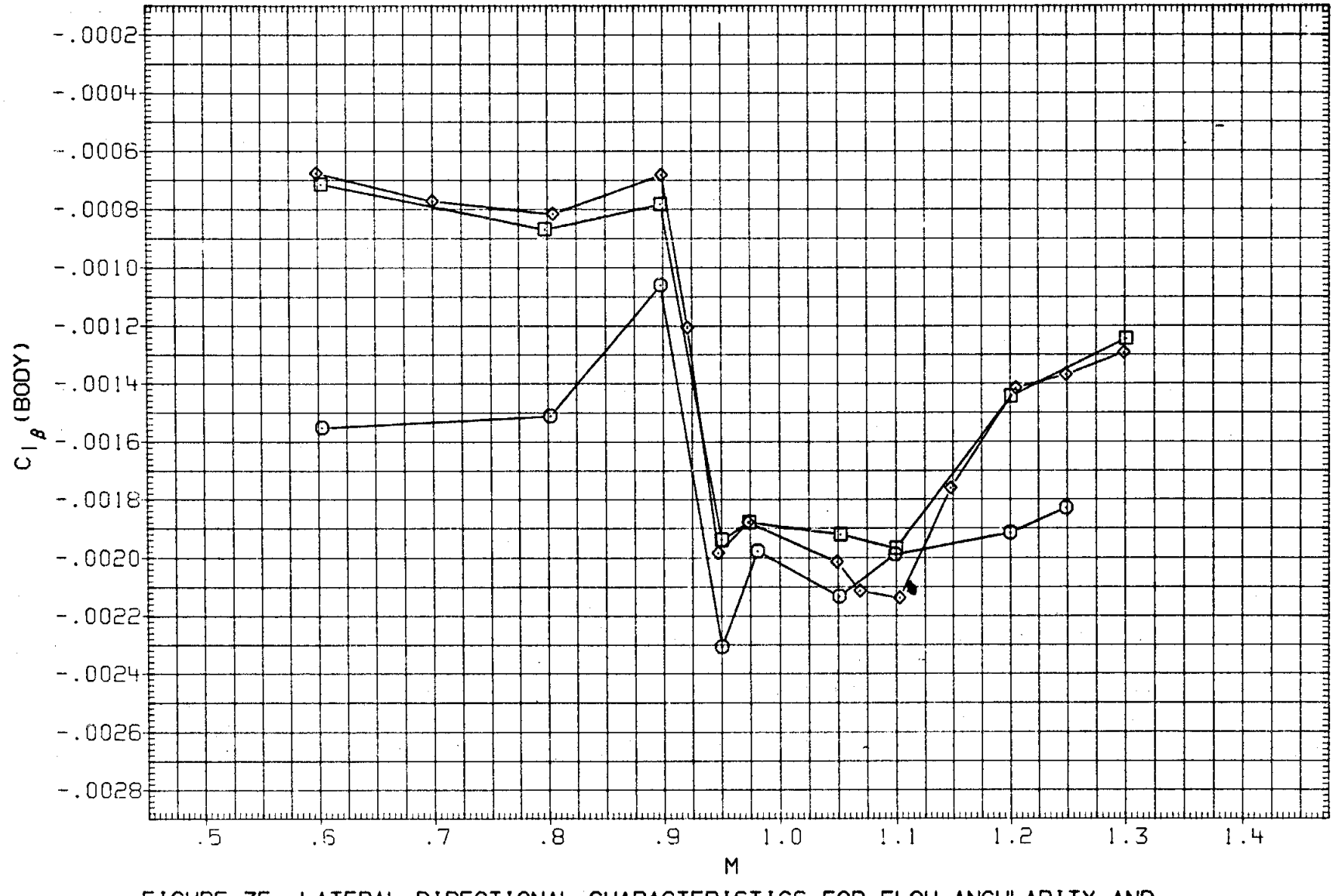


FIGURE 35. LATERAL-DIRECTIONAL CHARACTERISTICS FOR FLOW ANGULARITY AND WITH STING SHROUD

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
IK0028	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	25.500	-.030	270.000
IK0025	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	-.030	90.000
IK0026	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB. STING SHRD	.000	.000	.000	.000	25.500	-.030	90.000

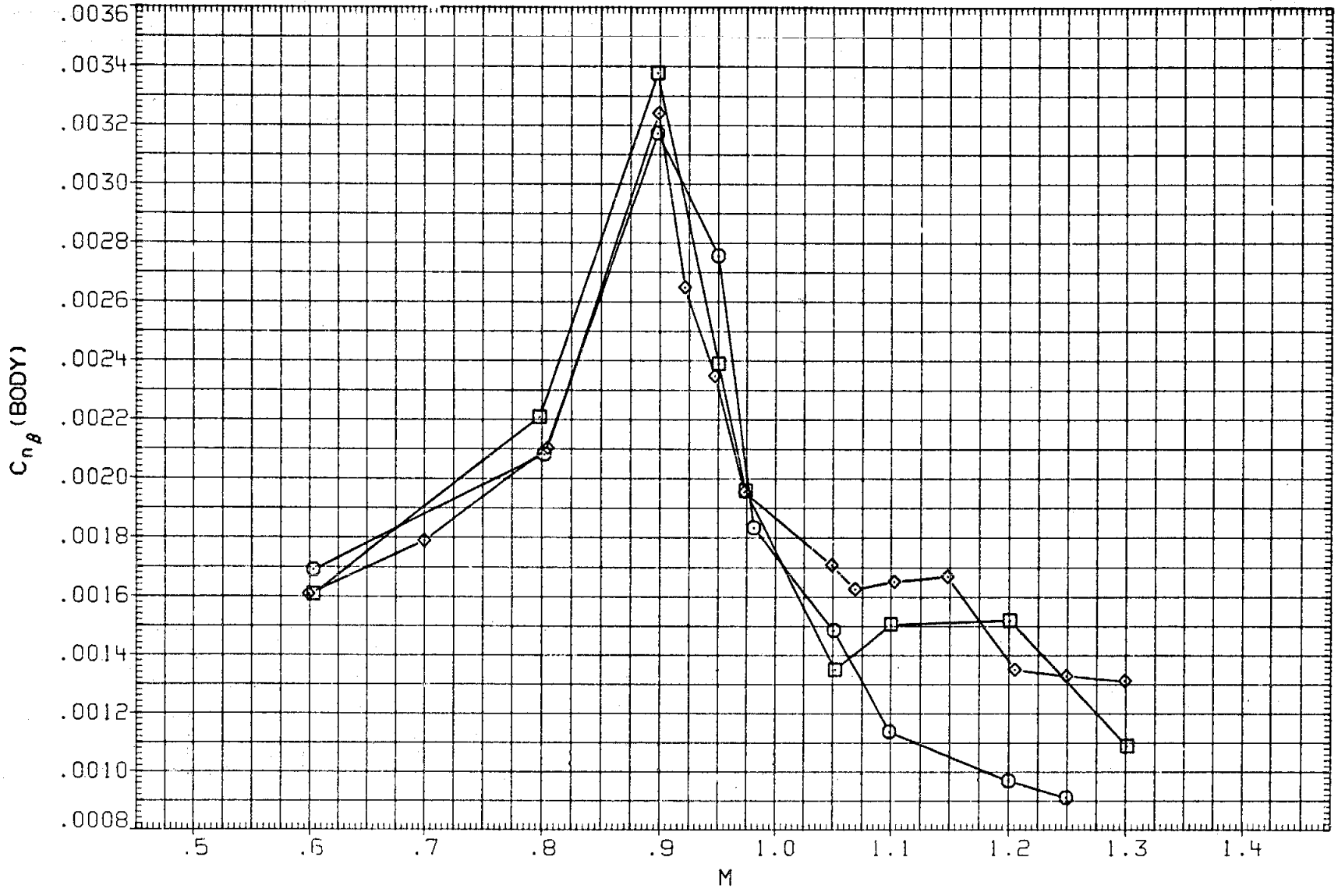


FIGURE 35. LATERAL-DIRECTIONAL CHARACTERISTICS FOR FLOW ANGULARITY AND WITH STING SHROUD

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
1K0029	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	-4.790	.000	.000	25.500	-.030	90.000
12F042	□	AMES 118-1-11 0A145A 01	5.000	-5.000	.000	.000	25.000	.000	
1K0030	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	4.920	-.010	.000	25.500	-.030	90.000
12F018	△	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	25.000	.000	
1K0031	▽	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	.000	.000	90.000
12F041	D	AMES 118-1-11 0A145A 01	5.000	5.000	.000	.000	25.000	.000	

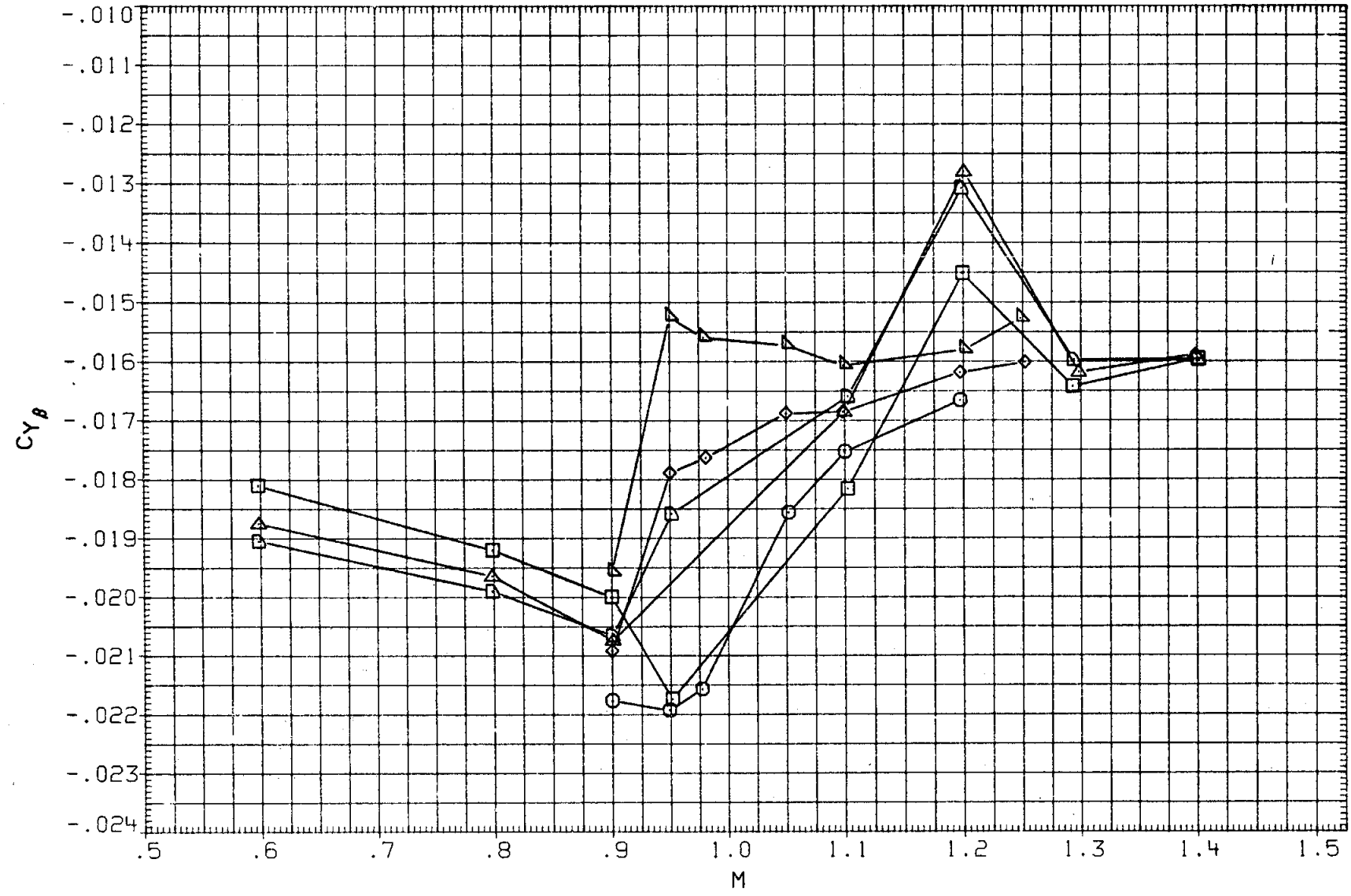


FIGURE 36. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED, ALPHA=5

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
IK0029	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	-4.790	.000	.000	25.500	-.030	90.000
I2F042	□	AMES 118-1-11 0A145A 01	5.000	-5.000	.000	.000	25.000	.000	
IK0030	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	4.920	-.010	.000	25.500	-.030	90.000
I2F018	△	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	25.000	.000	
IK0031	▷	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	.000	.000	90.000
I2F041	D	AMES 118-1-11 0A145A 01	5.000	5.000	.000	.000	25.000	.000	

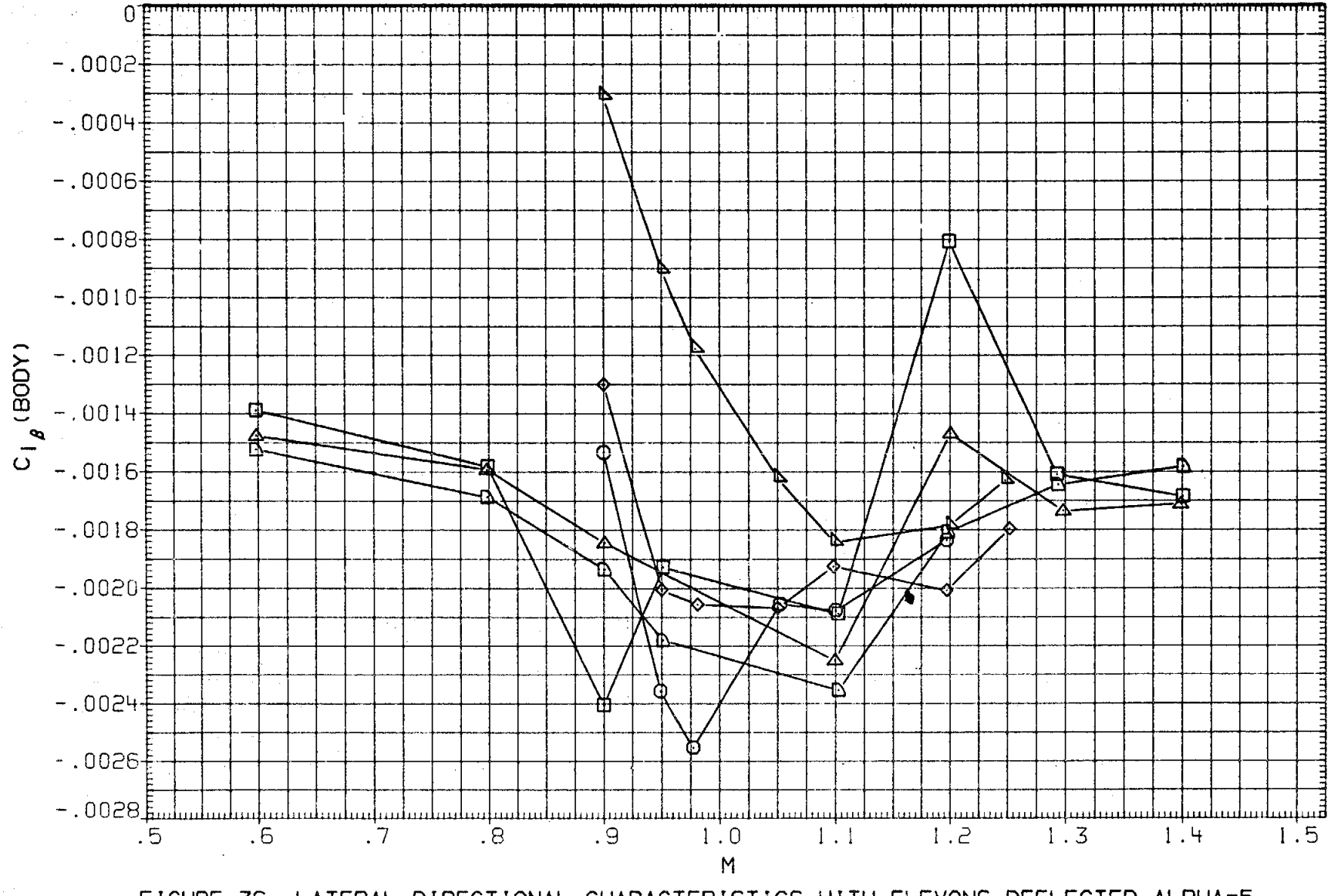


FIGURE 36. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED, ALPHA=5

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
IK0029	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	-4.790	.000	.000	25.500	-.030	90.000
12F042	□	AMES 118-1-11 0A145A 01	5.000	-5.000	.000	.000	25.000	.000	
IK0030	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	4.920	-.010	.000	25.500	-.030	90.000
12F018	△	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	25.000	.000	
IK0031	▷	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	.000	.000	90.000
12F041	D	AMES 118-1-11 0A145A 01	5.000	5.000	.000	.000	25.000	.000	

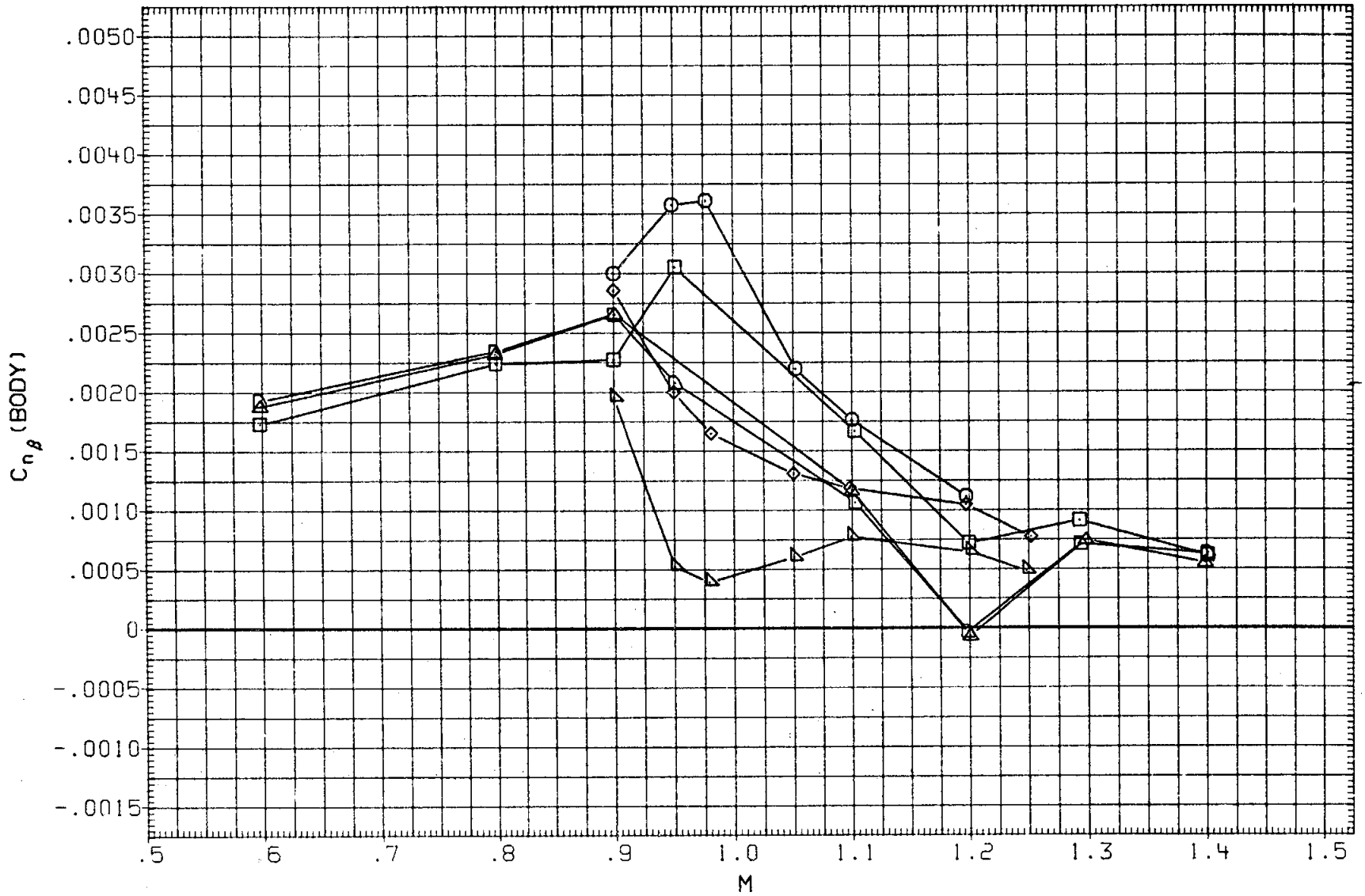


FIGURE 36. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED, ALPHA=5

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MKO021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(OA270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MKO020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(OA270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MKO022	▷	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	⬠	LARC 16FT TWT 325(OA270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

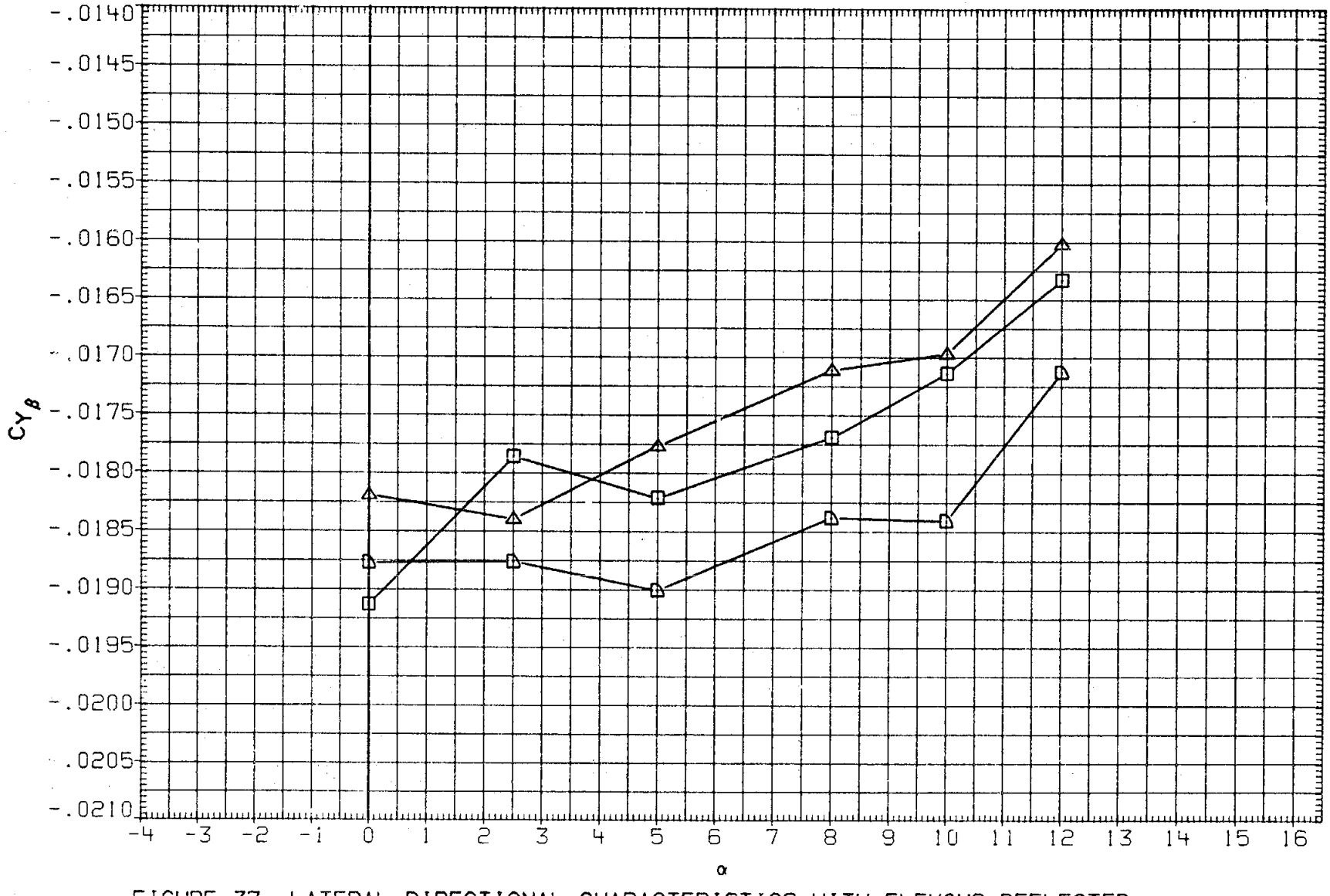


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◁	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▷	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◸	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	◻	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

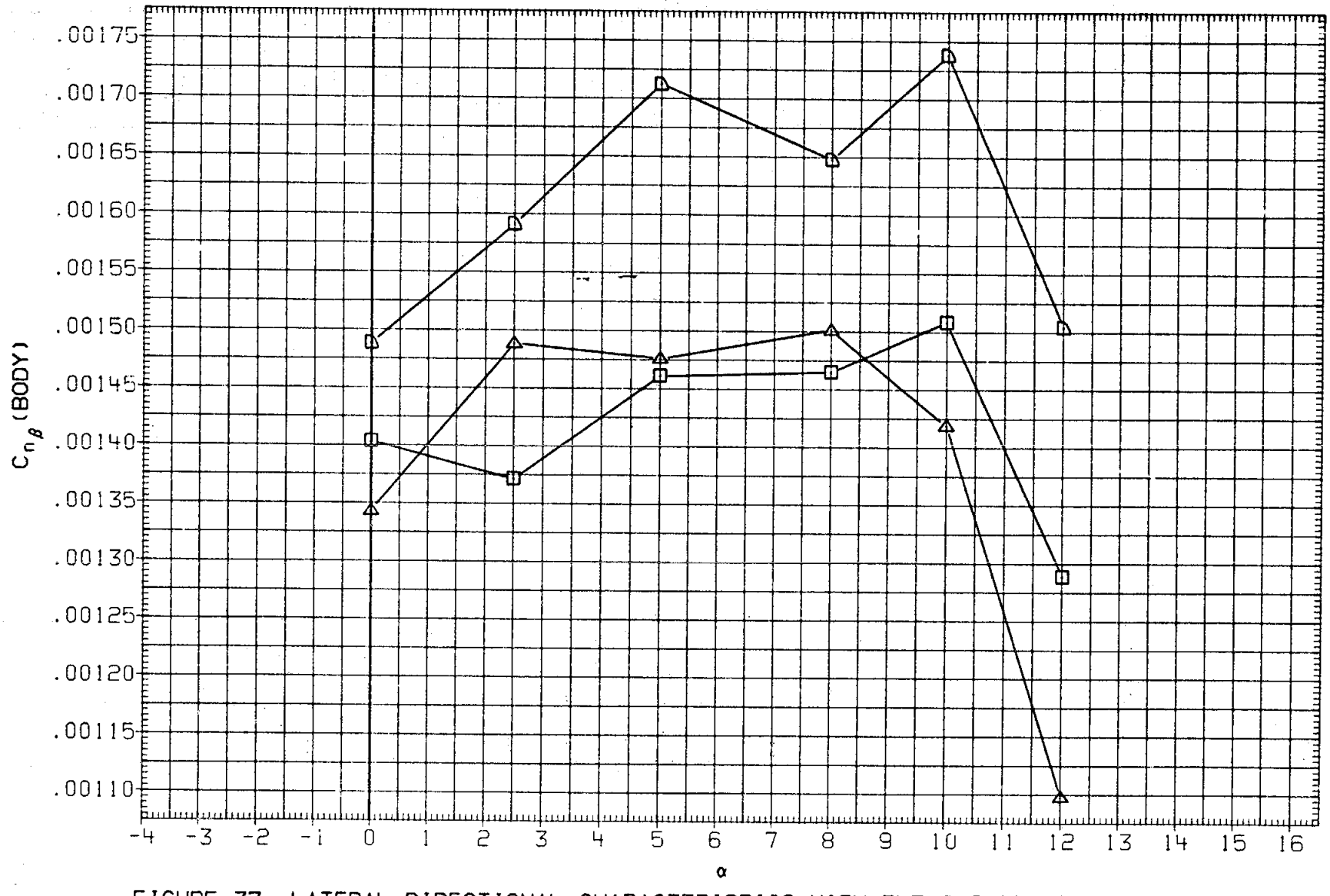


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	▽	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	⌐	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

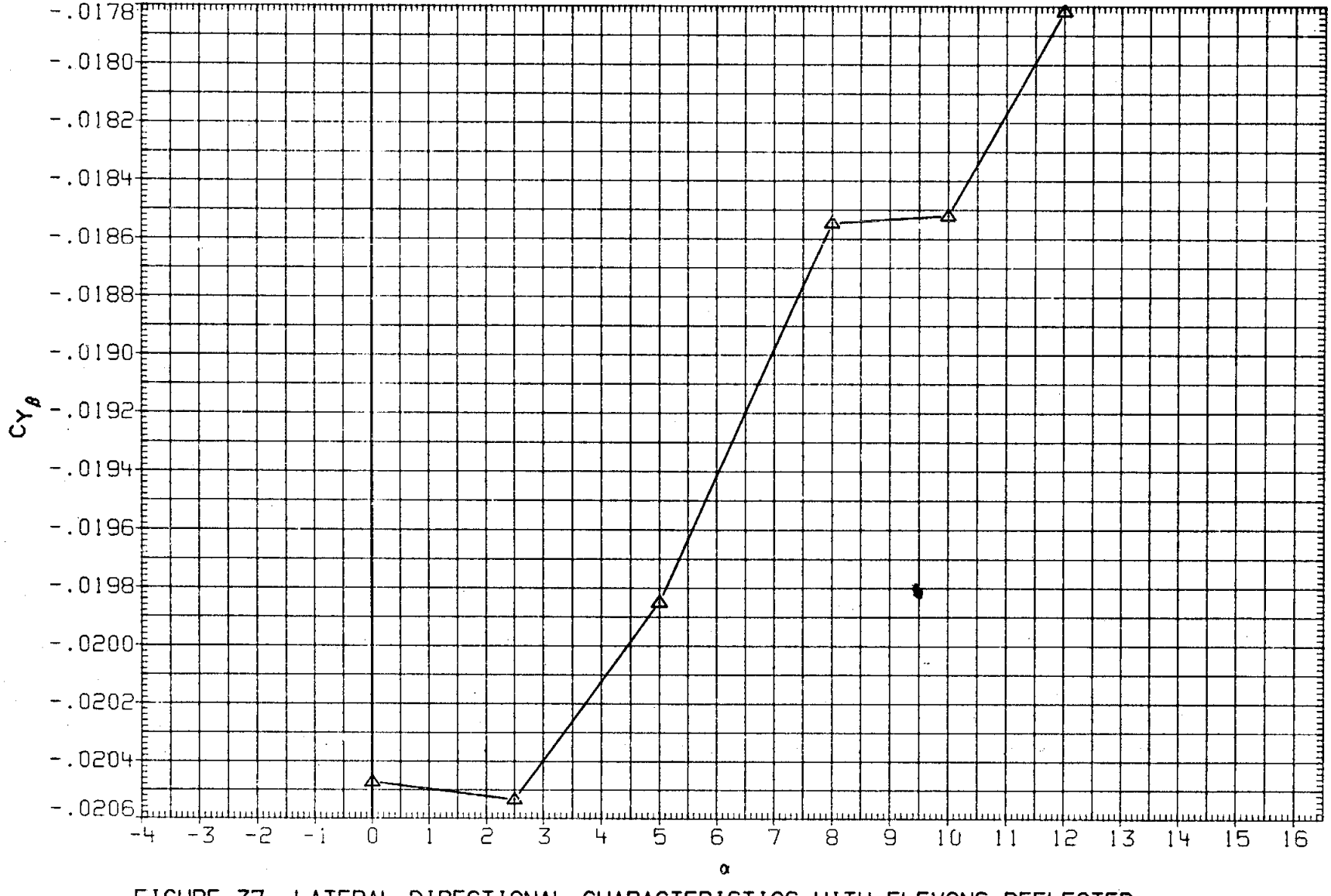


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	▽	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

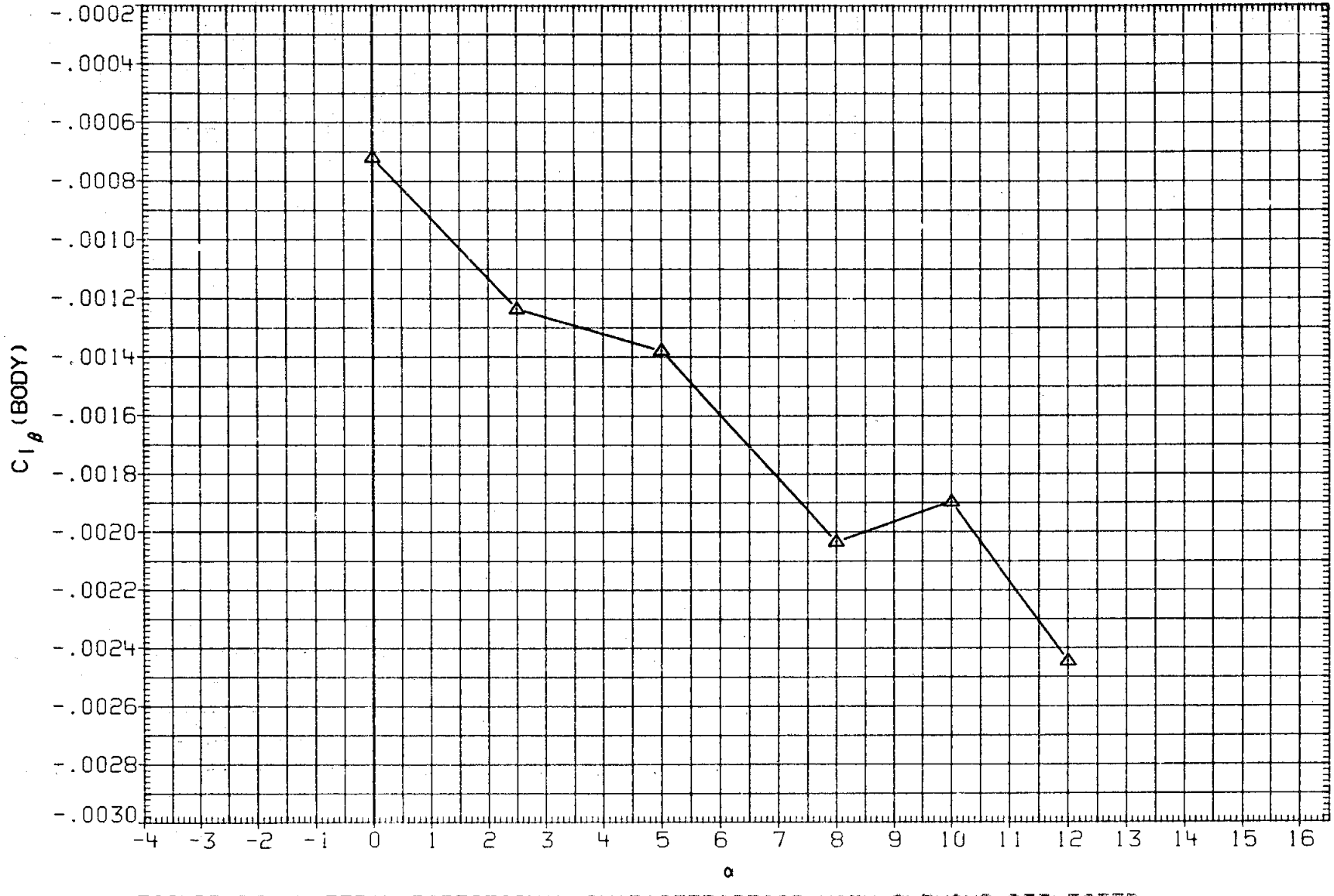


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◺	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

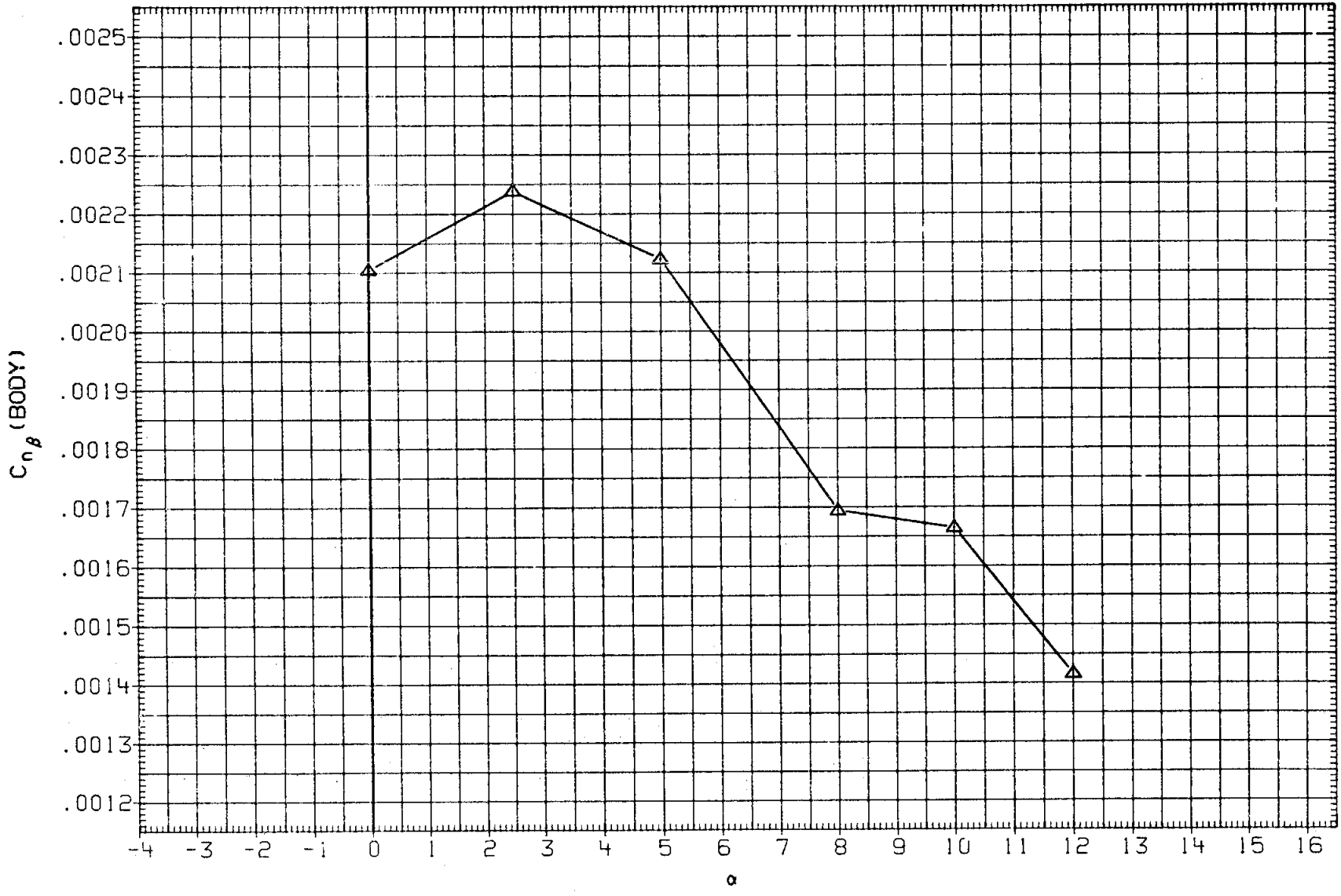


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

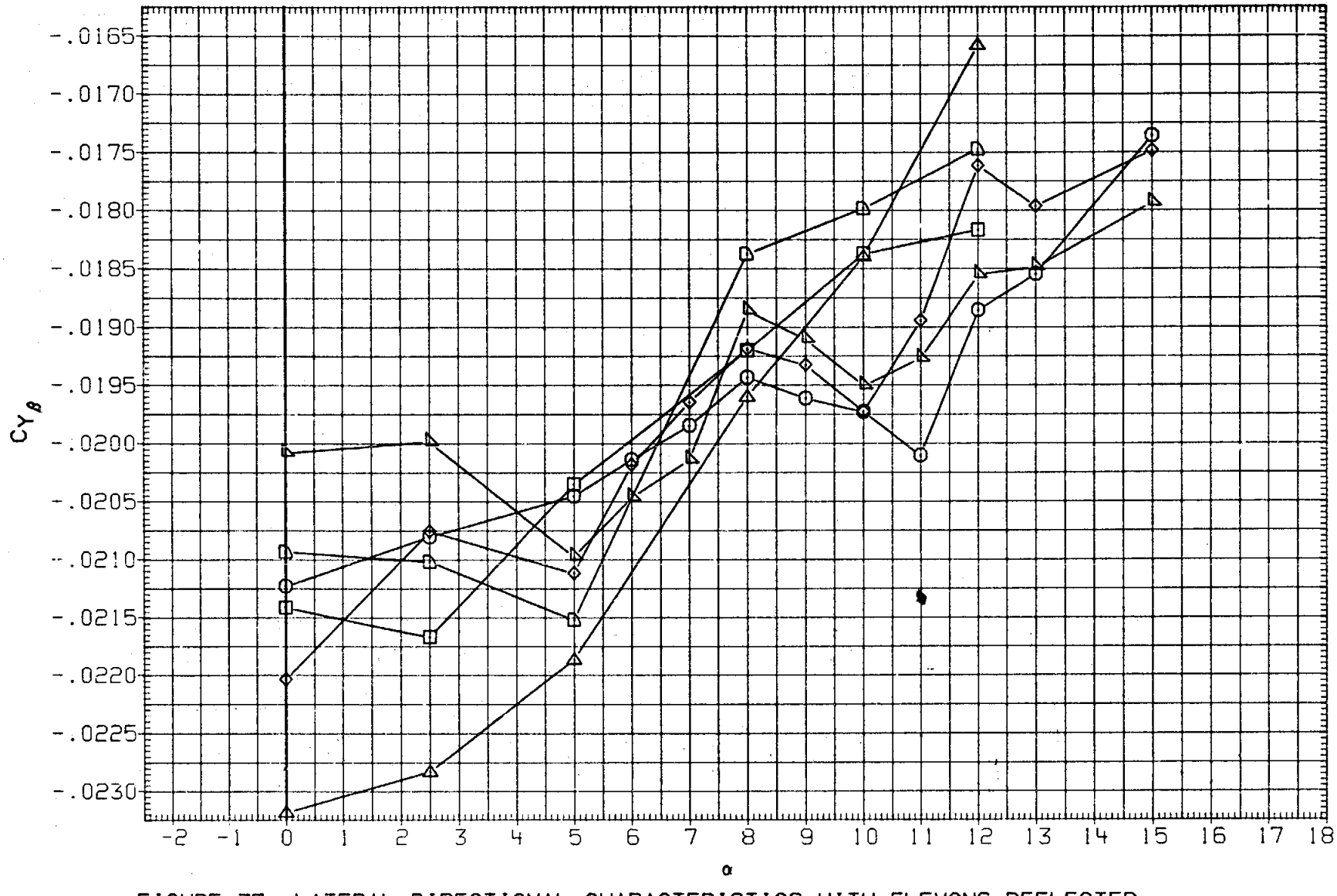


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◺	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▱	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

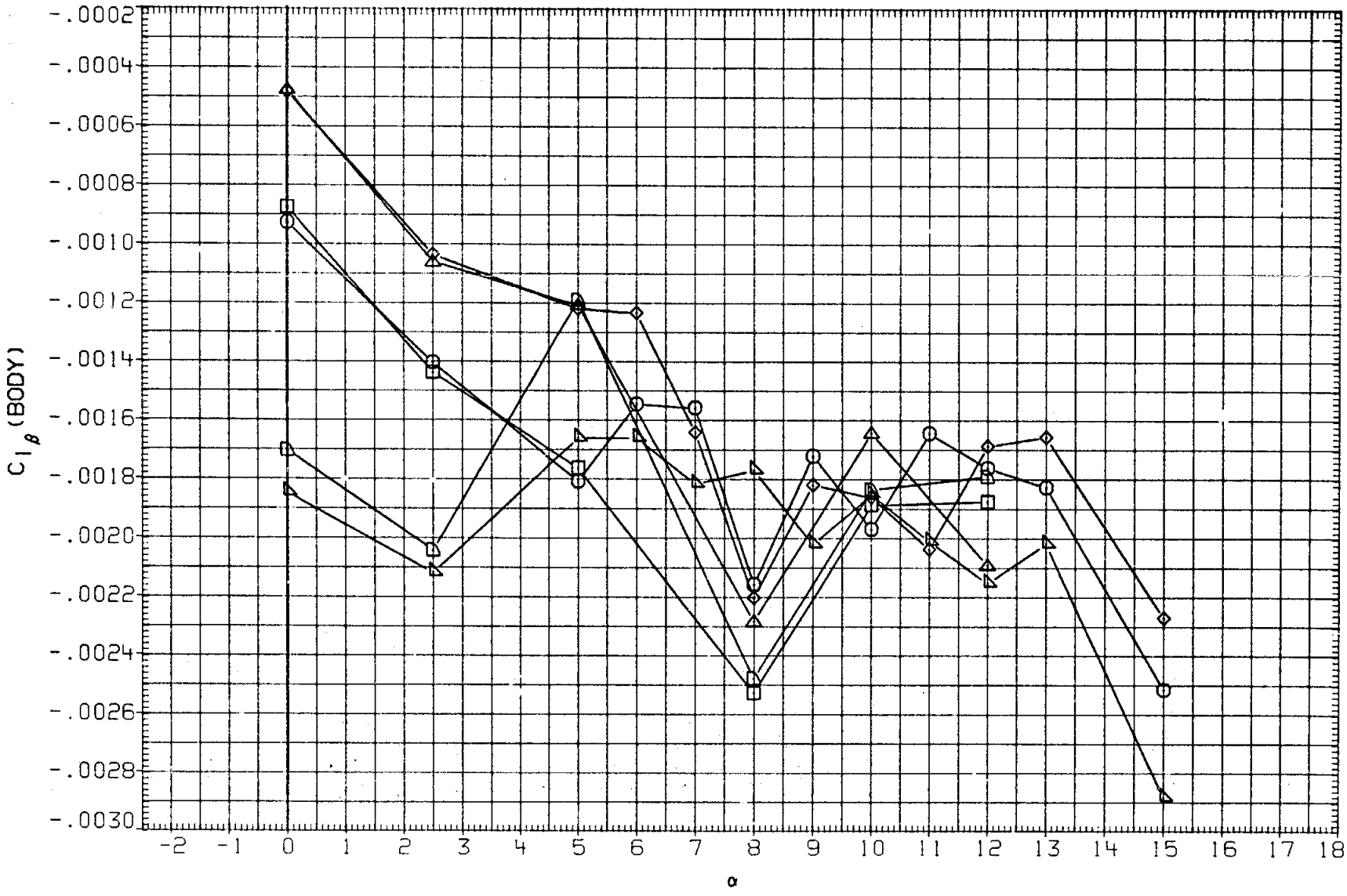


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.003	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

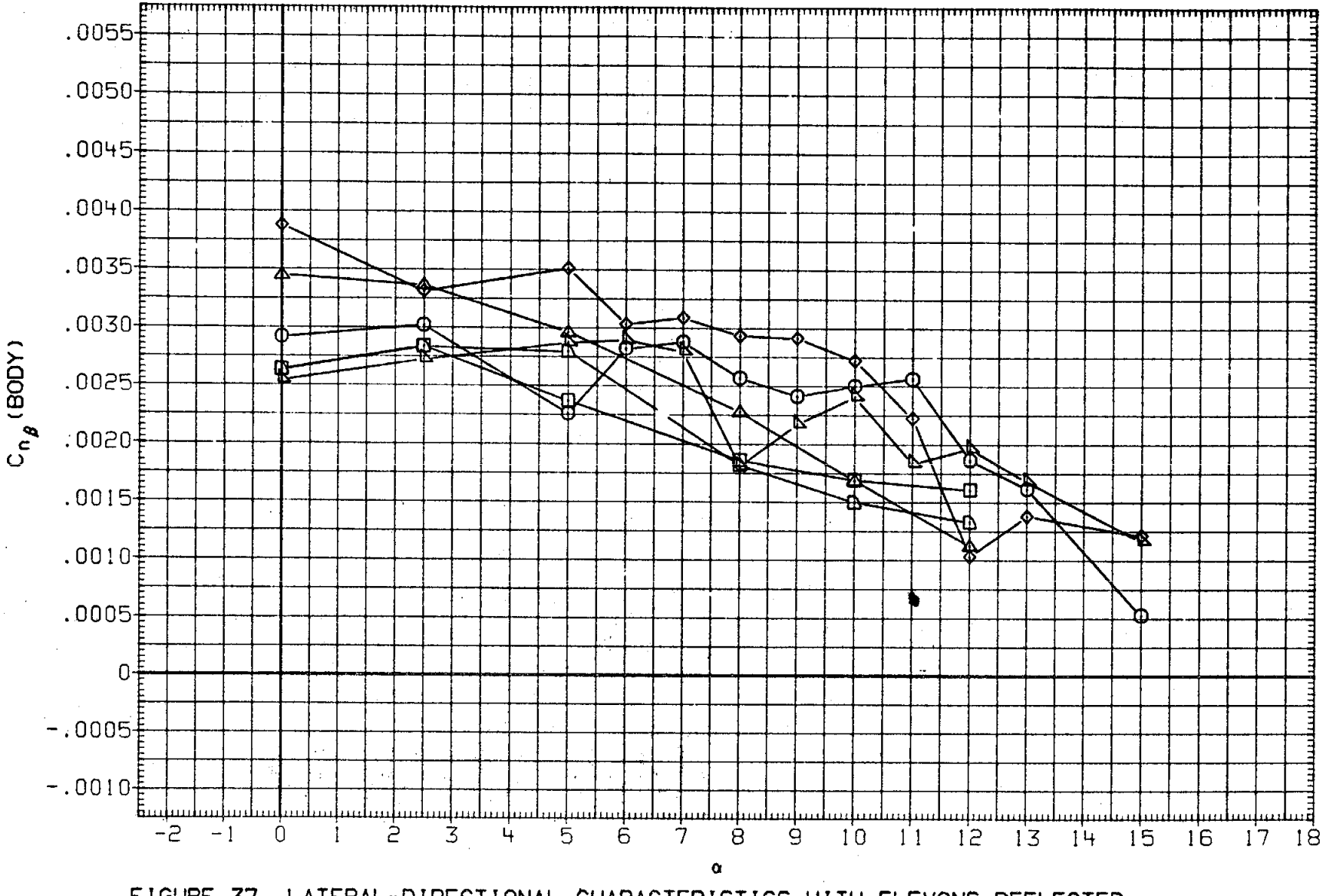


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

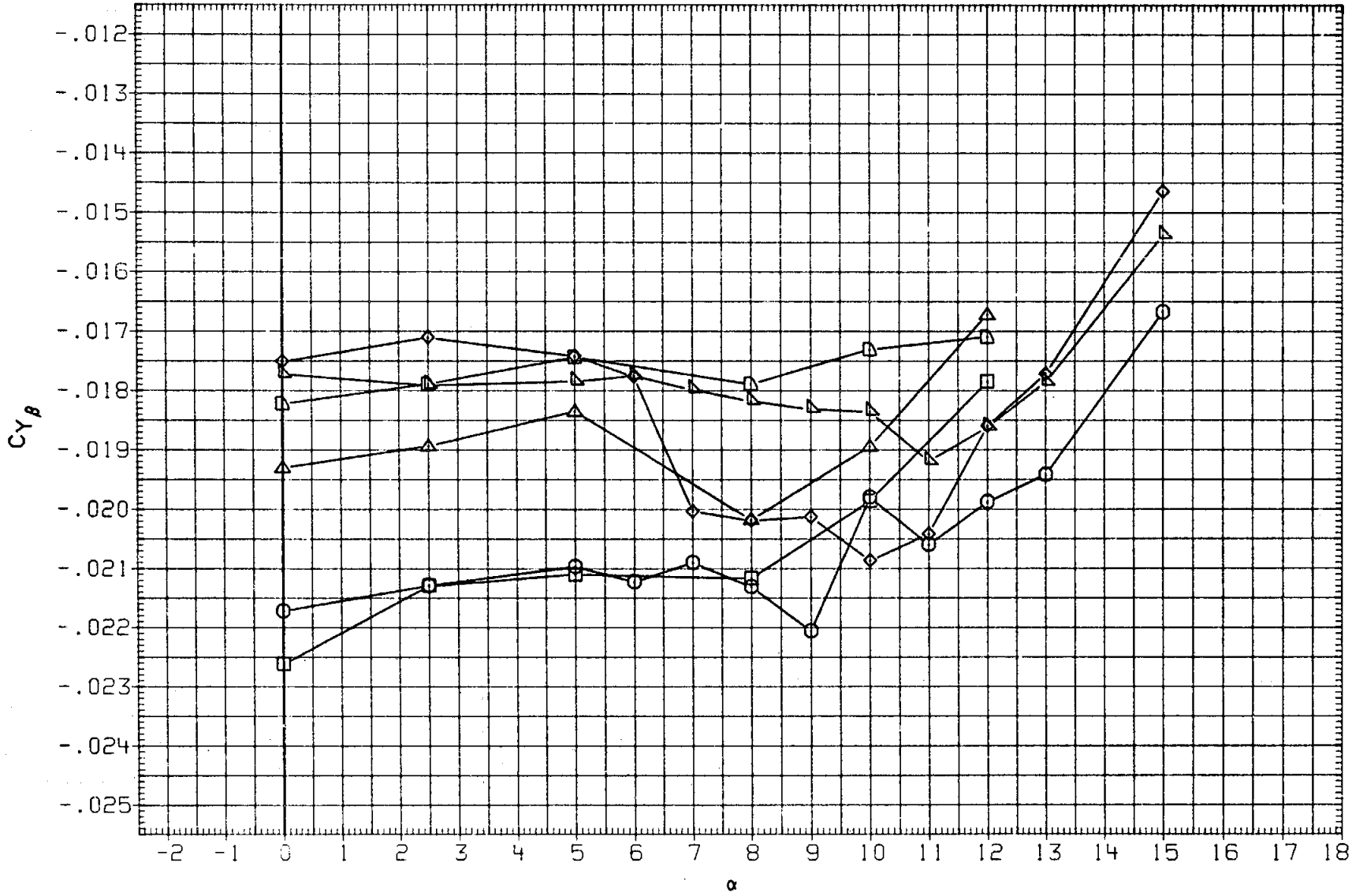


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

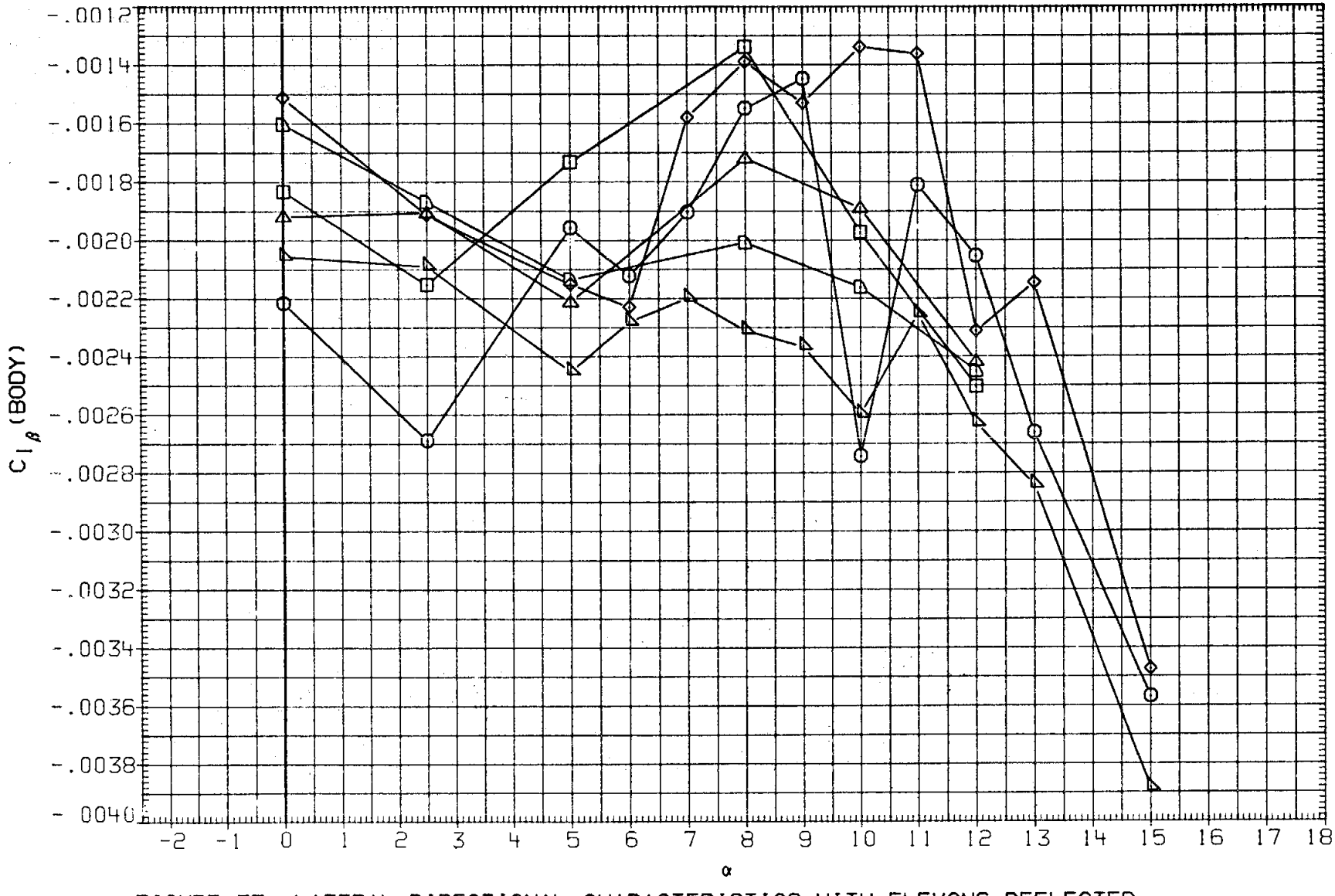


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◺	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	⬠	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000

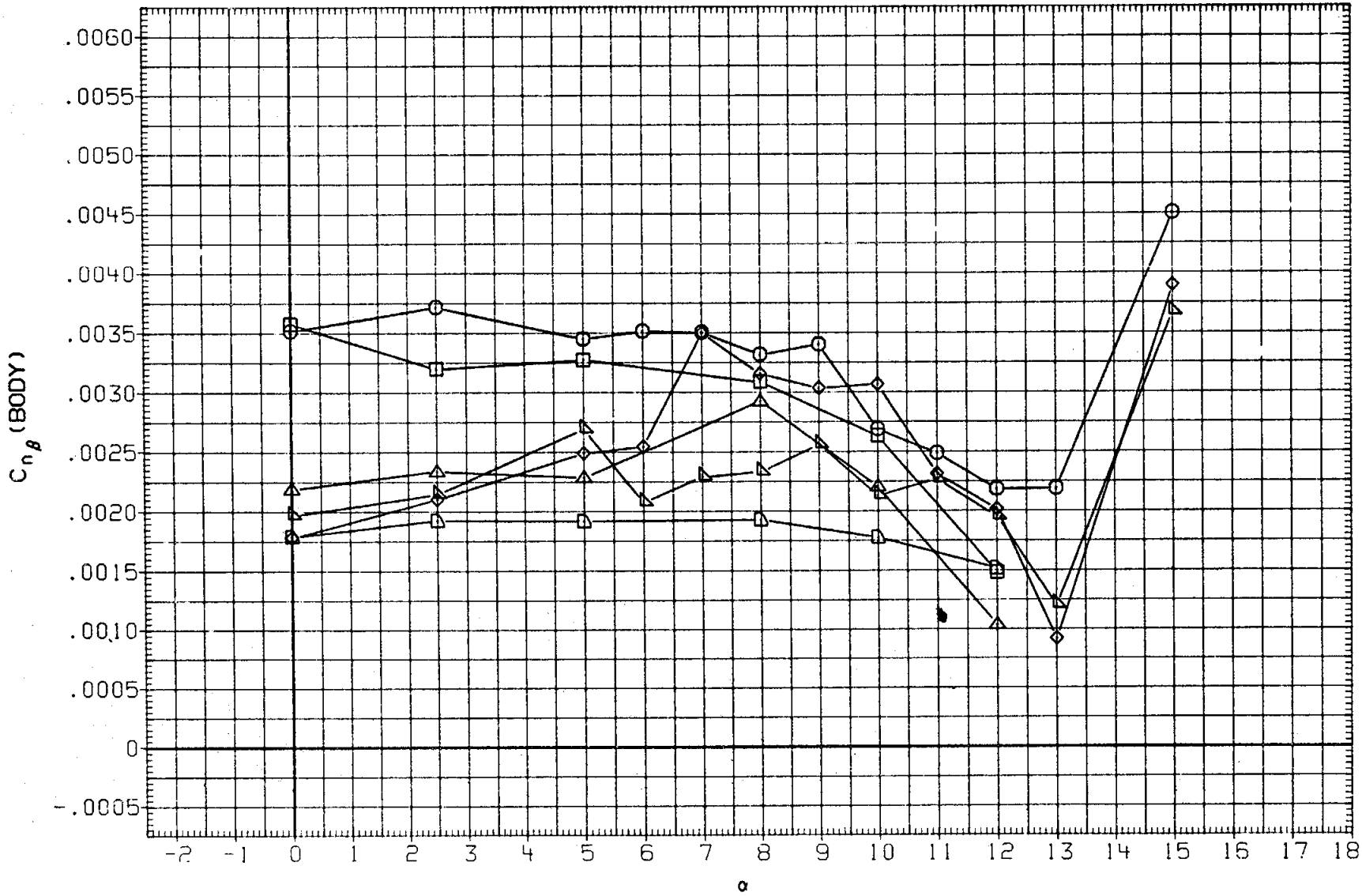


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

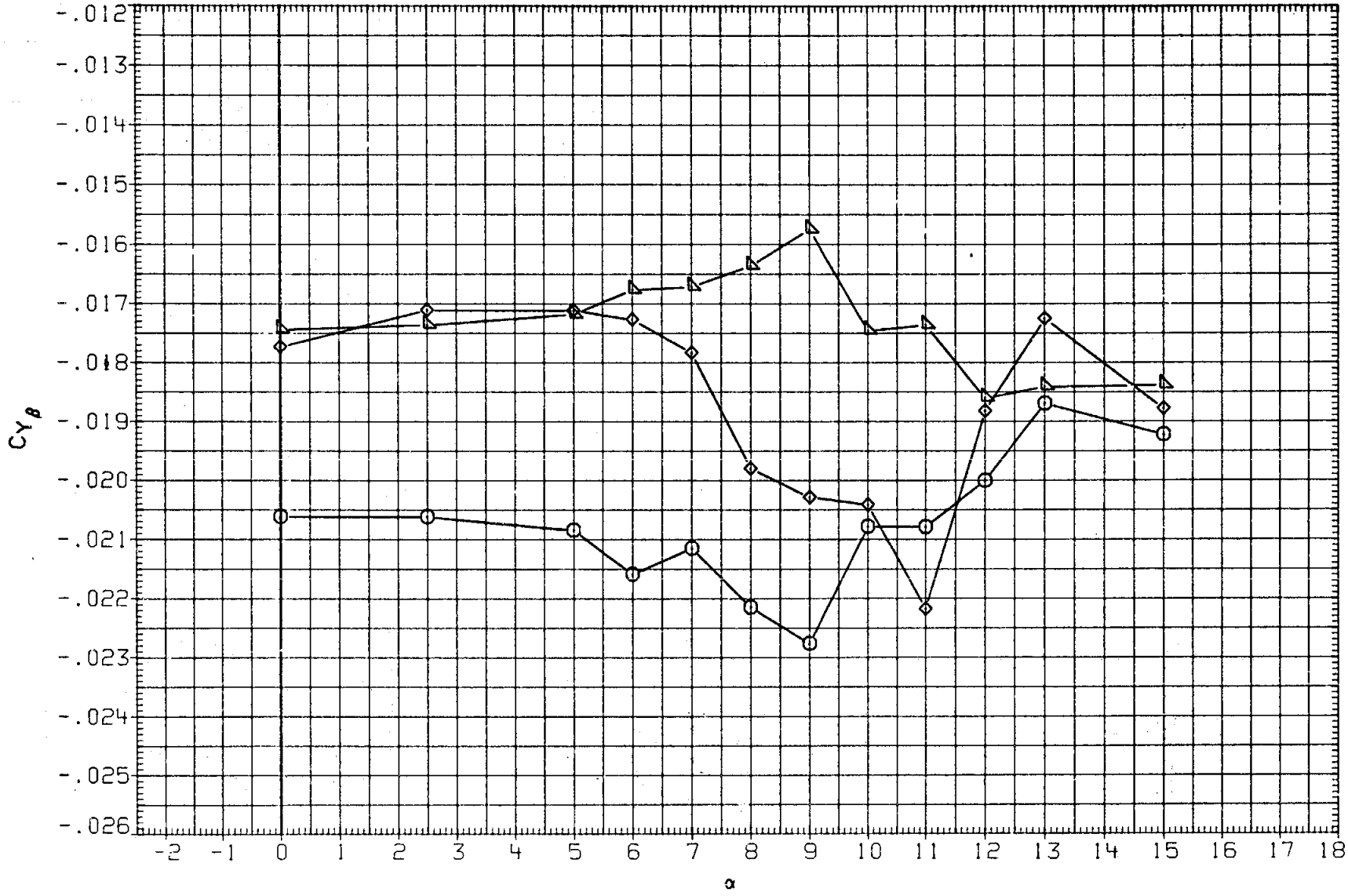


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▱	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

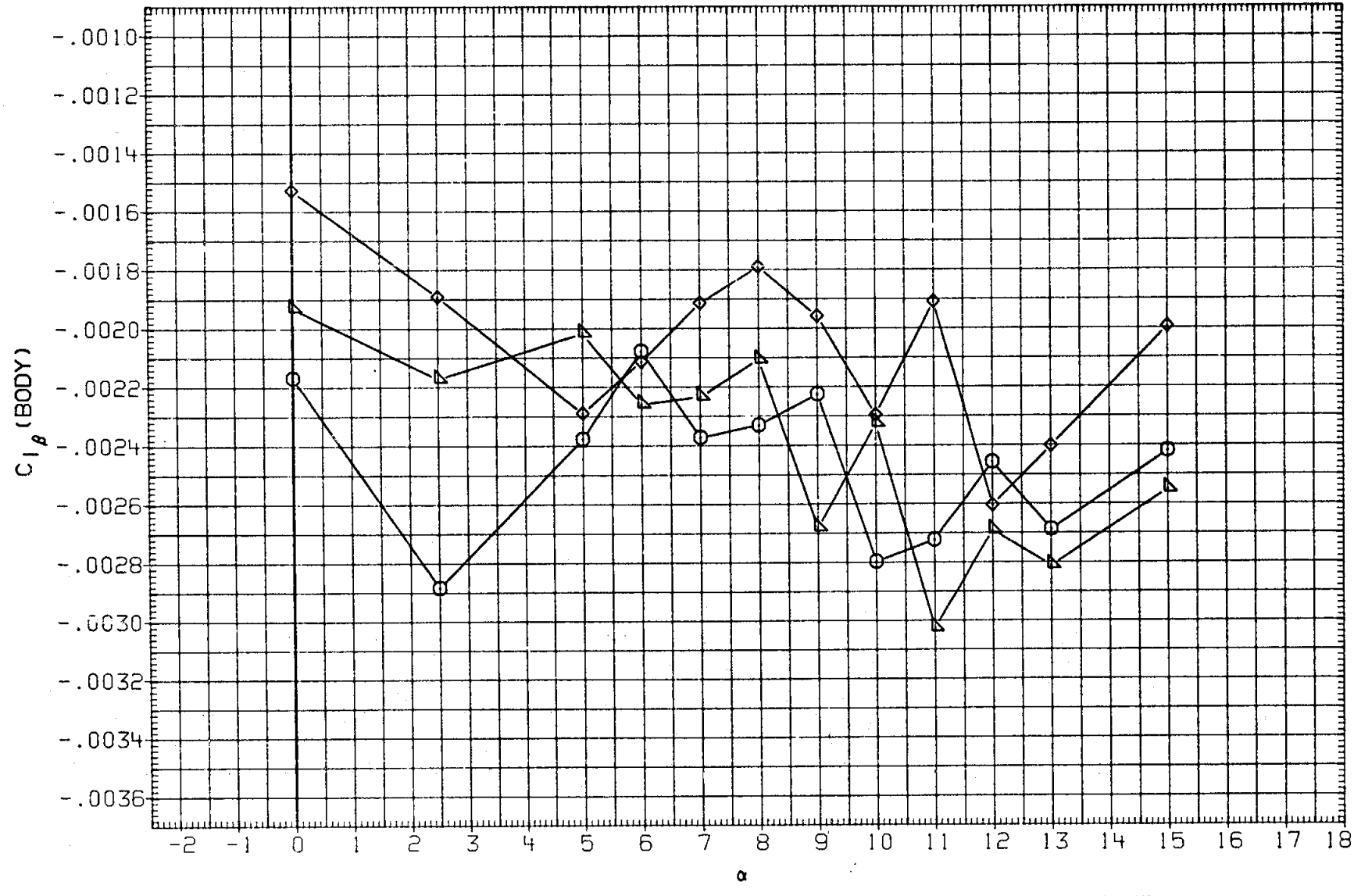


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◪	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	◨	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

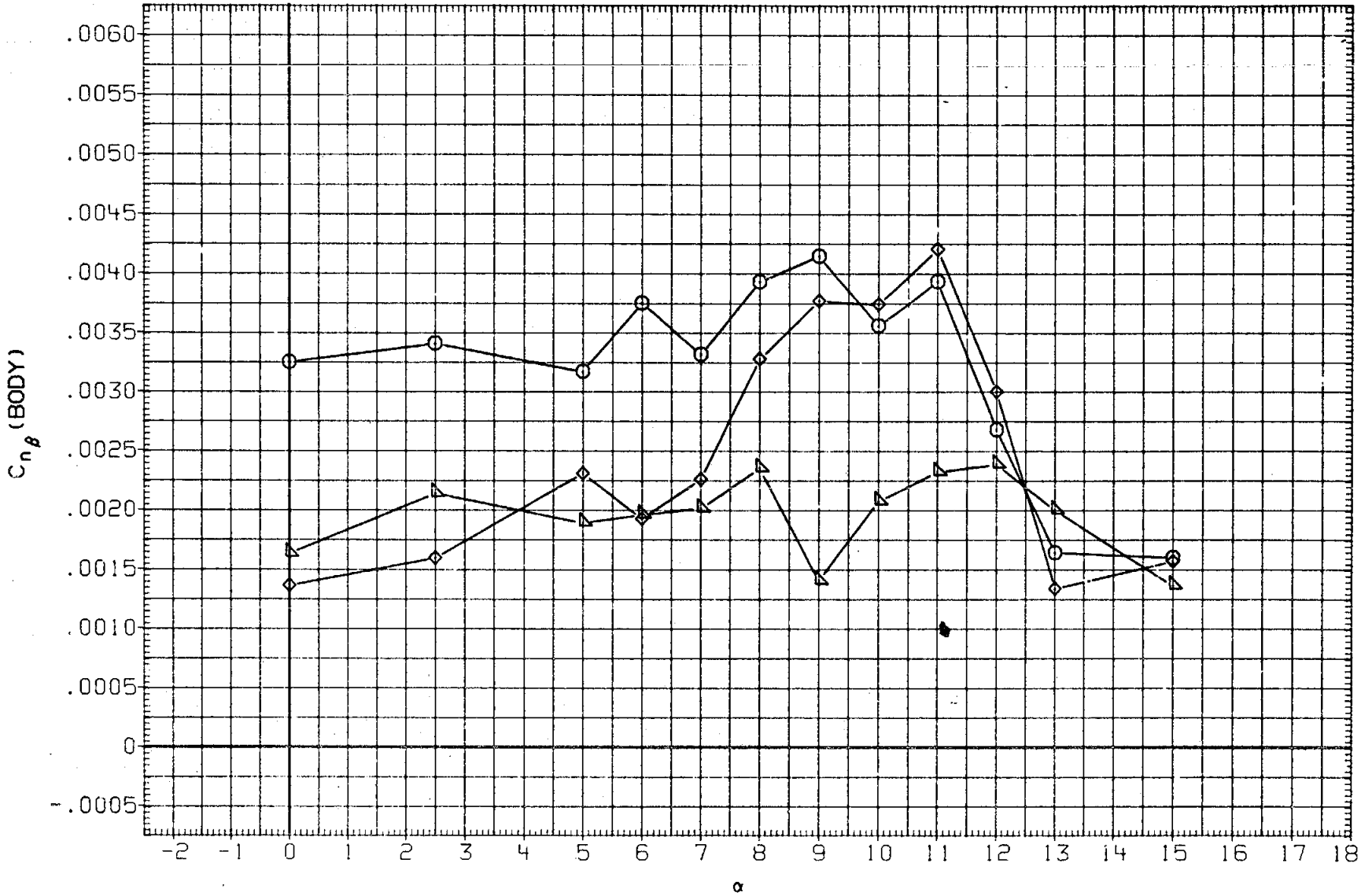


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT [illegible]5(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

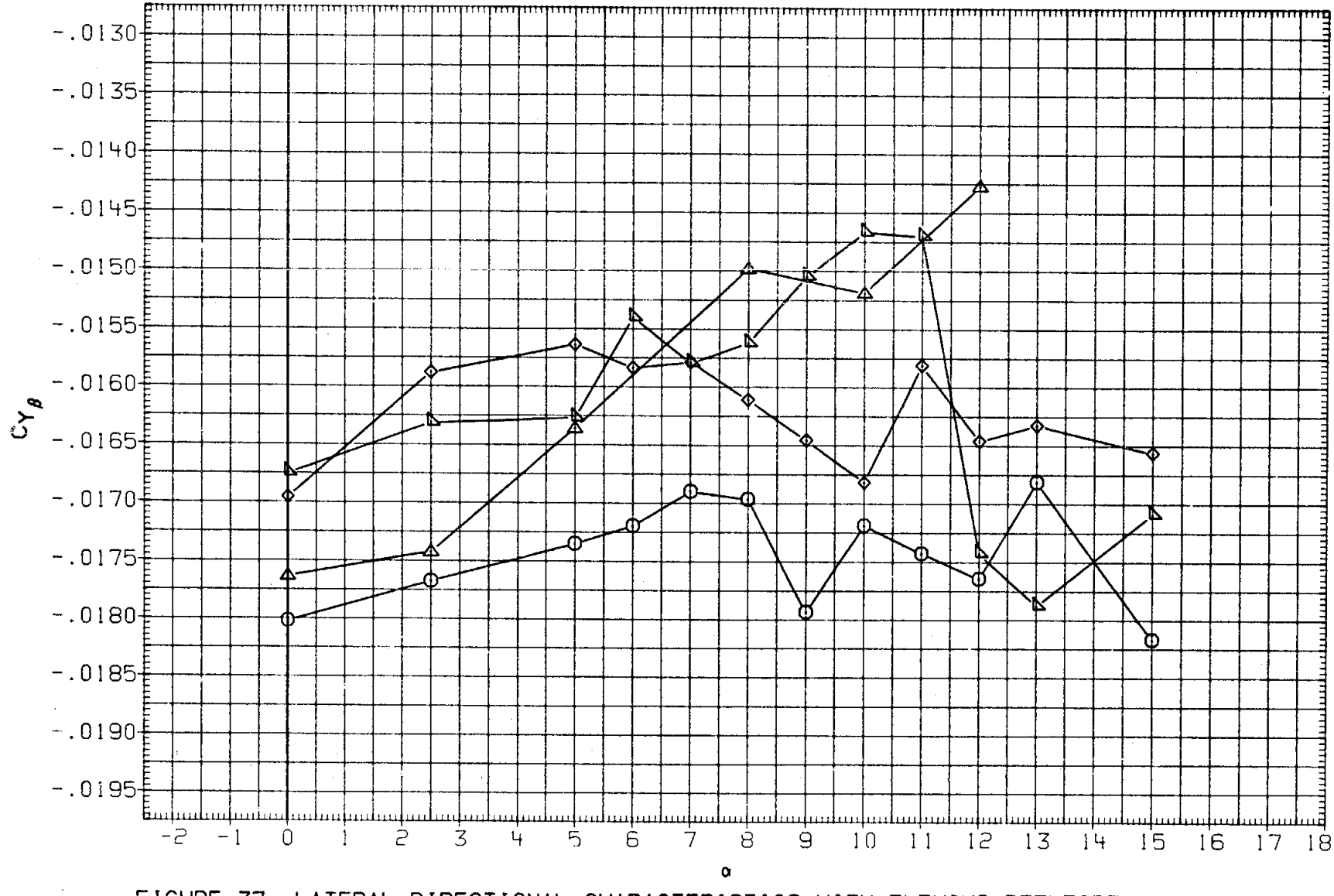


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	▷	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▱	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

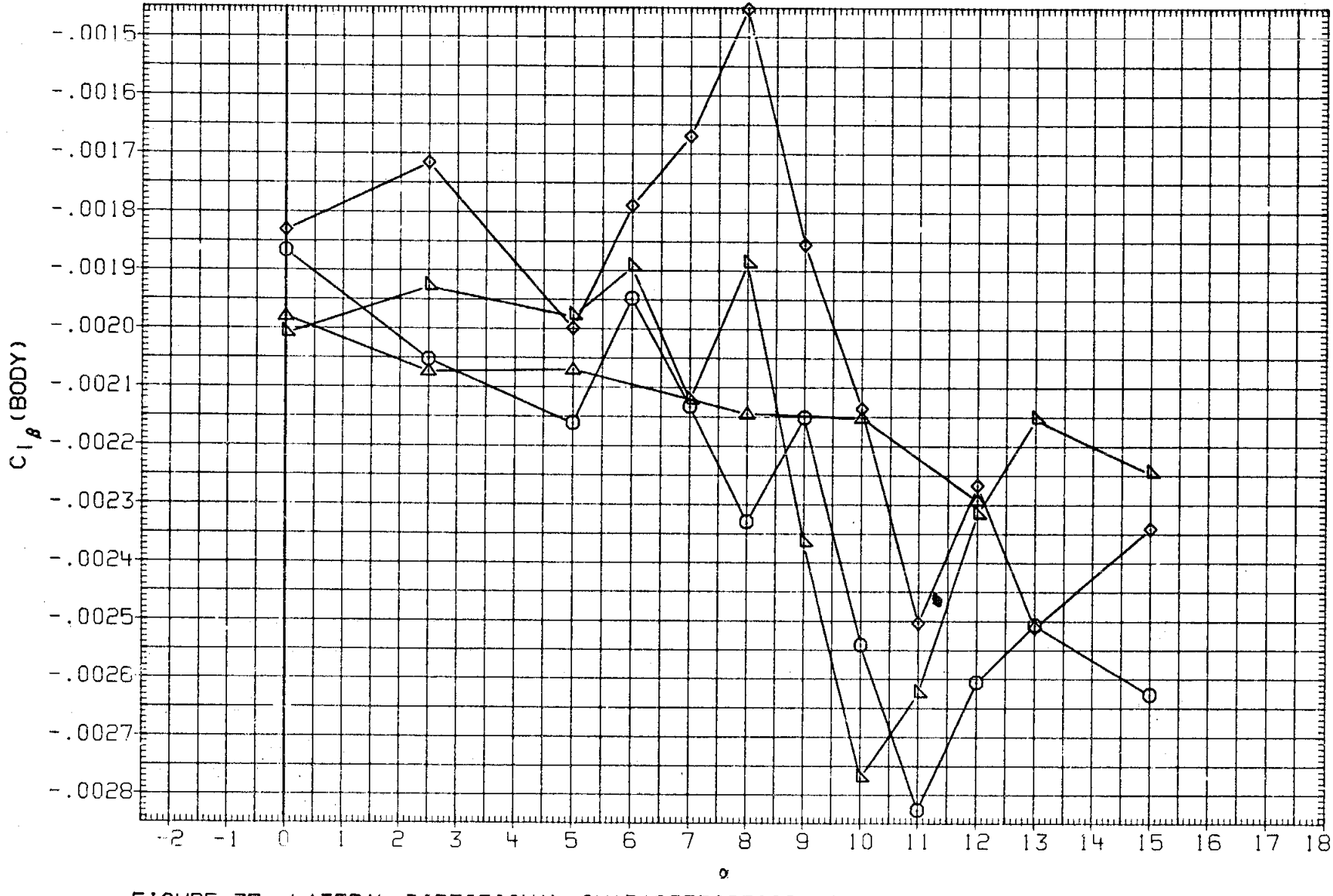


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

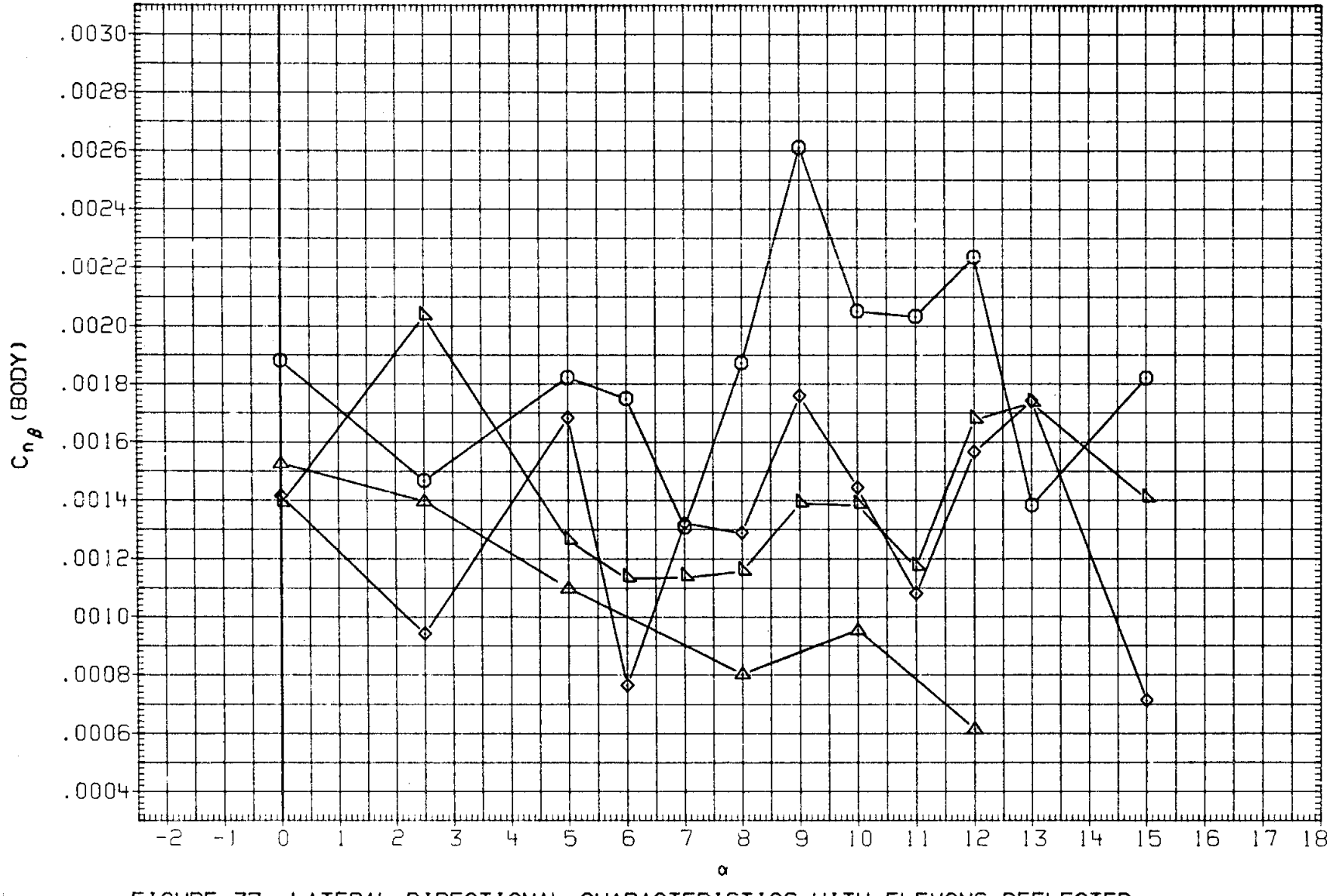


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN012	□	DATA NOT AVAILABLE
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.
MK0022	◹	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN014	◺	DATA NOT AVAILABLE

DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
2.000	.000	.000	25.500	-.030
2.000	.000	.000	25.000	.000
2.000	.000	.000	25.500	-.030
2.000	.000	.000	25.000	.000
2.000	-.010	.000	25.500	-.030
2.000	.000	.000	25.000	.000

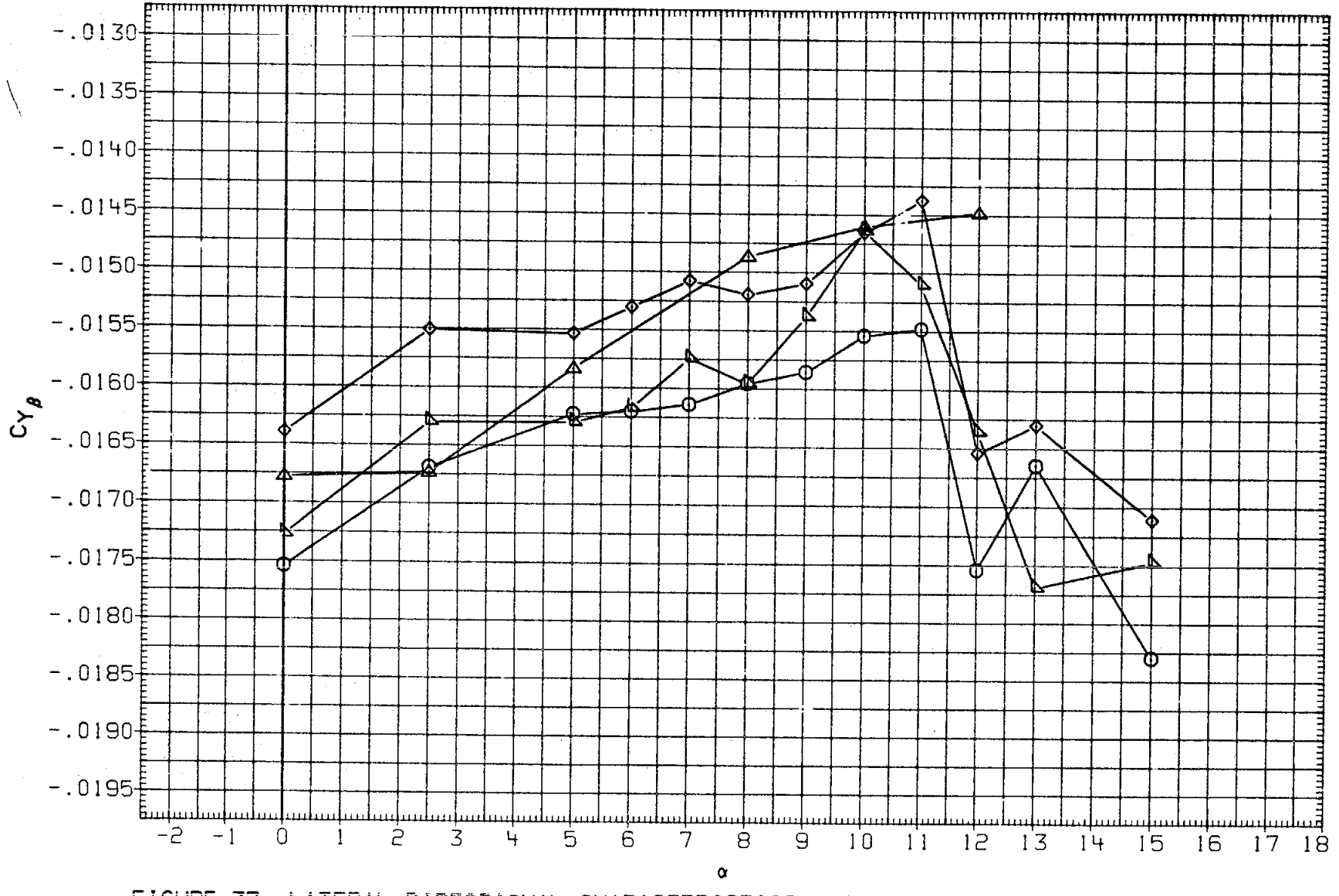


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	▷	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	⬠	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

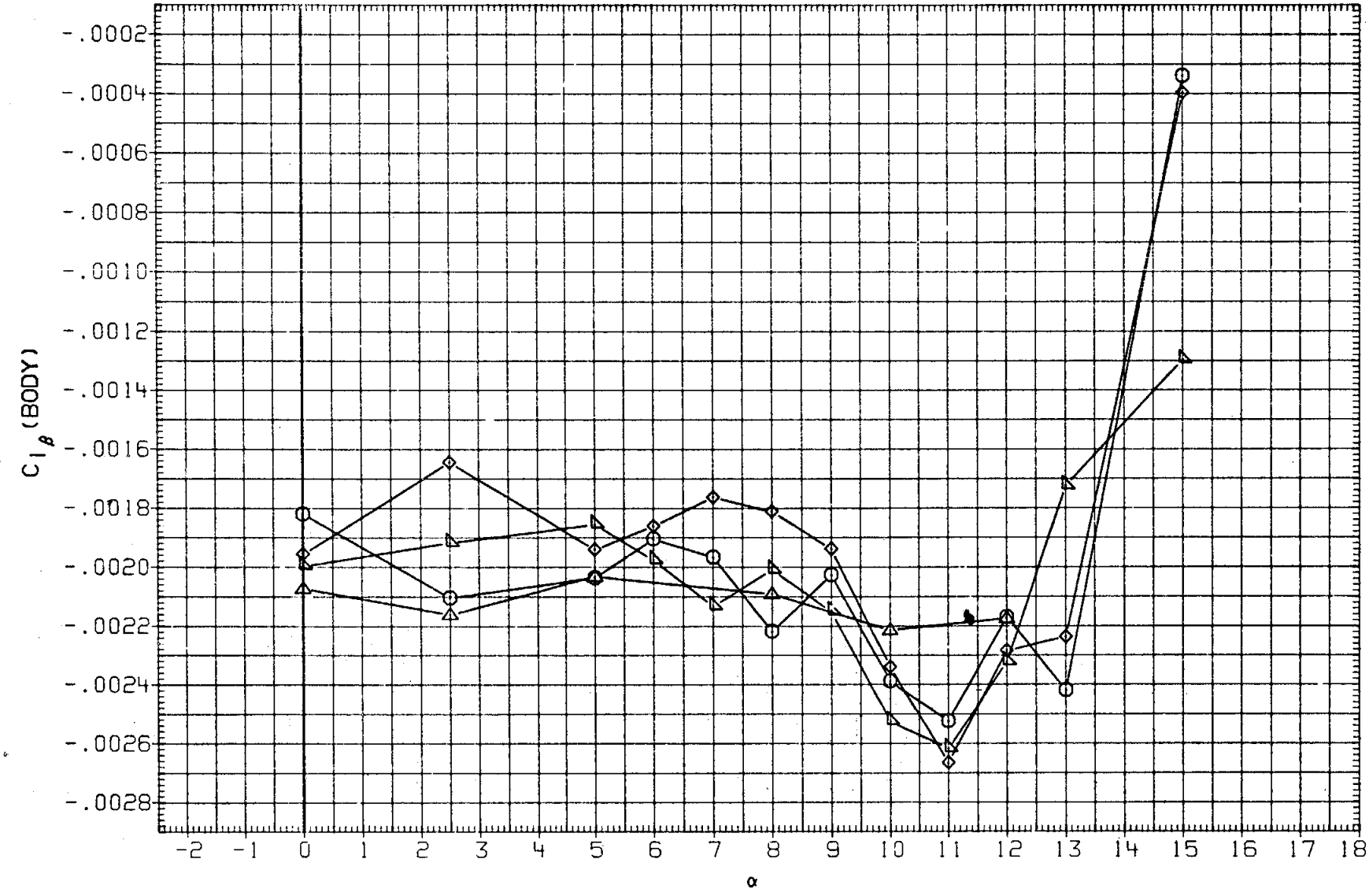


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	▽	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

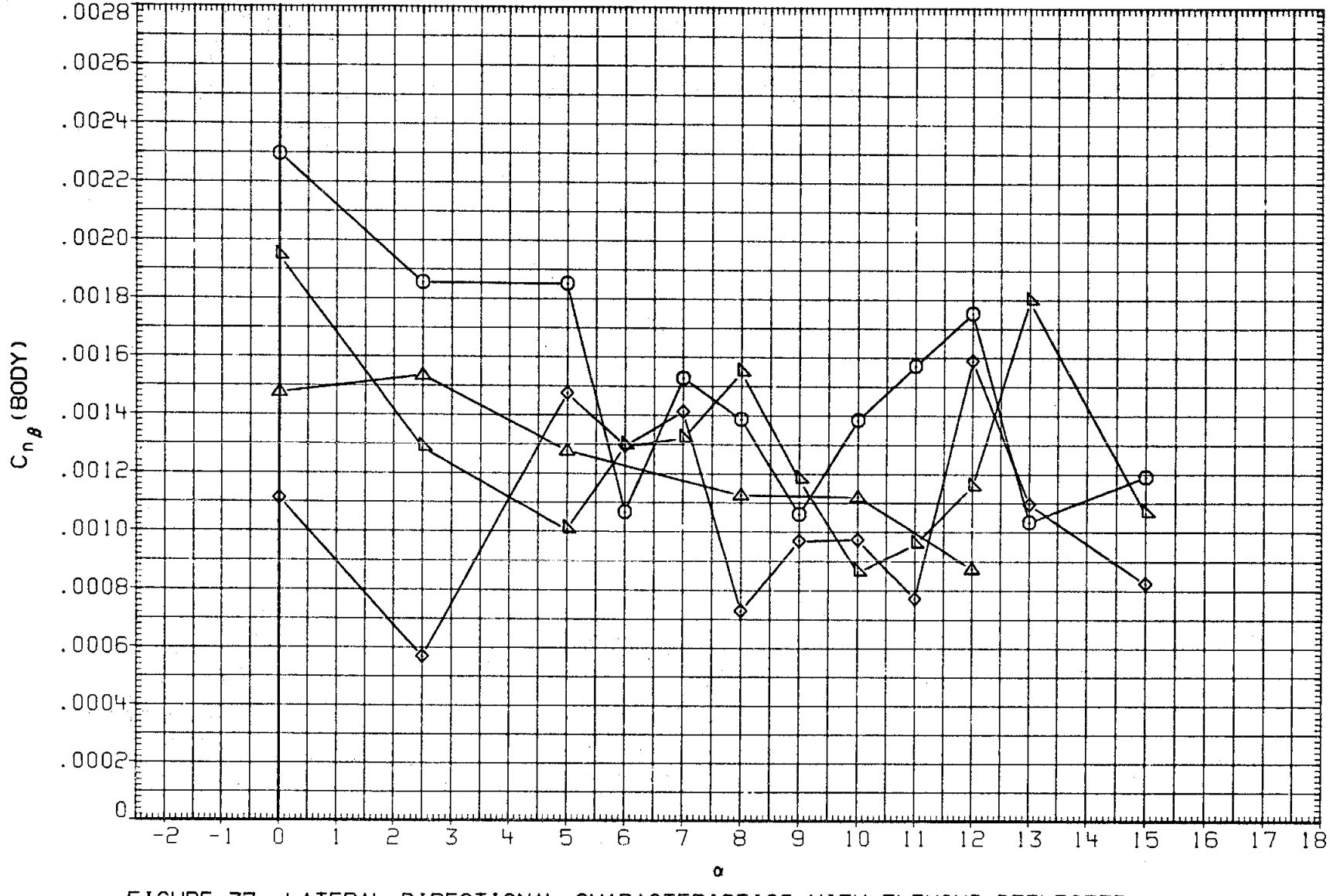


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(G)MACH = 1.10

DATA SET SYMBOL		CONFIGURATION
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN012	□	DATA NOT AVAILABLE
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.
MK0022	▽	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN014	▱	DATA NOT AVAILABLE

DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
2.000	.000	.000	25.500	-.030
2.000	.000	.000	25.000	.000
2.000	.000	.000	25.500	-.030
2.000	.000	.000	25.000	.000
2.000	-.010	.000	25.500	-.030
2.000	.000	.000	25.000	.000

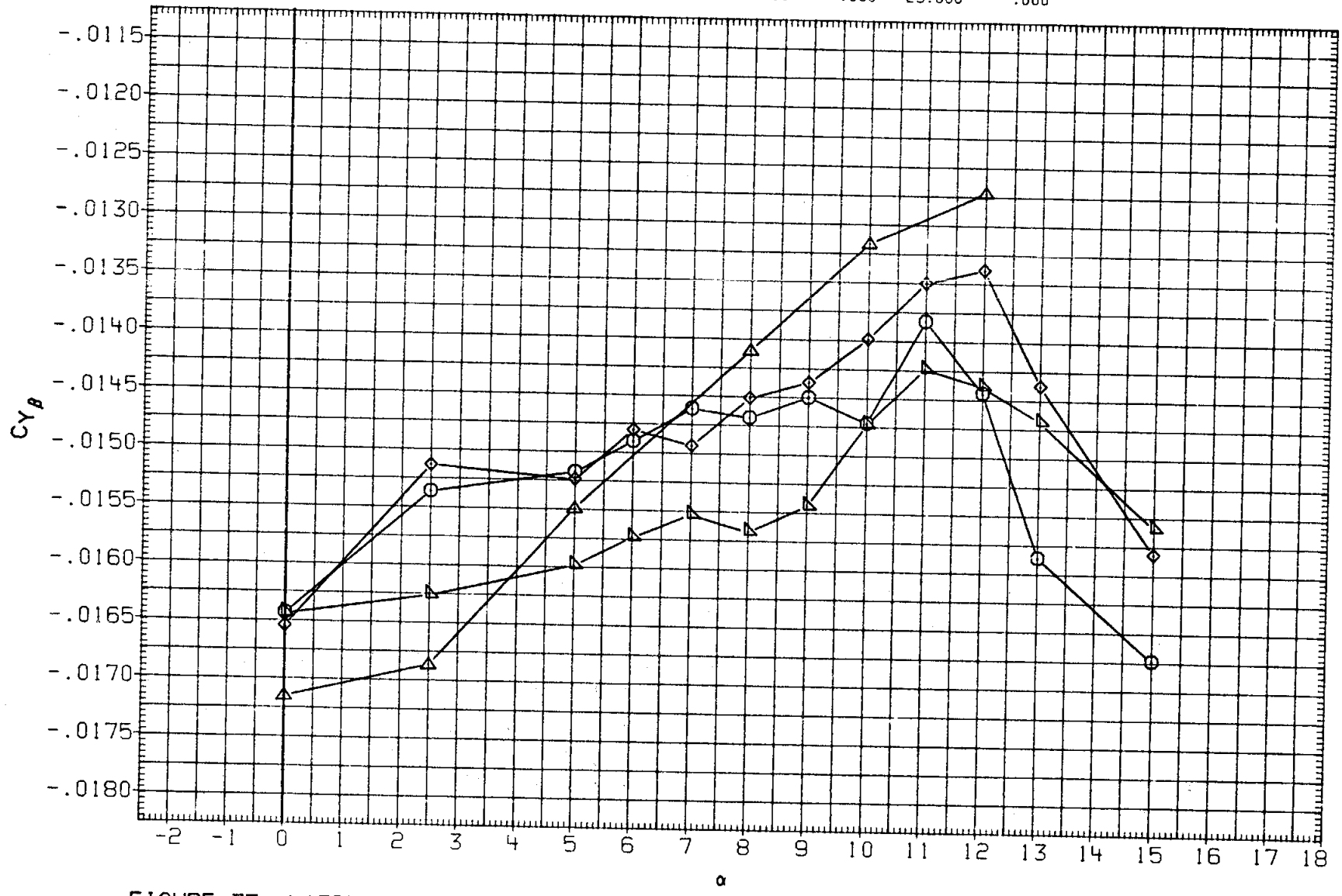


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0022	◺	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	◻	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

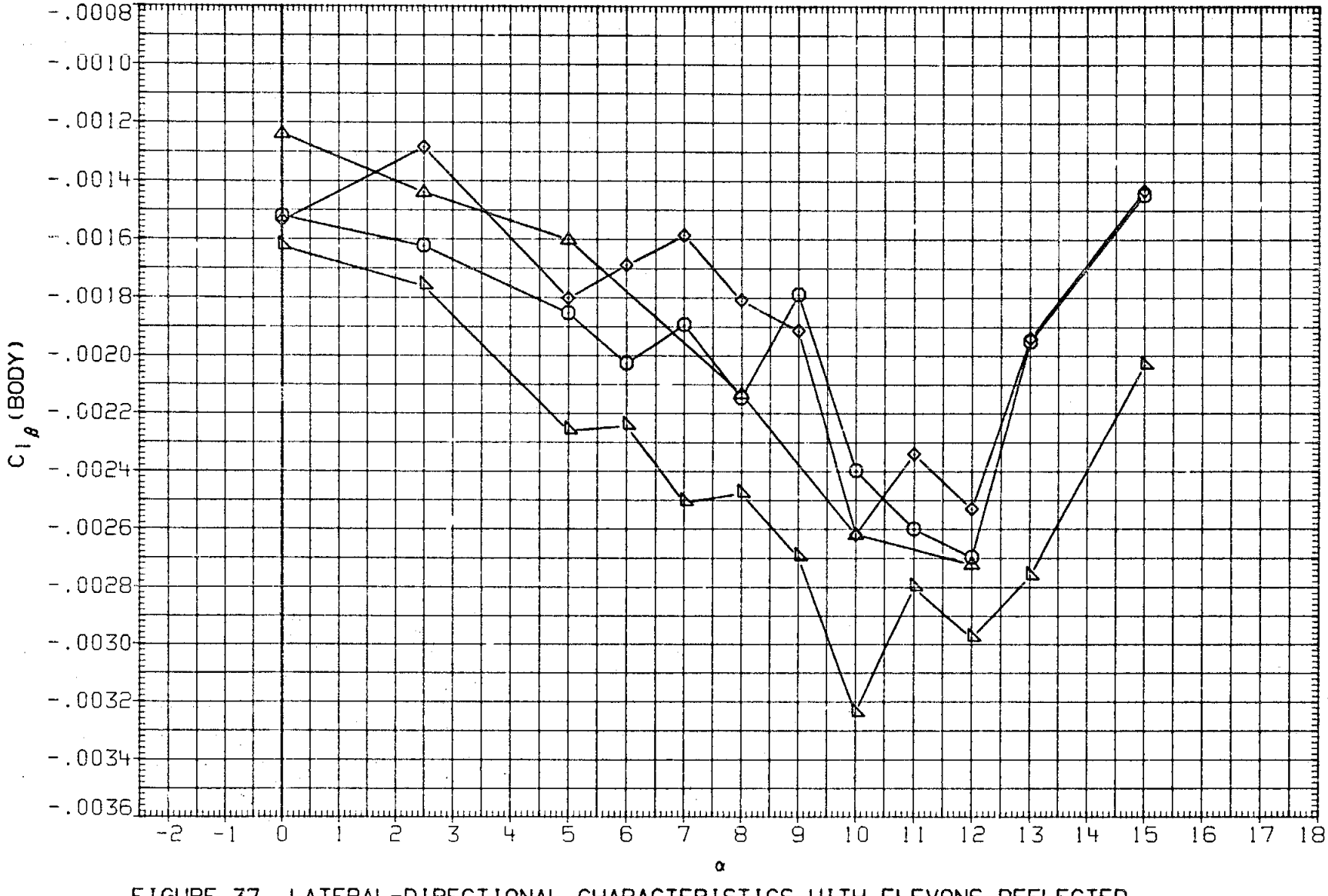


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MKO021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MKO020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MKO022	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

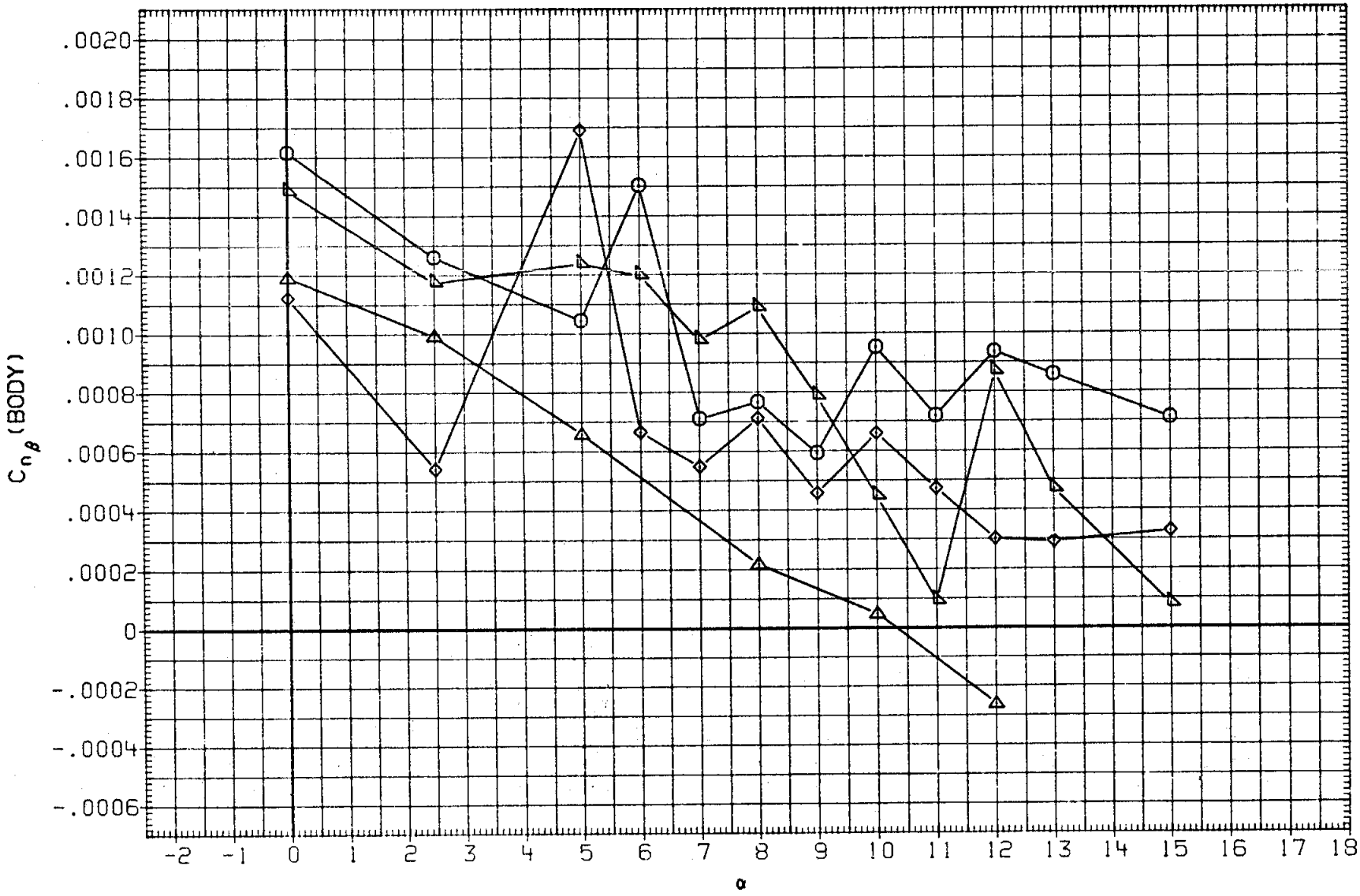


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◁	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

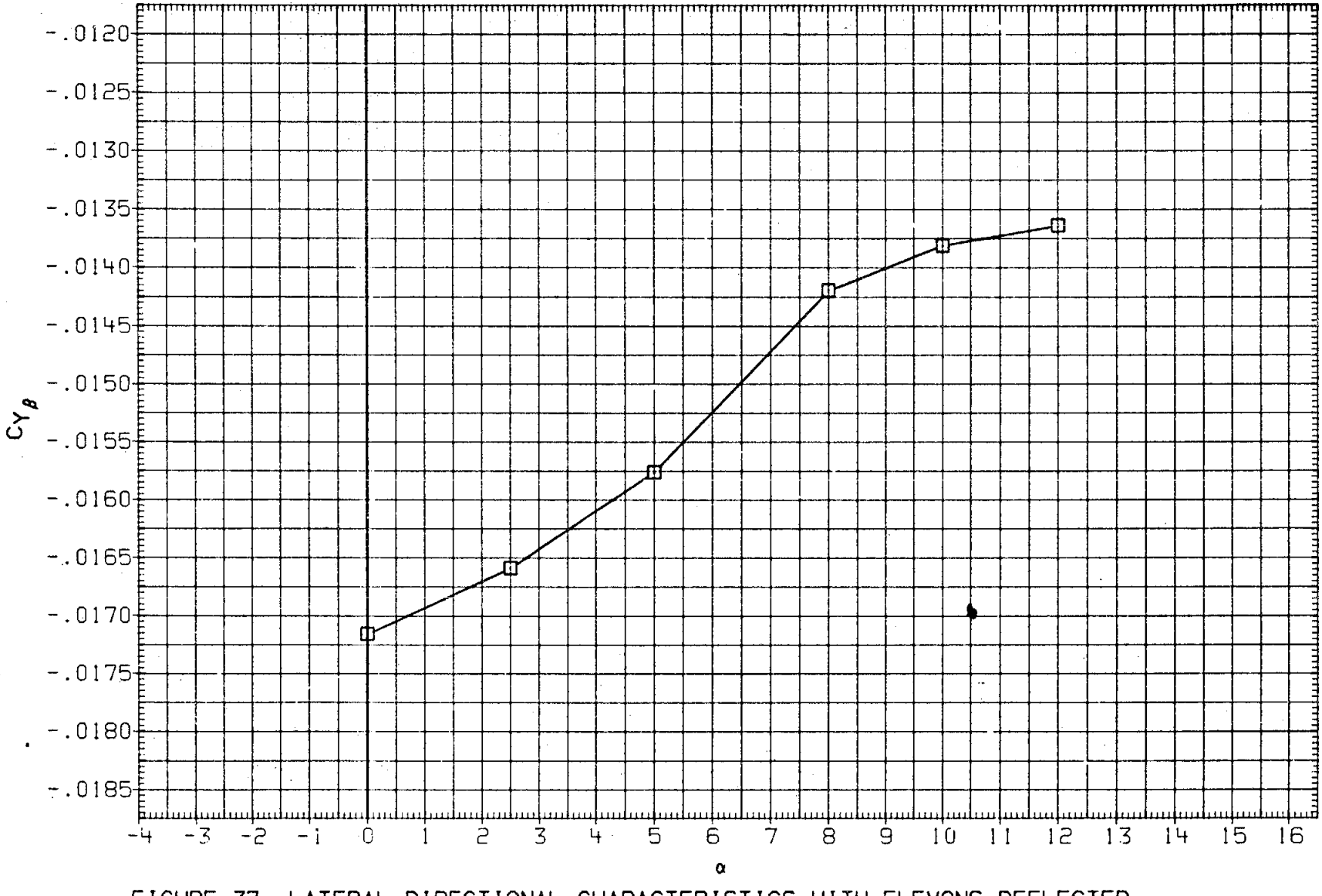


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	▽	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	⌂	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

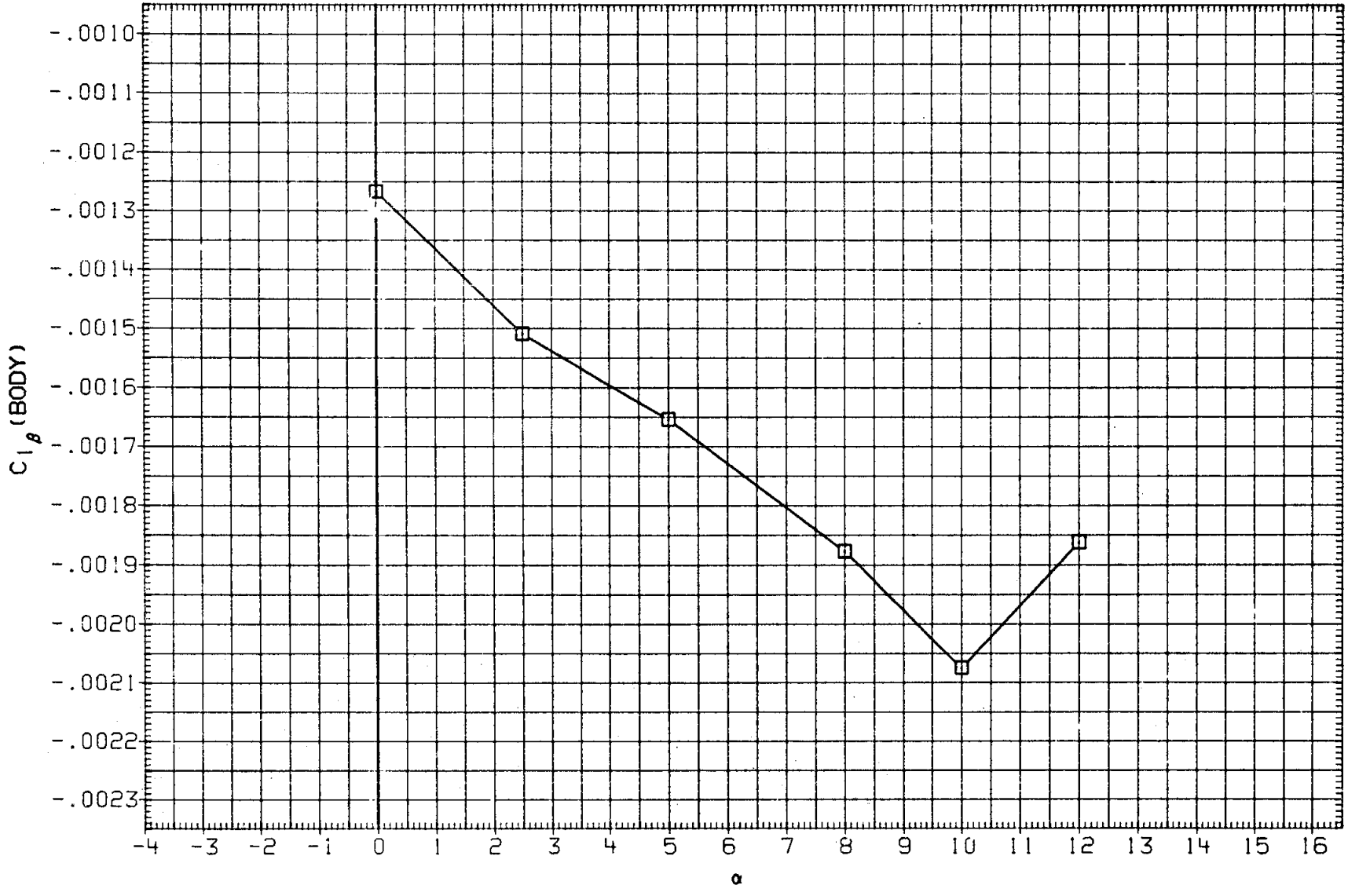


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(I)MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN012	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	2.000	.000	.000	25.000	.000
MK0020	◇	DATA NOT AVAILABLE	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	▷	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▱	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

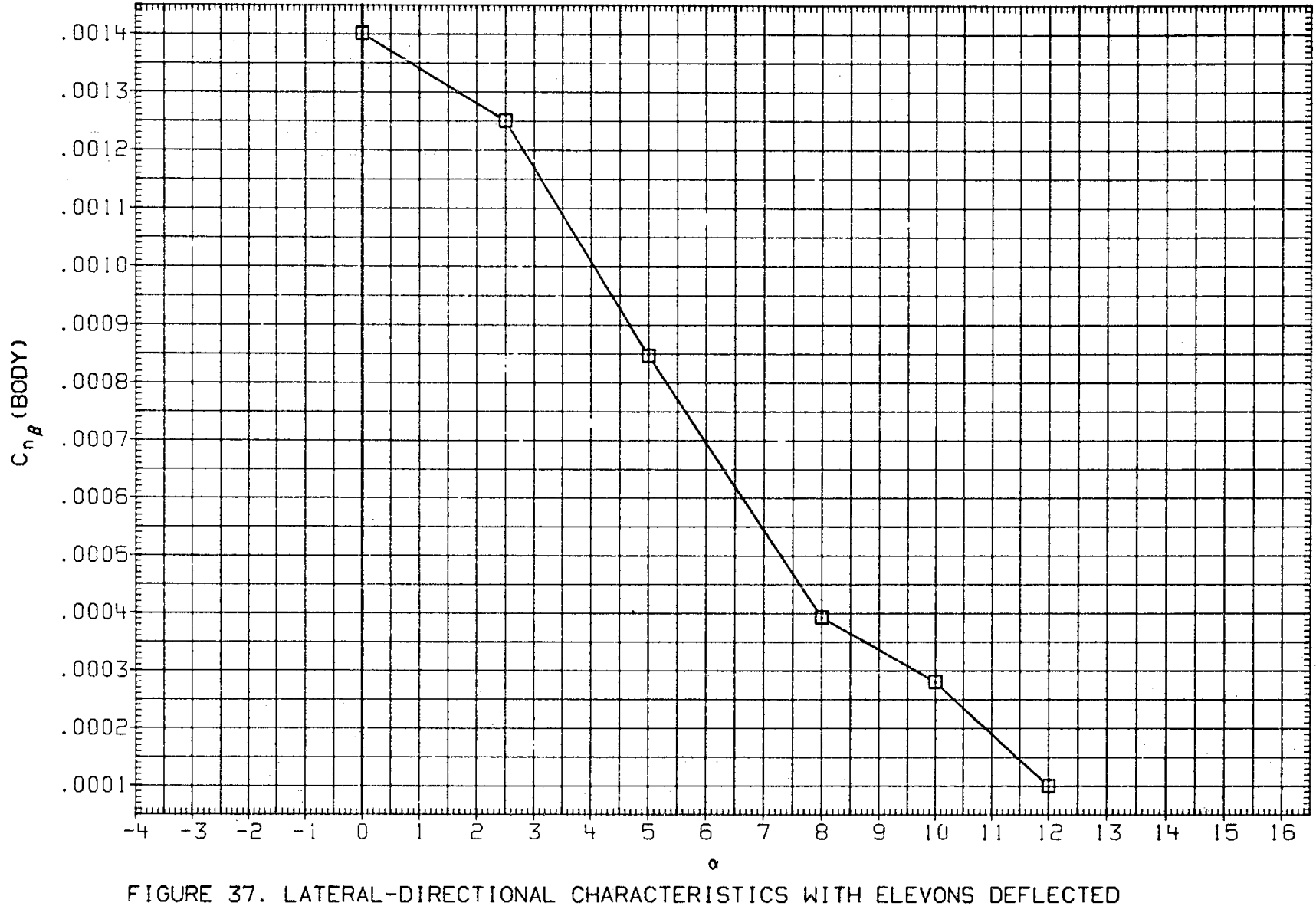


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(I) MACH = 1.25

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B, 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◁	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▱	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

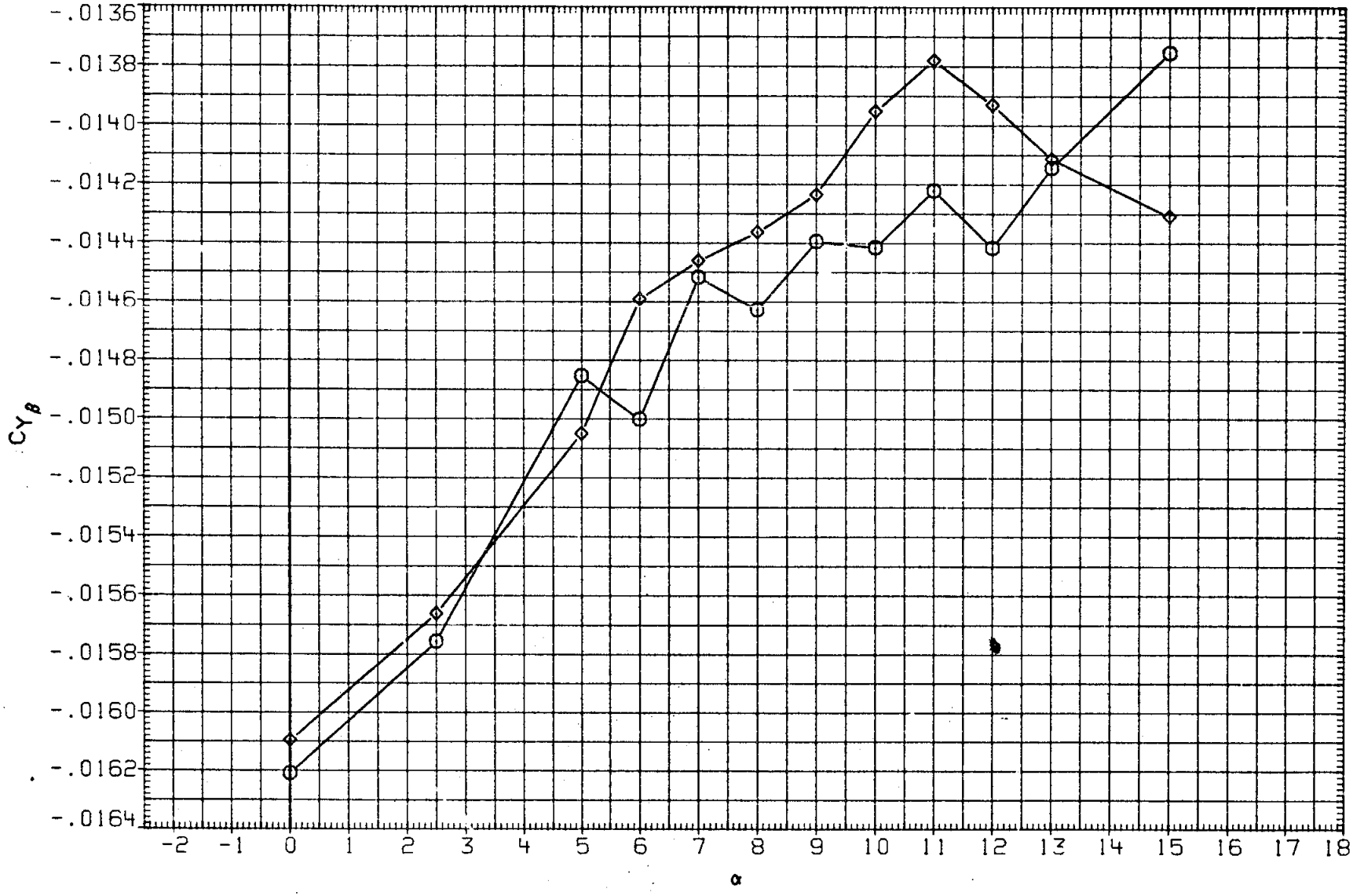


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◁	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	▷	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

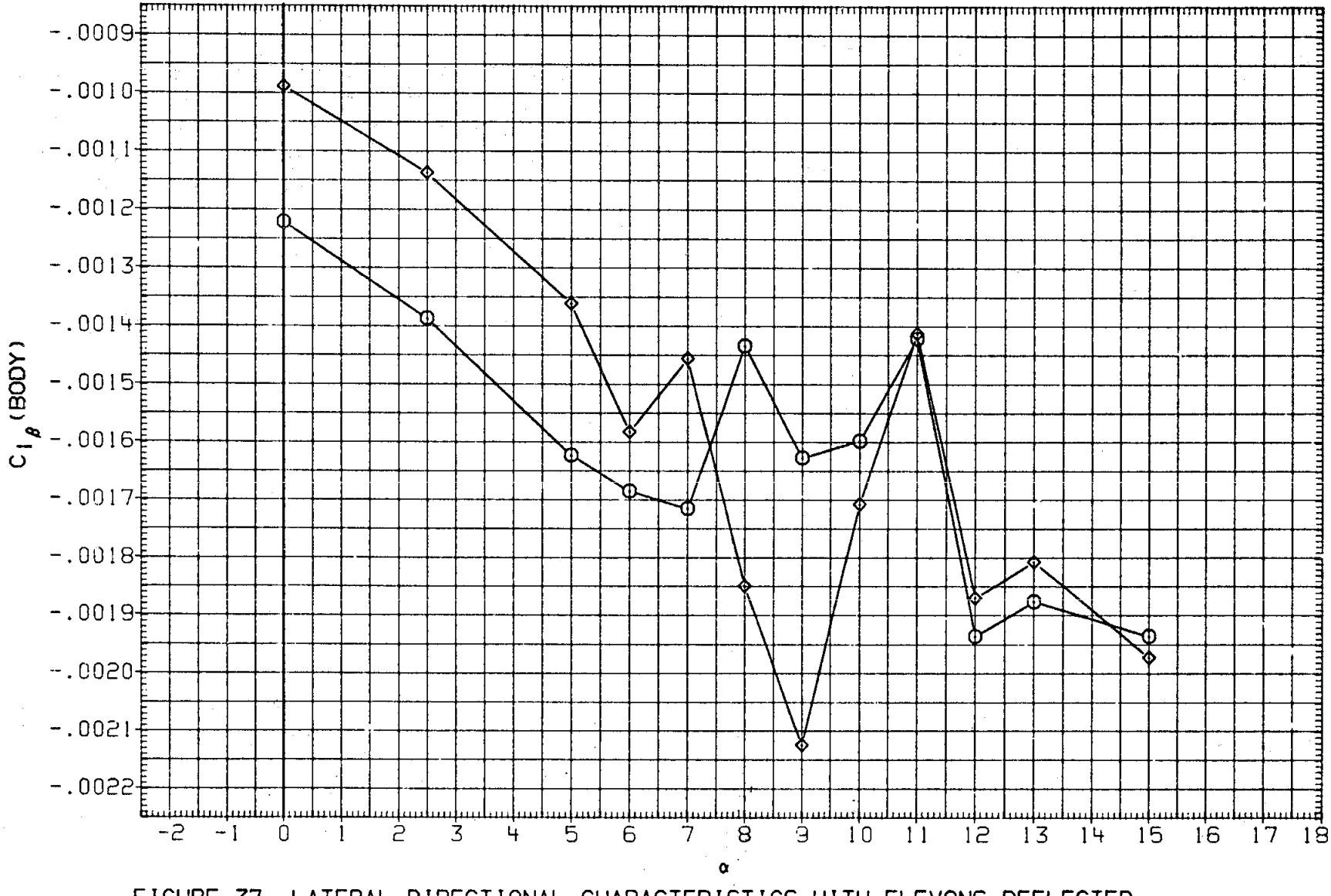


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	DBETA	AILRON	BDFLAP	SPDBRK	RUDDER
MK0021	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN012	□	DATA NOT AVAILABLE	2.000	.000	000	25.000	.000
MK0020	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	2.000	.000	.000	25.500	-.030
MKN013	△	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000
MK0022	◁	DATA NOT AVAILABLE	2.000	-.010	.000	25.500	-.030
MKN014	D	DATA NOT AVAILABLE	2.000	.000	.000	25.000	.000

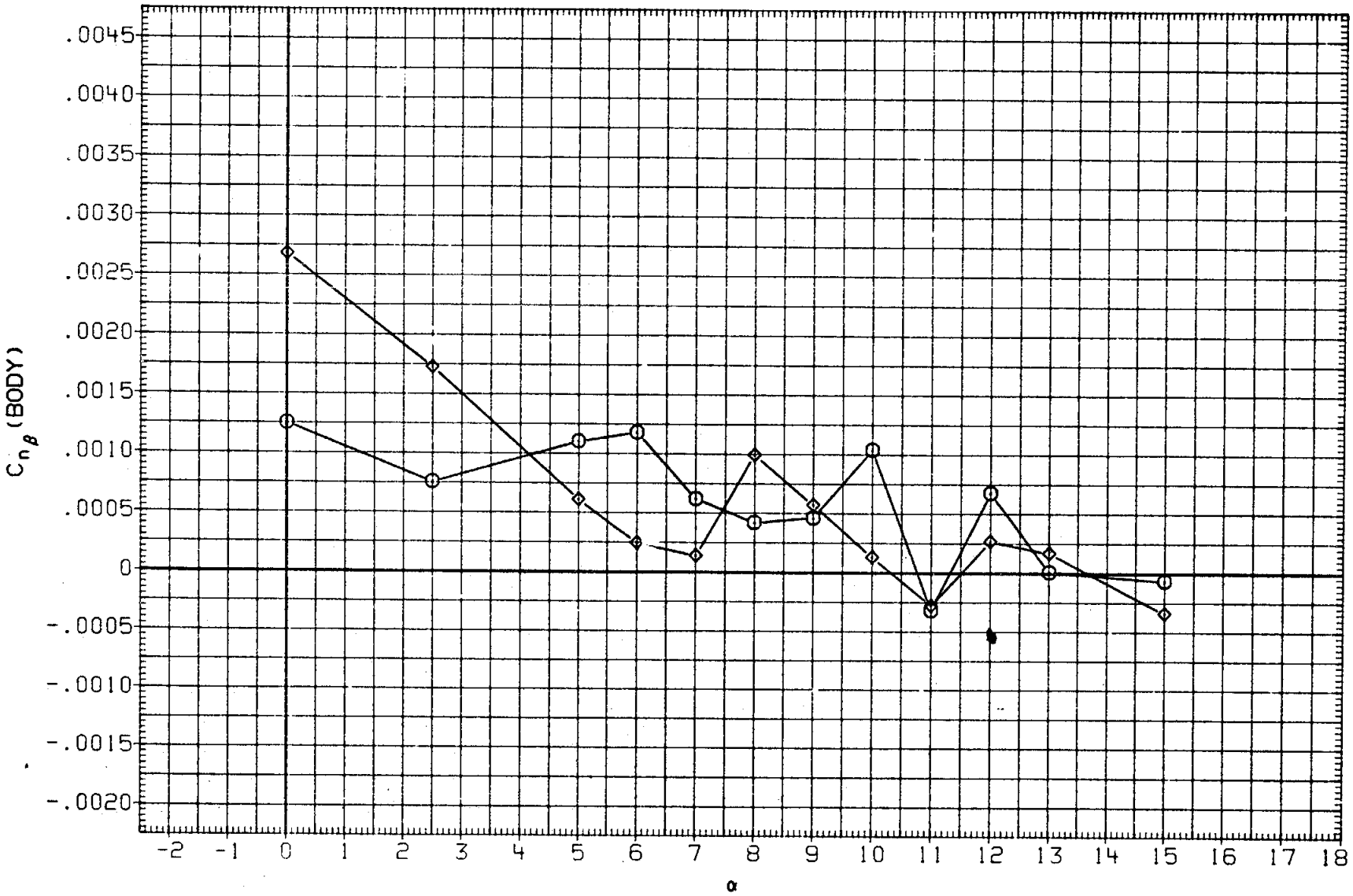


FIGURE 37. LATERAL-DIRECTIONAL CHARACTERISTICS WITH ELEVONS DEFLECTED

(J)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION
IK0031	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
I2F073	□	AMES 118-1-11 0A145A 01
IK0027	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.
I2F018	△	AMES 118-1-11 0A145A 01
IK0032	▷	LARC 16FT TWT 325(0A270B) 105-0 ORB.
I2F0A1	▷	AMES 118-1-11 0A145A 01

ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
5.000	.000	.000	.000	.000	.000	90.000
5.000	.000	.000	.000	.000	.000	
5.000	.000	.000	.000	25.500	-.030	90.000
5.000	.000	.000	.000	25.000	.000	
5.000	.000	.000	.000	55.570	.060	90.000
5.000	.000	.000	.000	55.000	.000	

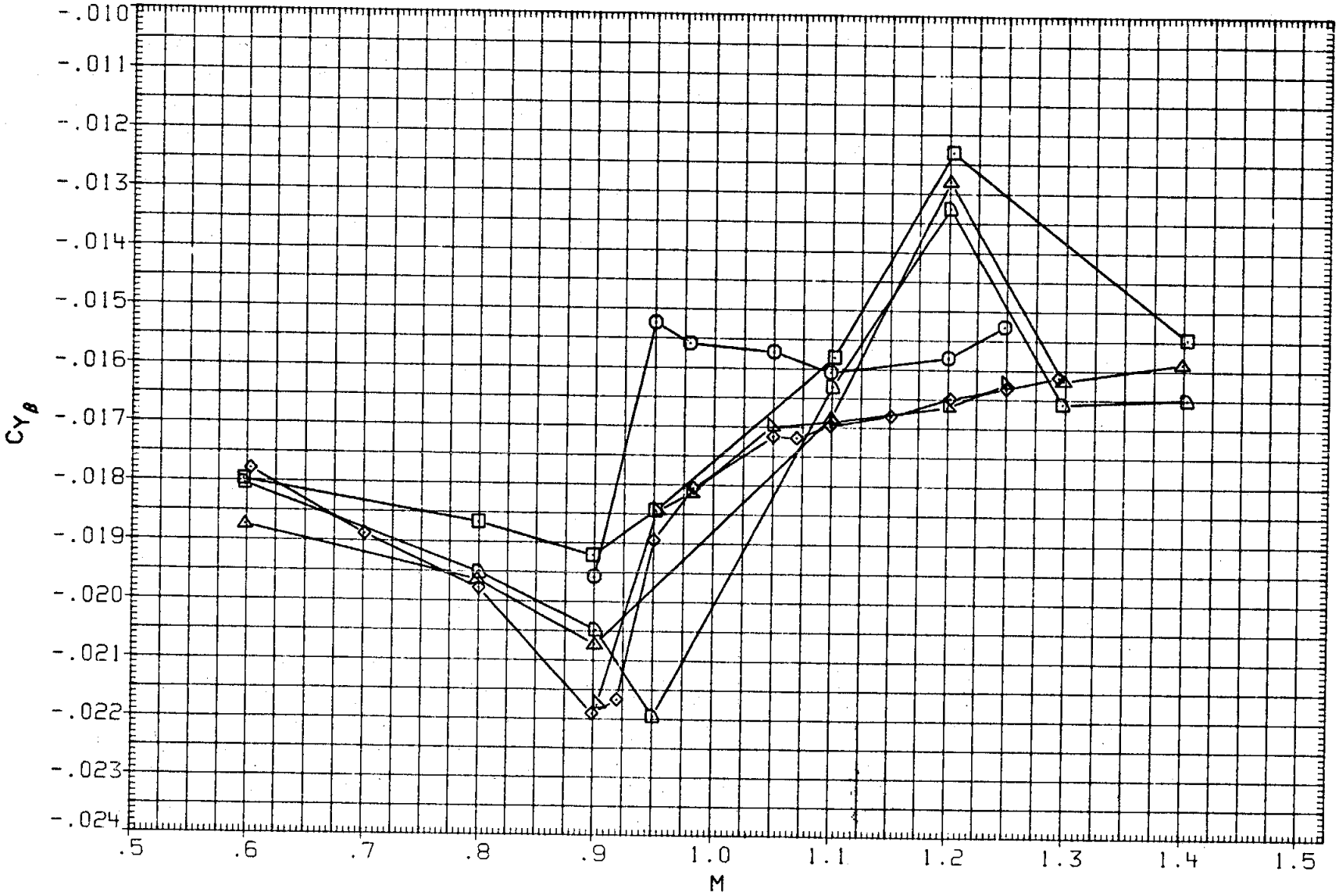


FIGURE 38. LATERAL-DIRECTIONAL CHARACTERISTICS FOR VARIOUS SPEED BRAKE SETTINGS

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
1K0031	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	.000	.000	90.000
12F073	□	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	.000	.000	
1K0027	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	25.500	-.030	90.000
12F018	△	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	25.000	.000	
1K0032	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	55.570	.060	90.000
12F0A1	⬠	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	55.000	.000	

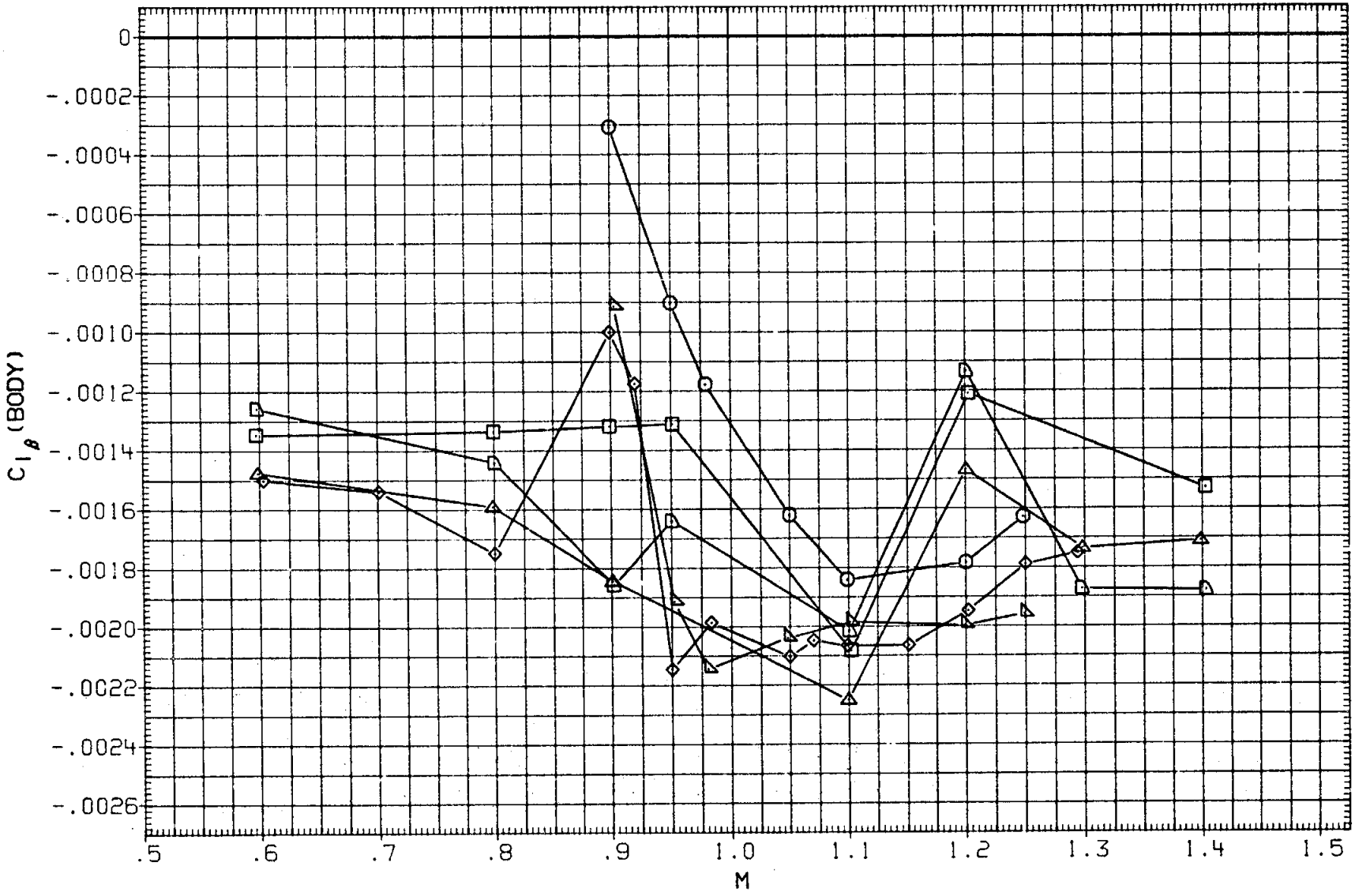


FIGURE 38. LATERAL-DIRECTIONAL CHARACTERISTICS FOR VARIOUS SPEED BRAKE SETTINGS

DATA SET	SYMBOL	CONFIGURATION	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	PHI
IKO031	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	.000	.000	90.000
I2F073	□	AMES 11'8-1-11 0A145A 01	5.000	.000	.000	.000	.000	.000	
IKO027	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	25.500	-.030	90.000
I2F018	△	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	25 000	.000	
IKO032	◁	LARC 16FT TWT 325(0A270B) 105-0 ORB.	5.000	.000	.000	.000	55.570	.060	90.000
I2F0A1	▷	AMES 118-1-11 0A145A 01	5.000	.000	.000	.000	55.000	.000	

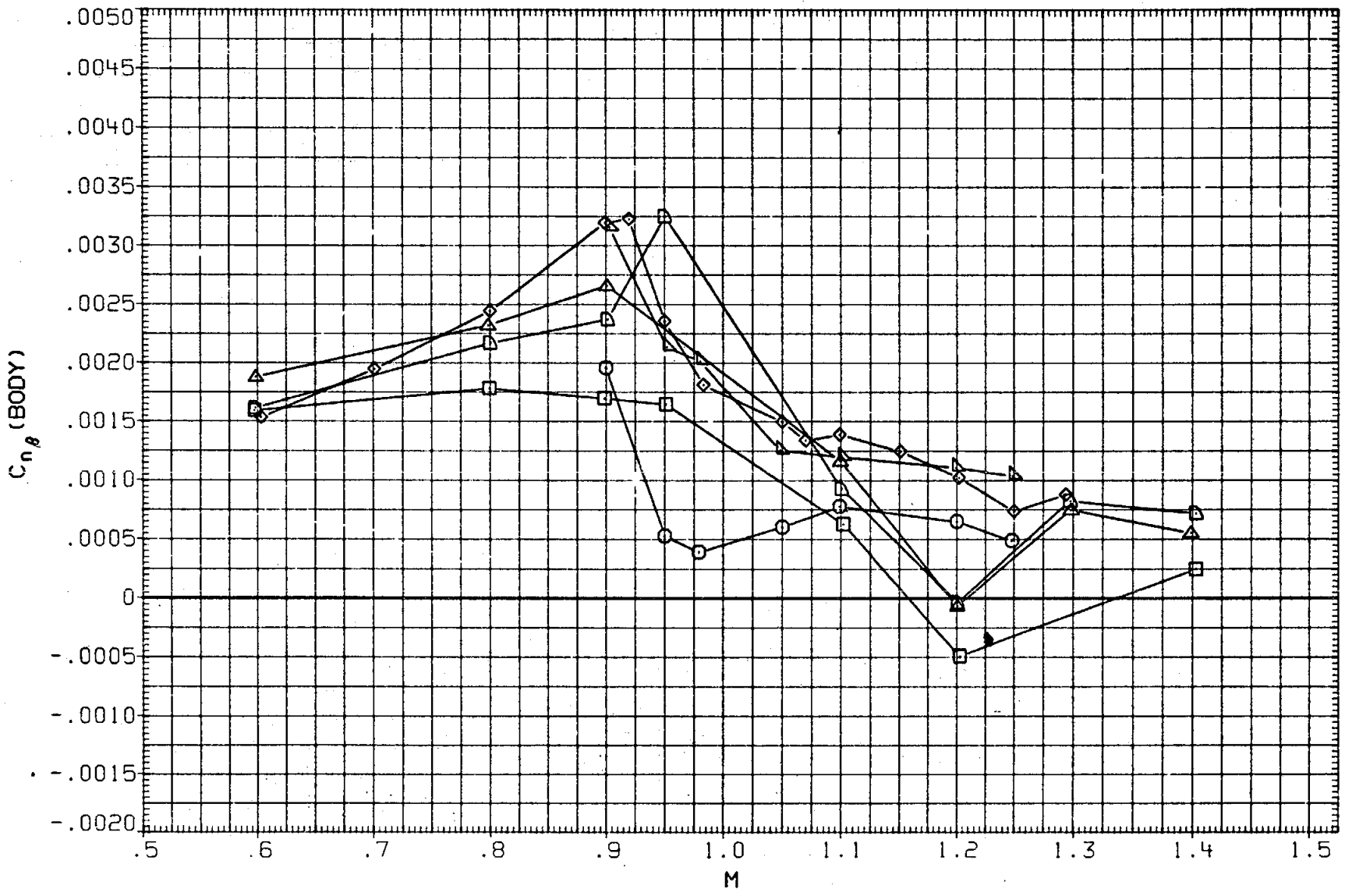


FIGURE 38. LATERAL-DIRECTIONAL CHARACTERISTICS FOR VARIOUS SPEED BRAKE SETTINGS

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER	PHI
1KN038	○	LARC 16FT TWT 326(0A270A) 39-0 ORB.	5.000	.000	.000	.000	25.000	.000	.000
12F049	□	AMES 118-1-11 0A145A 01(+T0-)	5.000	.000	.000	.000	25.000	.000	

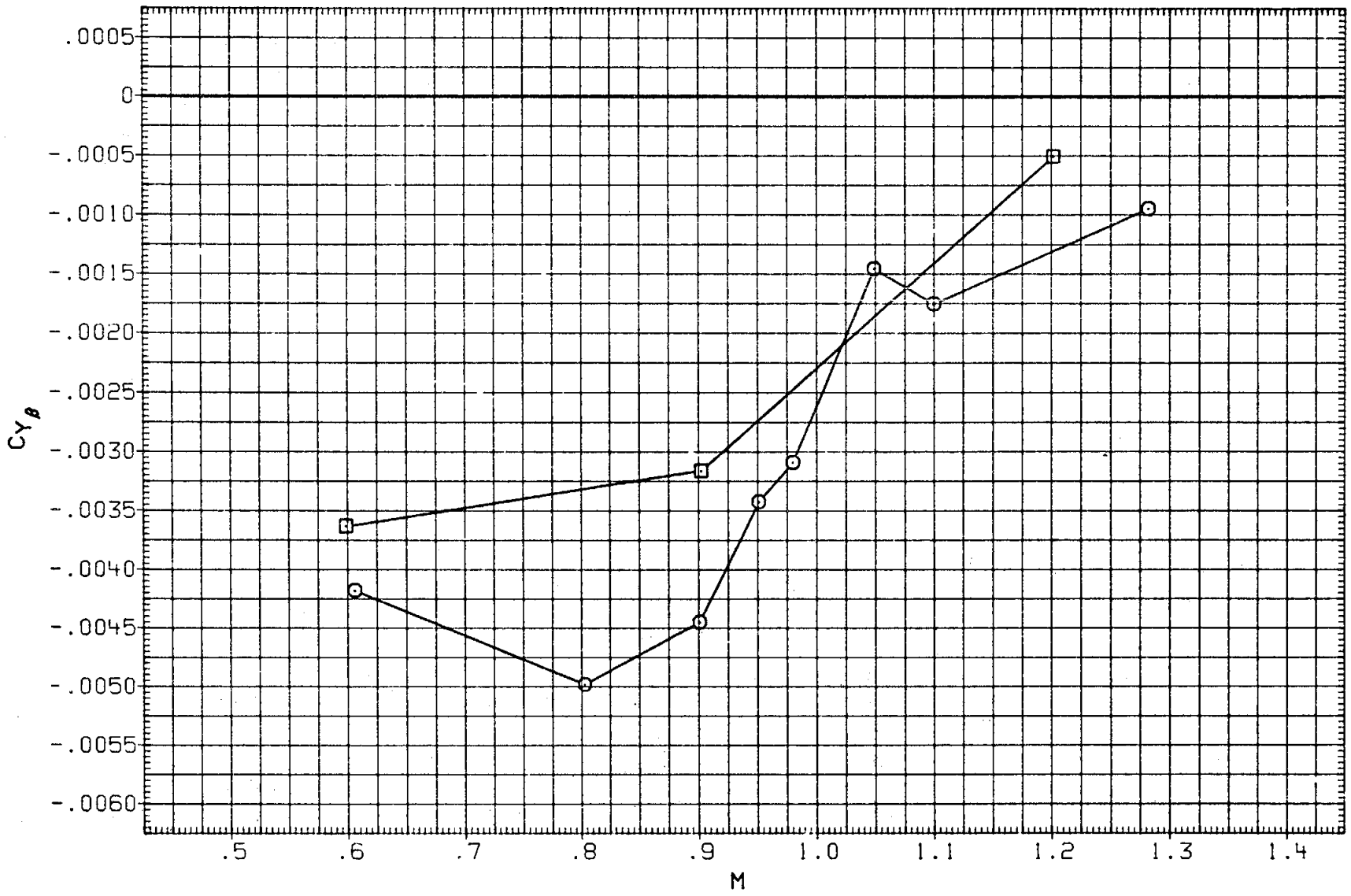


FIGURE 39. AILERON EFFECT, ALPHA = 5 DEG.

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER	PHI
IKN038	○	LARC 16FT TWT 326(0A270A) 39-0 ORB.	5.000	.000	.000	.000	25.000	.000	.000
I2F049	□	AMES 118-1-11 0A145A 01(+TO-)	5.000	.000	.000	.000	25.000	.000	

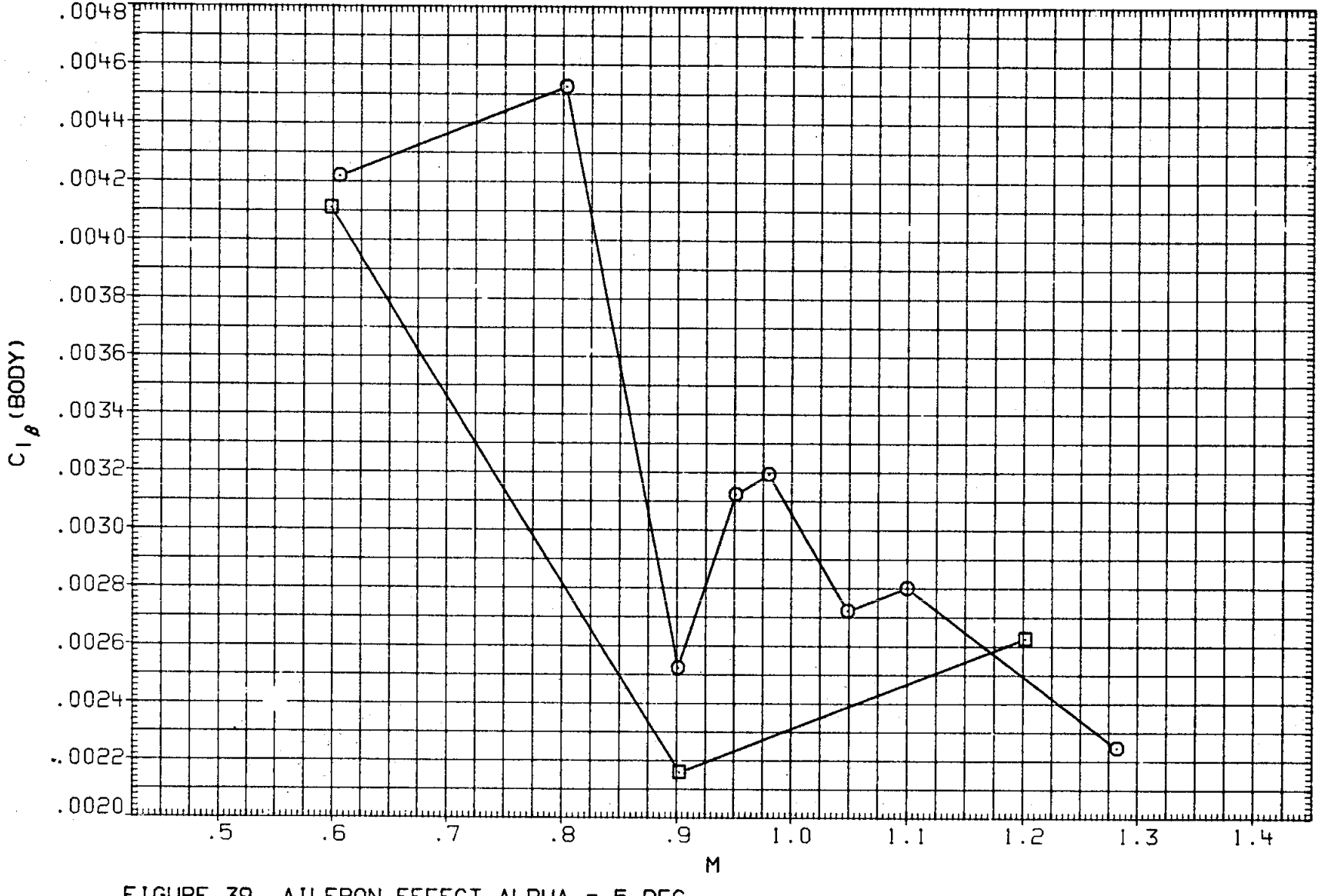


FIGURE 39. AILERON EFFECT, ALPHA = 5 DEG.

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER	PHI
1KN038	○	LARC 16FT TWT 326(0A270A) 39-0 ORB.	5.000	.000	.000	.000	25.000	.000	.000
12F049	□	AMES 118-1-11 0A145A 01(+TO-)	5.000	.000	.000	.000	25.000	.000	

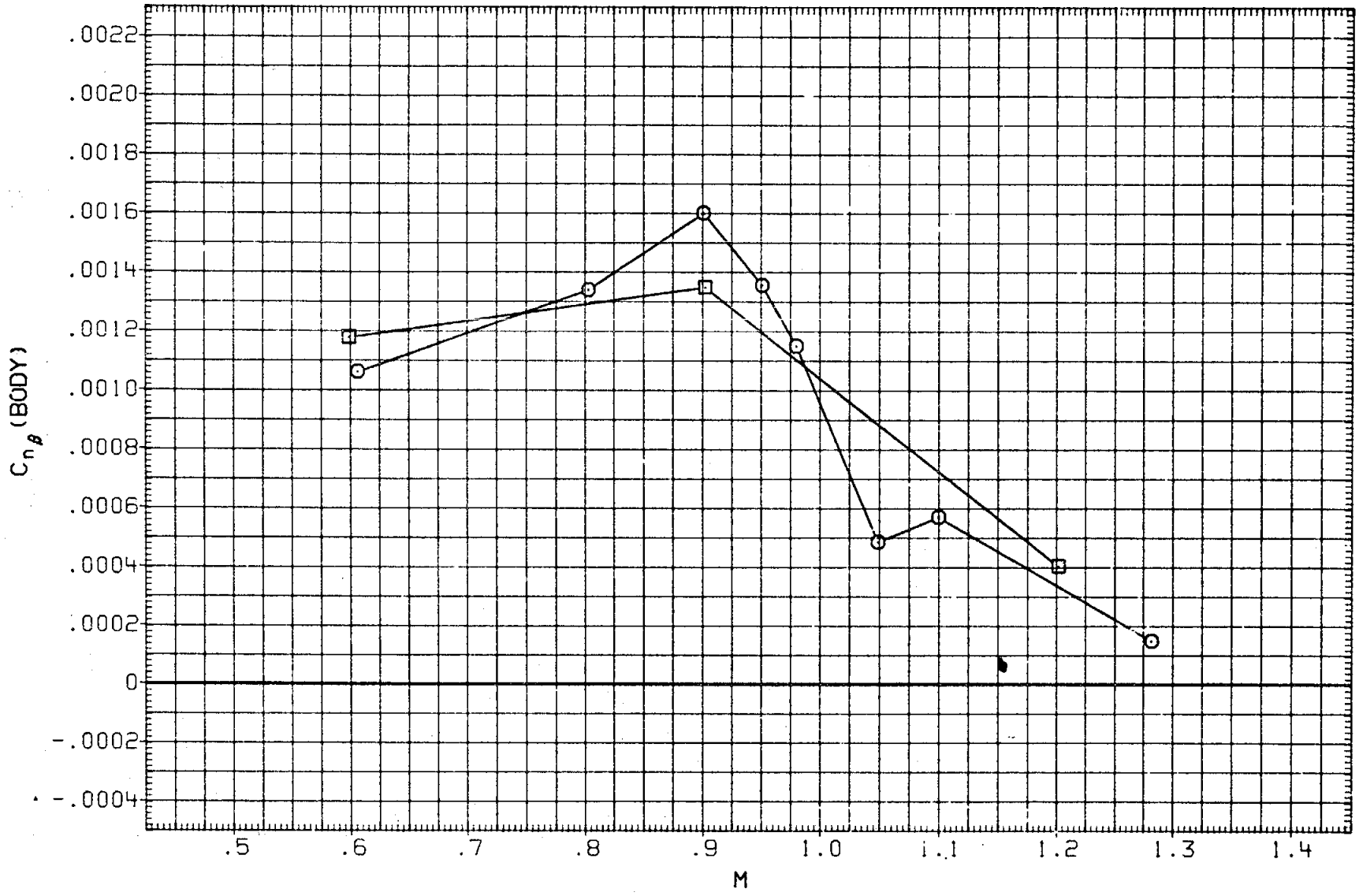


FIGURE 39. AILERON EFFECT, ALPHA = 5 DEG.

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

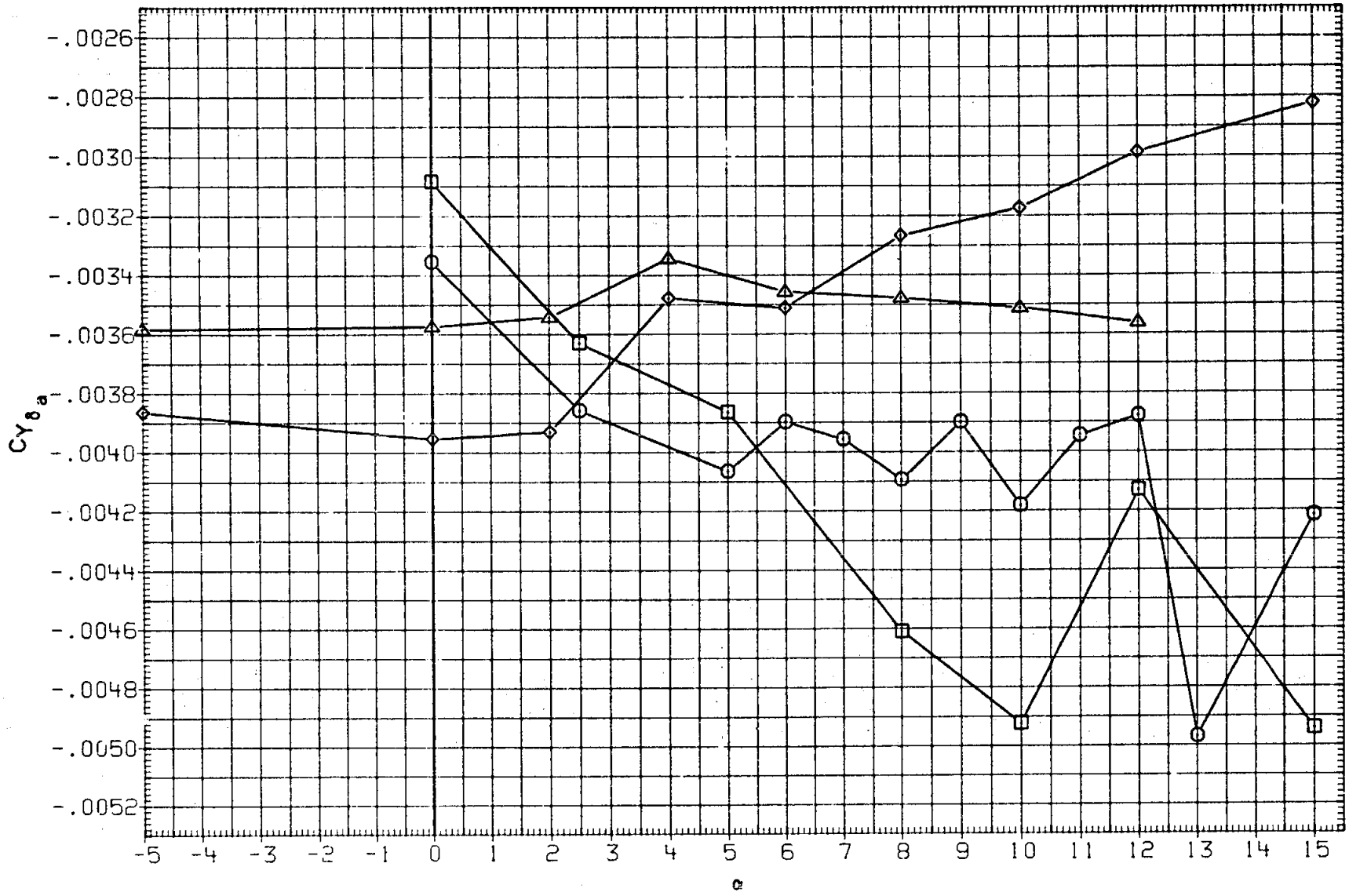


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

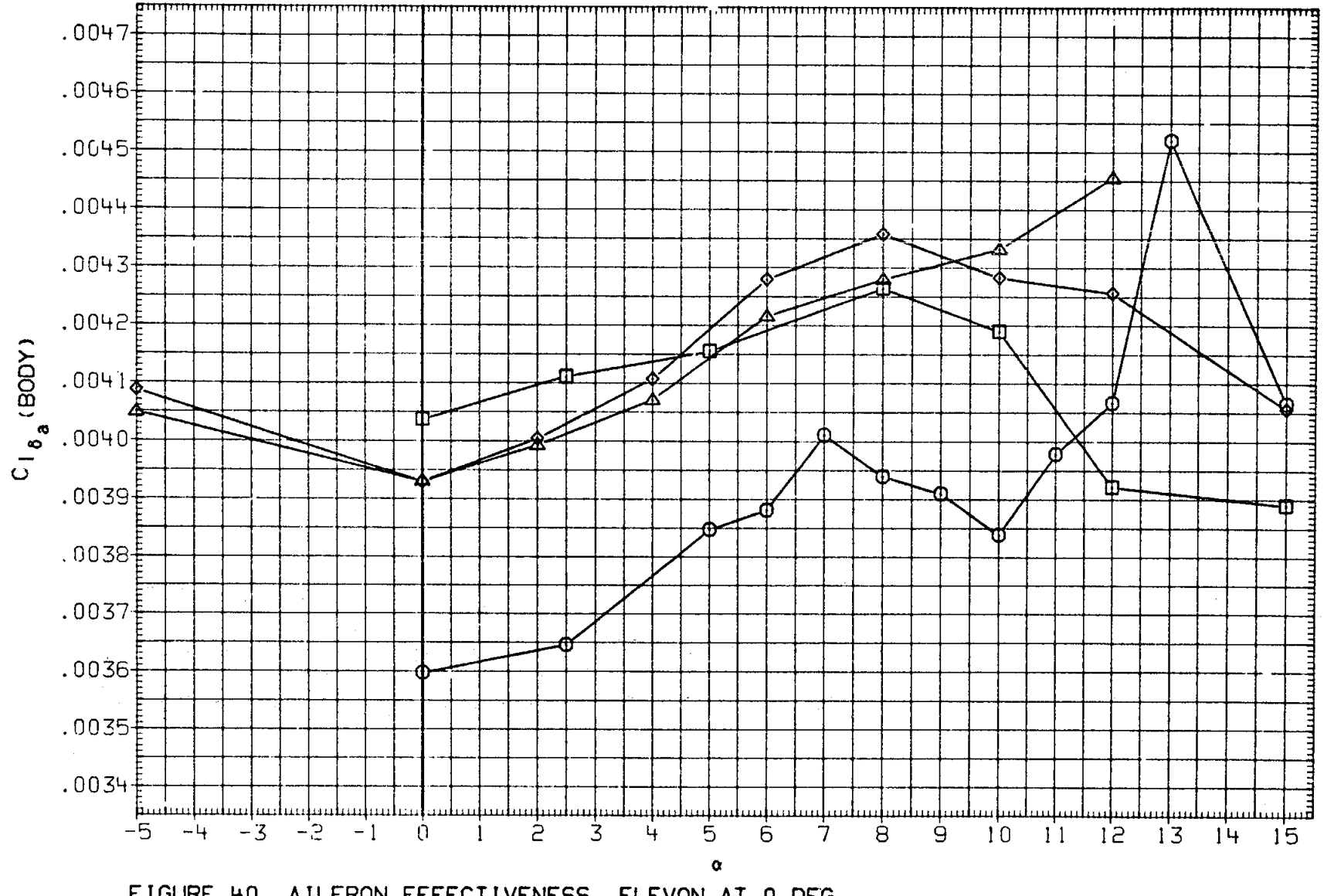


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

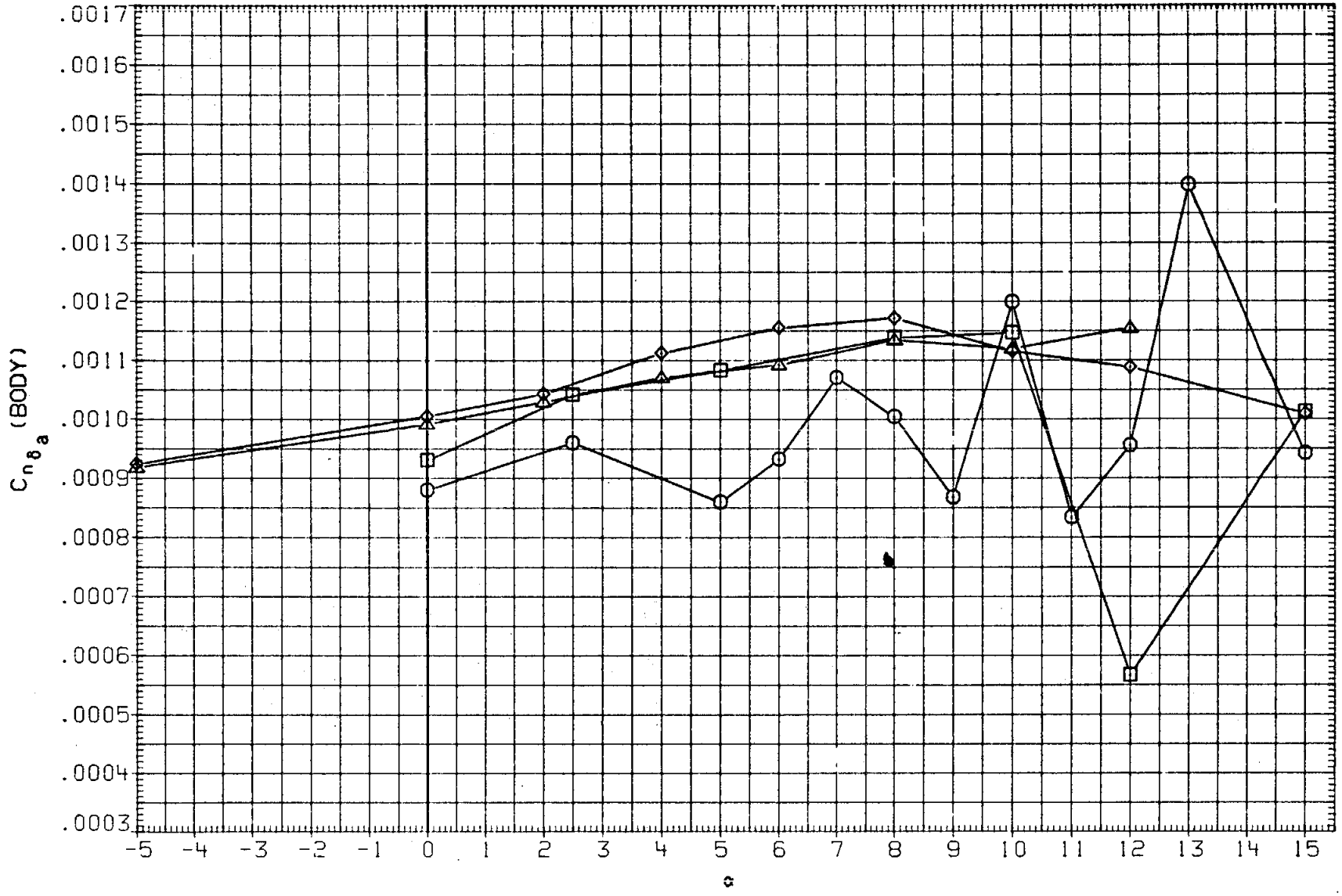


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

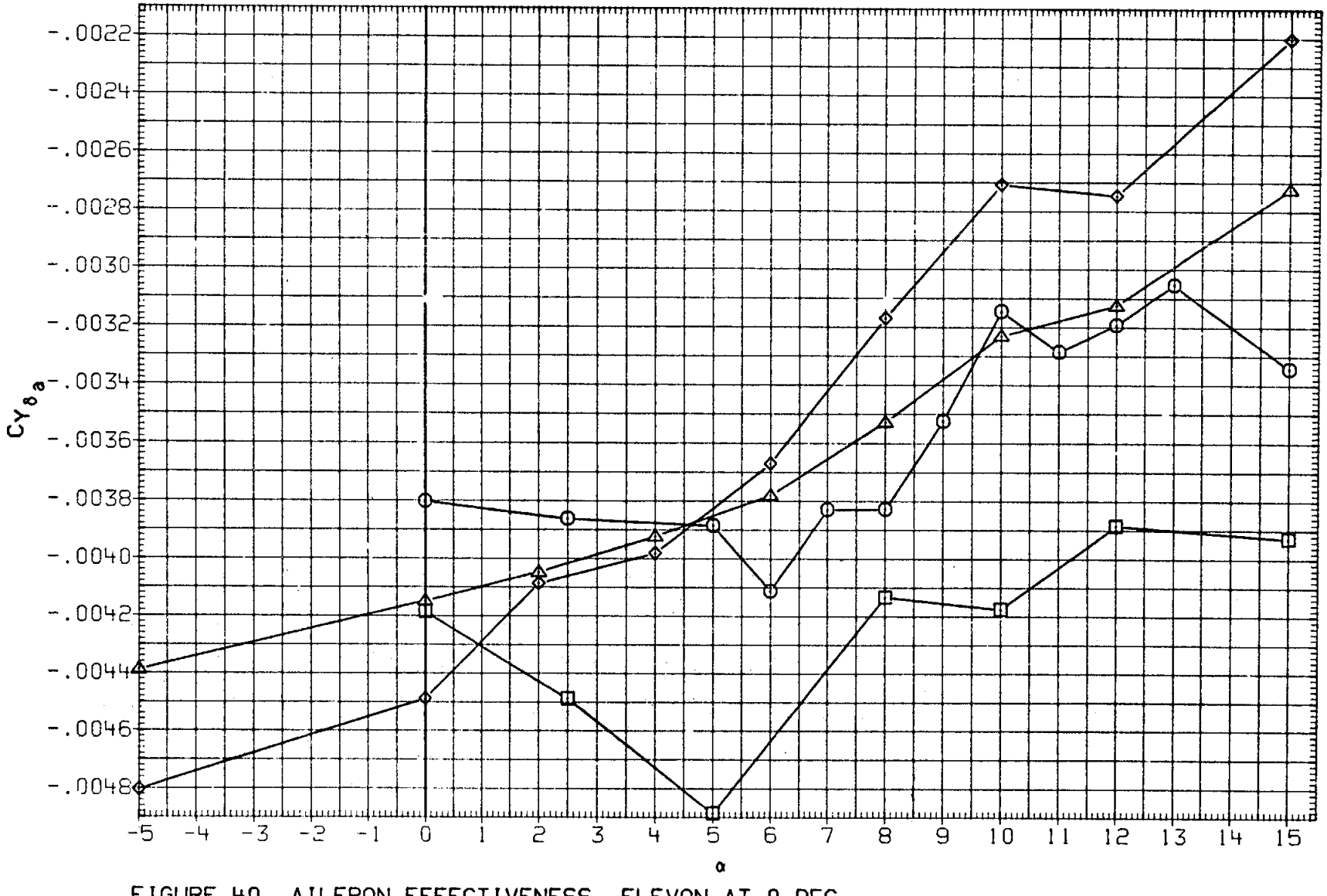


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

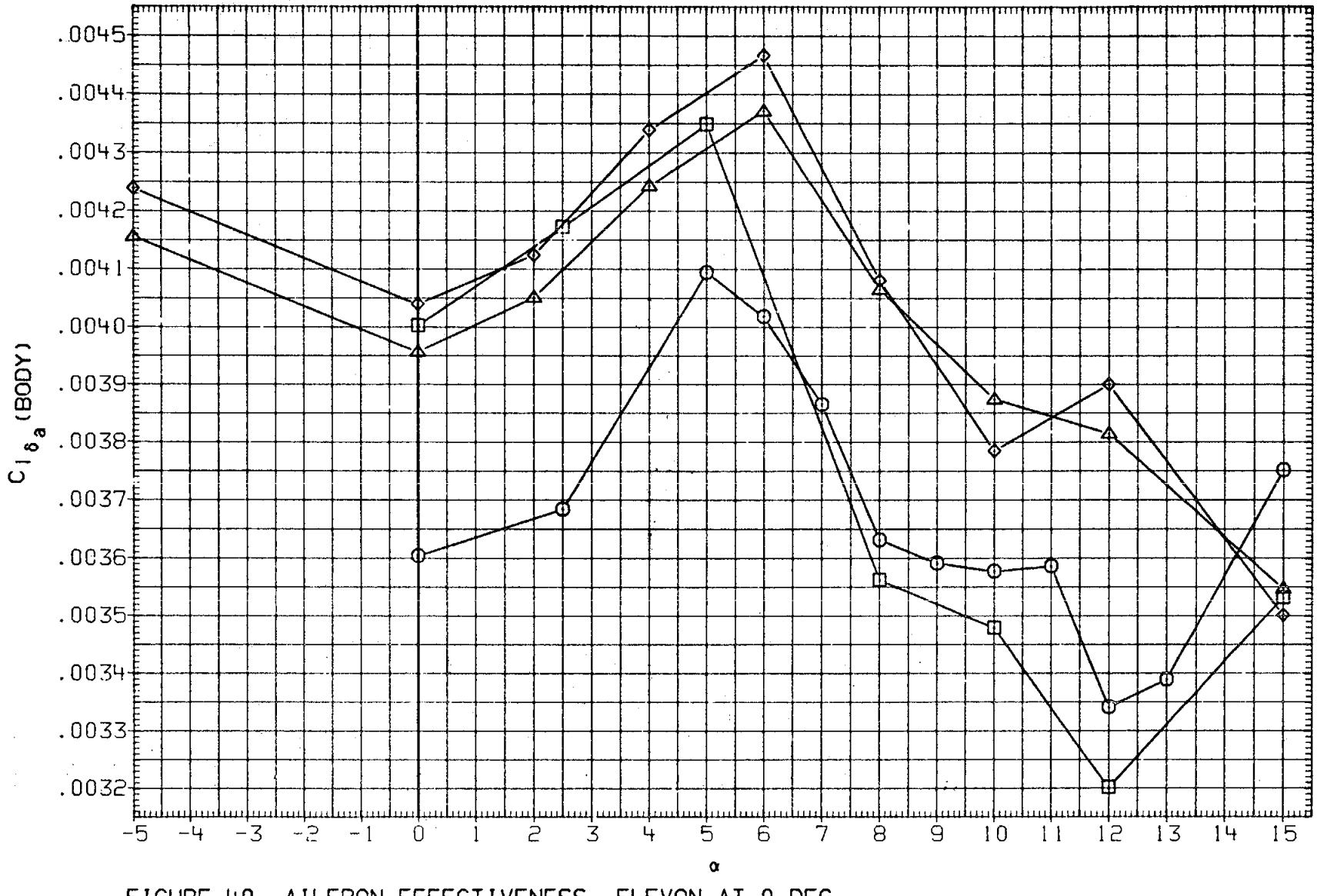


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

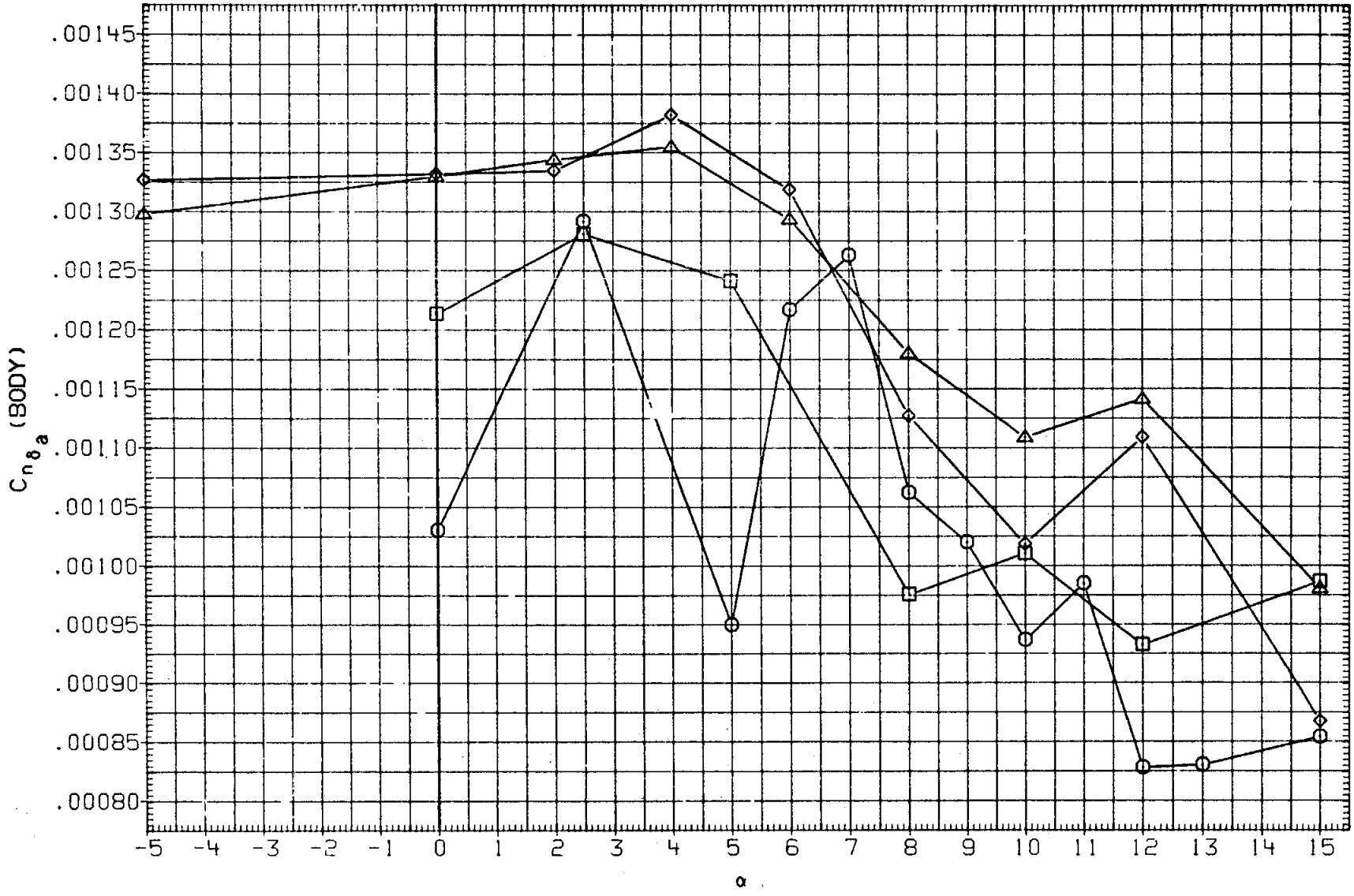


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

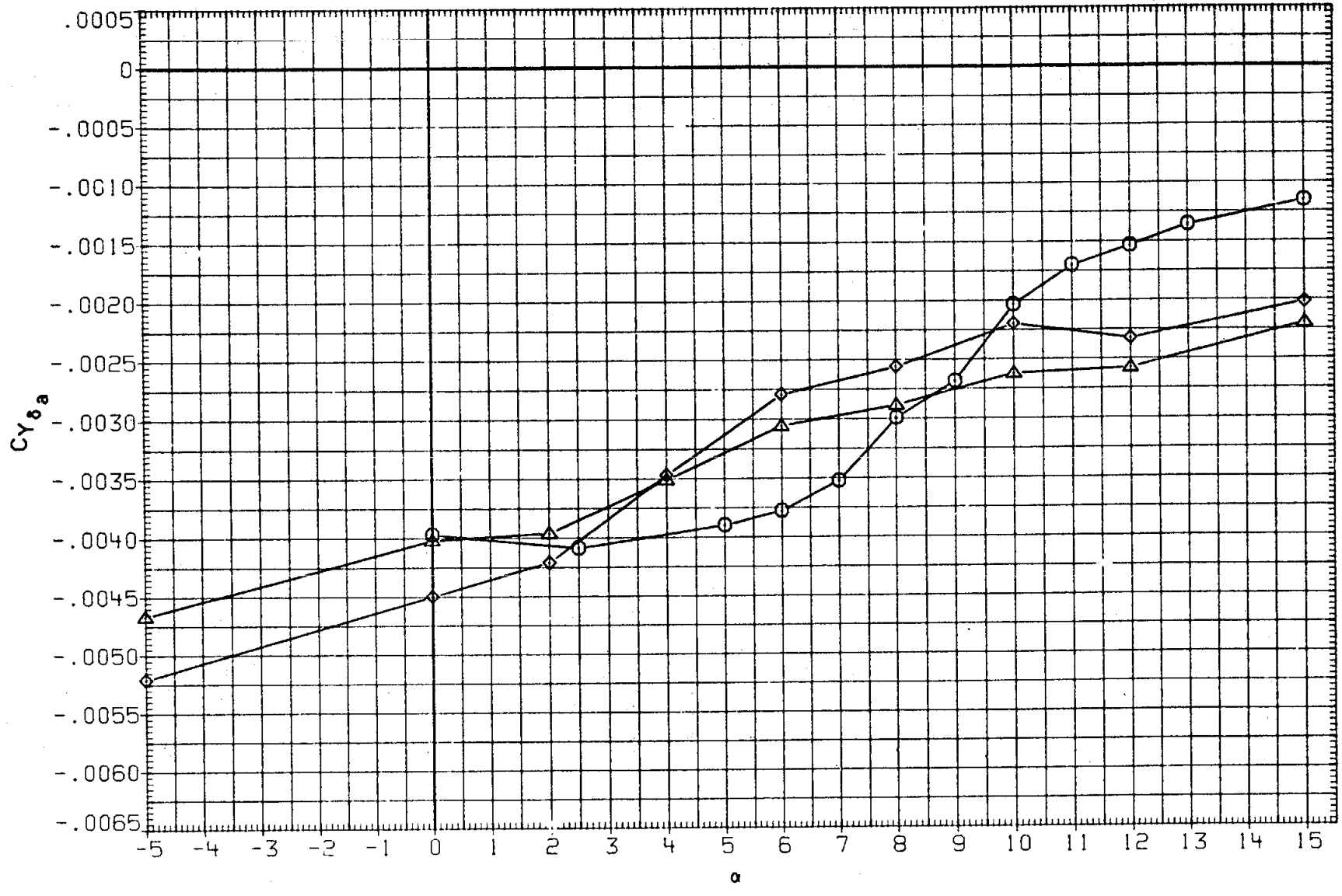


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

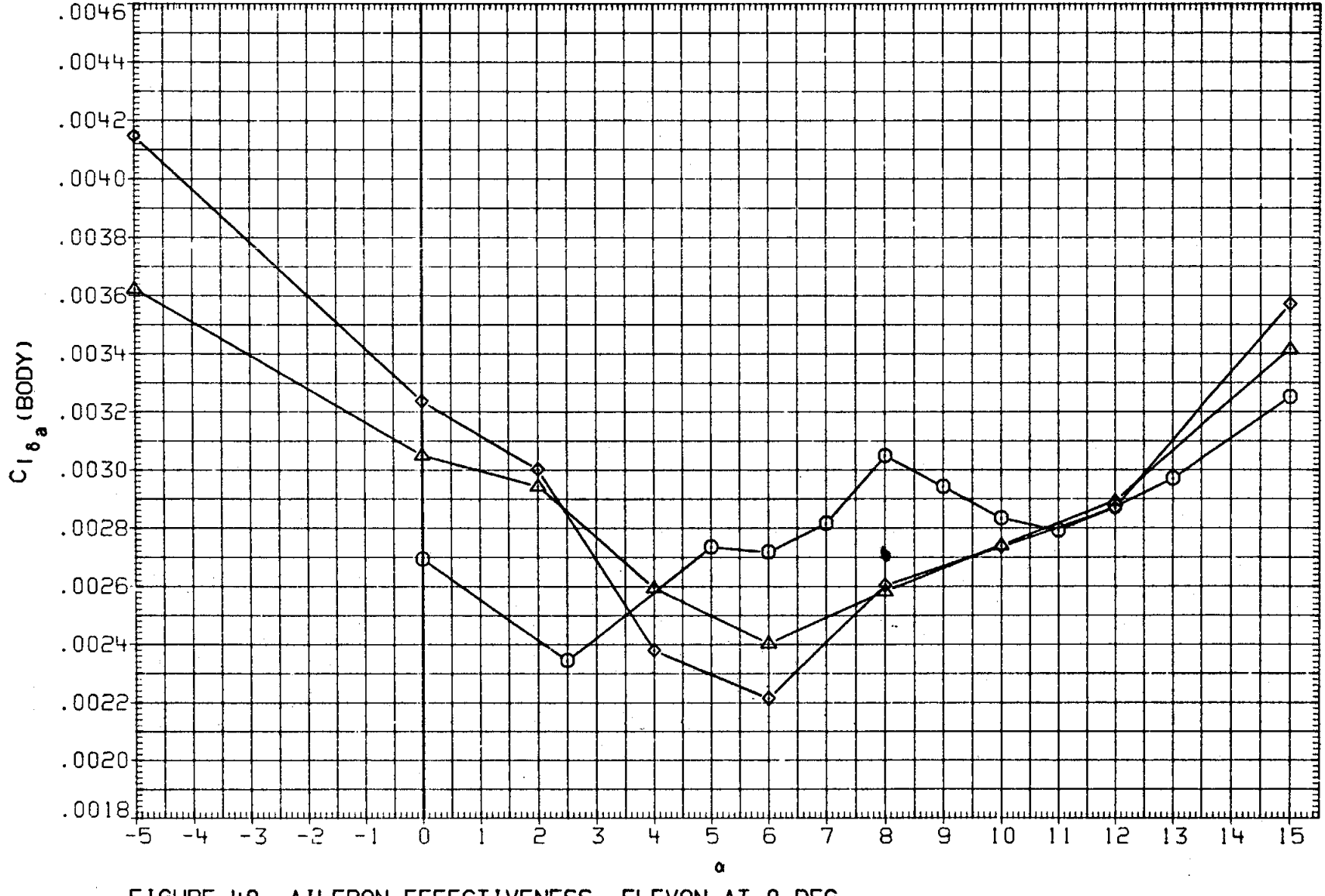


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

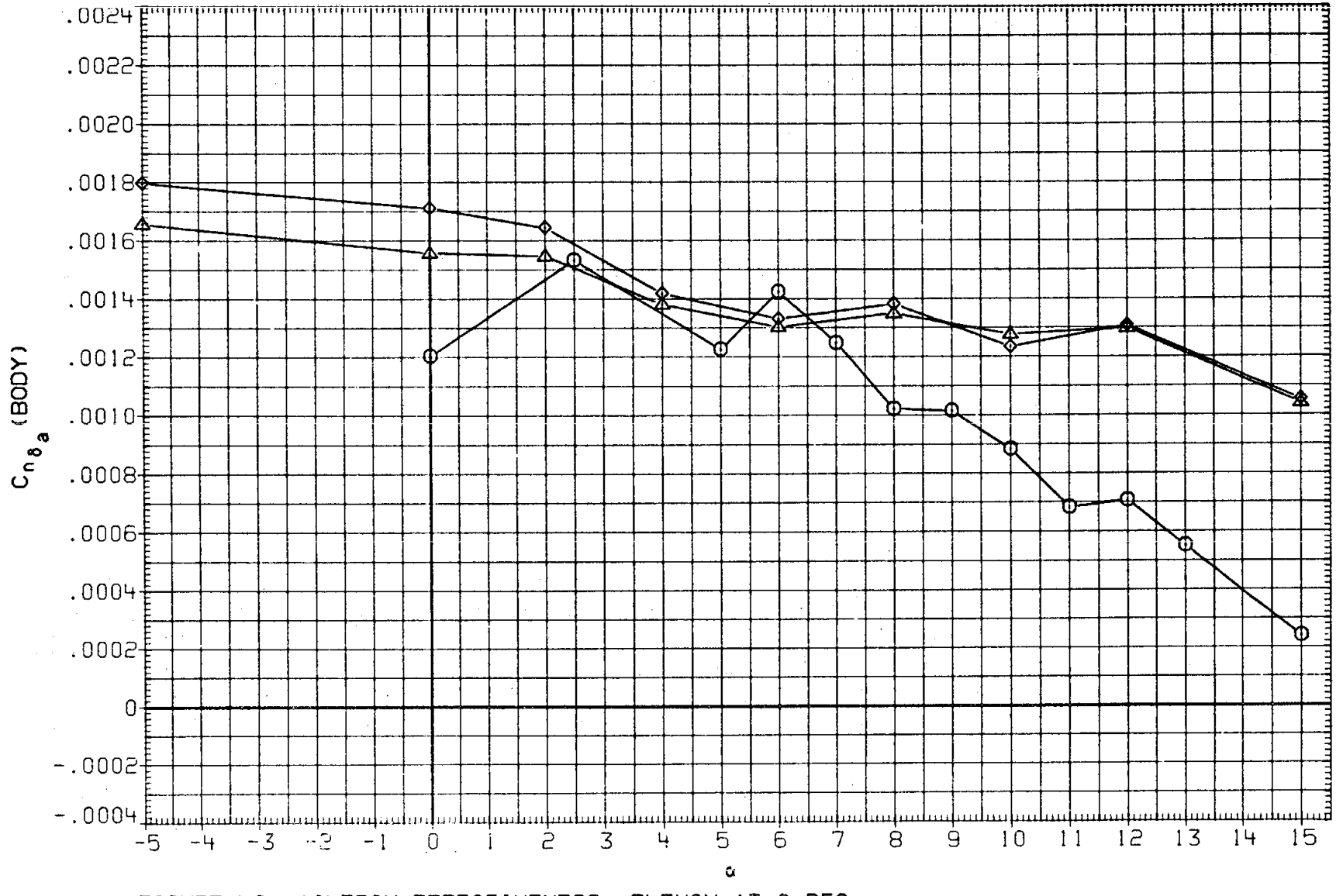


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

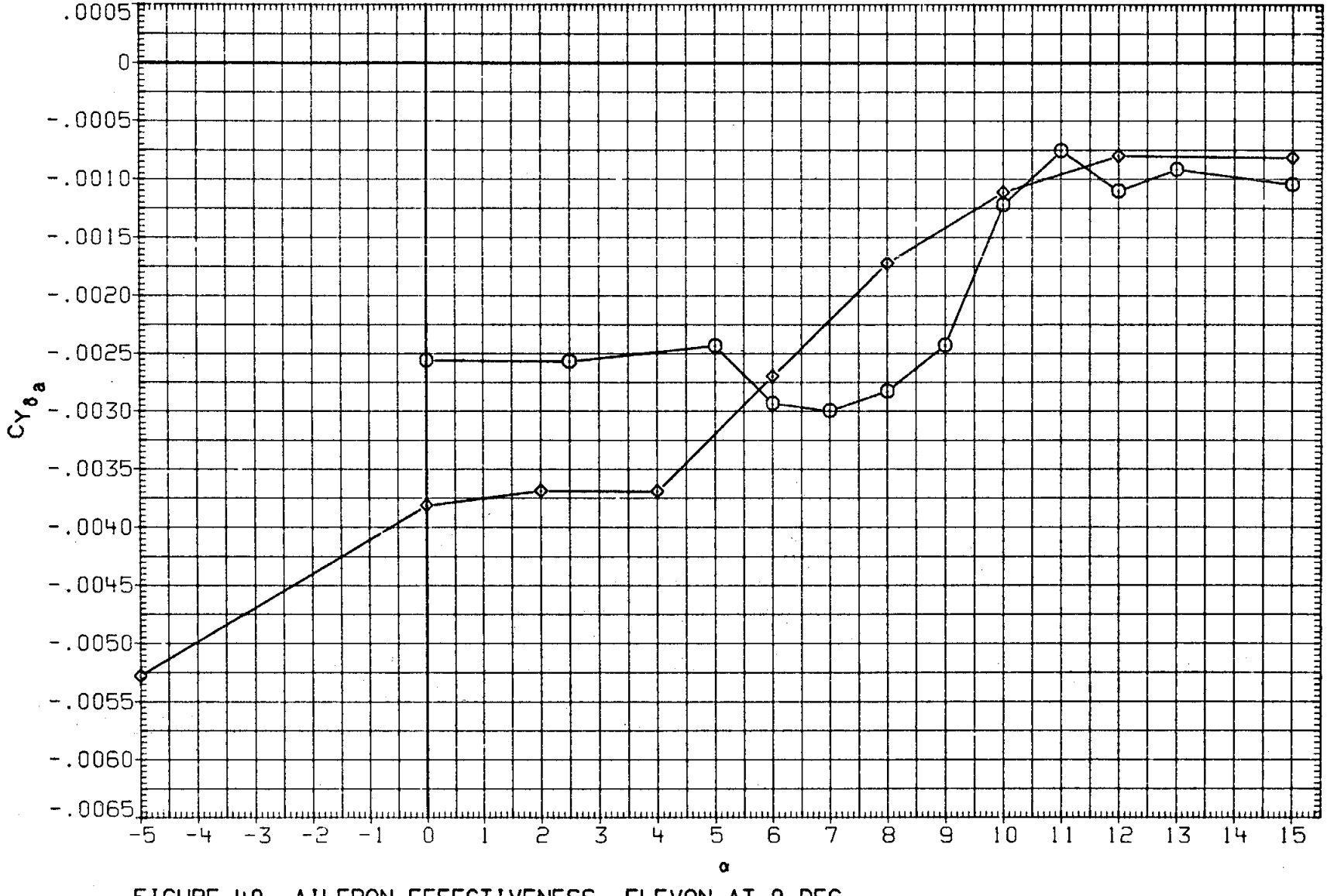


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

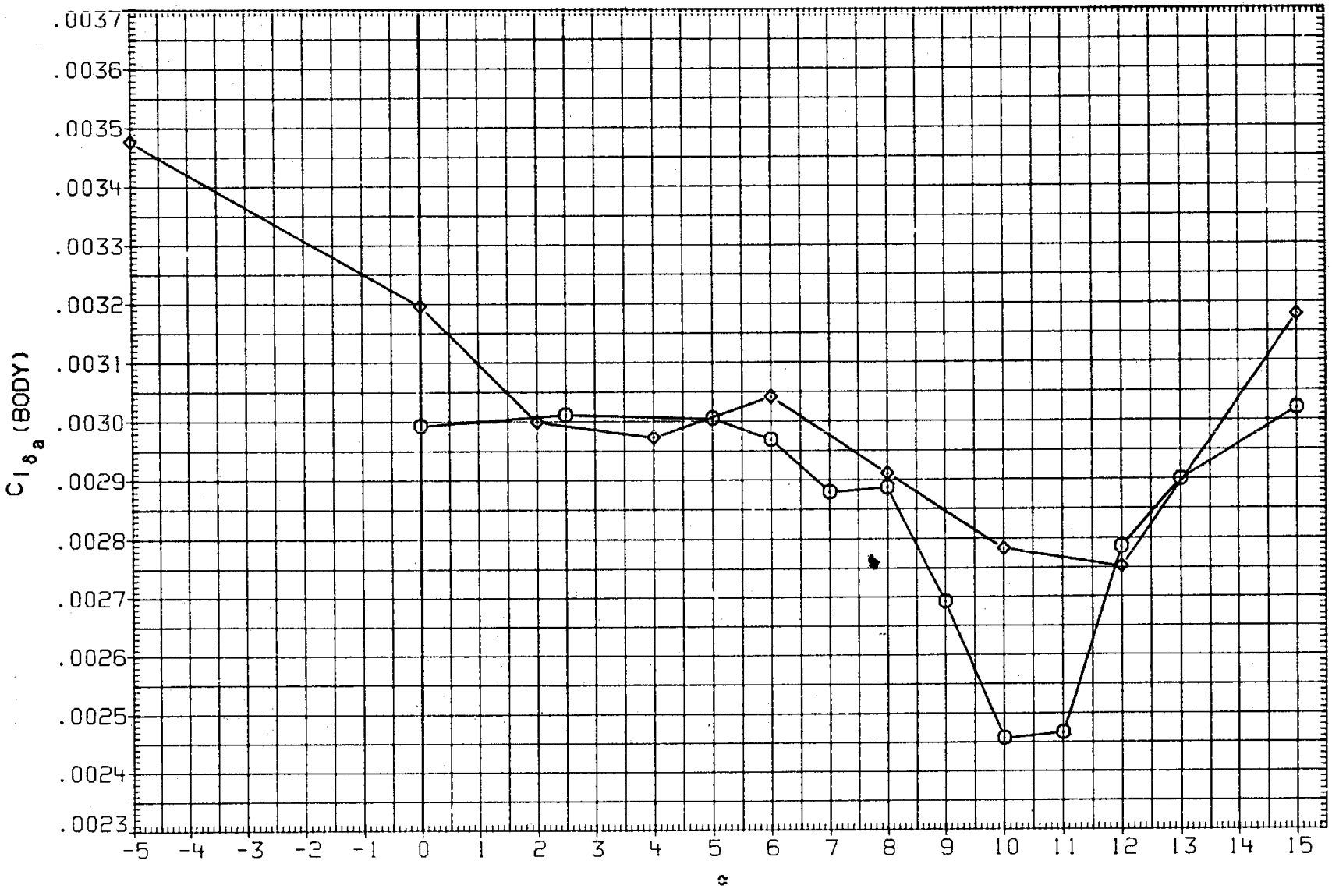


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

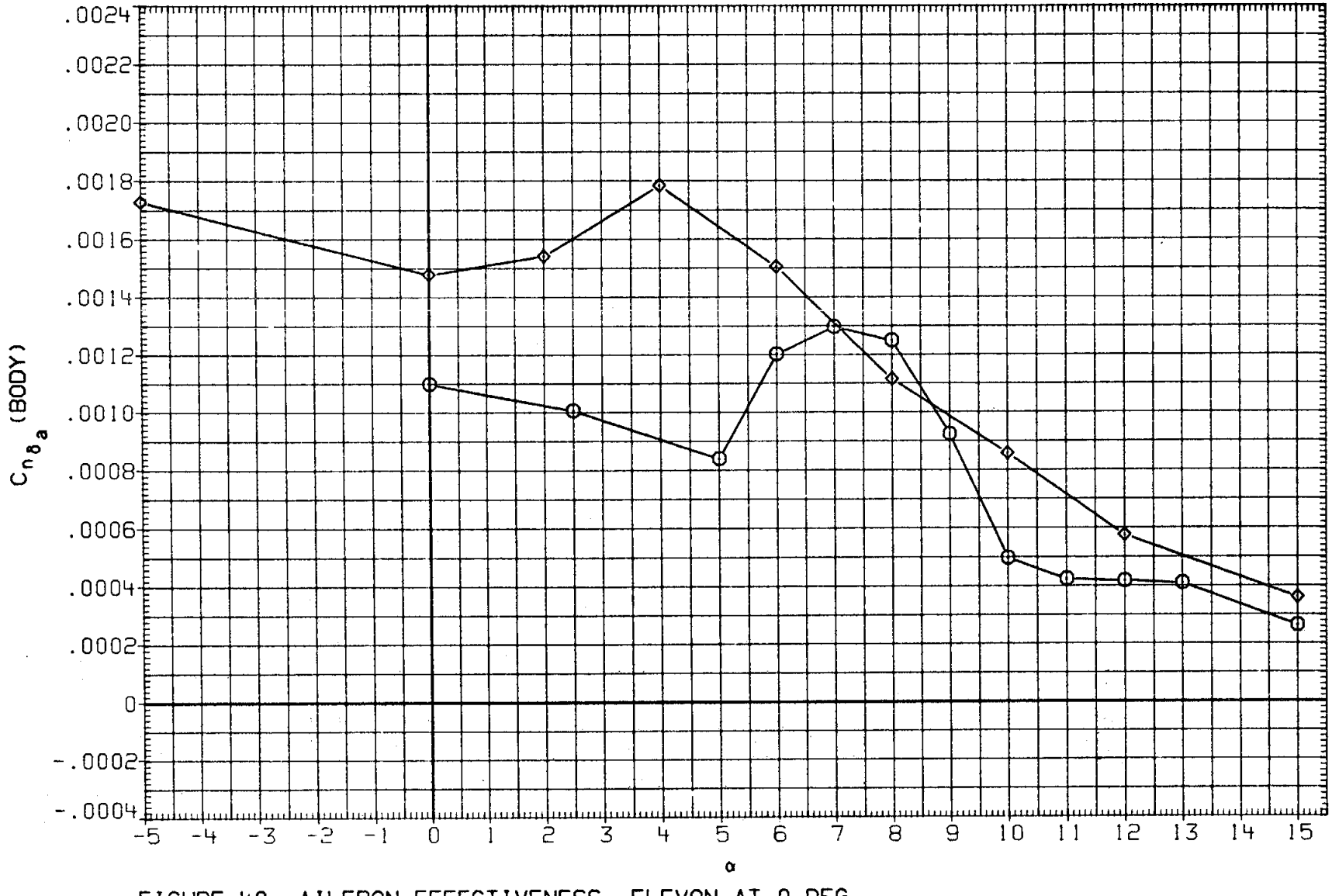


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

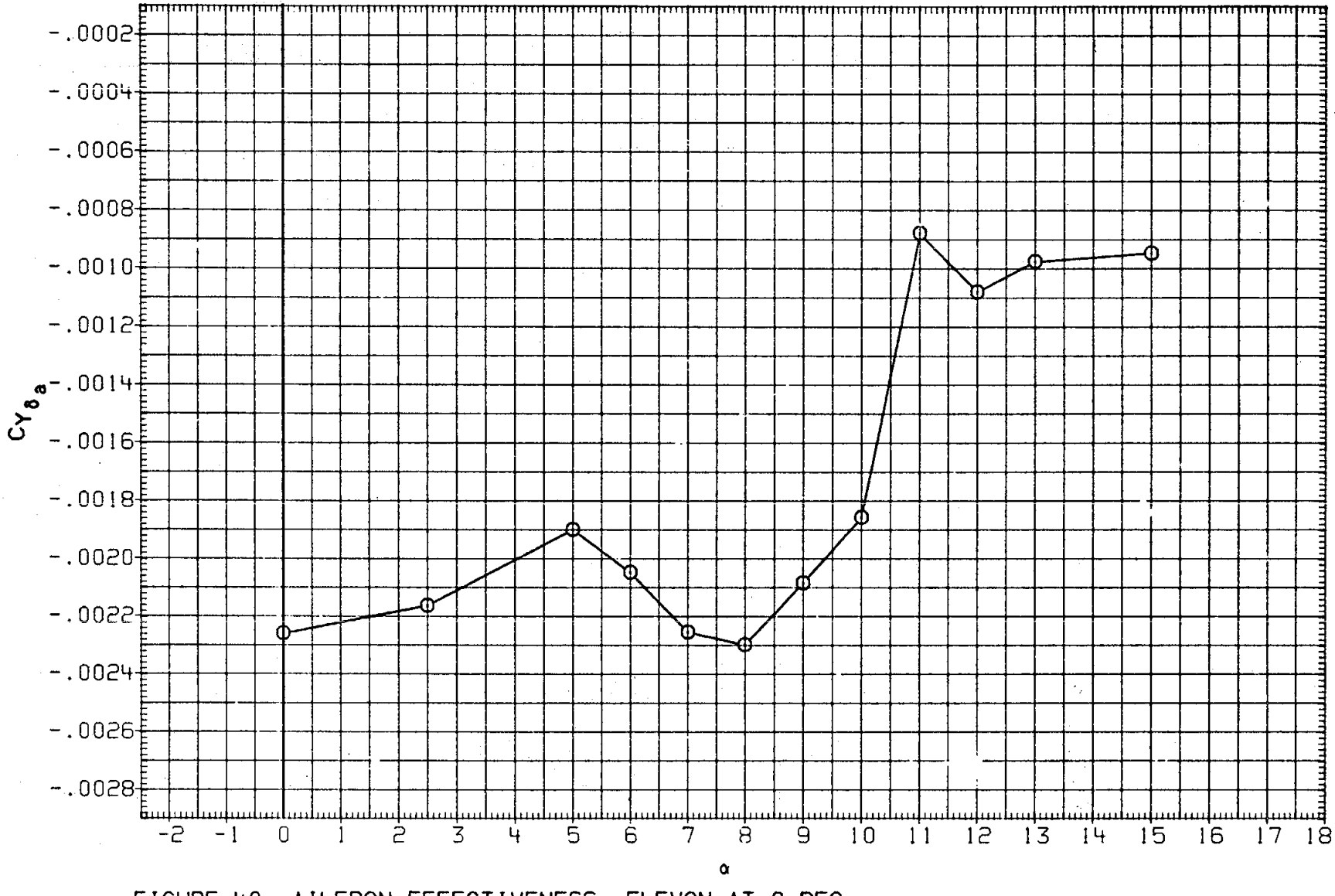


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

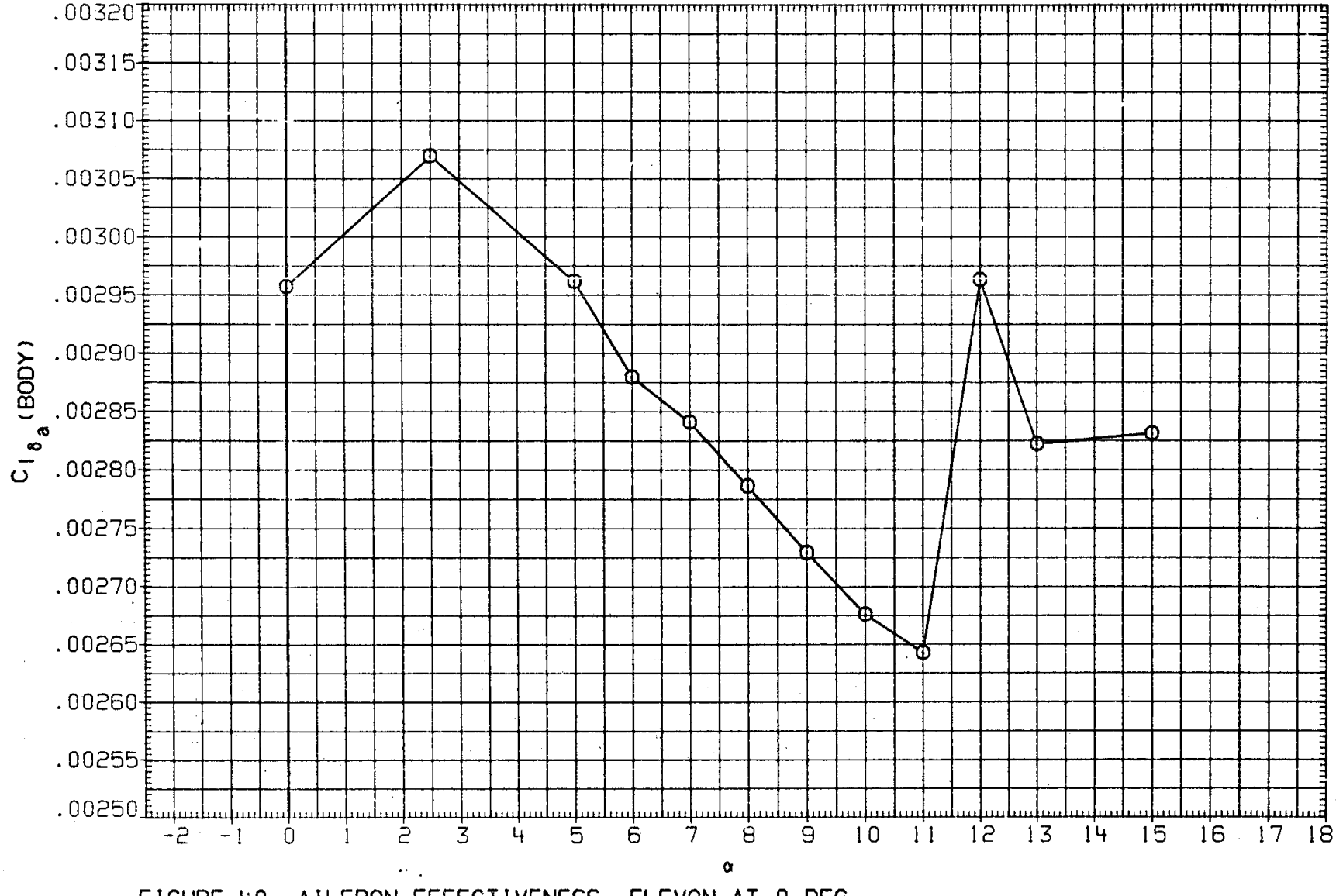


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BOFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

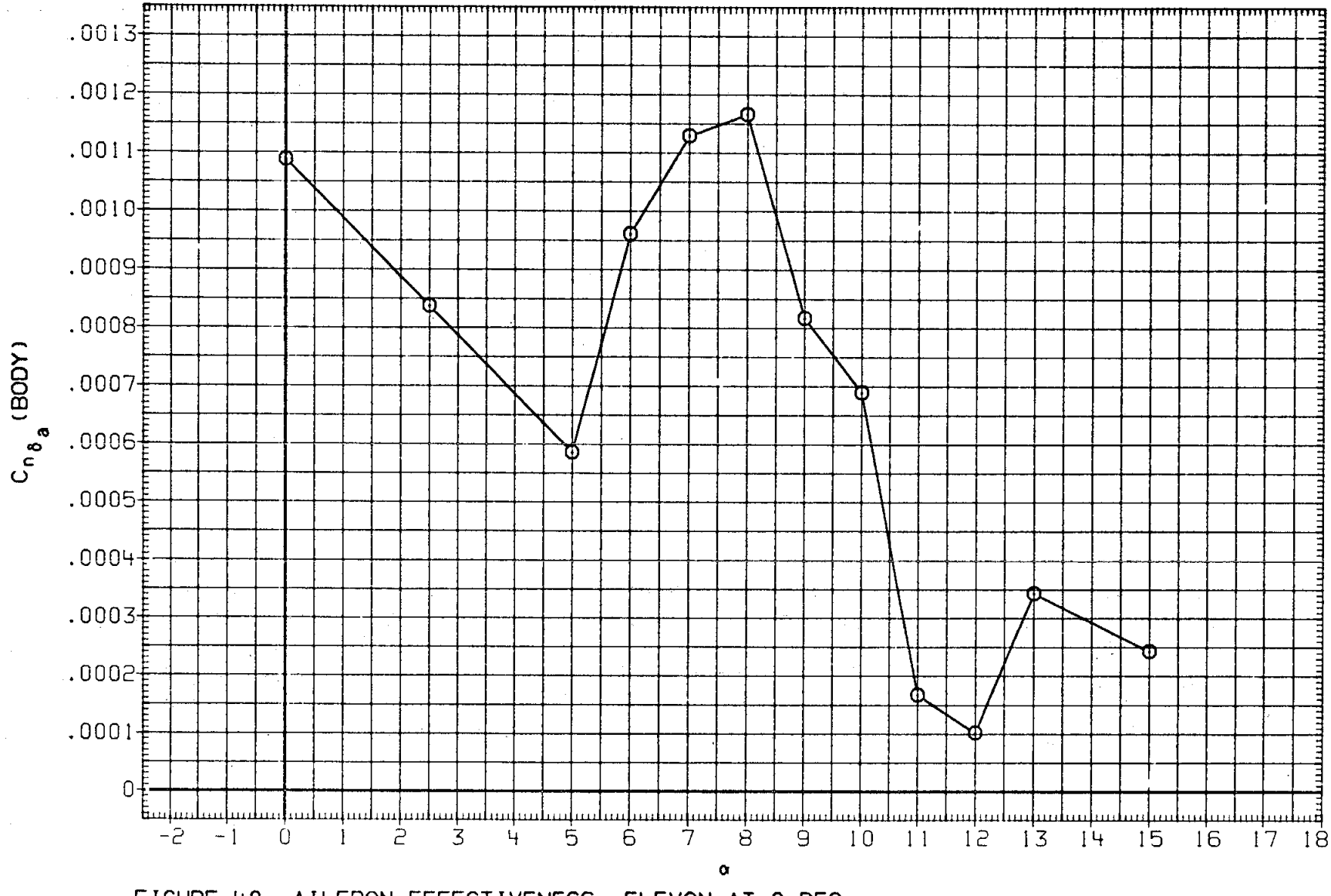


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

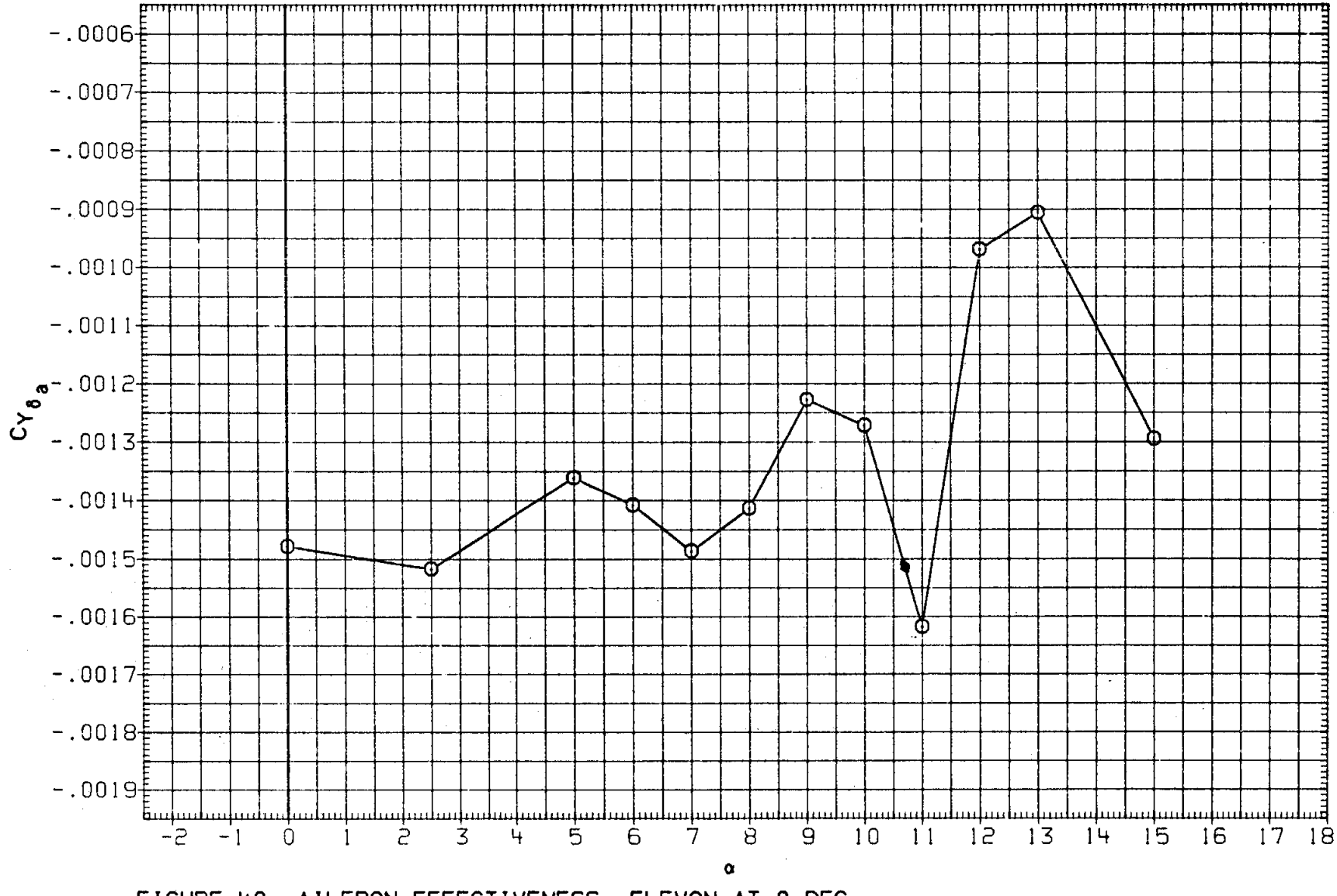


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

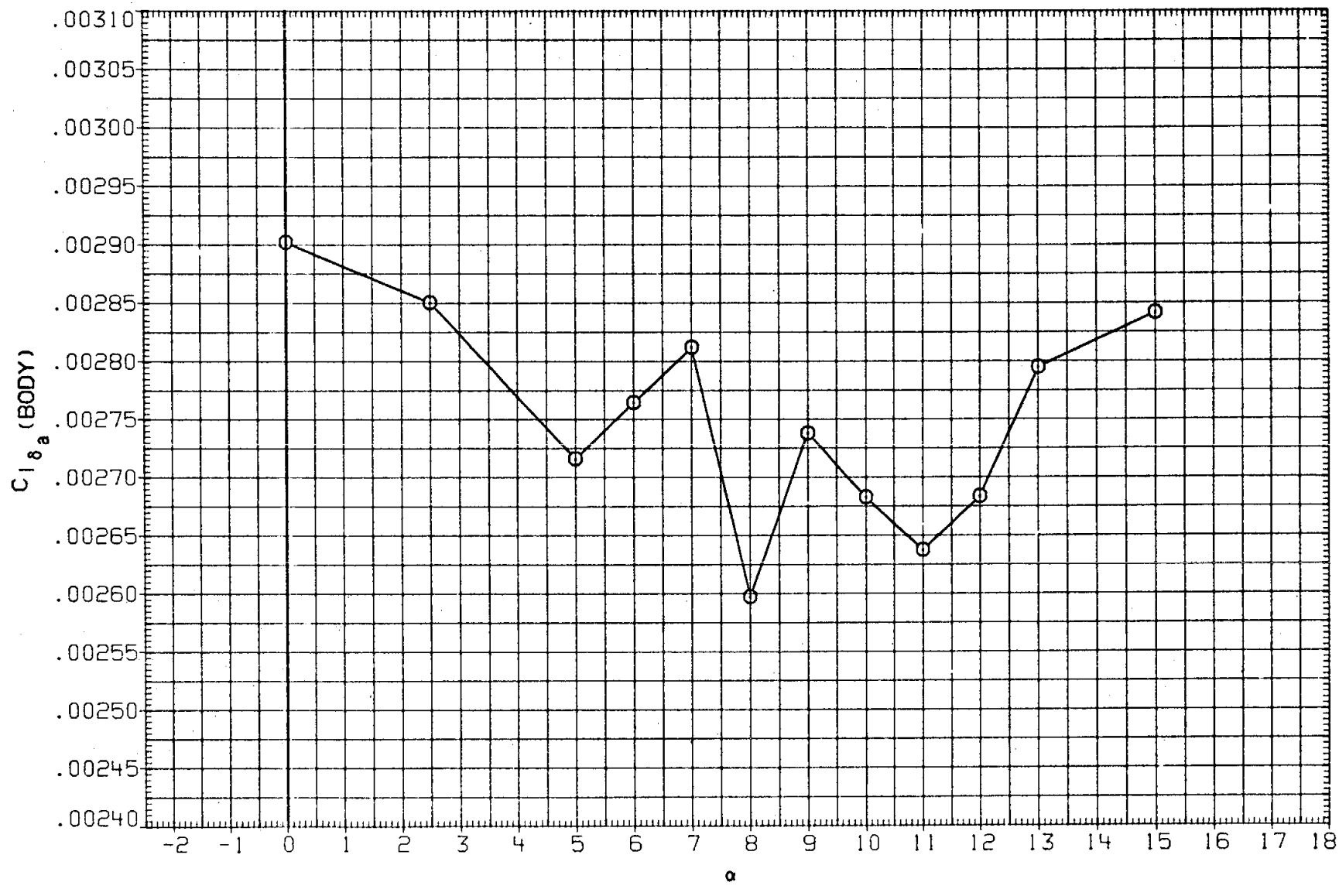


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

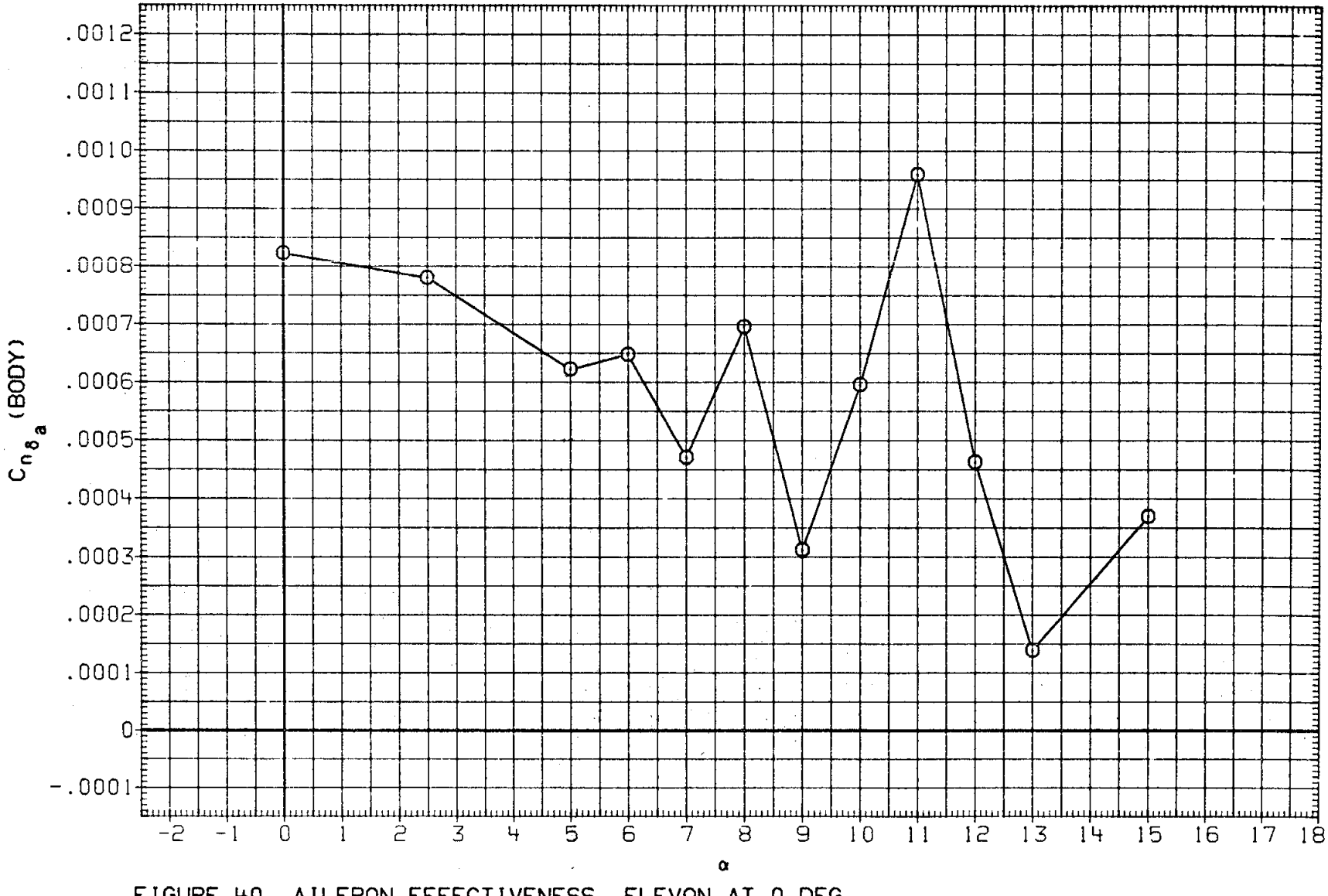


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 OA145A 01	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

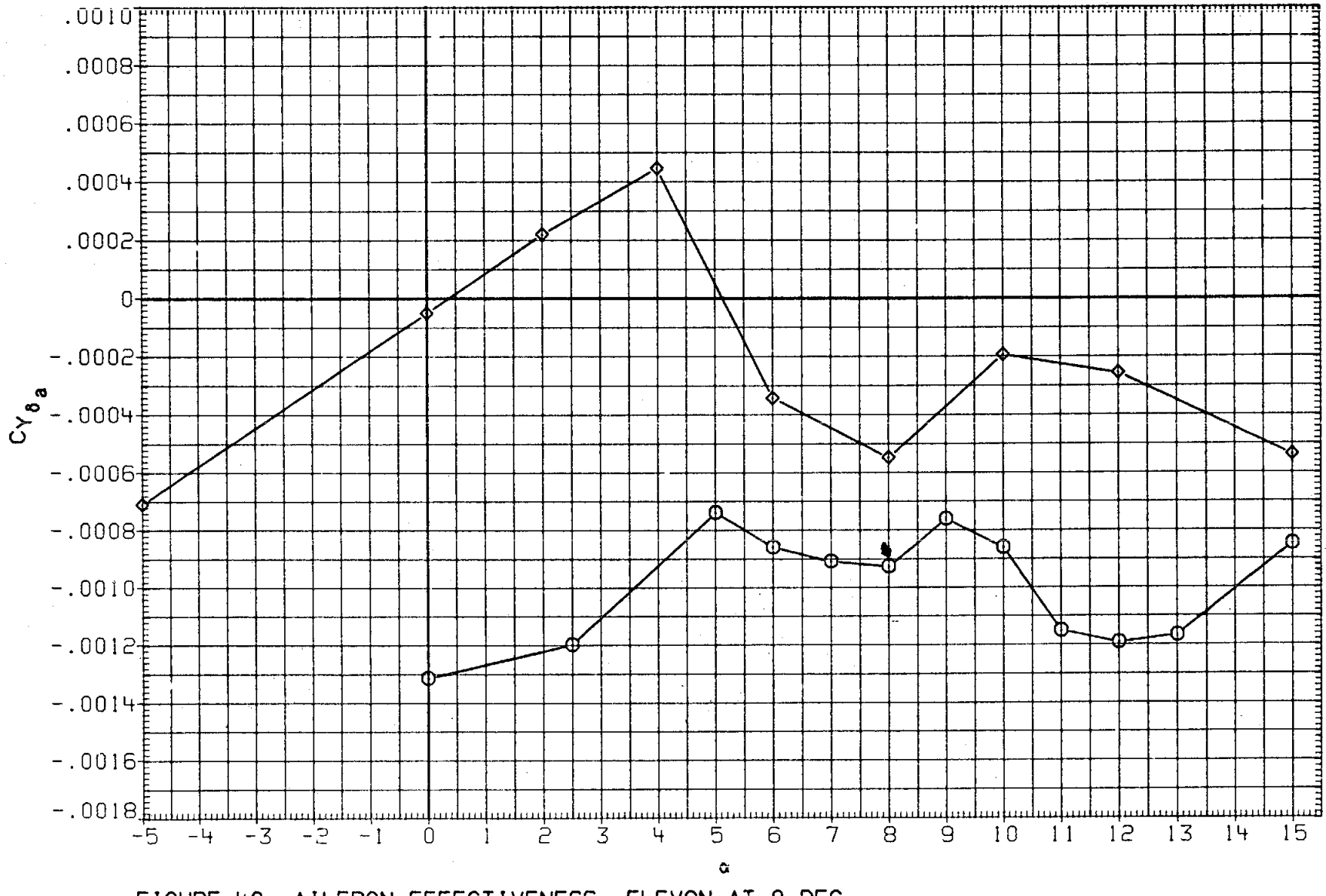


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000

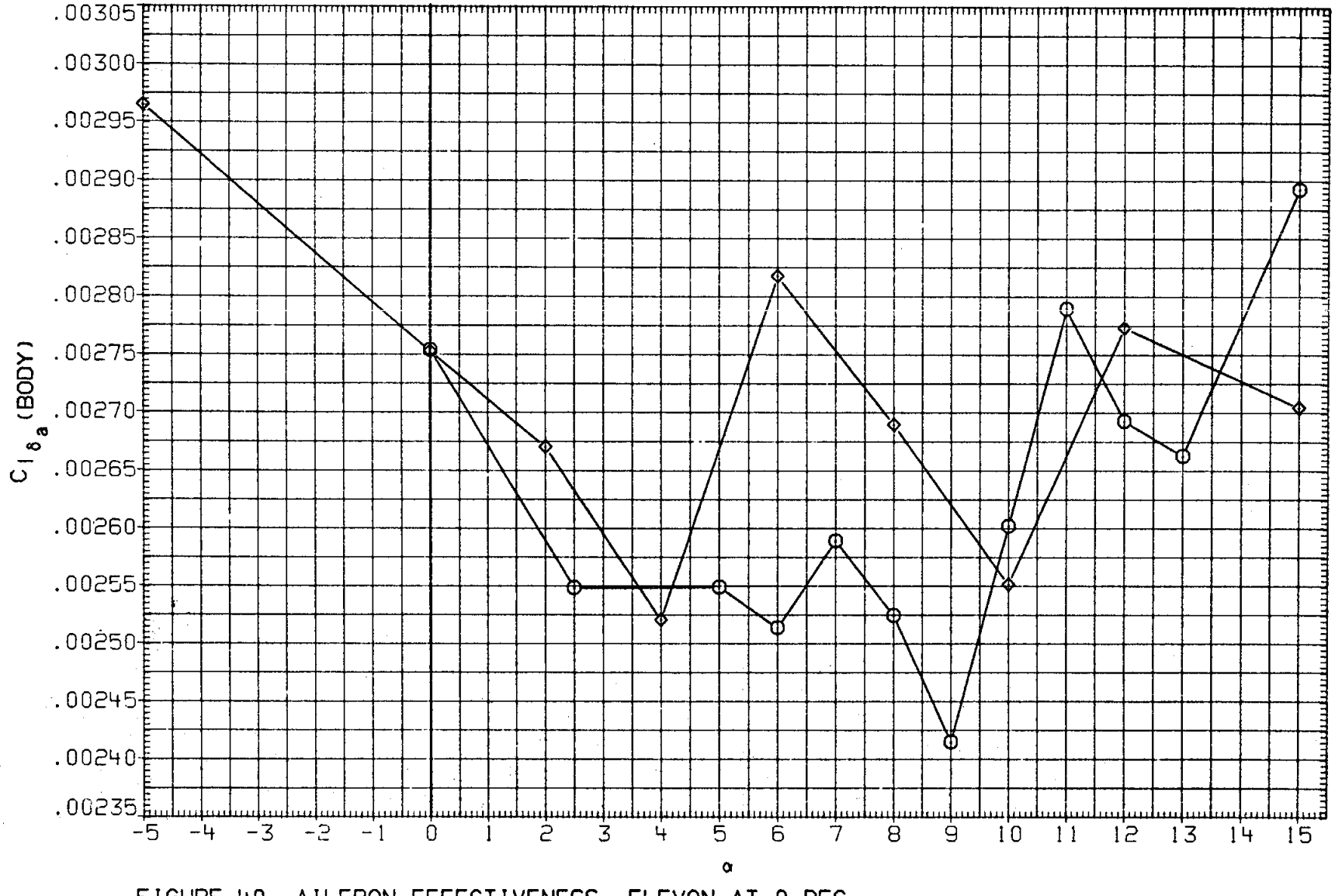


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION
MK0007	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.
MKN025	□	DATA NOT AVAILABLE
M2F046	◇	AMES 118-1-11 0A145A 01
M2F047	△	DATA NOT AVAILABLE

BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
.000	.070	.000	25.500	-.030
.000	.000	.000	25.000	.000
.000	.000	.000	25.000	.000
.000	.000	.000	25.000	.000

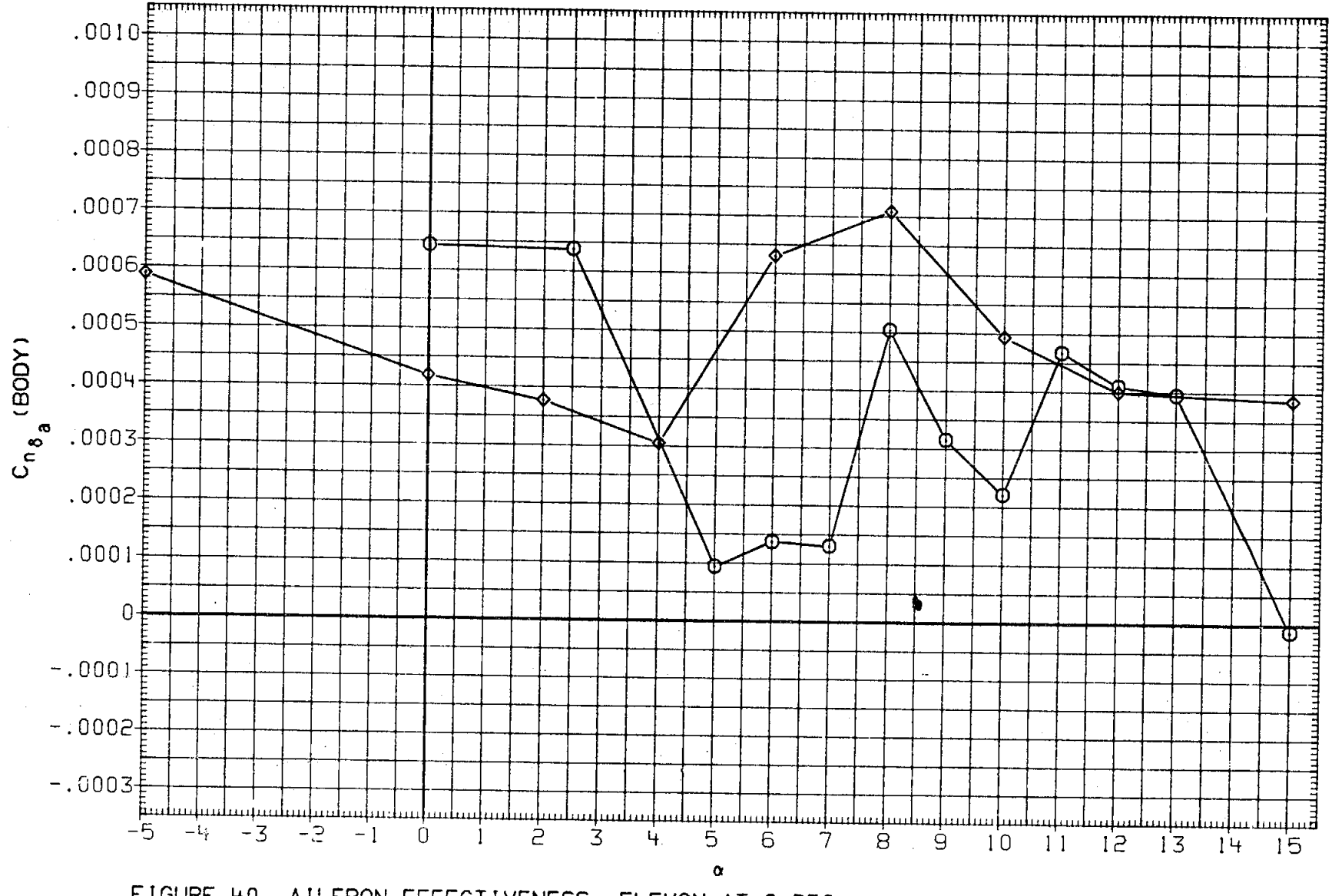


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

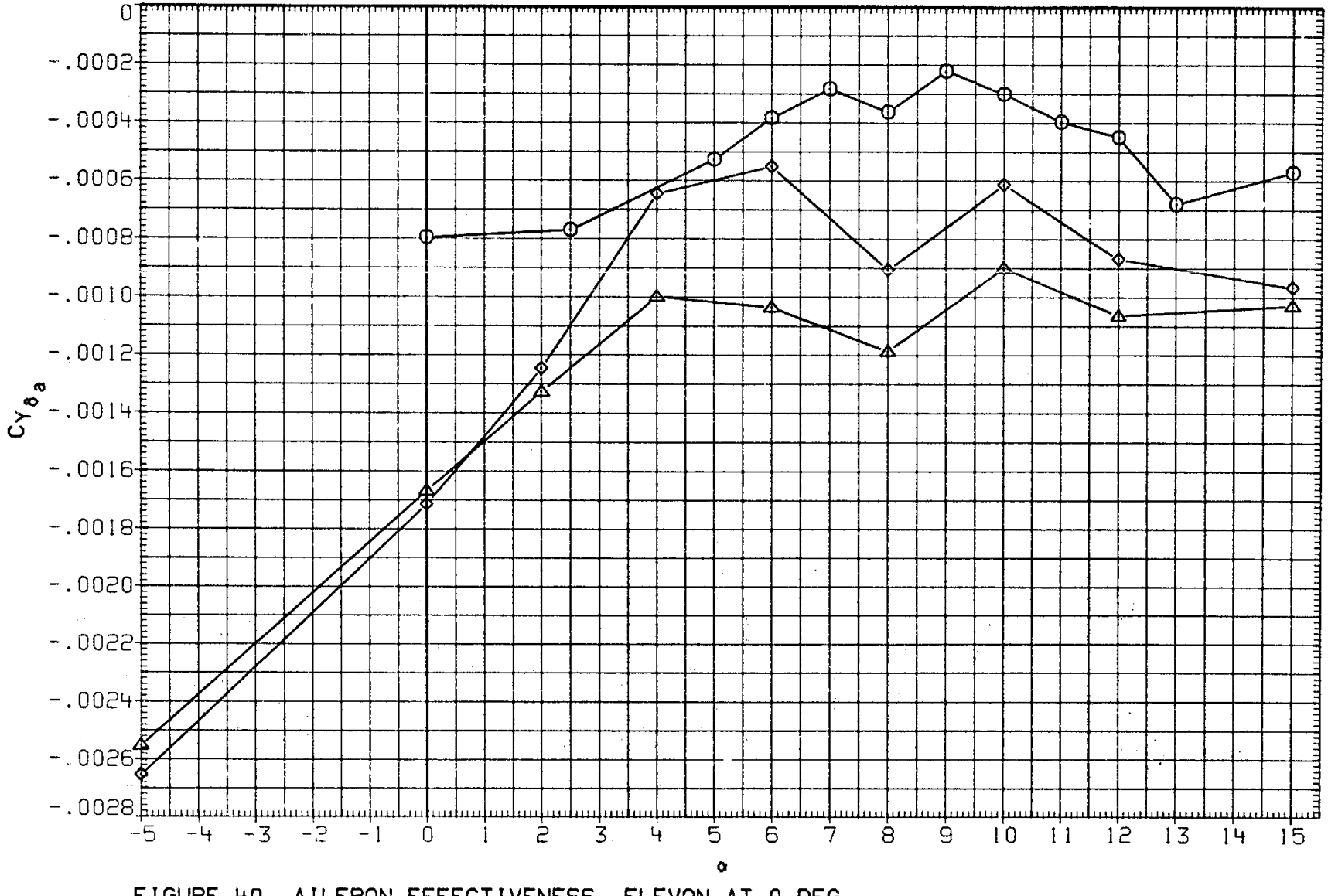


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

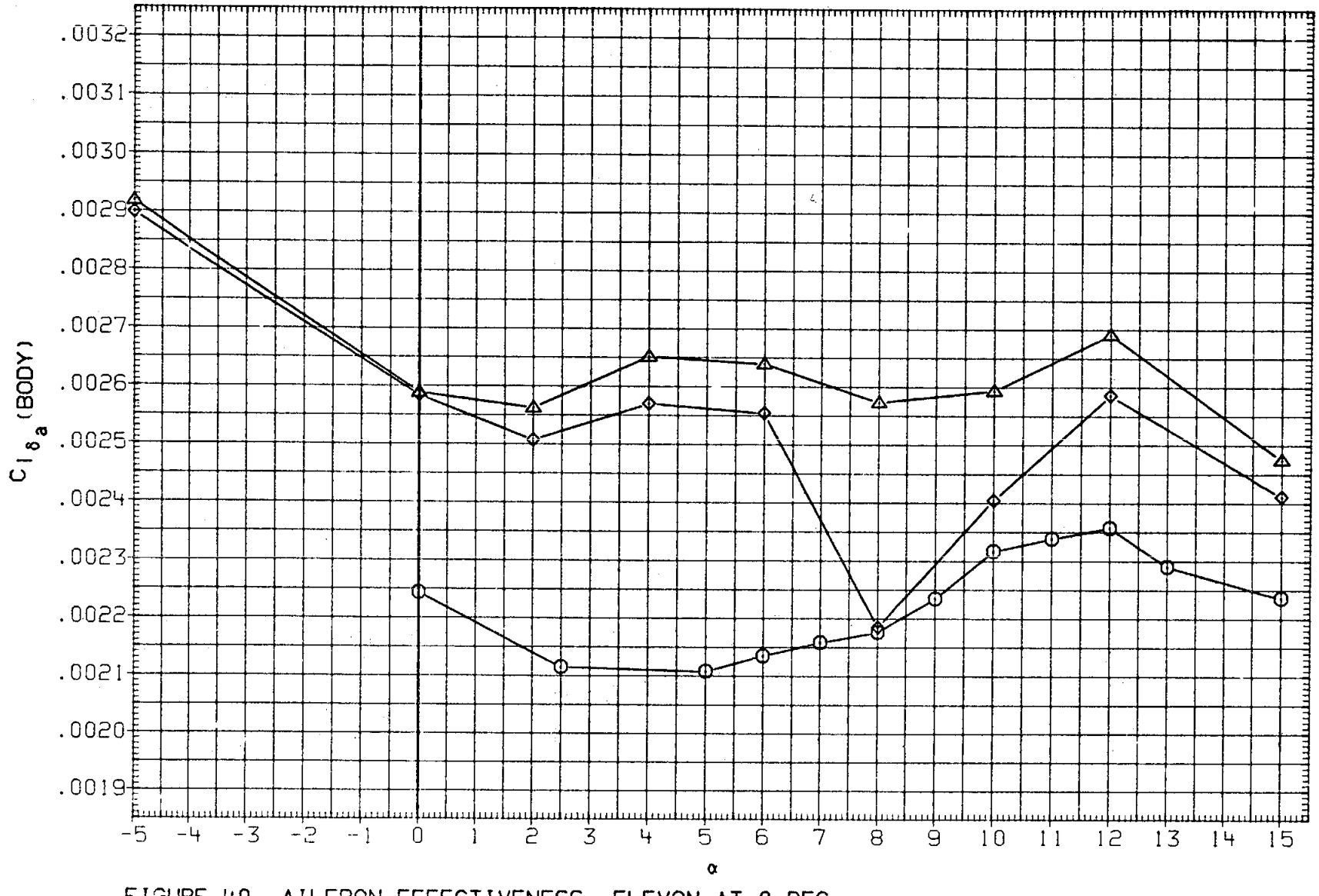


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(H) MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 3251(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

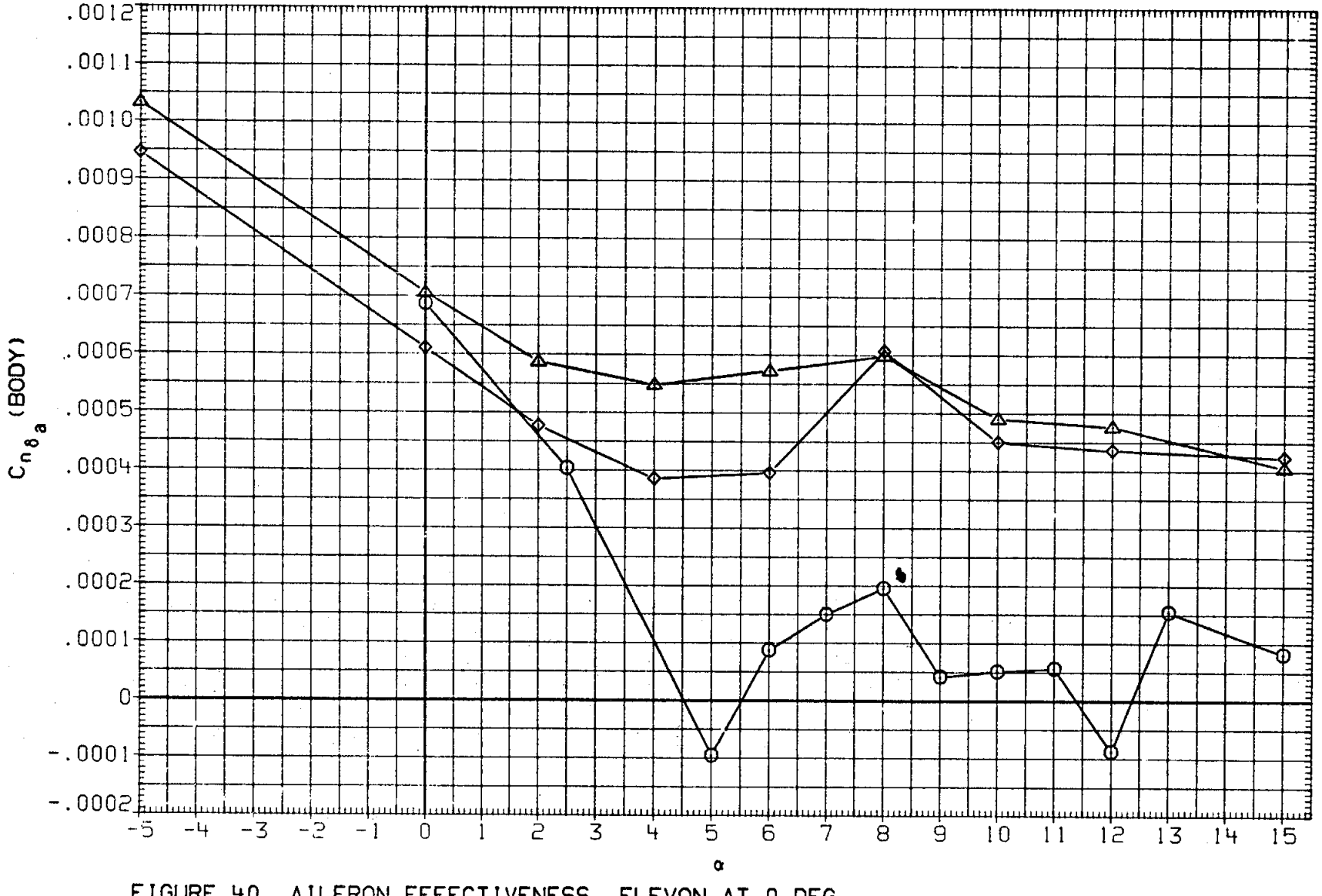


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

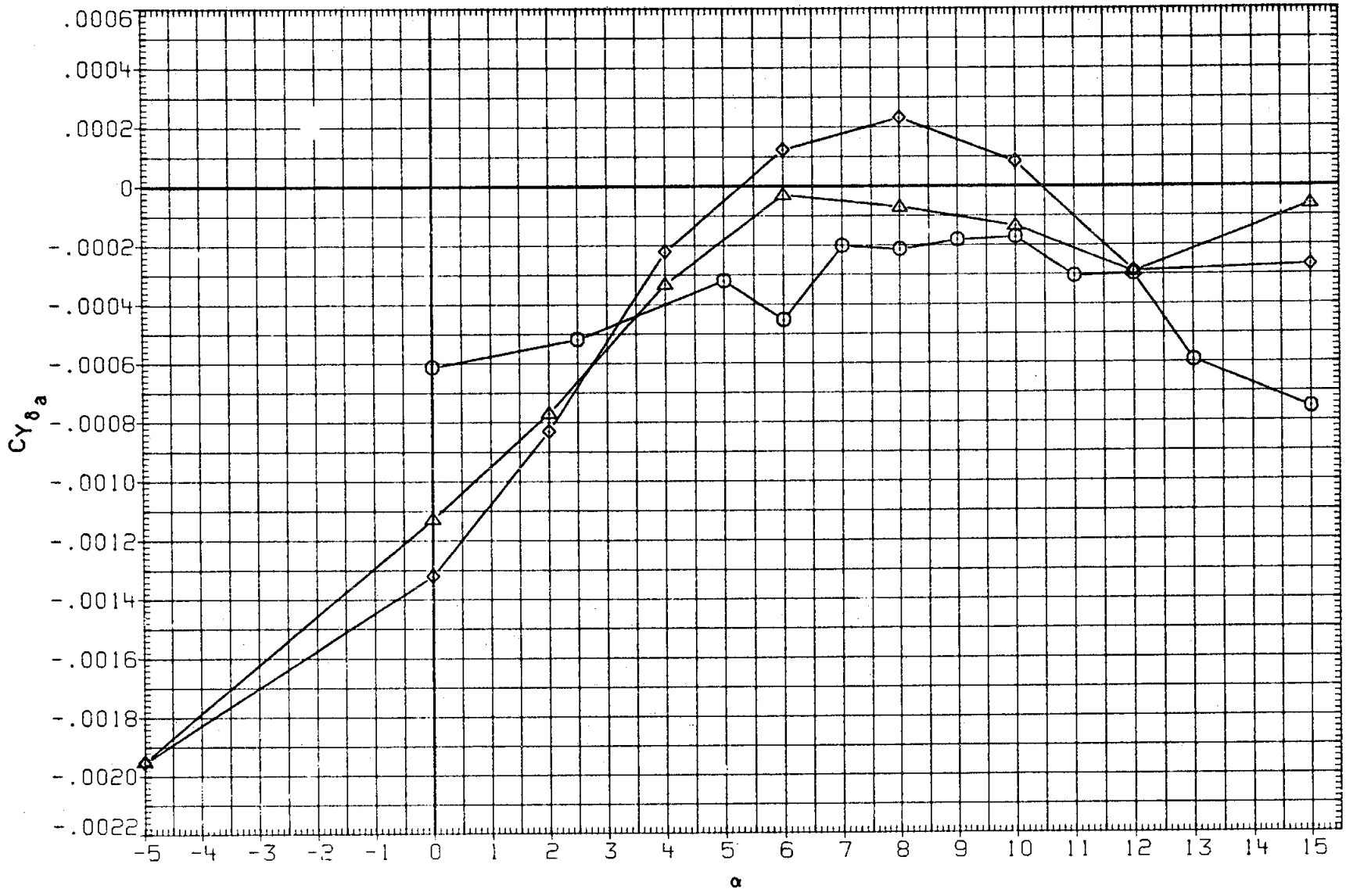


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

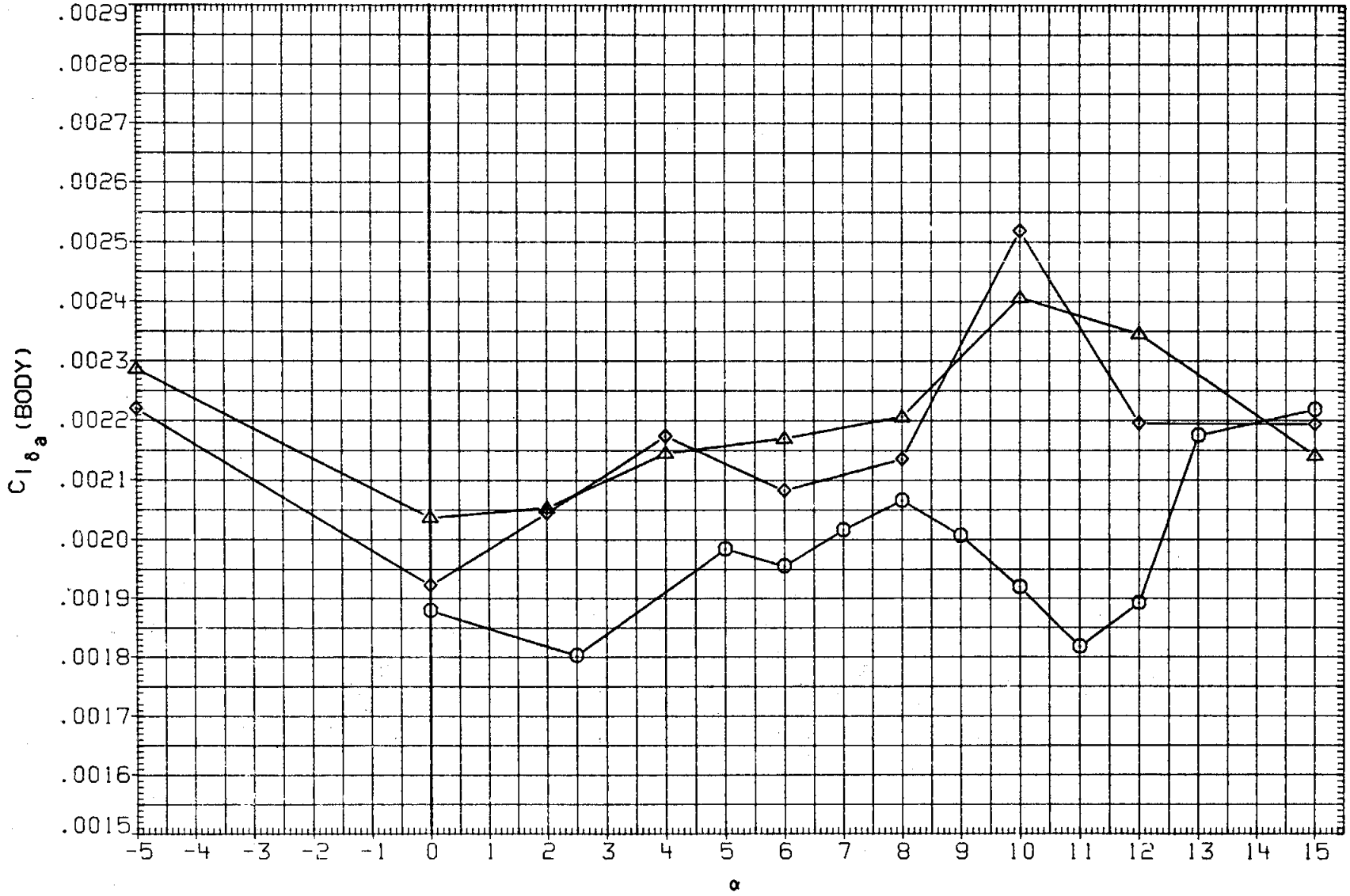


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MKN025	□	DATA NOT AVAILABLE	.000	.000	.000	25.000	.000
M2F046	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000
M2F047	△	AMES 118-1-11 0A145A 01	.000	.000	.000	25.000	.000

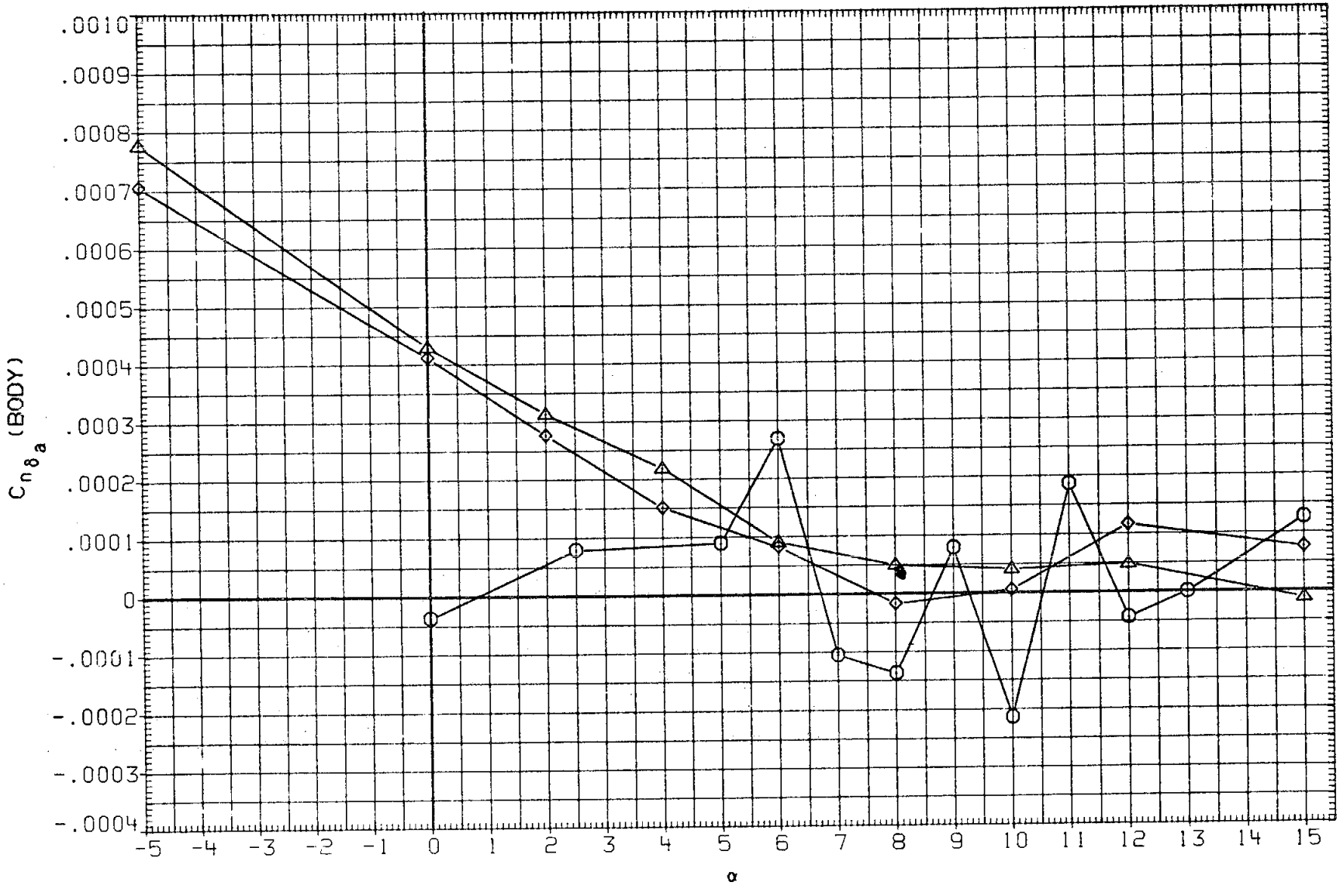


FIGURE 40. AILERON EFFECTIVENESS, ELEVON AT 0 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	DATA NOT AVAILABLE	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFOPMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

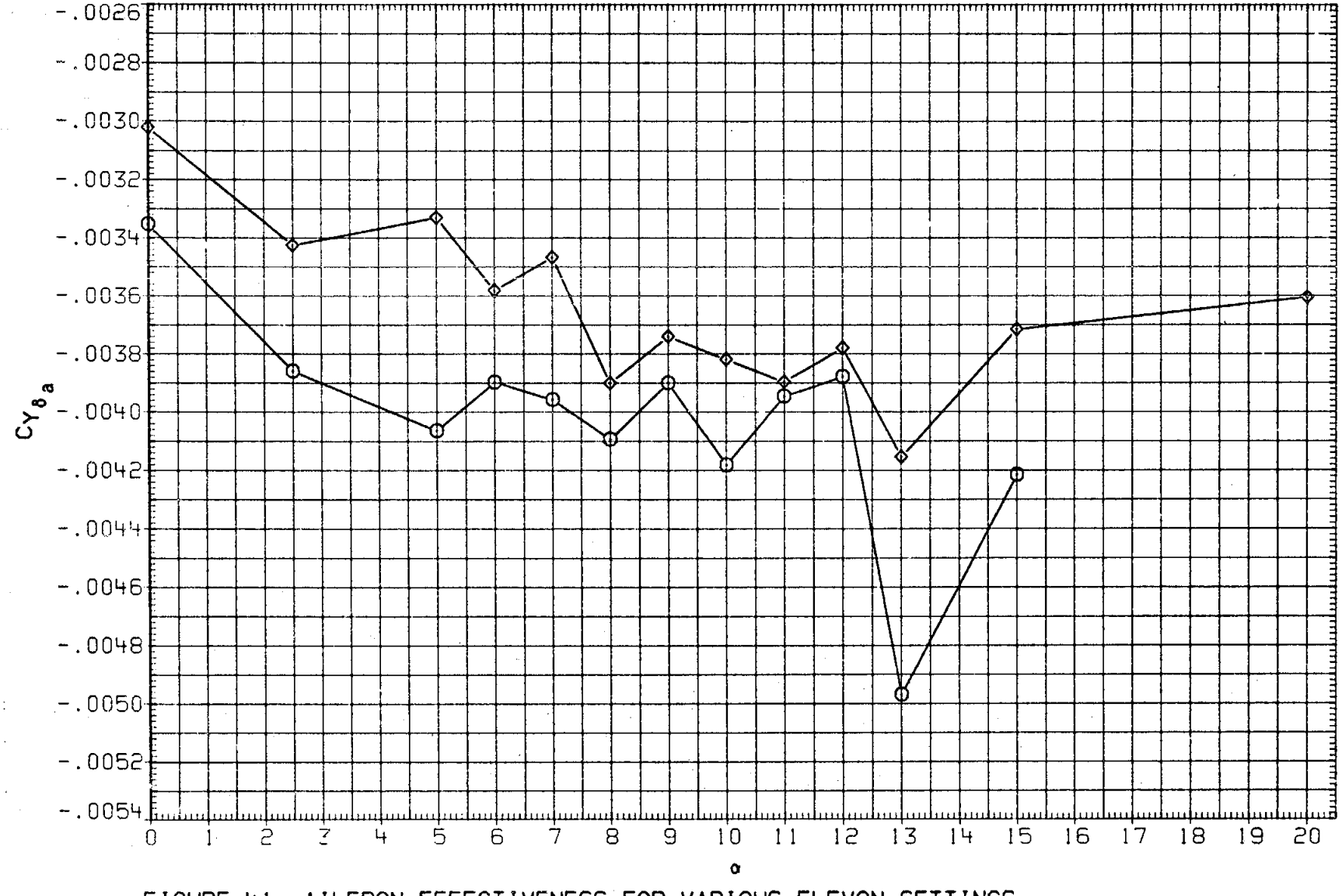


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	DATA NOT AVAILABLE	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

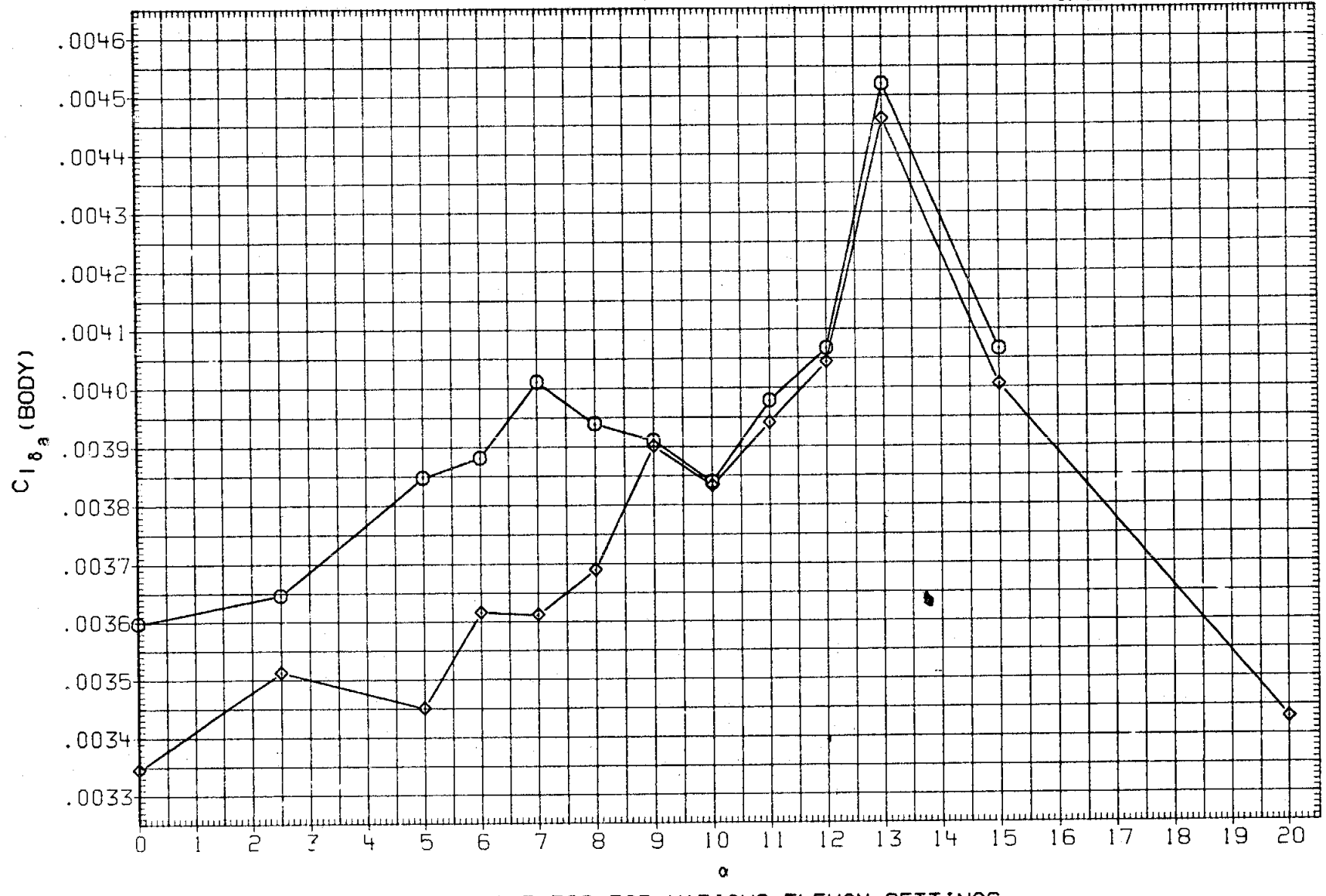


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	DATA NOT AVAILABLE	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

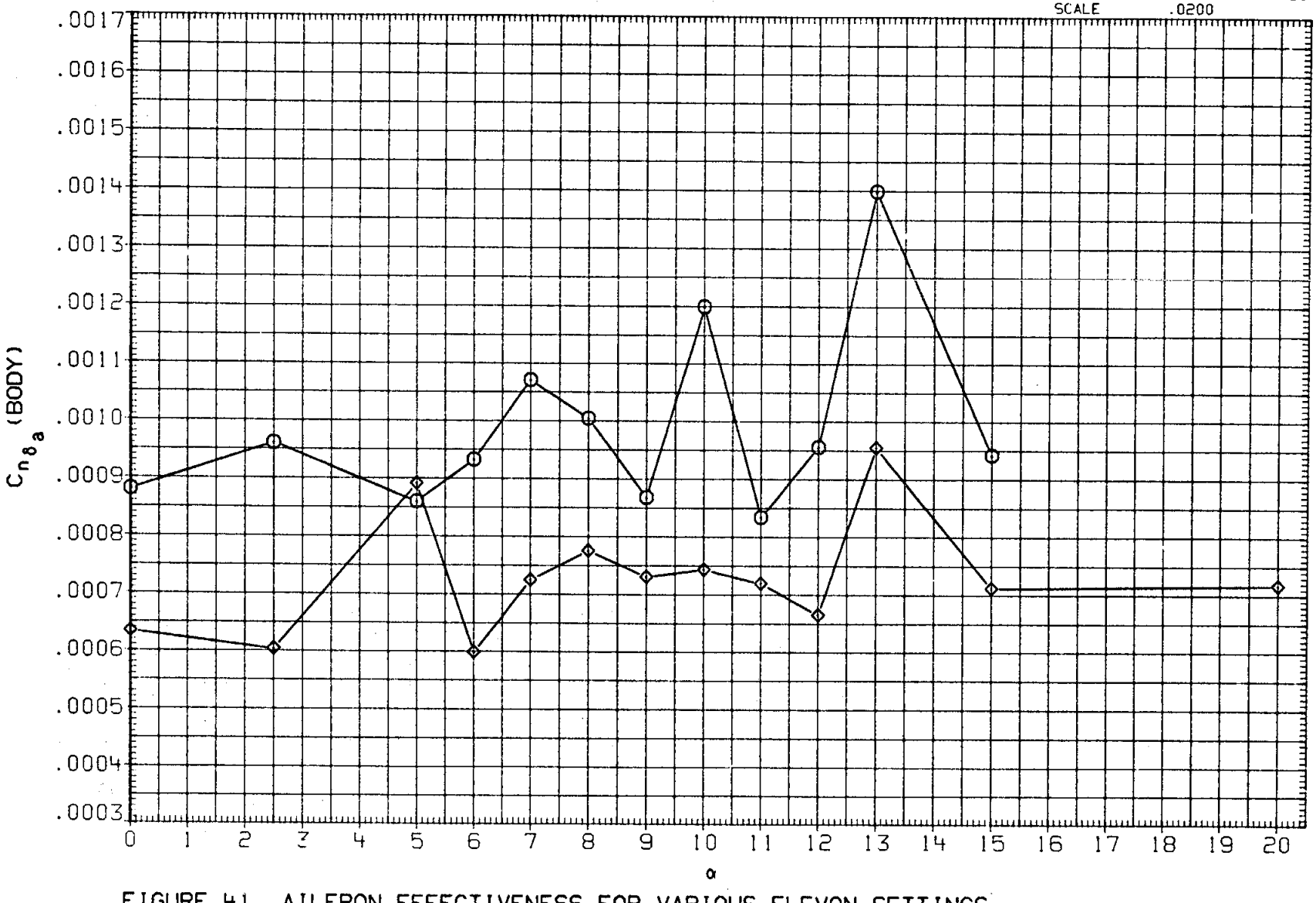


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	DATA NOT AVAILABLE	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

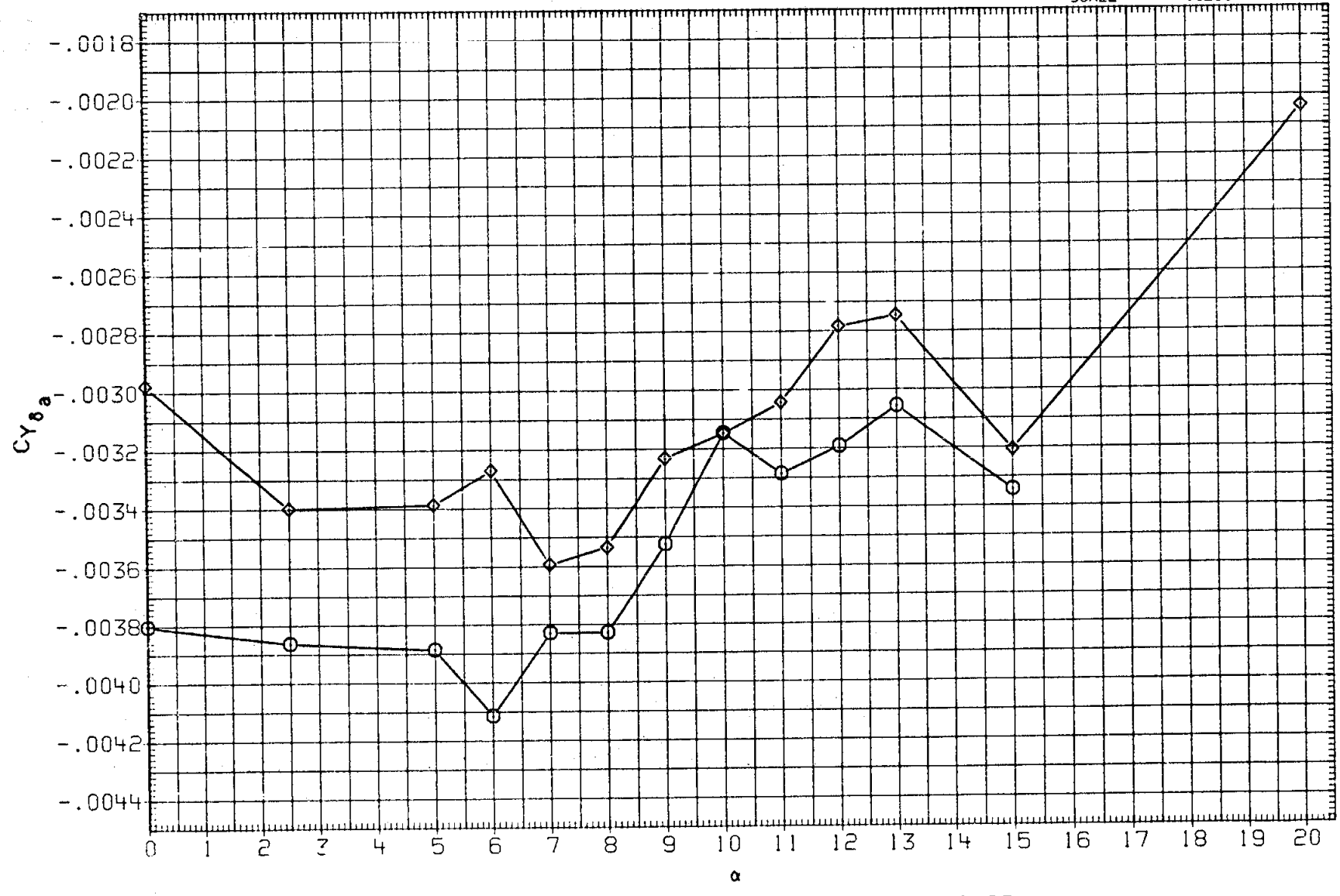


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	DATA NOT AVAILABLE	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

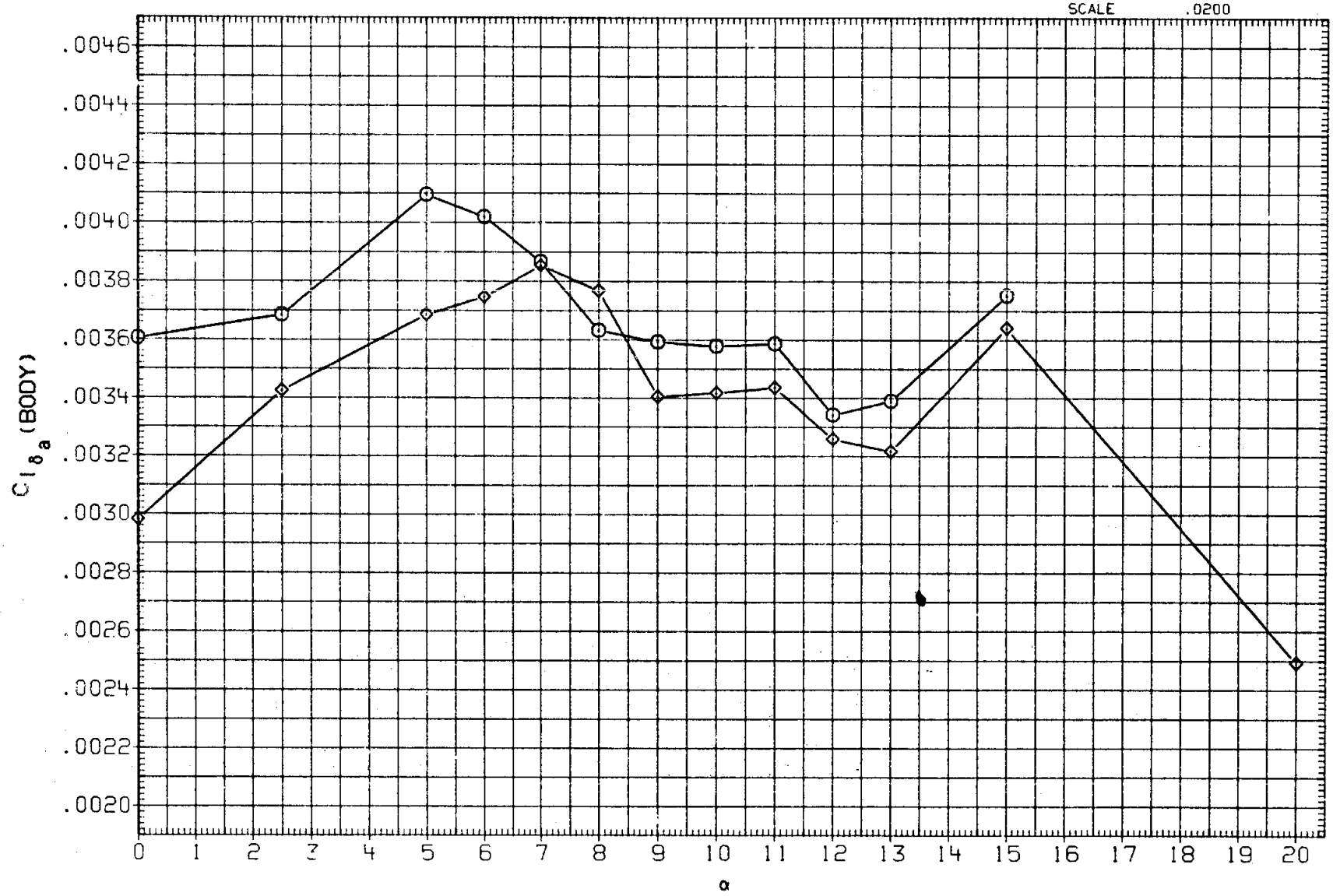


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	DATA NOT AVAILABLE	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

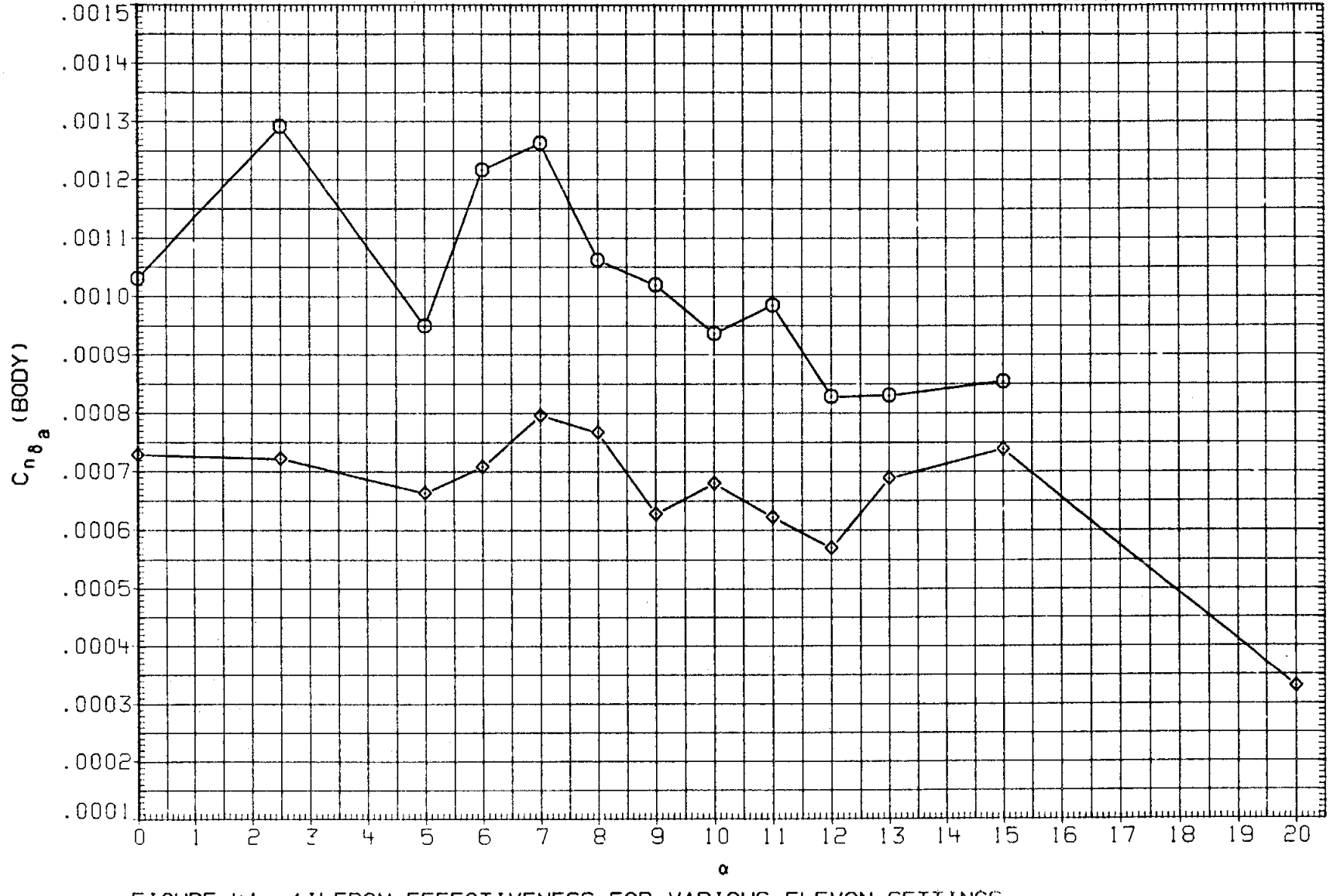


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

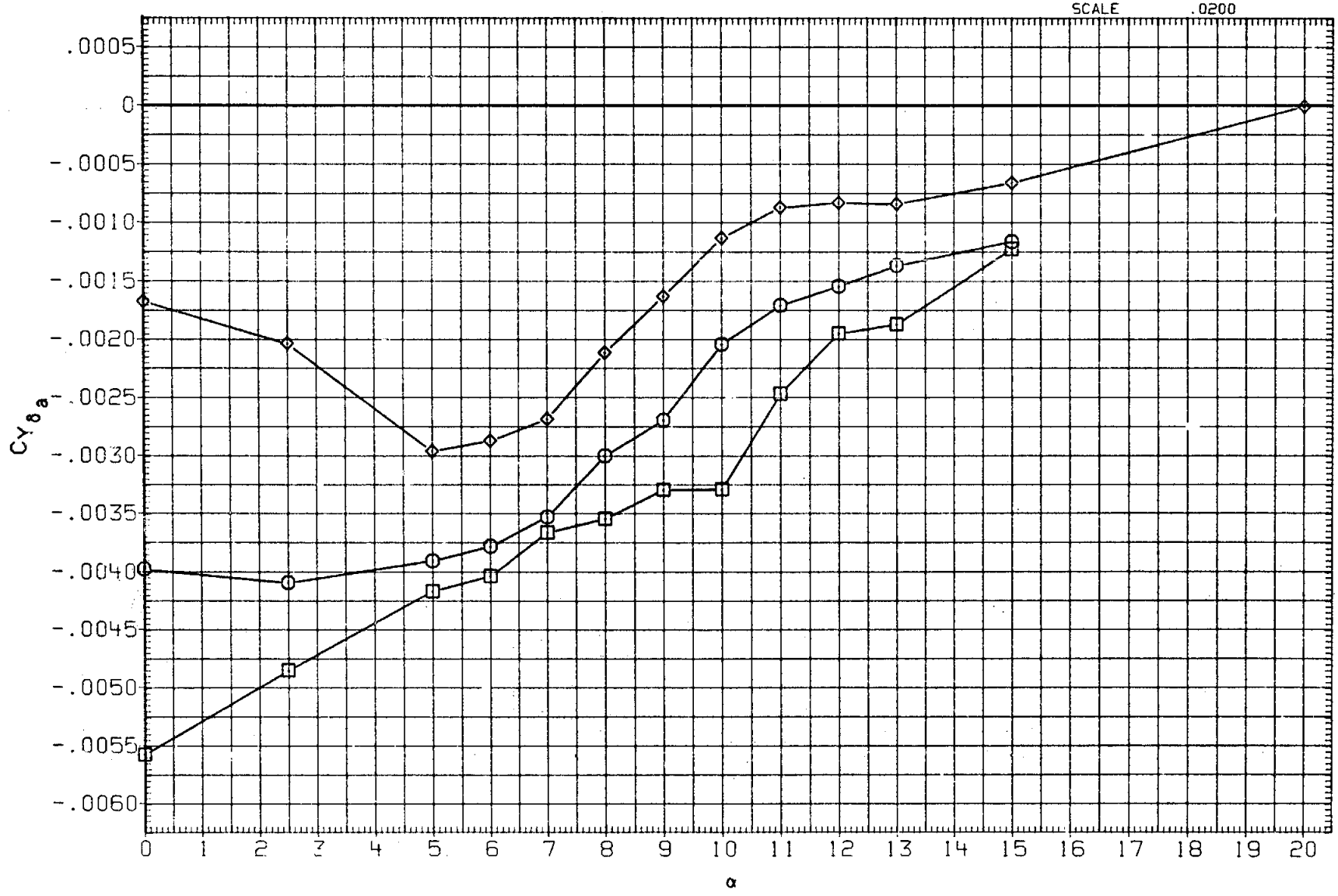


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

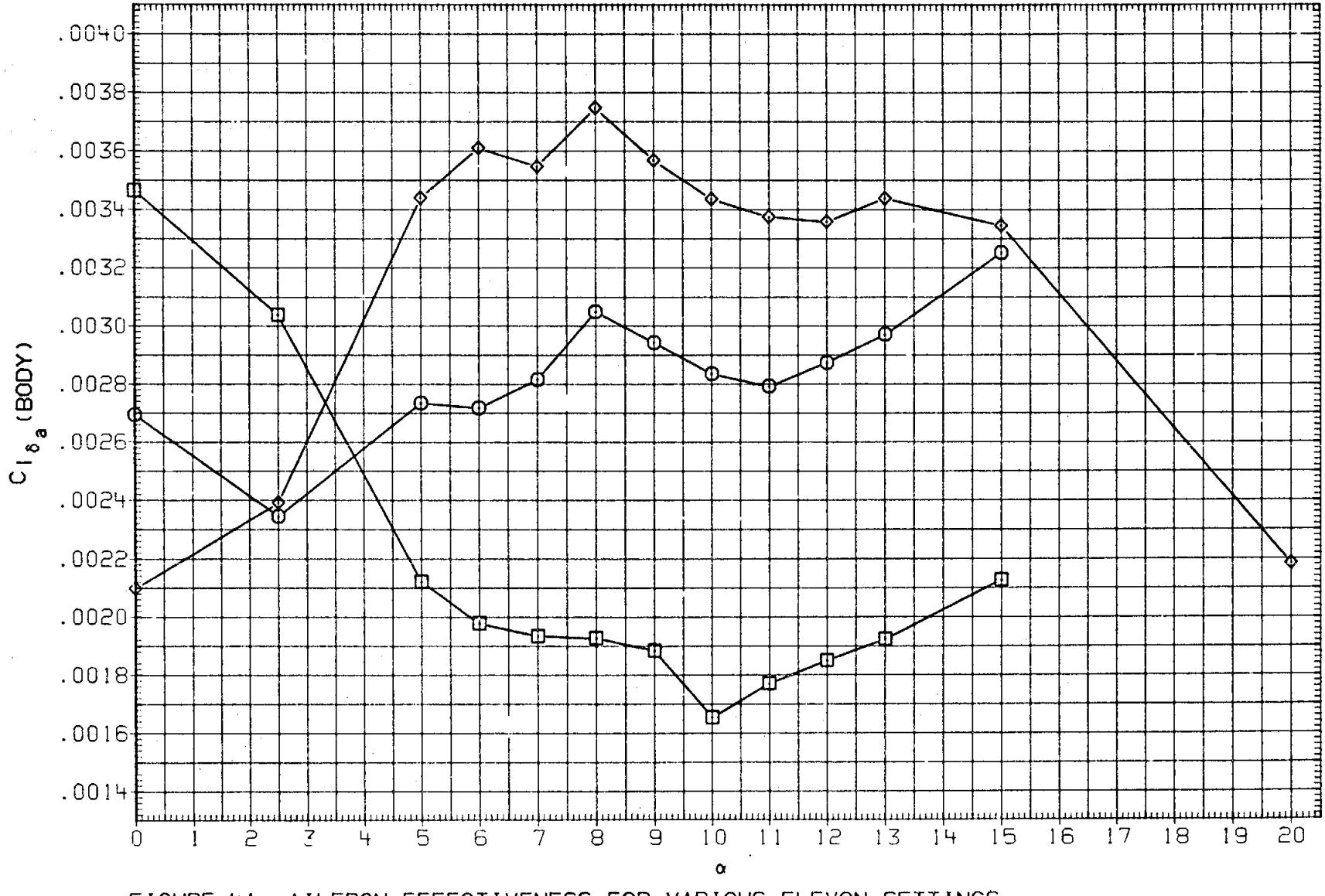


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

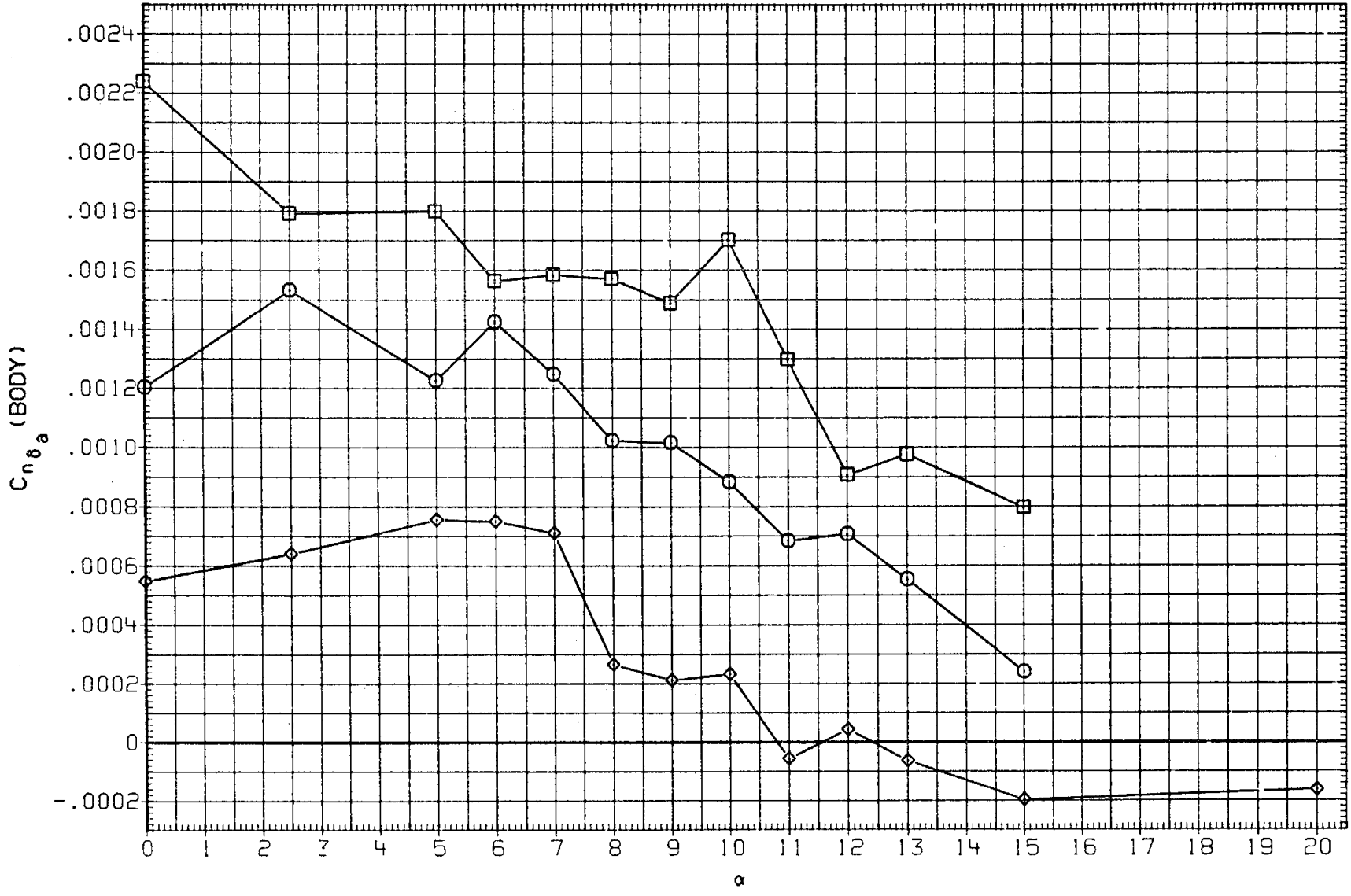


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

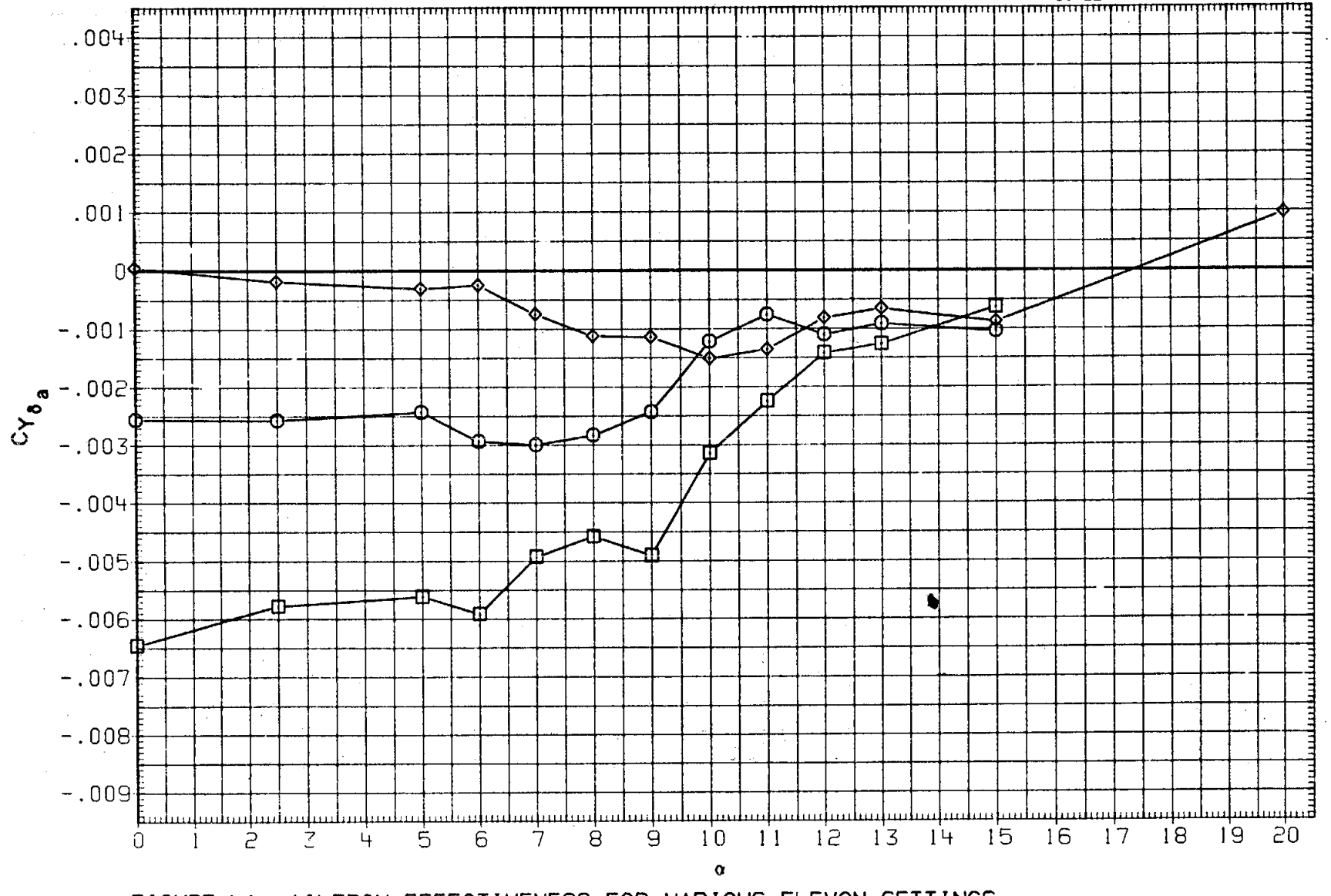


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

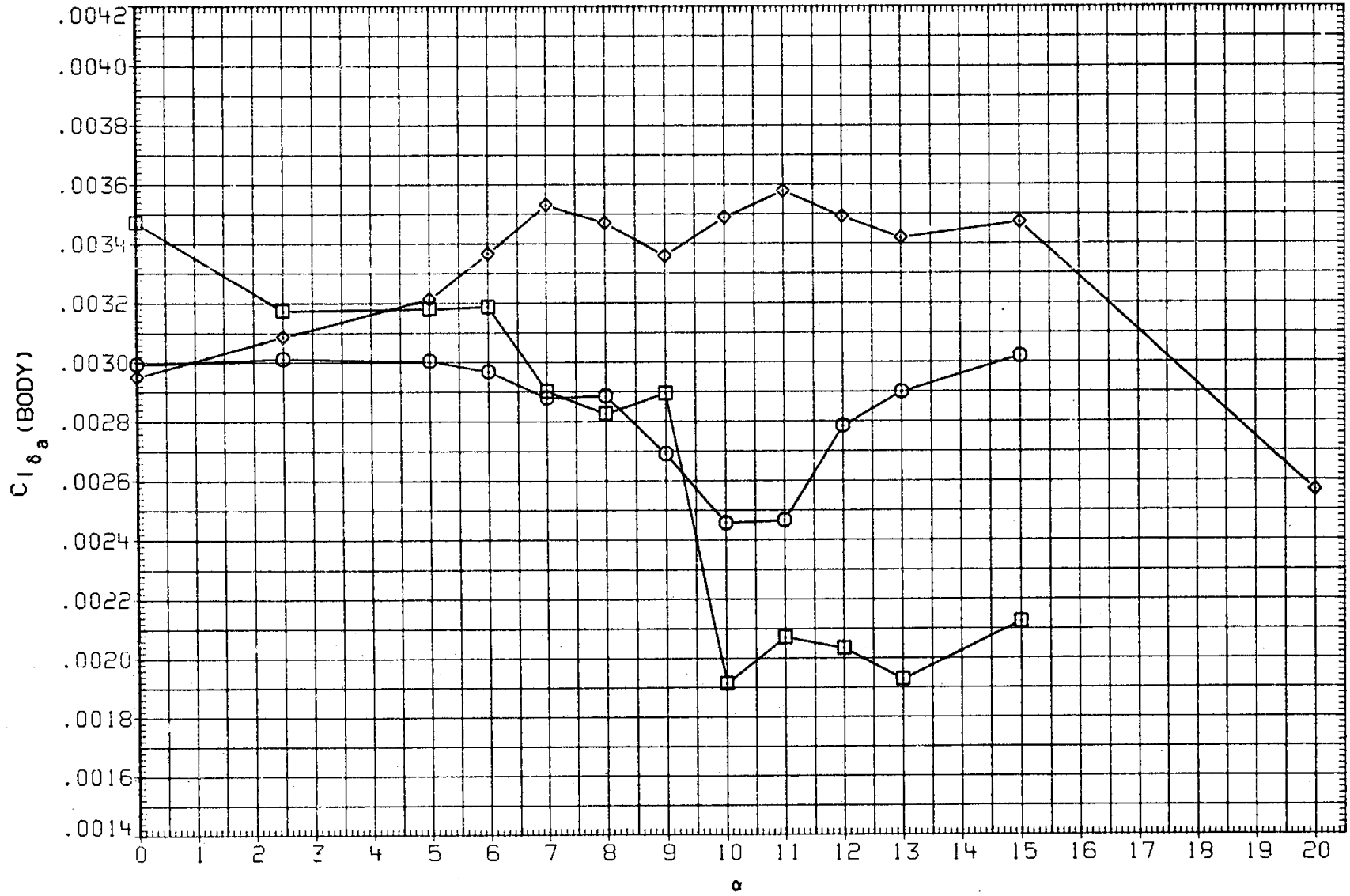


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.

BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
.000	.070	.000	25.500	-.030
.000	-4.690	.000	25.500	-.030
.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

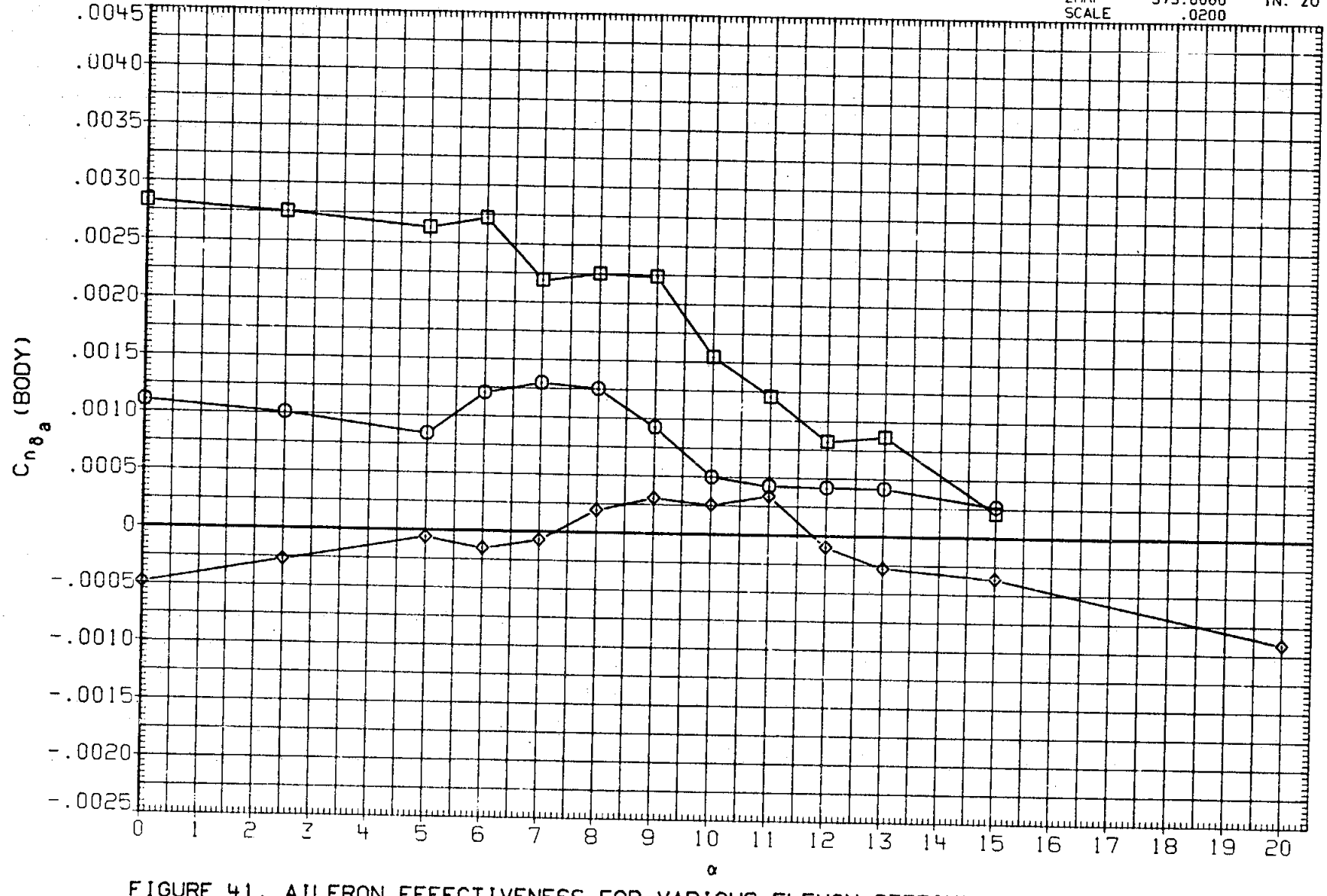


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

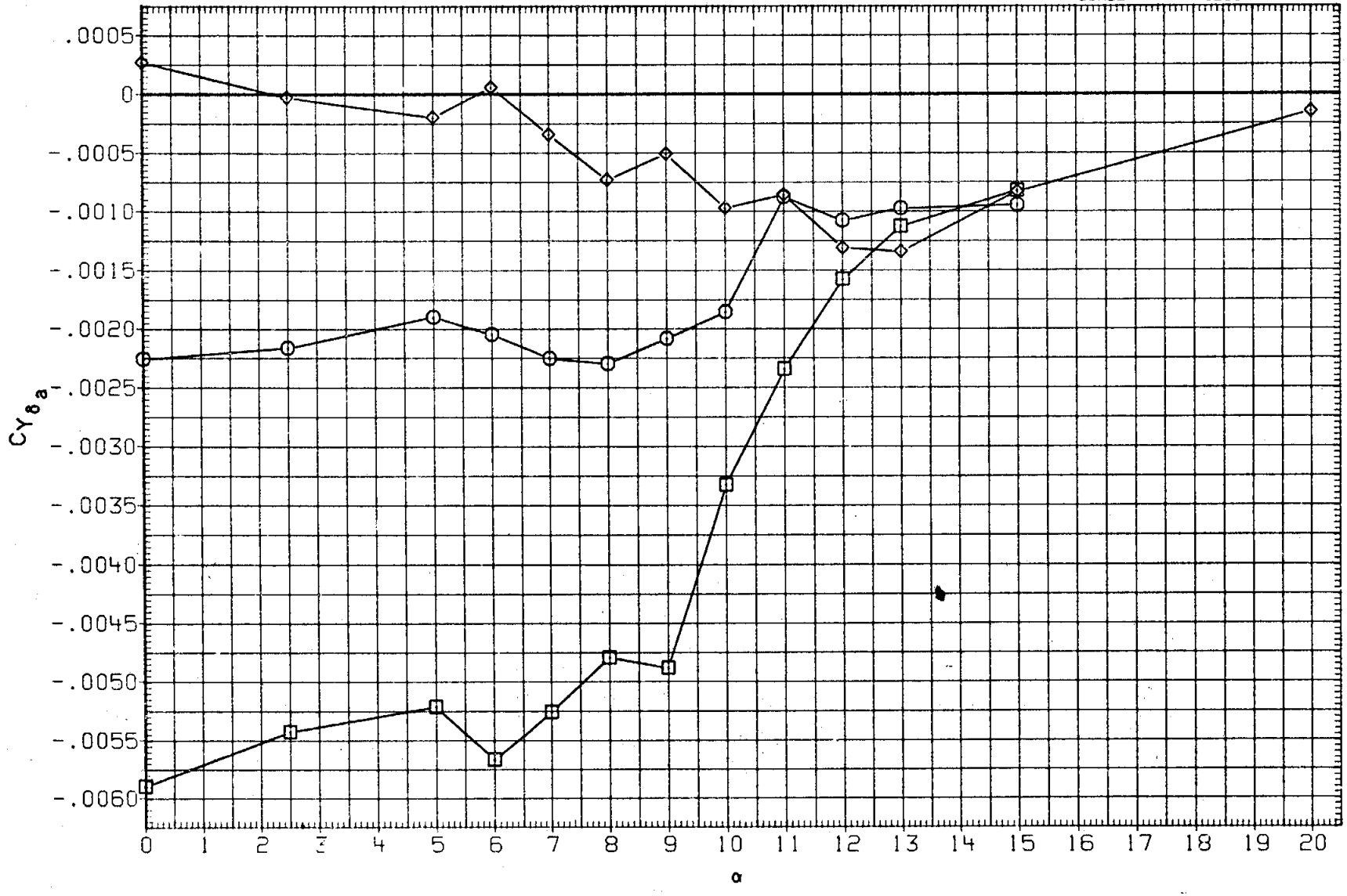


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	SDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

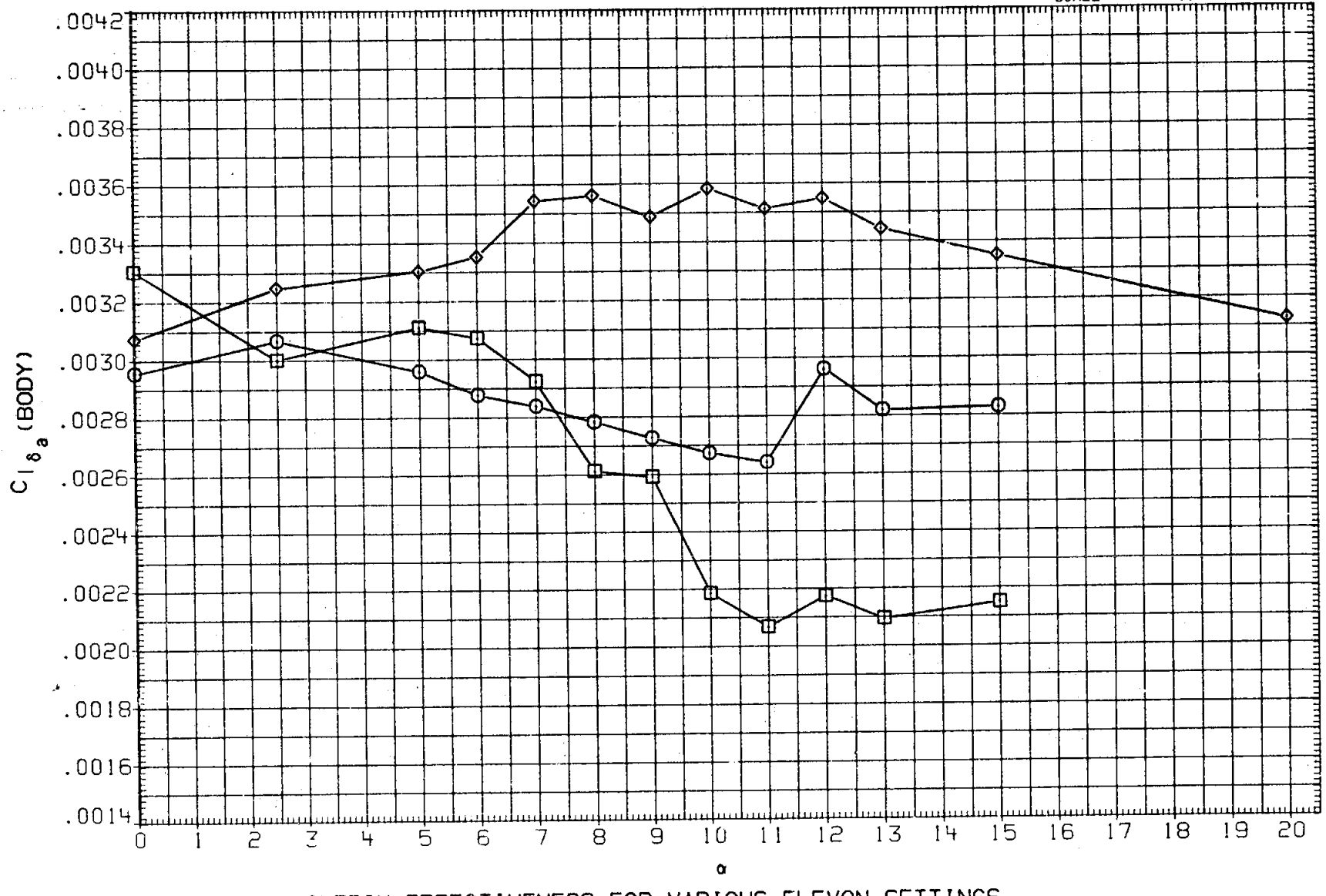


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

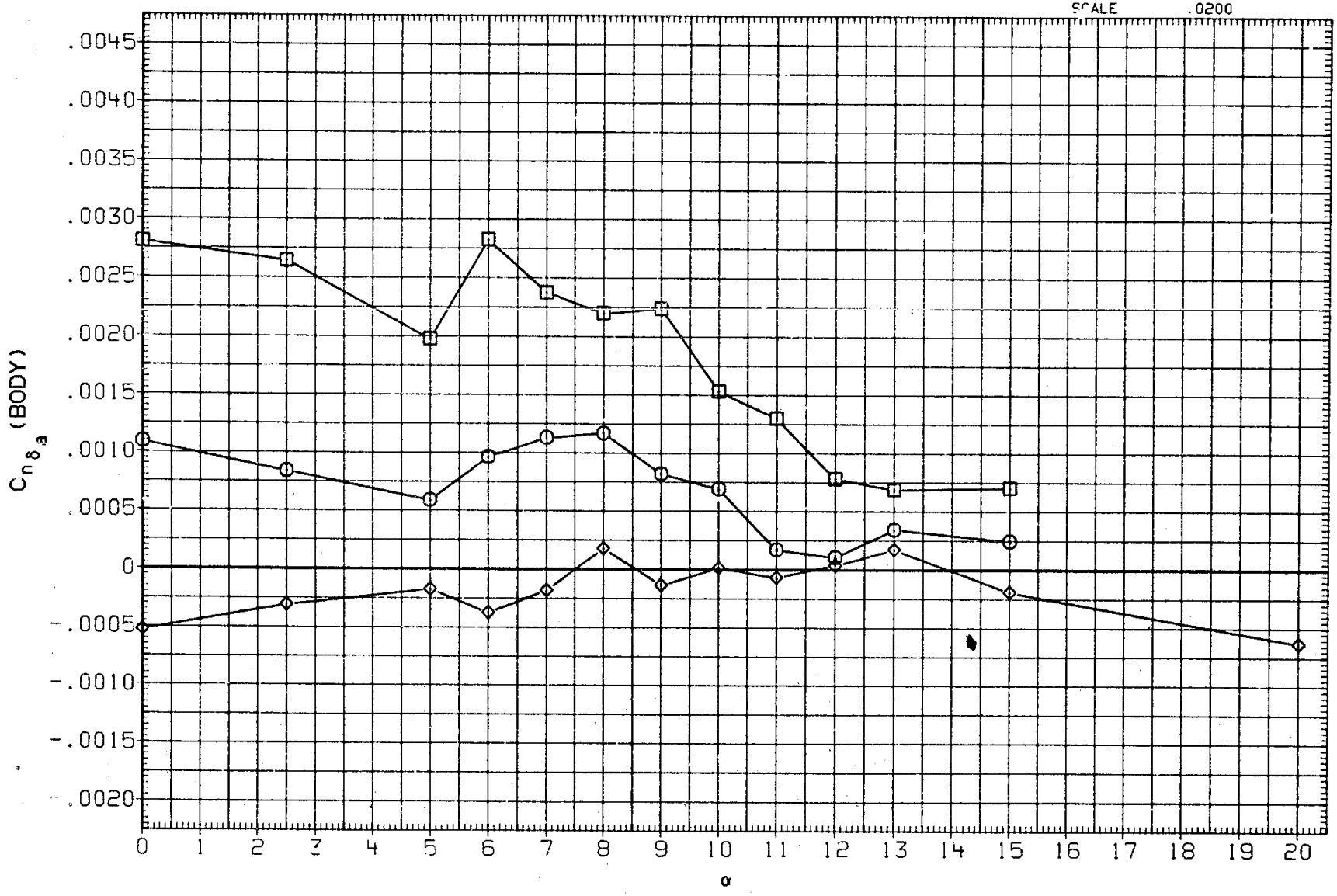


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BOFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

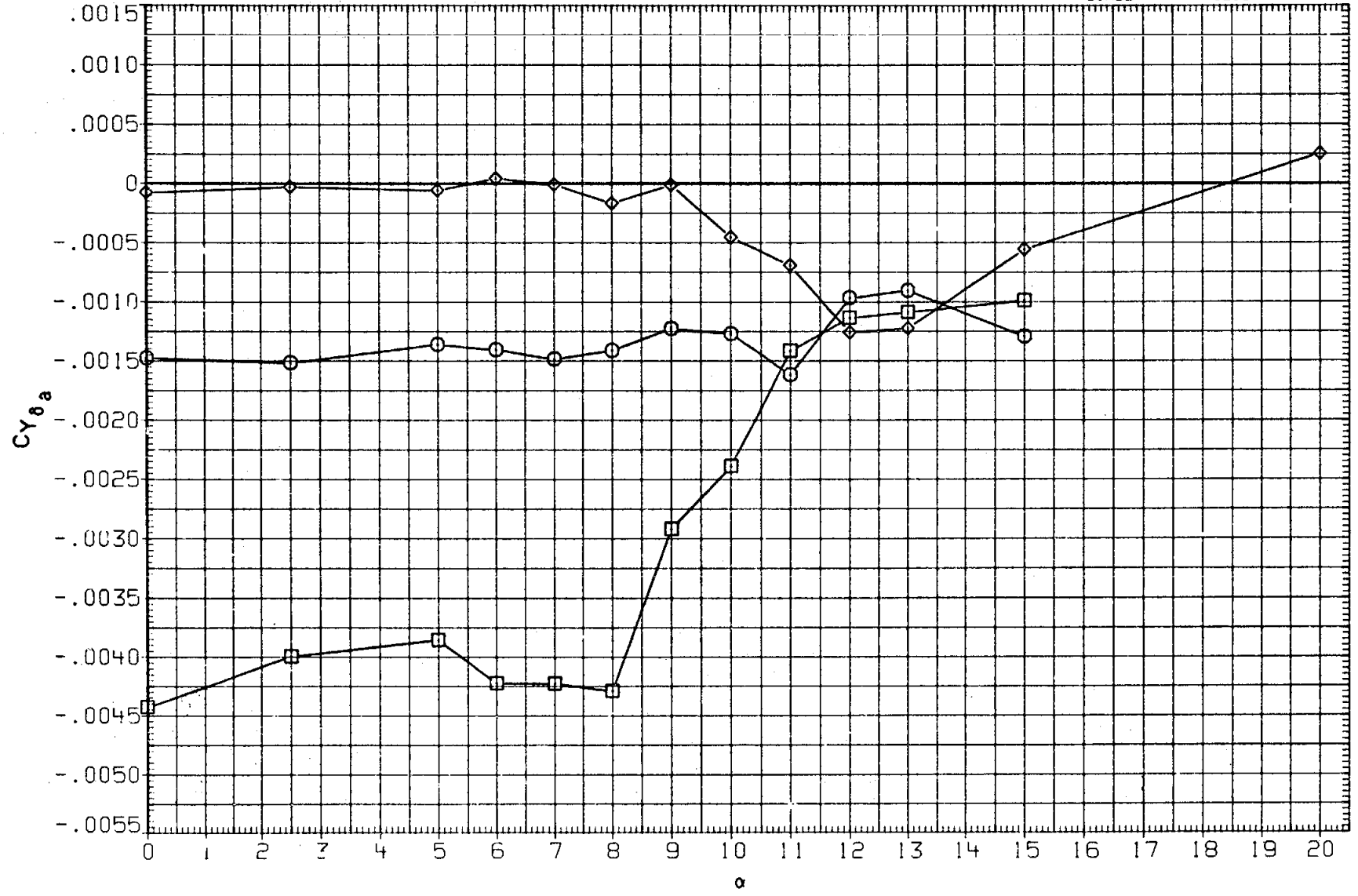


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A2703) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

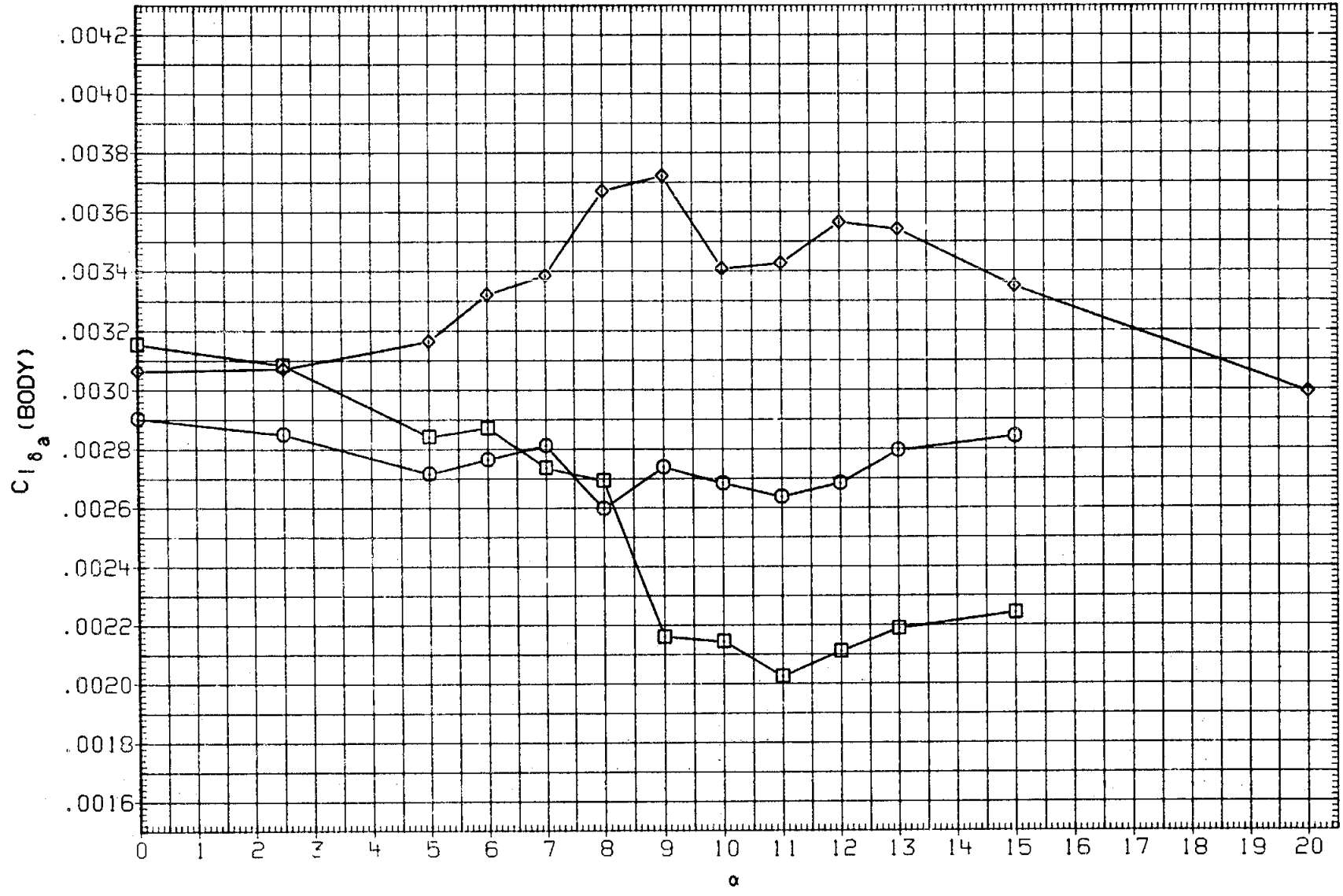


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

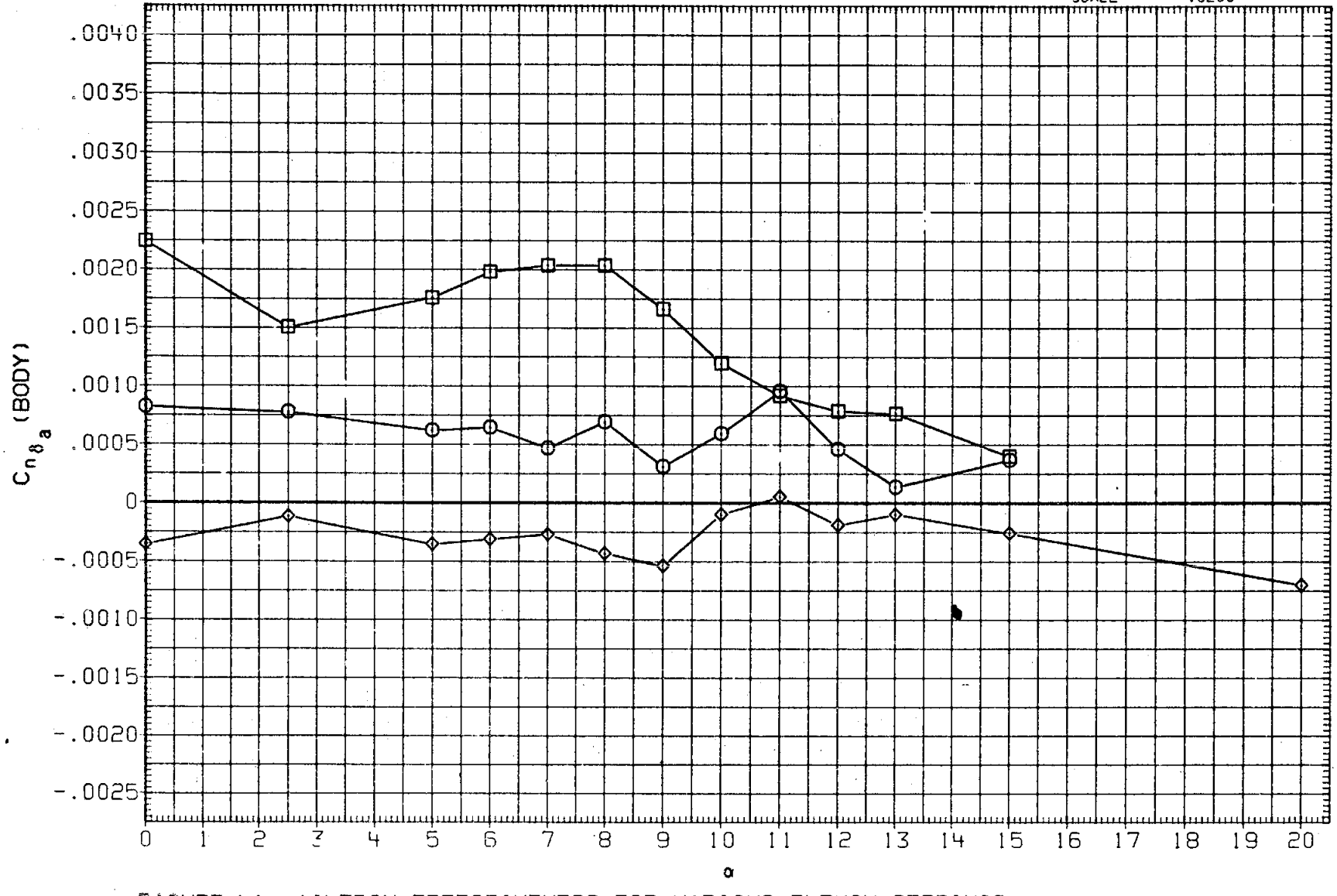


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(F) MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

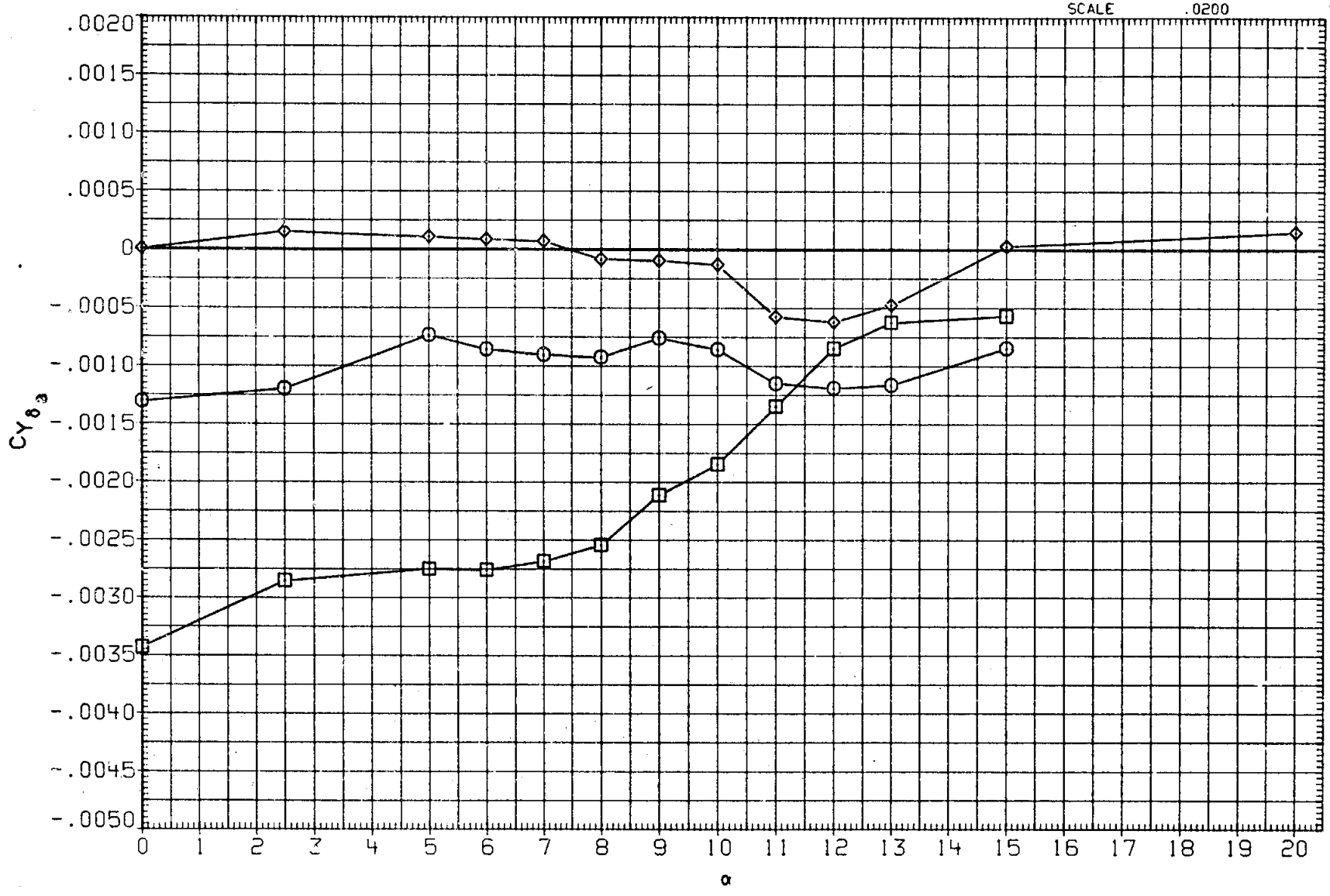


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

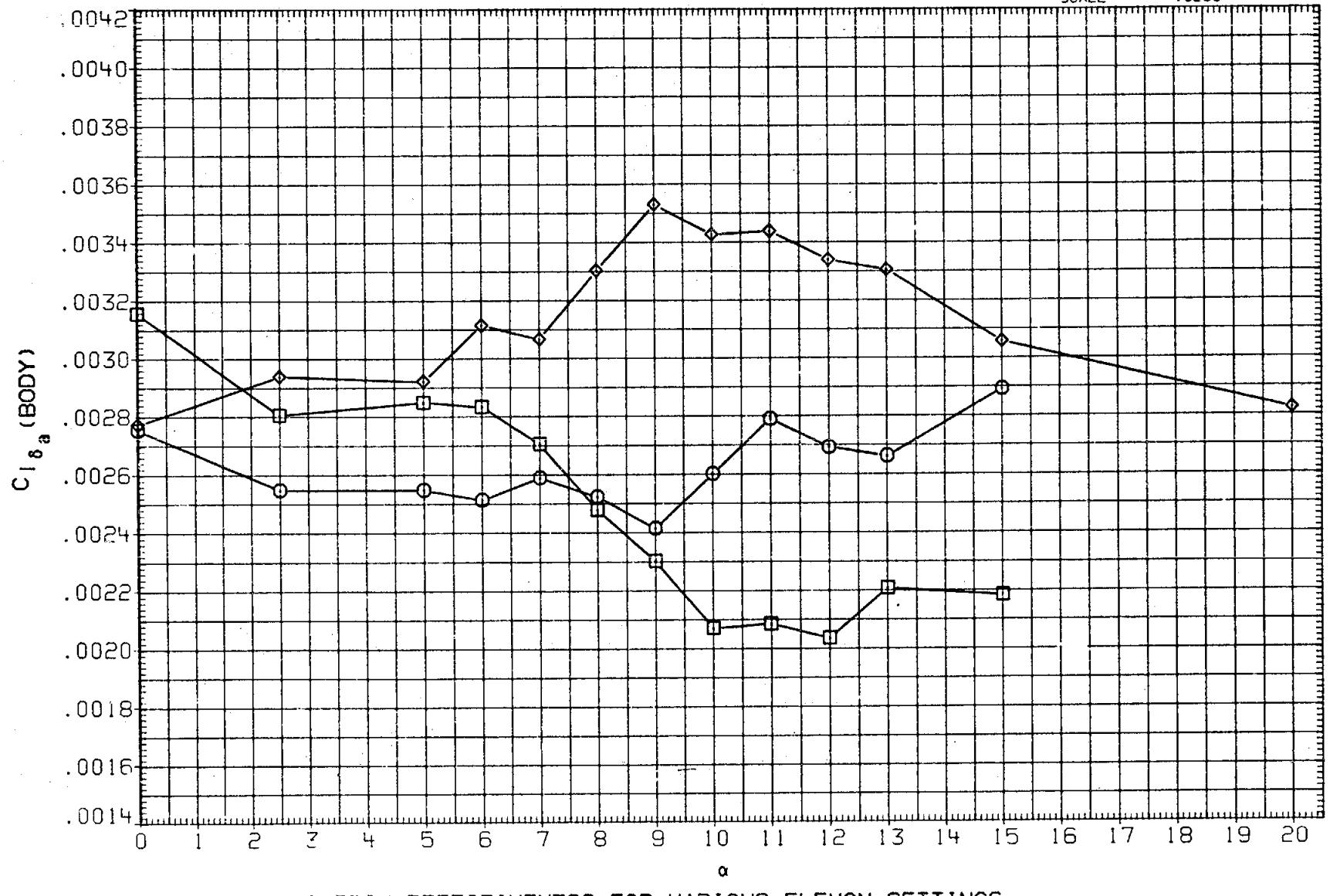


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORR.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

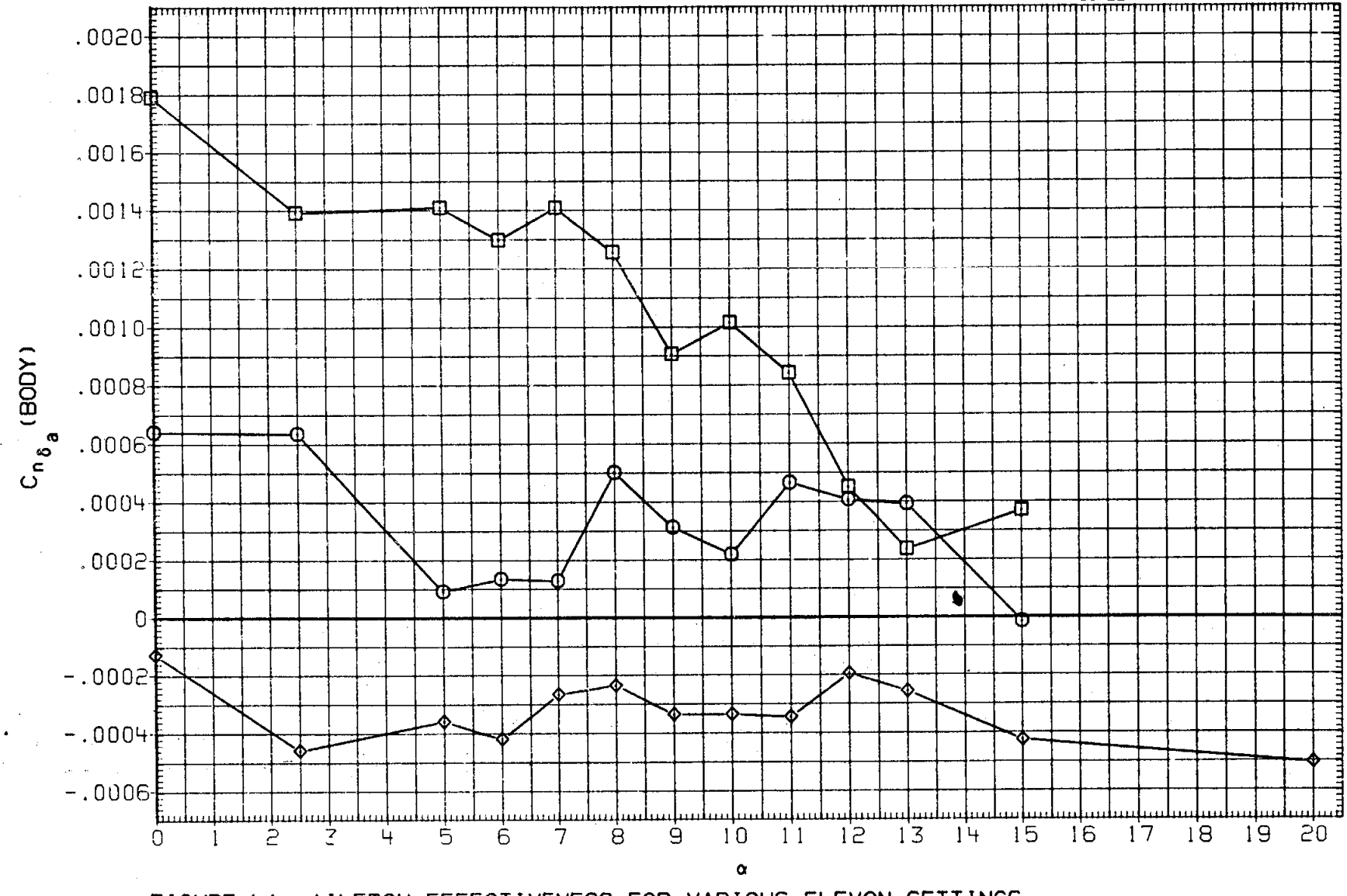


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

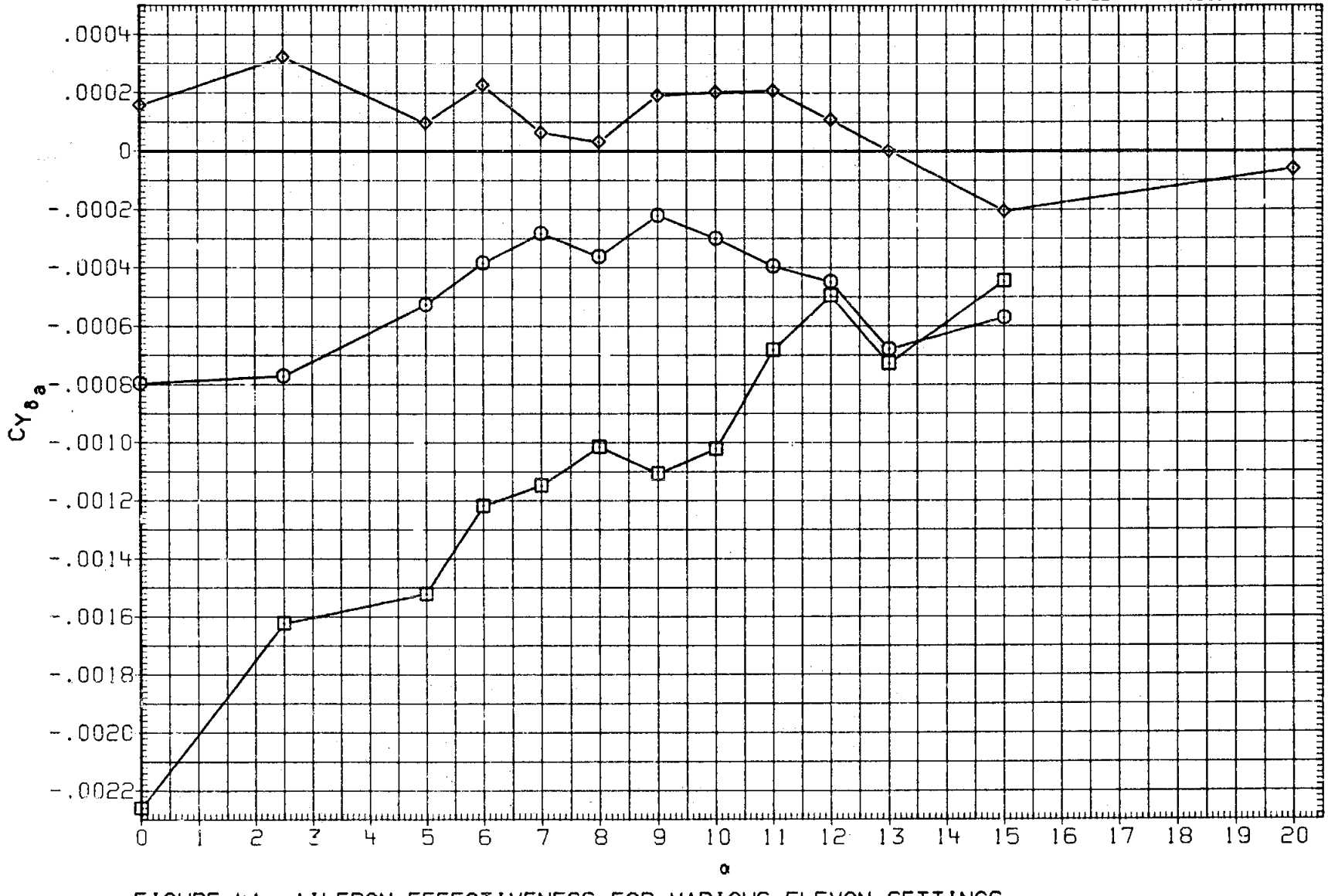


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

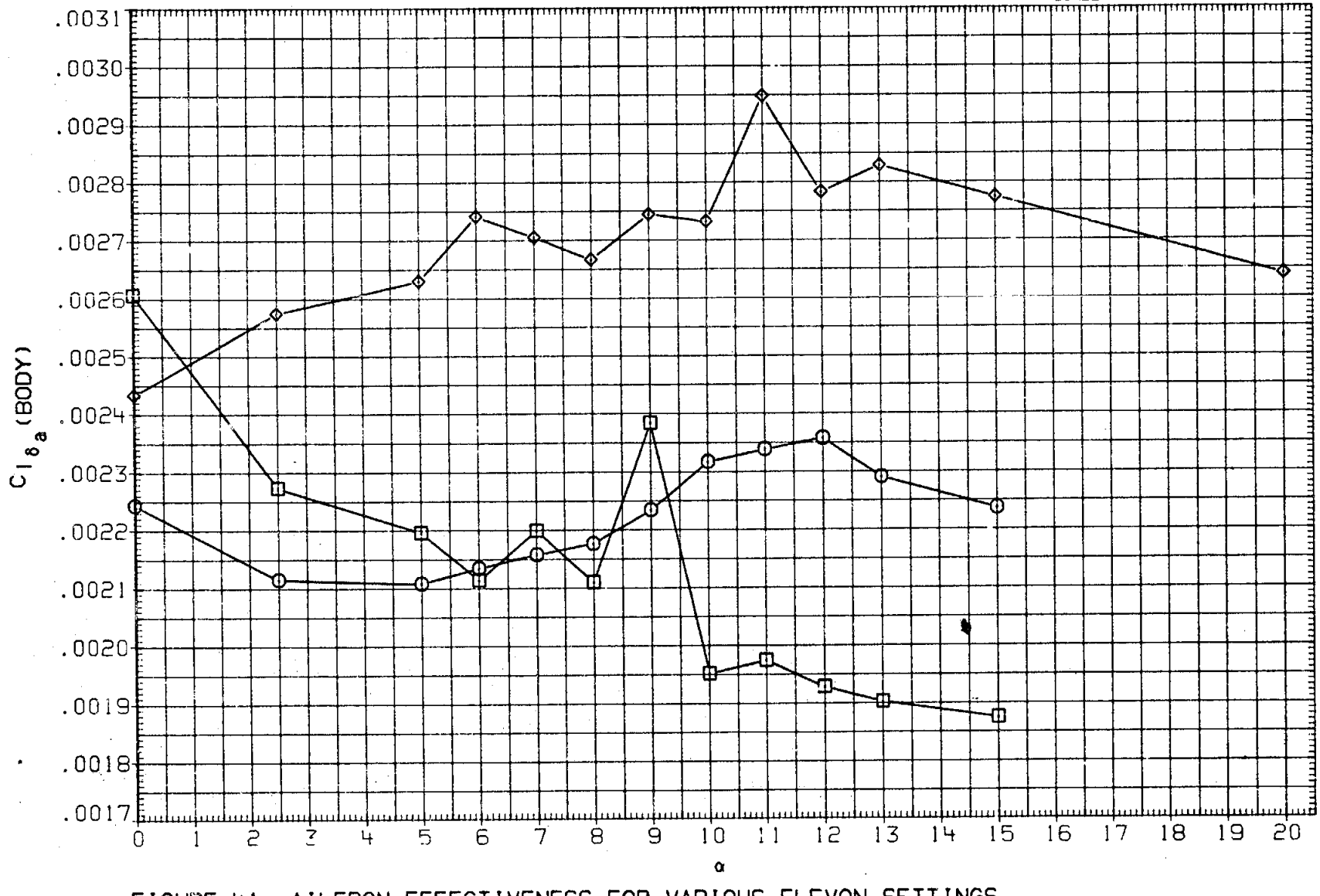


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

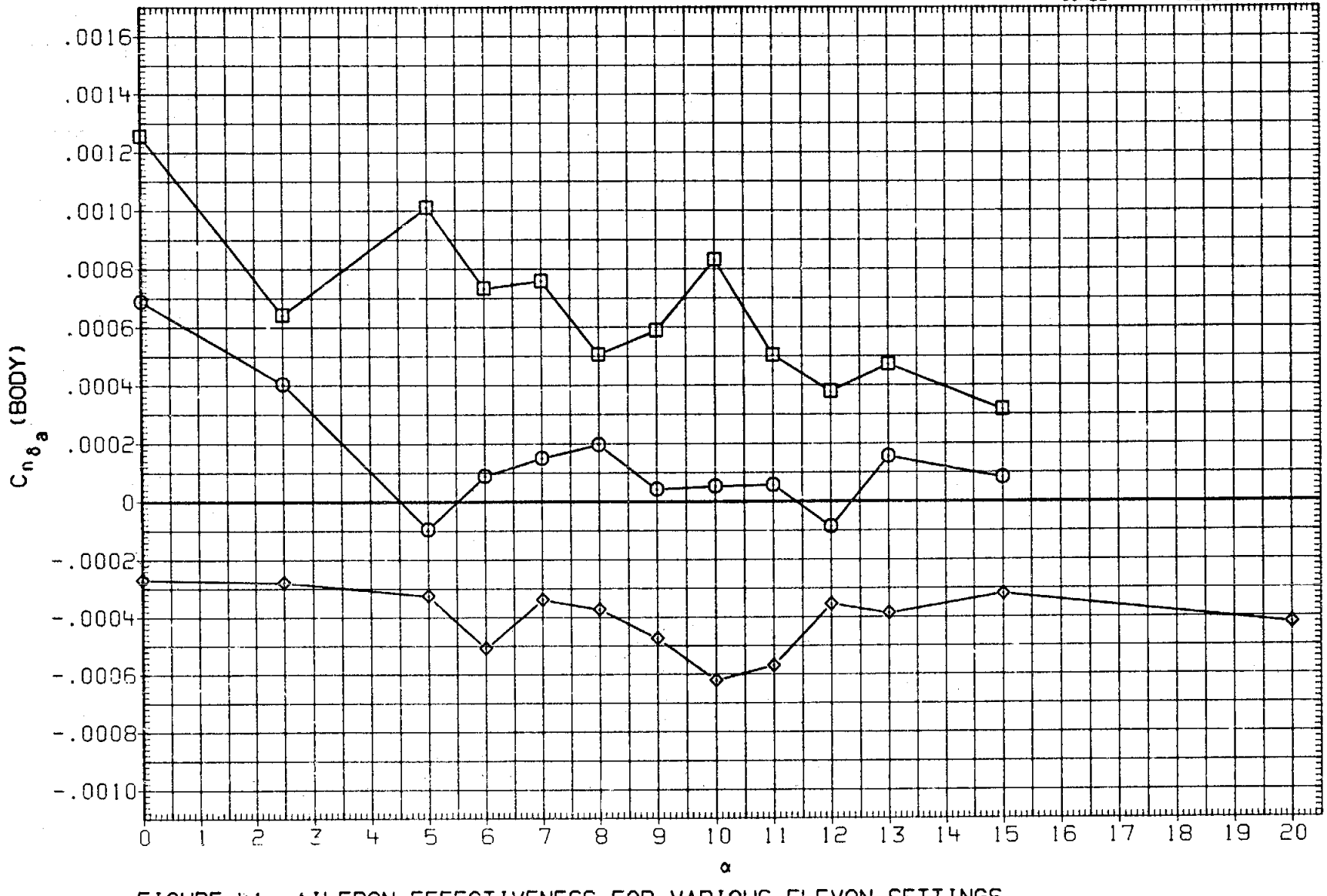


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	774.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

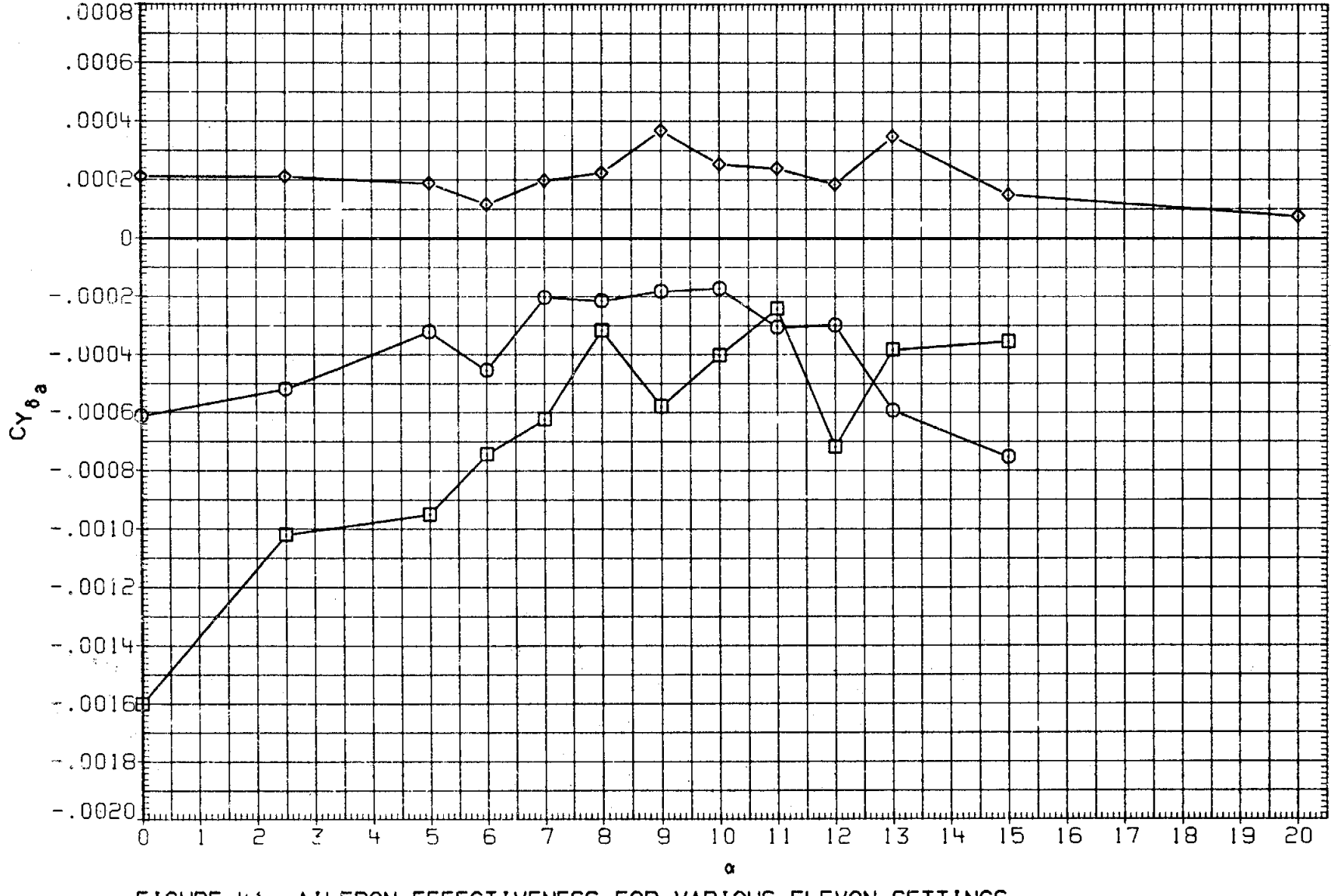


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

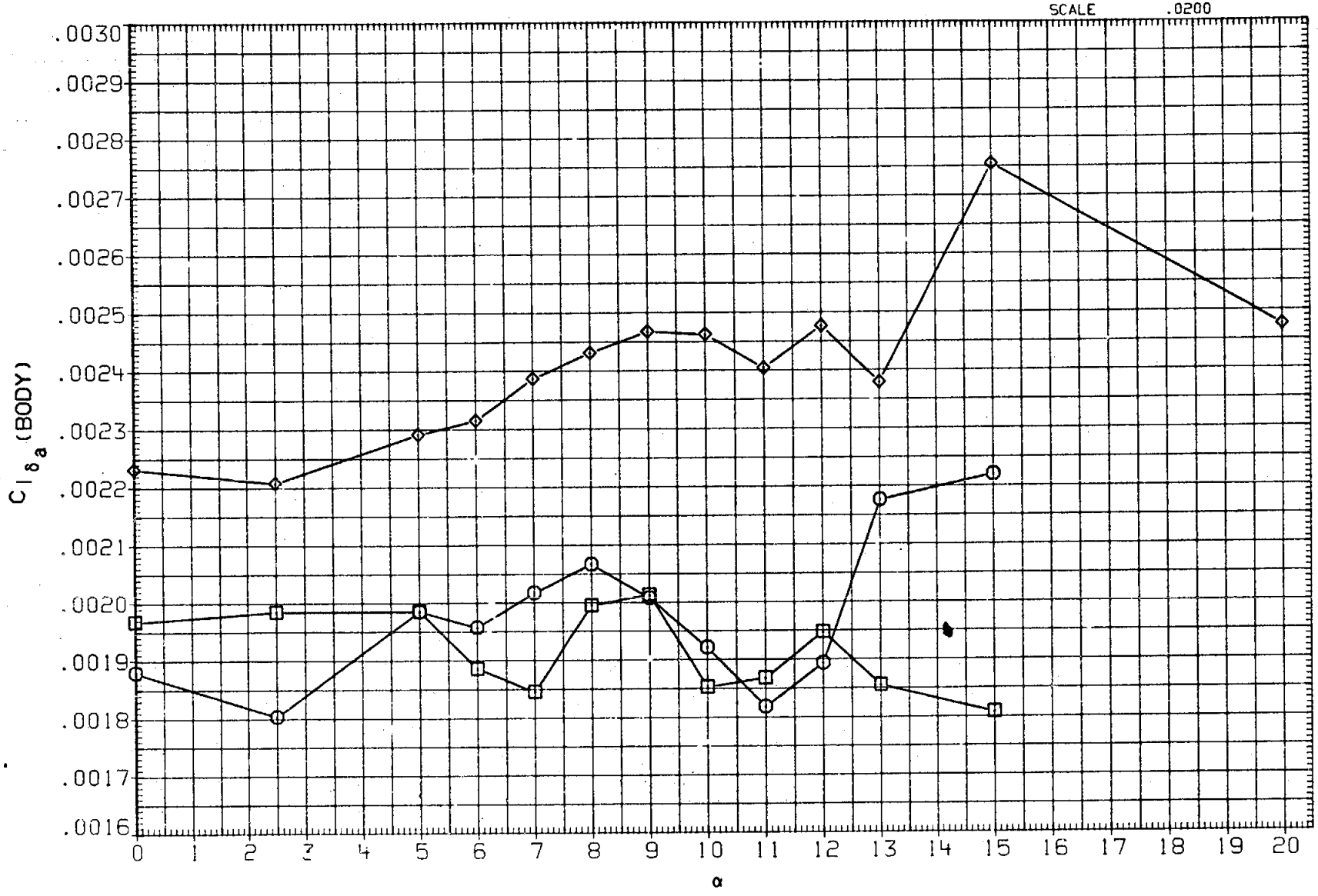


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	BDFLAP	SPDBRK	RUDDER
MK0007	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.070	.000	25.500	-.030
MK0010	□	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	-4.690	.000	25.500	-.030
MK0011	◇	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	5.060	.000	25.500	-.030

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0200	

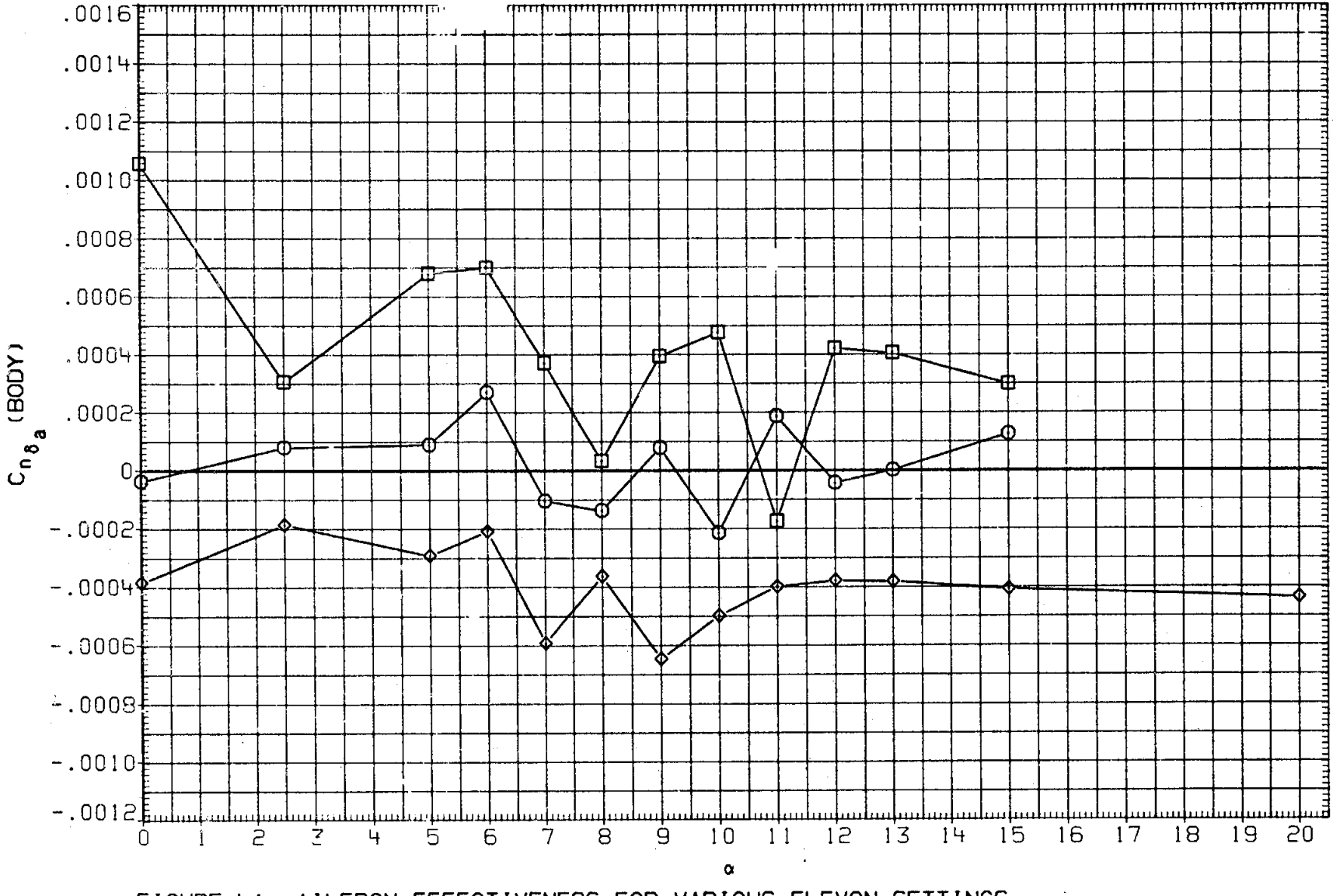


FIGURE 41. AILERON EFFECTIVENESS FOR VARIOUS ELEVON SETTINGS

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

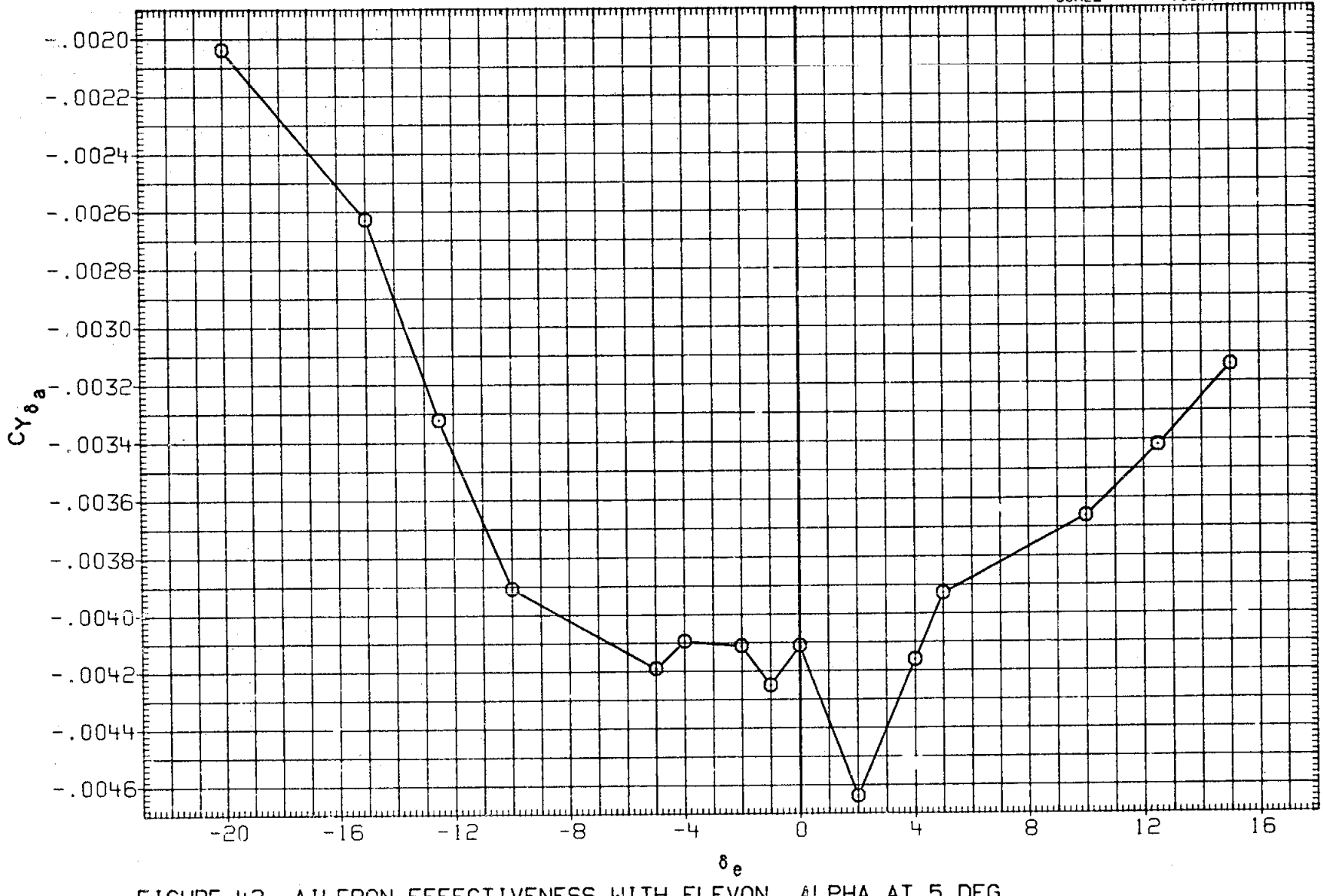


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(A)MACH = .60

DATA SET SYMBOL		CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

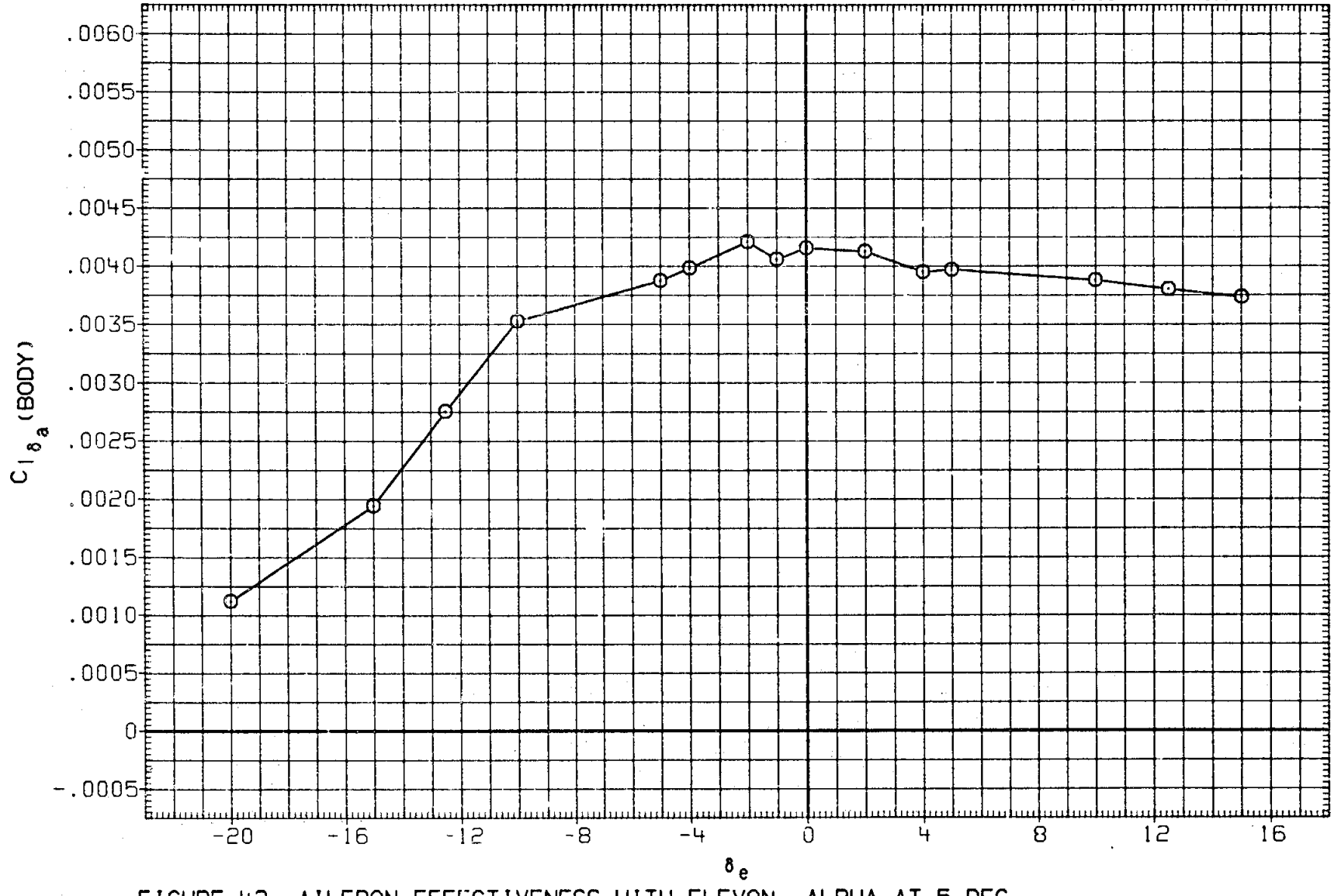


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(A)MACH = .60

DATA SET SYMBOL		CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

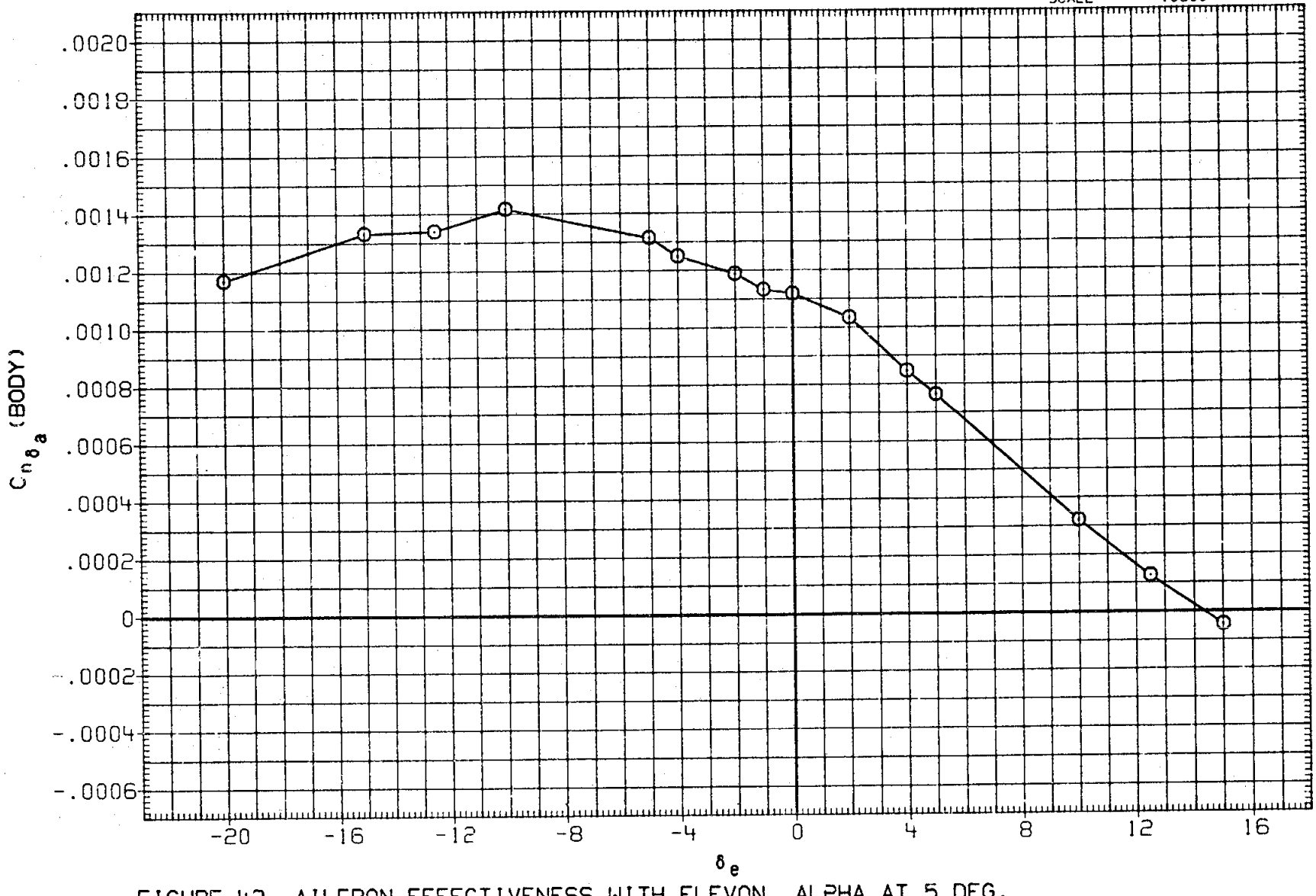


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(A)MACH = .60

DATA SET SYMBOL		CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

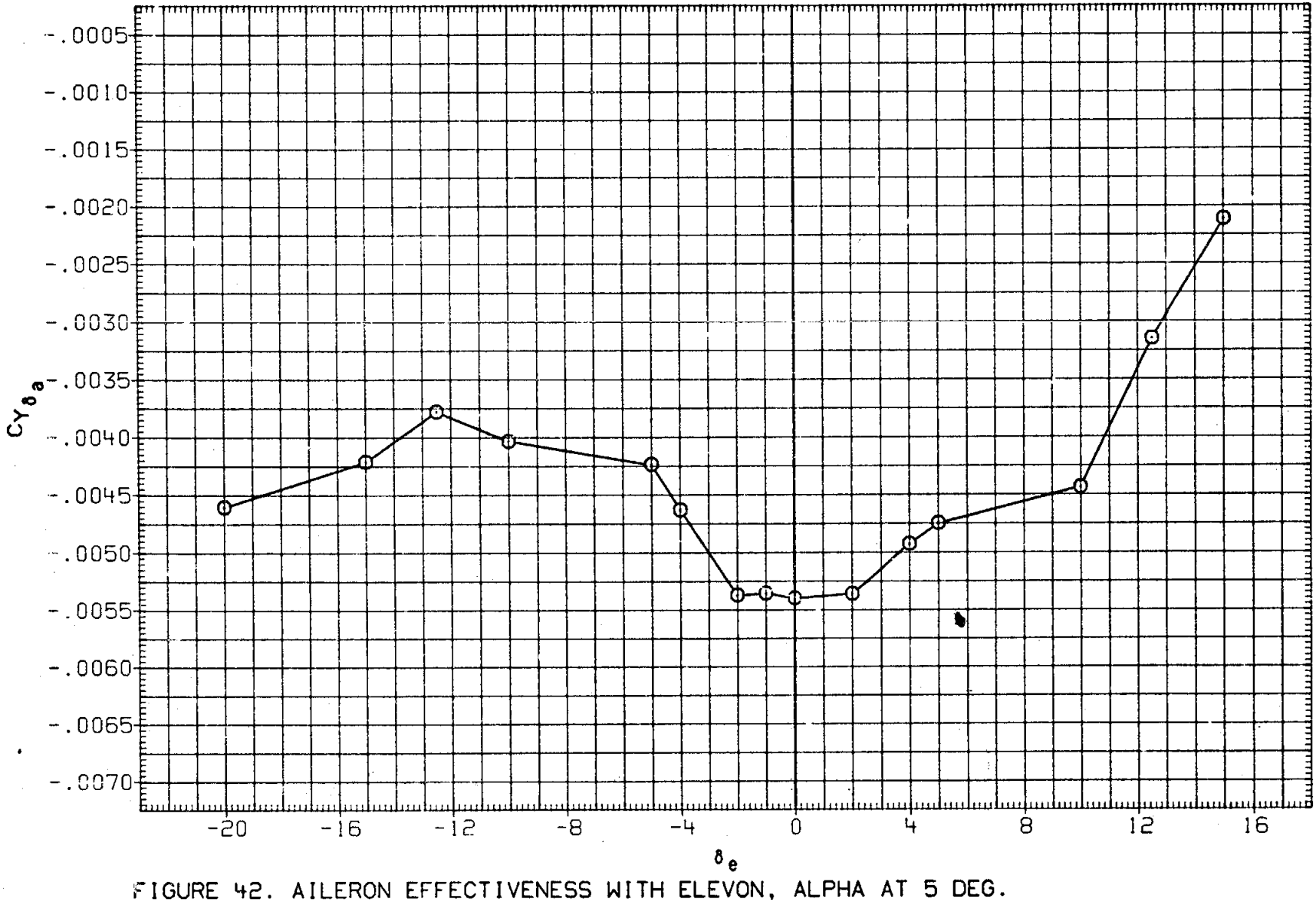


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

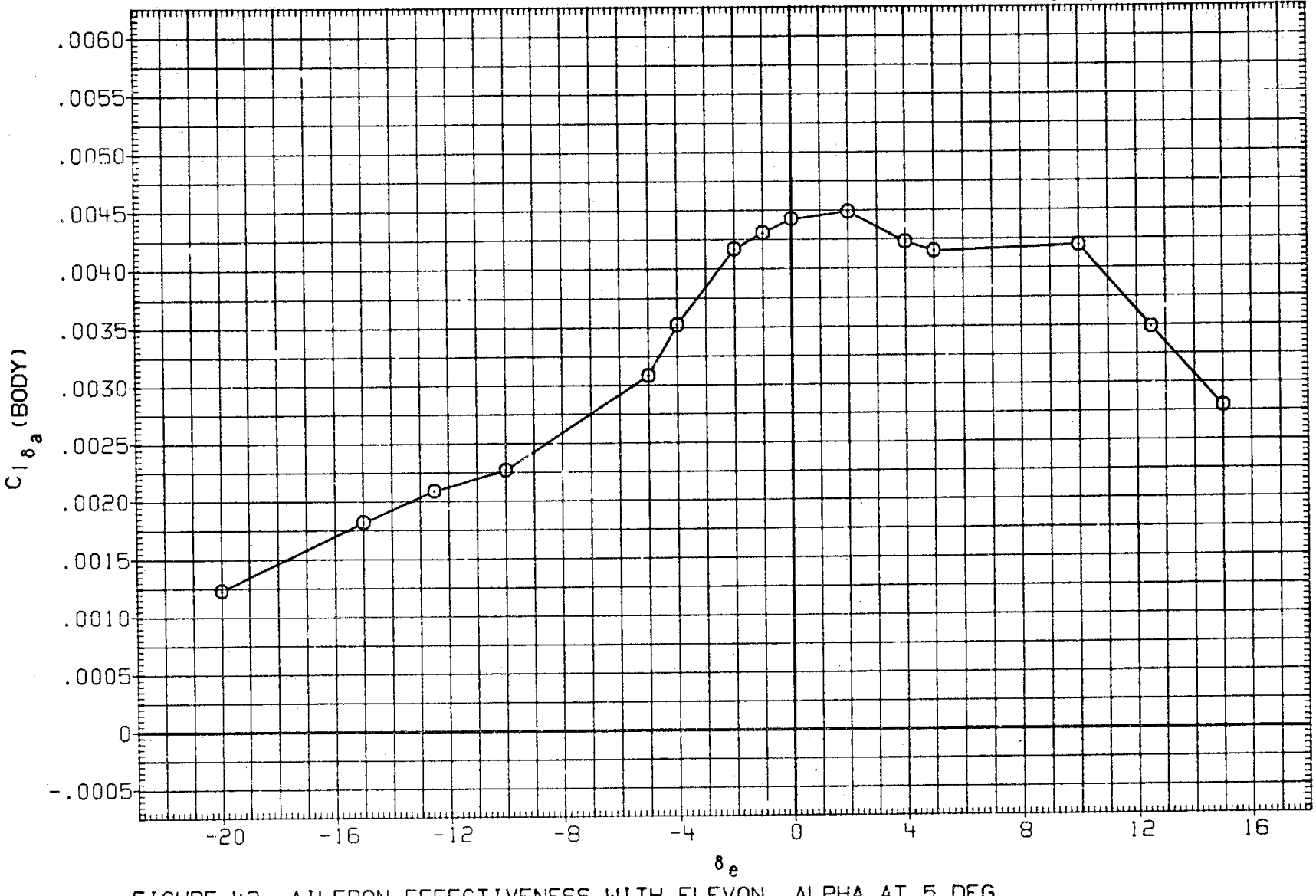


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(B) MACH - .80

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TW1 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

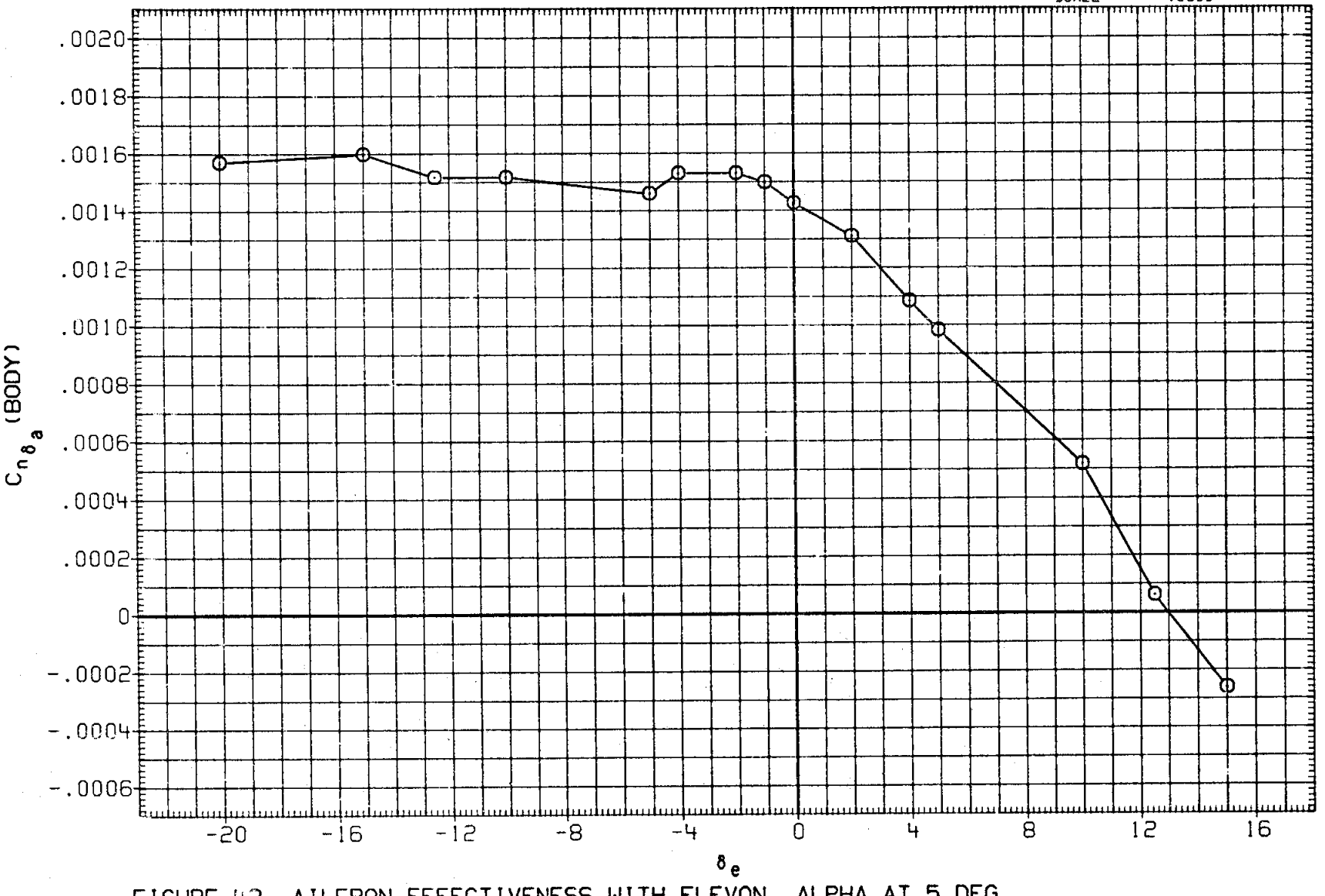


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

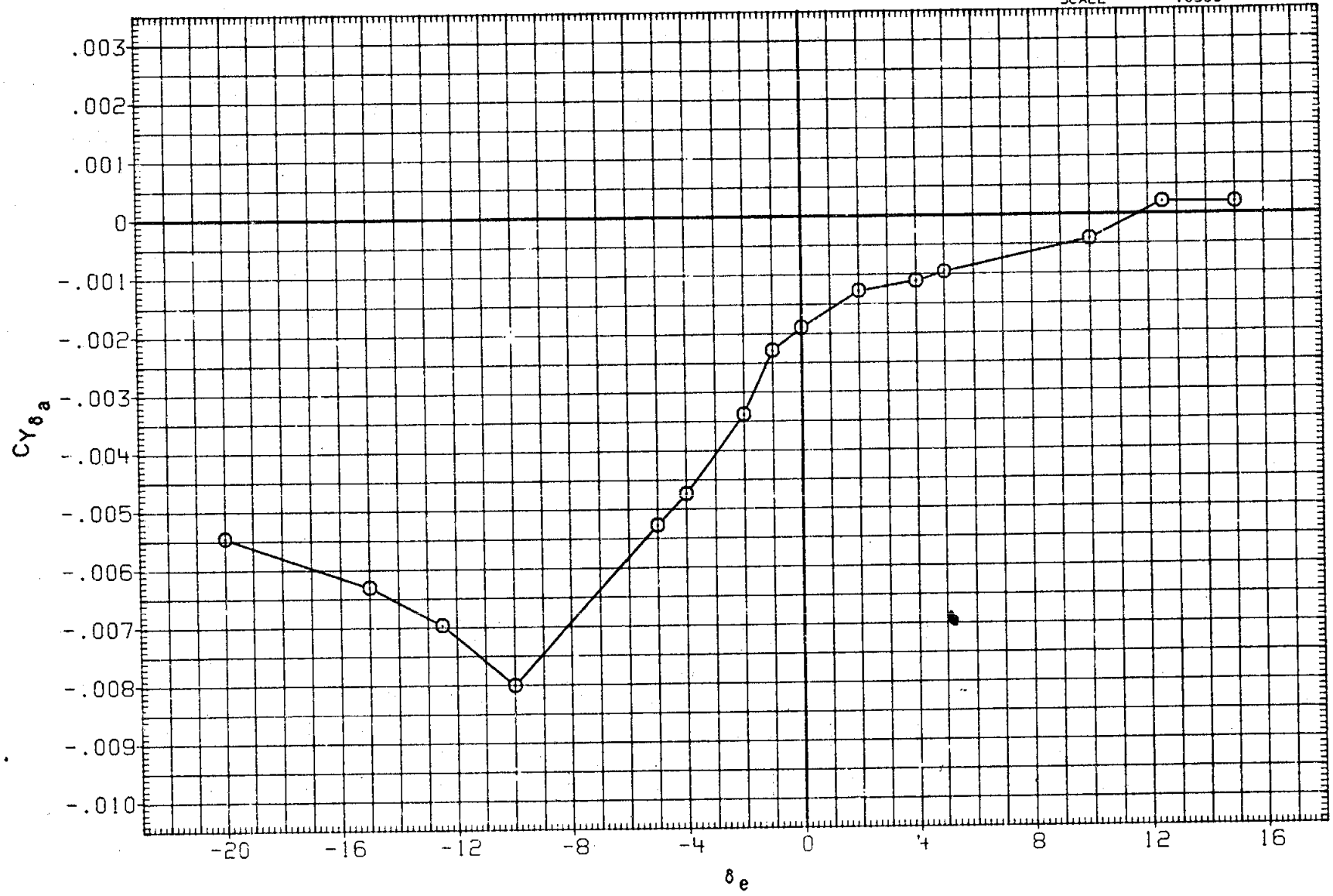


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(C)MACH = 1.05

DATA SET SYMBOL		CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

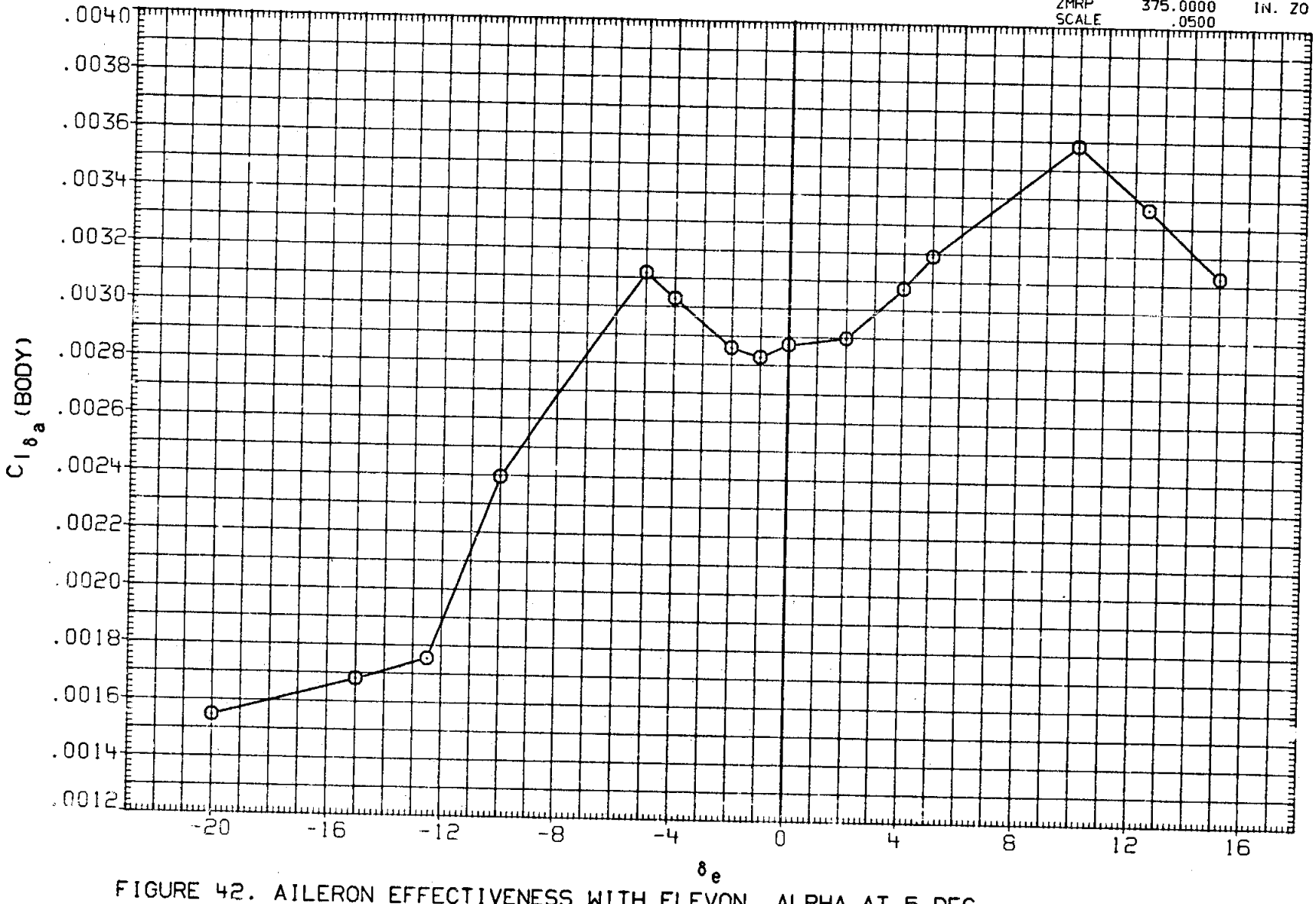


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(C)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(C)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	○	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

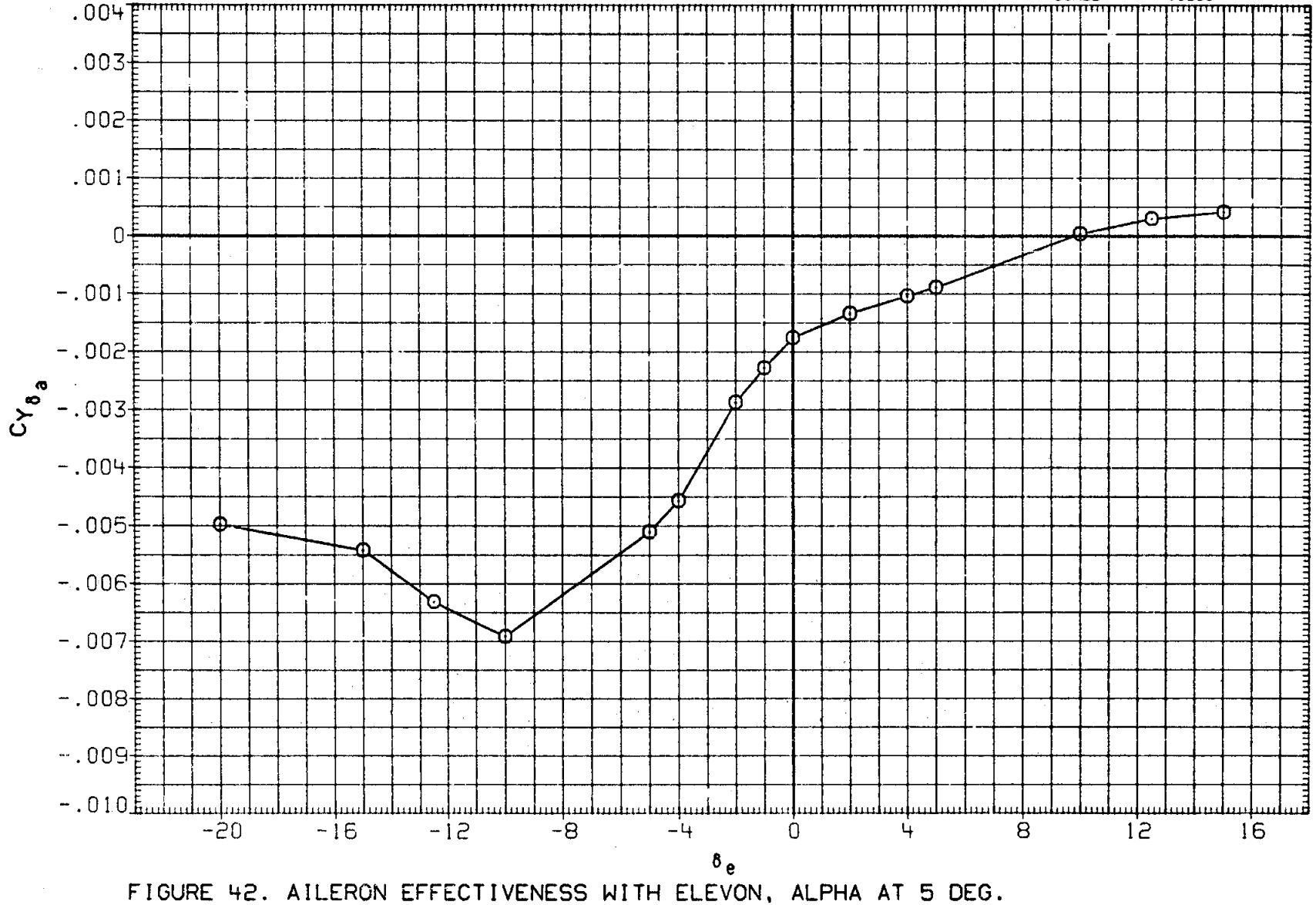


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(D)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

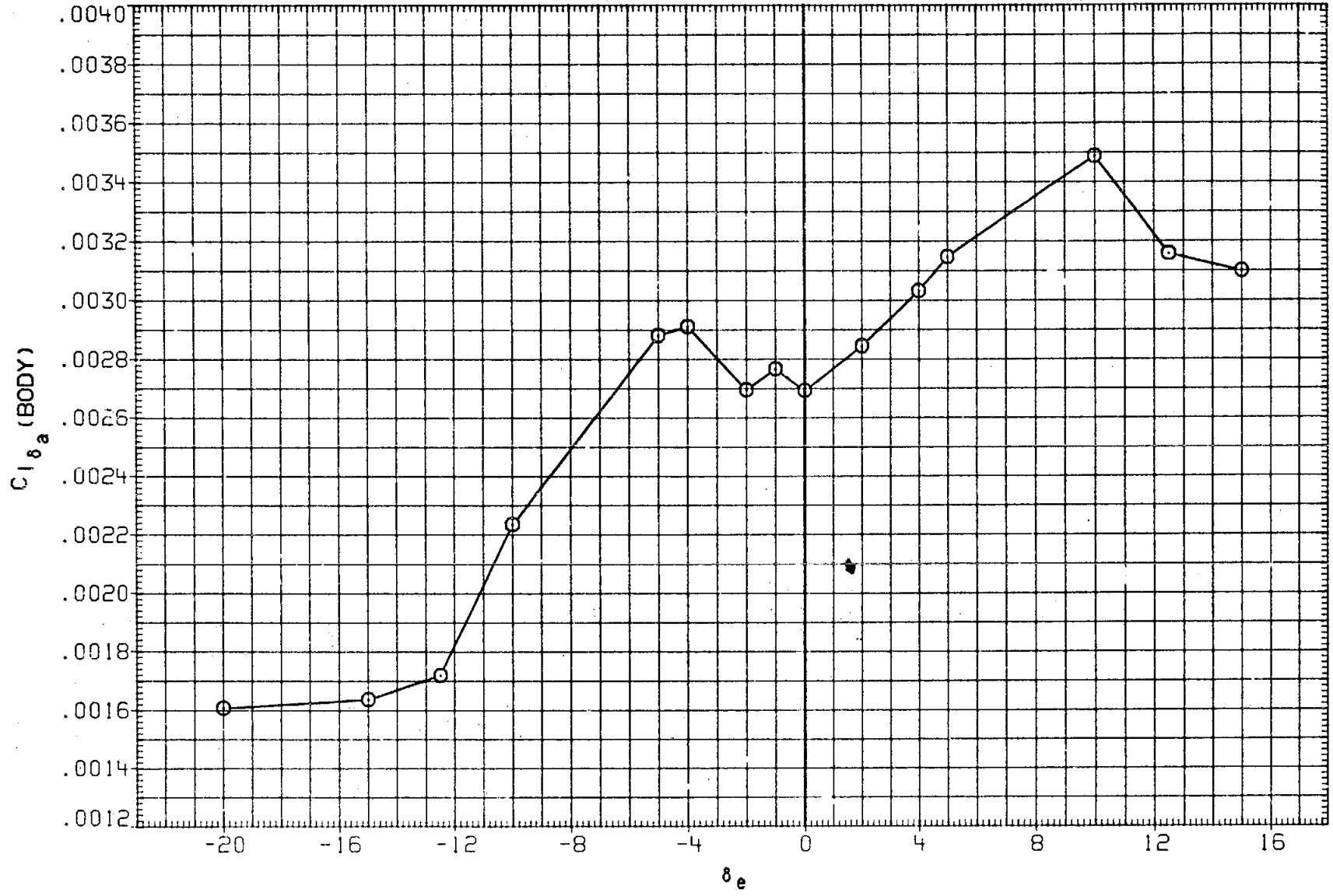


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(D)MACH = 1.10

DATA SET SYMBOL		CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	○	LARC 16FT TWT 3261OA270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

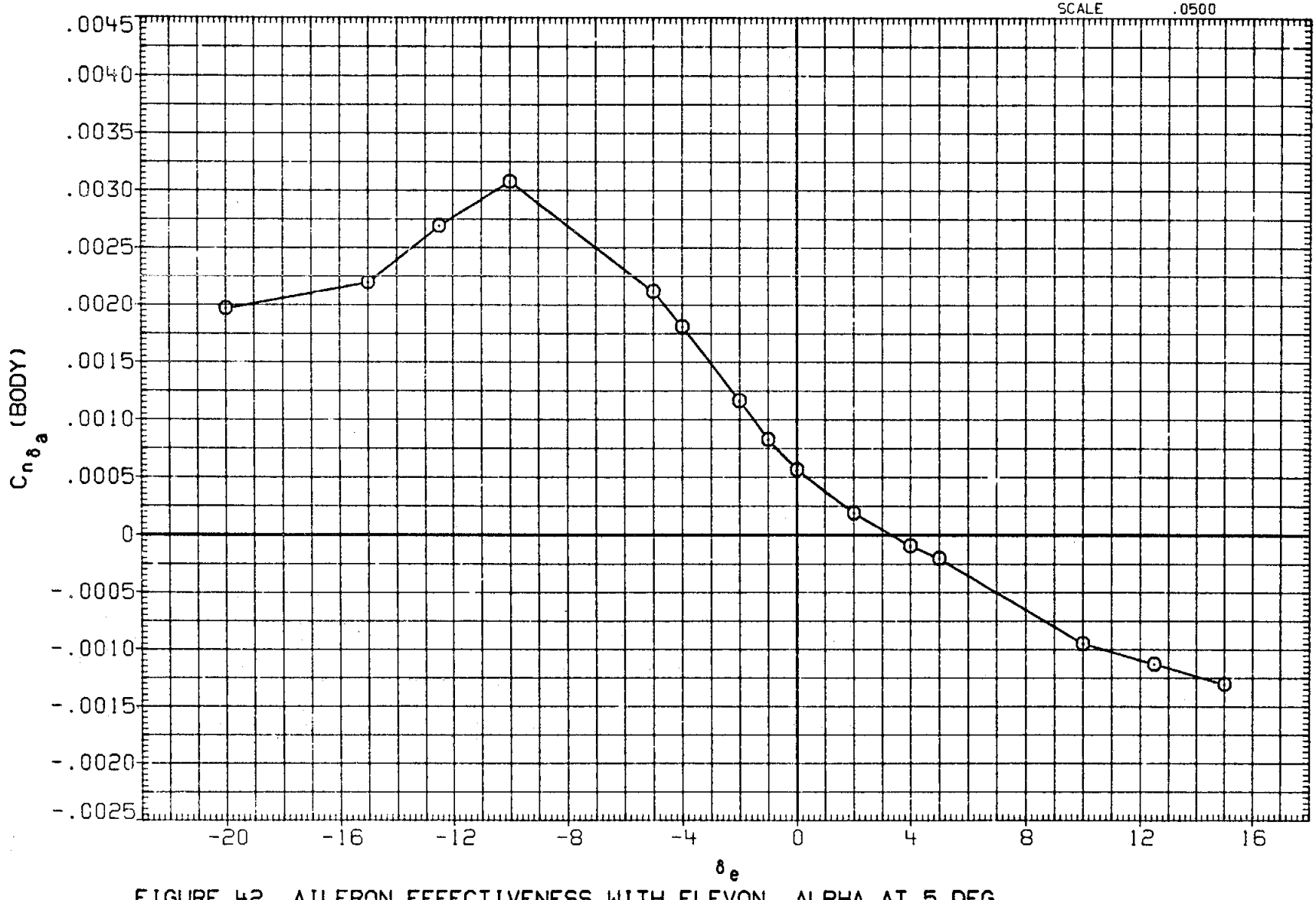


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(D)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

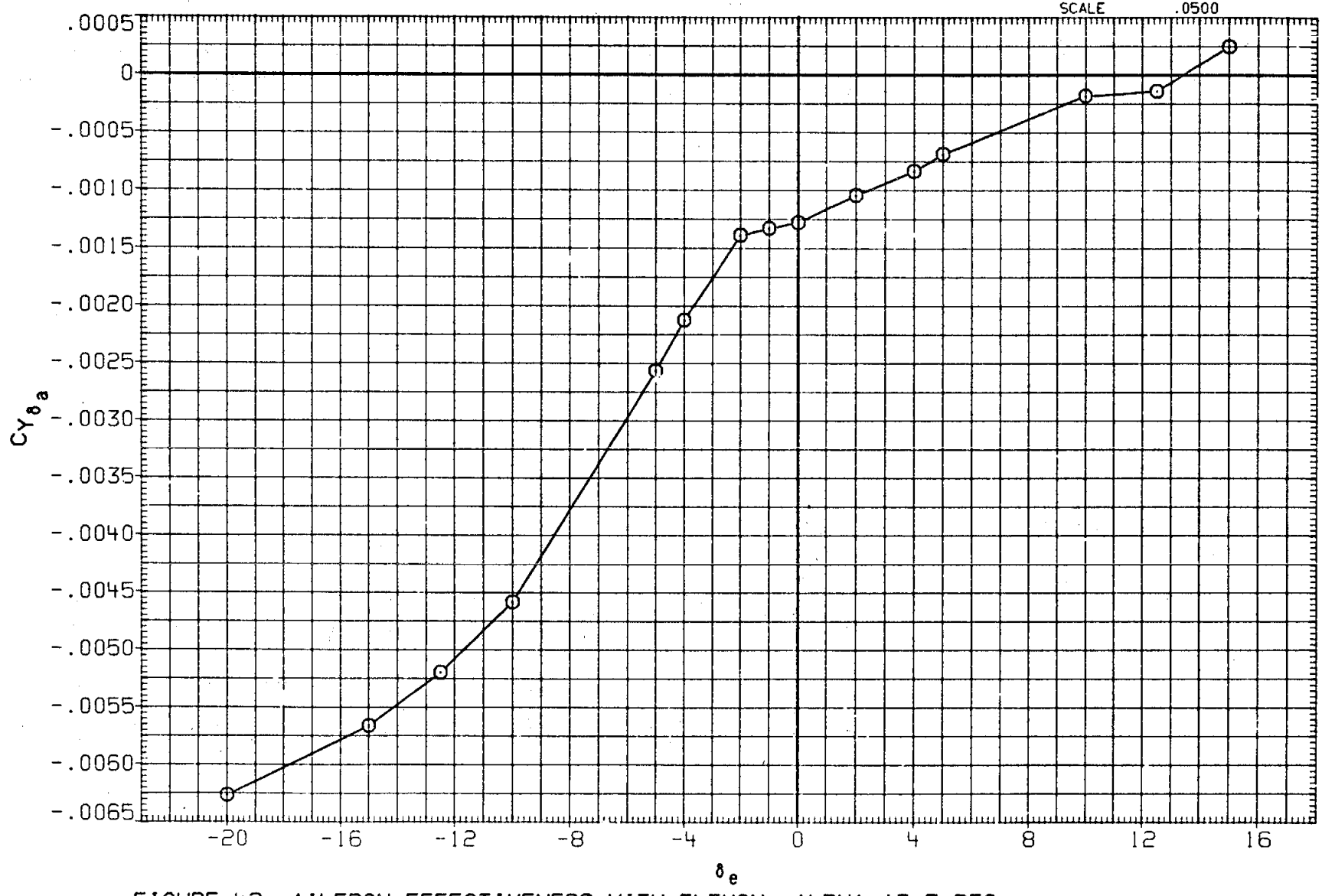


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(E)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

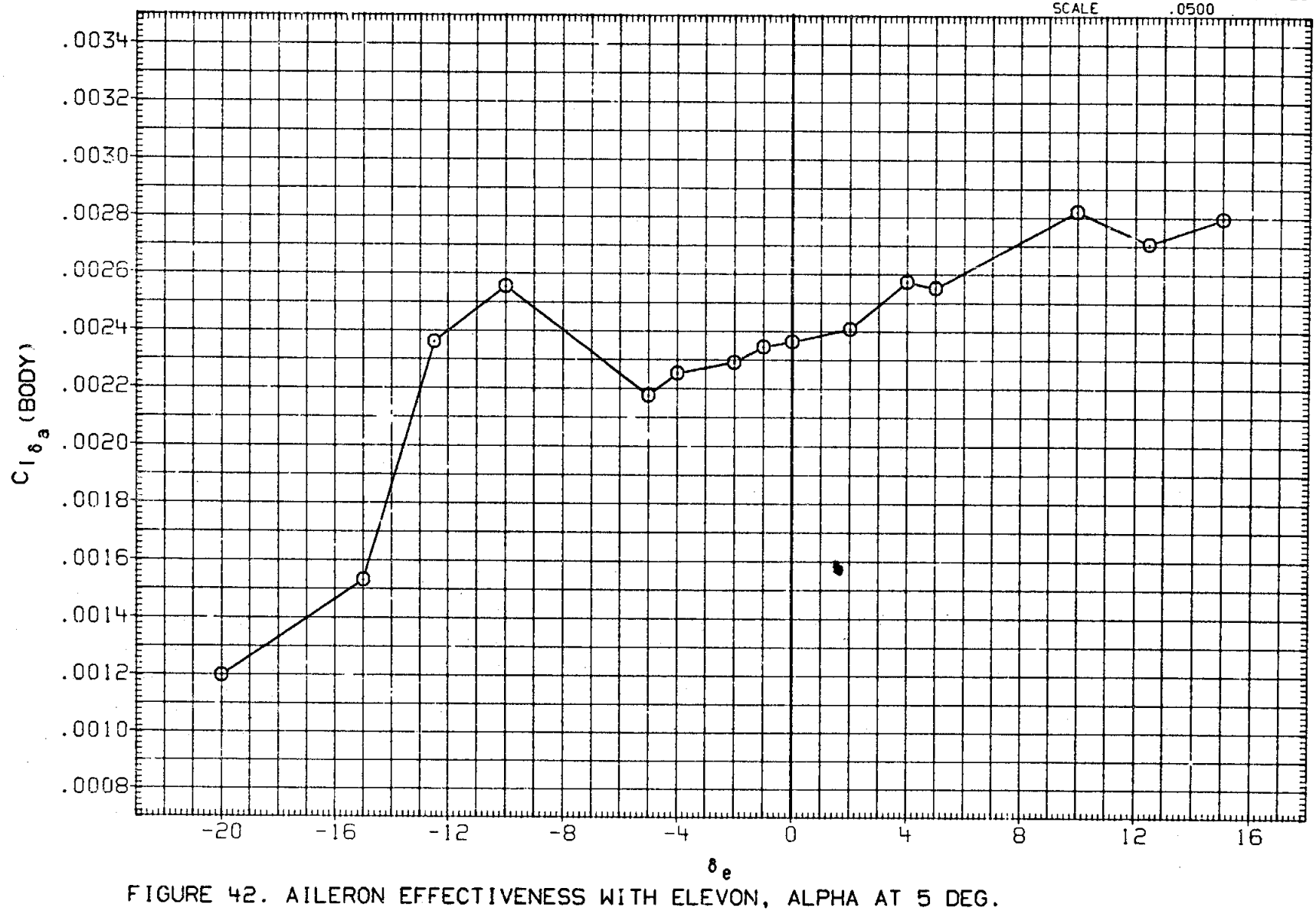


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(E)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

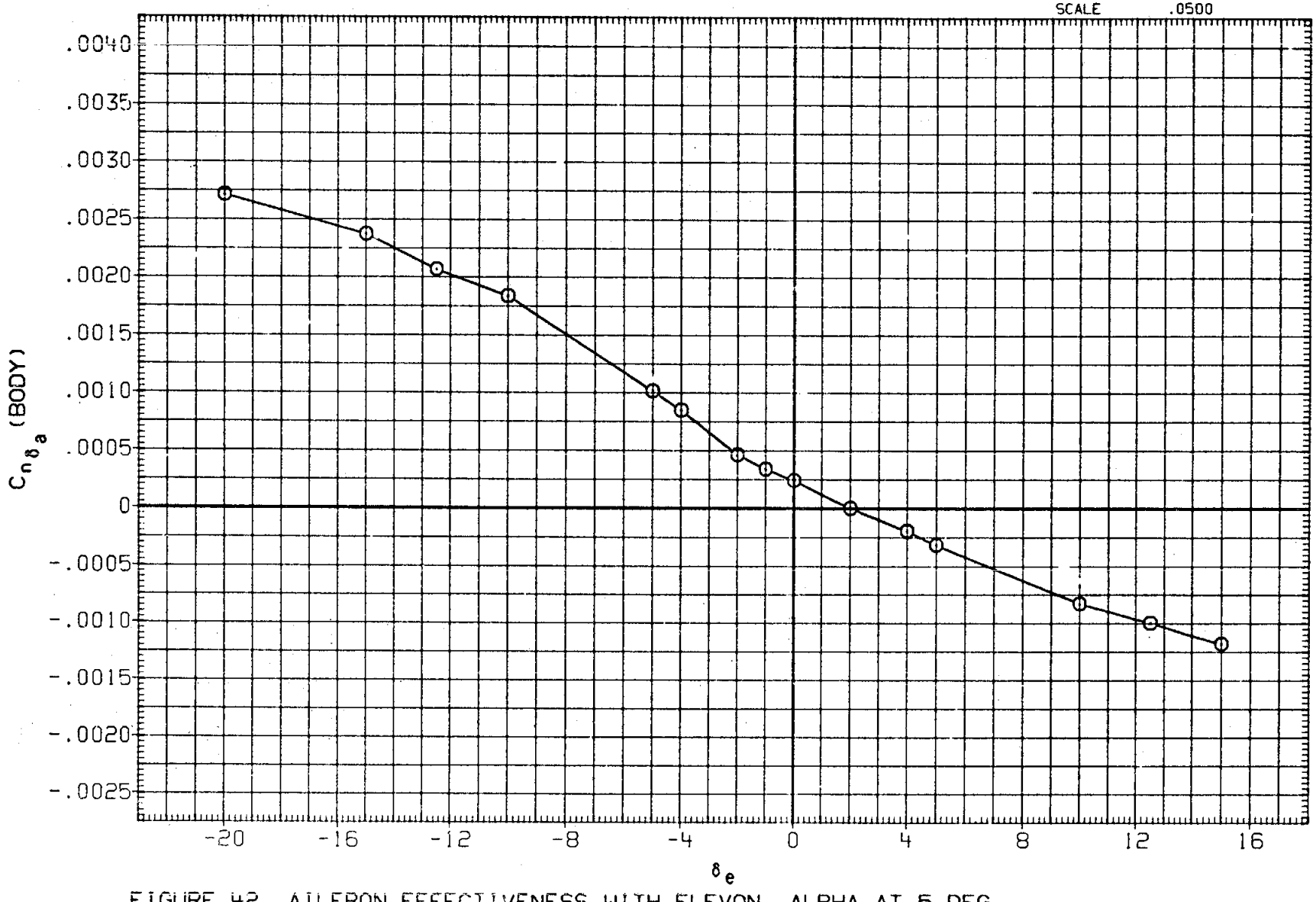


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(E)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

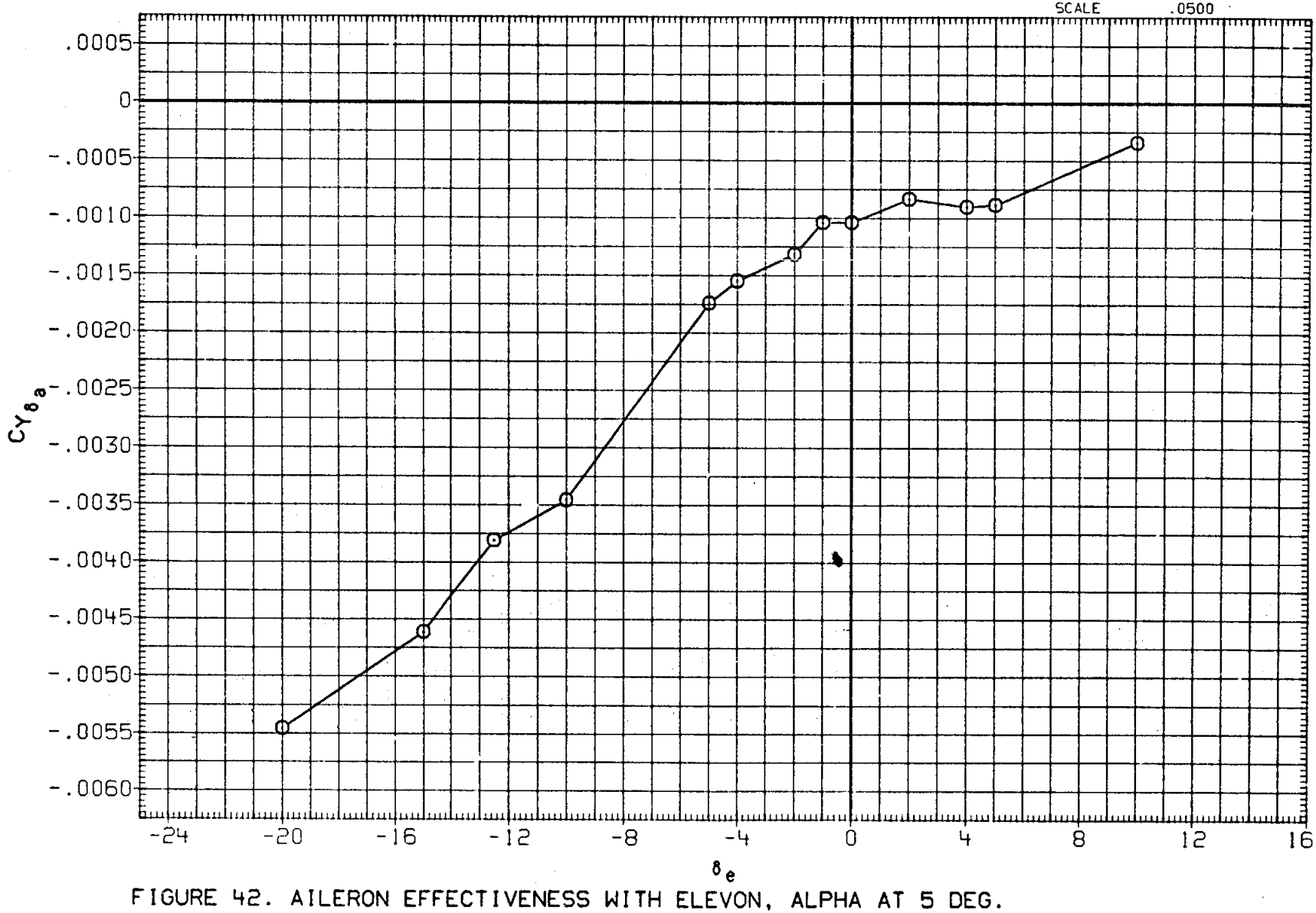


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(F)MACH = 1.28

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

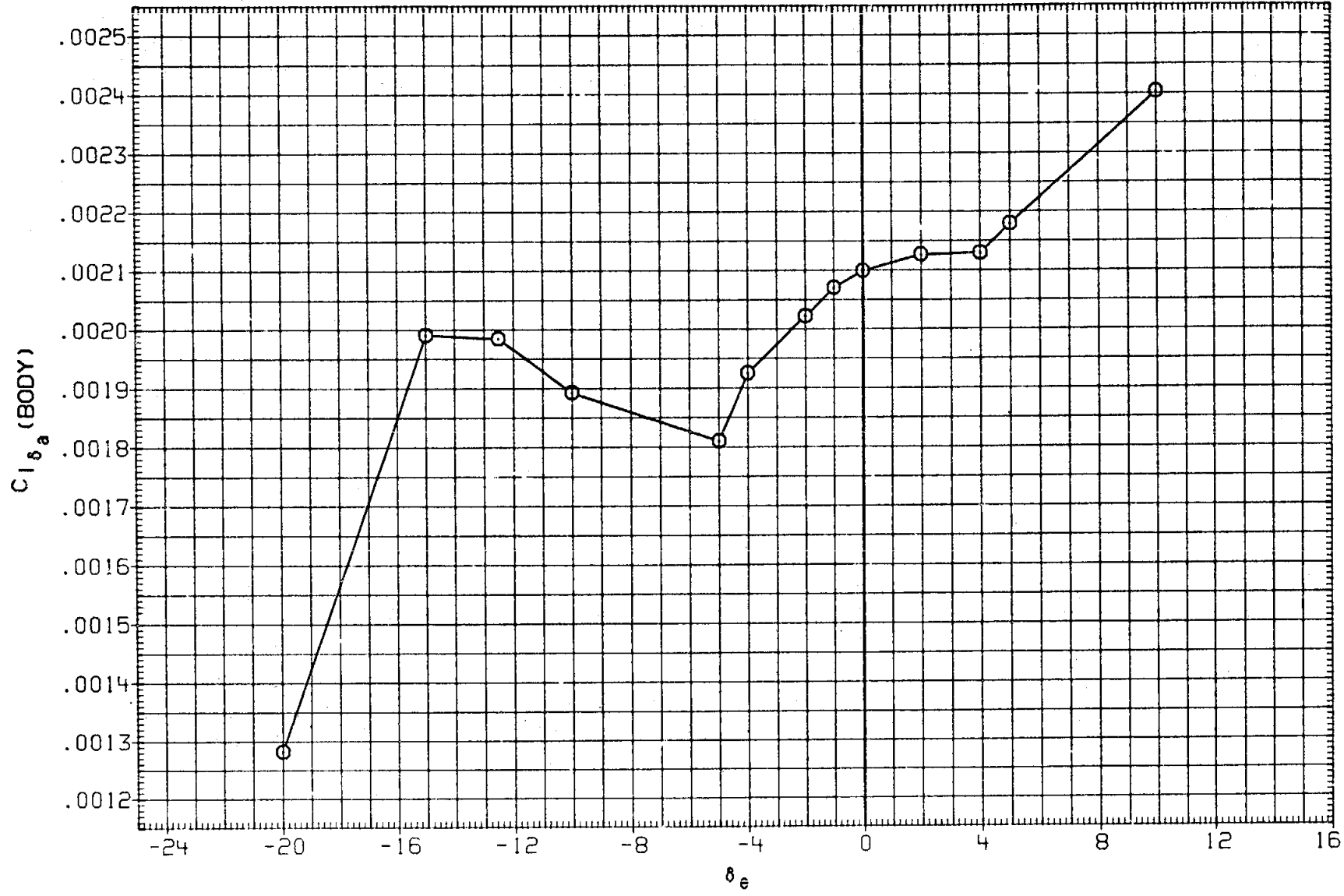


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(F)MACH = 1.28

DATA SET	SYMBOL	CONFIGURATION	BETA	DAILRN	BDFLAP	SPDBRK	RUDDER
MKN037	O	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	3.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0500	

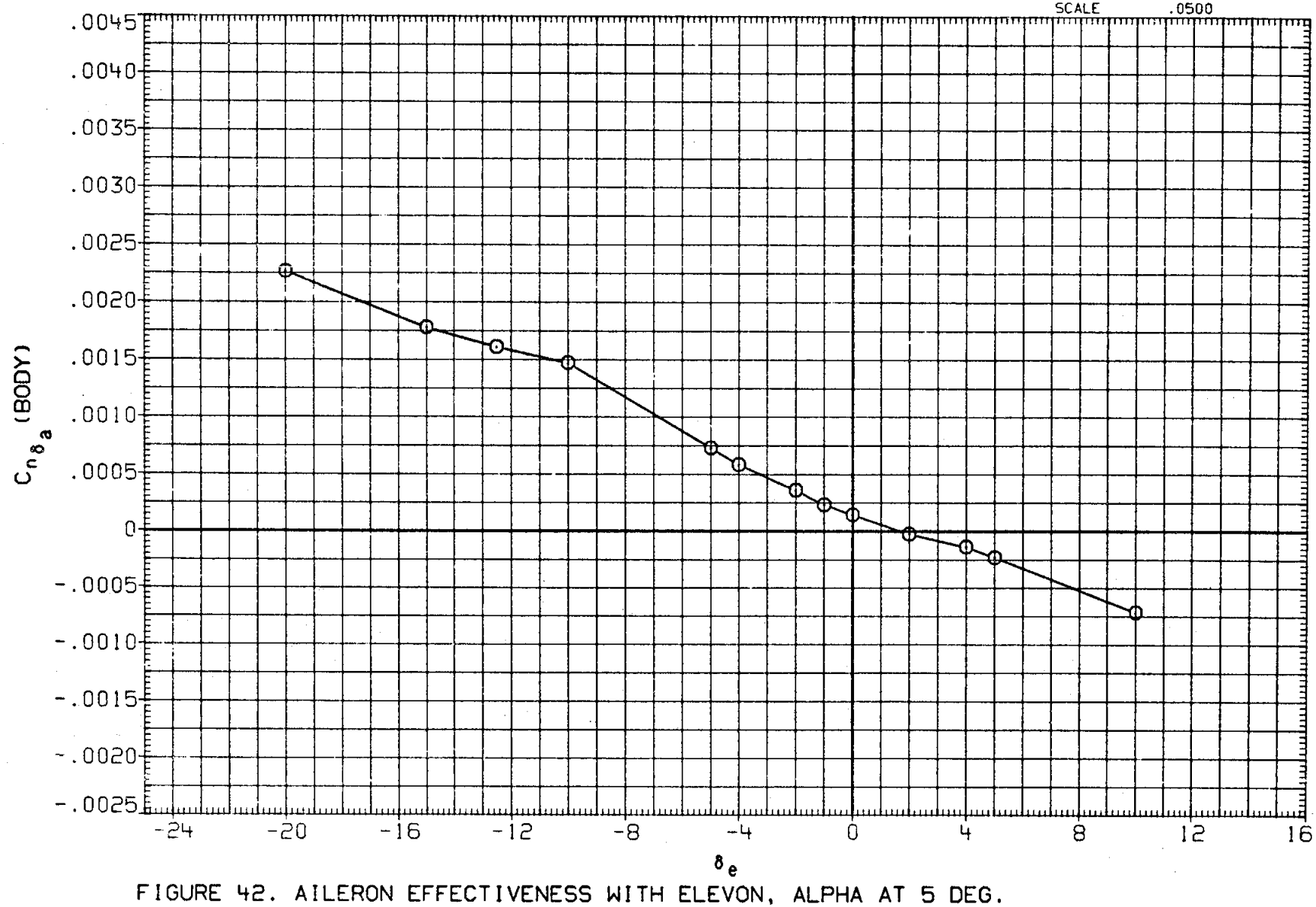


FIGURE 42. AILERON EFFECTIVENESS WITH ELEVON, ALPHA AT 5 DEG.

(F)MACH = 1.28

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

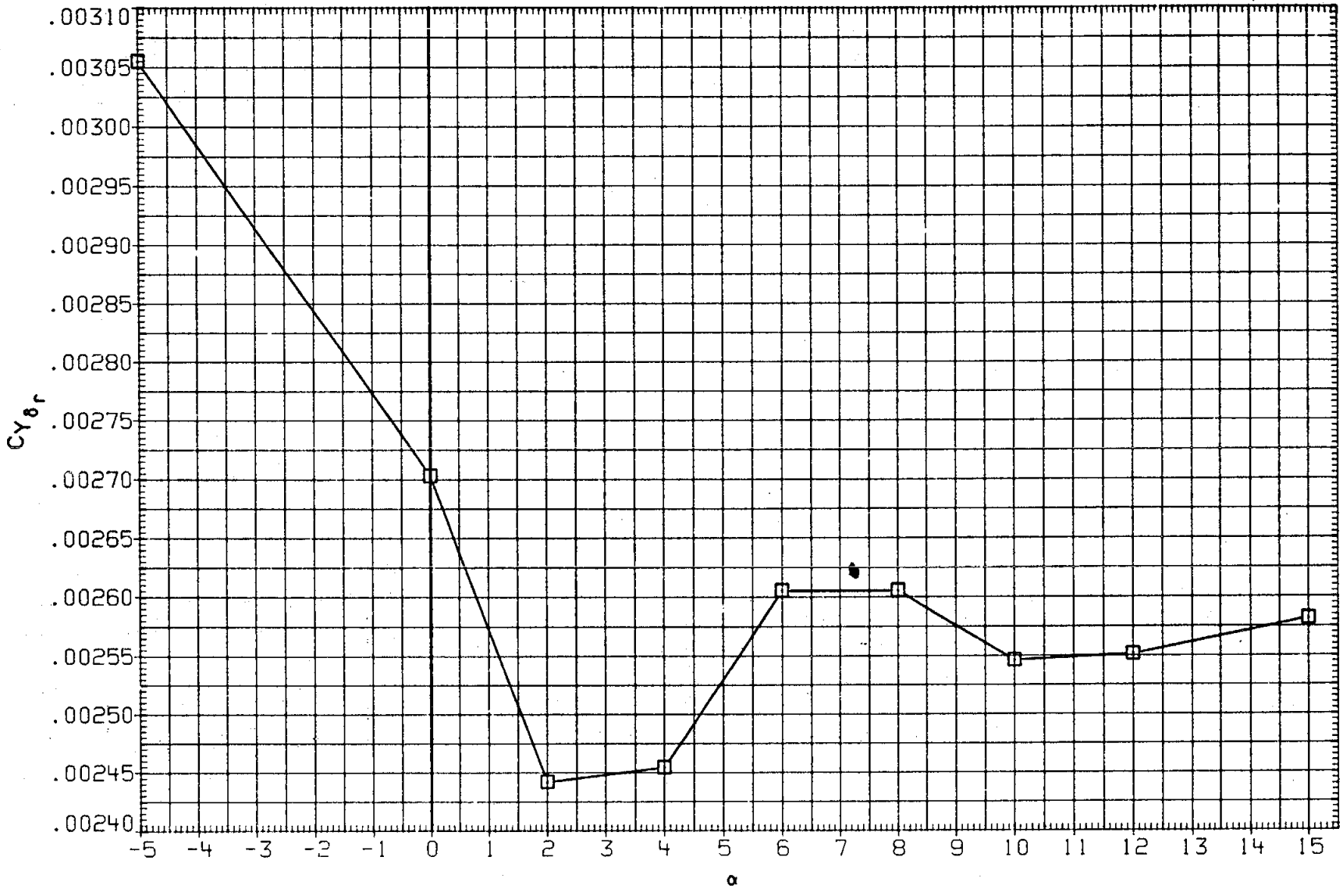


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(A) MACH = .60

DATA SET	SYMBOL	CONFIGURATION
MK0017	○	DATA NOT AVAILABLE
M2F079	□	AMES 118-1-11 OA145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	.000	5.290
.000	.000	.000	.000	.000	-5.000

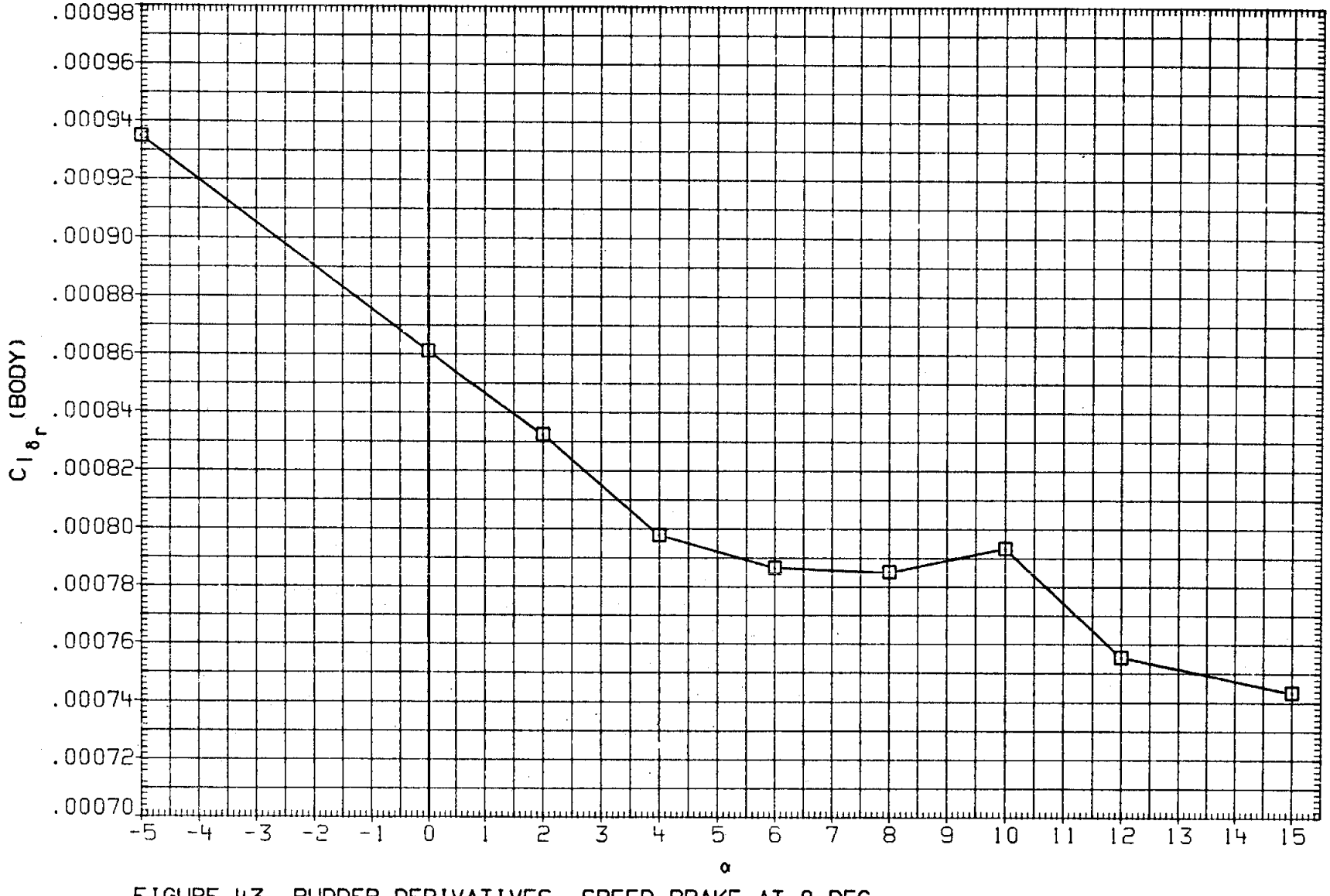


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 11B-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

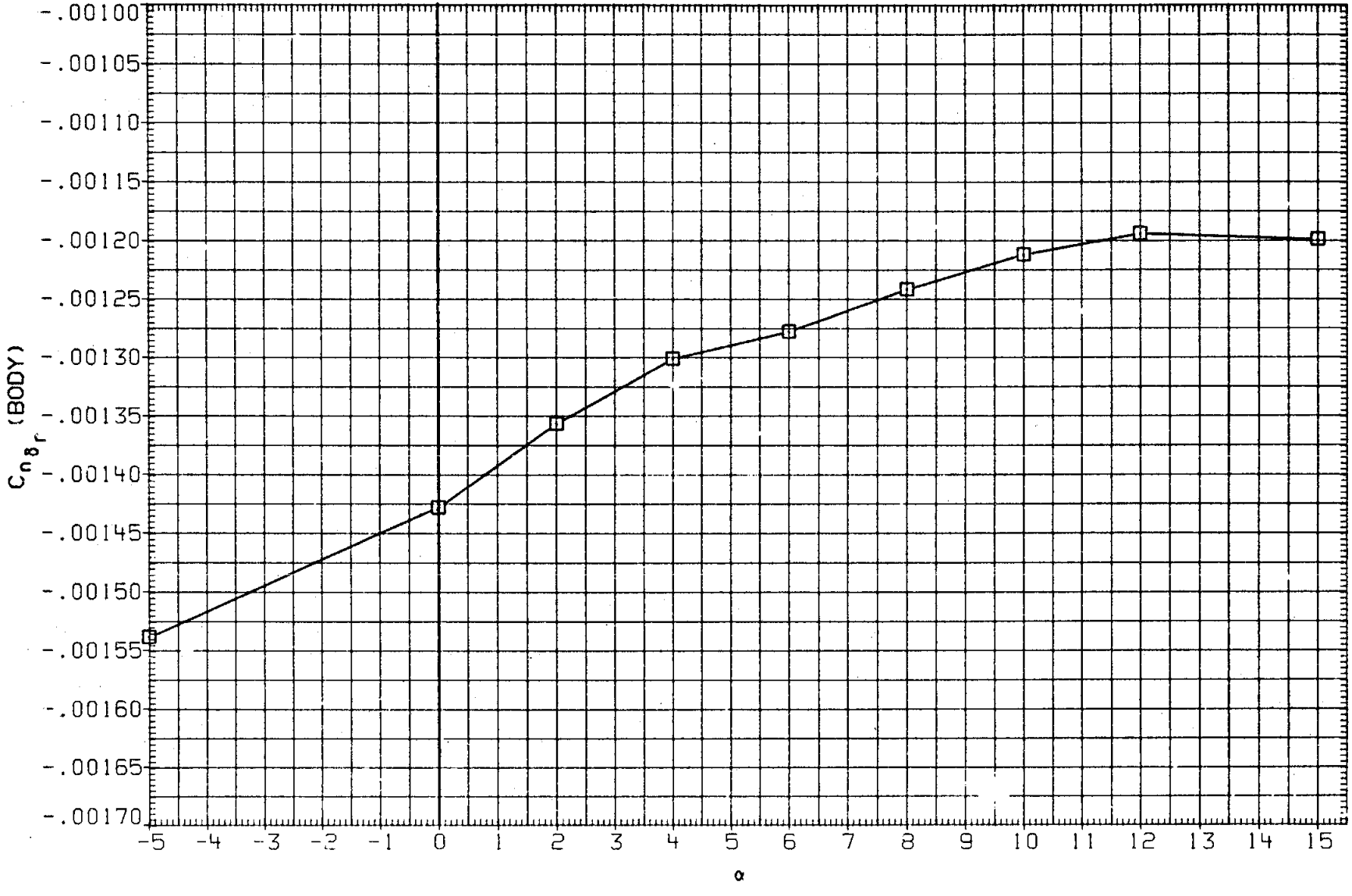


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(A)MACH = .60

DATA SET SYMBOL		CONFIGURATION
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
M2F079	□	AMES 11B-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	.000	5.290
.000	.000	.000	.000	.000	-5.000

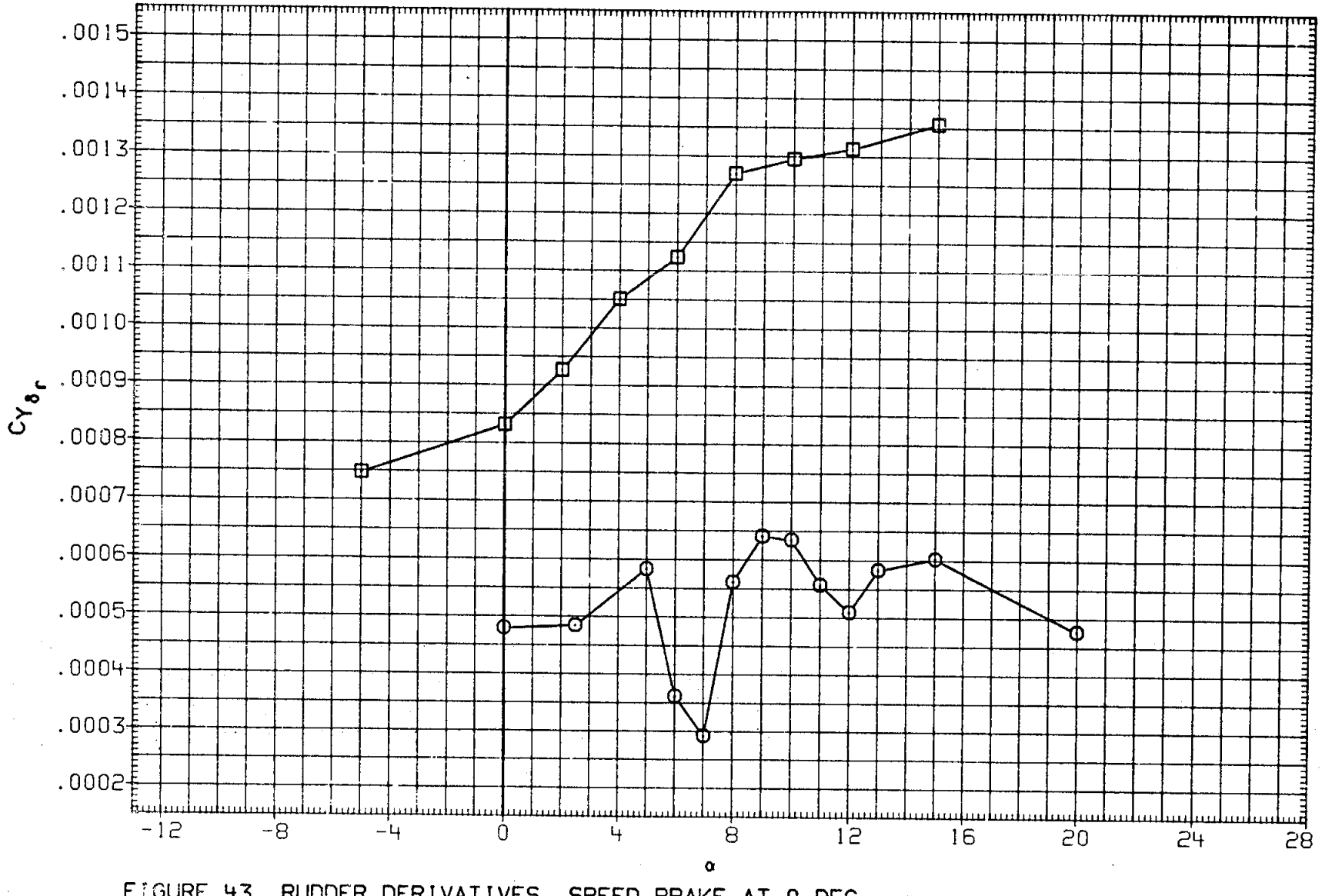


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(B)MACH = .89

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

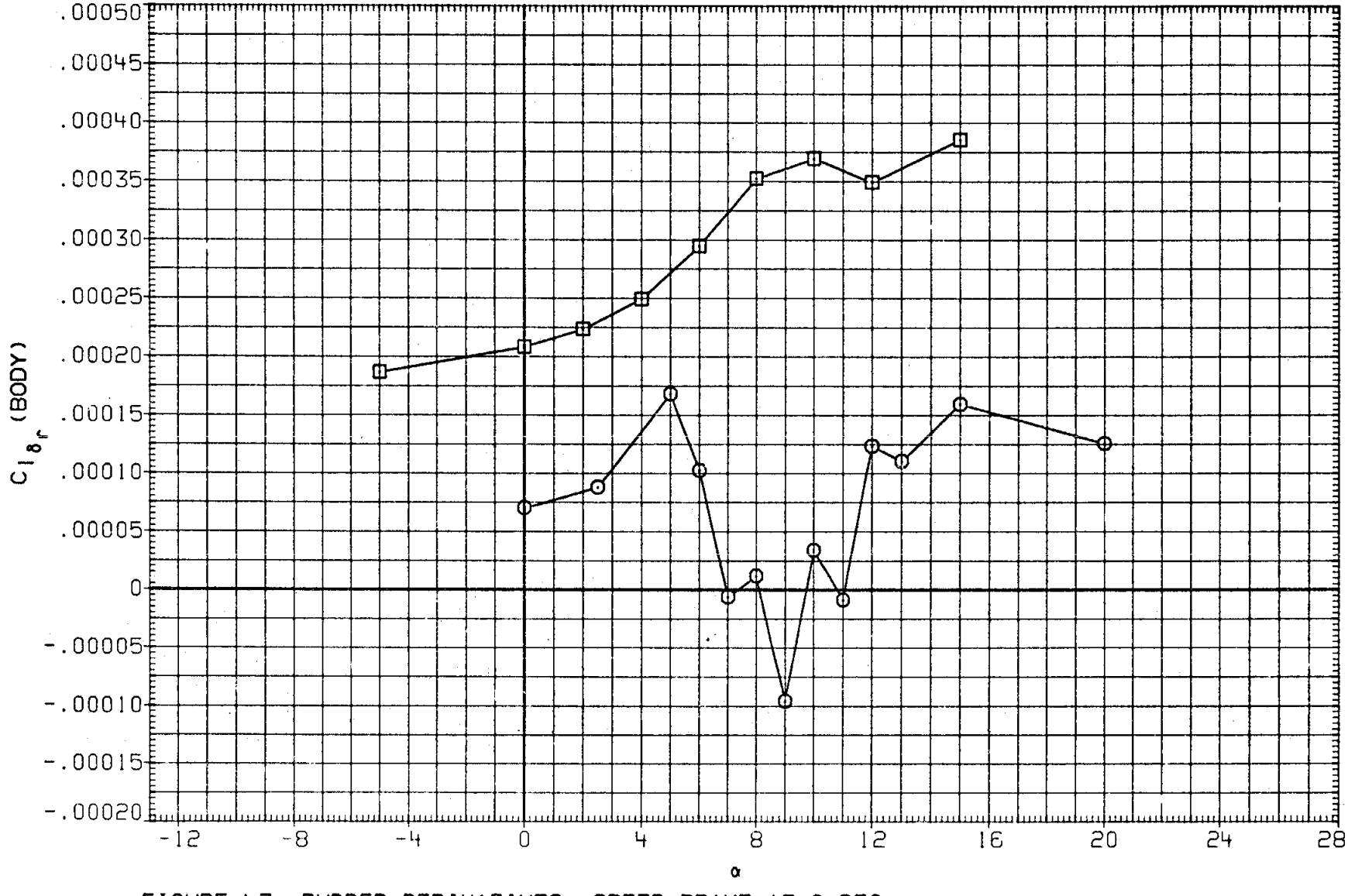


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(B)MACH = .89

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

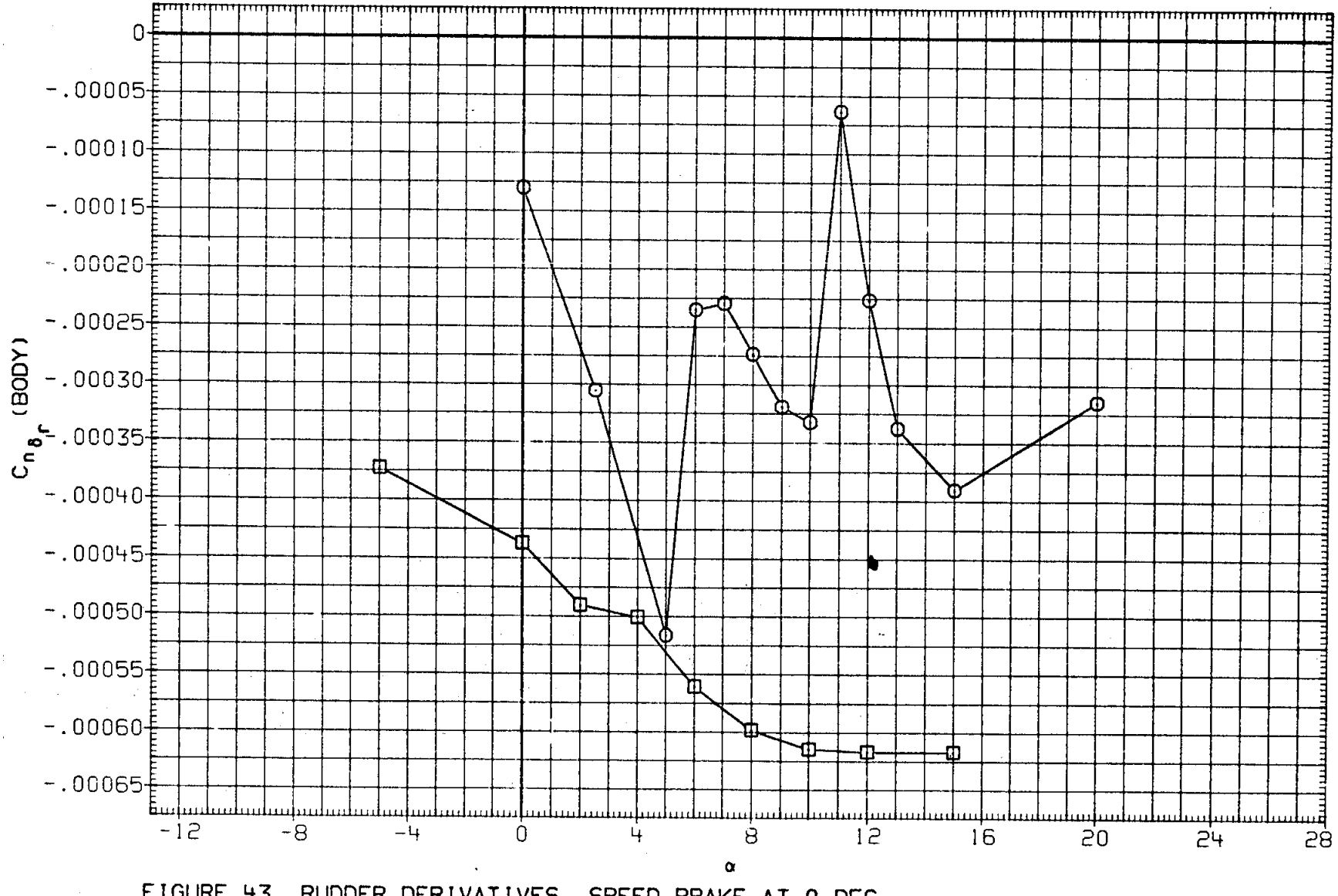


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(B) MACH = .89

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

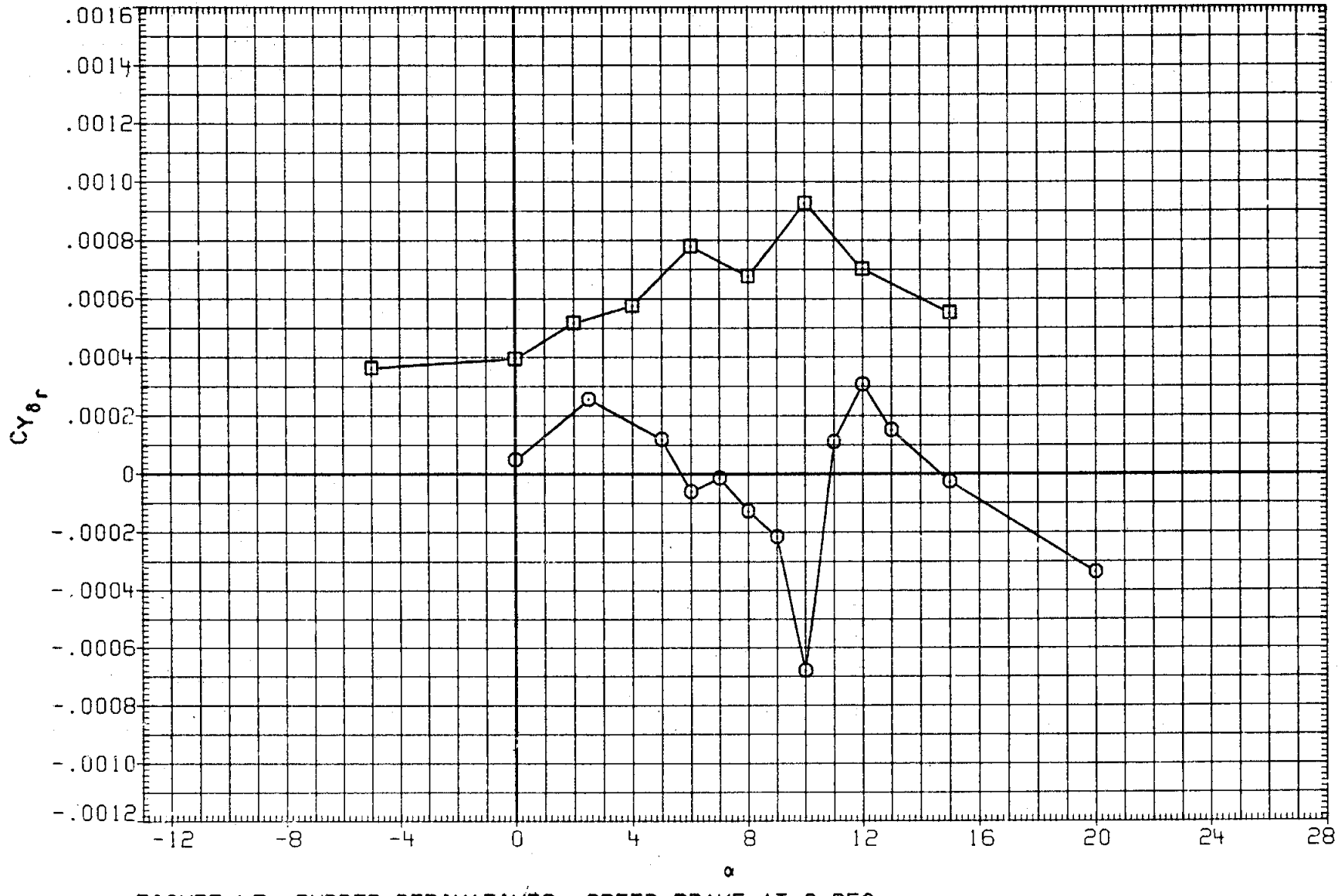


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

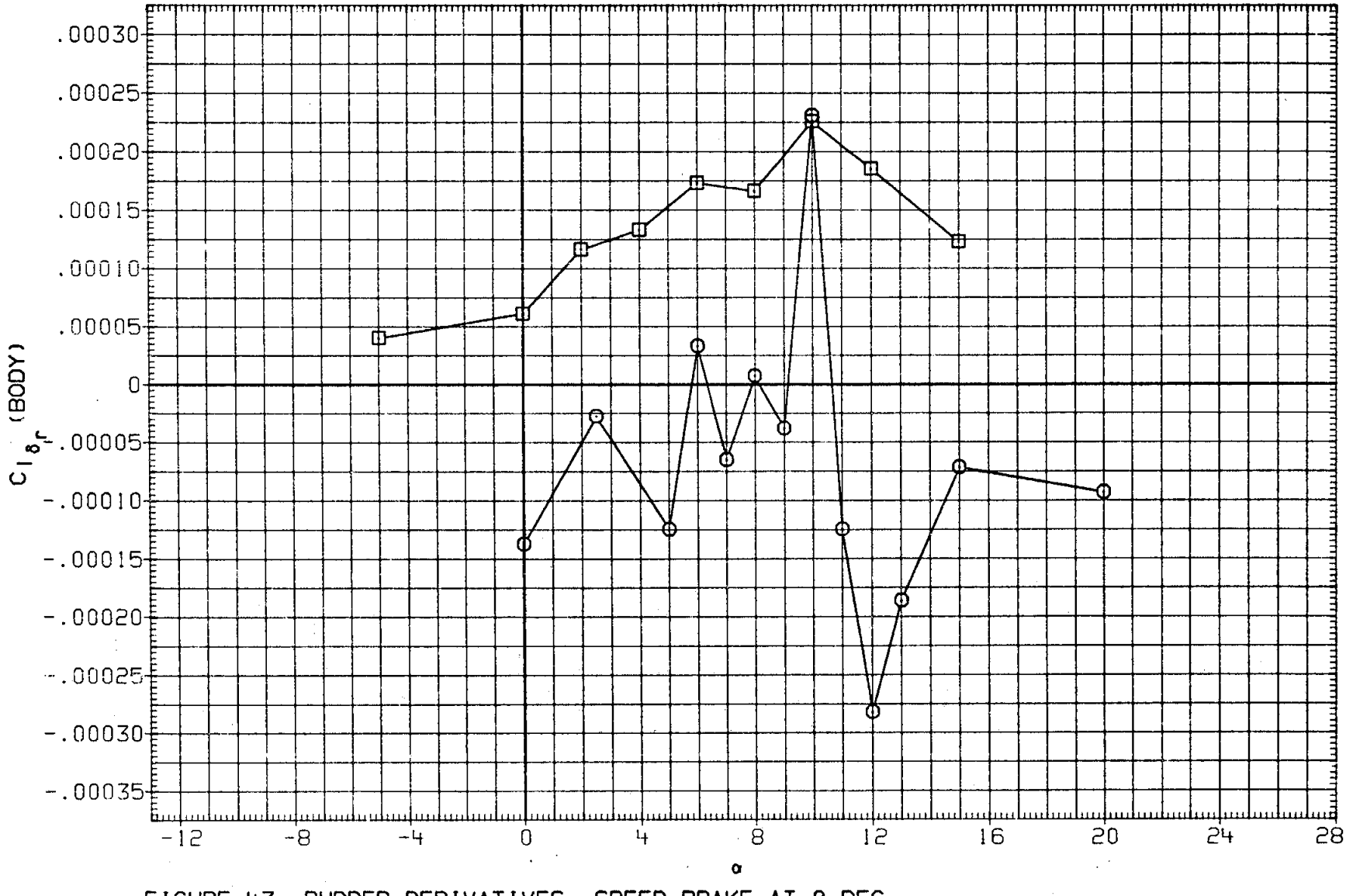


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

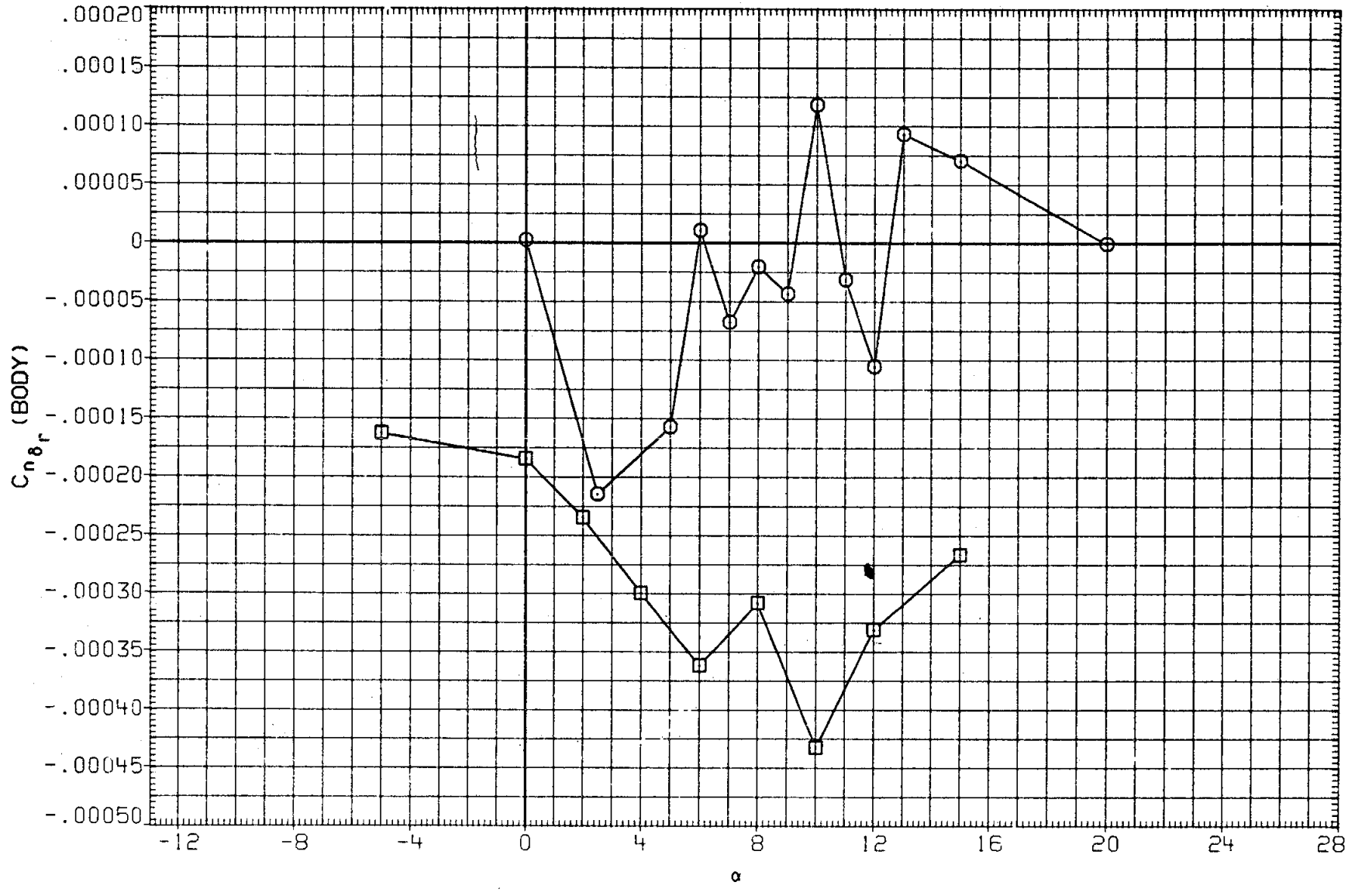


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

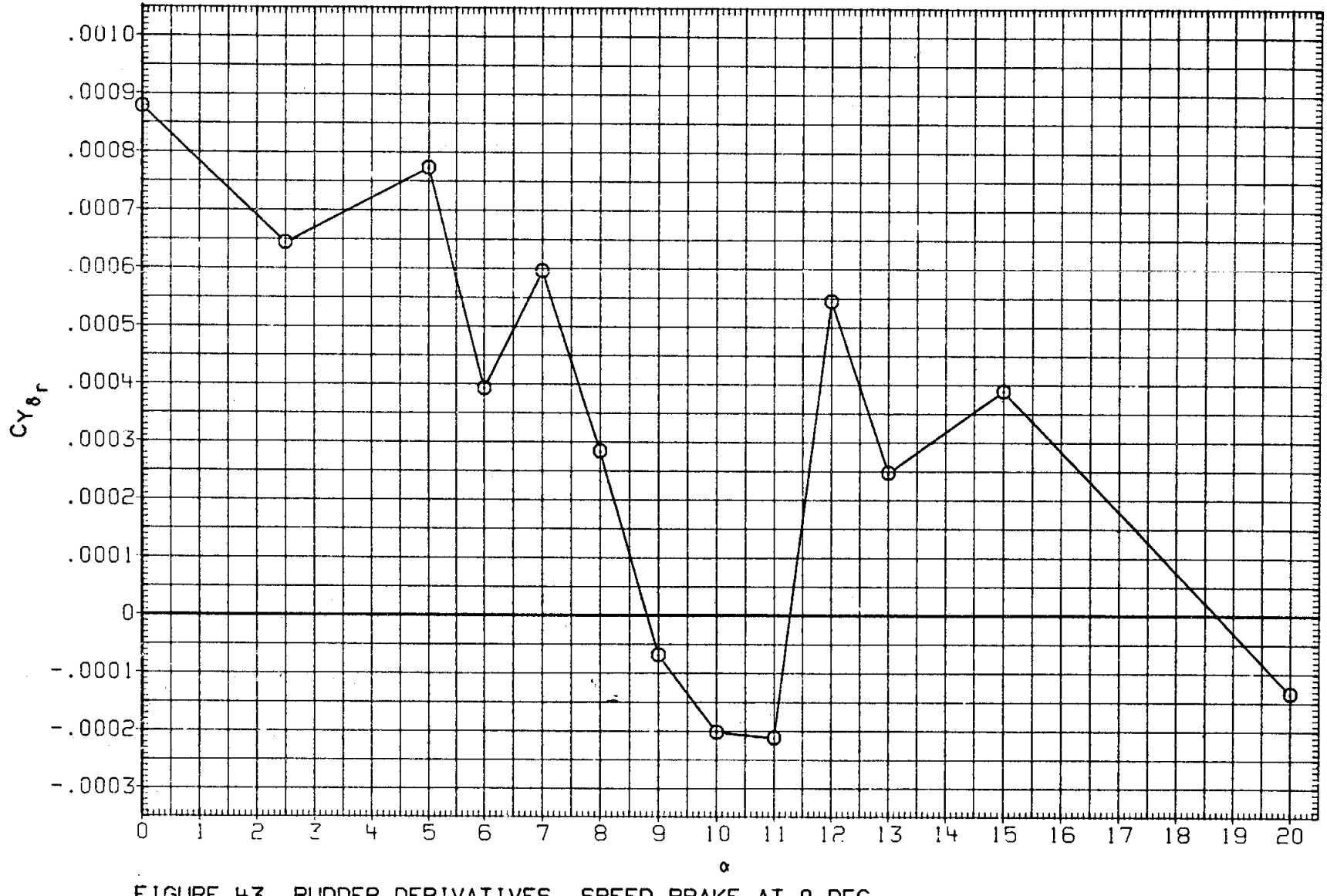


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELE/ON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A2706) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

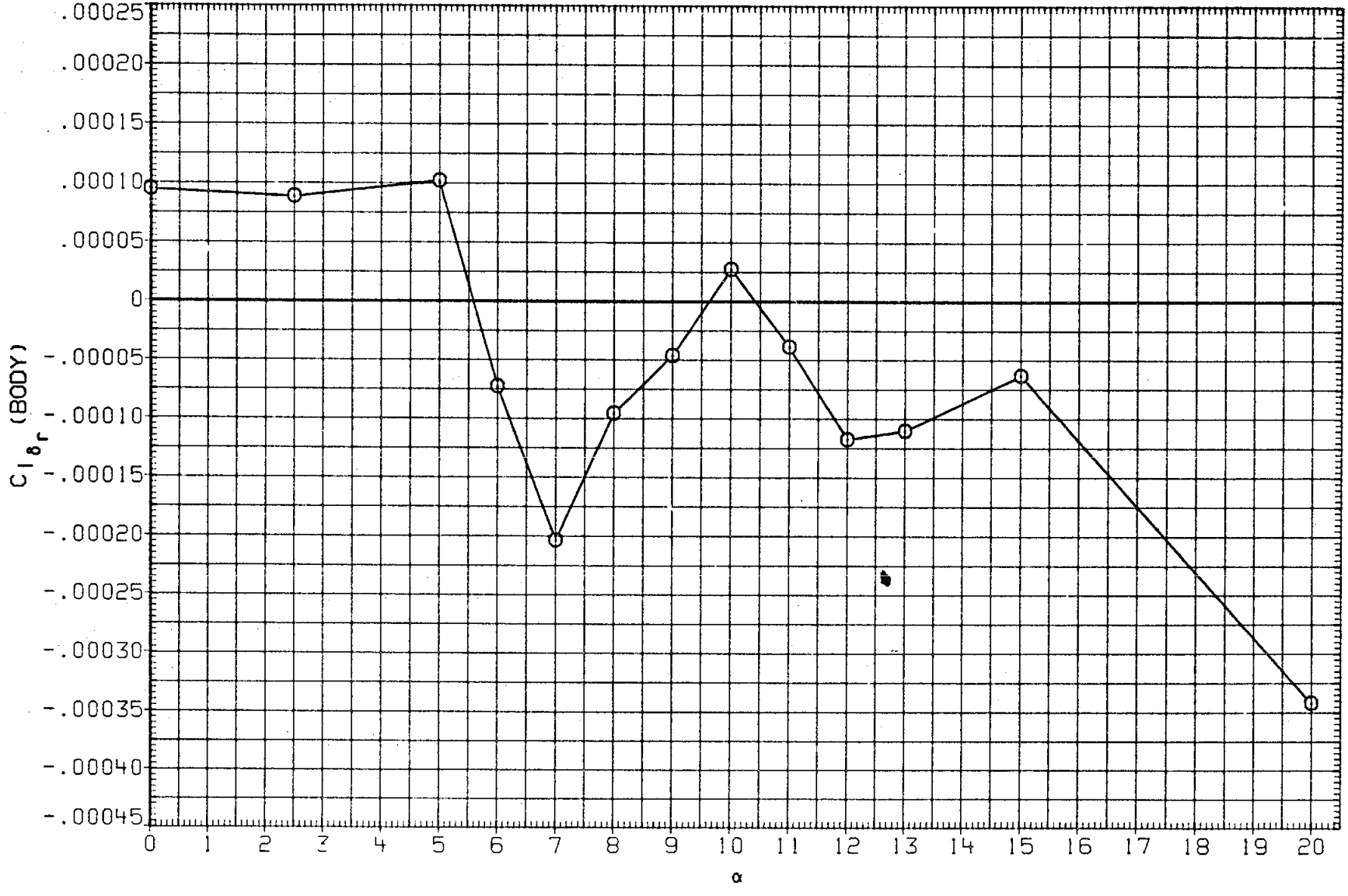


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(D)MACH = .98

DATA SET SYMBOL		CONFIGURATION
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
M2F079	□	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	.000	5.290
.000	.000	.000	.000	.000	-5.000

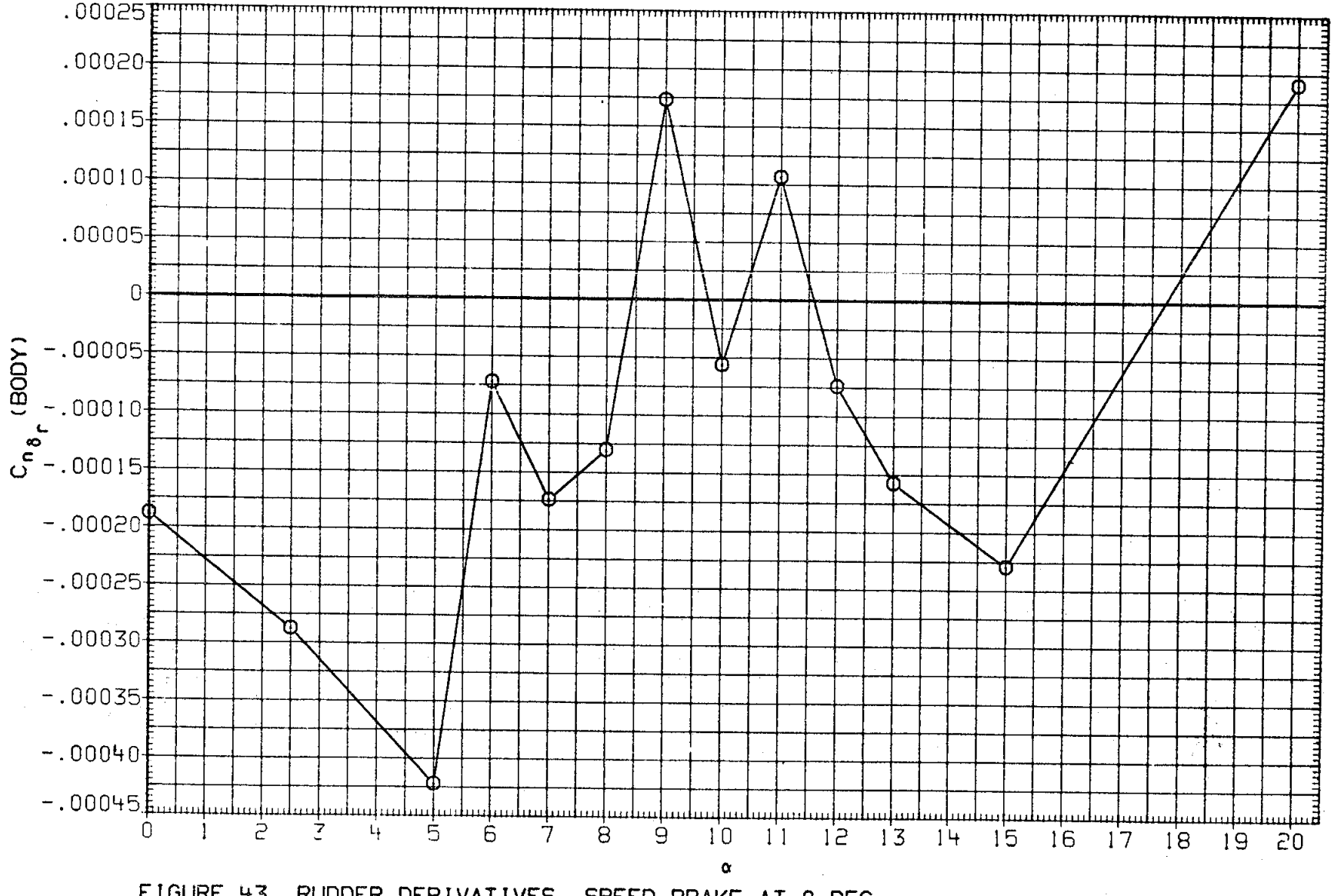


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

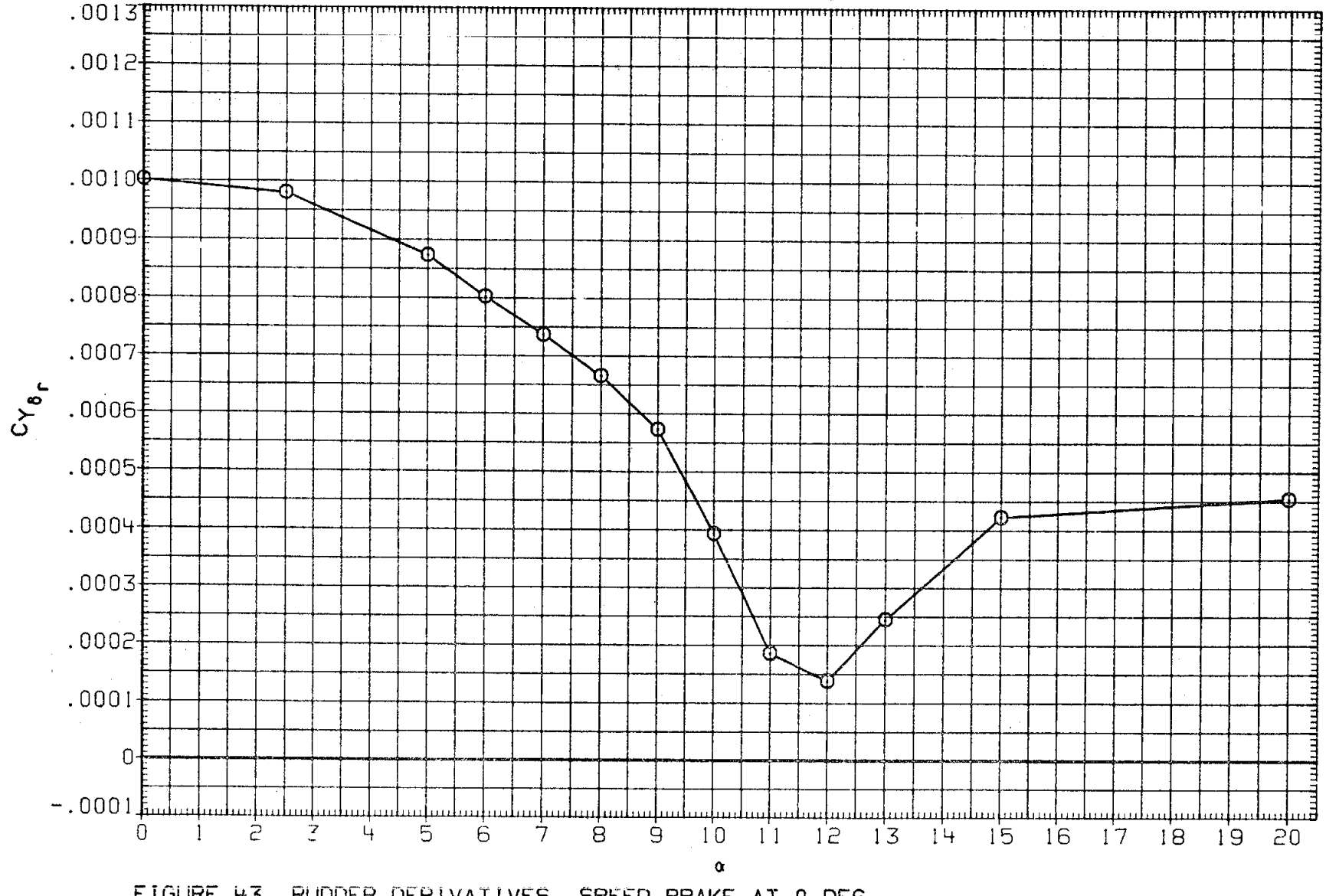


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(E)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

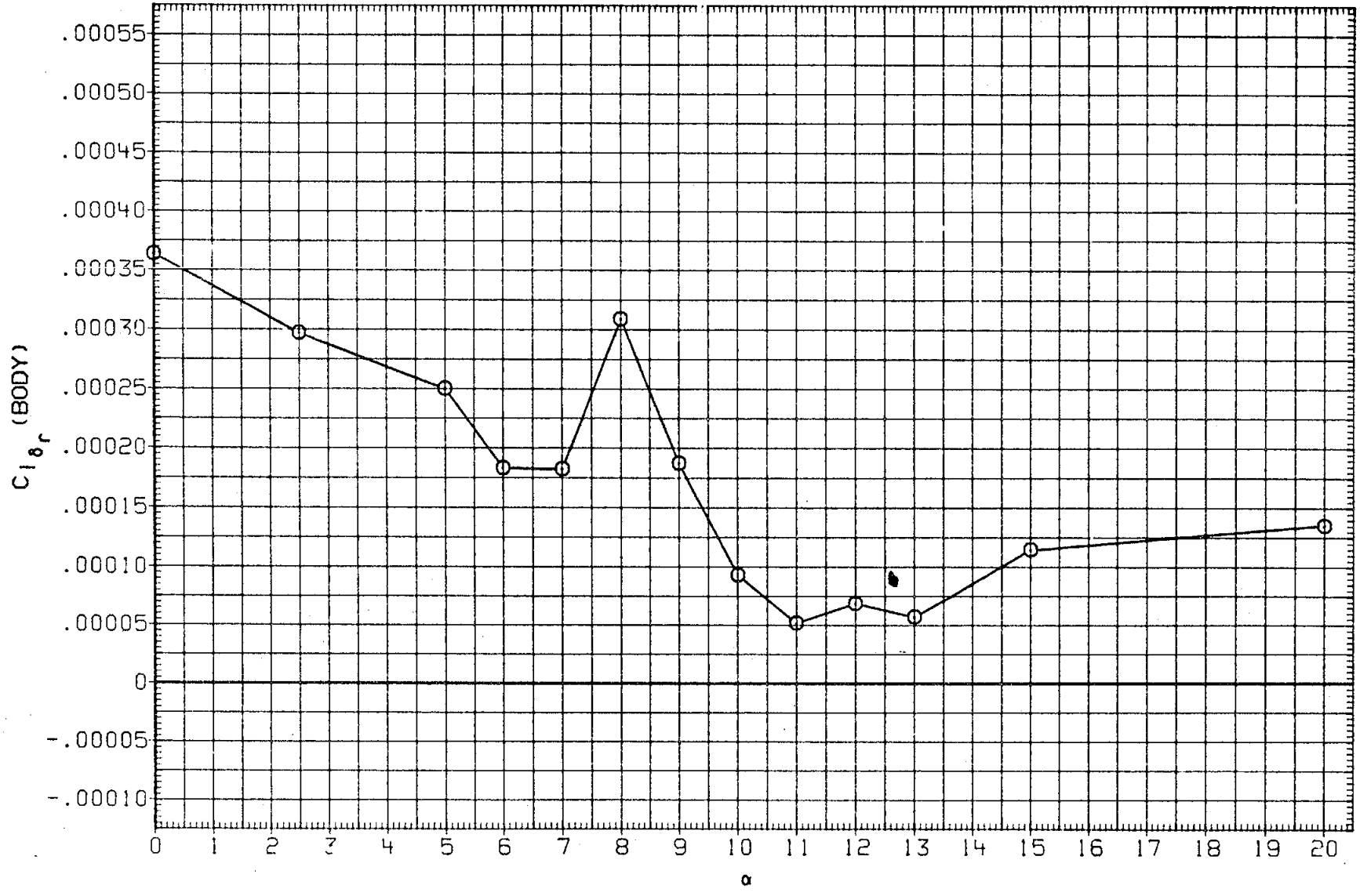


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(E)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

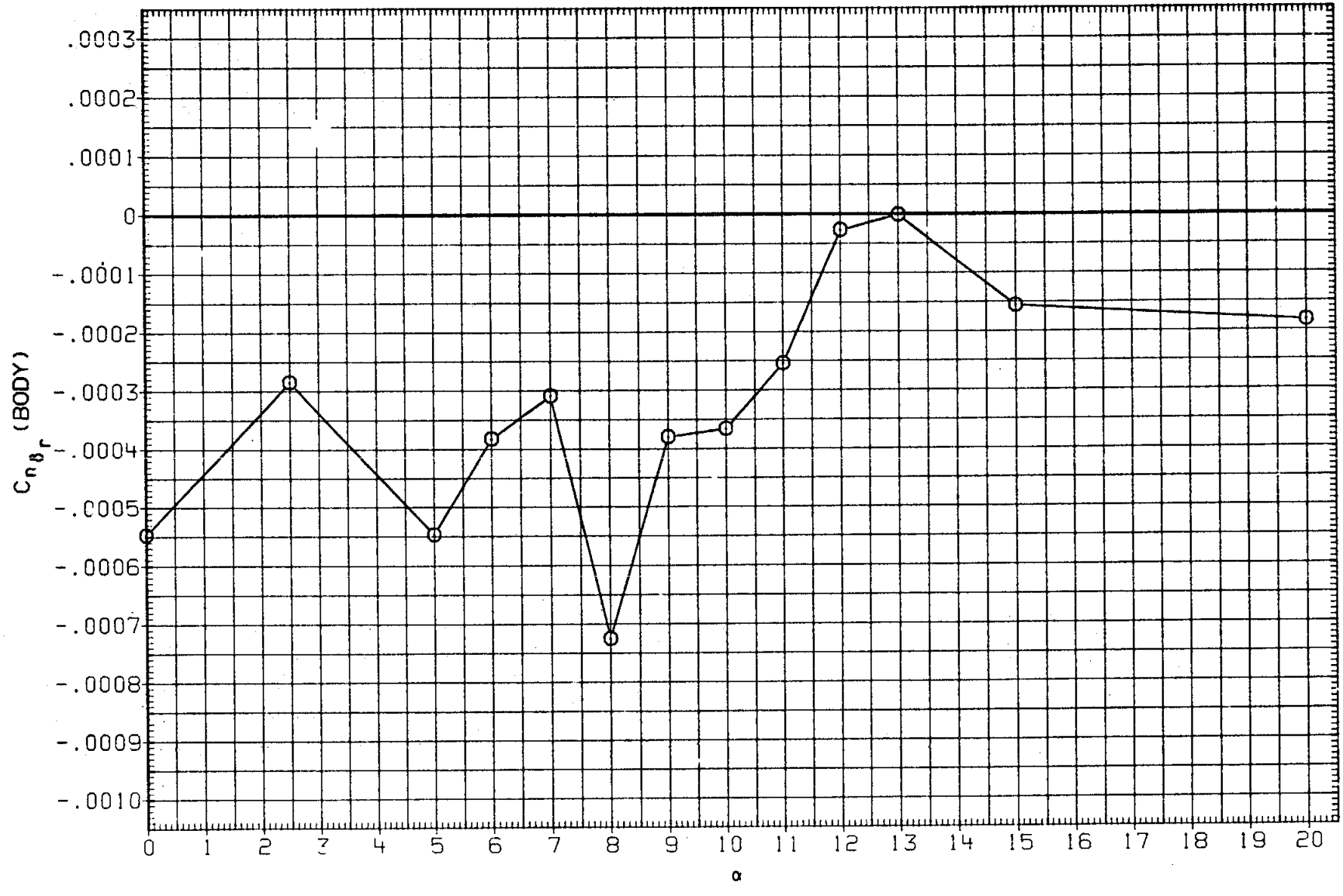


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(E)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

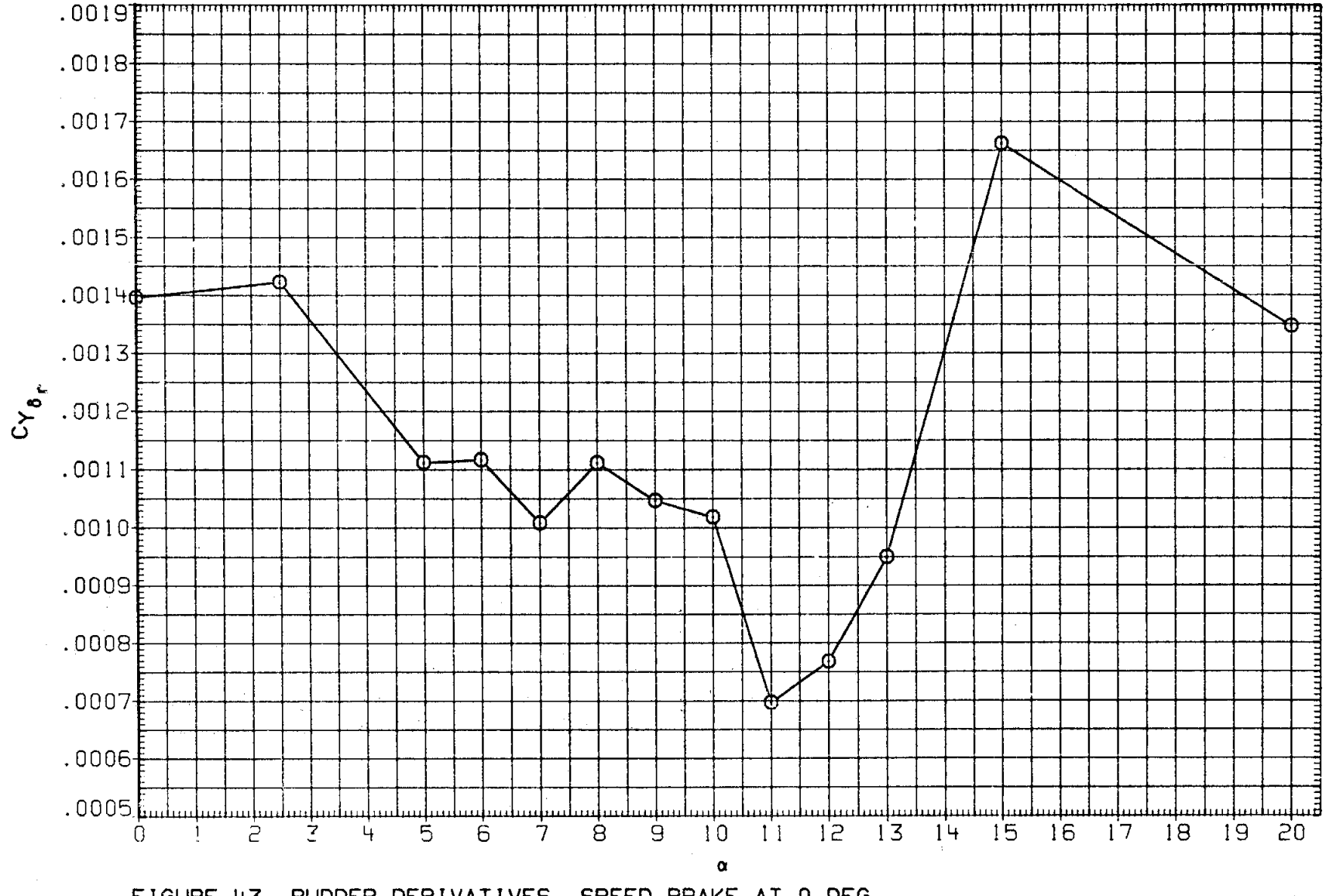


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

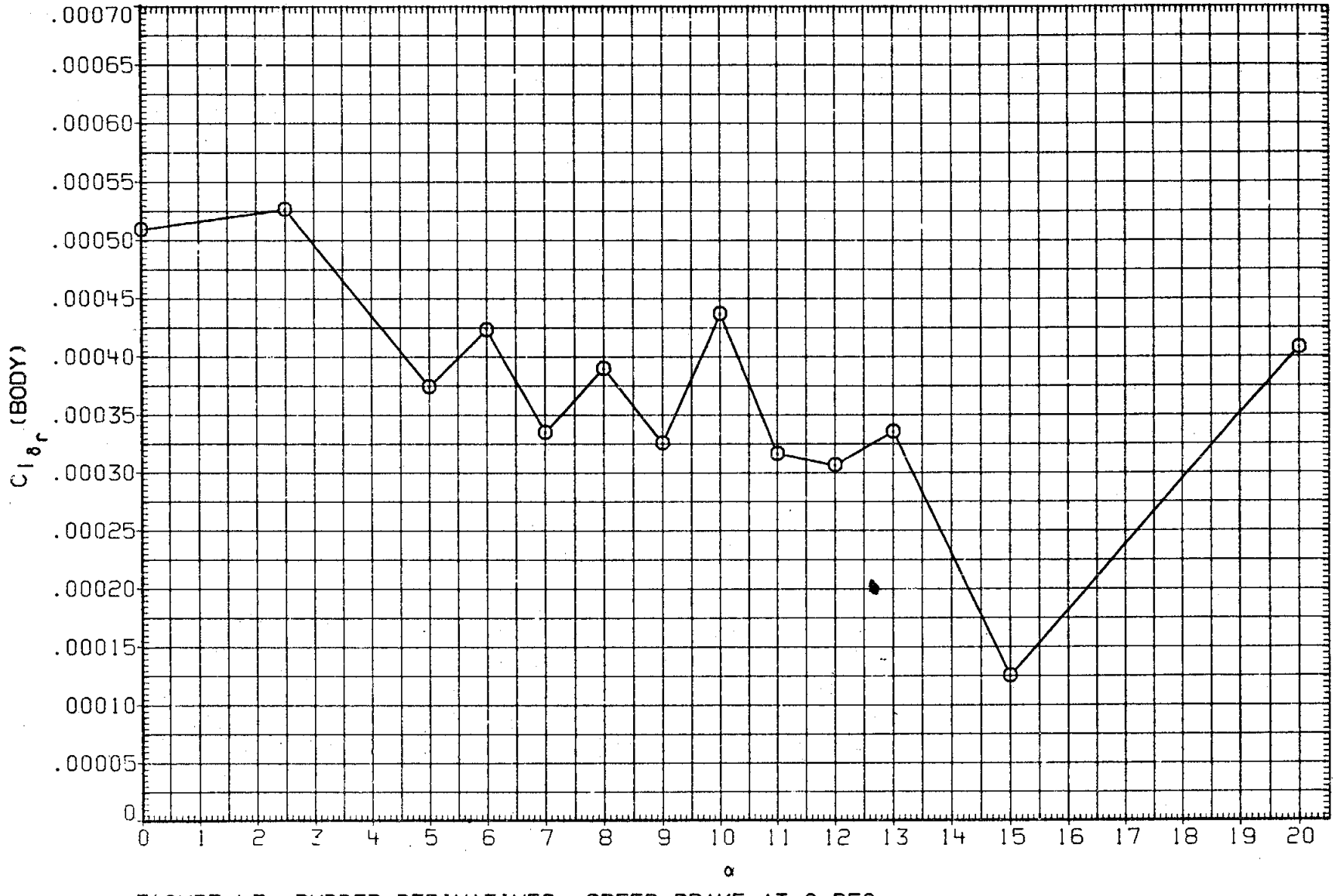


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

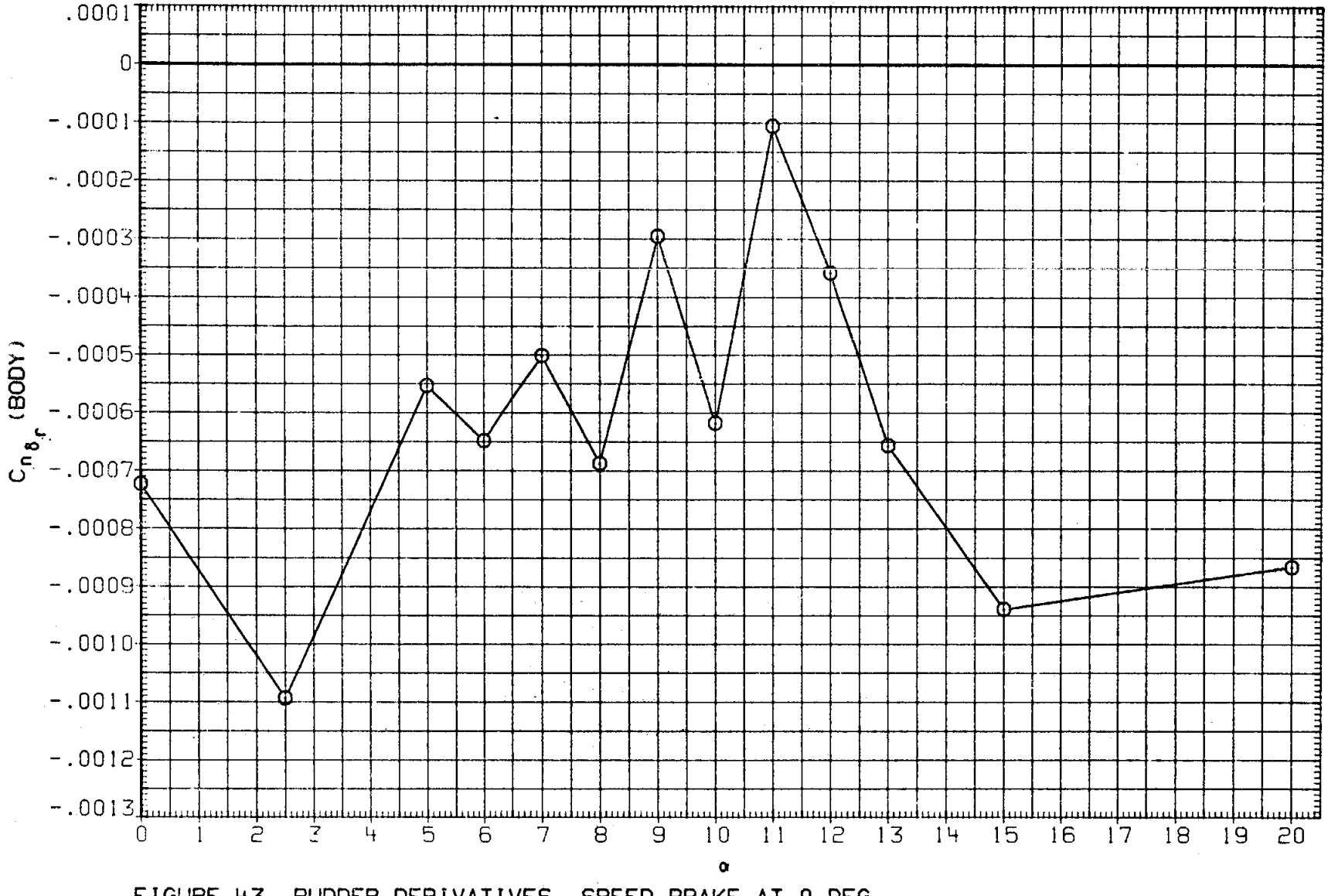


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

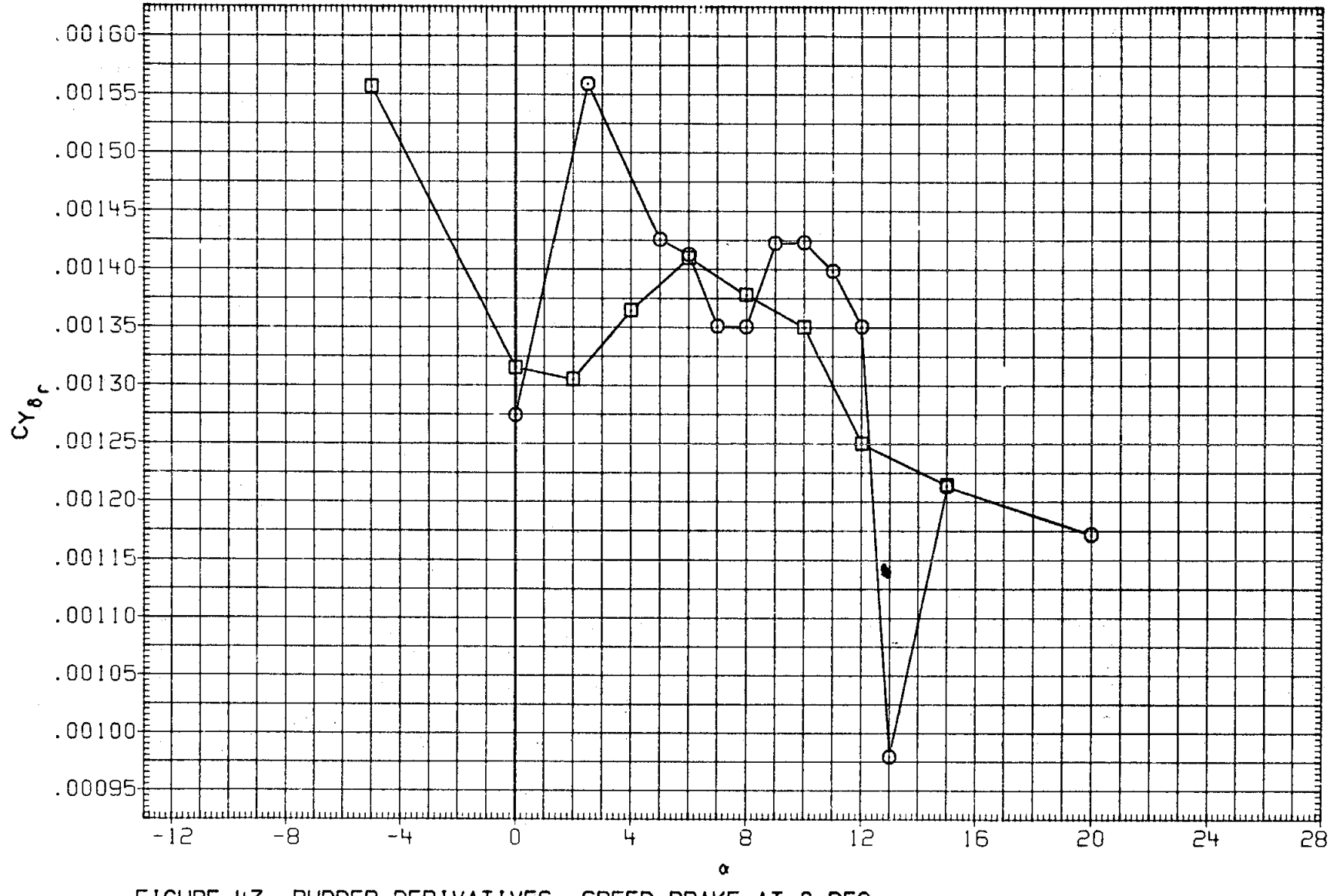


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	:000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

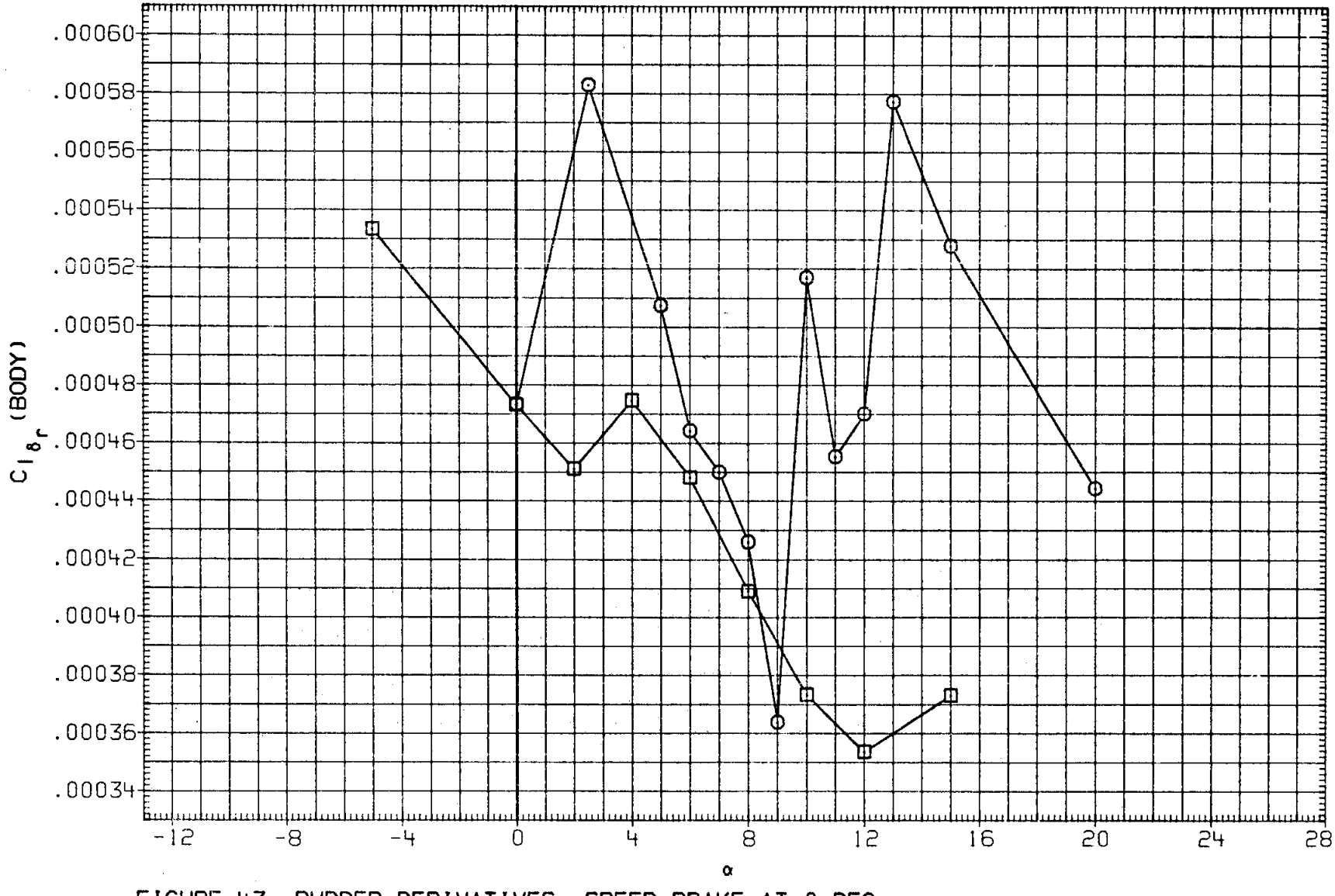


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	.000	-5.000

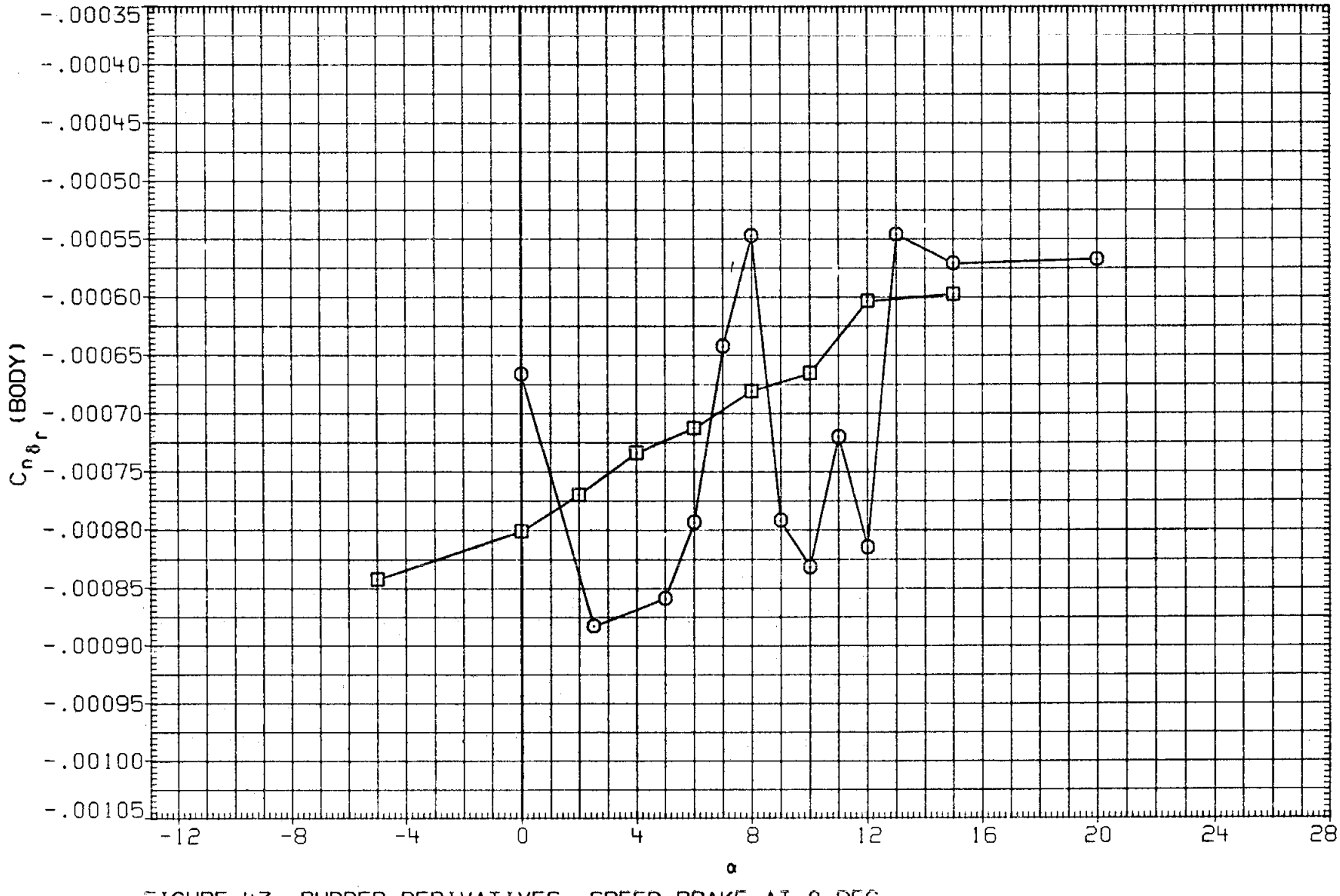


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

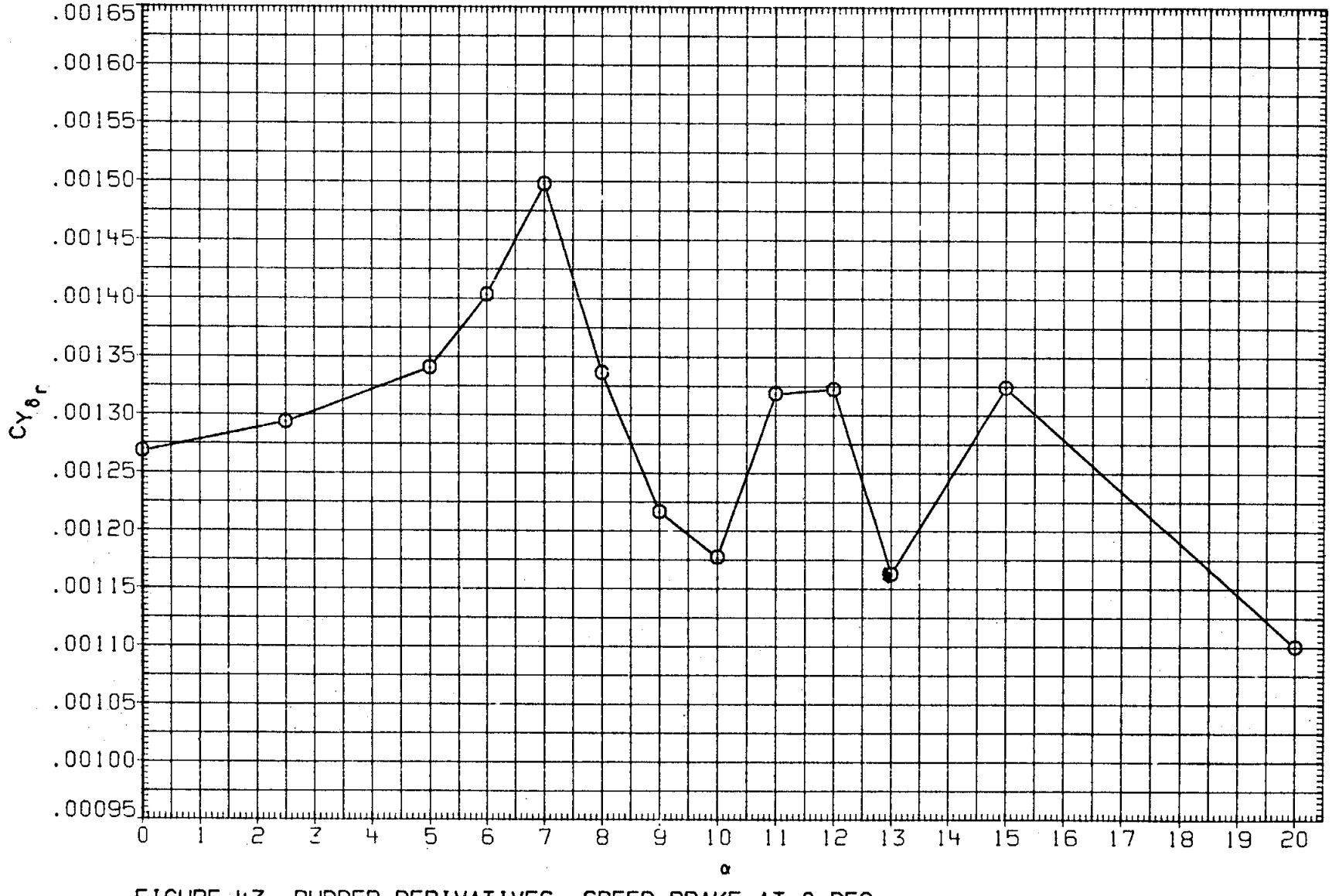


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(H) MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

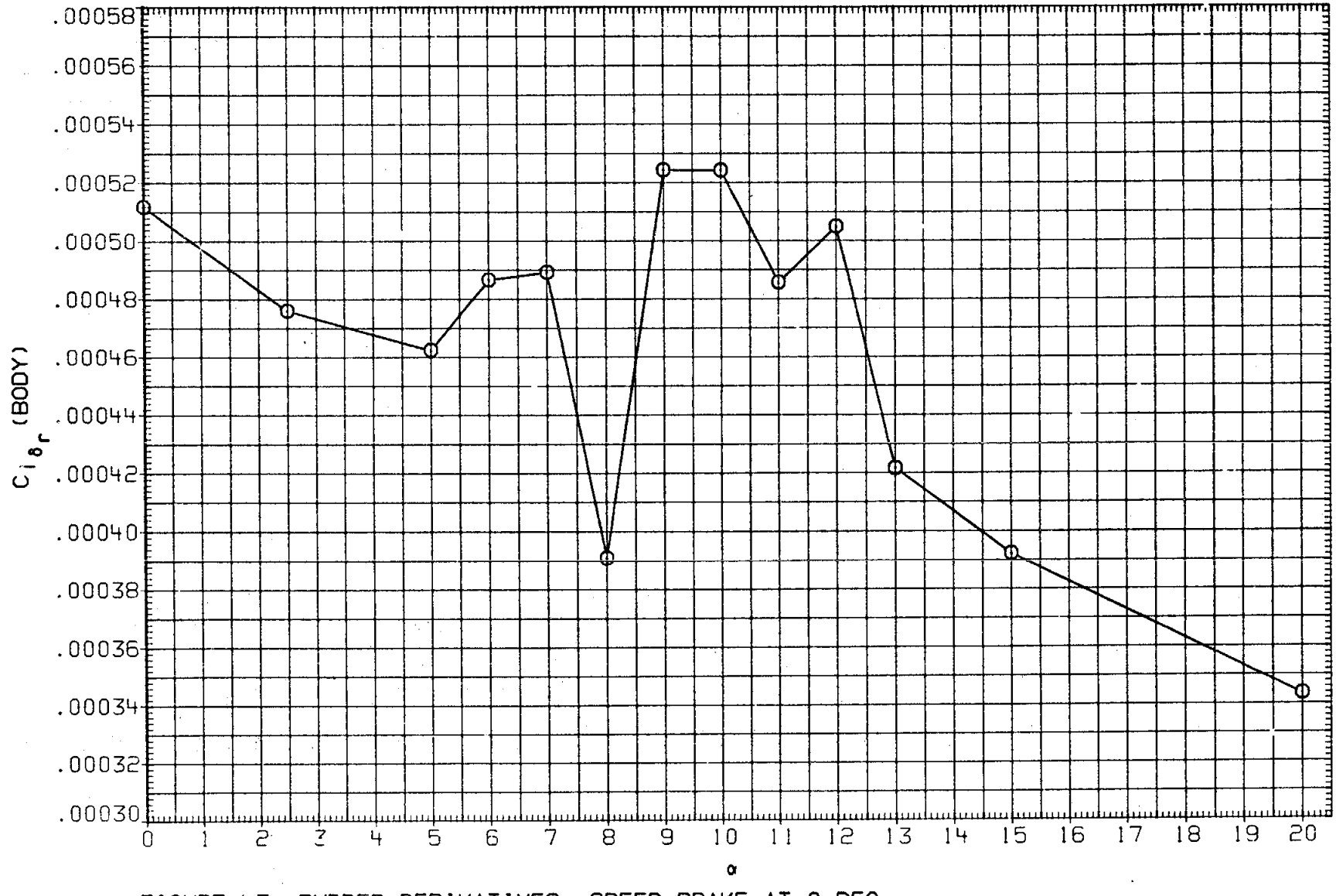


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(H)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0017	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	.000	5.290
M2F079	□	DATA NOT AVAILABLE	.000	.000	.000	.000	.000	-5.000

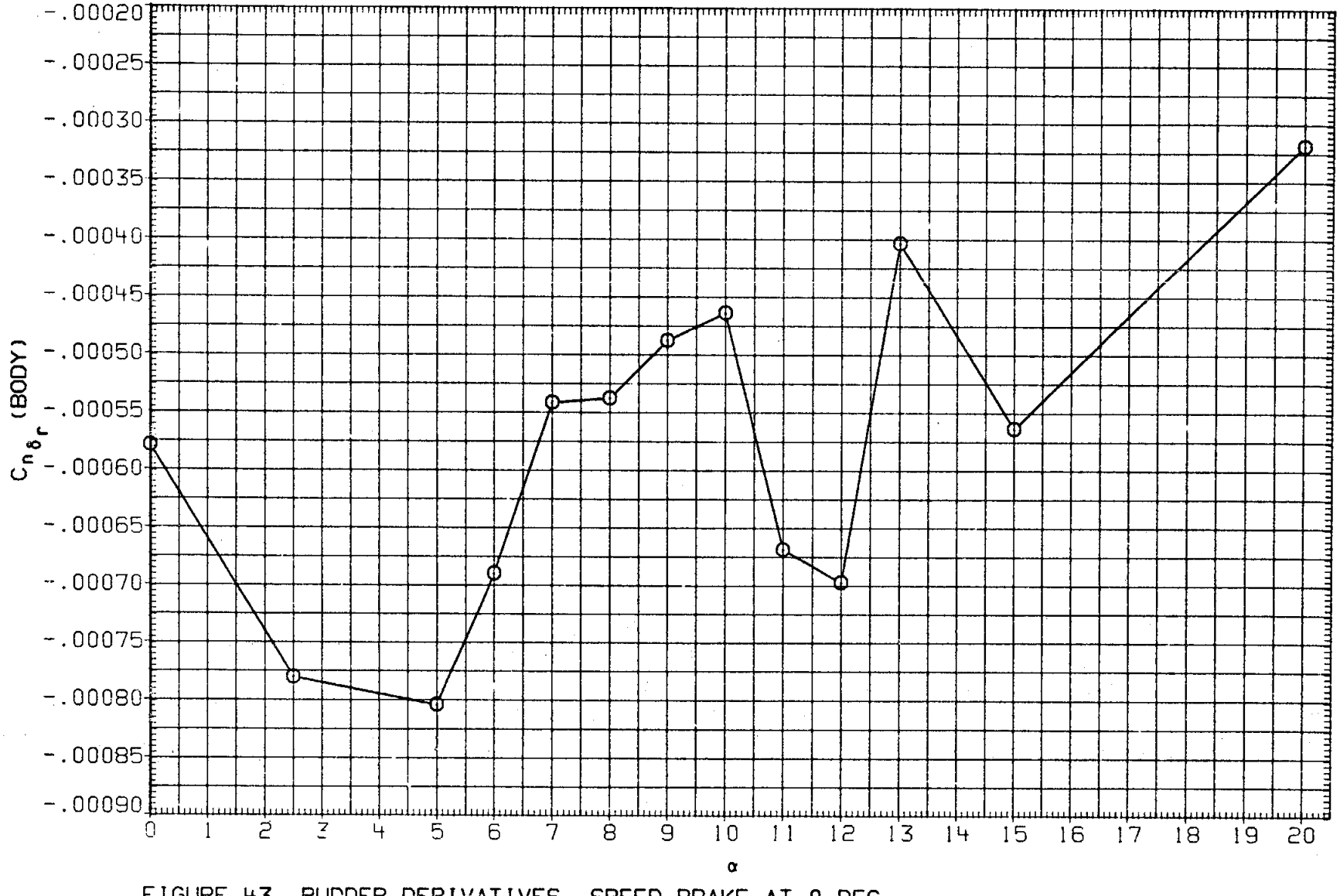


FIGURE 43. RUDDER DERIVATIVES, SPEED BRAKE AT 0 DEG.

(H)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

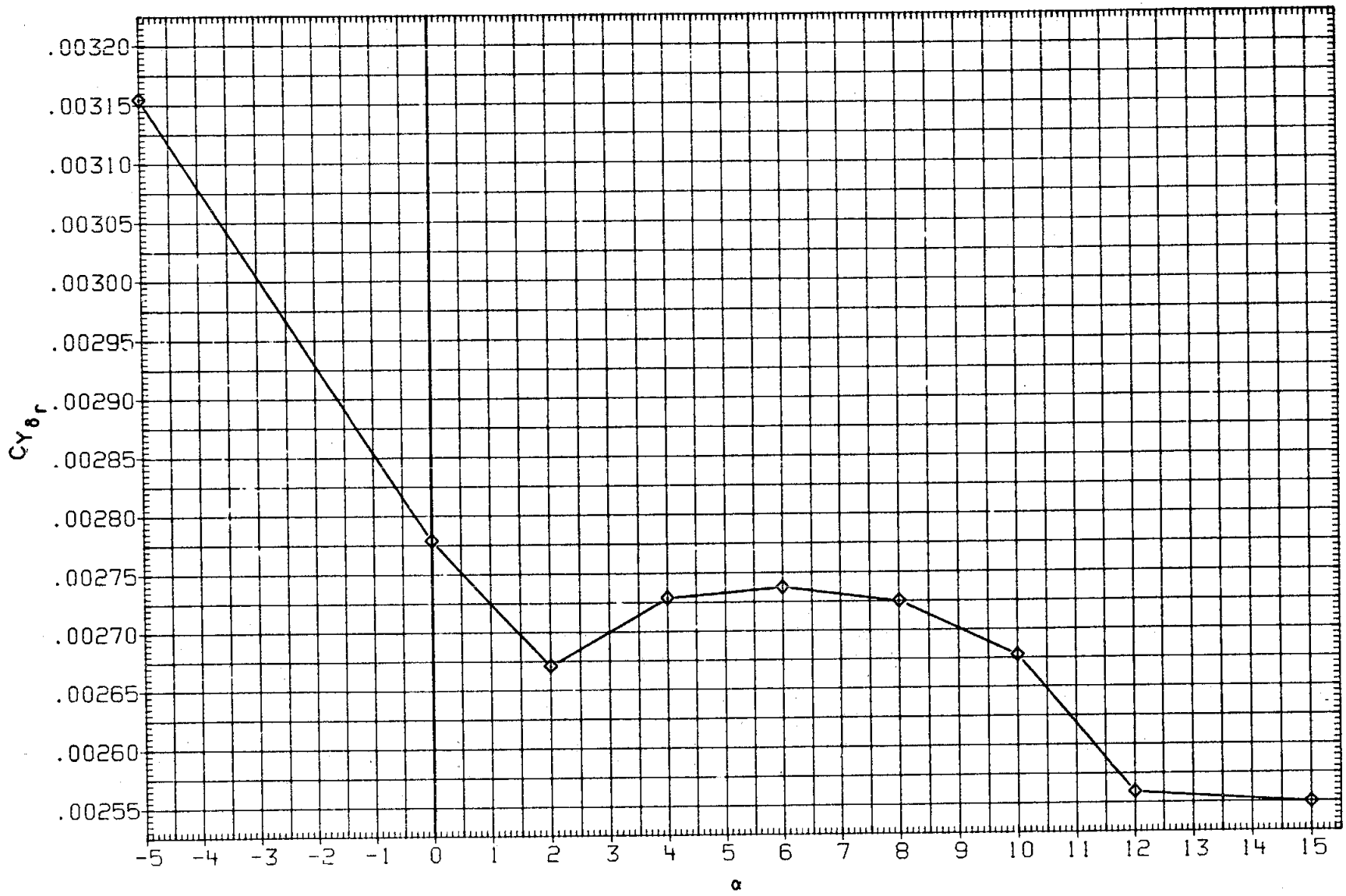


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION
MK0016	○	DATA NOT AVAILABLE
MKN029	□	DATA NOT AVAILABLE
M2F066	◇	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	25.500	5.270
.000	.000	.000	.000	25.000	5.000
.000	.000	.000	.000	25.000	-5.000

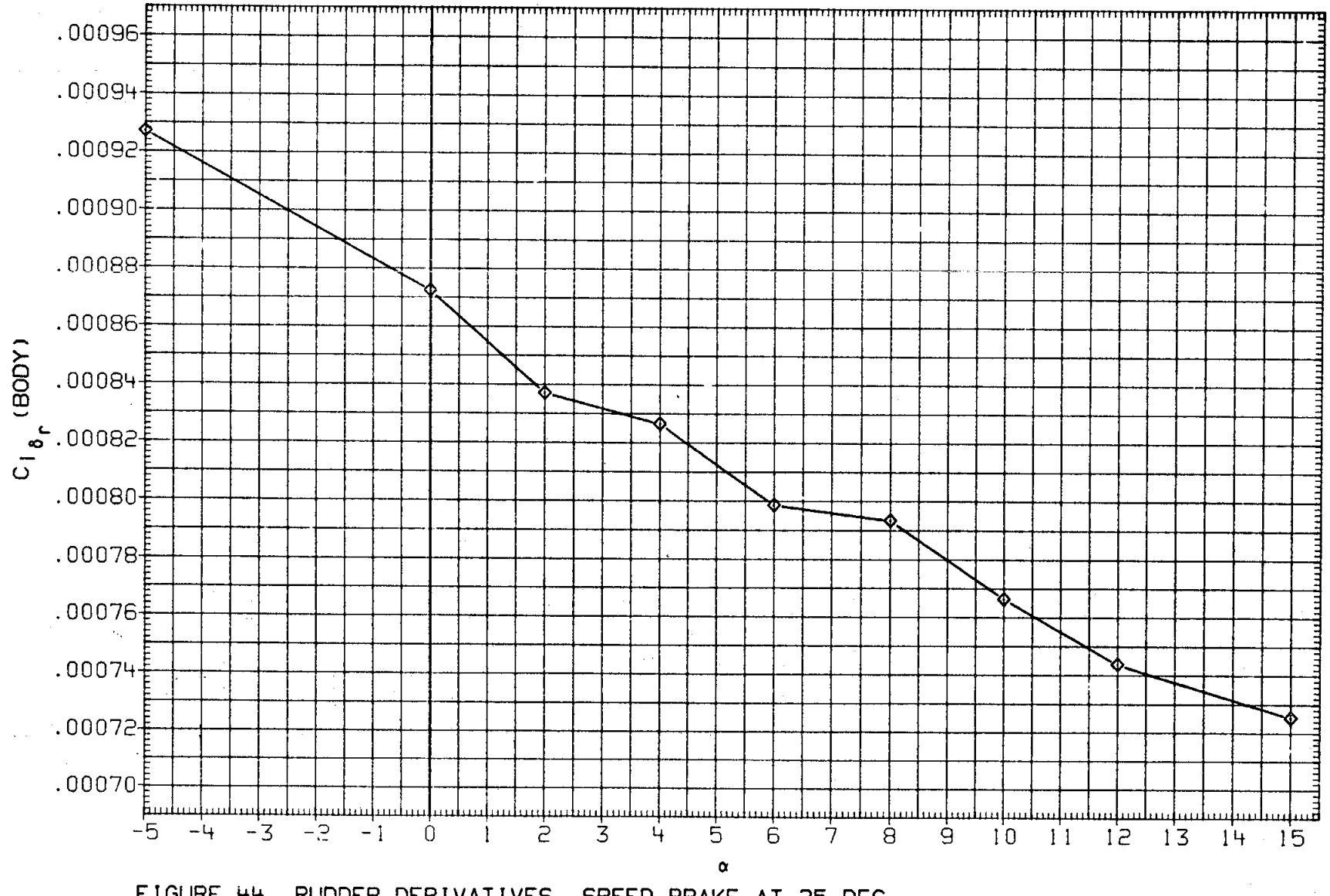


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	DATA NOT AVAILABLE	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 OA145A 01	.000	.000	.000	.000	25.000	-5.000

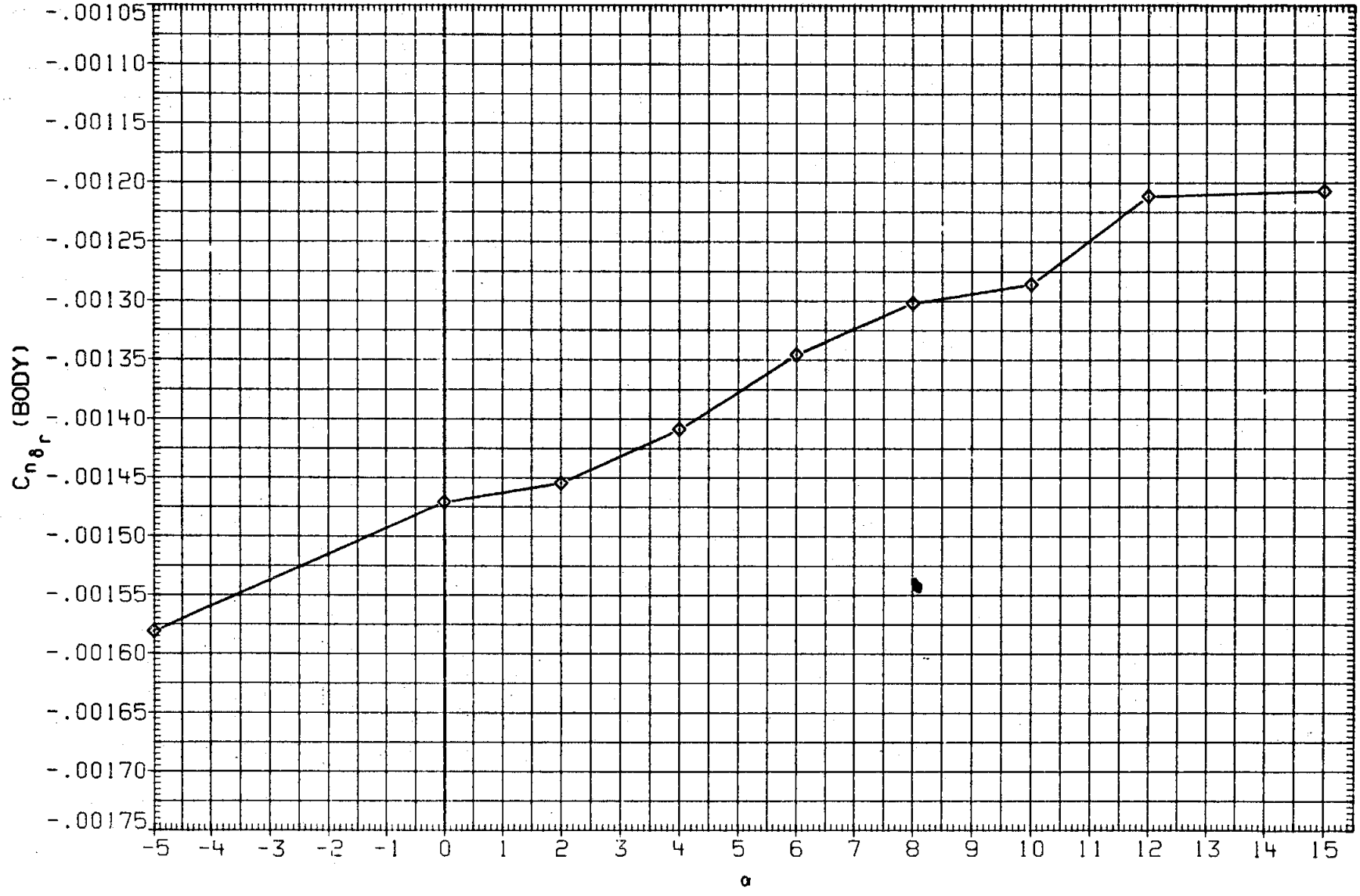


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

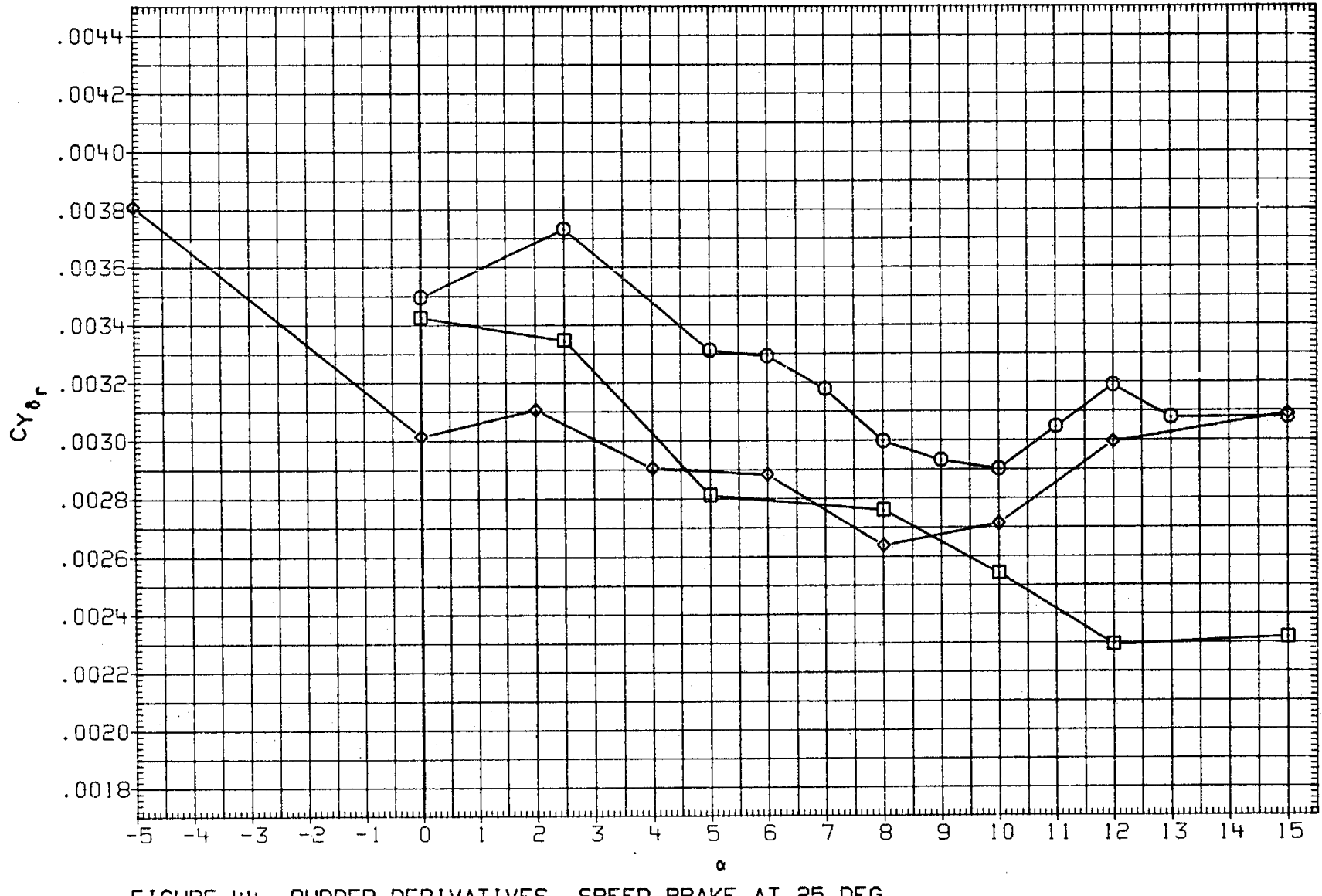


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(B)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

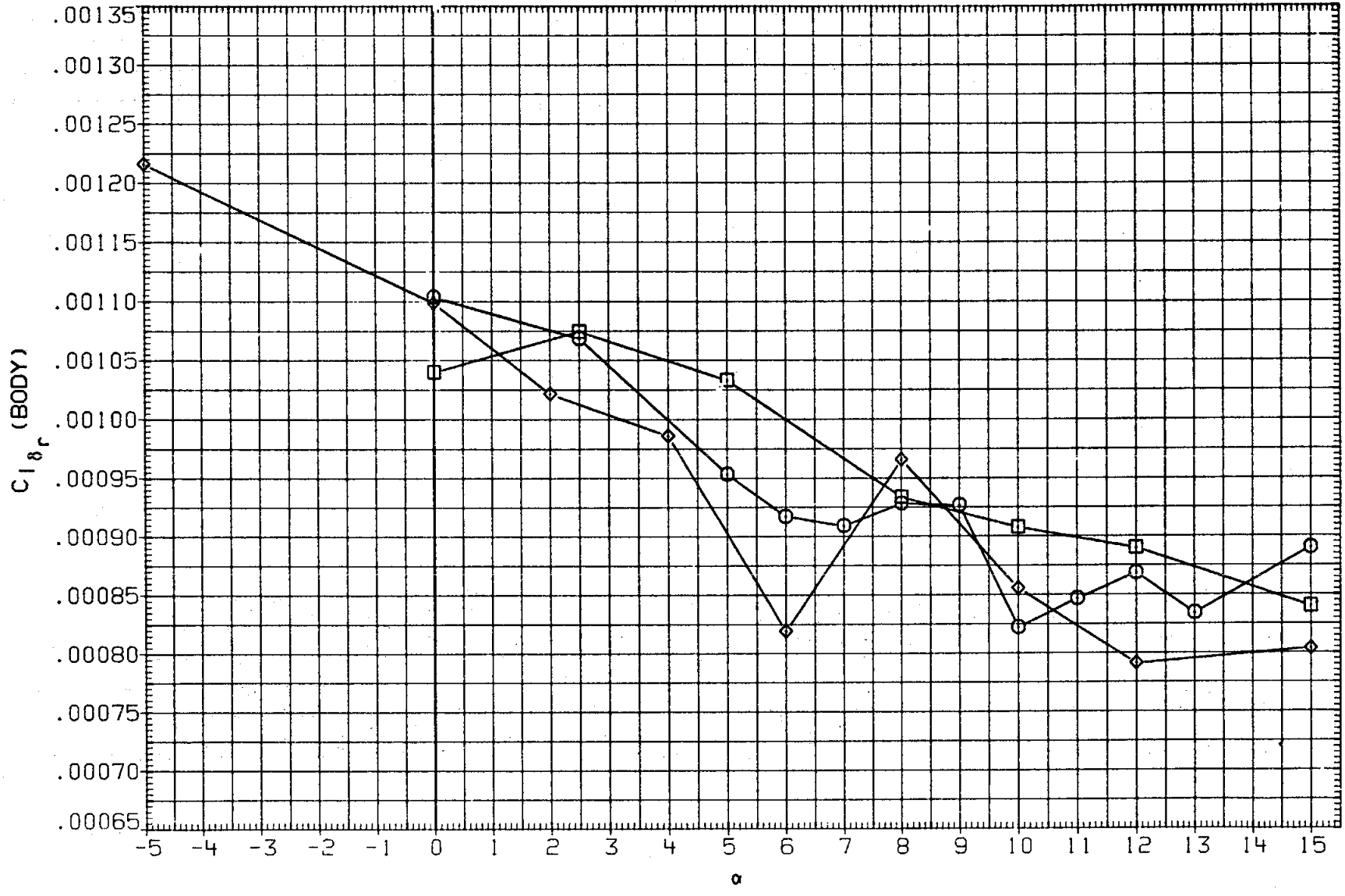


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(B)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	LARC 16FT TWT 326(0A270A) 39-0 ORB.	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

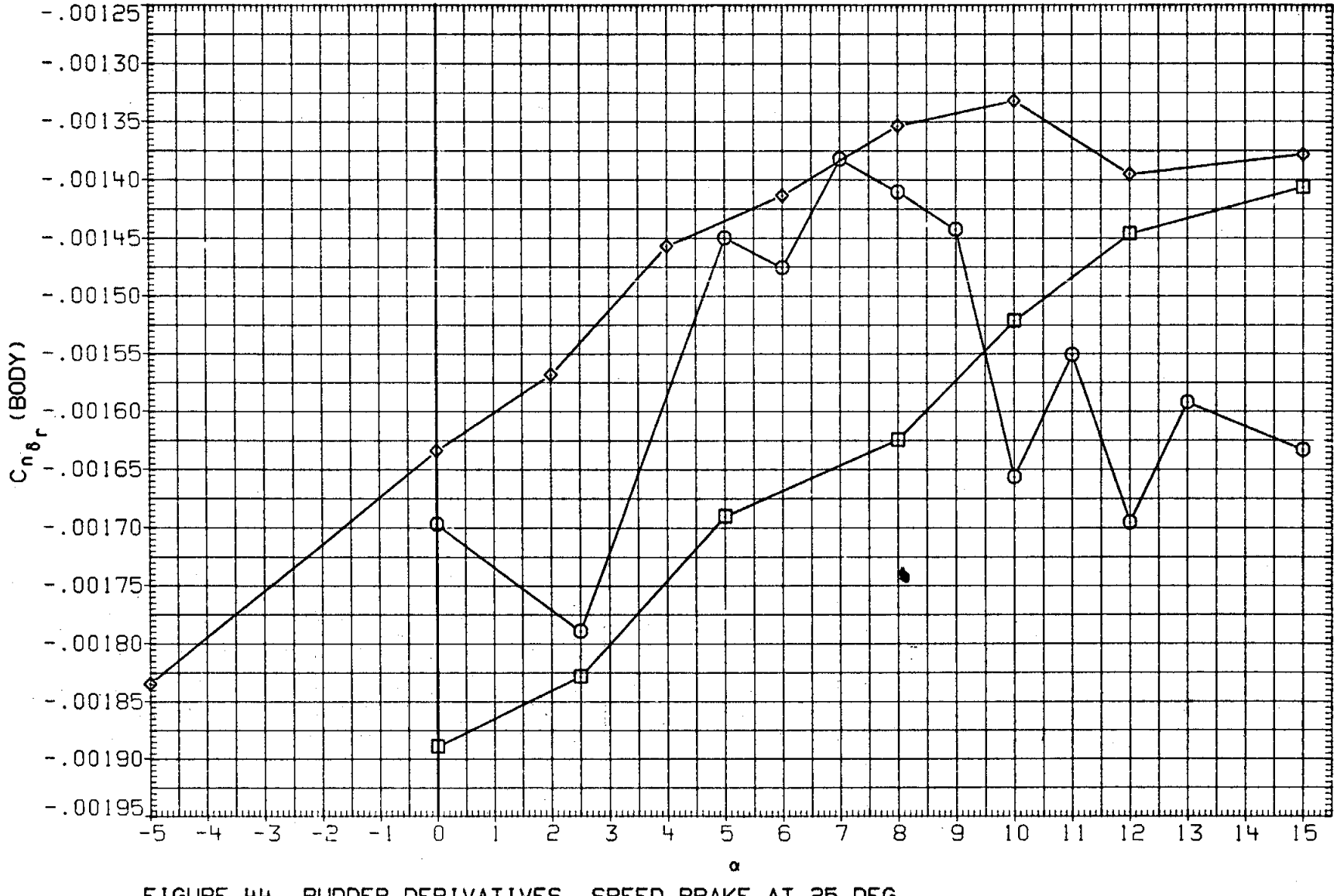


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(B)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

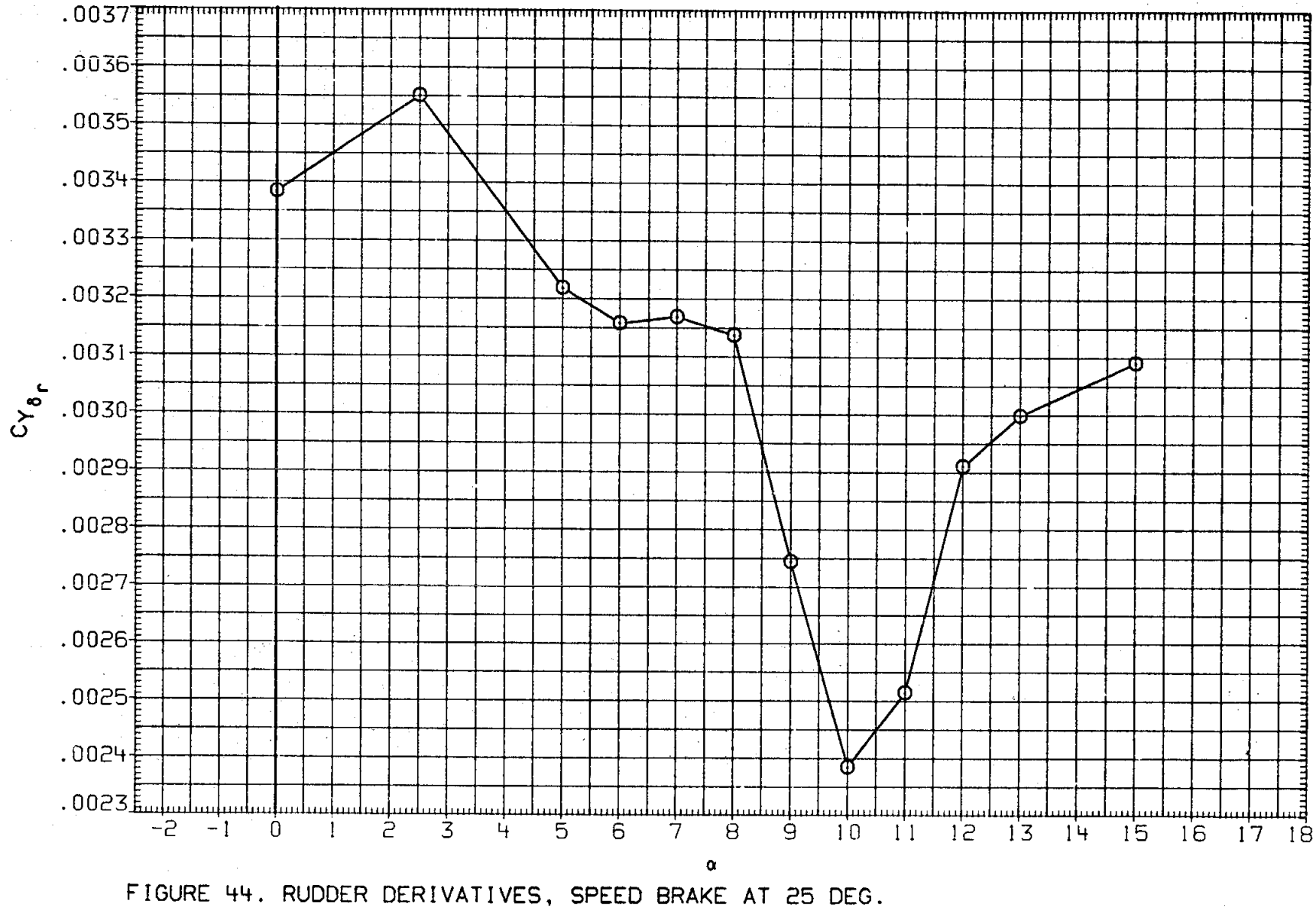


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

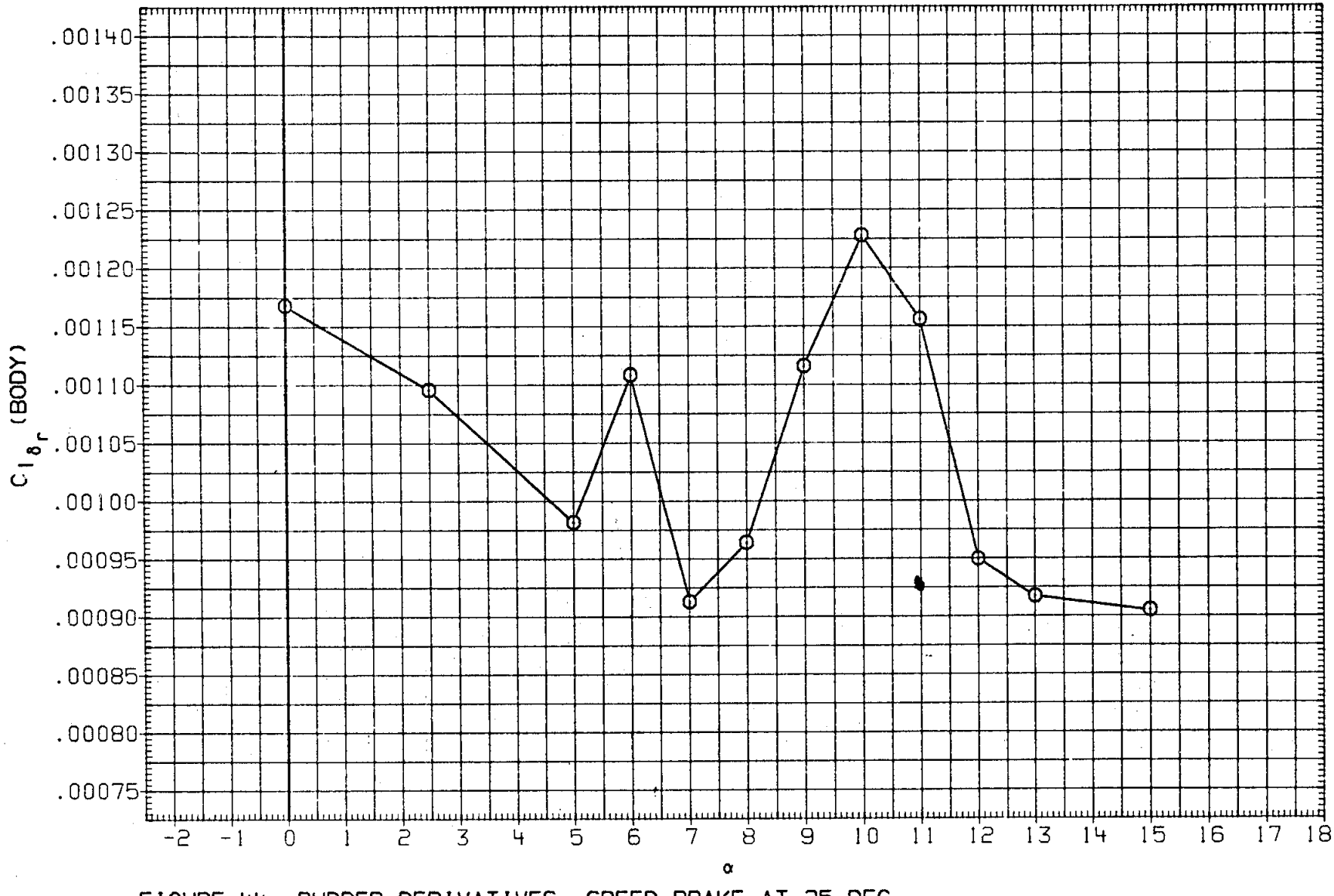


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

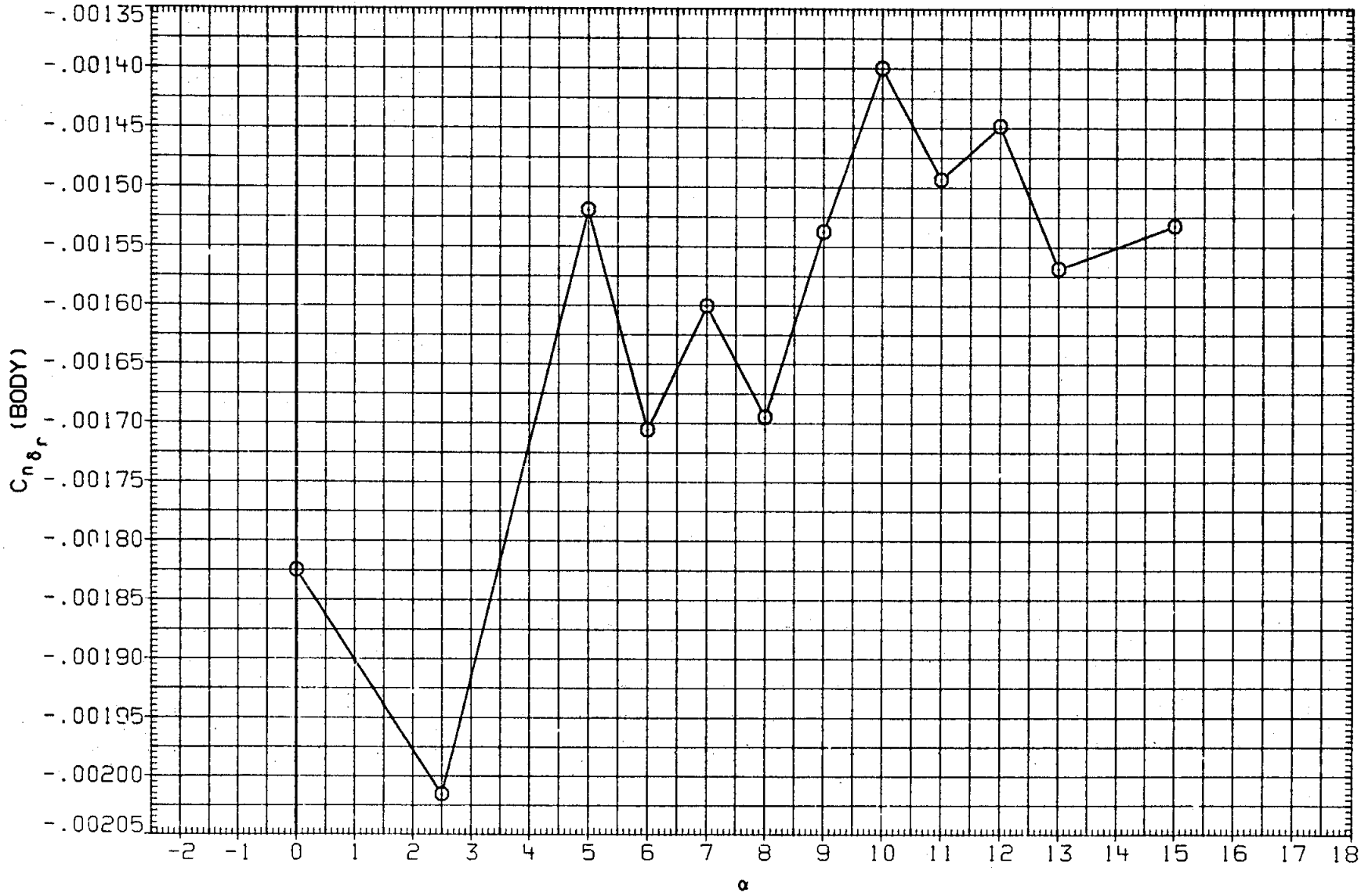


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A2:0B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

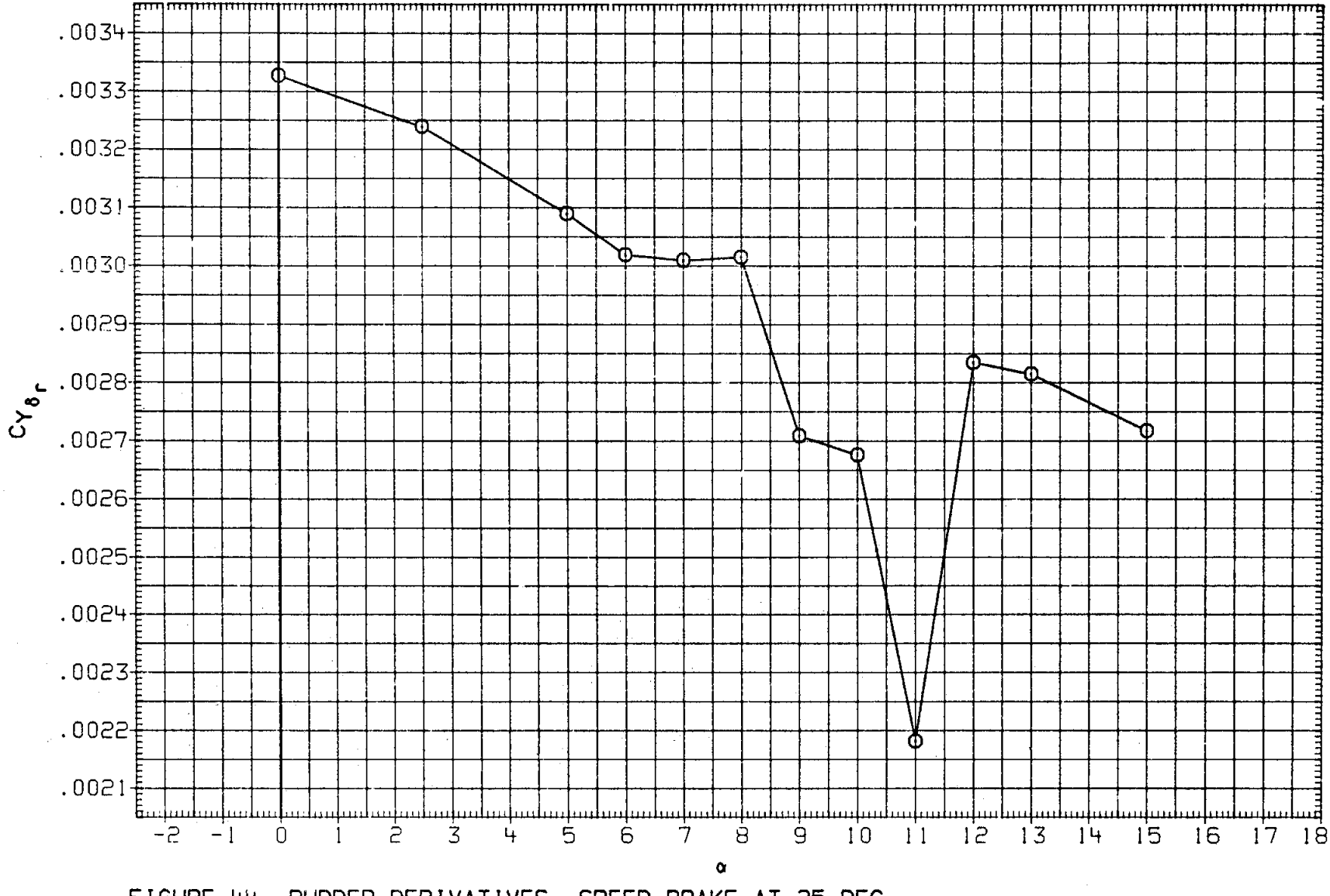


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION
MK0016	○	LARC 16FT TWT 325(0A2708) 105-0 ORB.
MKN029	□	DATA NOT AVAILABLE
M2F066	◇	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	25.500	5.270
.000	.000	.000	.000	25.000	5.000
.000	.000	.000	.000	25.000	-5.000

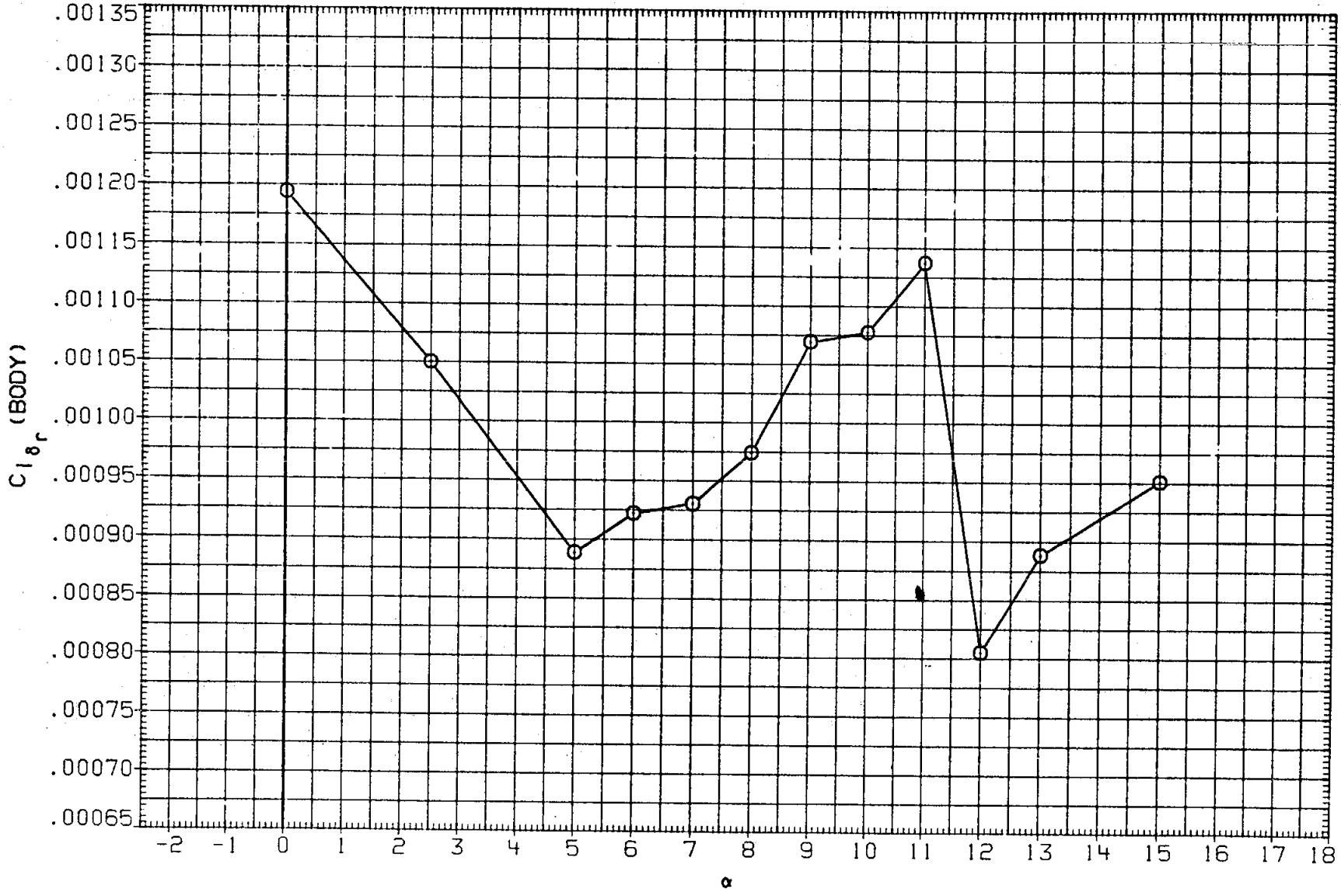


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

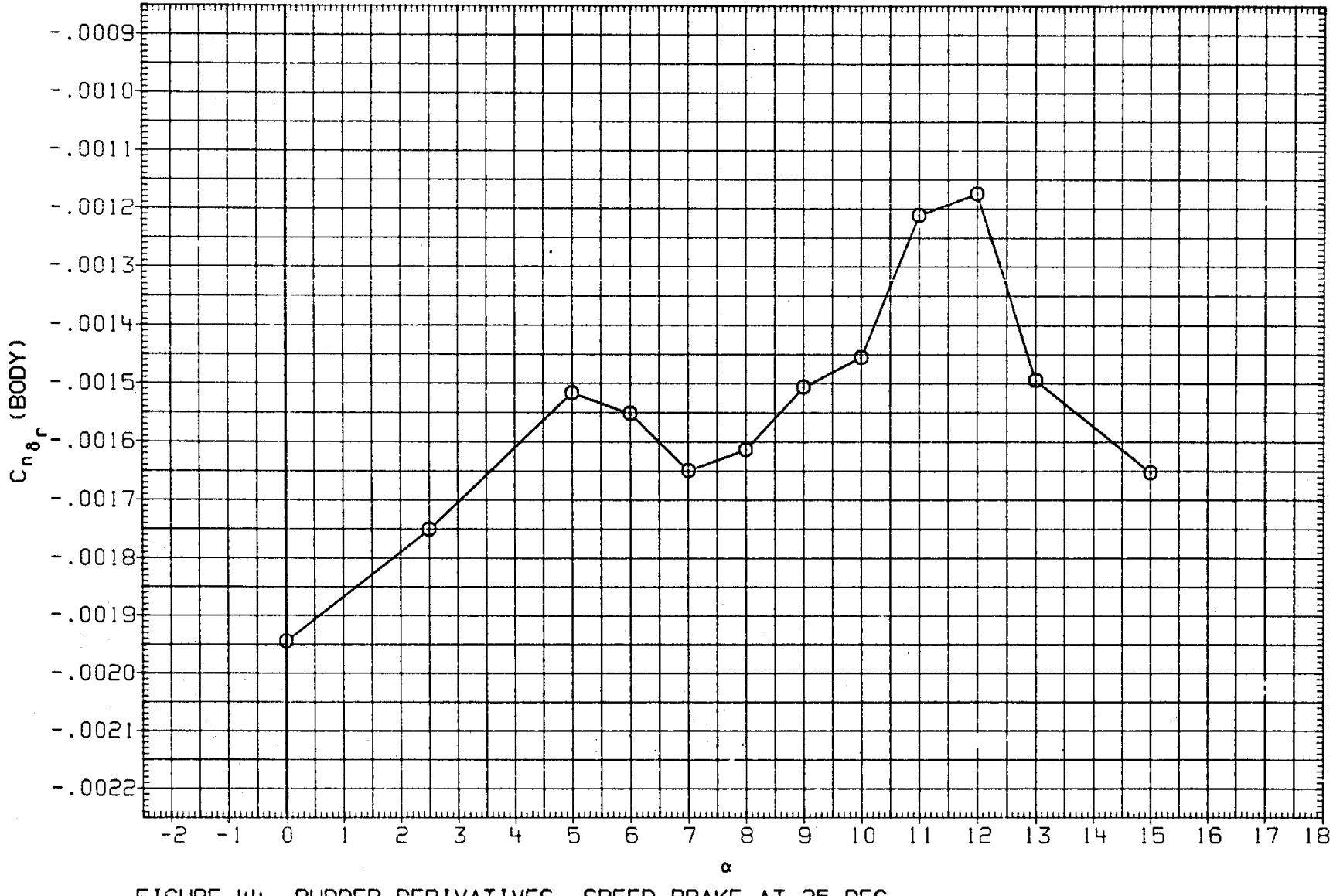


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

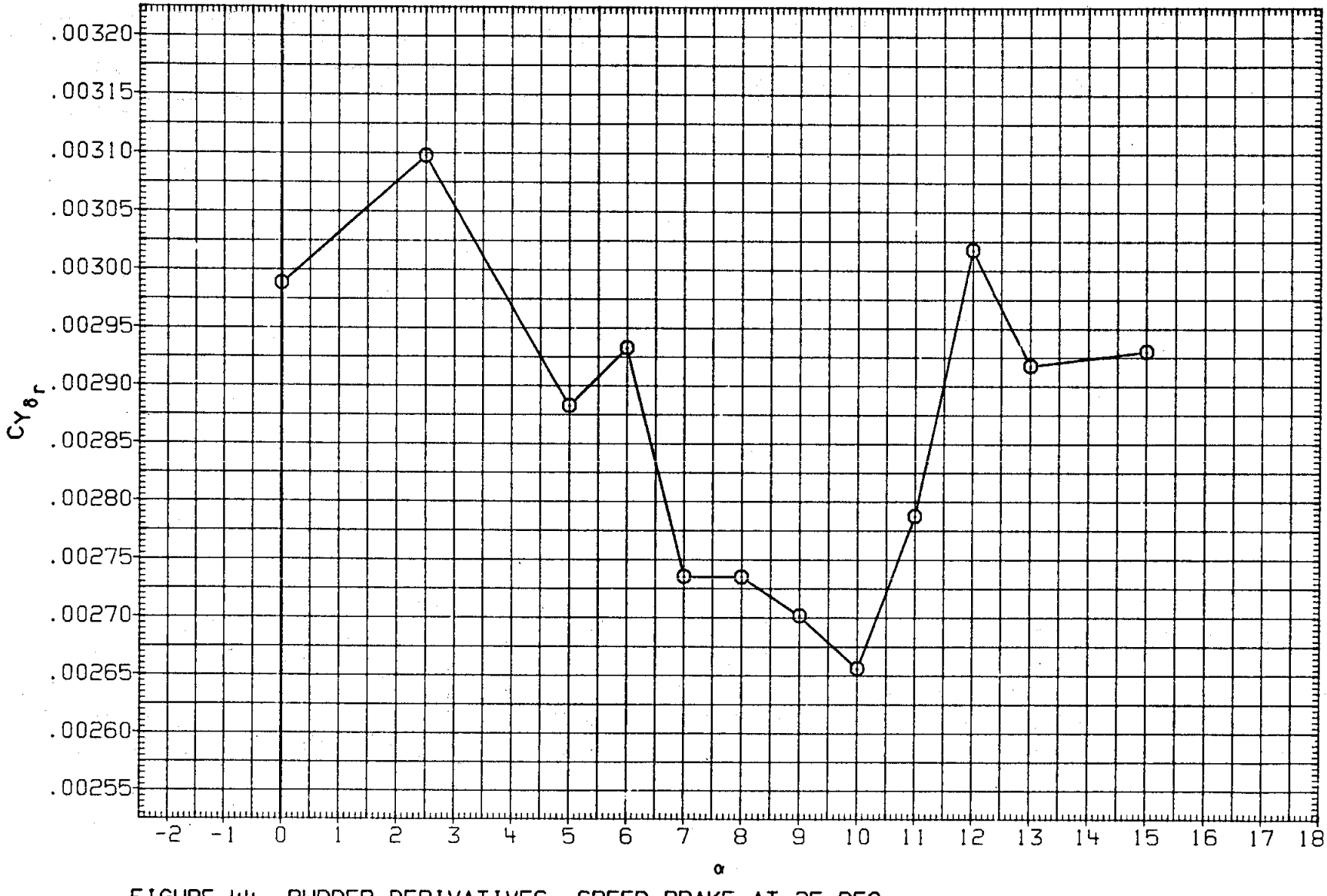


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(E)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

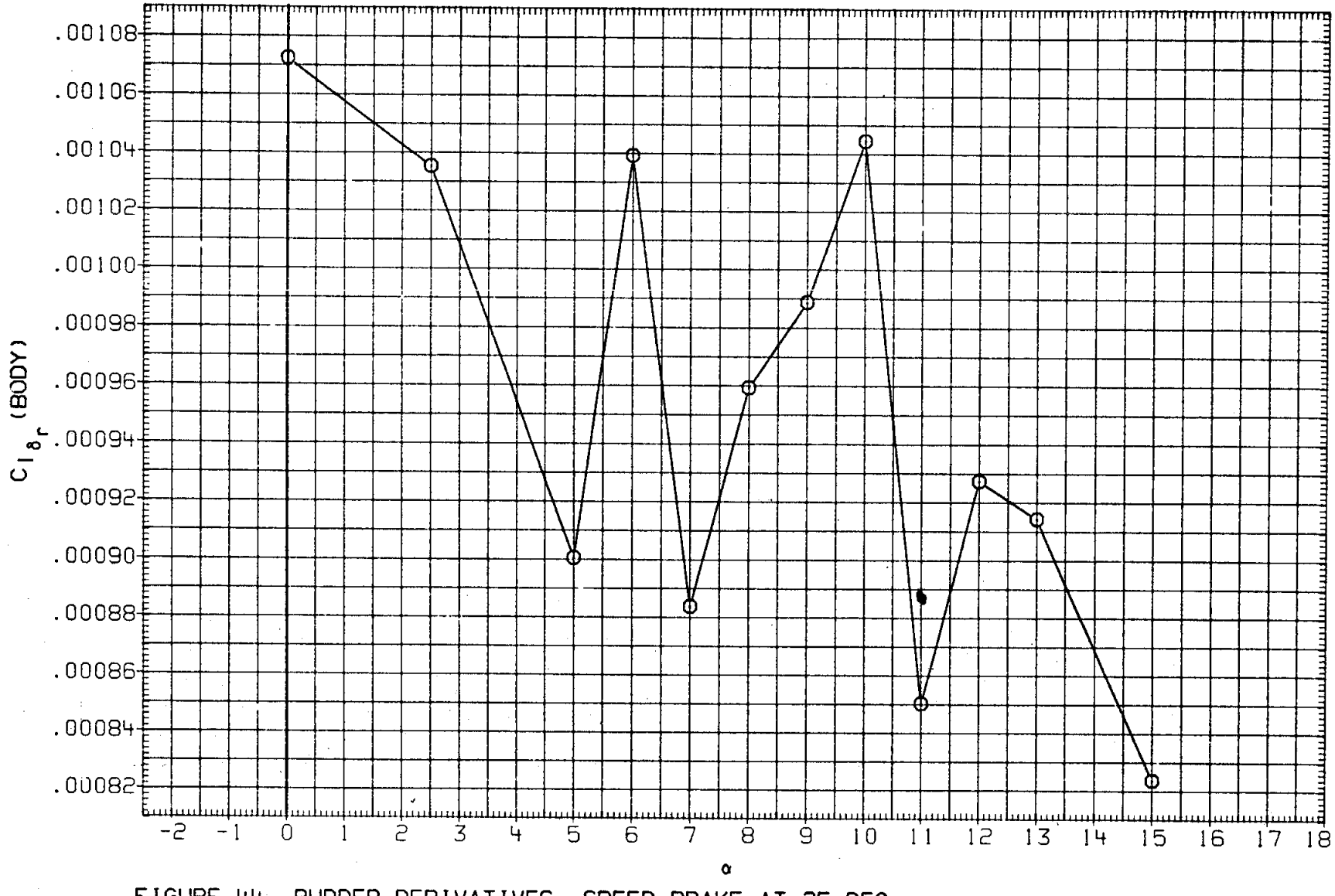


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(E)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN029	□	DATA NOT AVAILABLE
M2F066	◇	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	25.500	5.270
.000	.000	.000	.000	25.000	5.000
.000	.000	.000	.000	25.000	-5.000

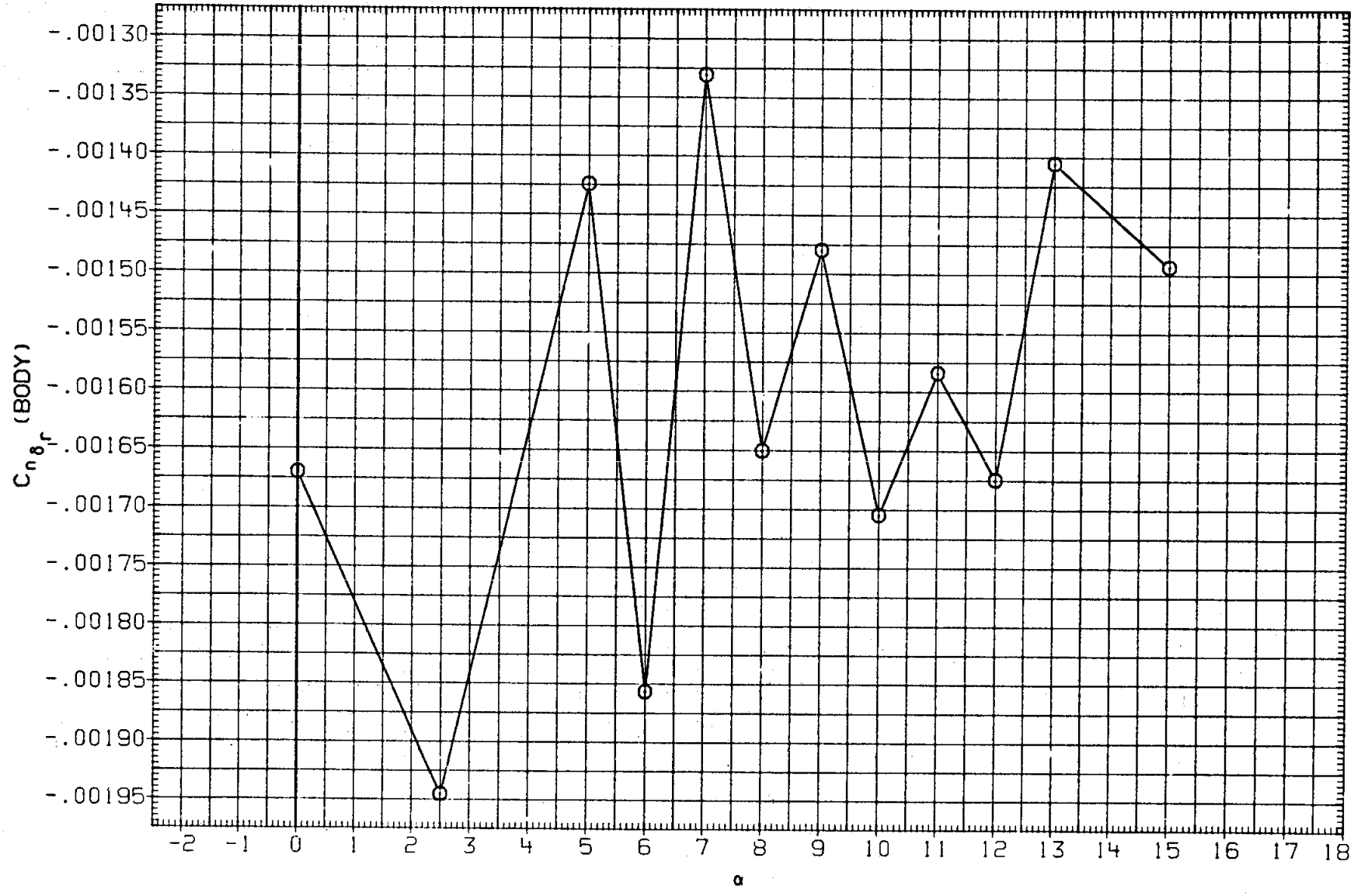


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(E)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

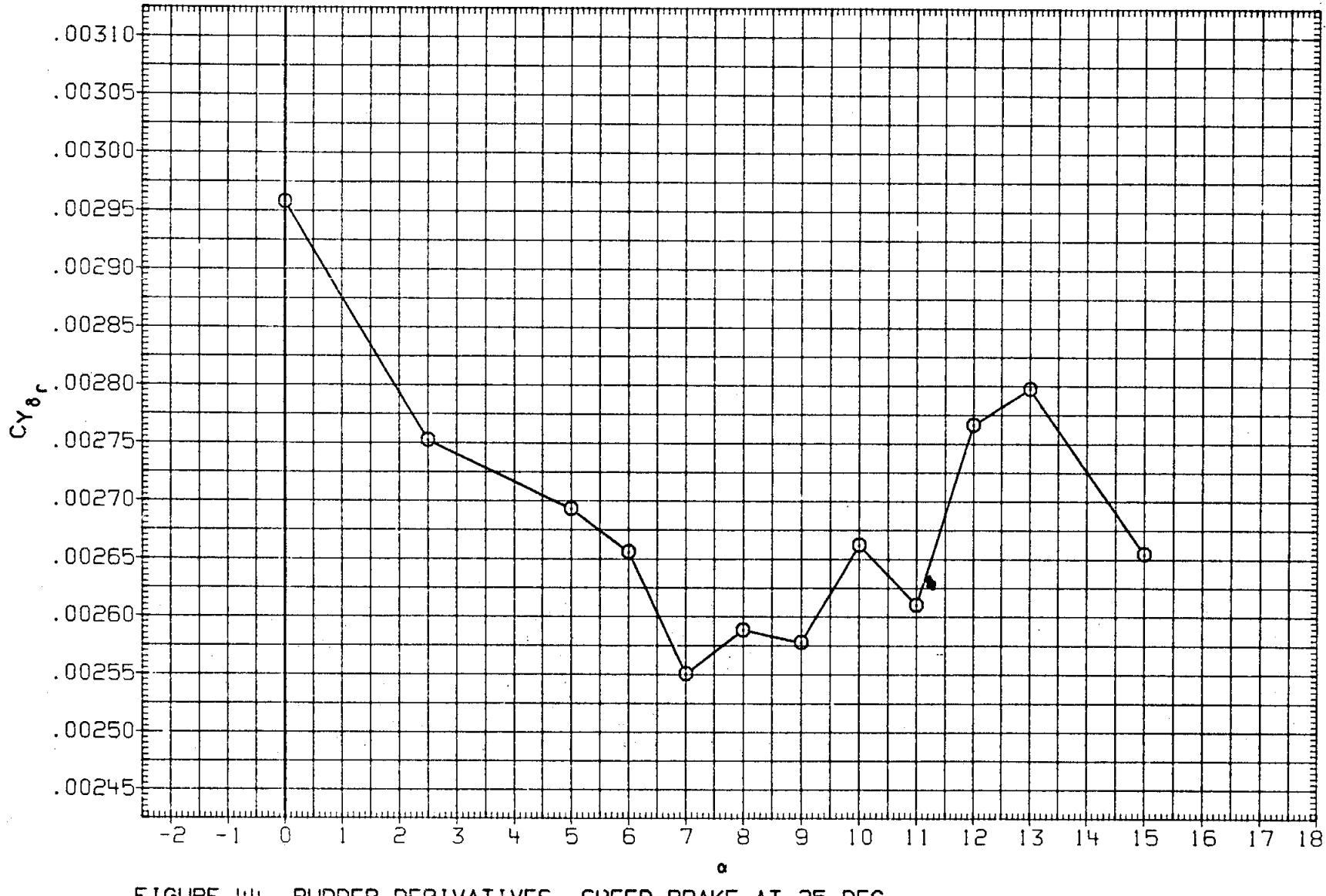


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

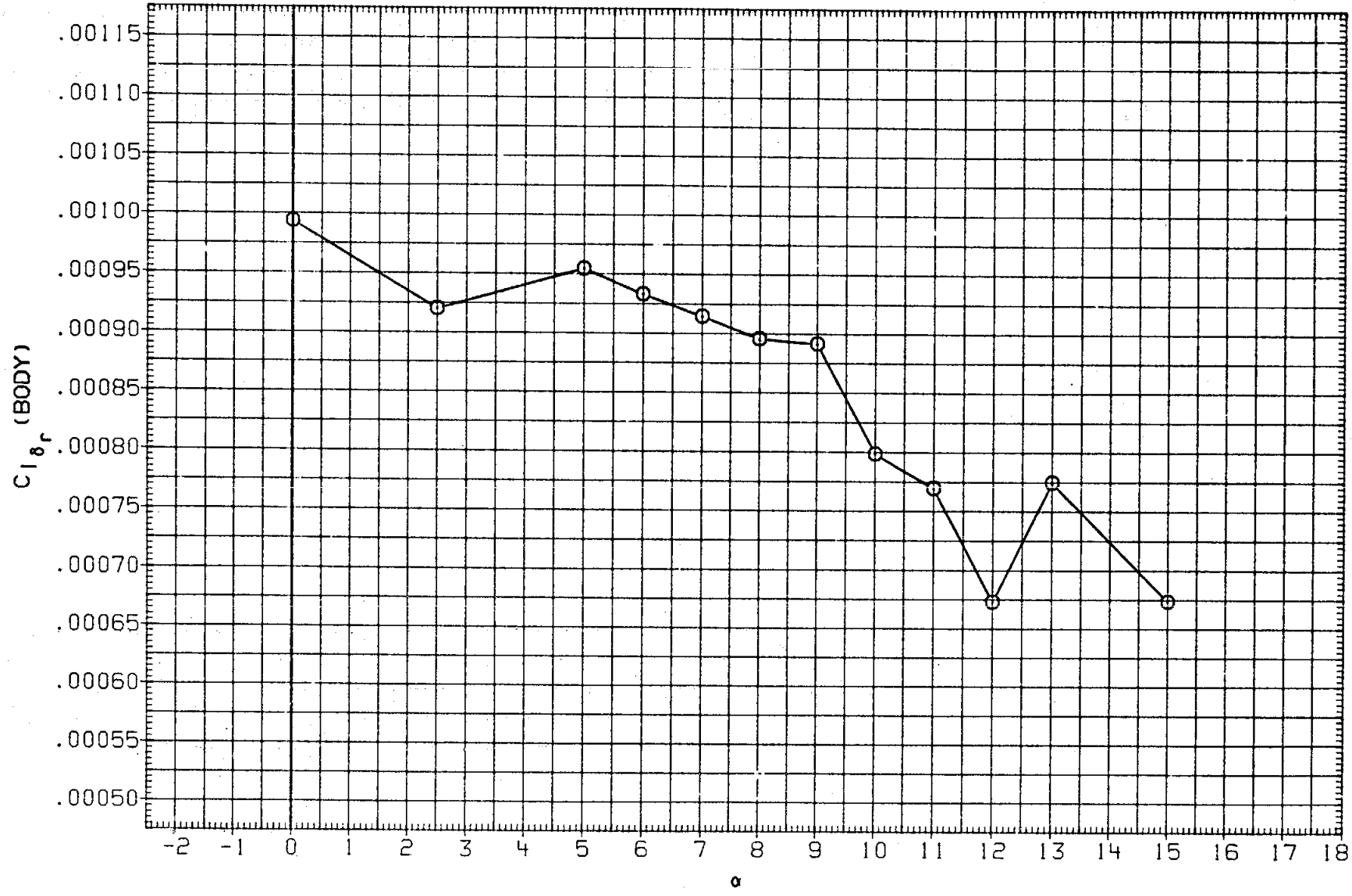


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

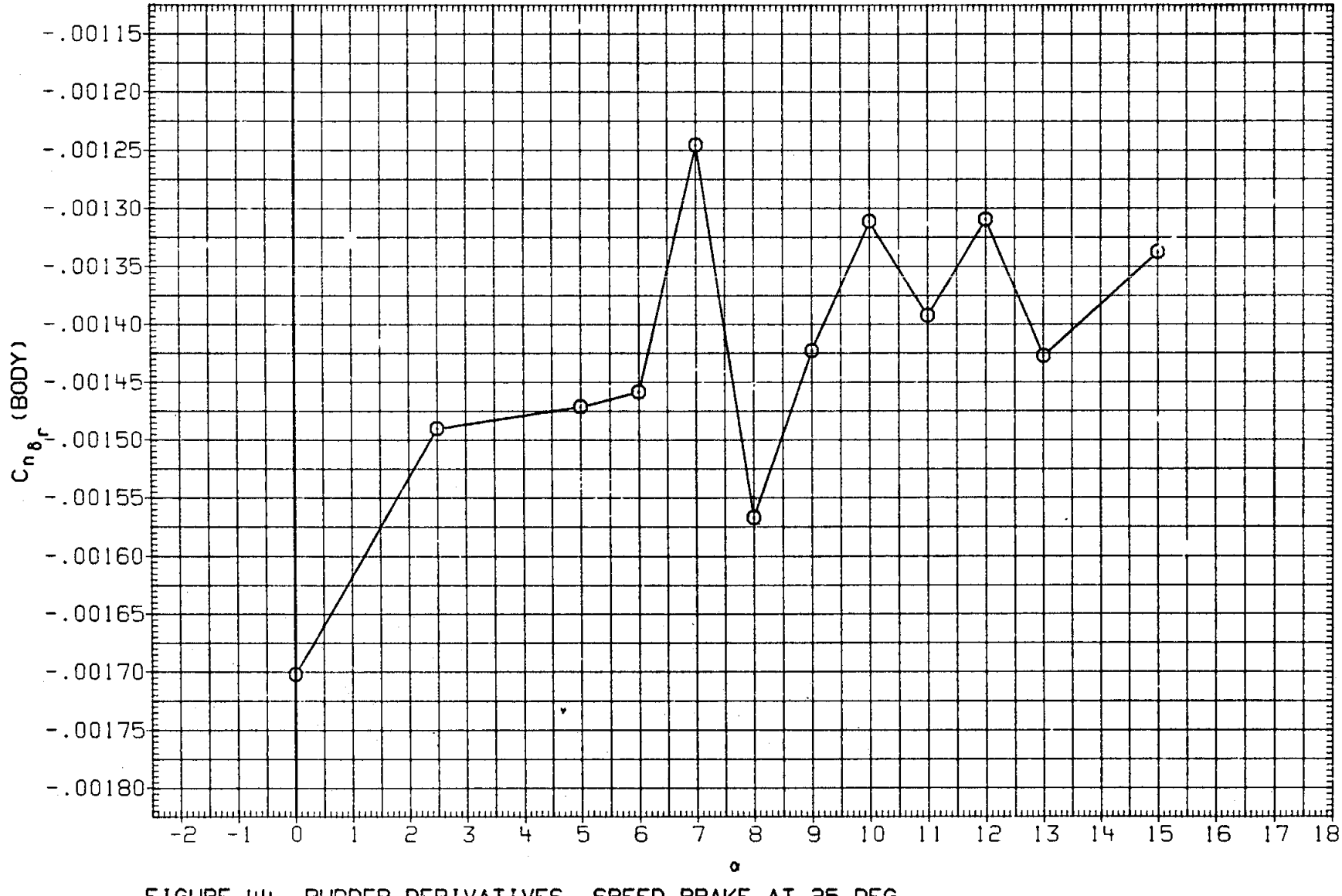


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(F)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

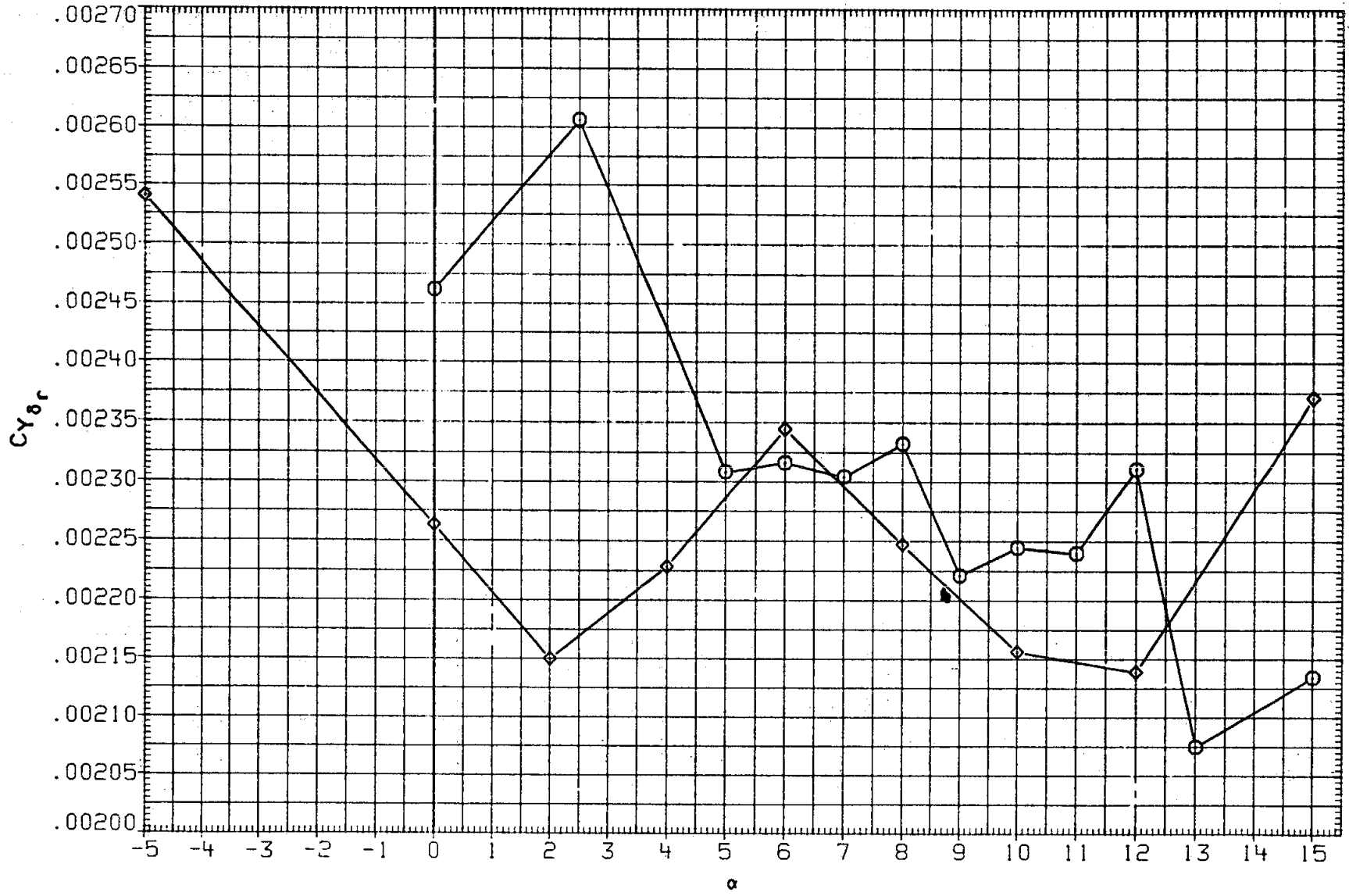


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

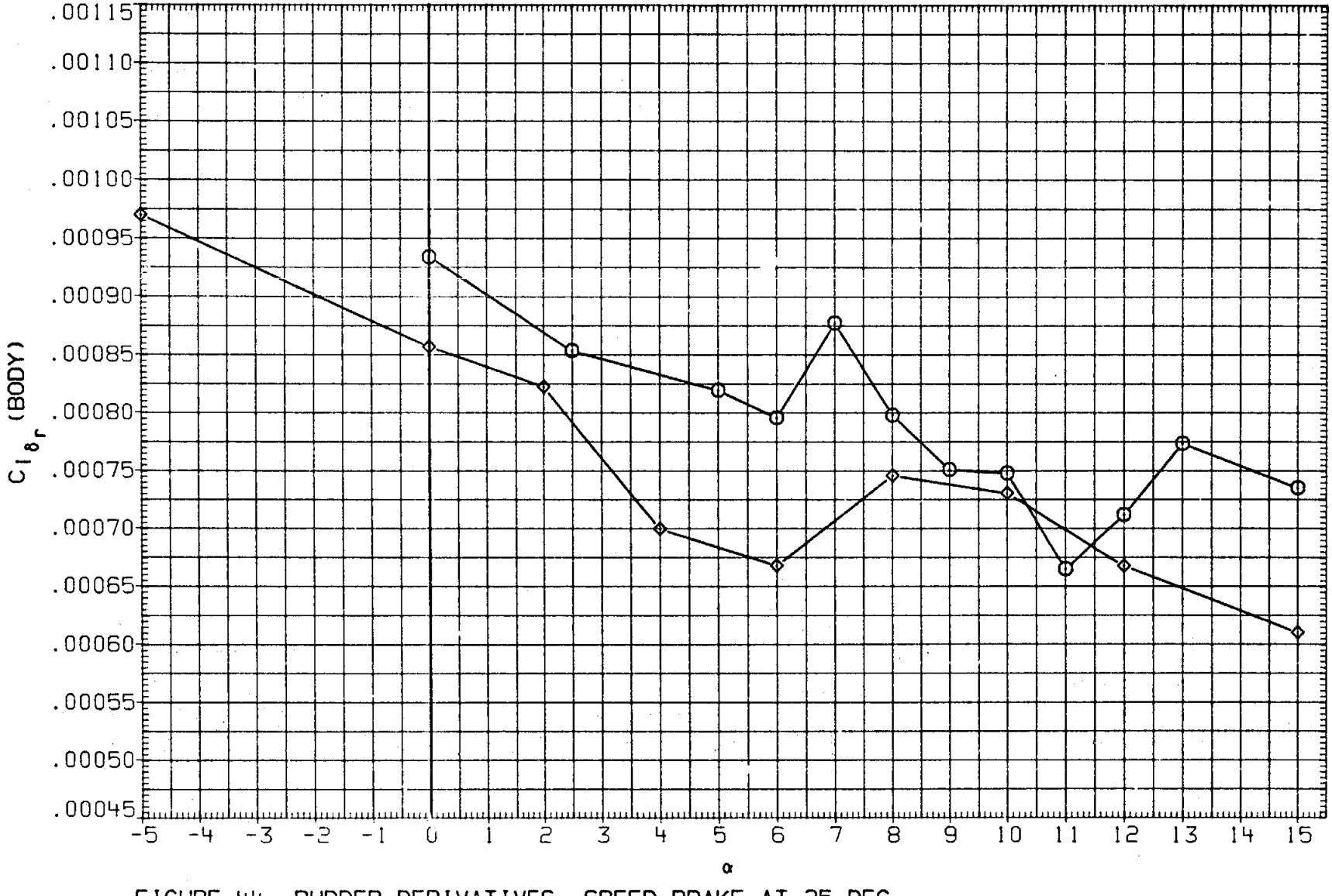


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	25.000	-5.000

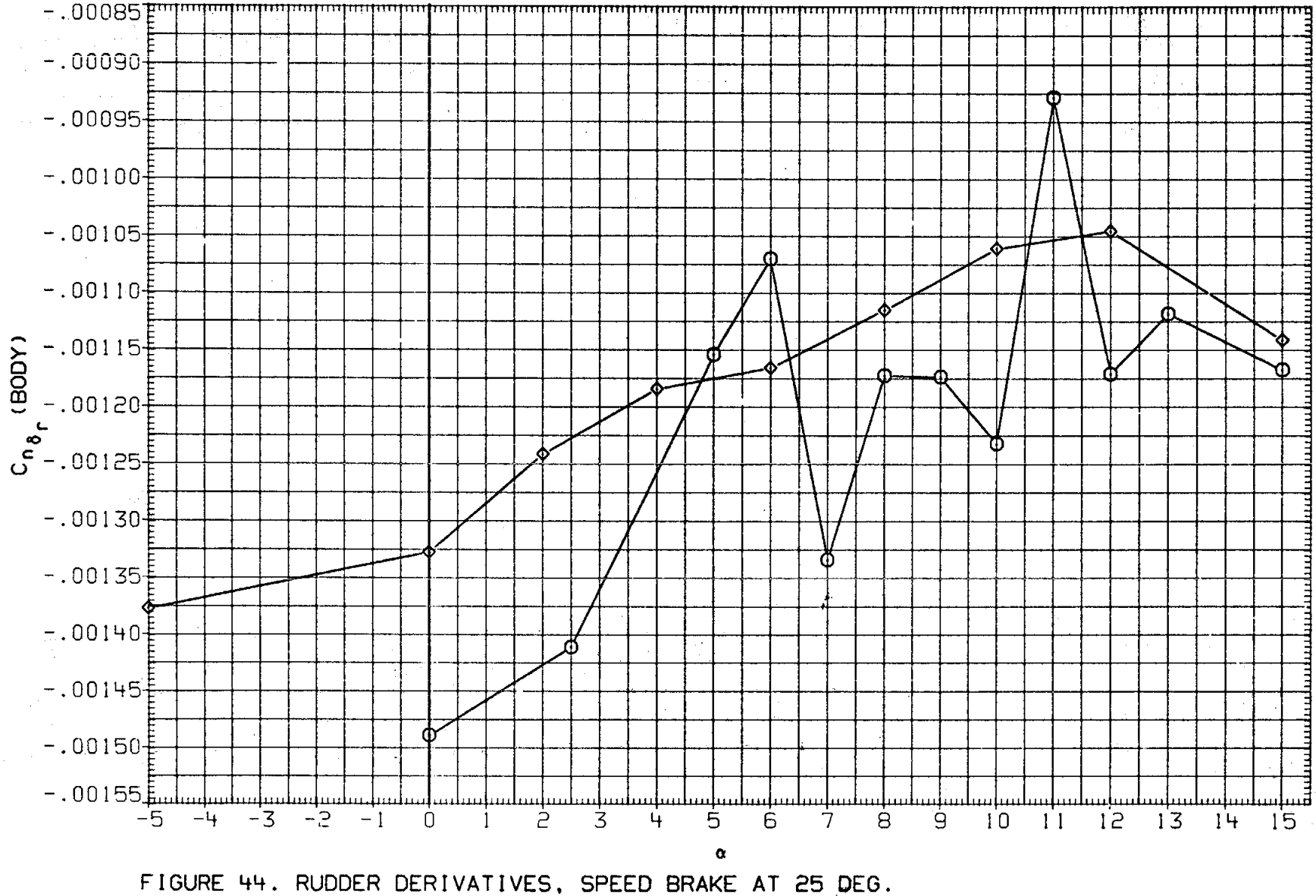


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(G)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
MKN029	□	DATA NOT AVAILABLE
M2F066	◇	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	25.500	5.270
.000	.000	.000	.000	25.000	5.000
.000	.000	.000	.000	25.000	-5.000

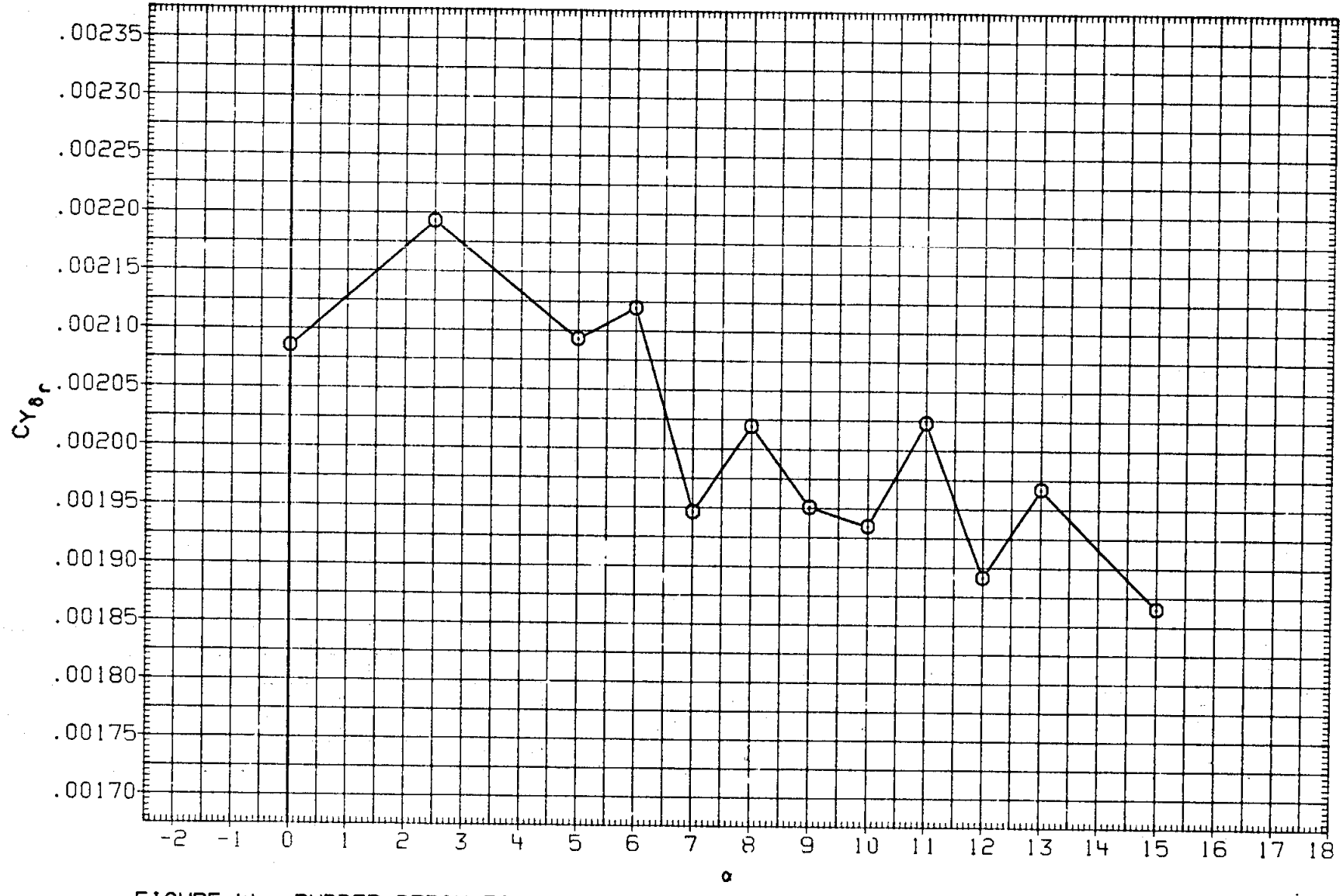


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(H)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

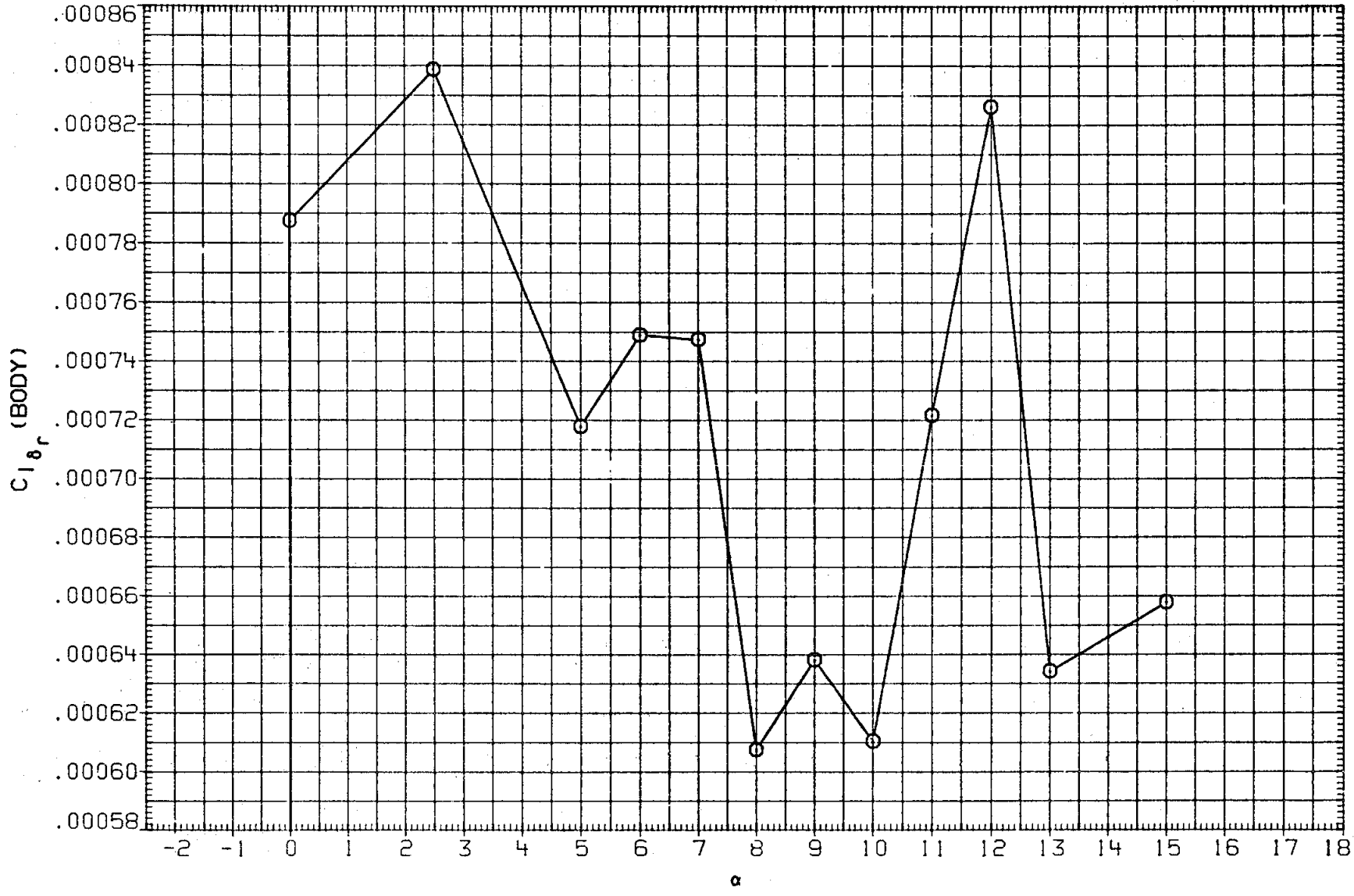


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(H)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0016	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	25.500	5.270
MKN029	□	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	5.000
M2F066	◇	DATA NOT AVAILABLE	.000	.000	.000	.000	25.000	-5.000

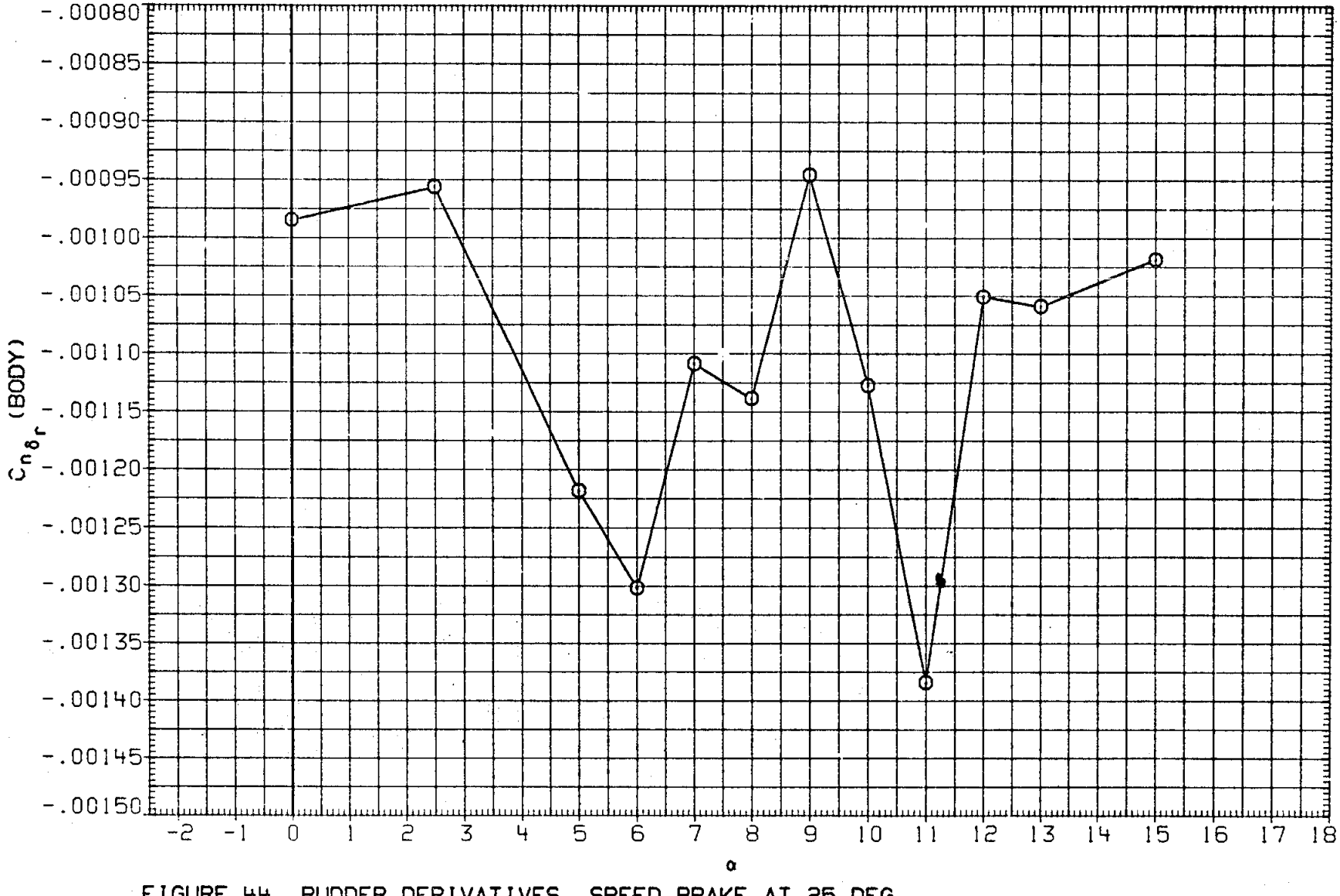


FIGURE 44. RUDDER DERIVATIVES, SPEED BRAKE AT 25 DEG.

(H)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

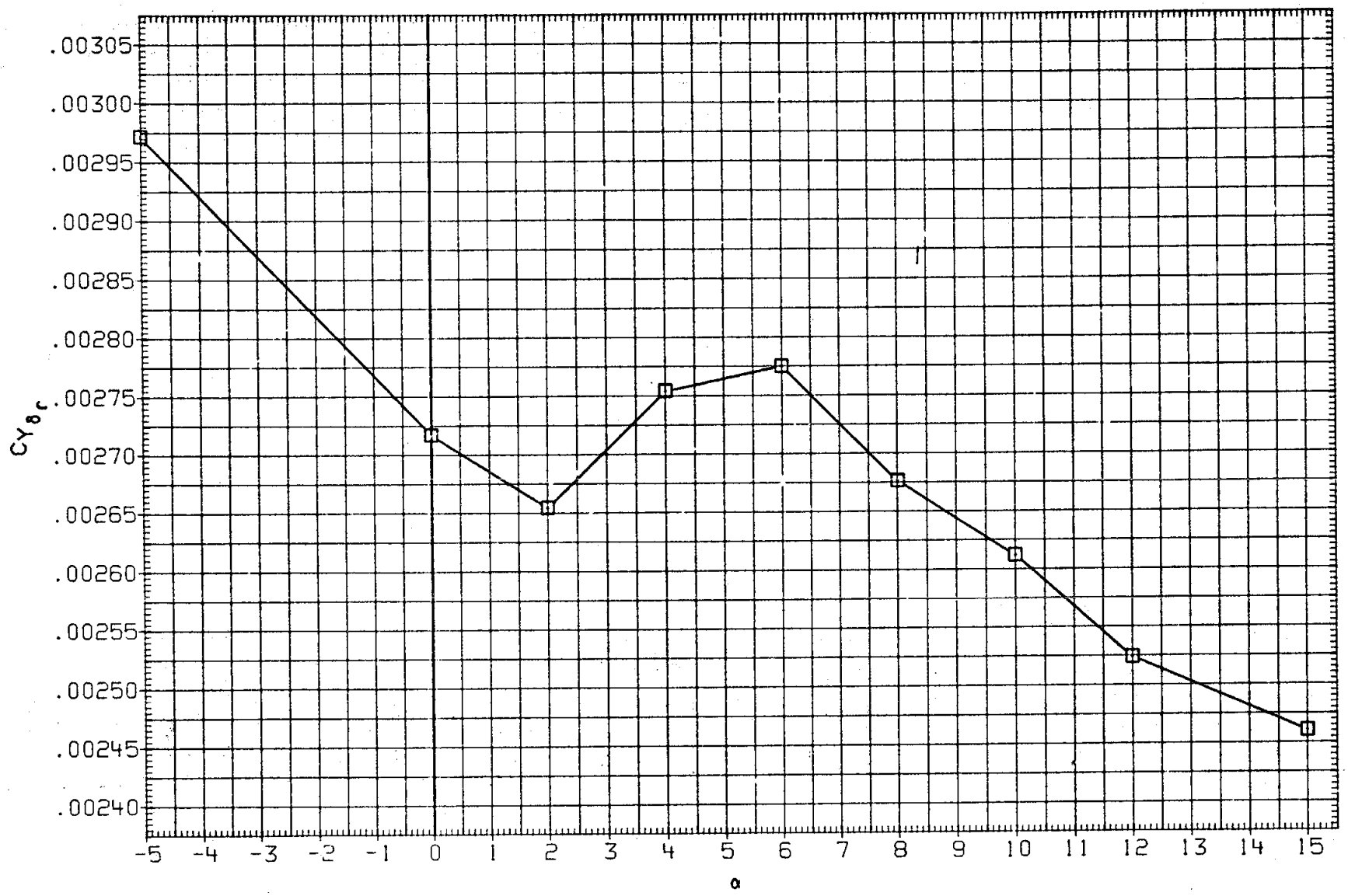


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION
MK0018	○	DATA NOT AVAILABLE
M2F0A8	□	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	54.570	5.260
.000	.000	.000	.000	55.000	-5.000

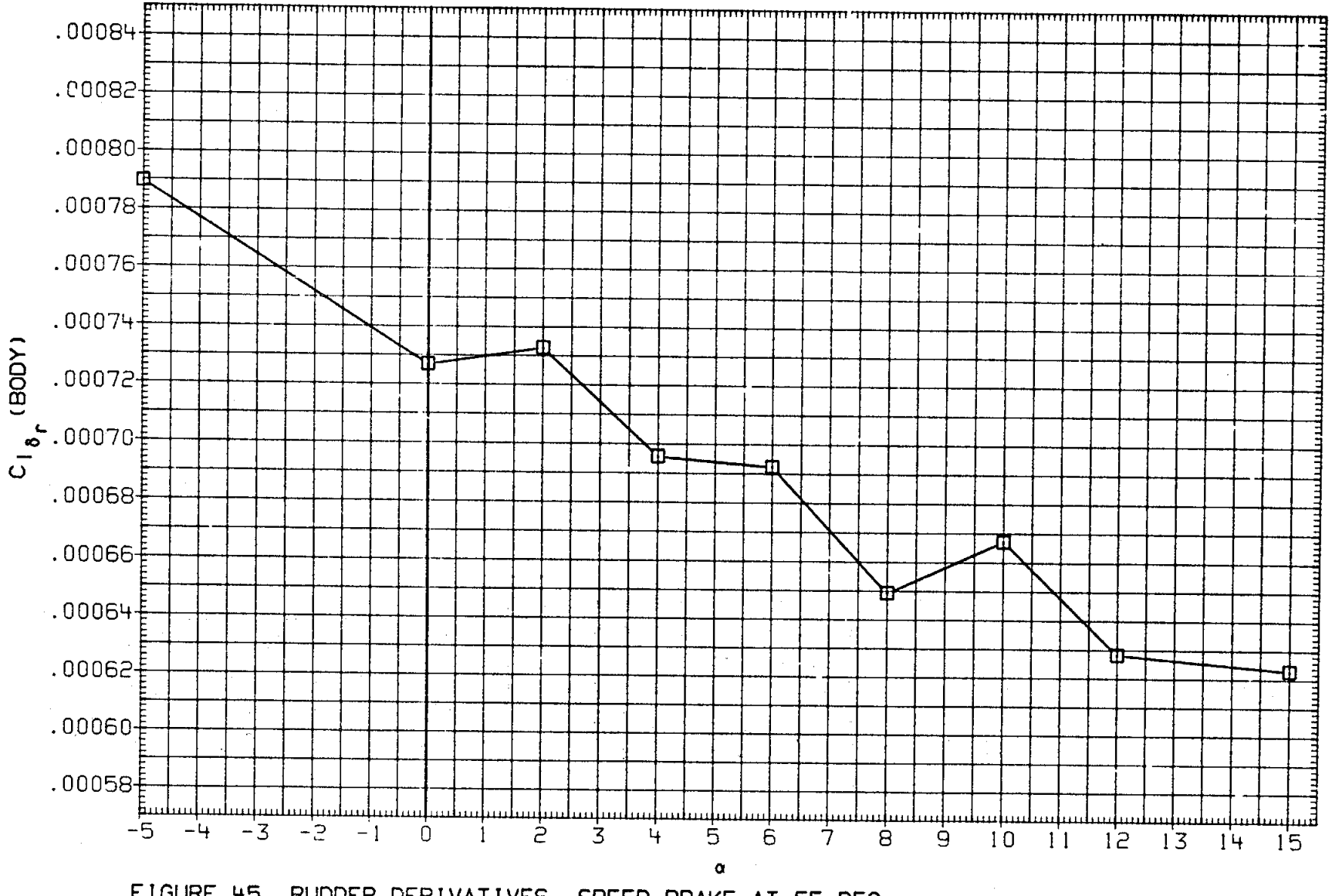


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

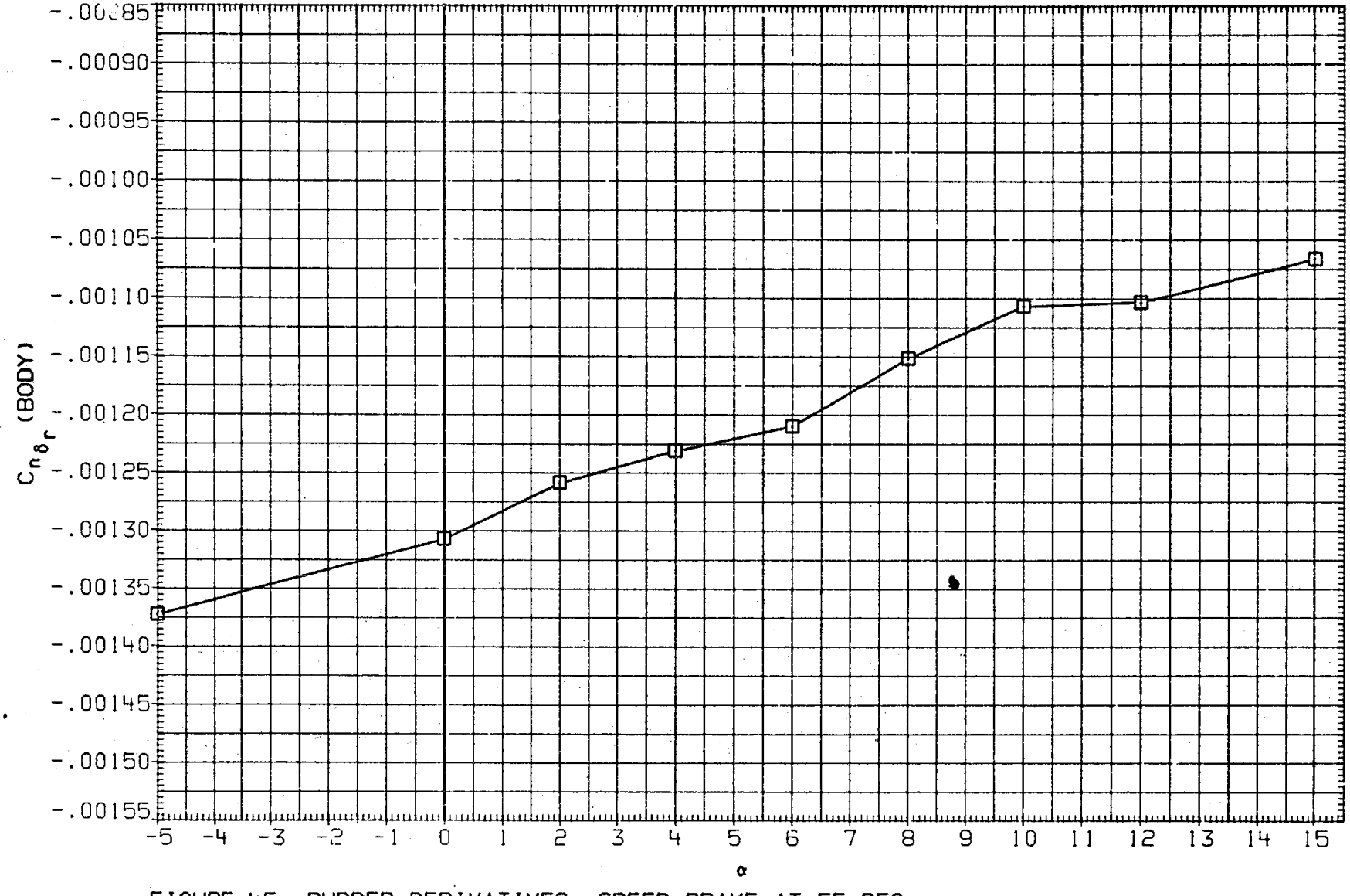


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION
MK0018	○	DATA NOT AVAILABLE
M2F0A8	□	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	54.570	5.260
.000	.000	.000	.000	55.000	-5.000

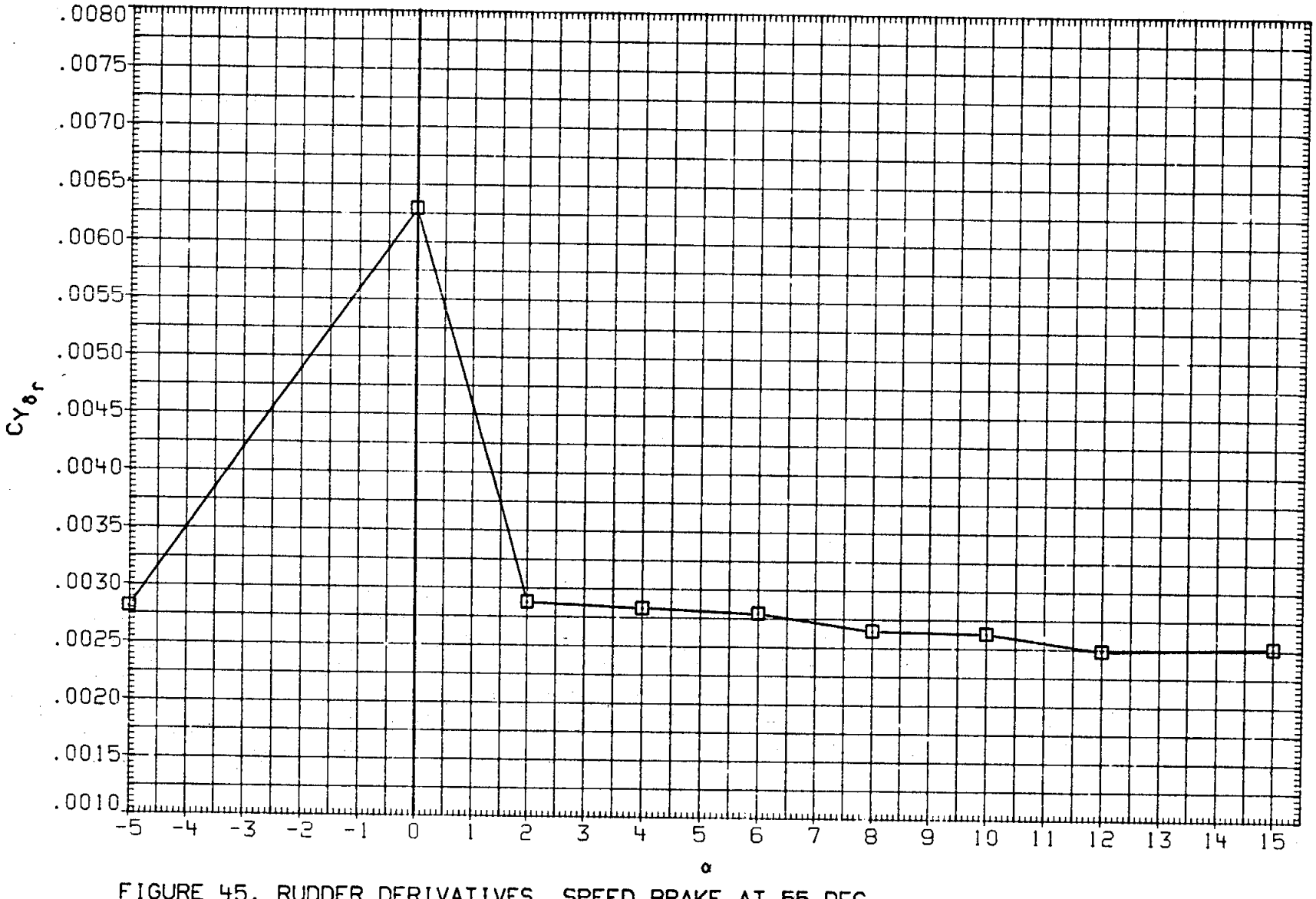


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(B) MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

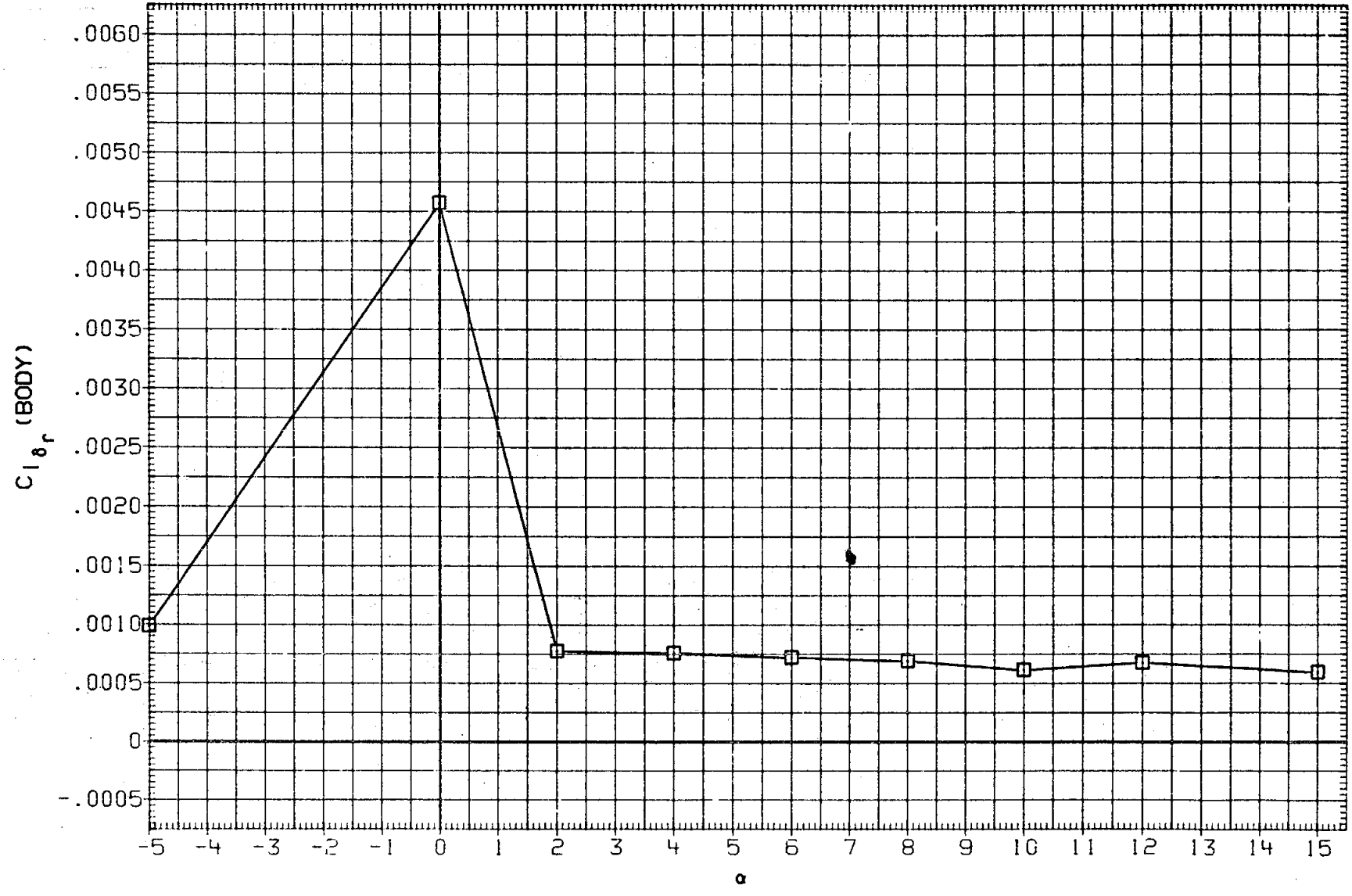


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	DATA NOT AVAILABLE	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

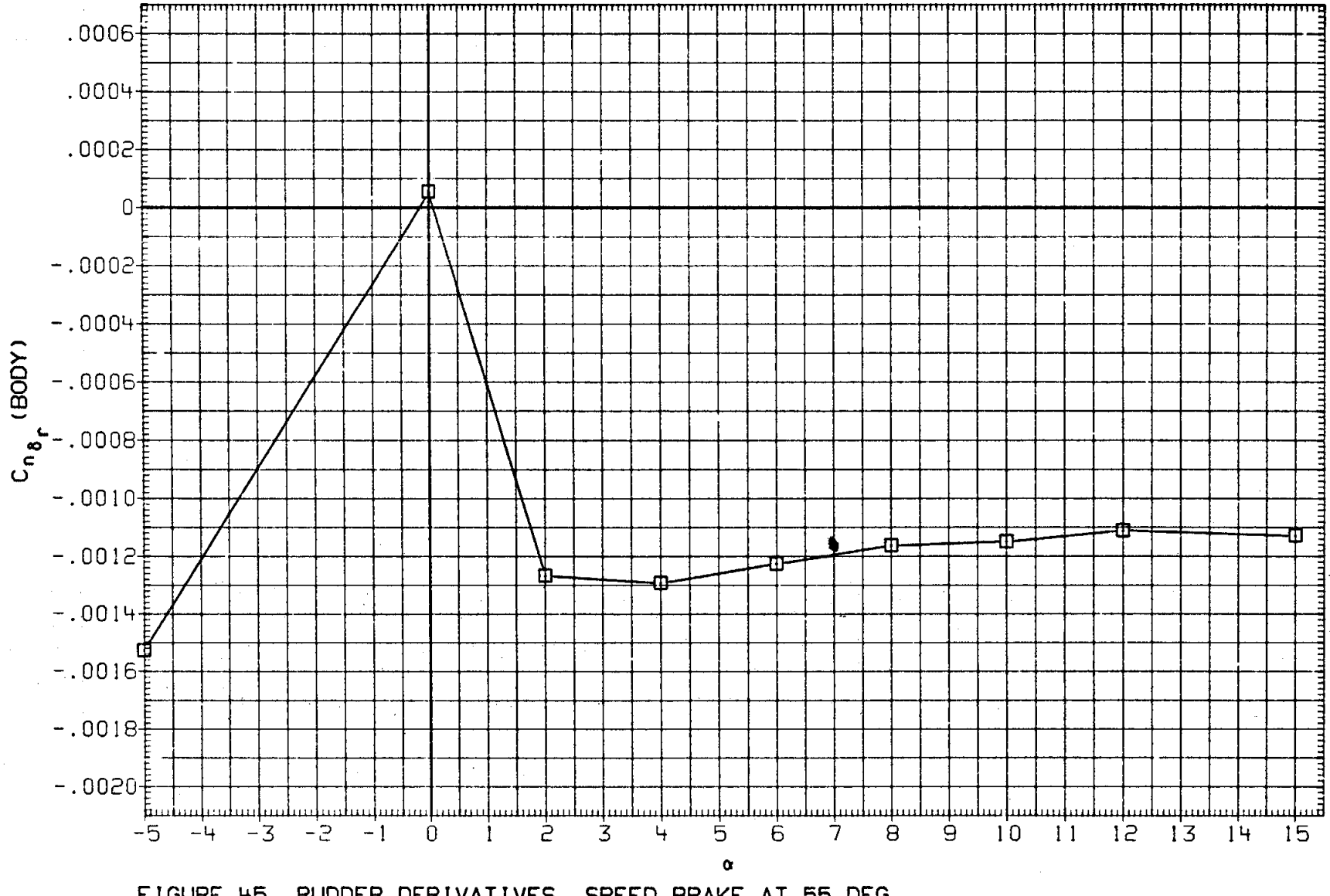


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(B)MACH = .80

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0C18	○	LARC 16FT TWT 325:0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

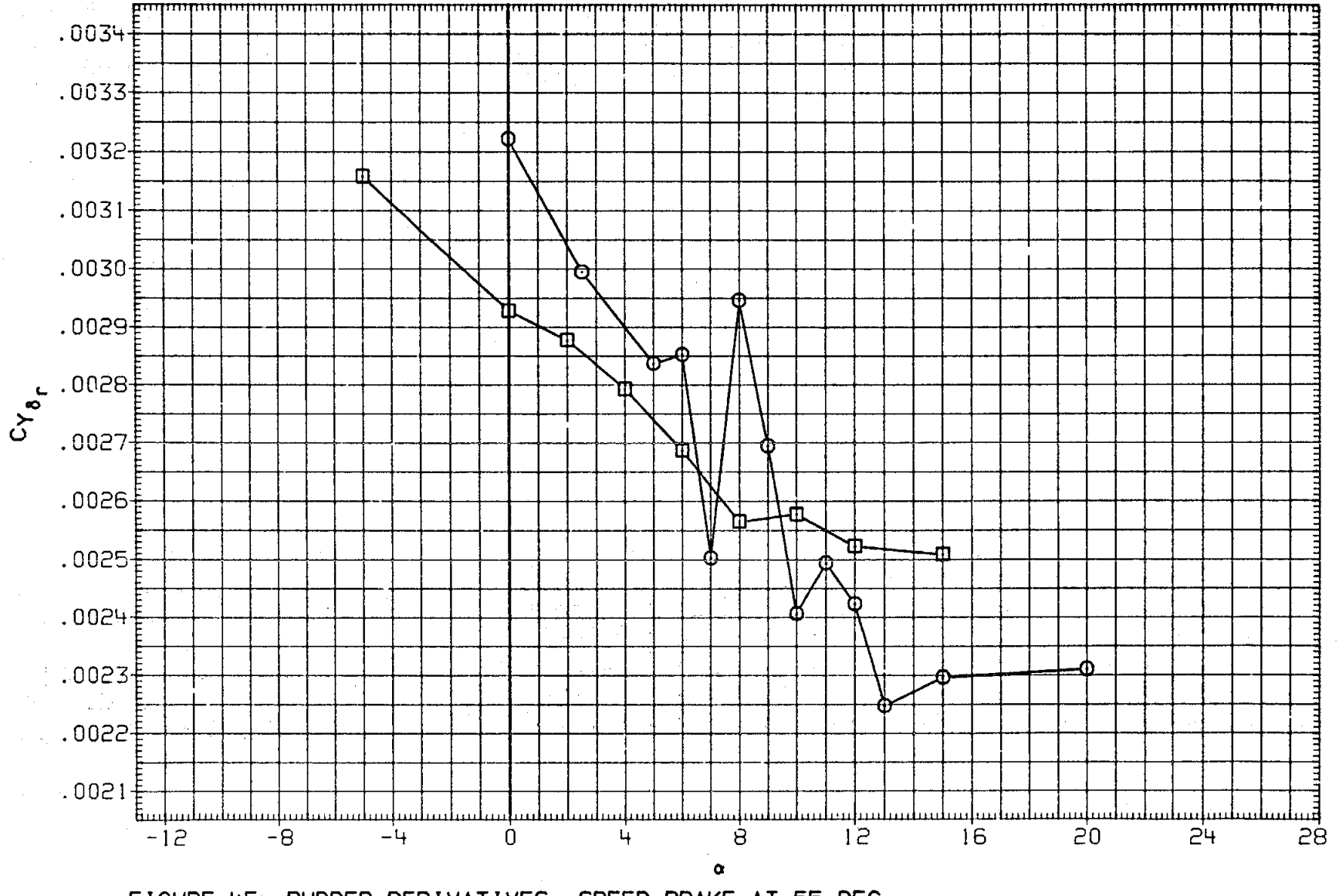


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

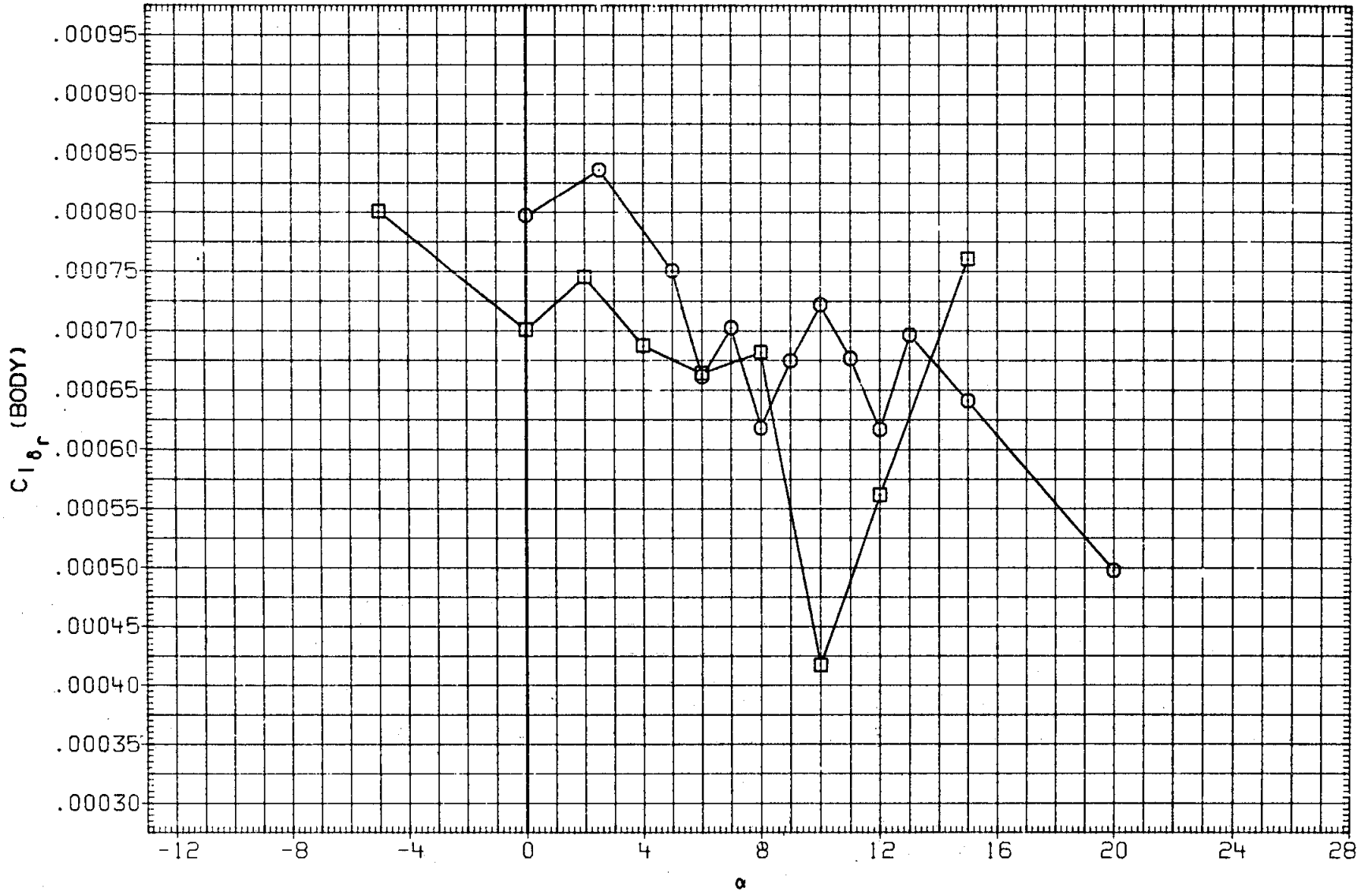


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

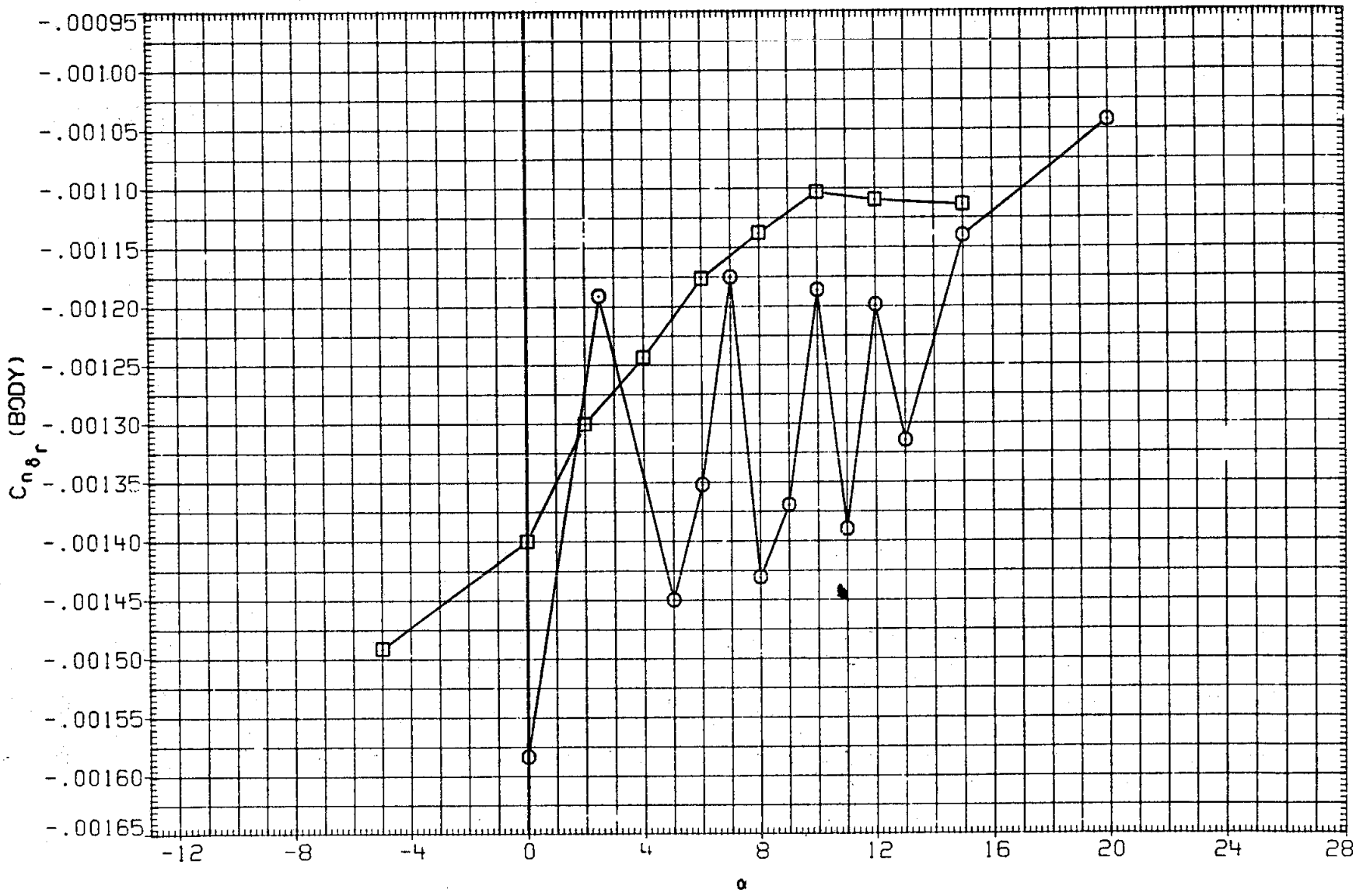


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(C)MACH = .90

DATA SET	SYMBOL	CONFIGURATION
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
M2.0A8	□	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	54.570	5.260
.000	.000	.000	.000	55.000	-5.000

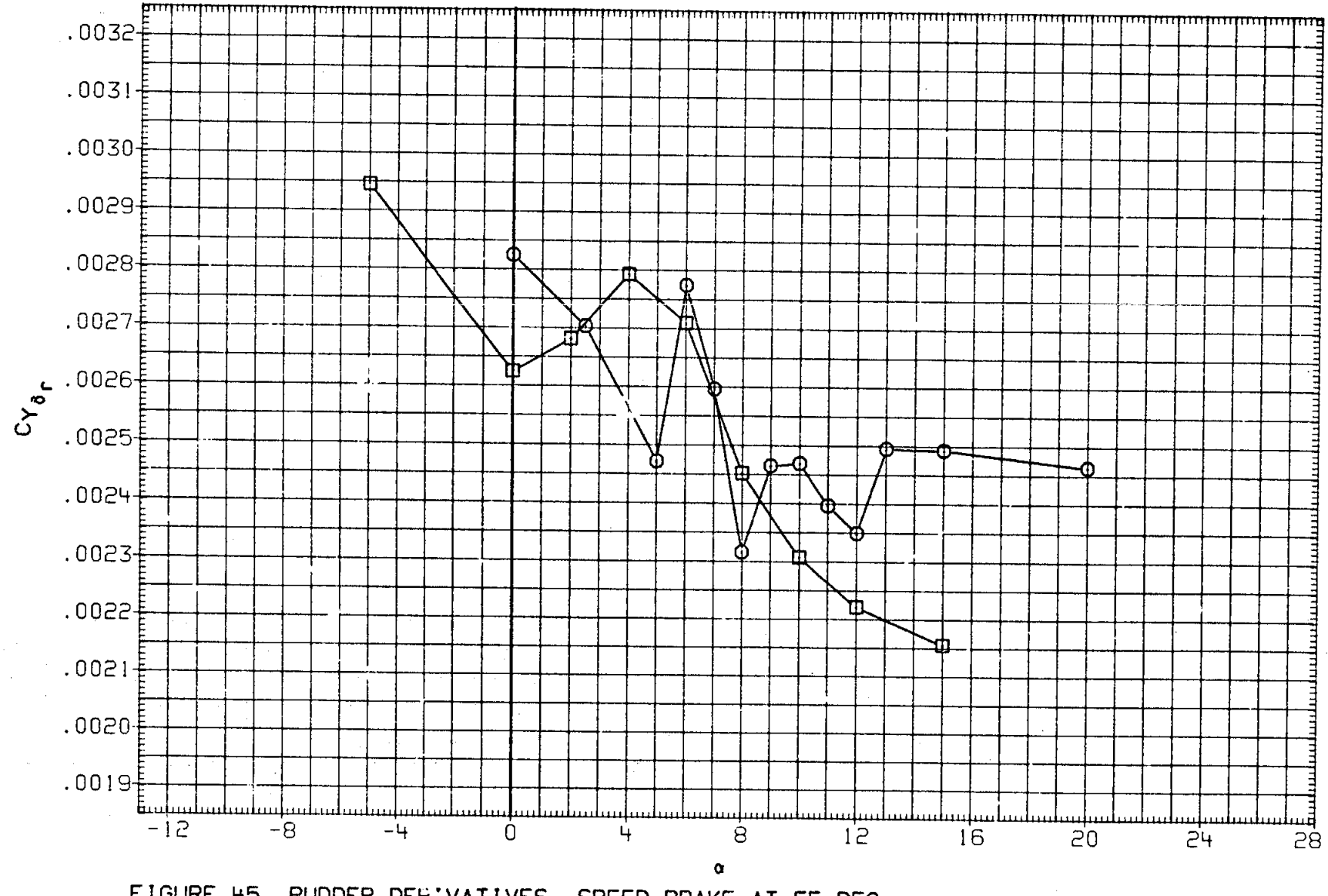


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(D) MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

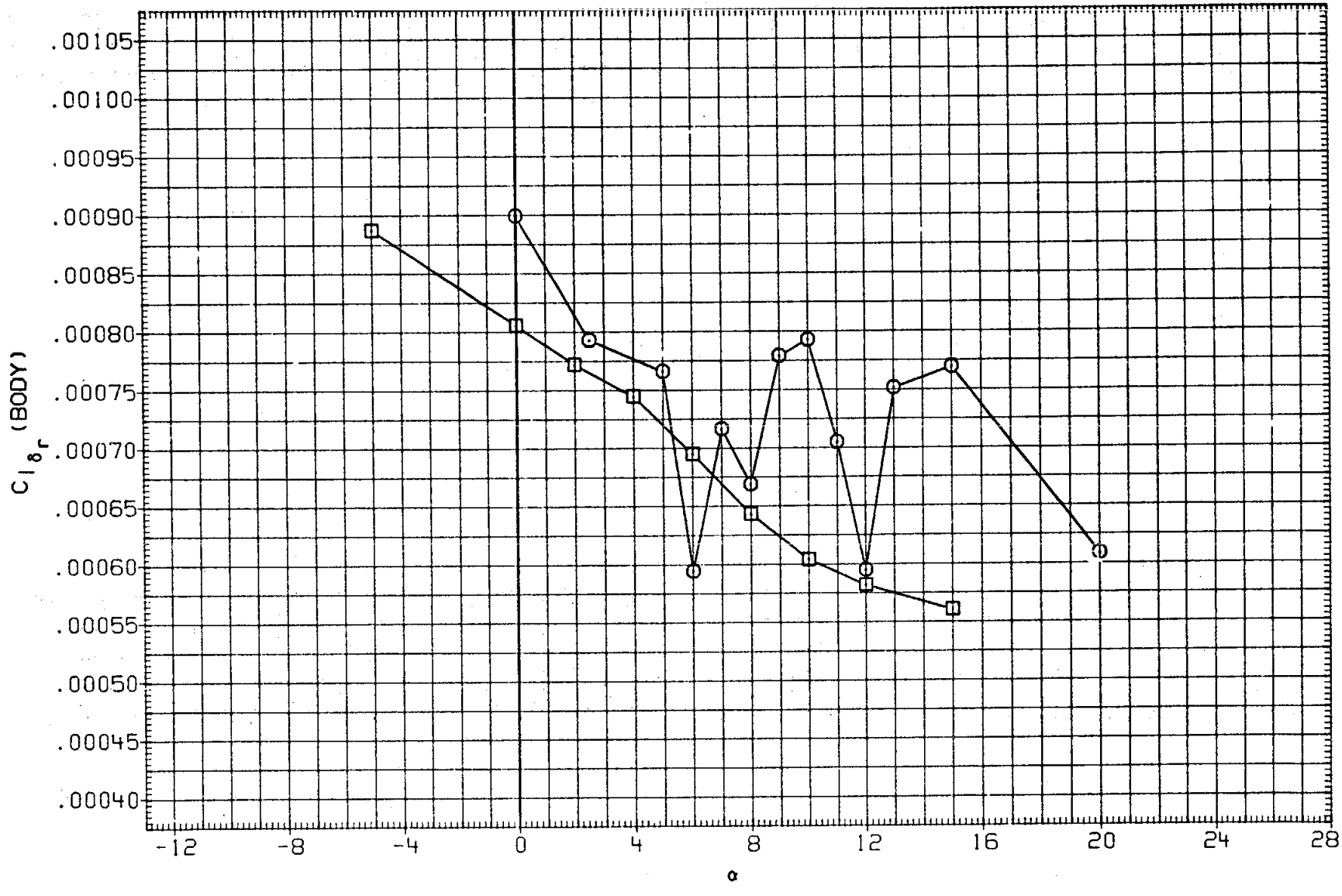


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

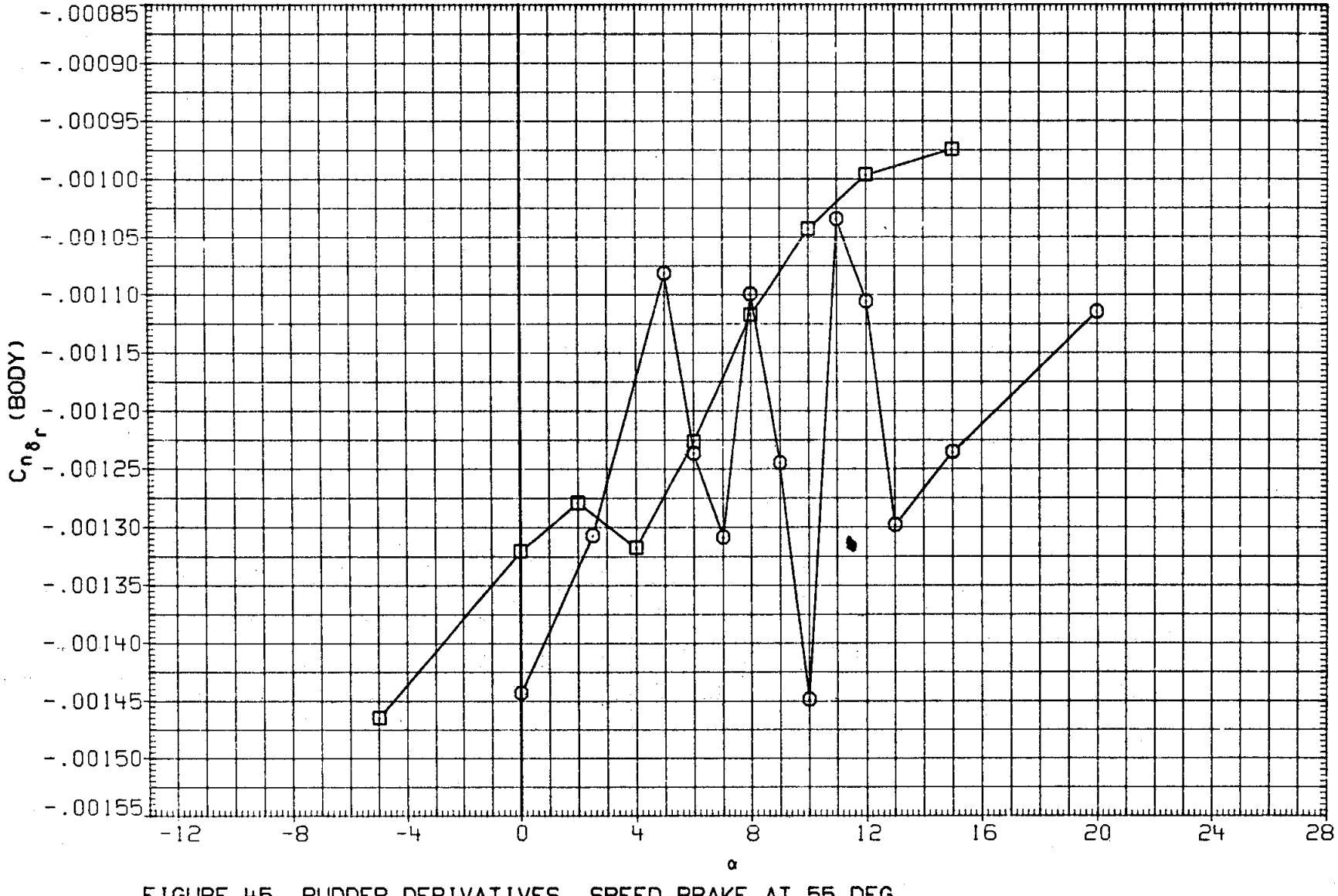


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(D)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

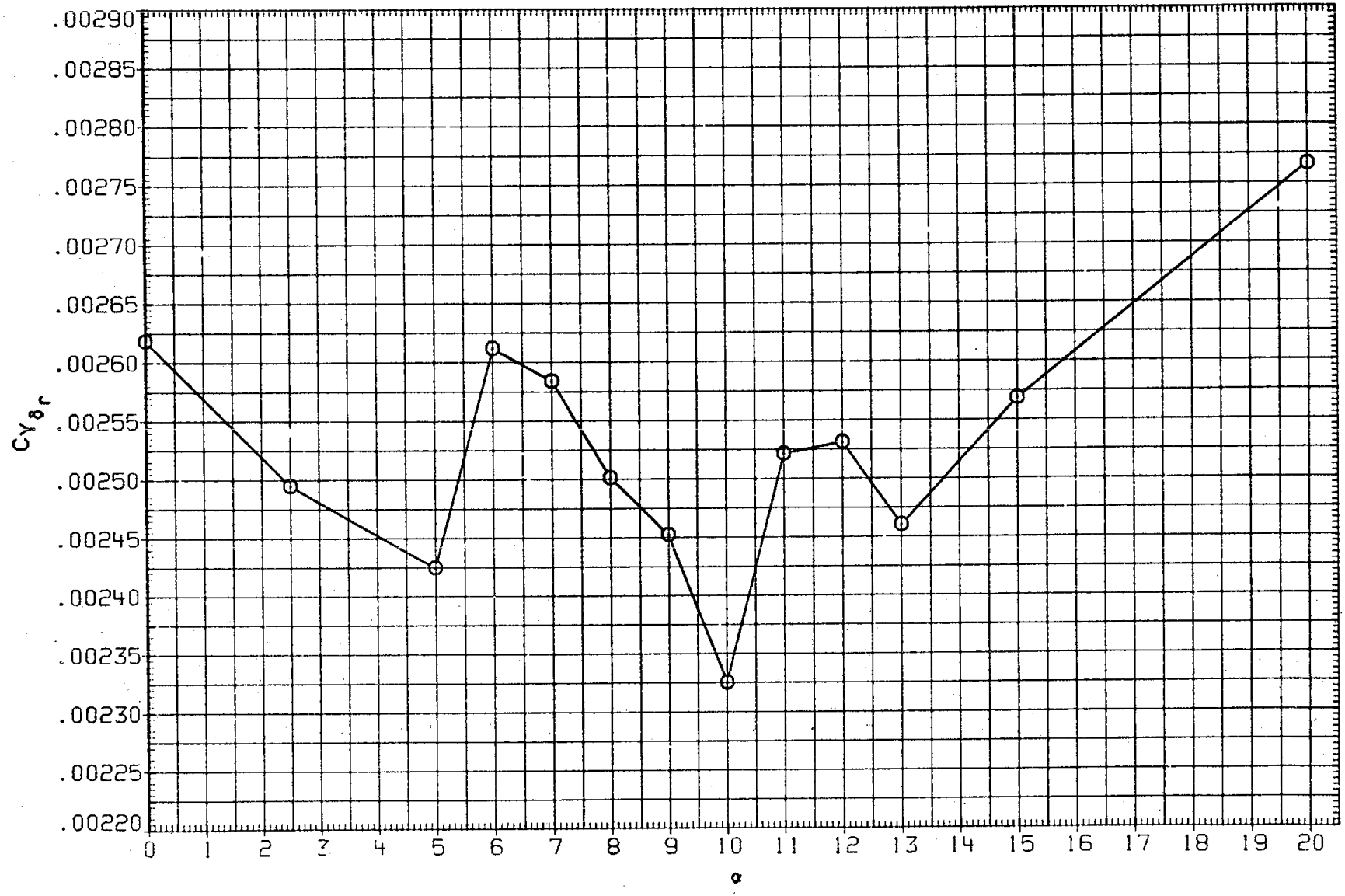


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

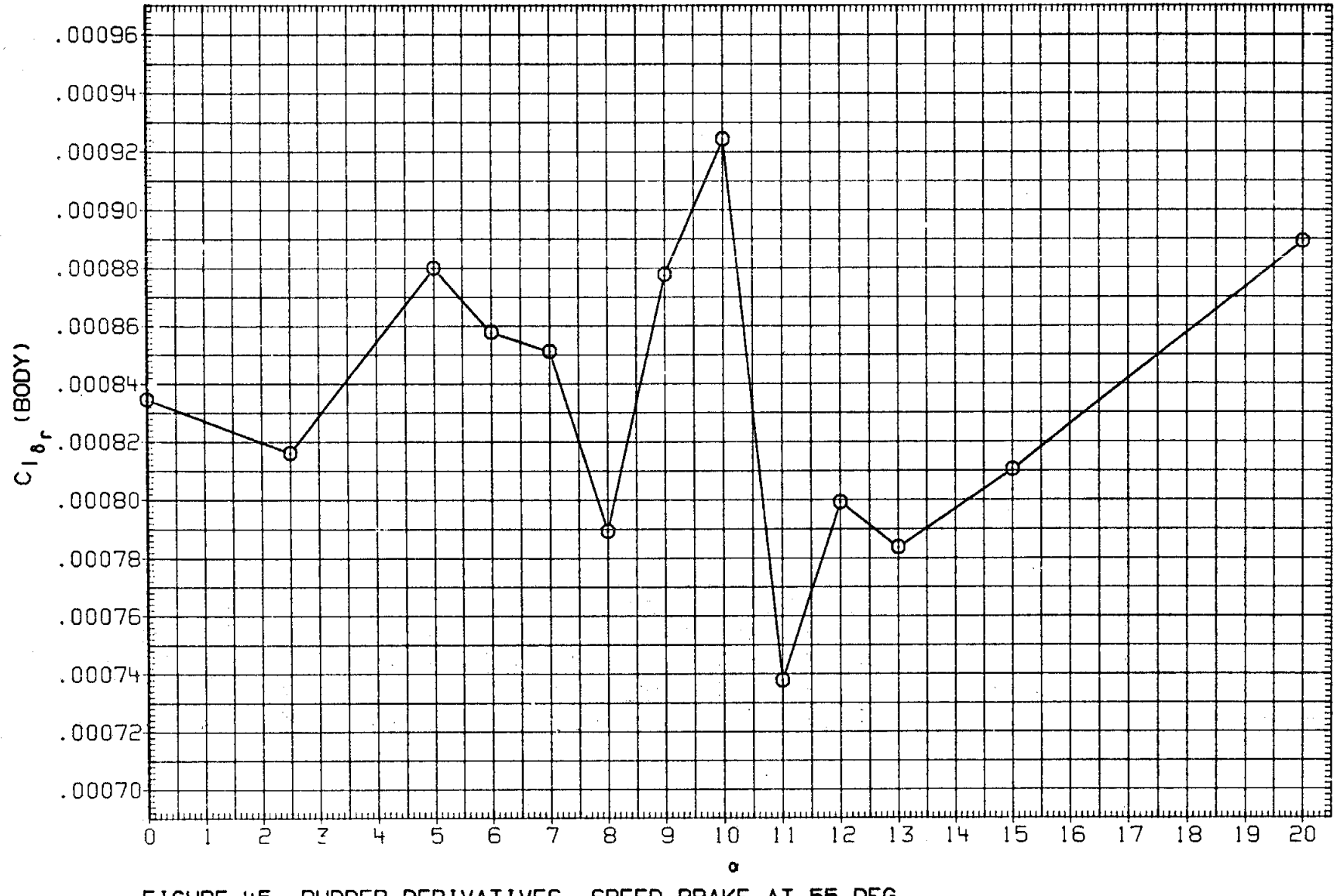


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

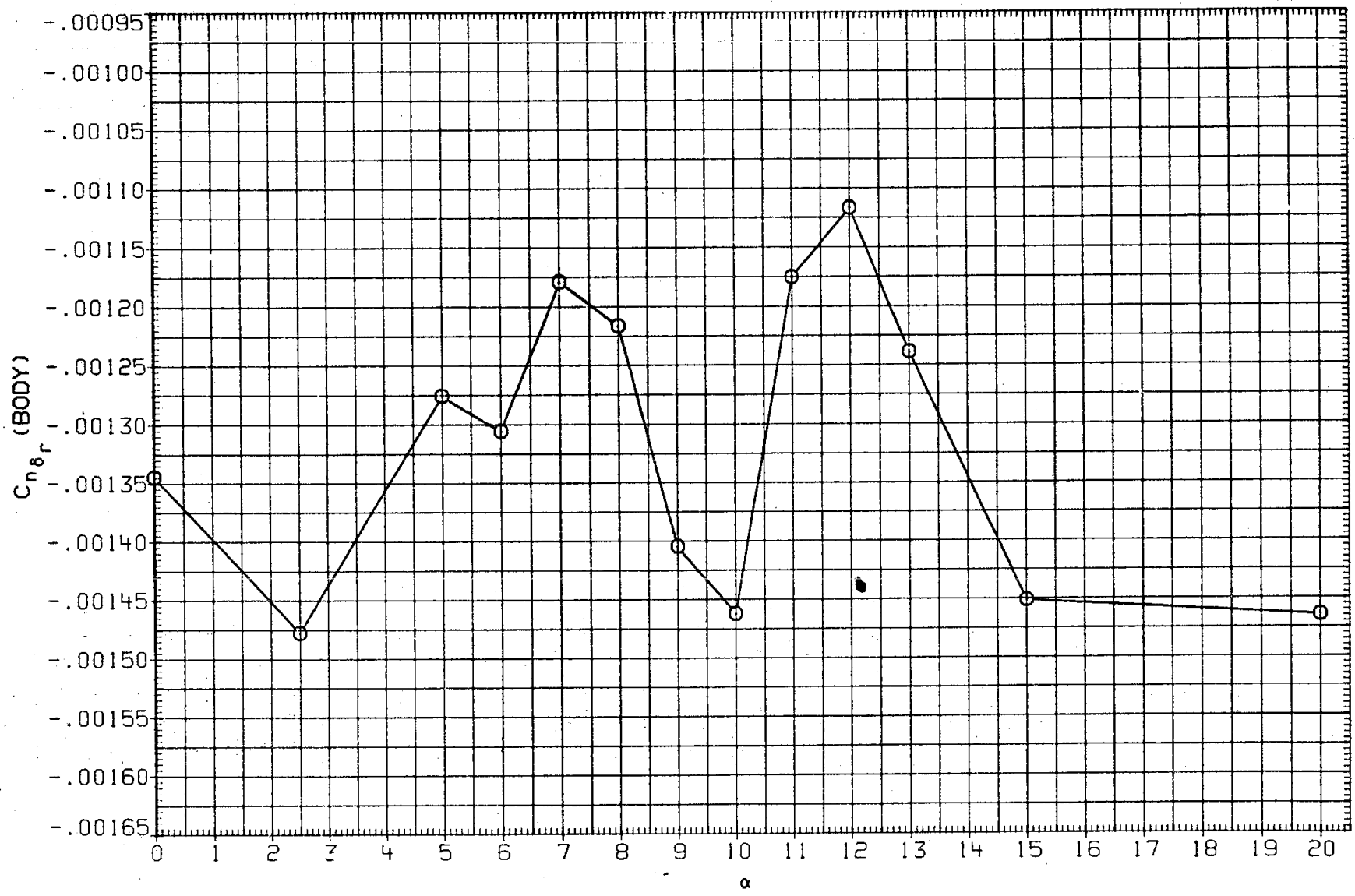


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(E)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

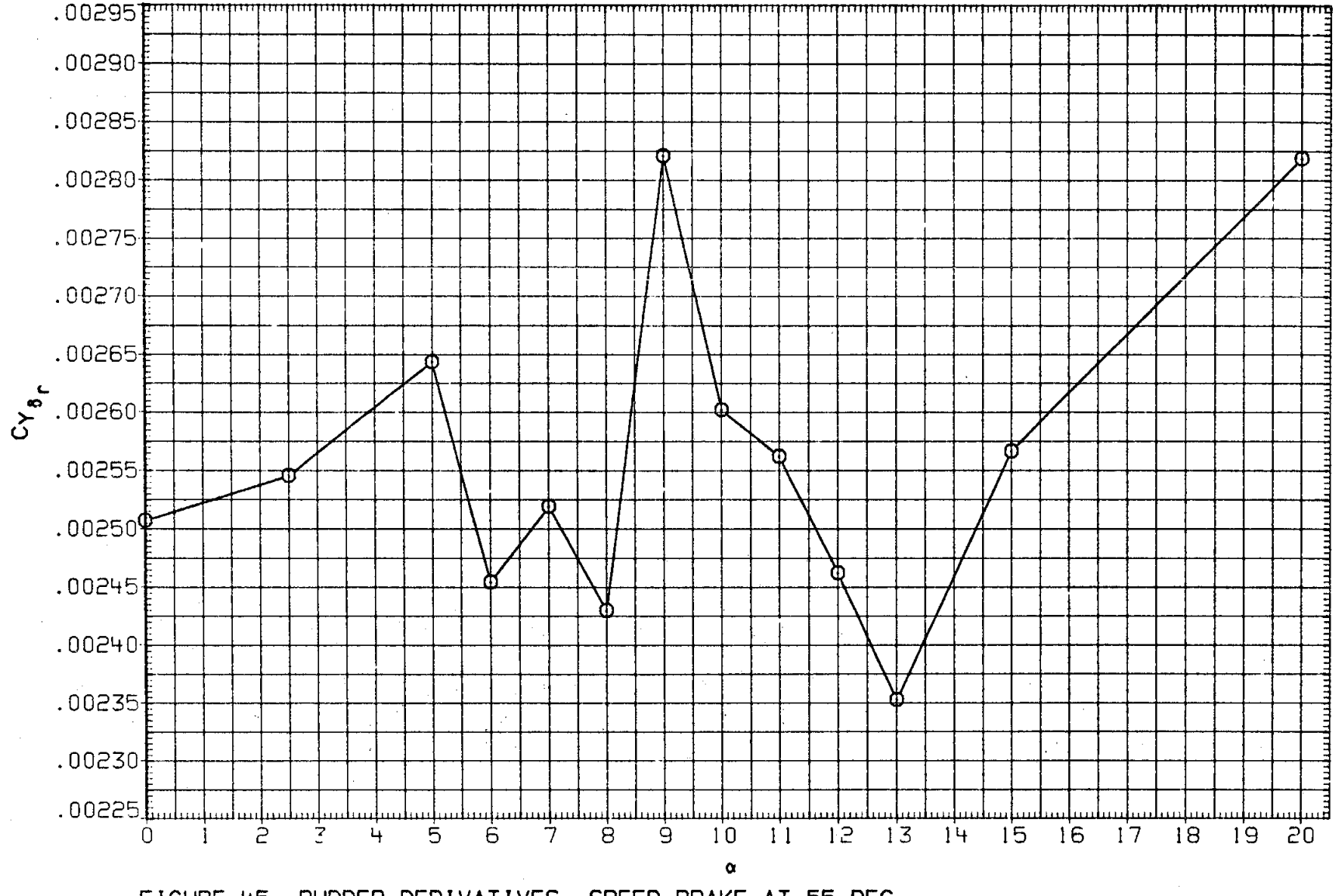


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

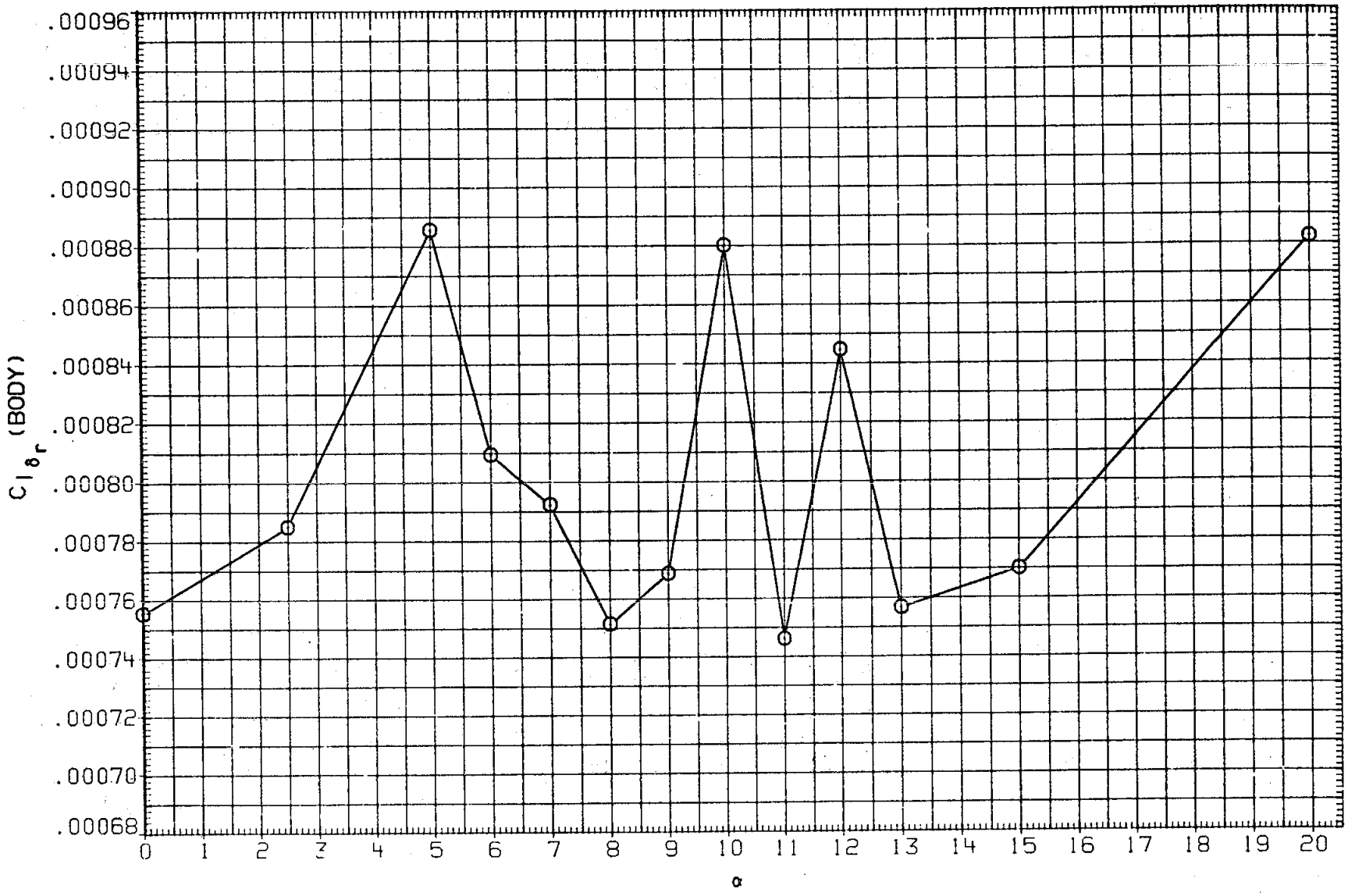


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

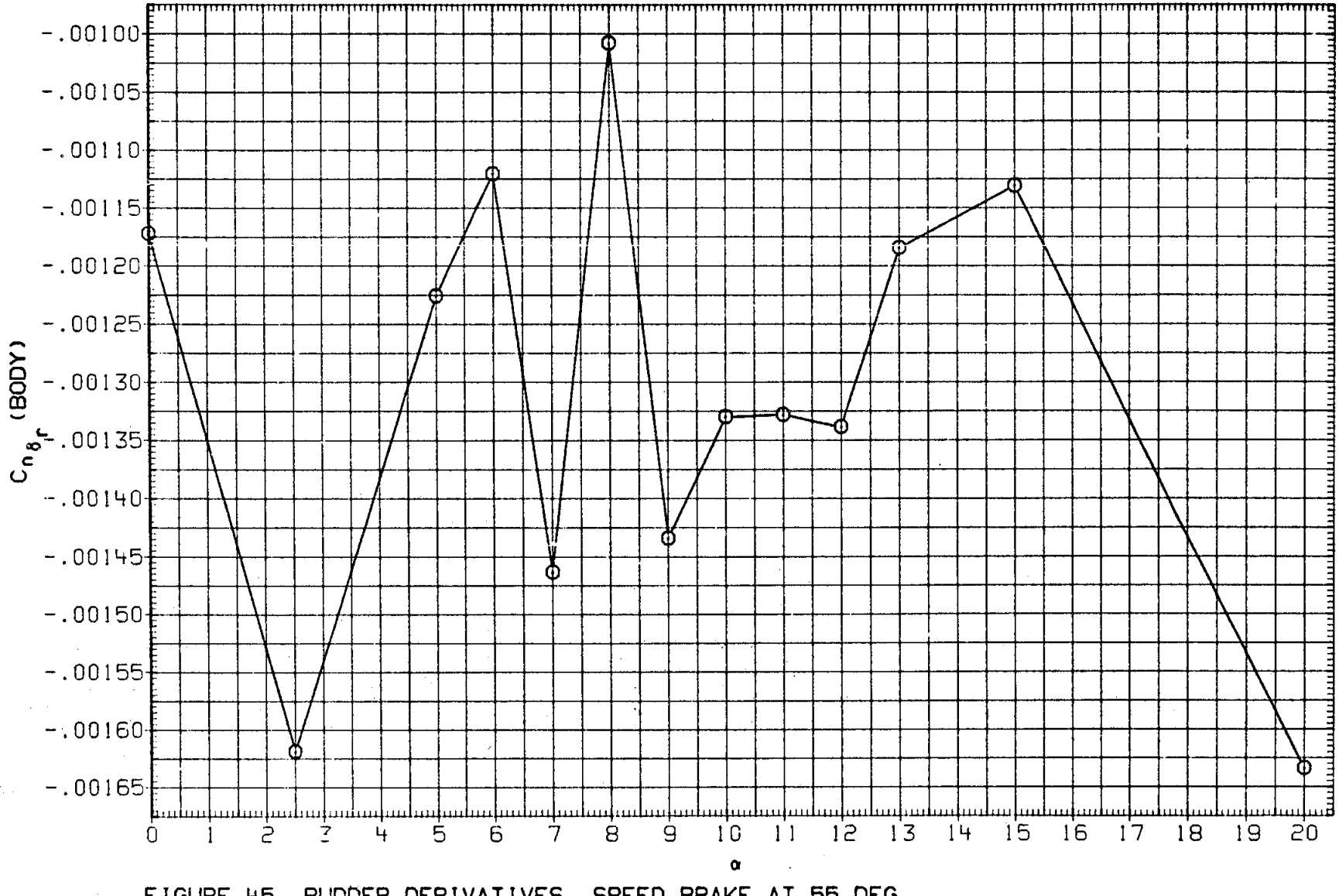


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(F)MACH = 1.05

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

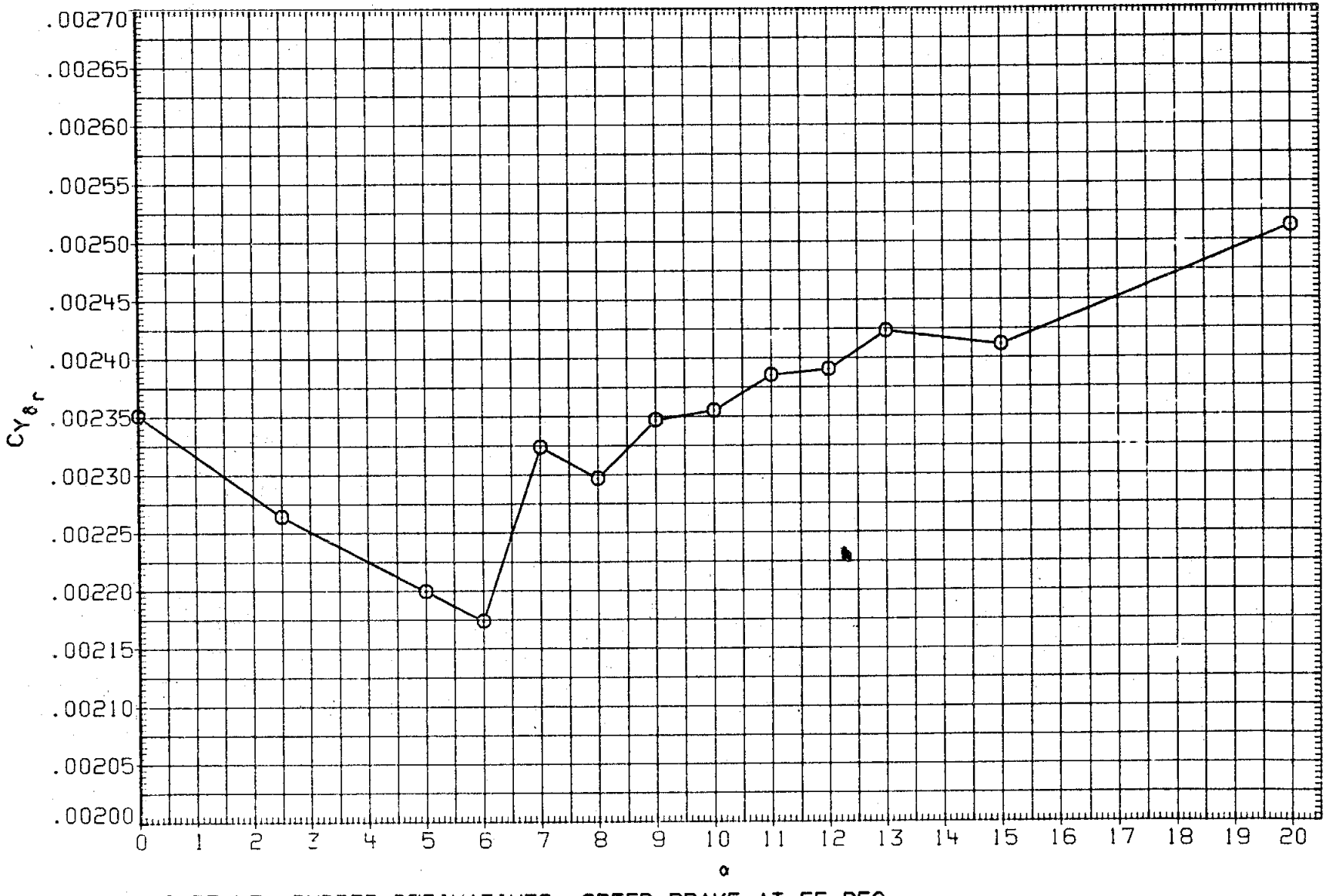


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	DATA NOT AVAILABLE	.000	.000	.000	.000	55.000	-5.000

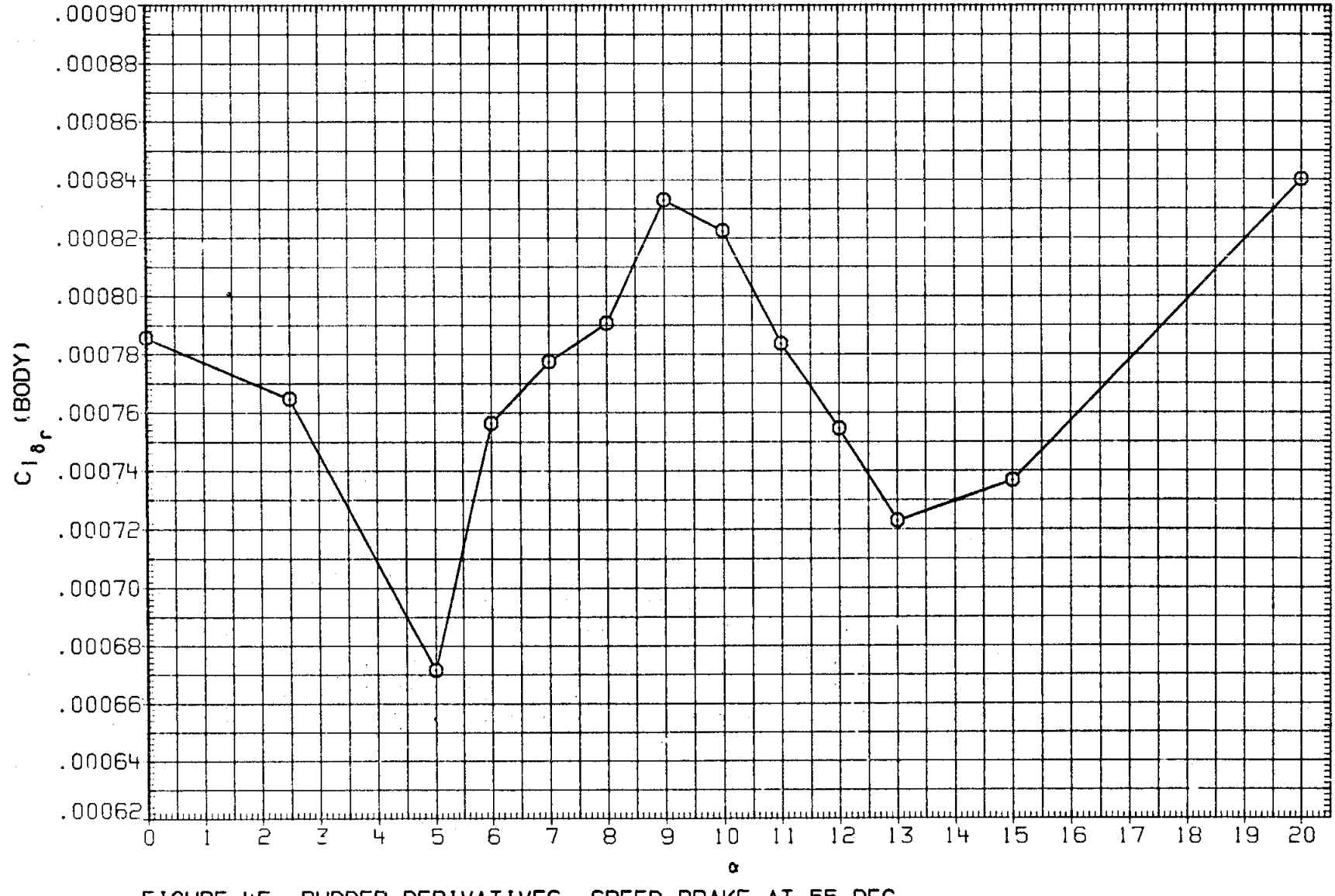


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
M2F0A8	□	DATA NOT AVAILABLE

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	54.570	5.260
.000	.000	.000	.000	55.000	-5.000

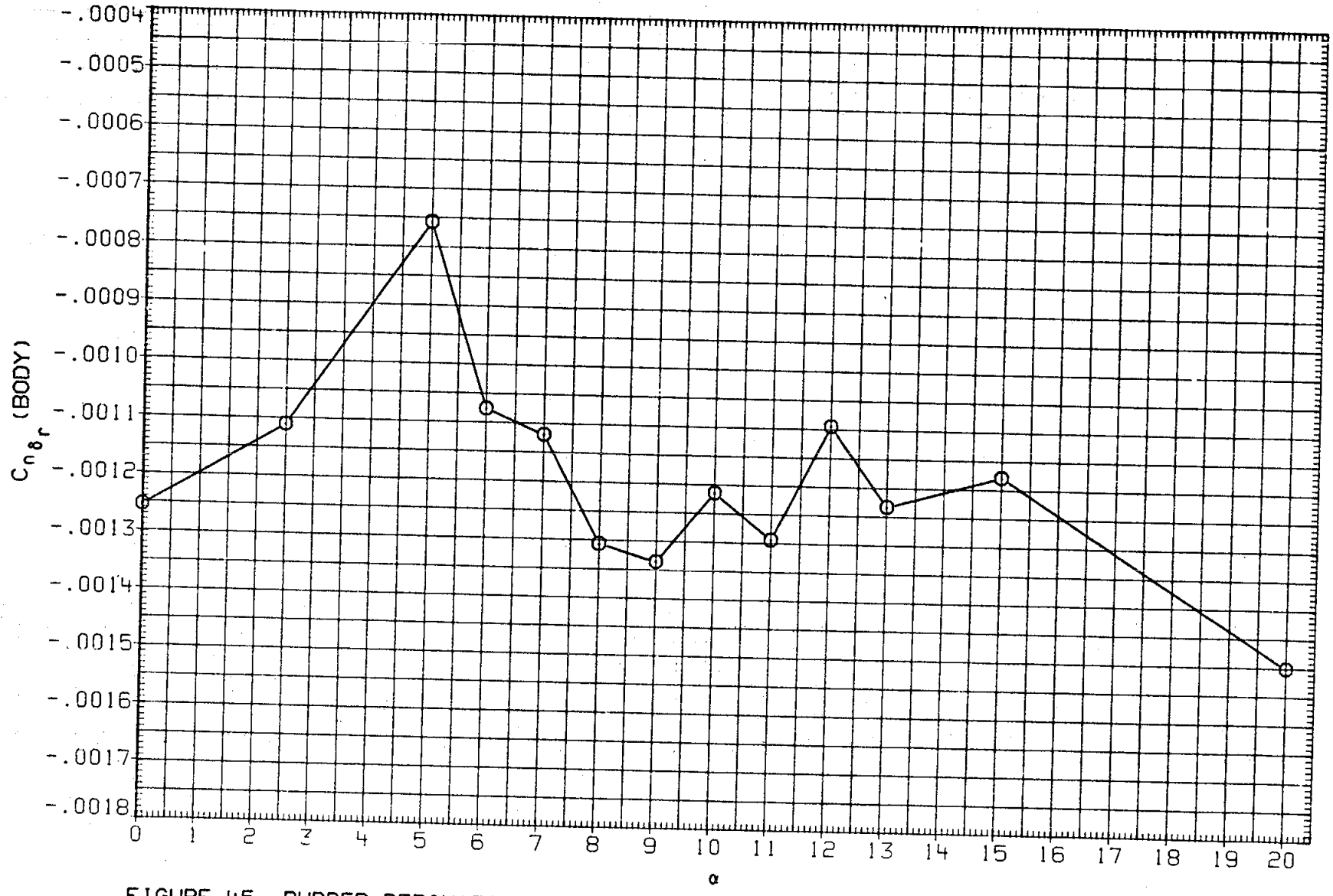


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(G)MACH = 1.10

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

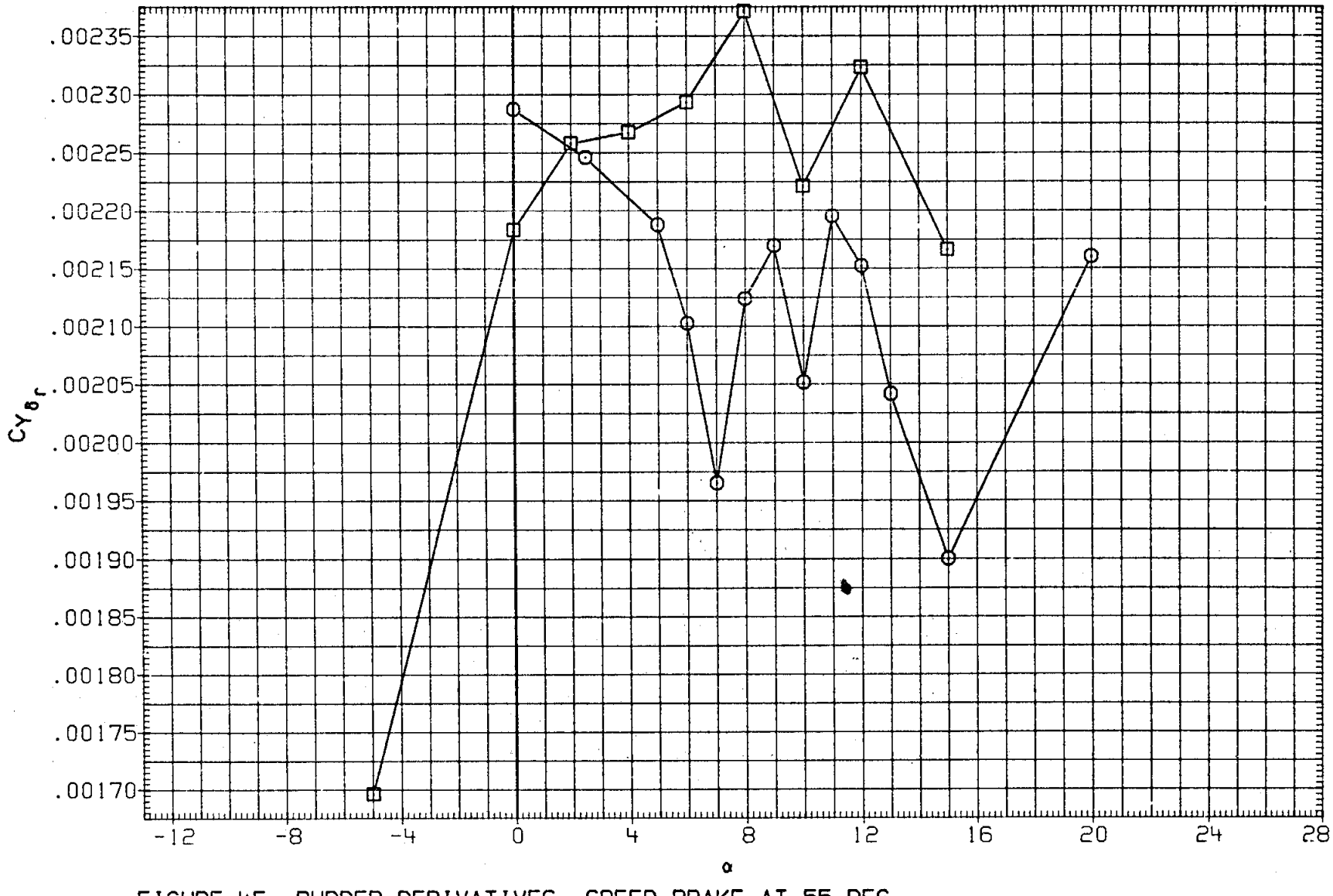


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

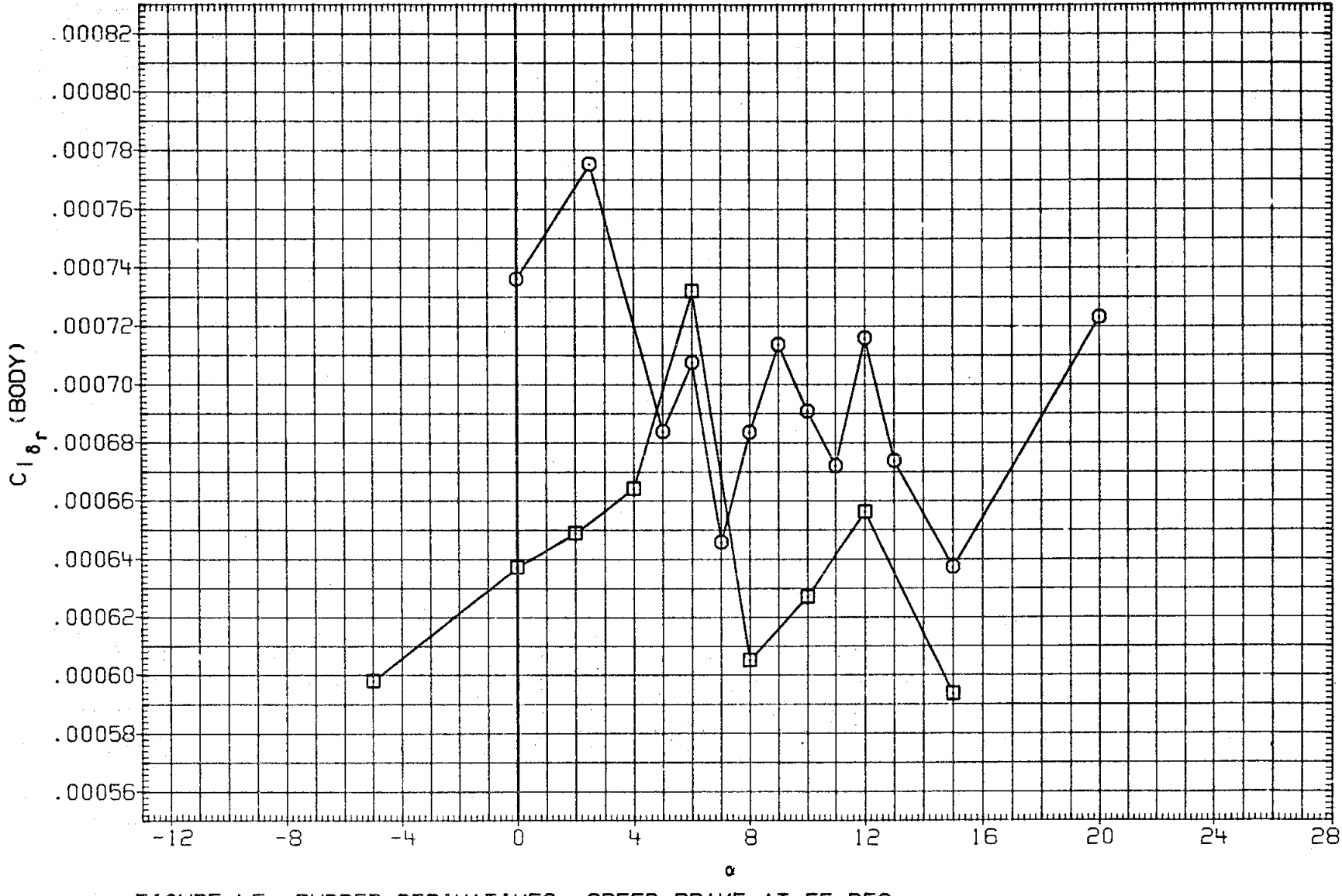


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

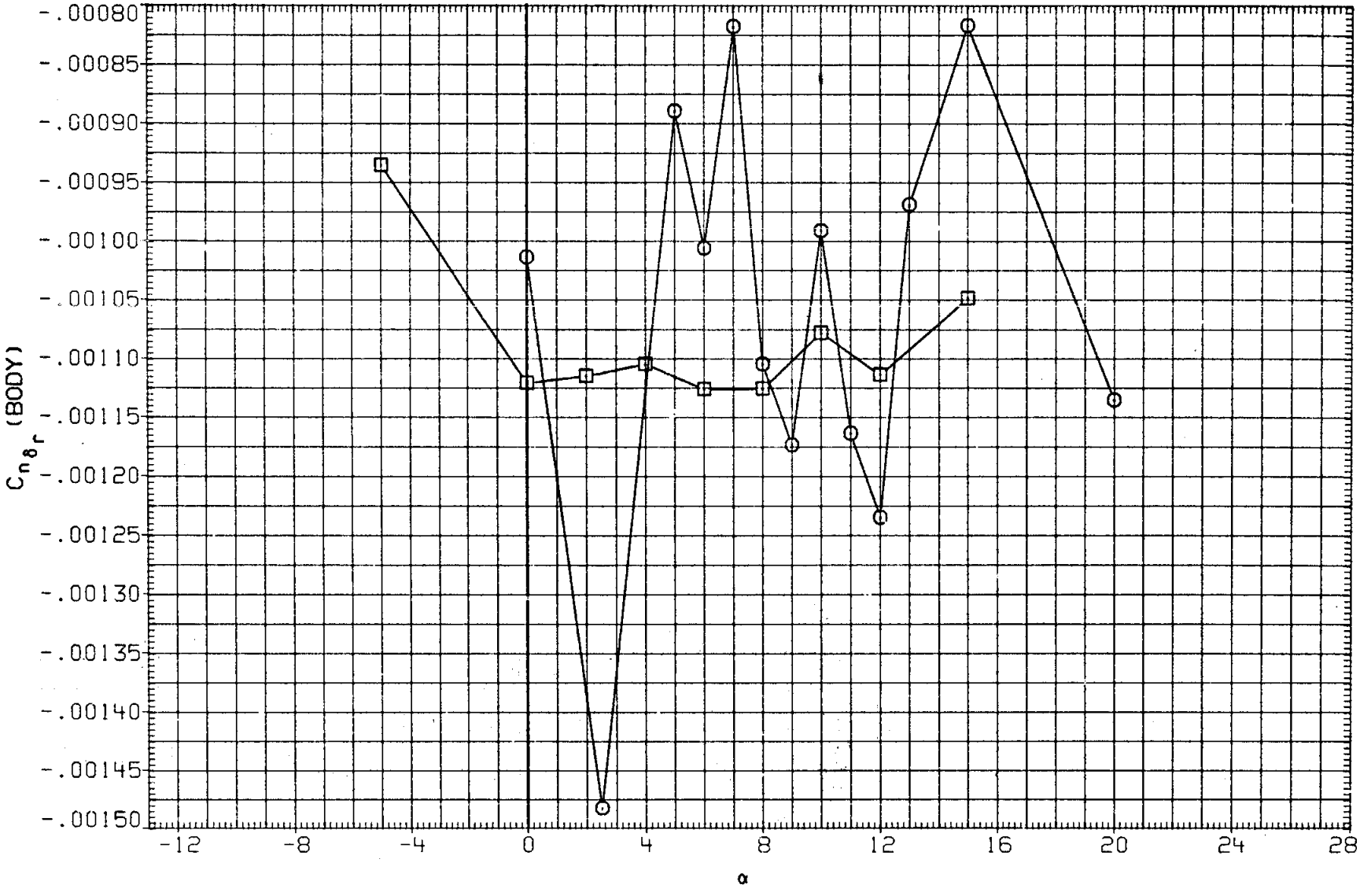


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(H)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

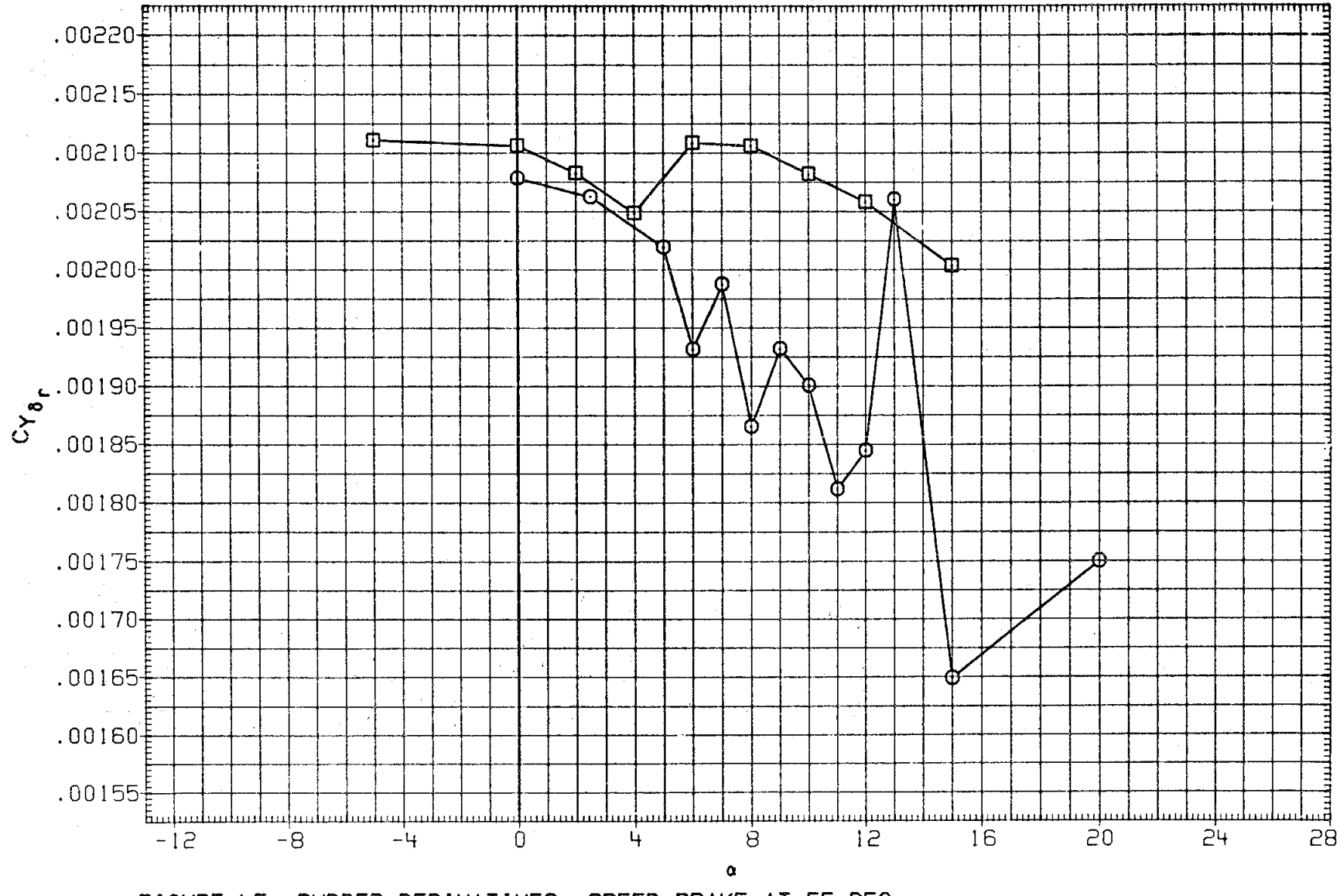


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(I)MACH = 1.30

DATA SET SYMBOL		CONFIGURATION
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.
M2F0A8	□	AMES 118-1-11 0A145A 01

BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
.000	.000	.000	.000	54.570	5.260
.000	.000	.000	.000	55.000	-5.000

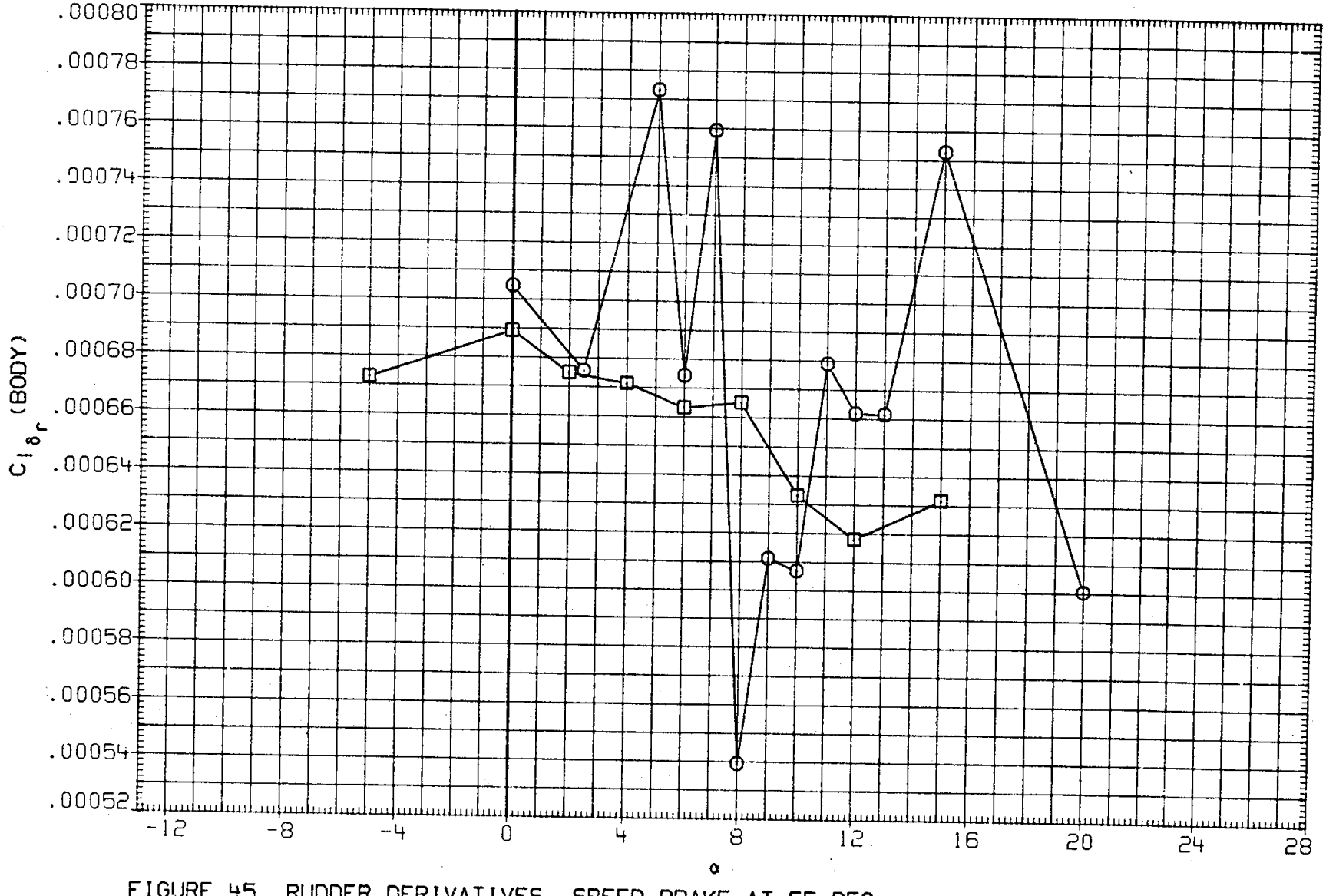


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0018	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	54.570	5.260
M2F0A8	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	55.000	-5.000

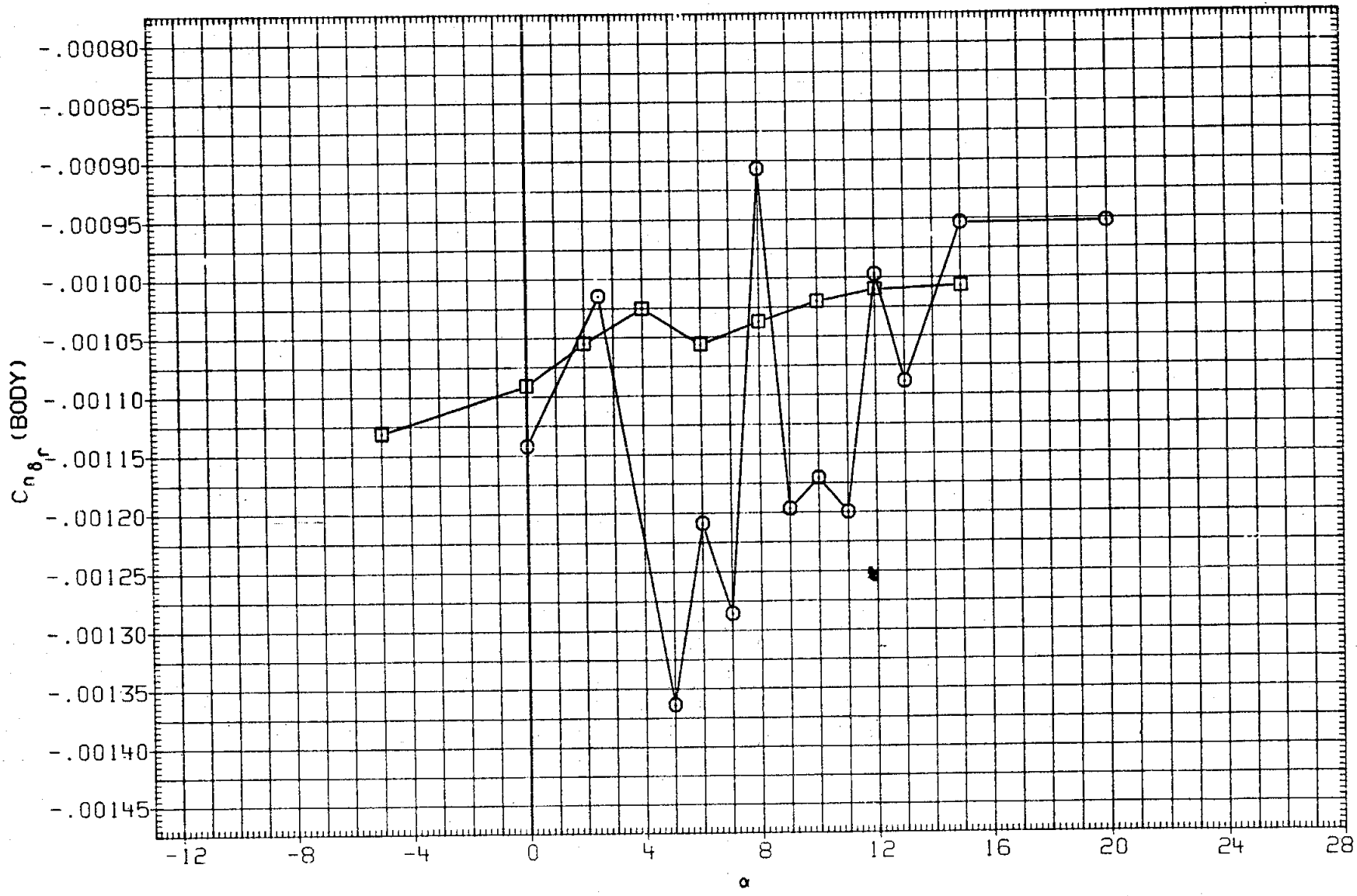


FIGURE 45. RUDDER DERIVATIVES, SPEED BRAKE AT 55 DEG.

(I)MACH = 1.30

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

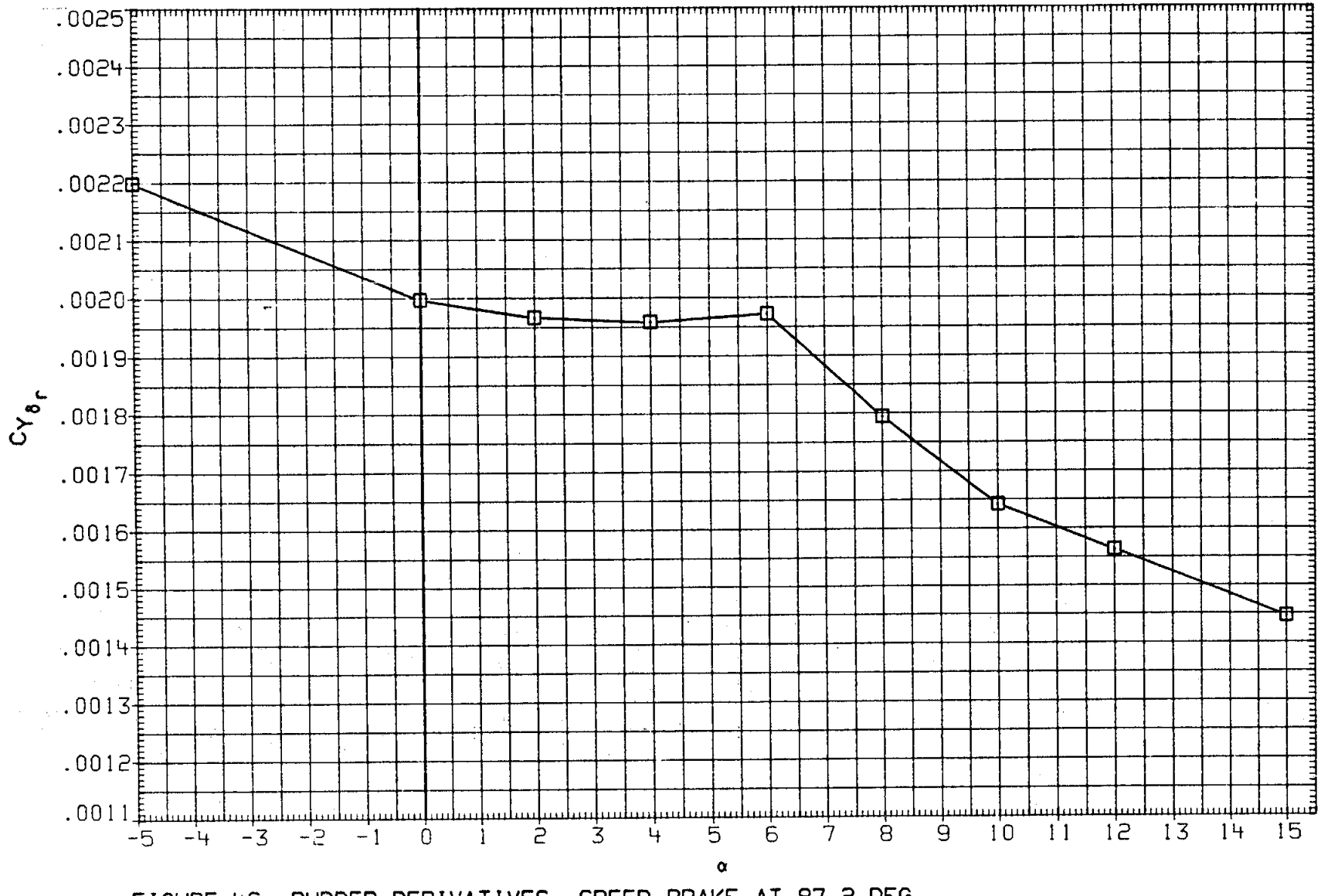


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.260
M2F0CE	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

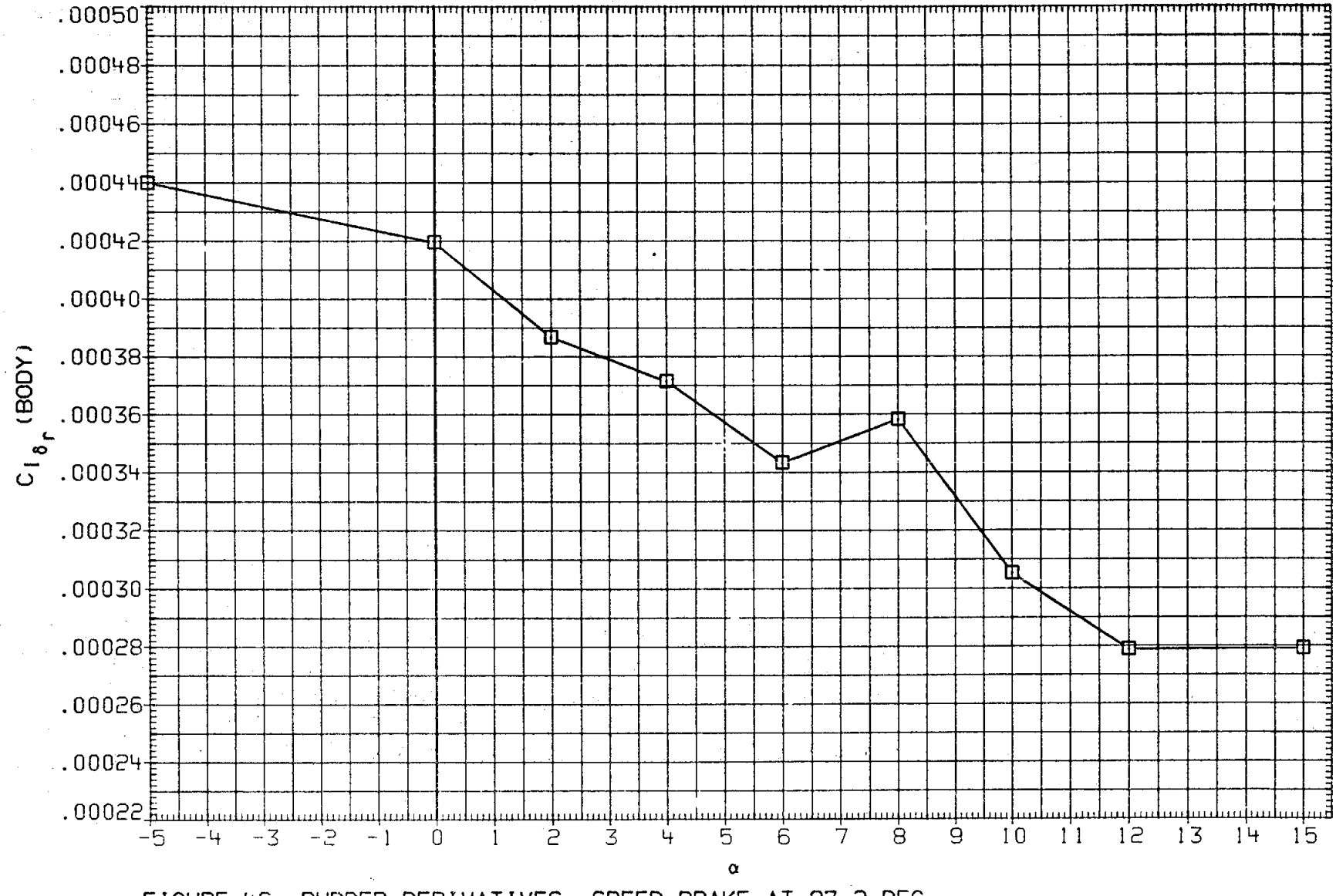


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

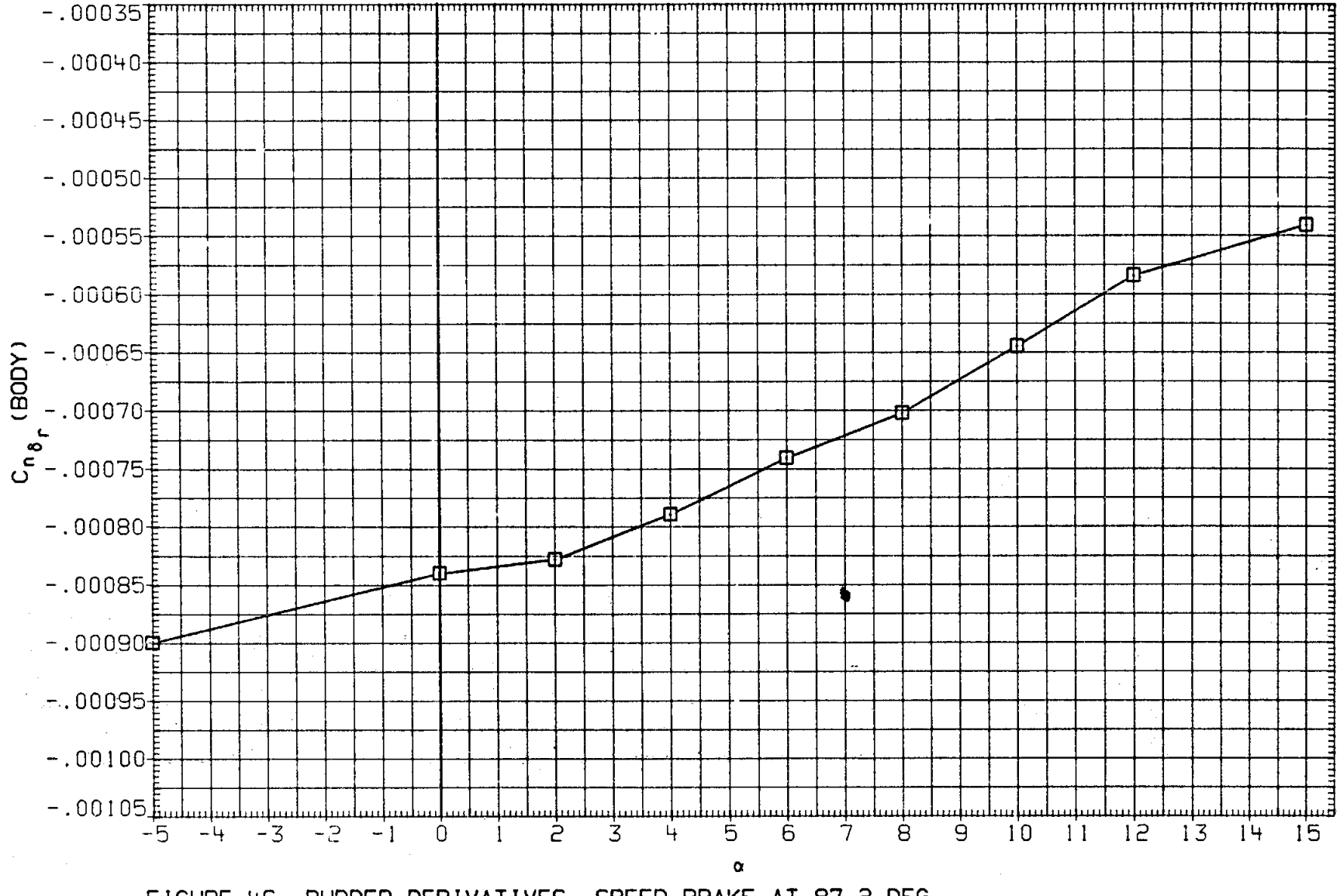


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(A)MACH = .60

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

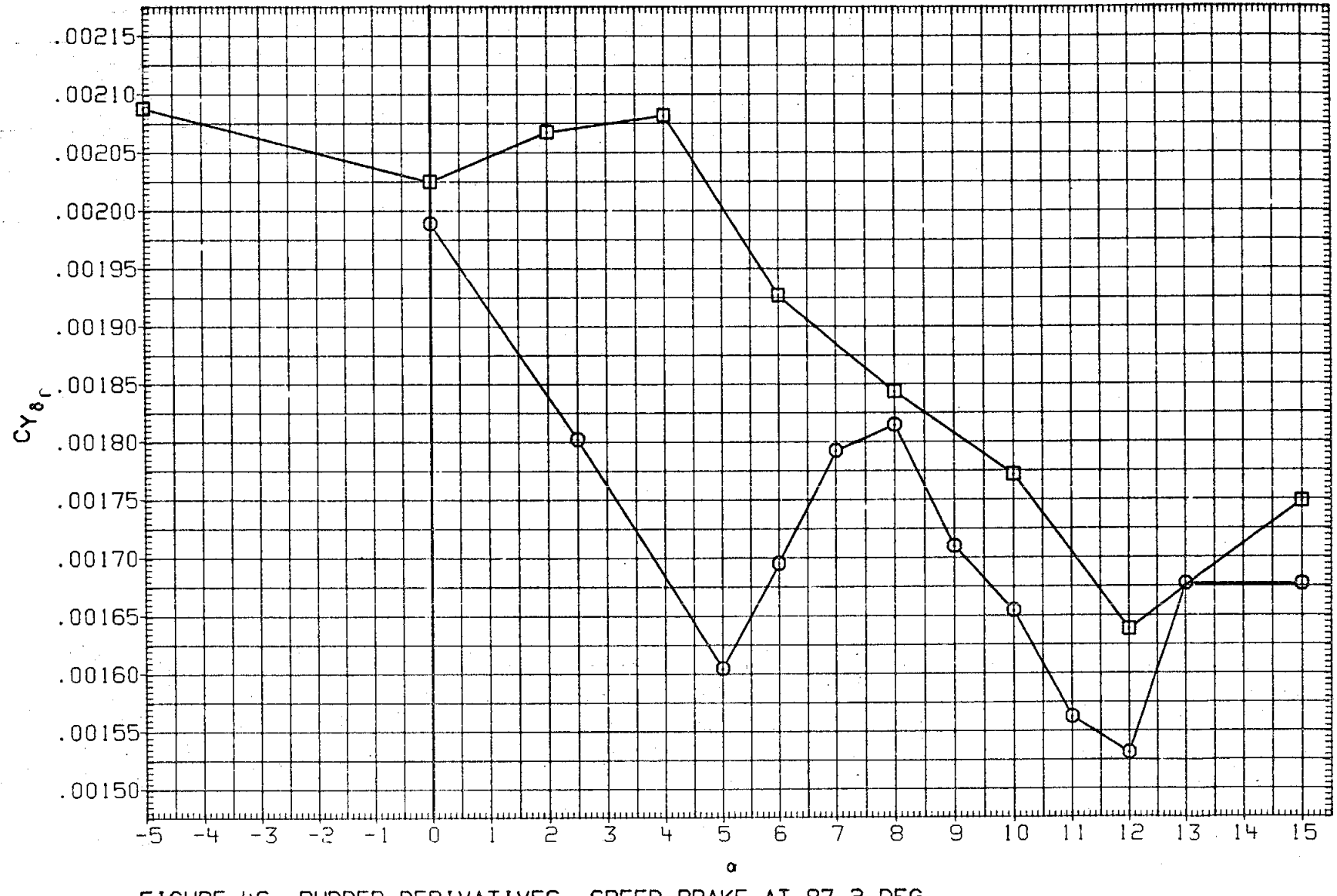


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(B)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

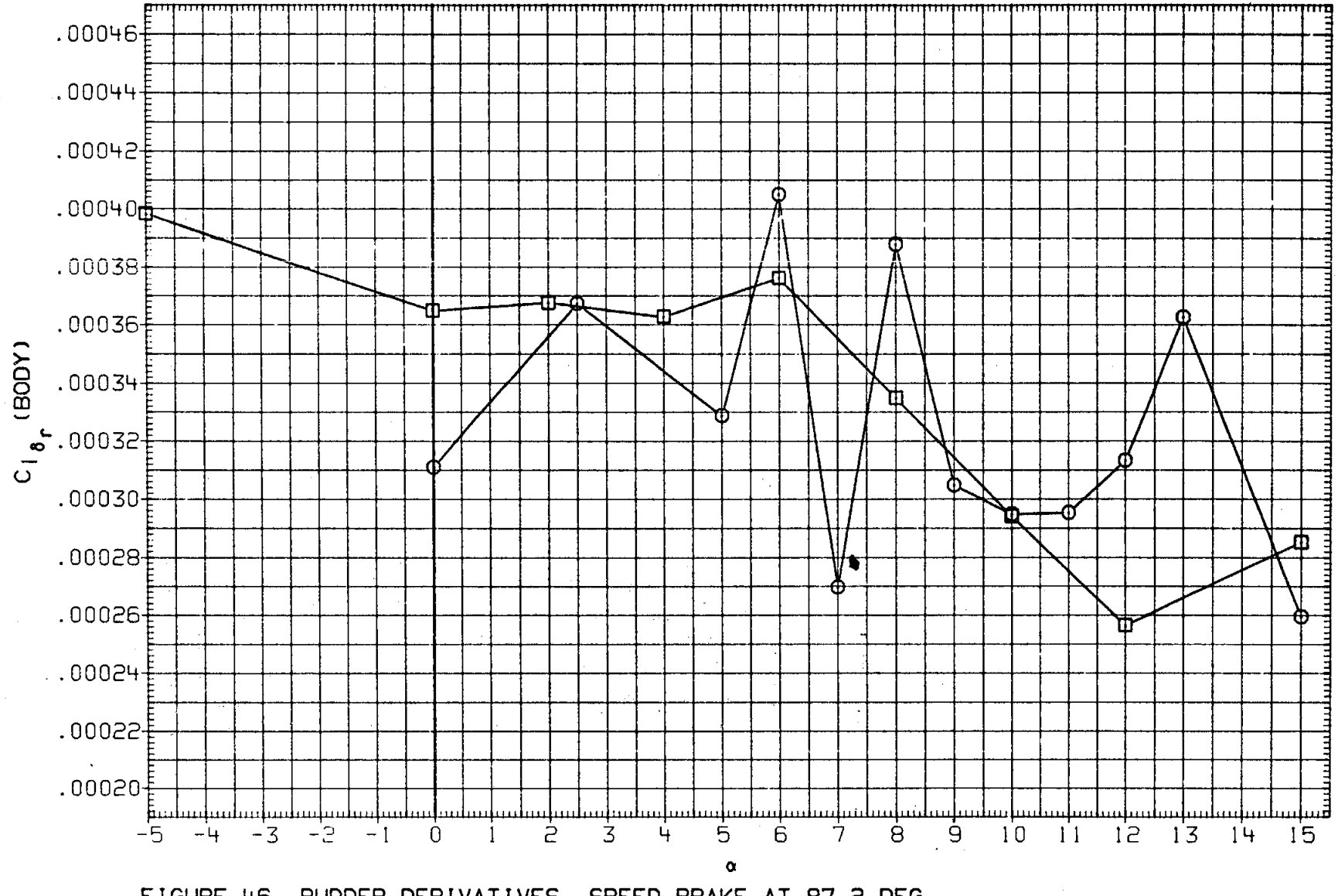


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(B)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

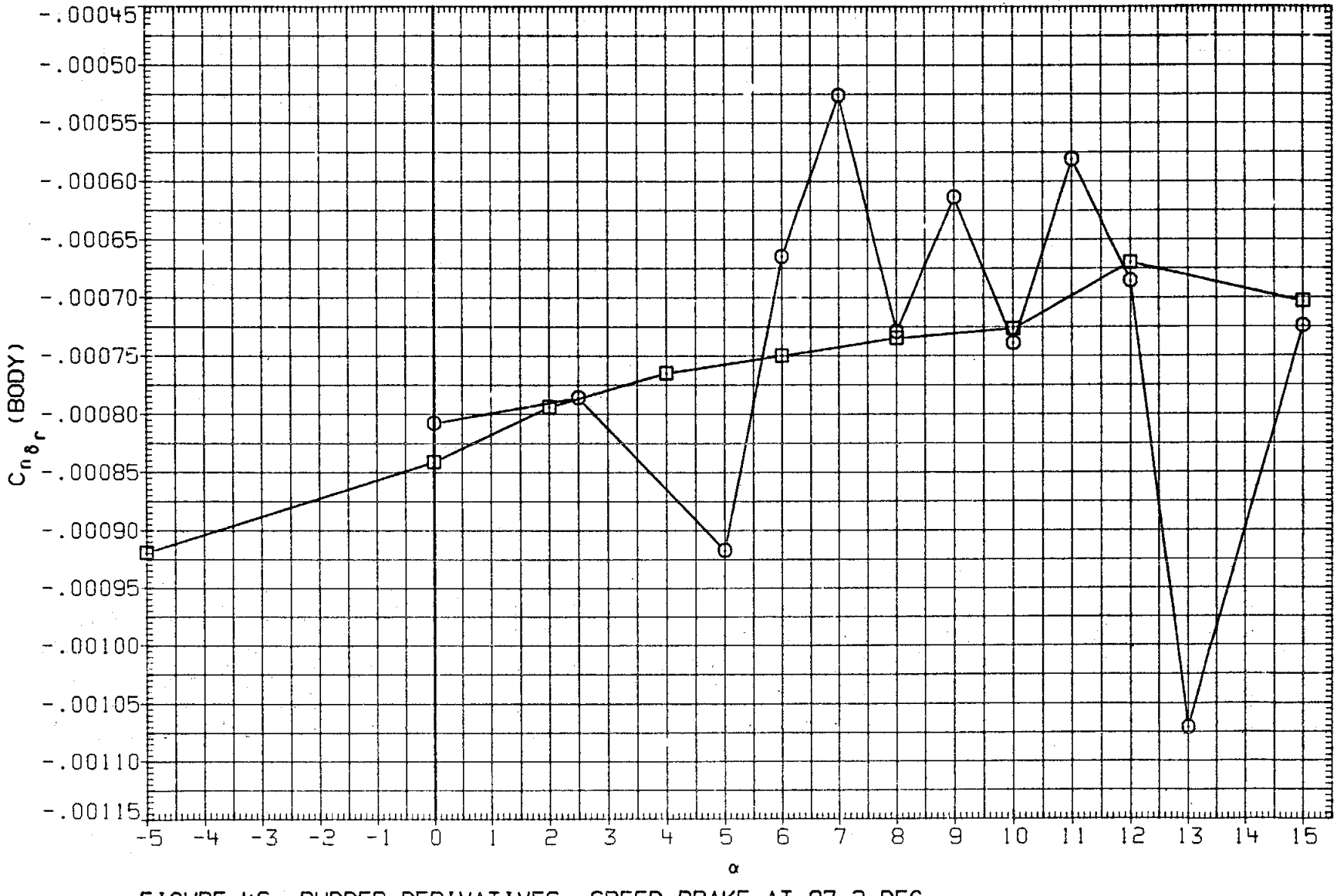


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(B)MACH = .90

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

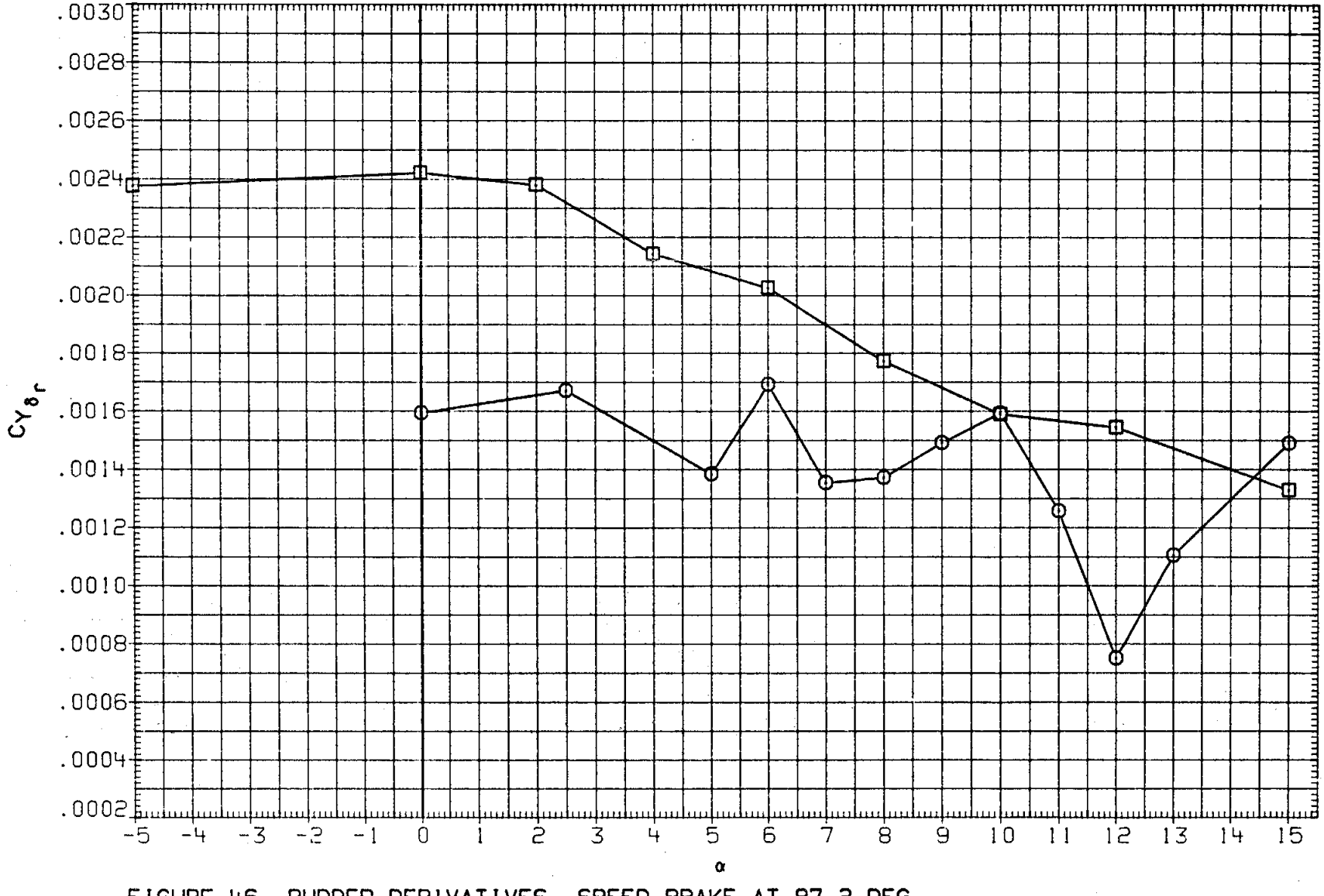


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(C) MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

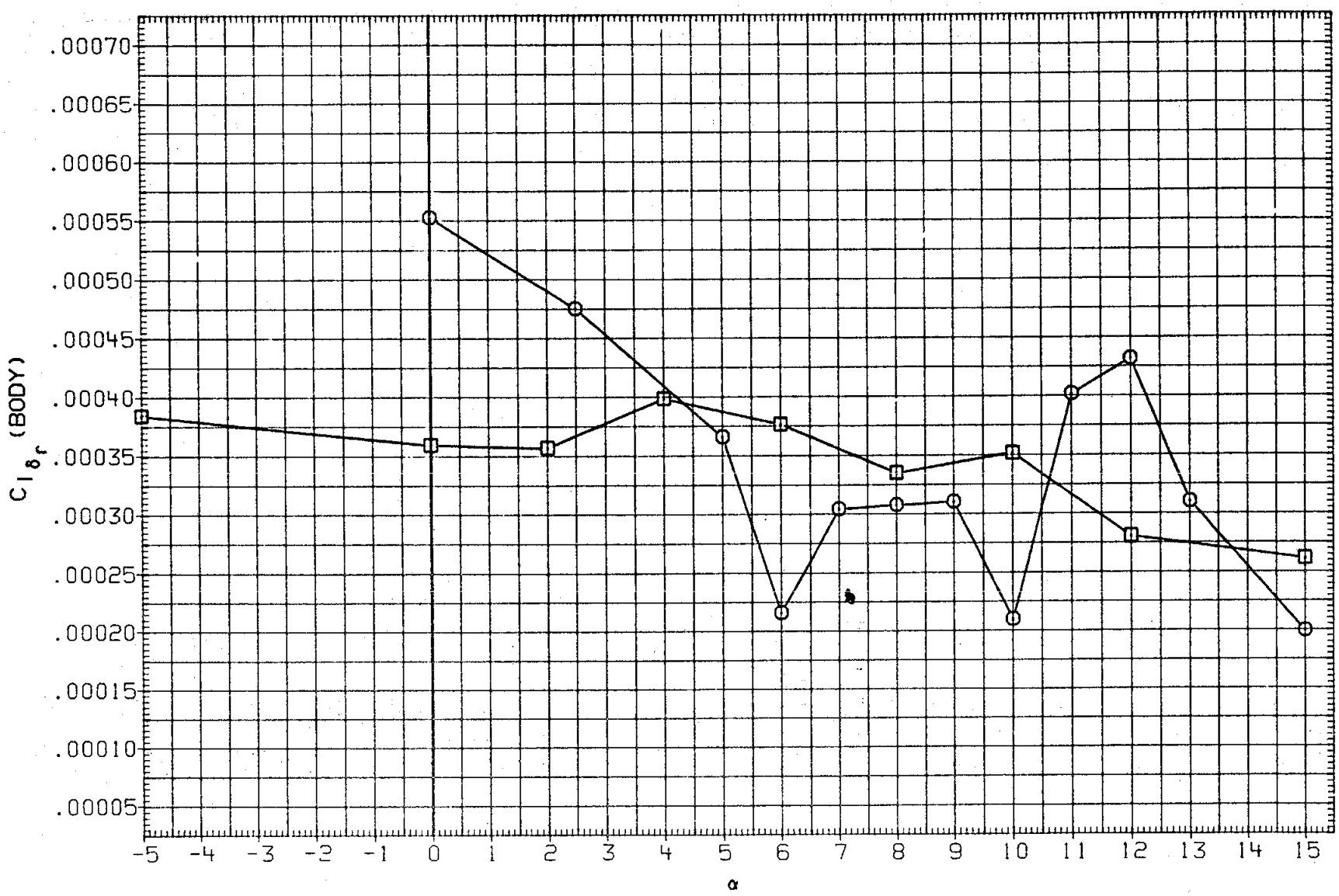


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

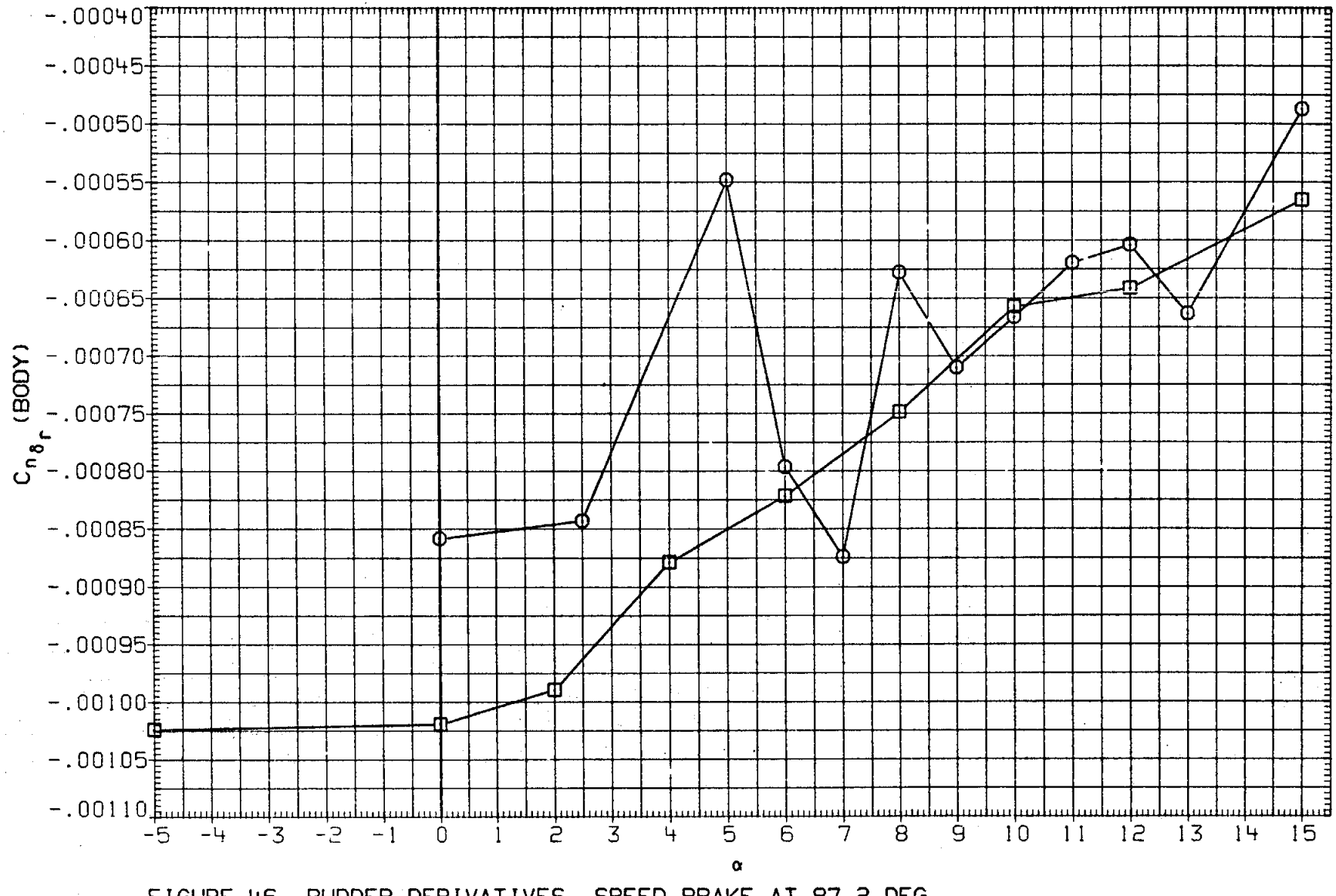


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(C)MACH = .95

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000

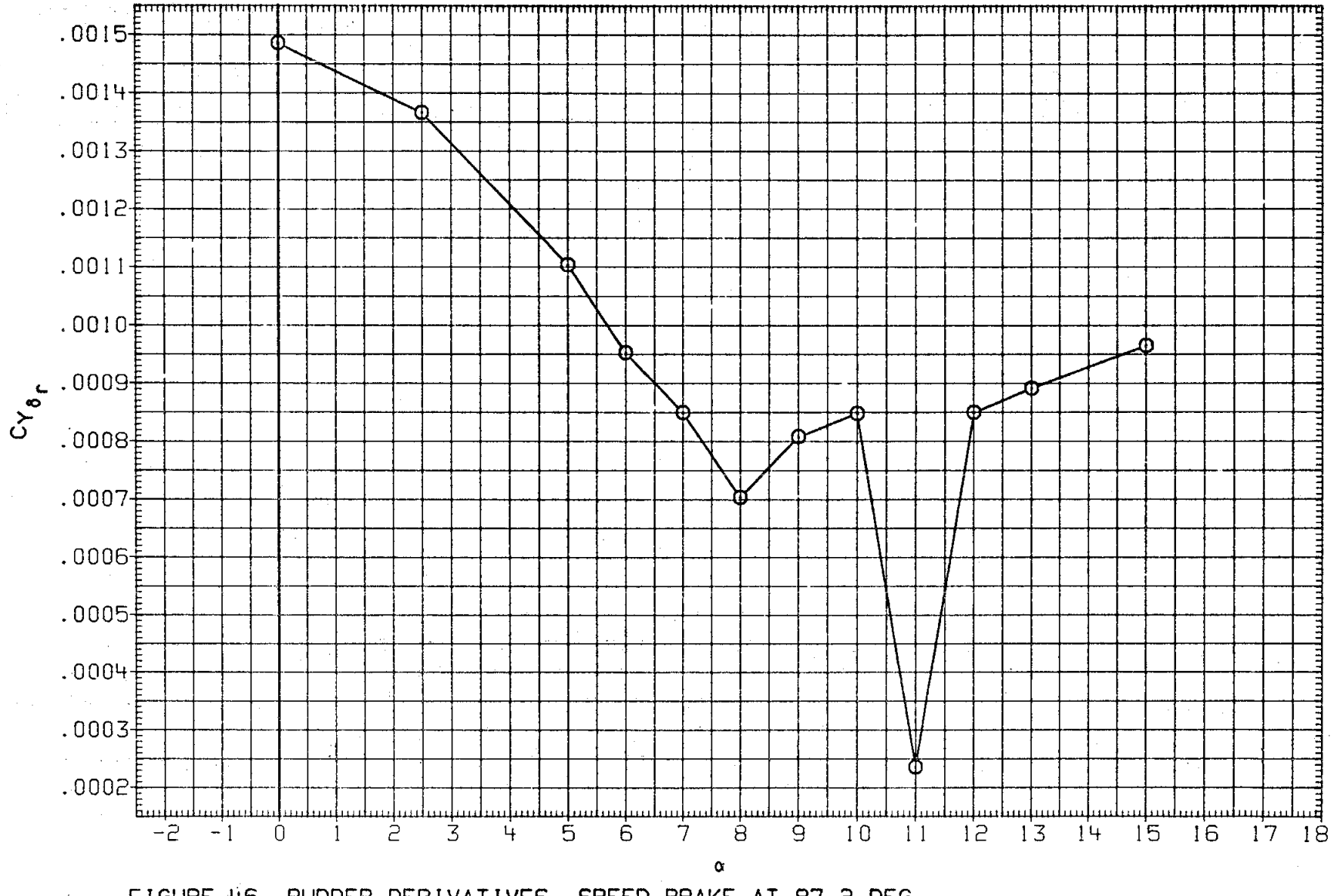


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000

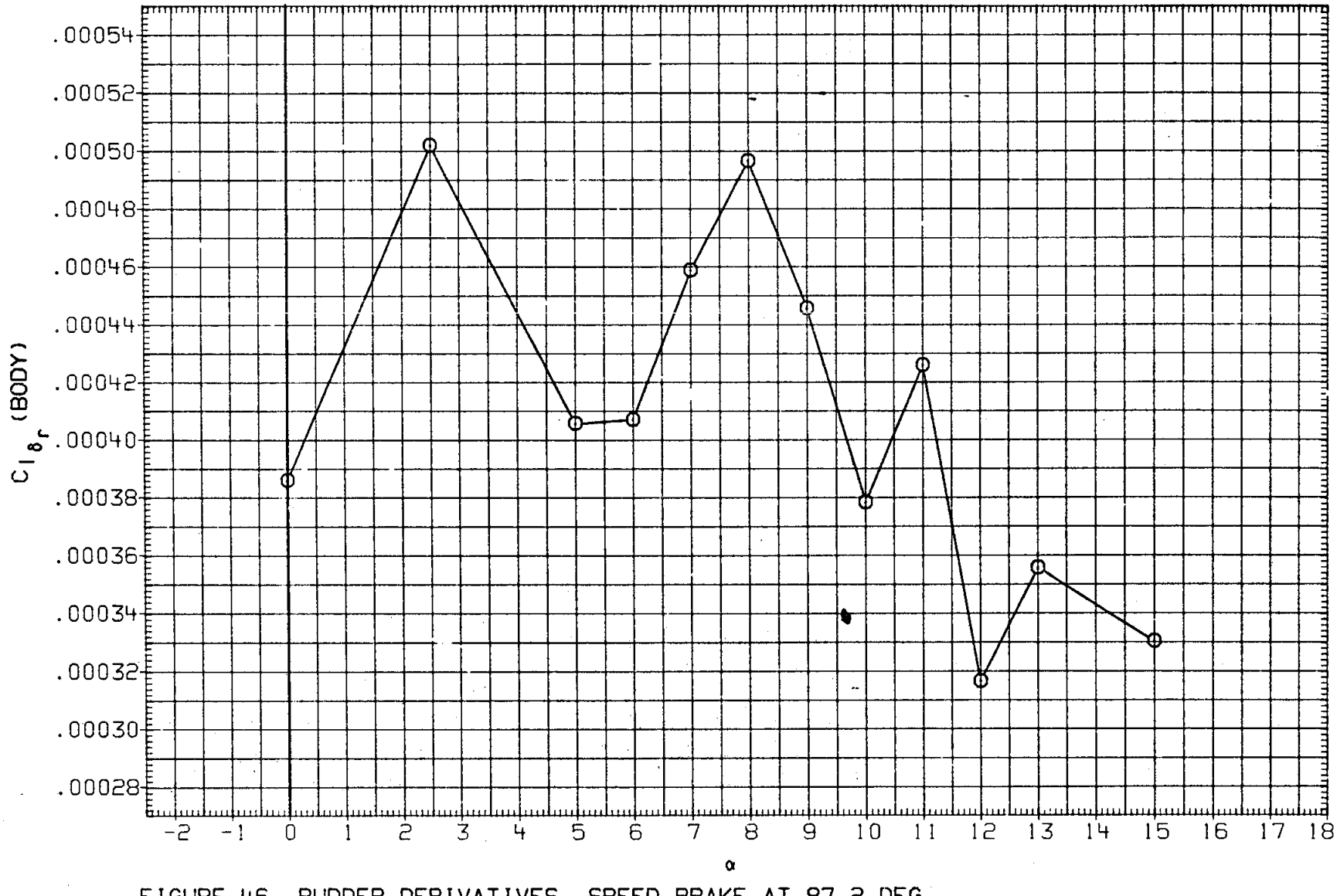


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	DRUDDR
MK0019	○	LARC 16FT TWT 325(0A270B) 105-0 ORB.	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	DATA NOT AVAILABLE	.000	.000	.000	.000	87.200	-5.000

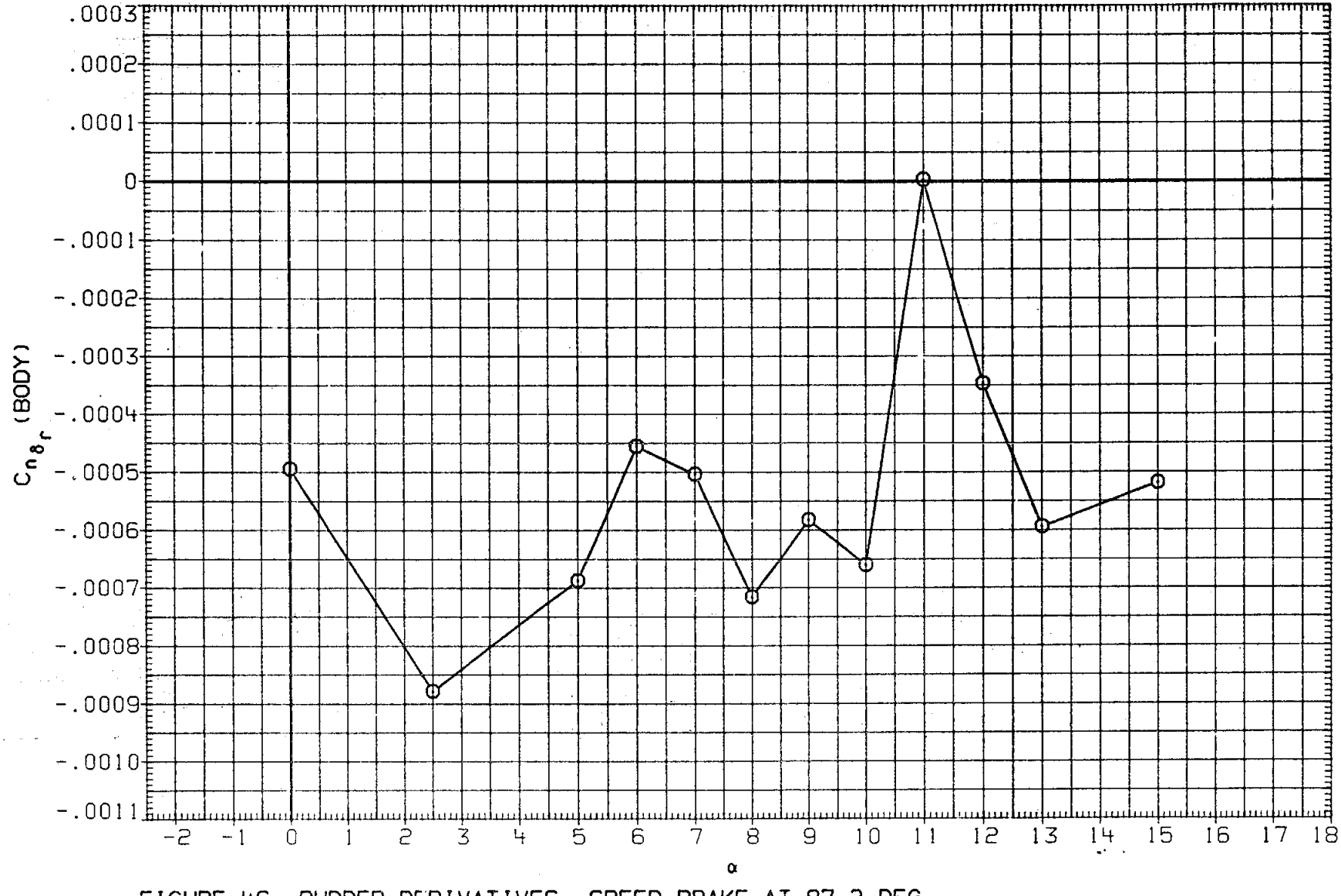


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(D)MACH = .98

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

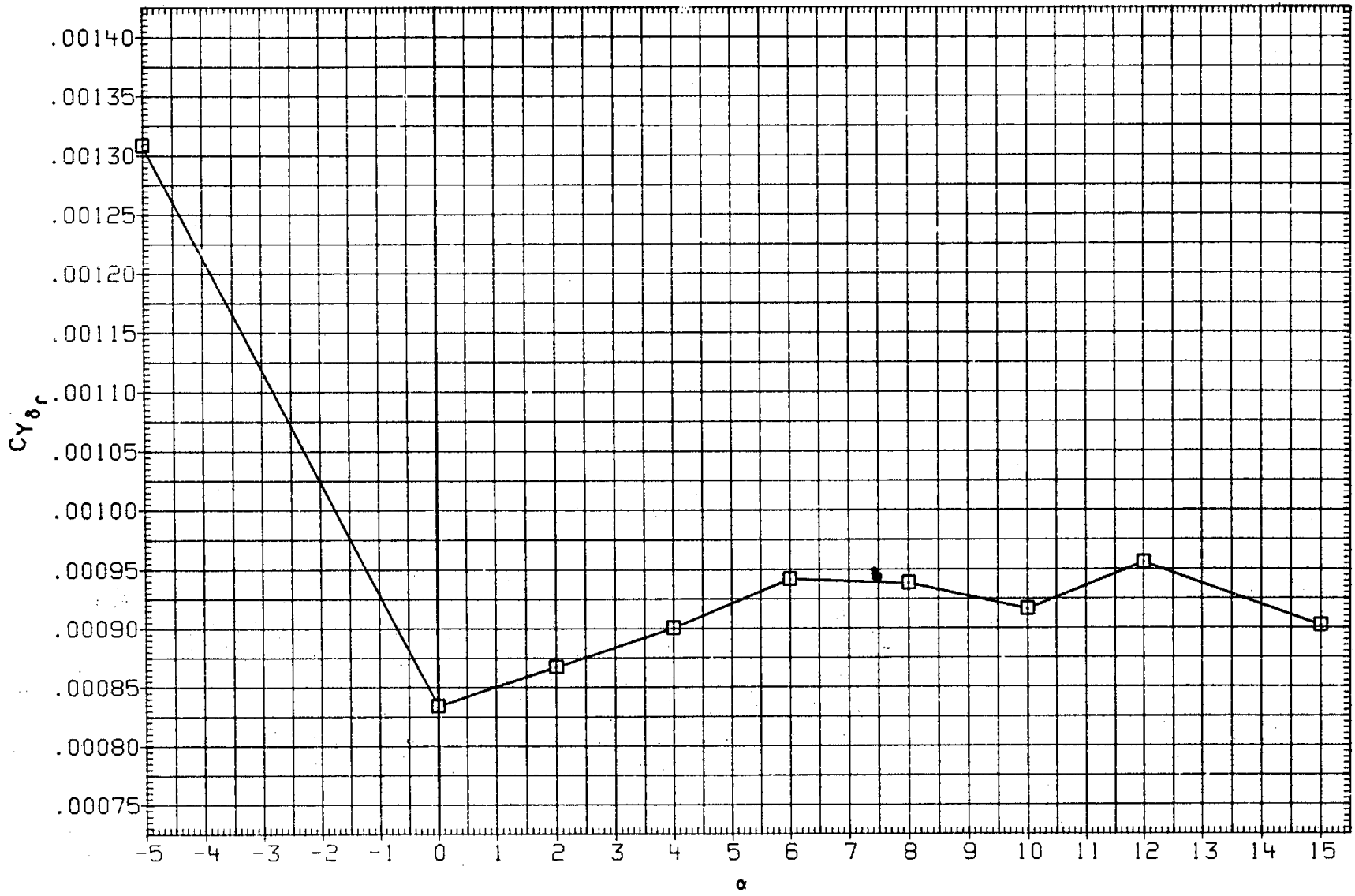


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(E)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 118-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

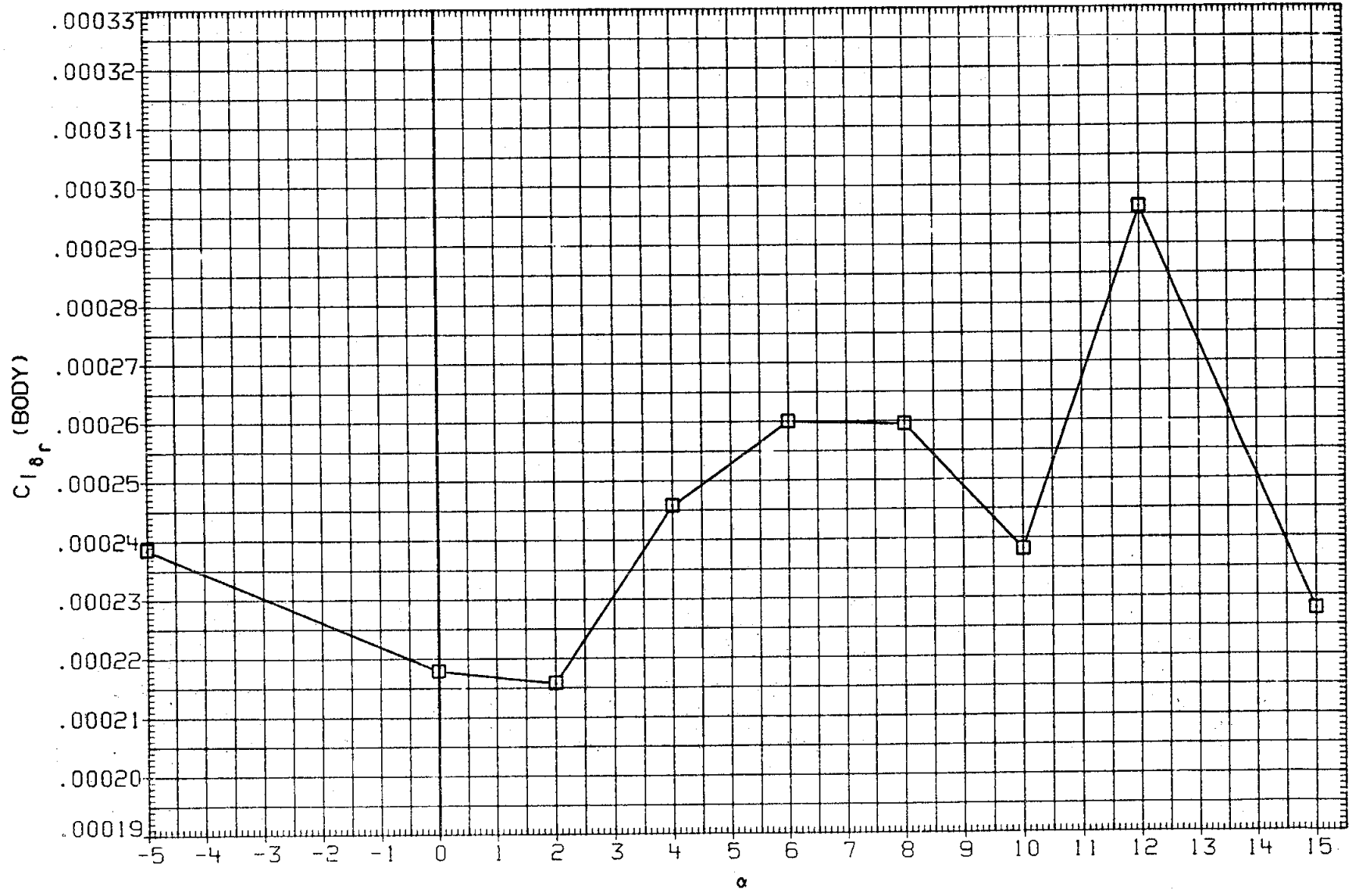


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(E)MACH = 1.20

DATA SET	SYMBOL	CONFIGURATION	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	DRUDDR
MK0019	○	DATA NOT AVAILABLE	.000	.000	.000	.000	86.810	5.260
M2F0C5	□	AMES 11B-1-11 0A145A 01	.000	.000	.000	.000	87.200	-5.000

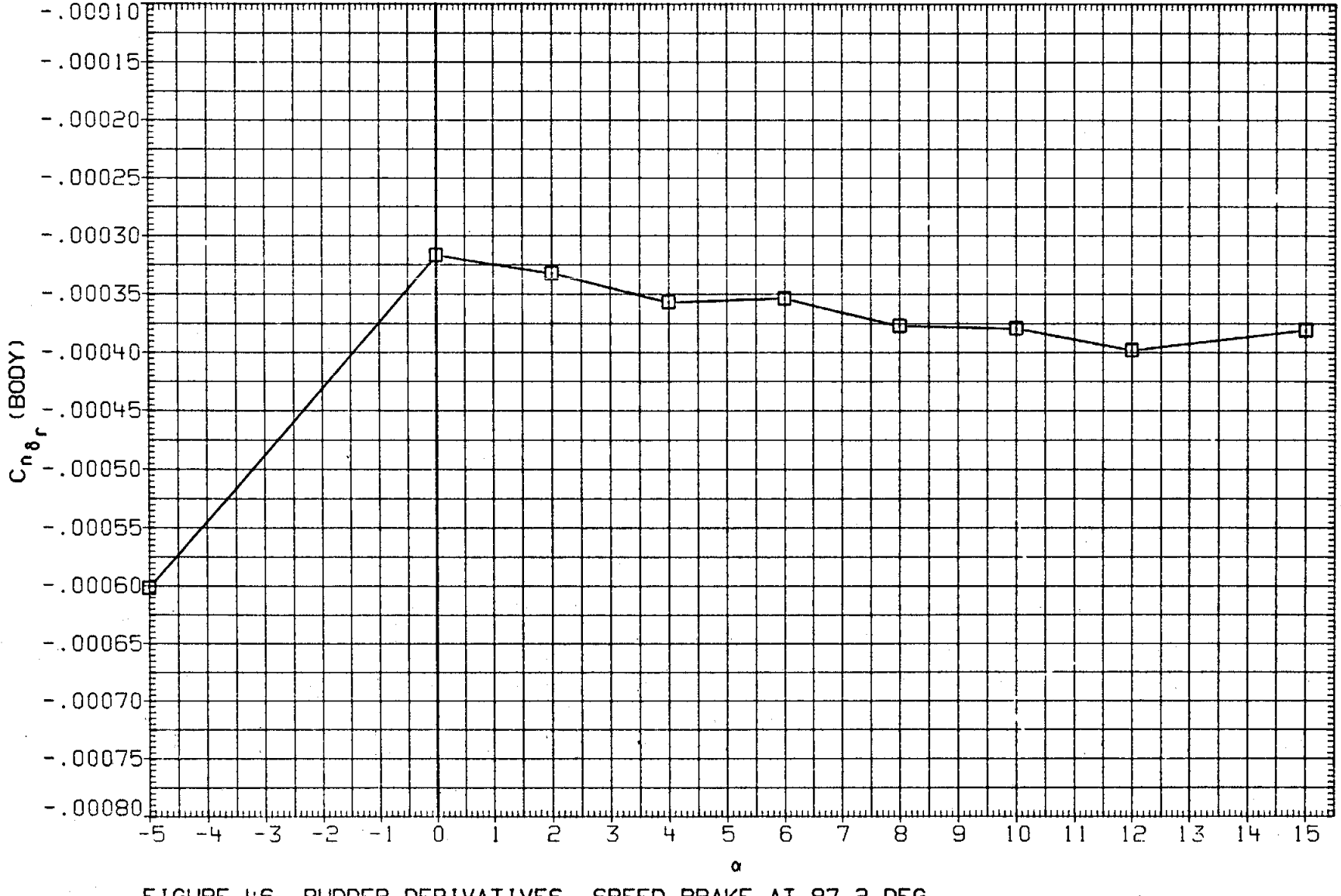


FIGURE 46. RUDDER DERIVATIVES, SPEED BRAKE AT 87.2 DEG.

(E)MACH = 1.20

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON 1B UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.340	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

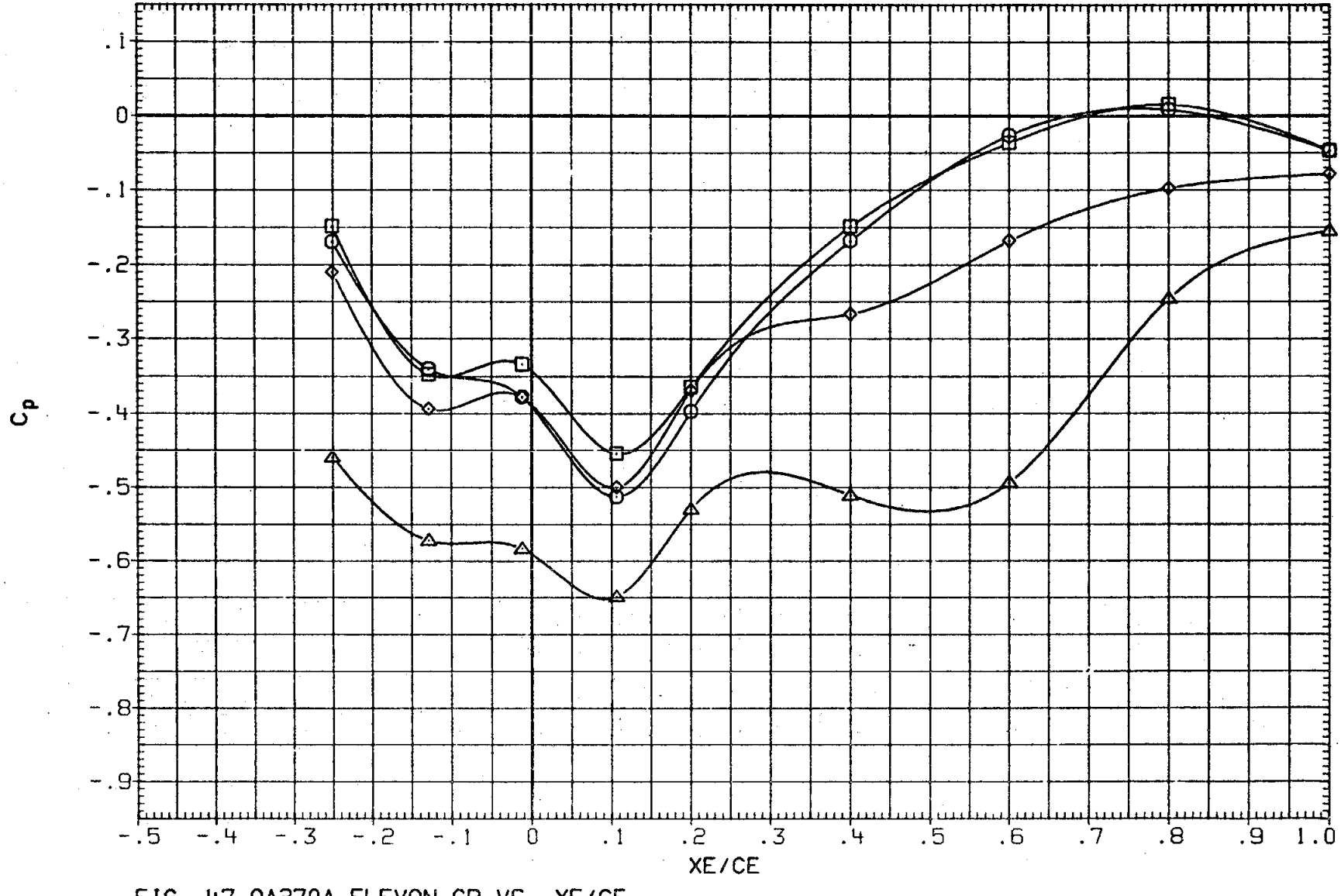


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.427	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

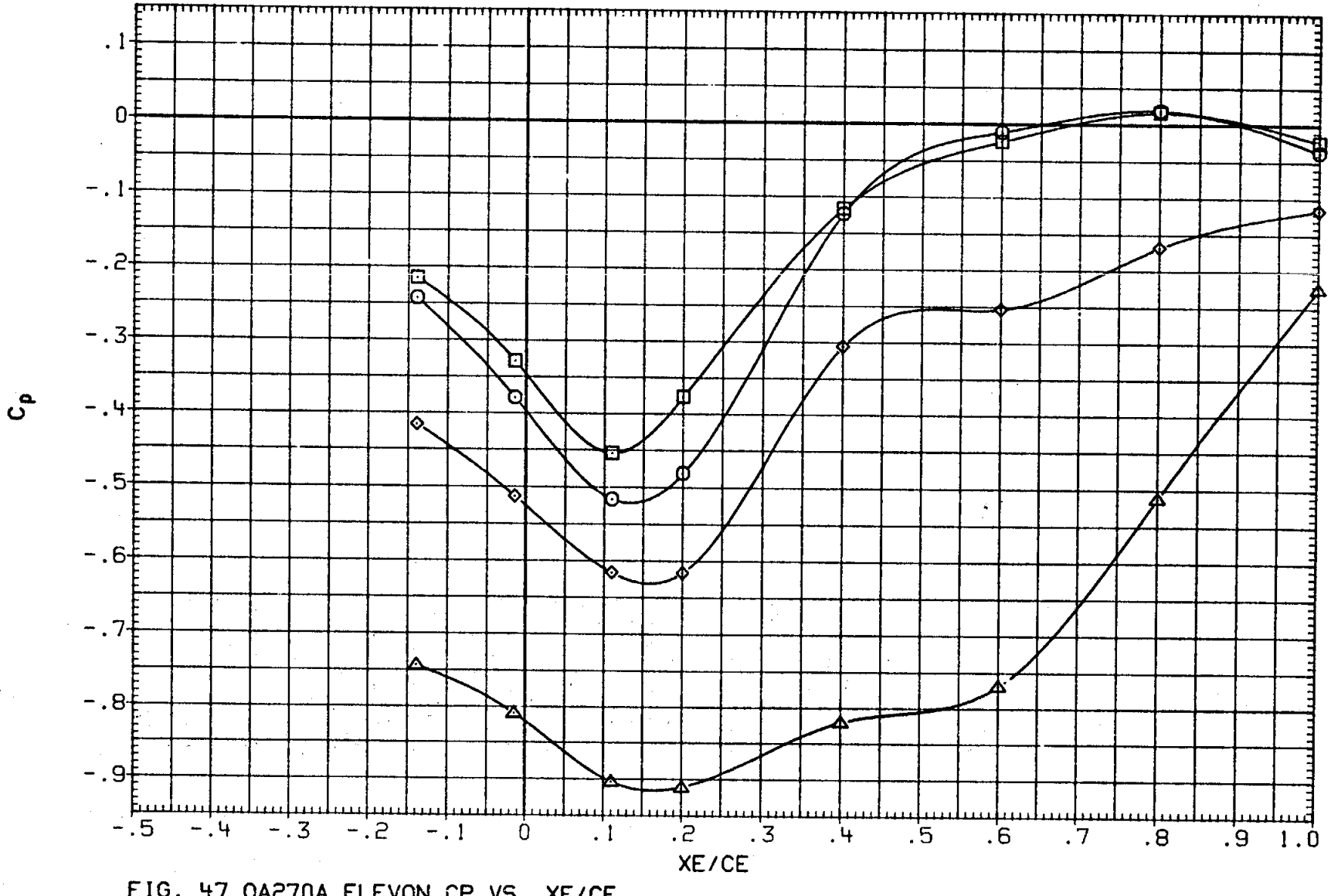


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.534	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

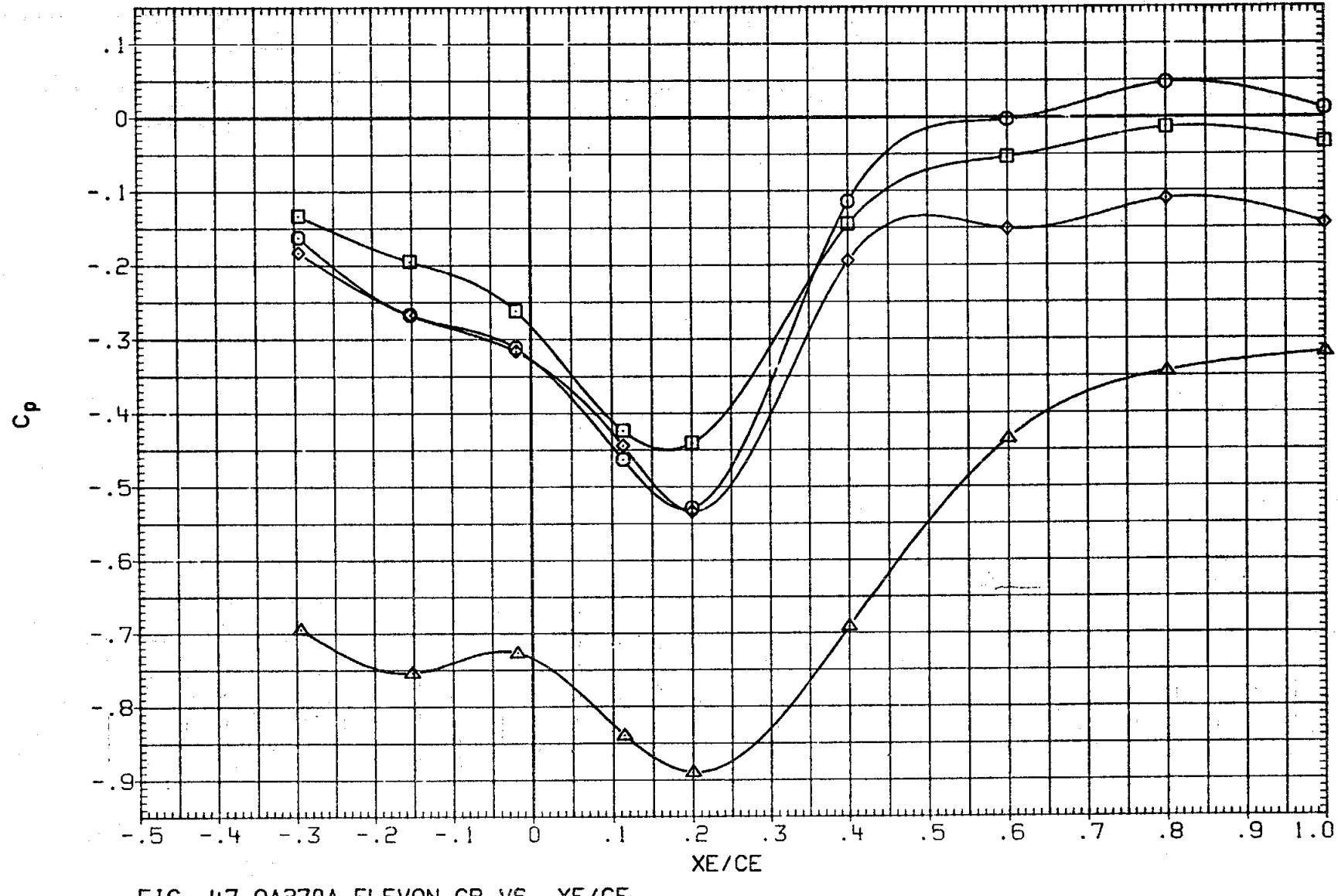


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.615	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

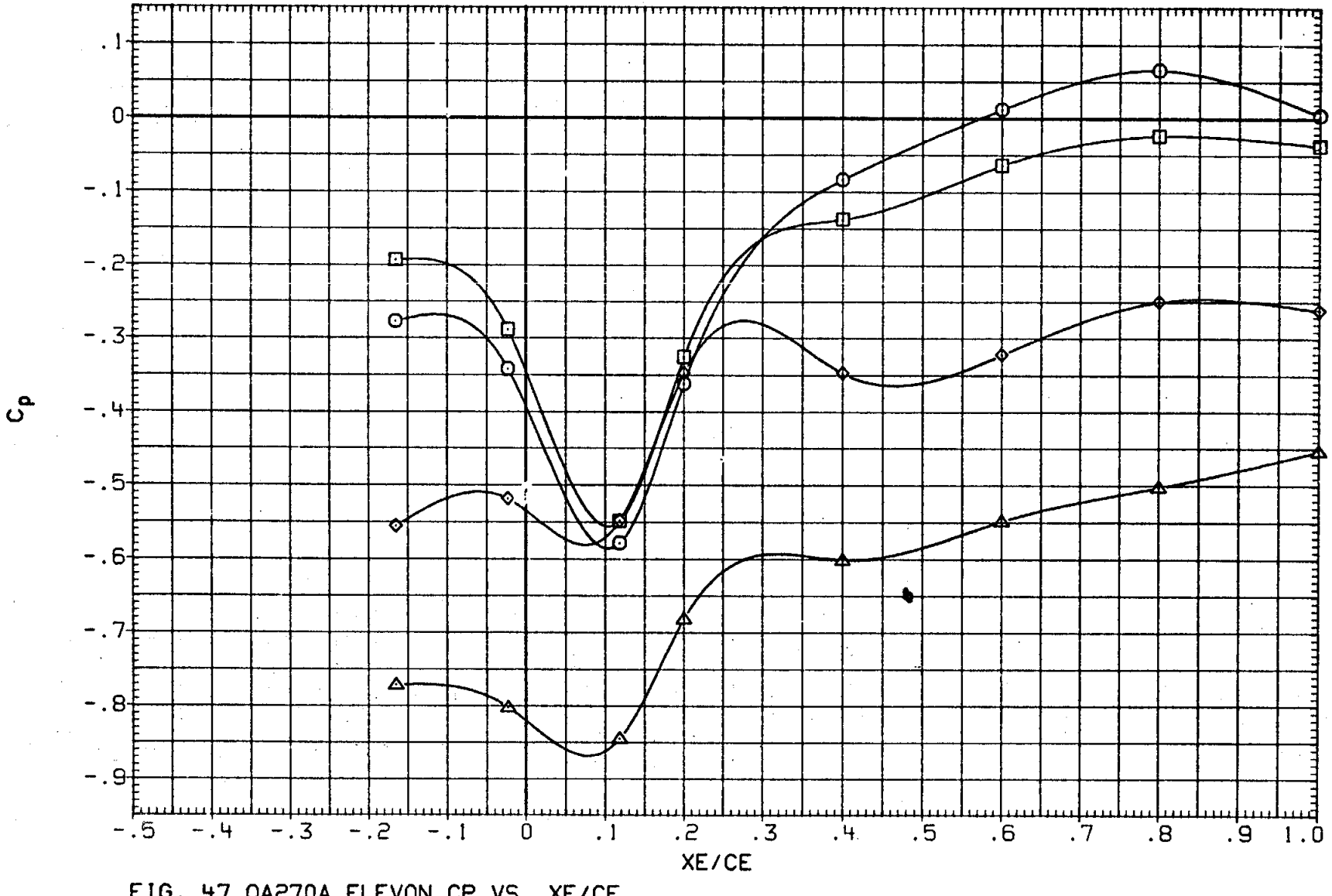


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.340	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

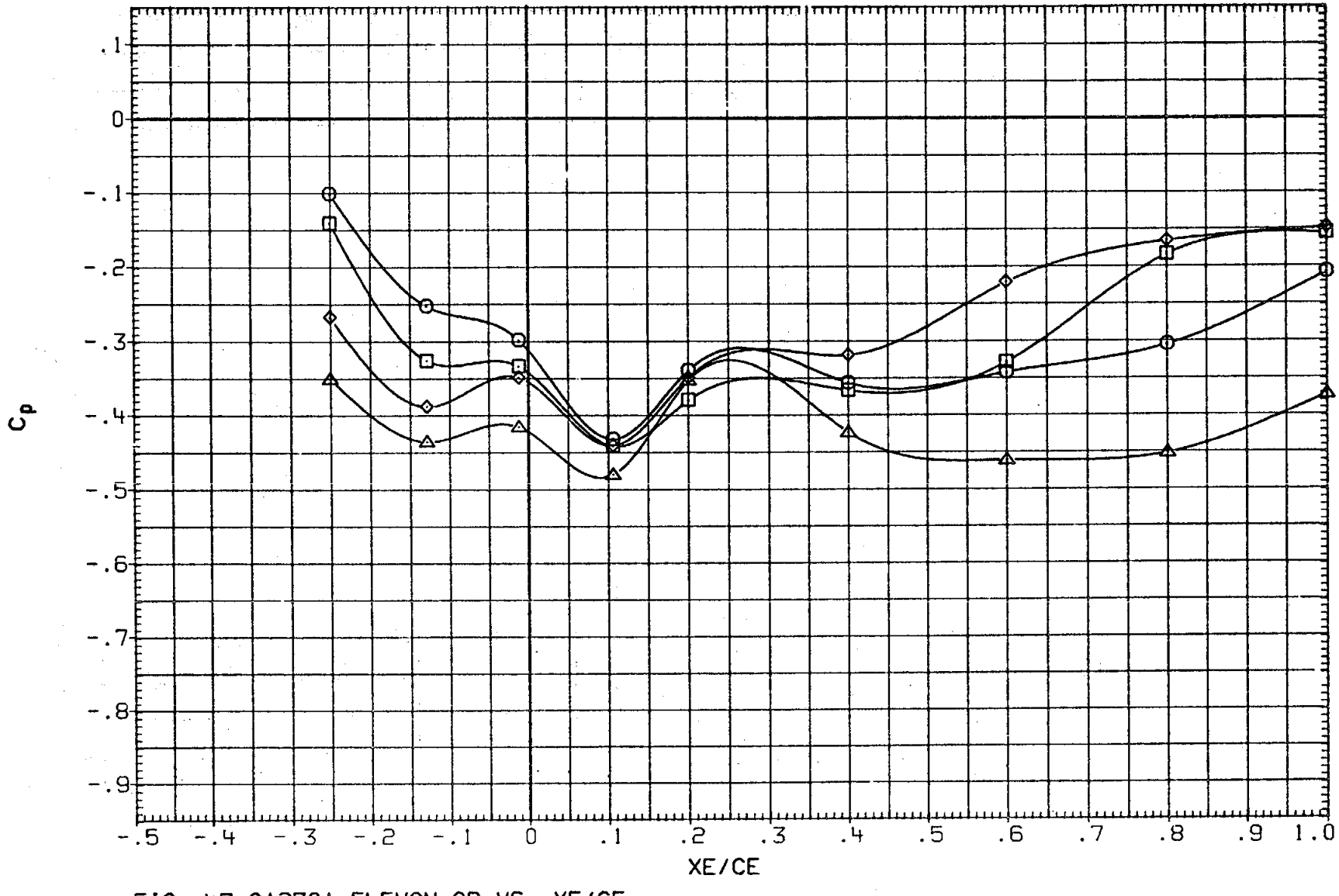


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.427	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

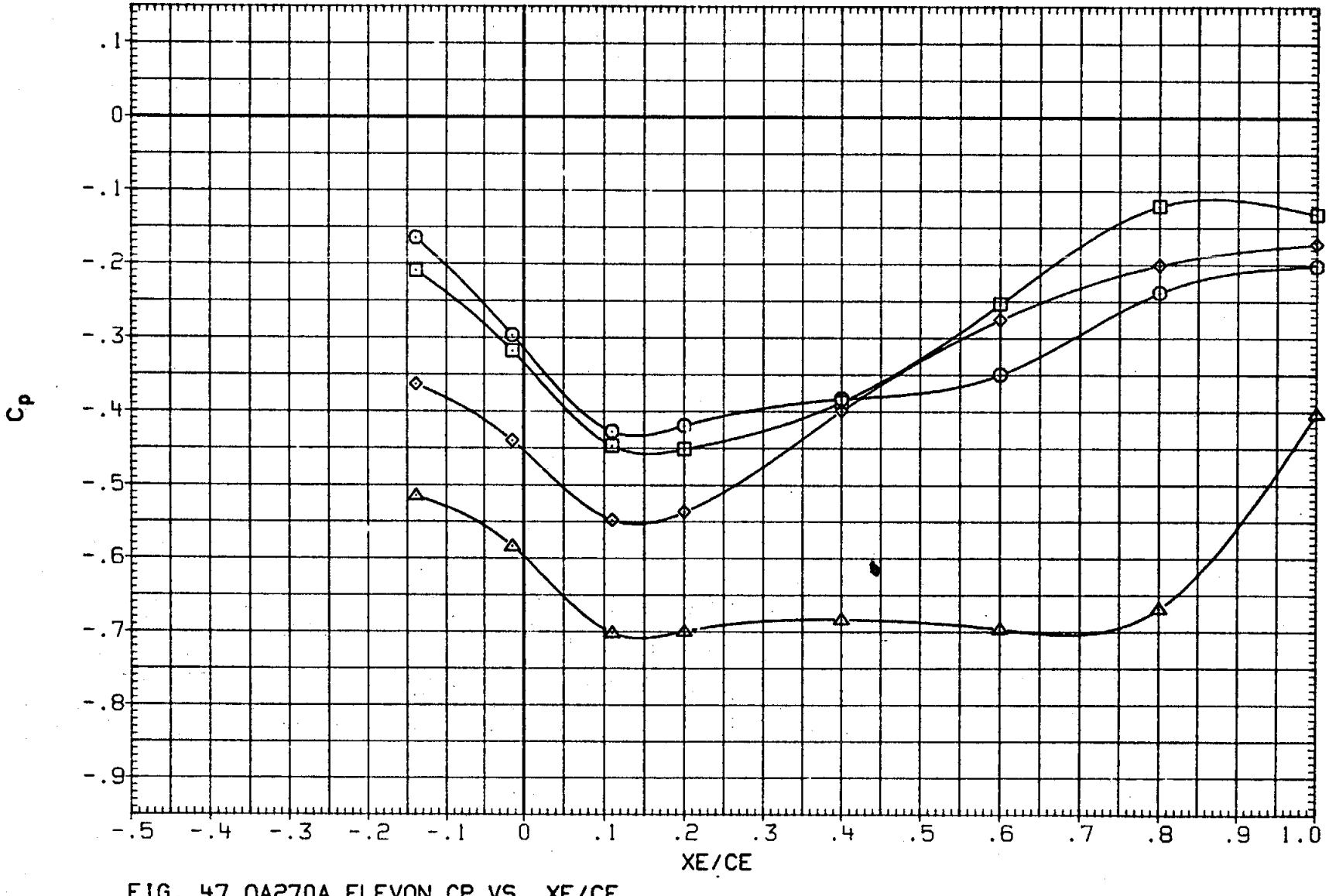


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.534	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

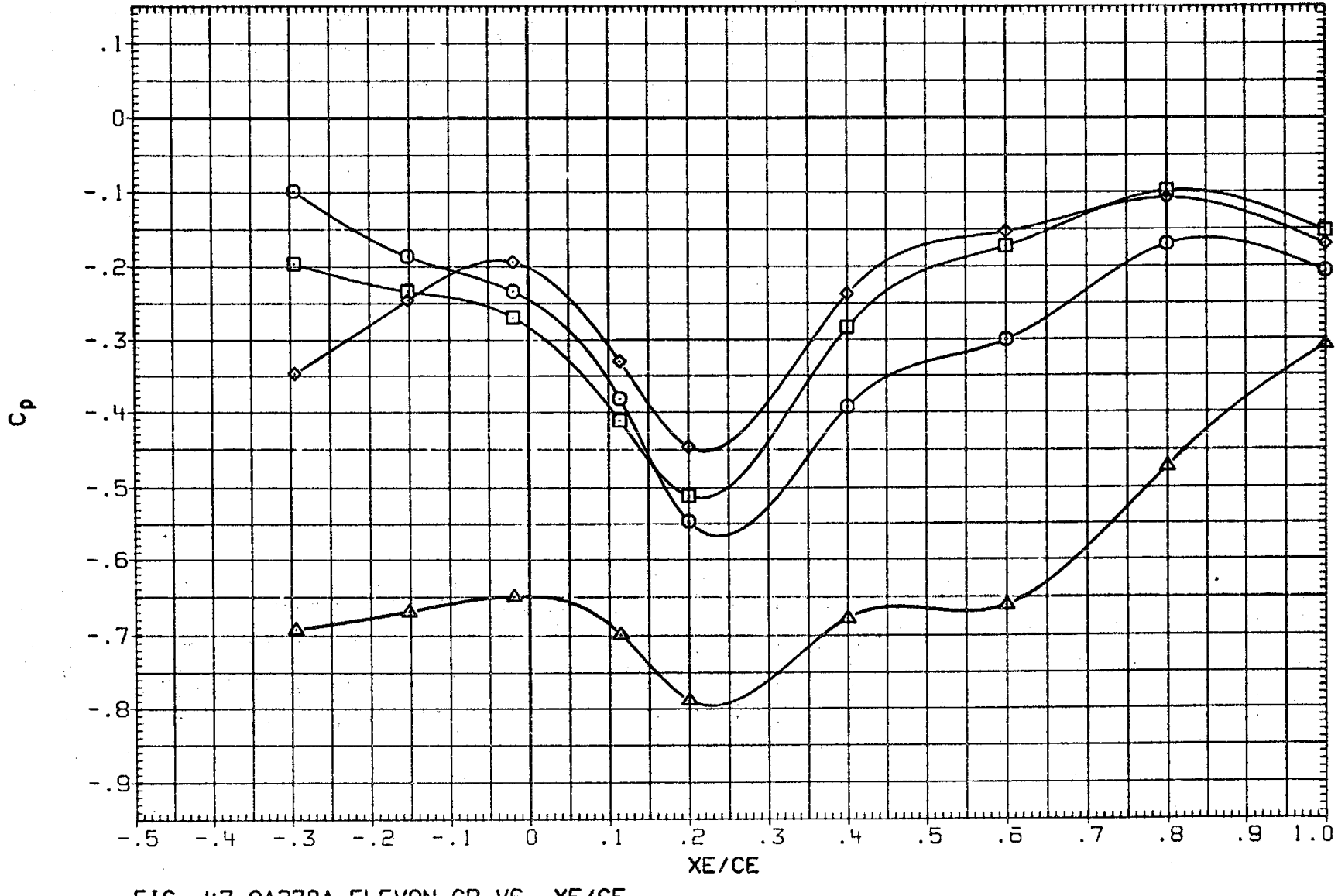


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.615	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

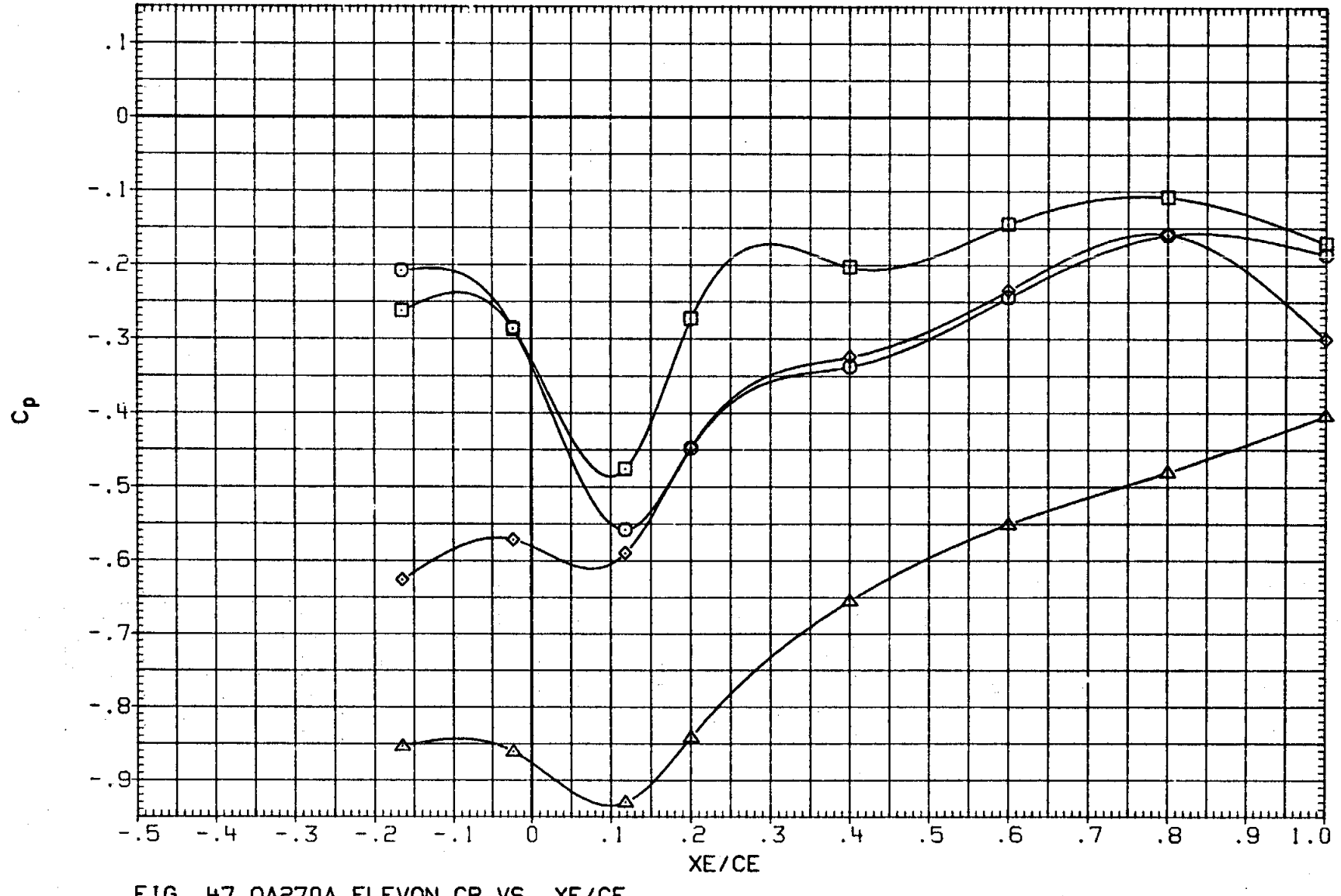


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(OA270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.340	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

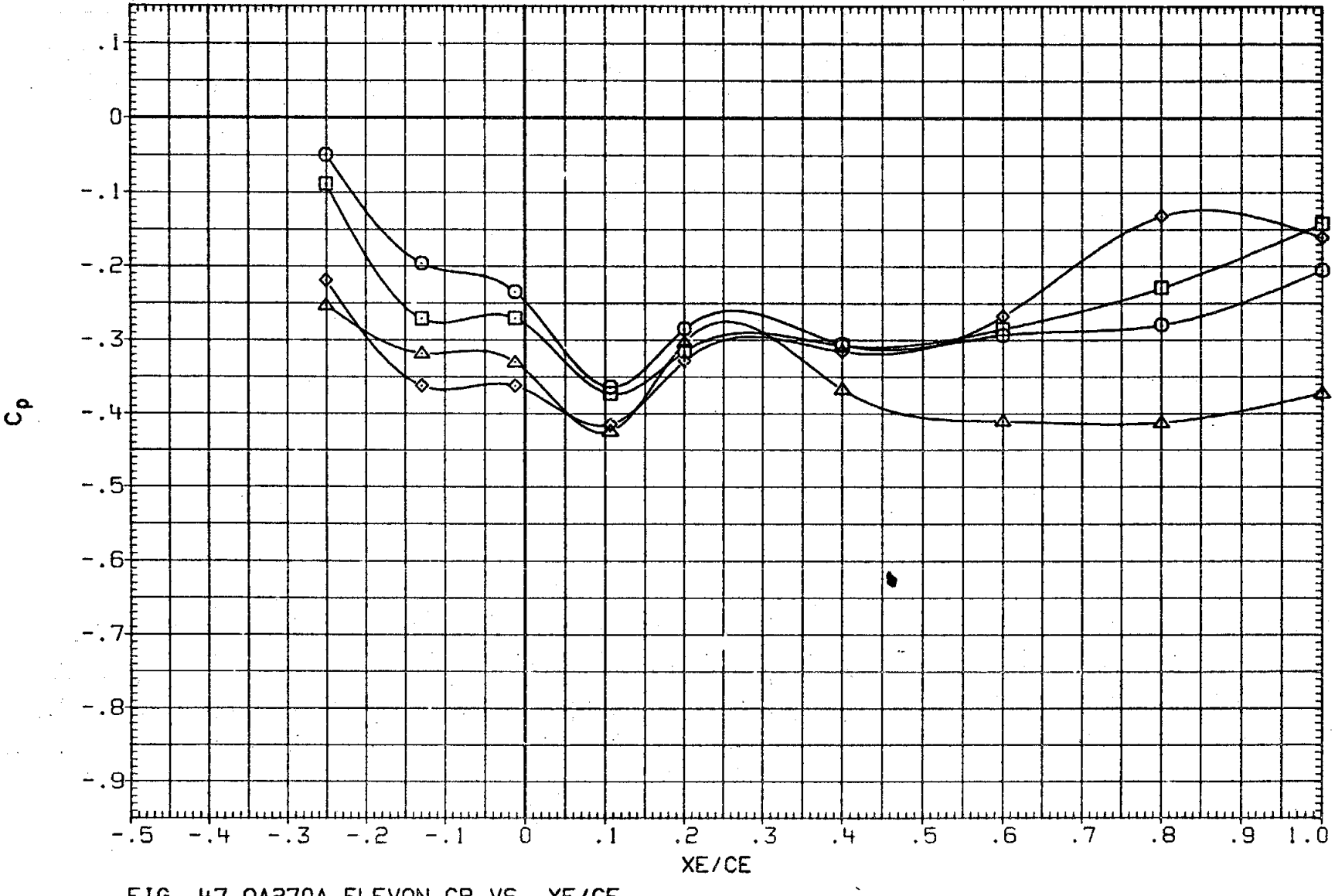


FIG. 47 OA270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.427	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

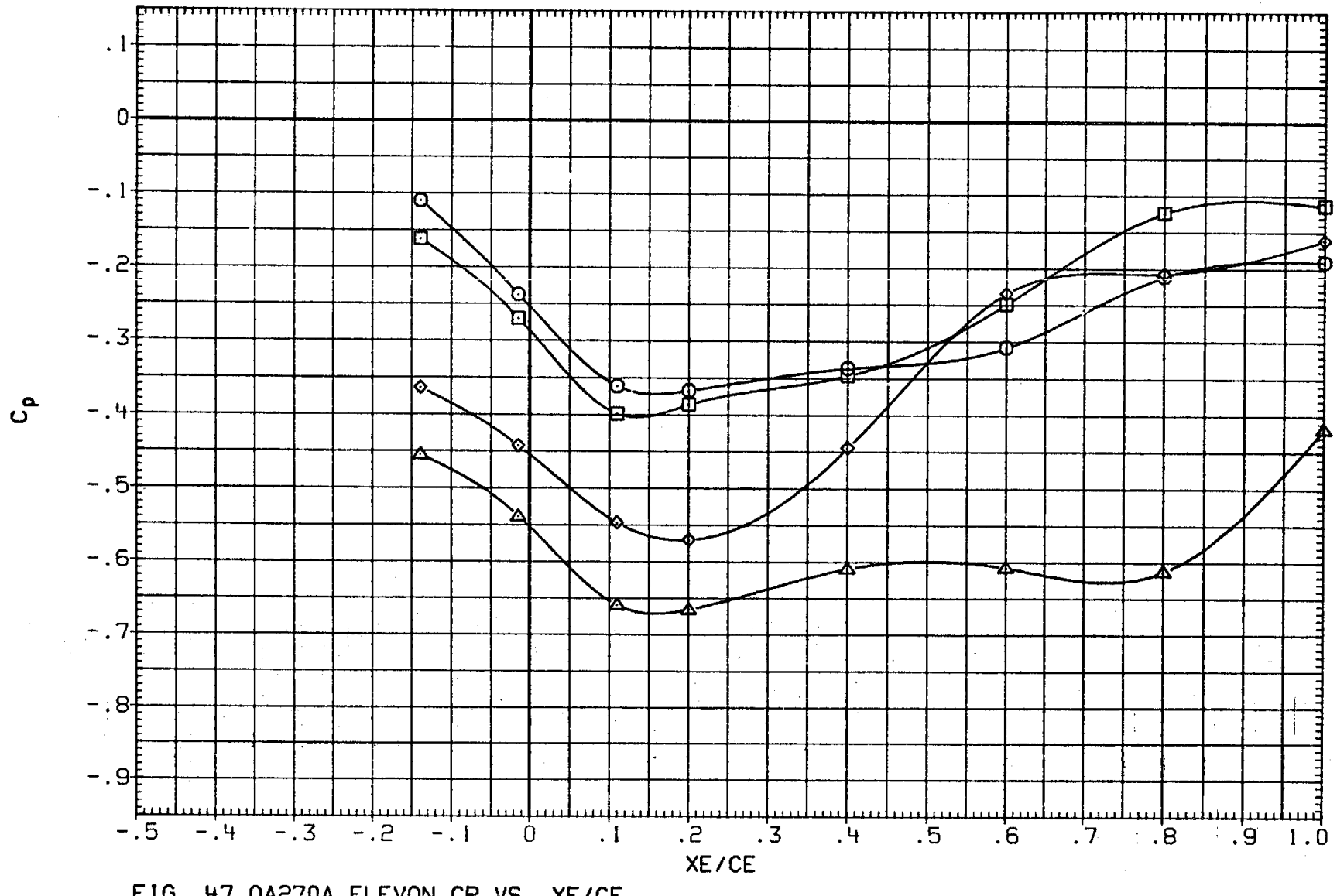


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.534	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

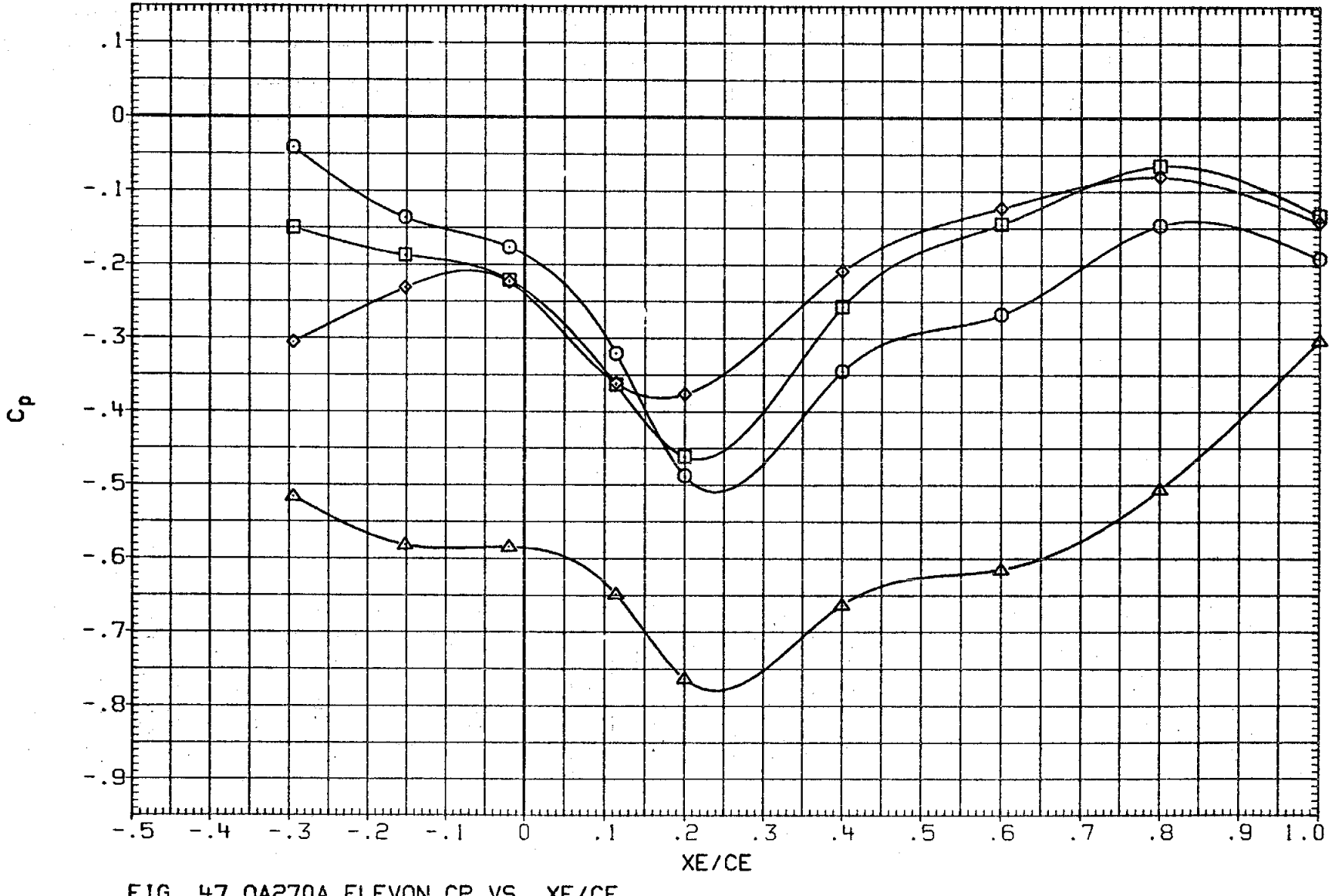


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.615	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

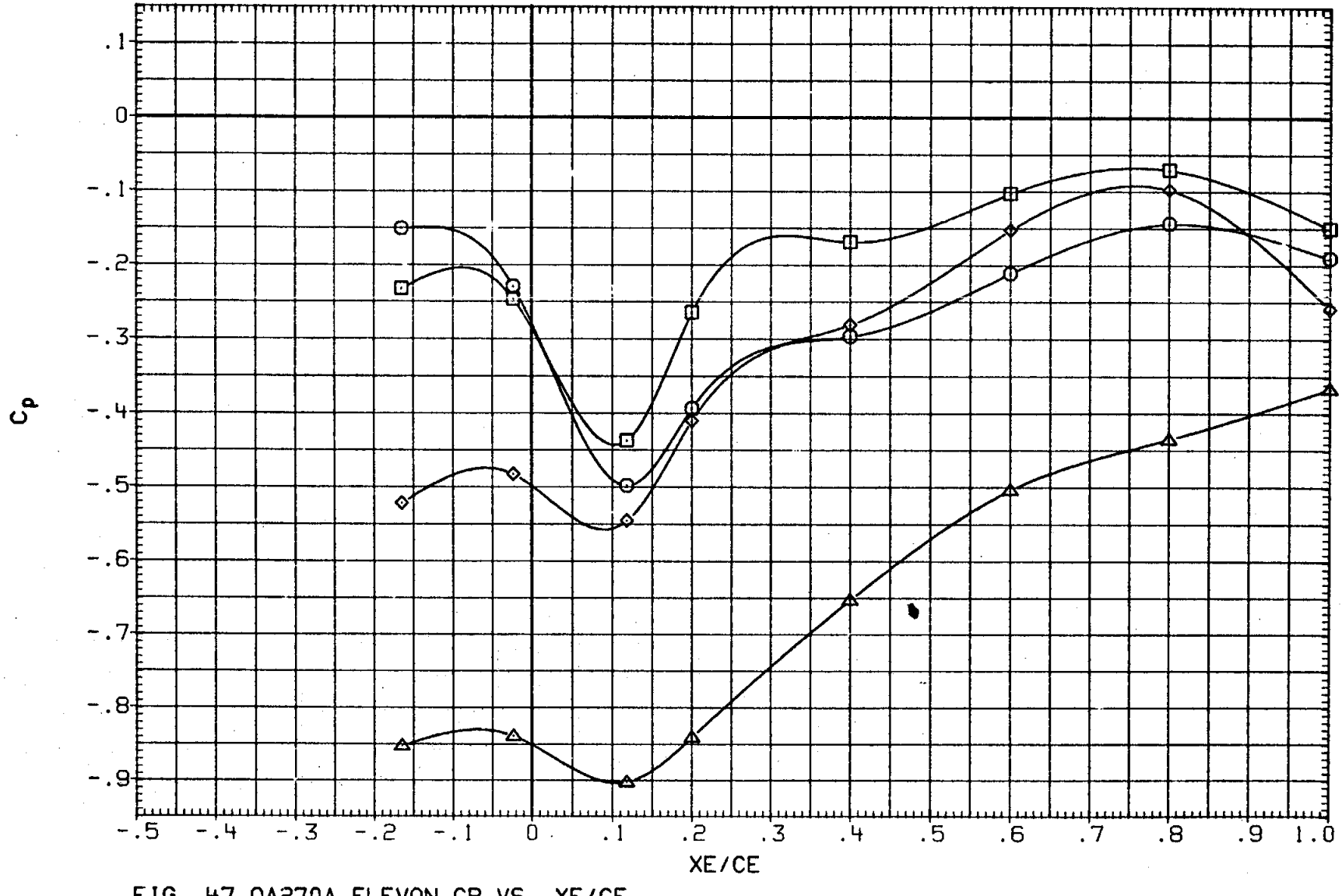


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.340	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

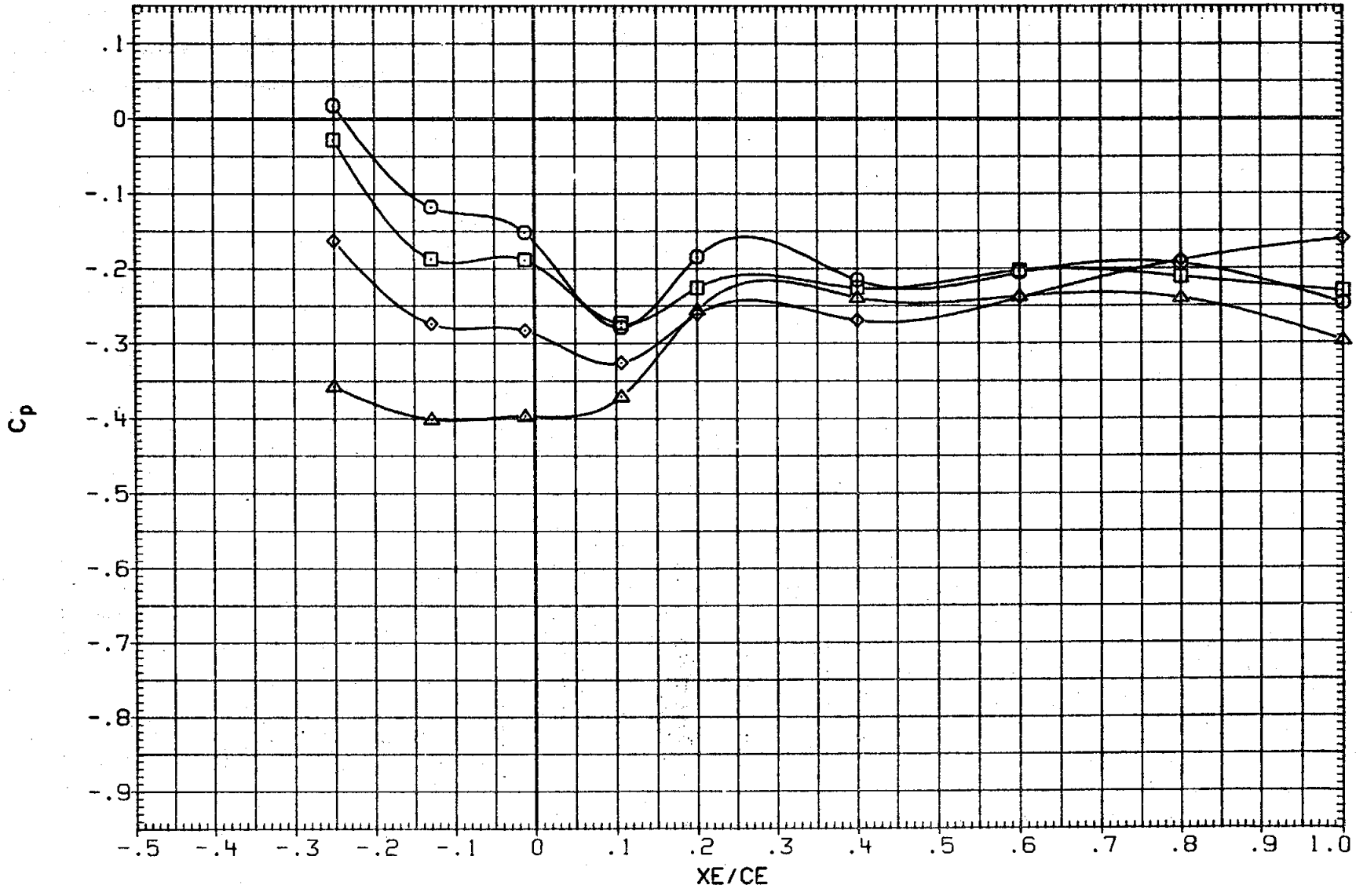


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(OA270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.427	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

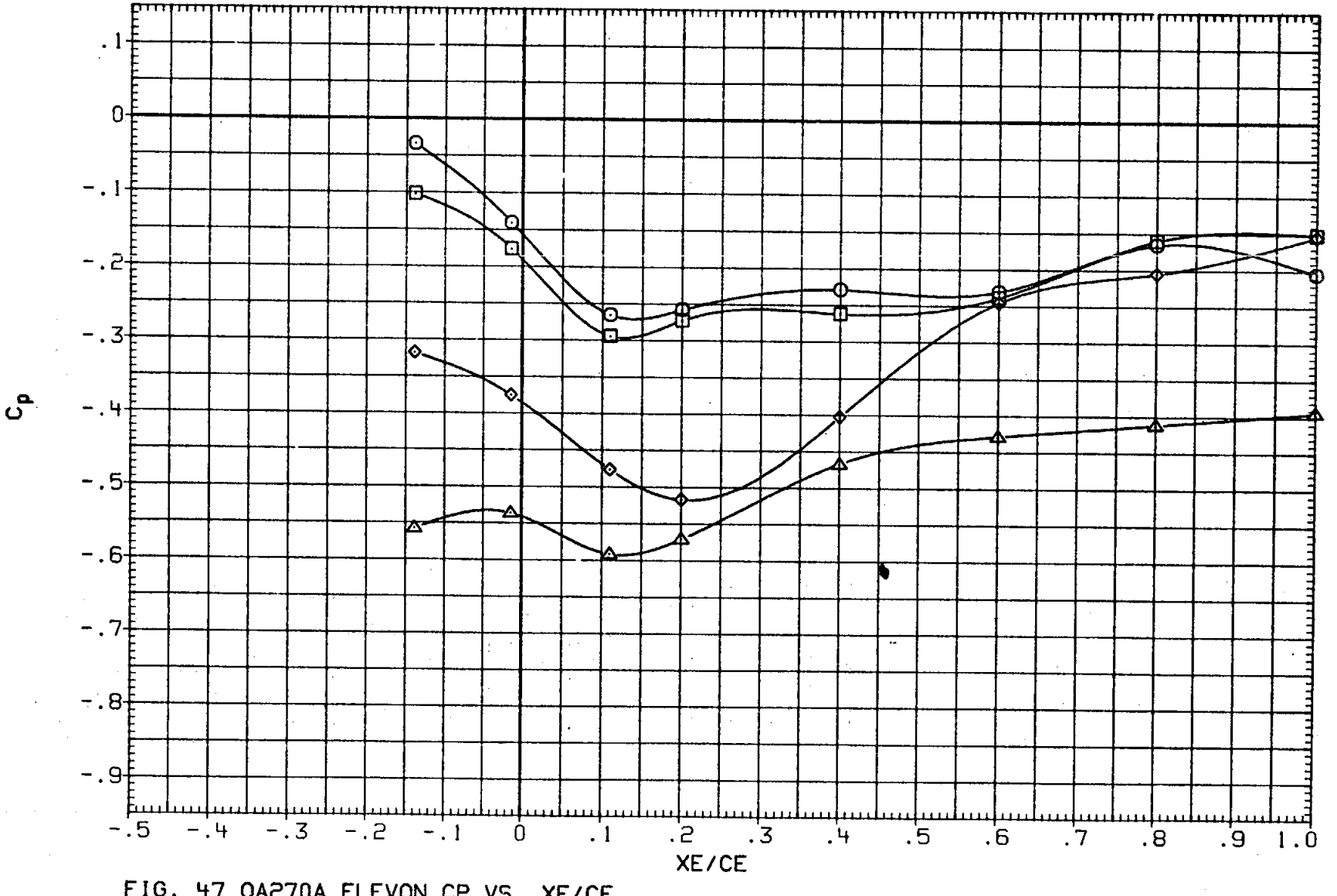


FIG. 47 OA270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.534	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

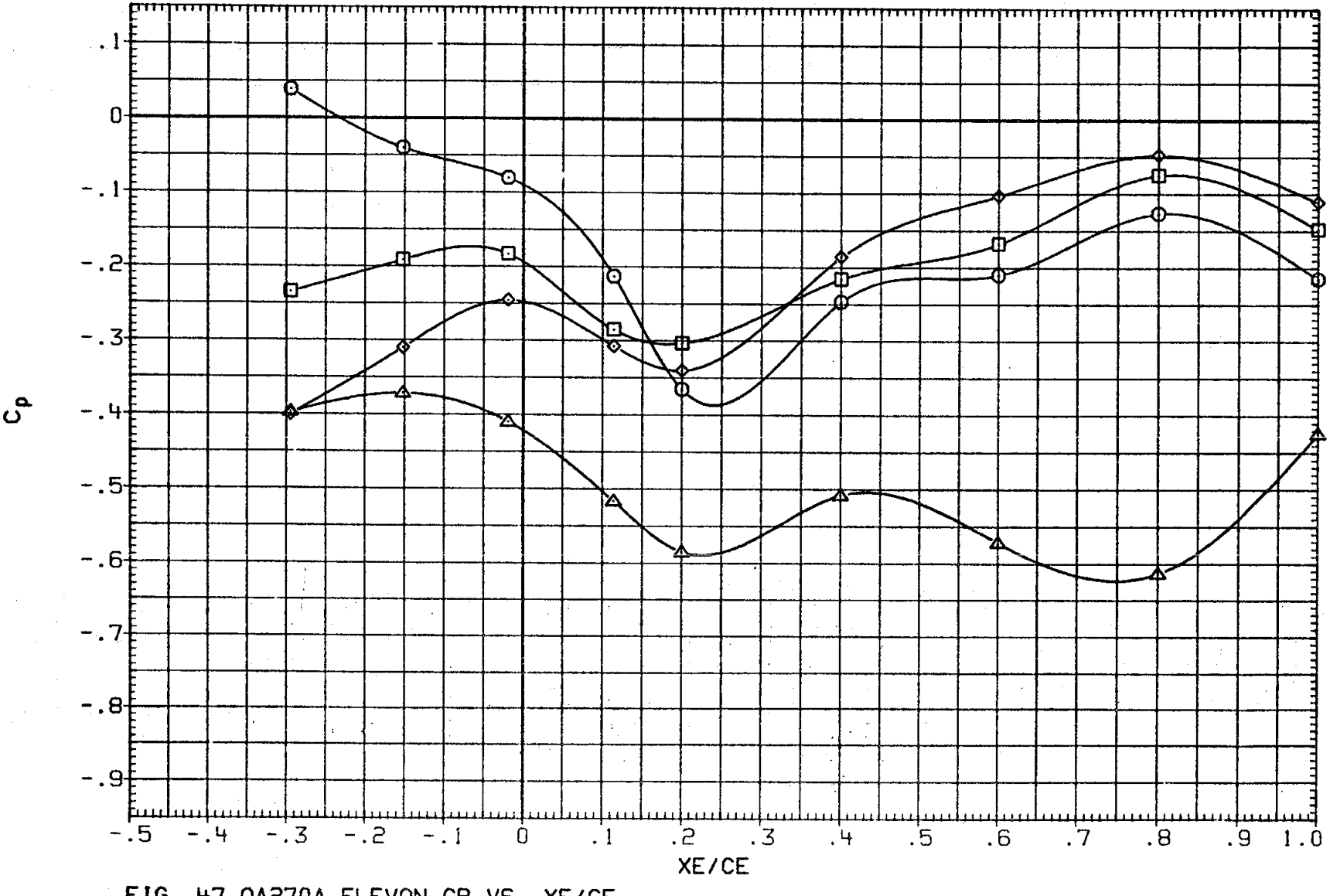


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.615	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

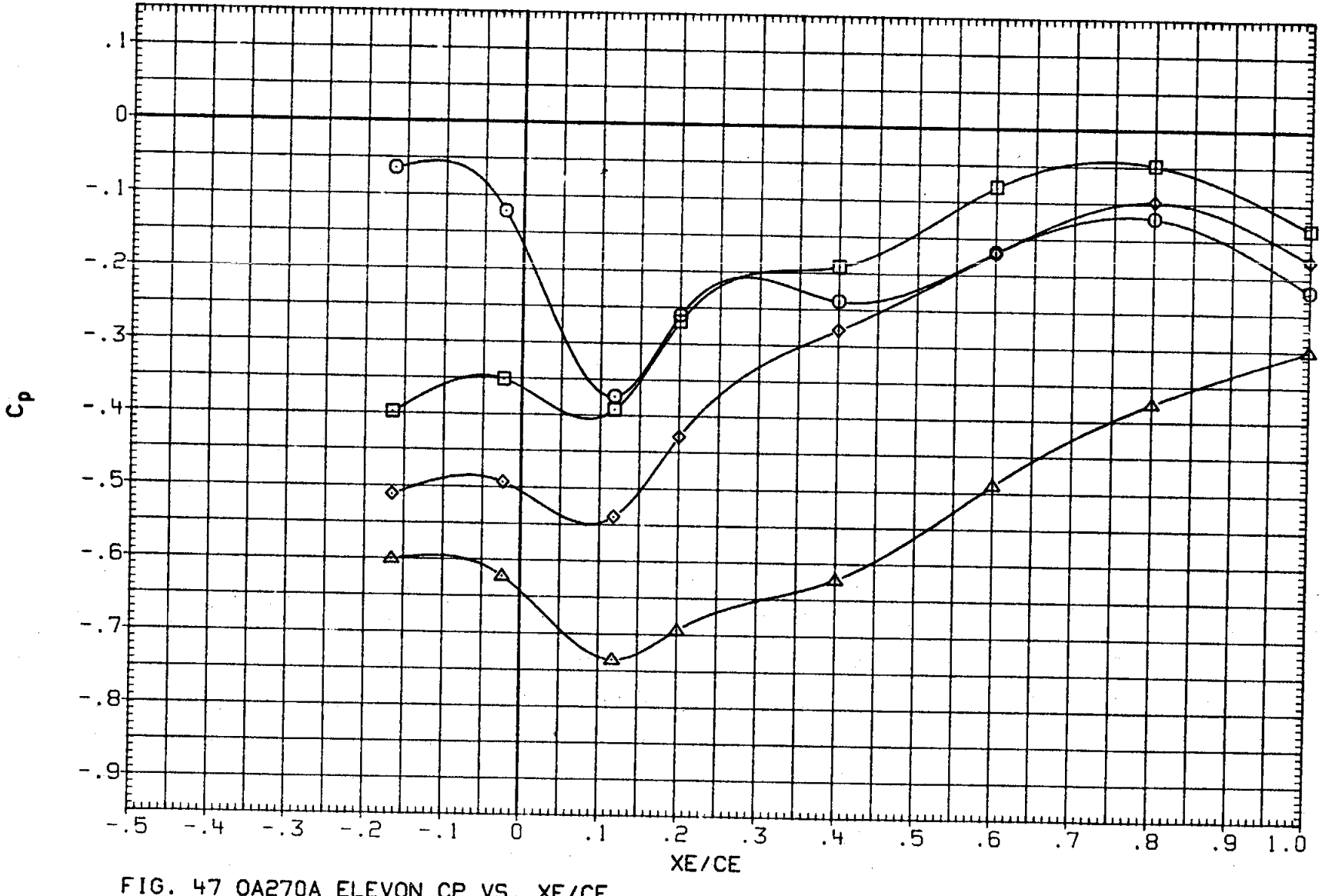


FIG. 47 0A270A ELEVON CP VS. XE/CE, INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.340	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

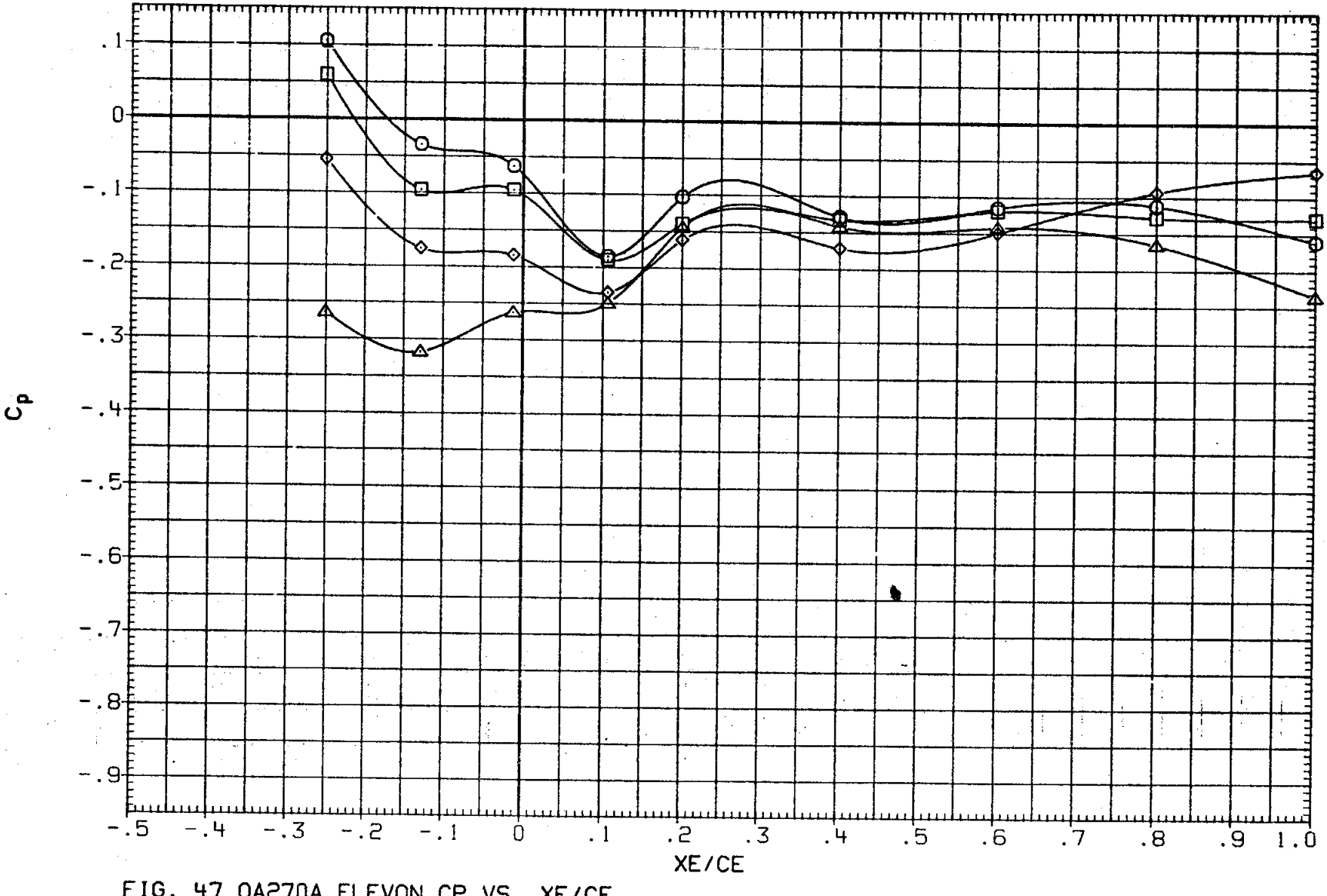


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.427	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

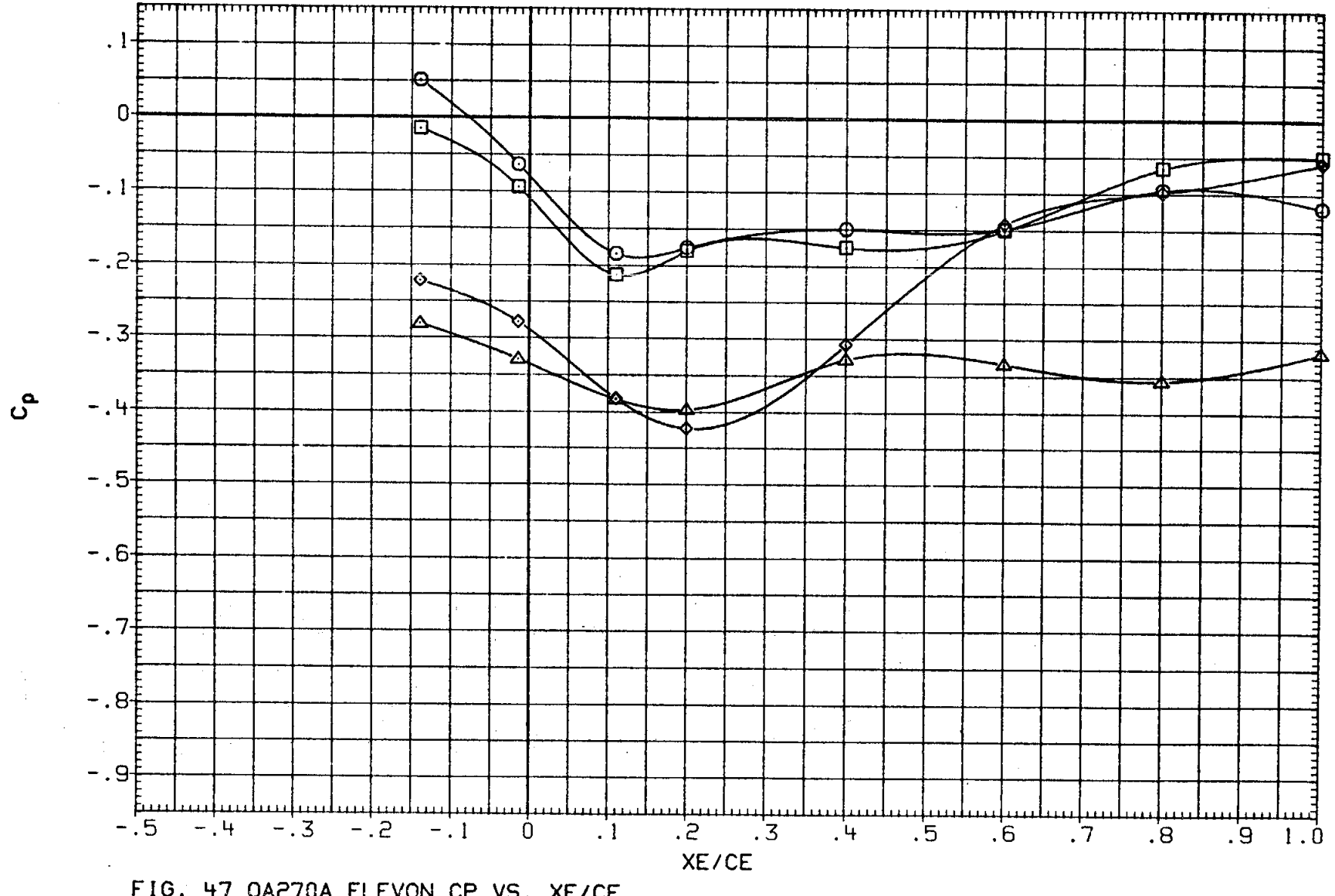


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.534	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

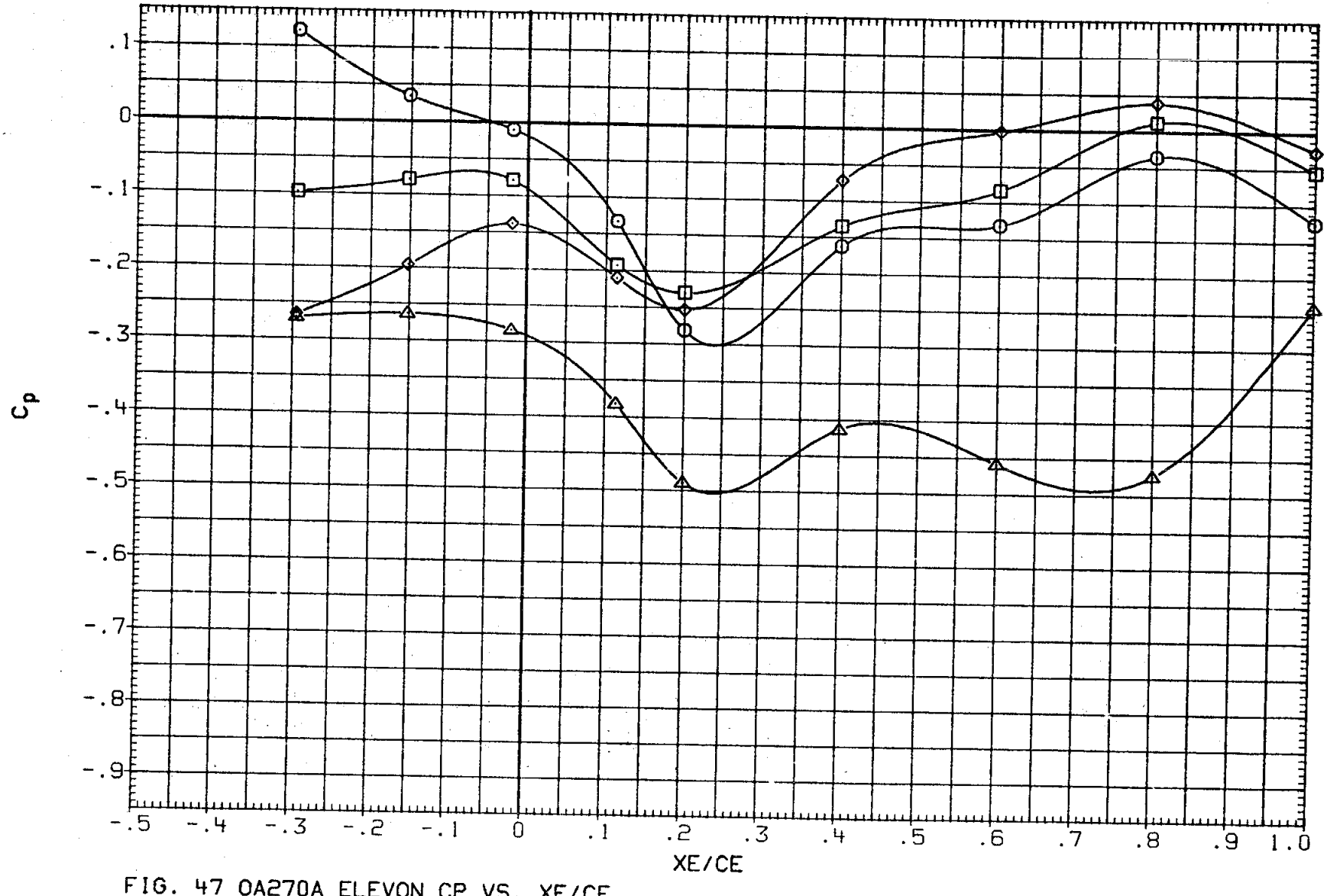


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.615	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

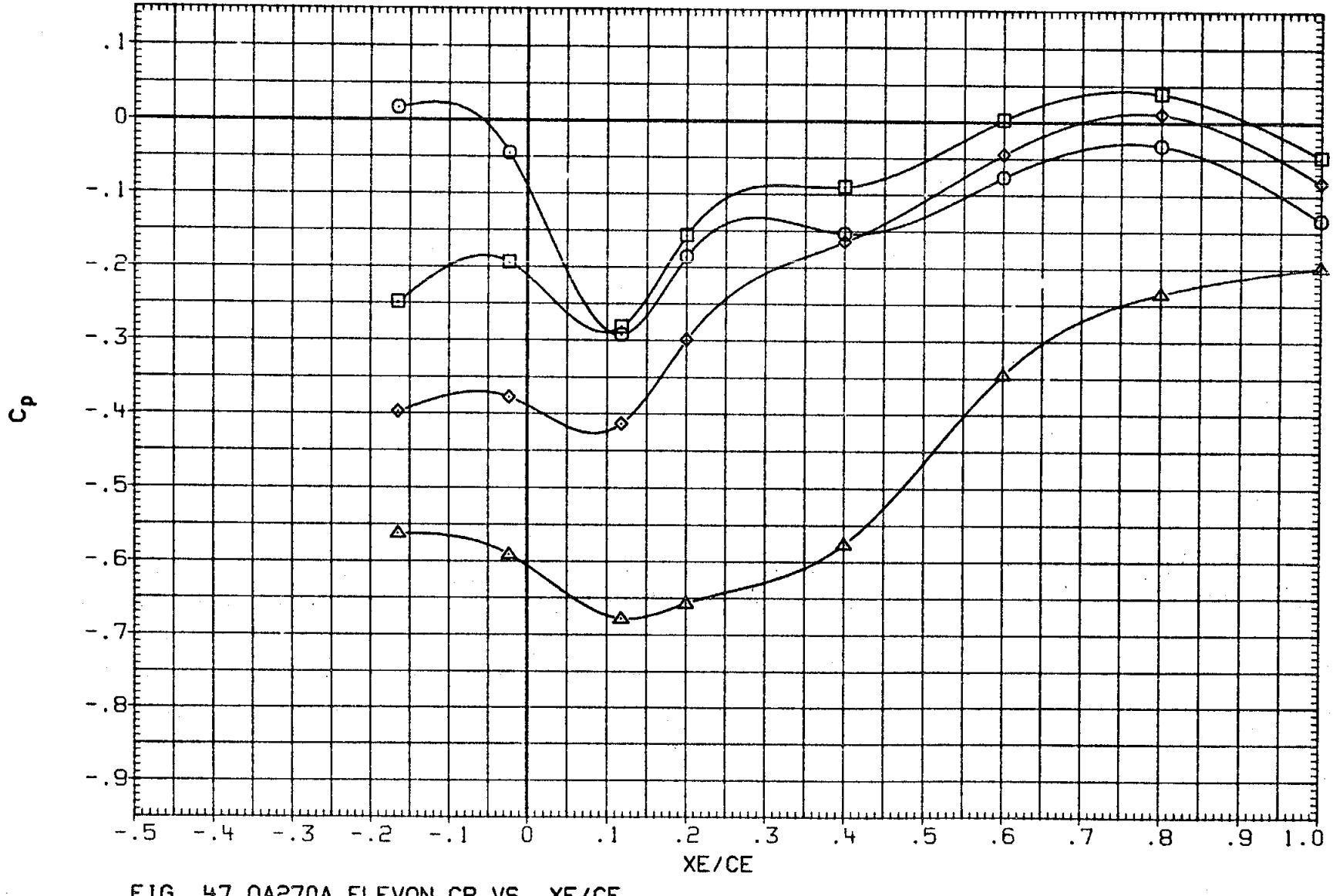


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.340	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

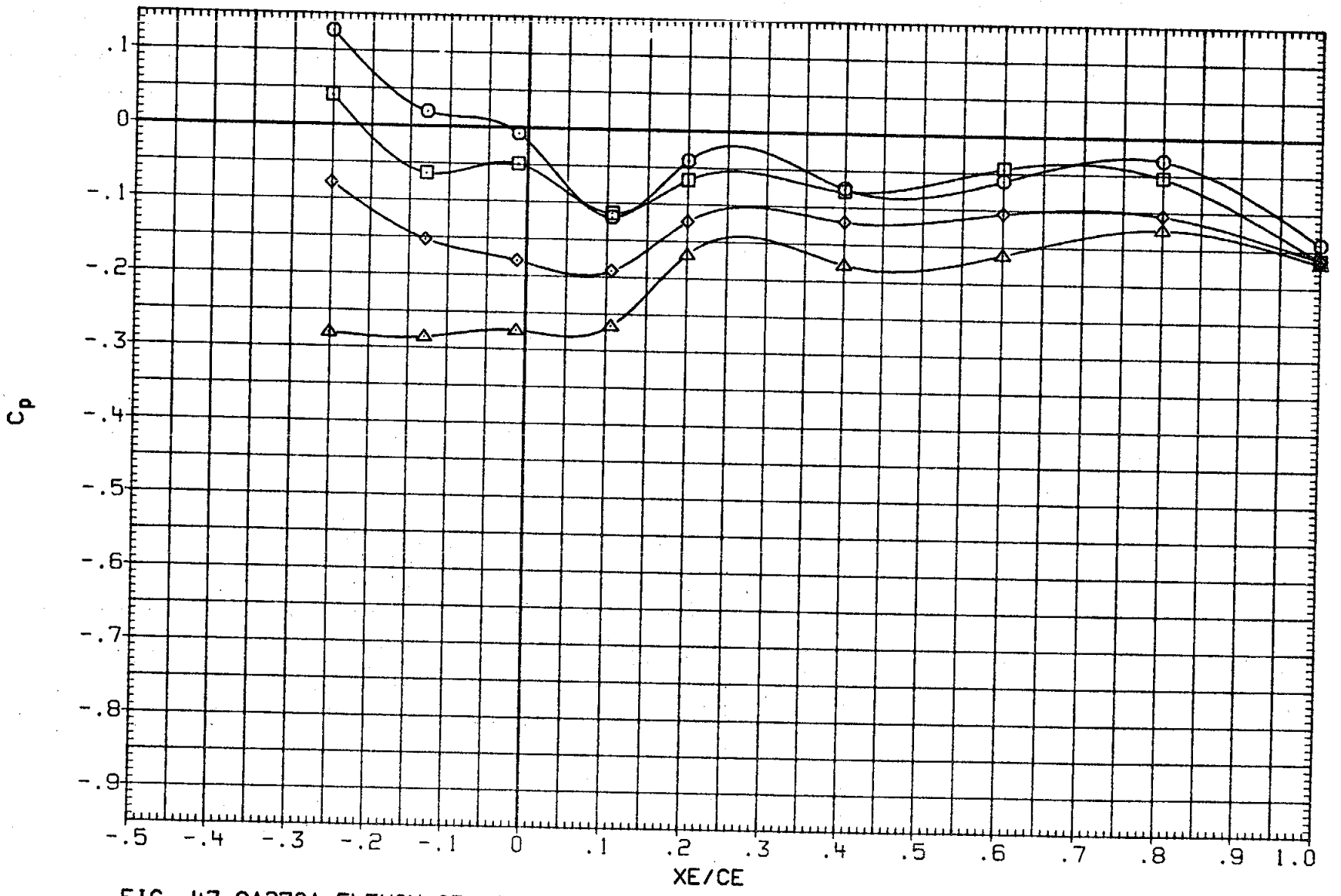


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.427	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

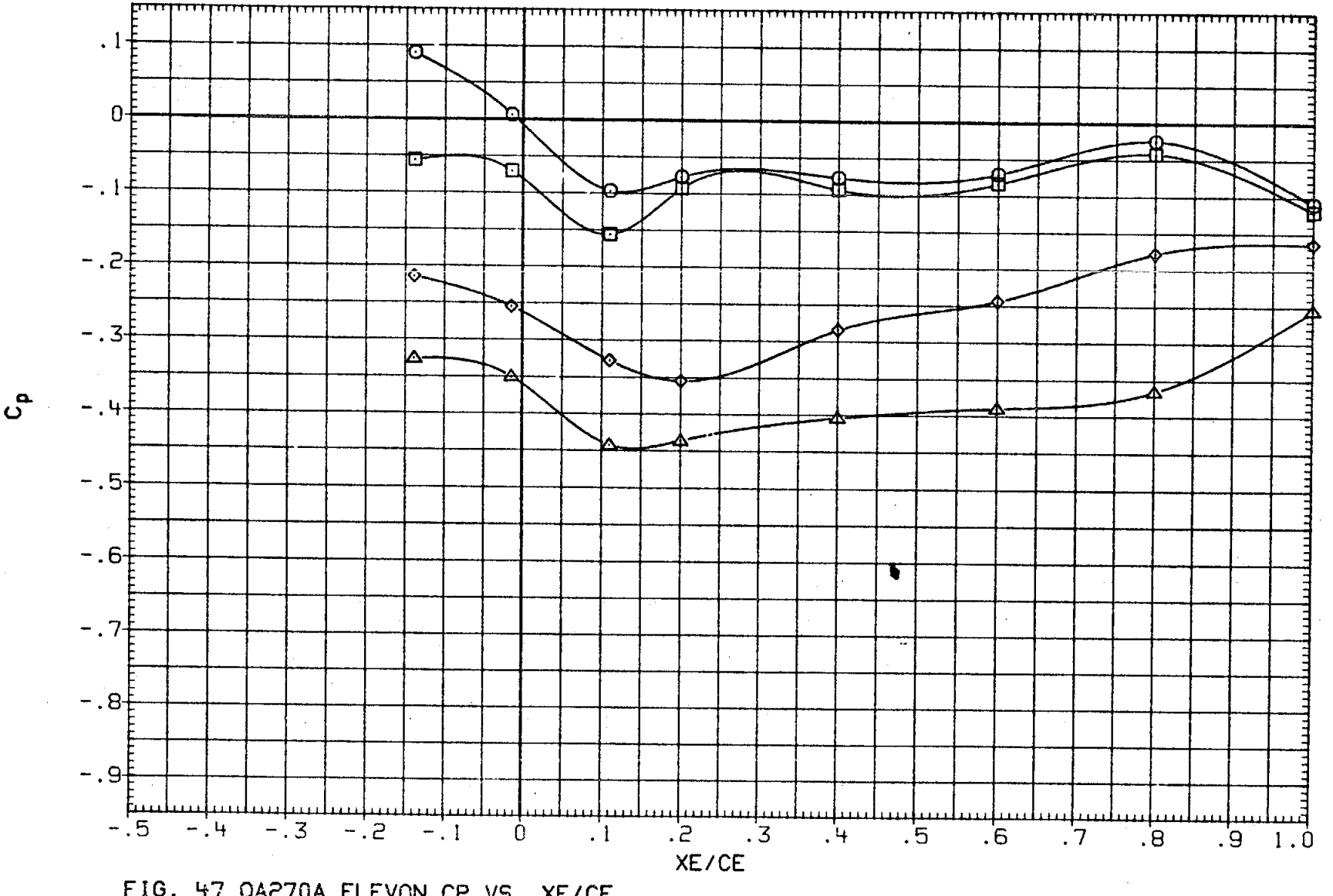


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.534	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

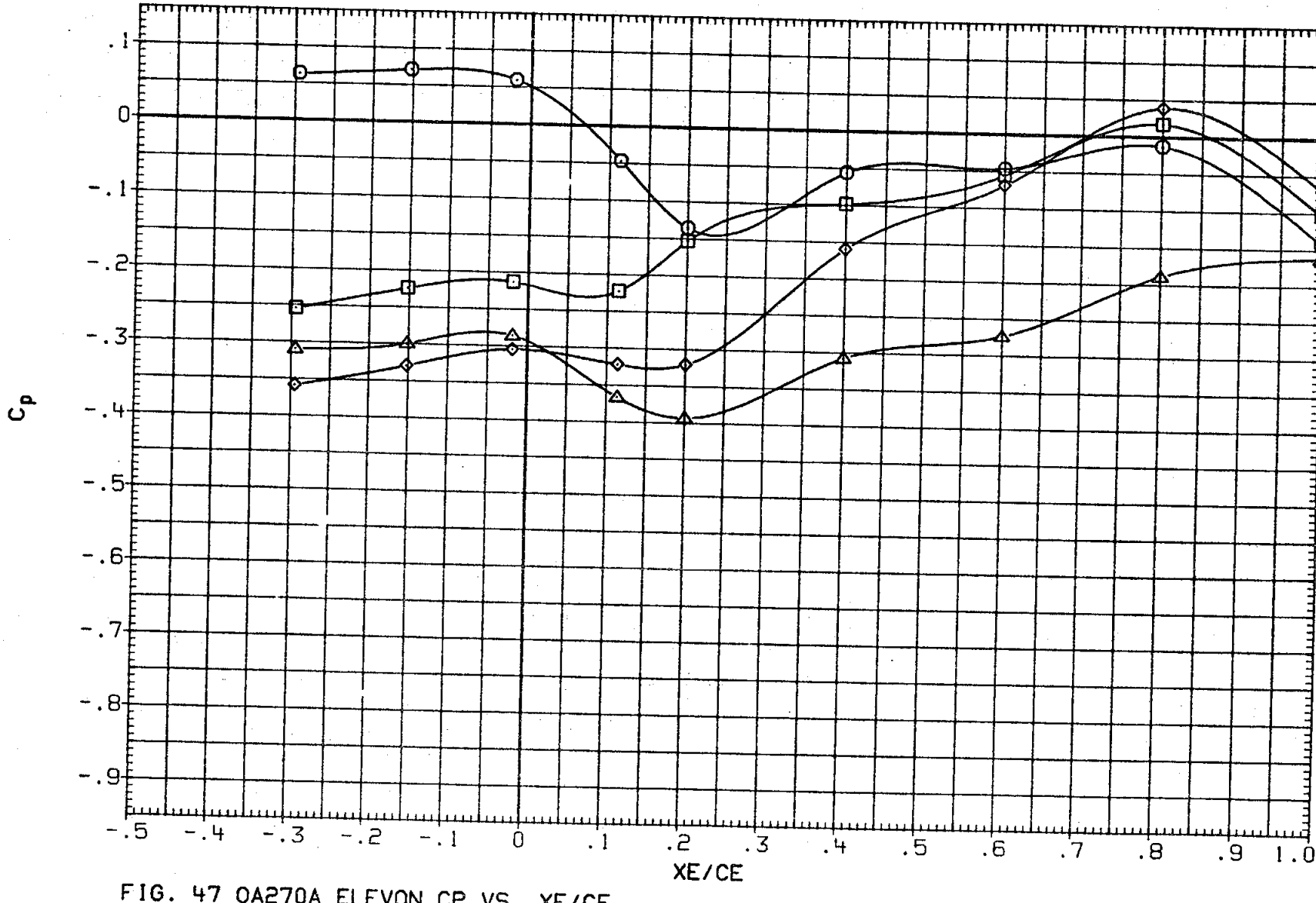


FIG. 47 0A270A ELEVON CP VS. XE/CE, INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ07) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.615	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

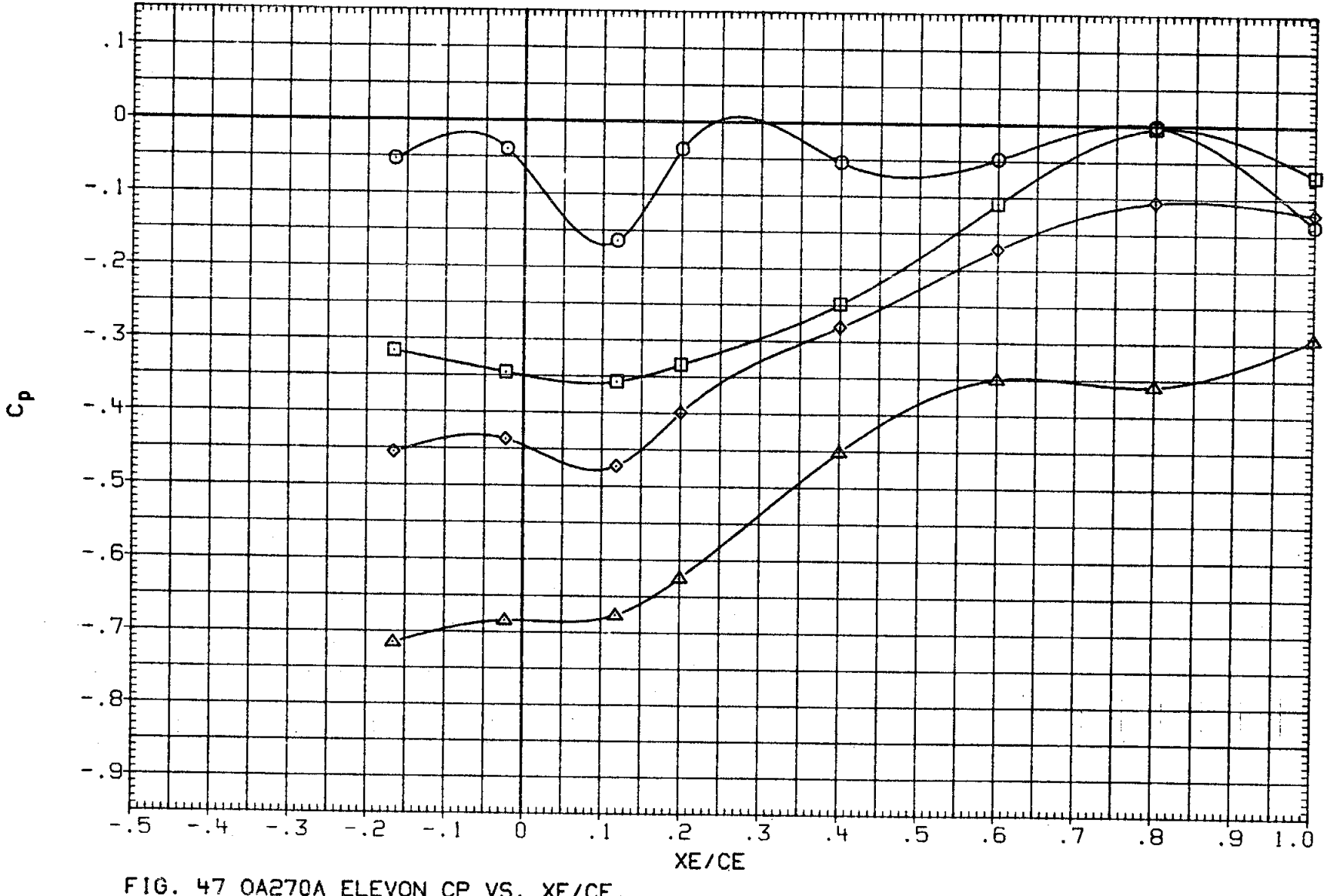


FIG. 47 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNQ33) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.340	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

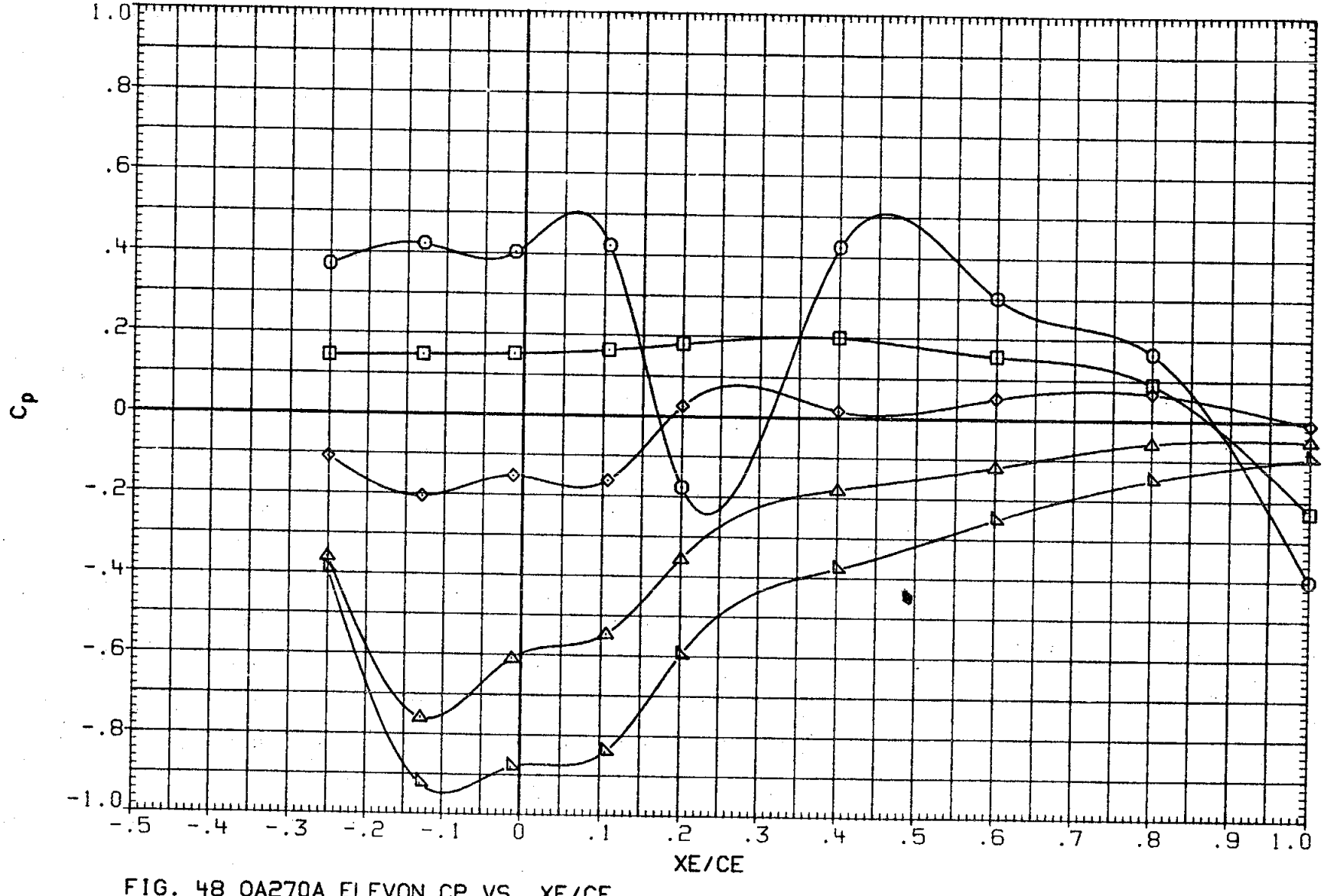


FIG. 48 0A270A ELEVON CP VS. XE/CE, INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNQ33) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ELEVON	2Y/BN	MACH
○	-20.035	.427	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

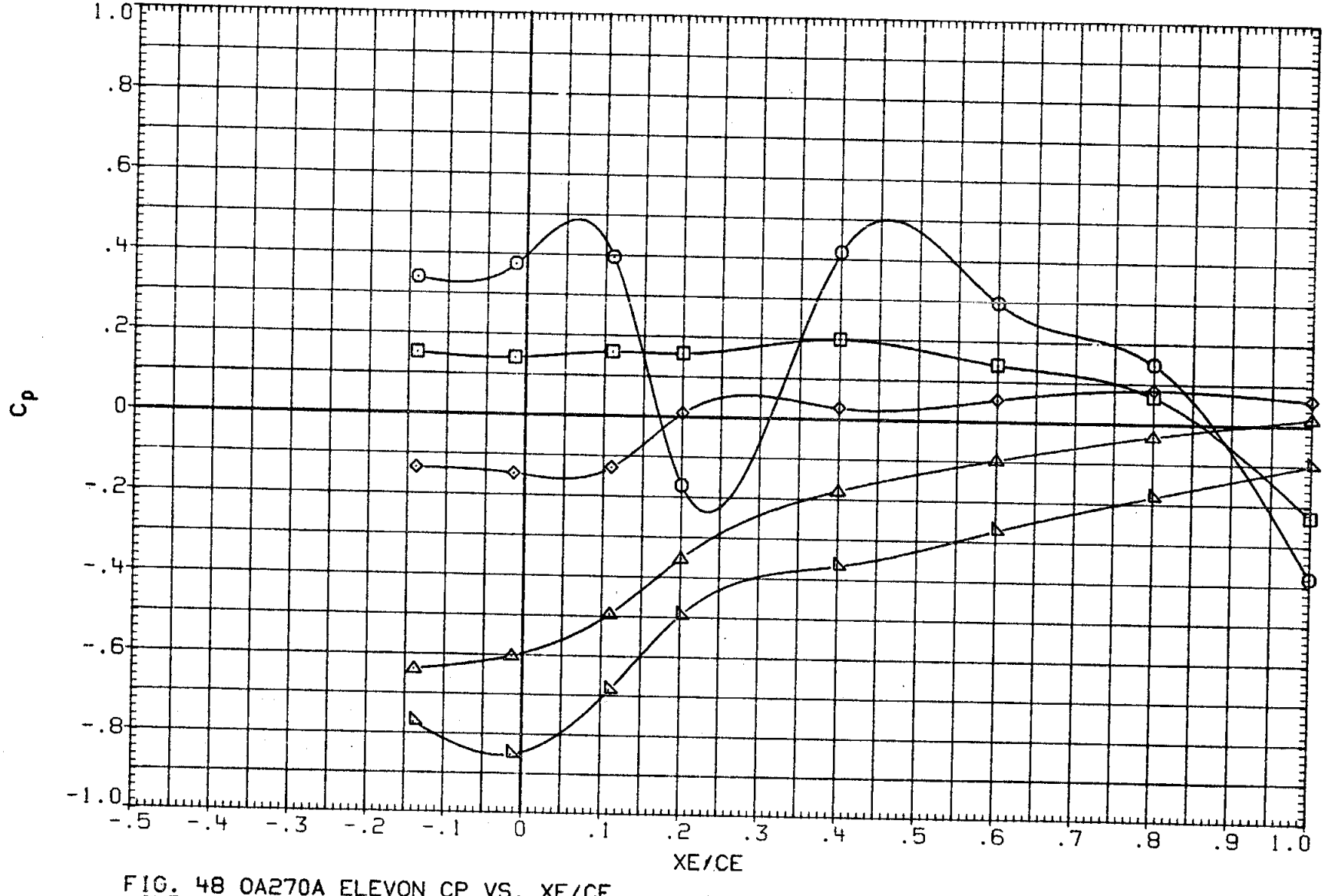


FIG. 48 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNQ33) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.534	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

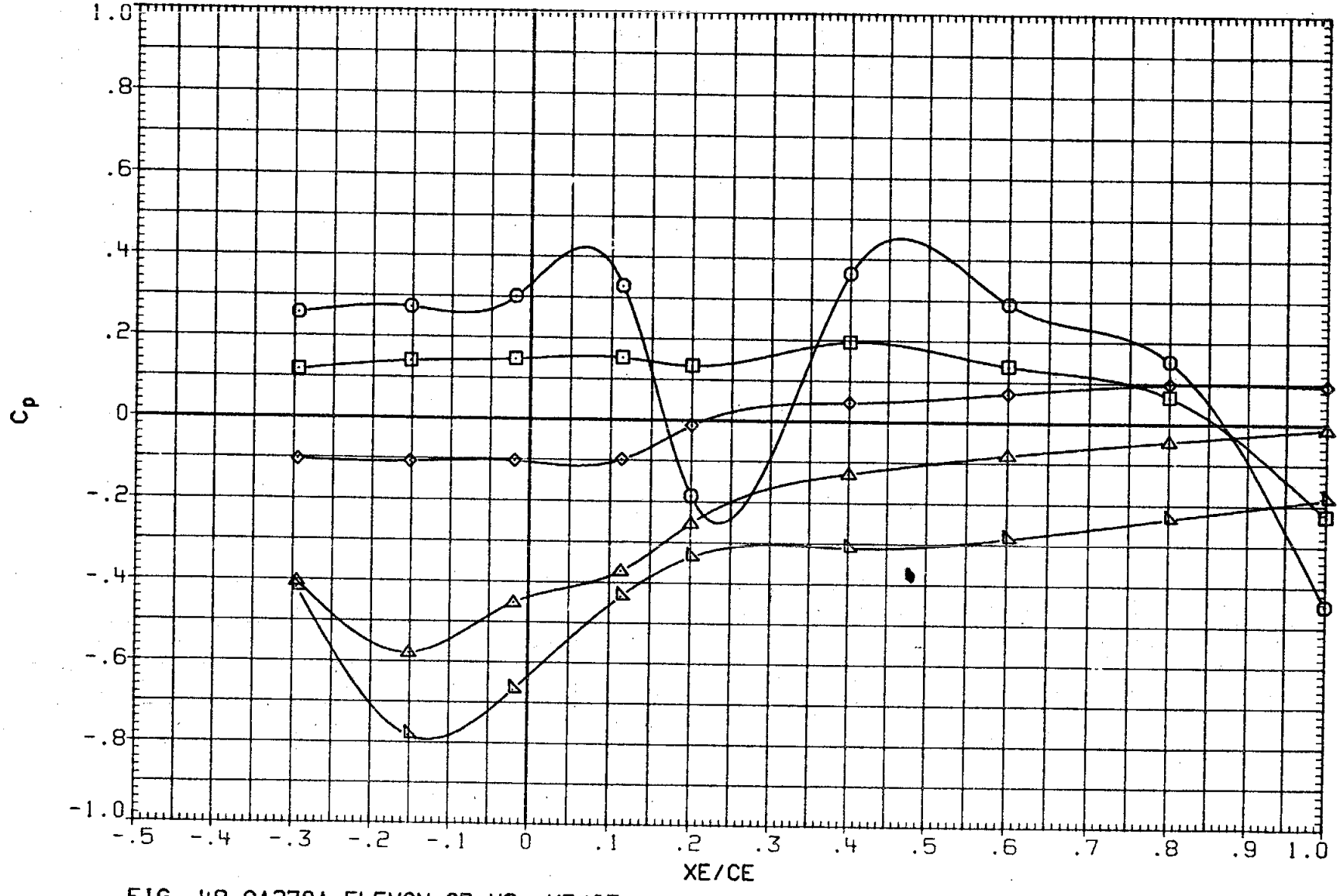


FIG. 48 0A270A ELEVON CP VS. XE/CE, INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNQ33) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.615	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

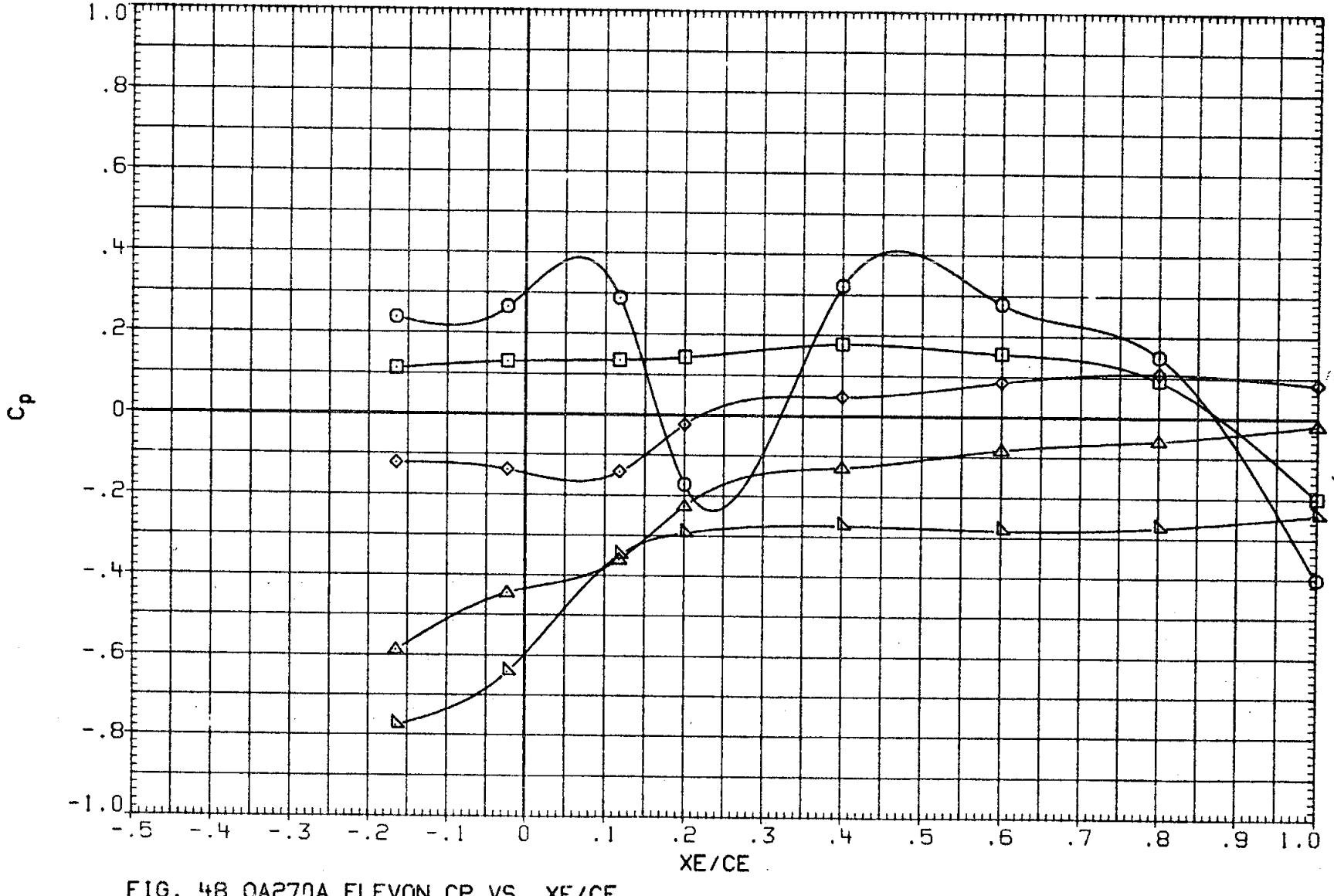


FIG. 48 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

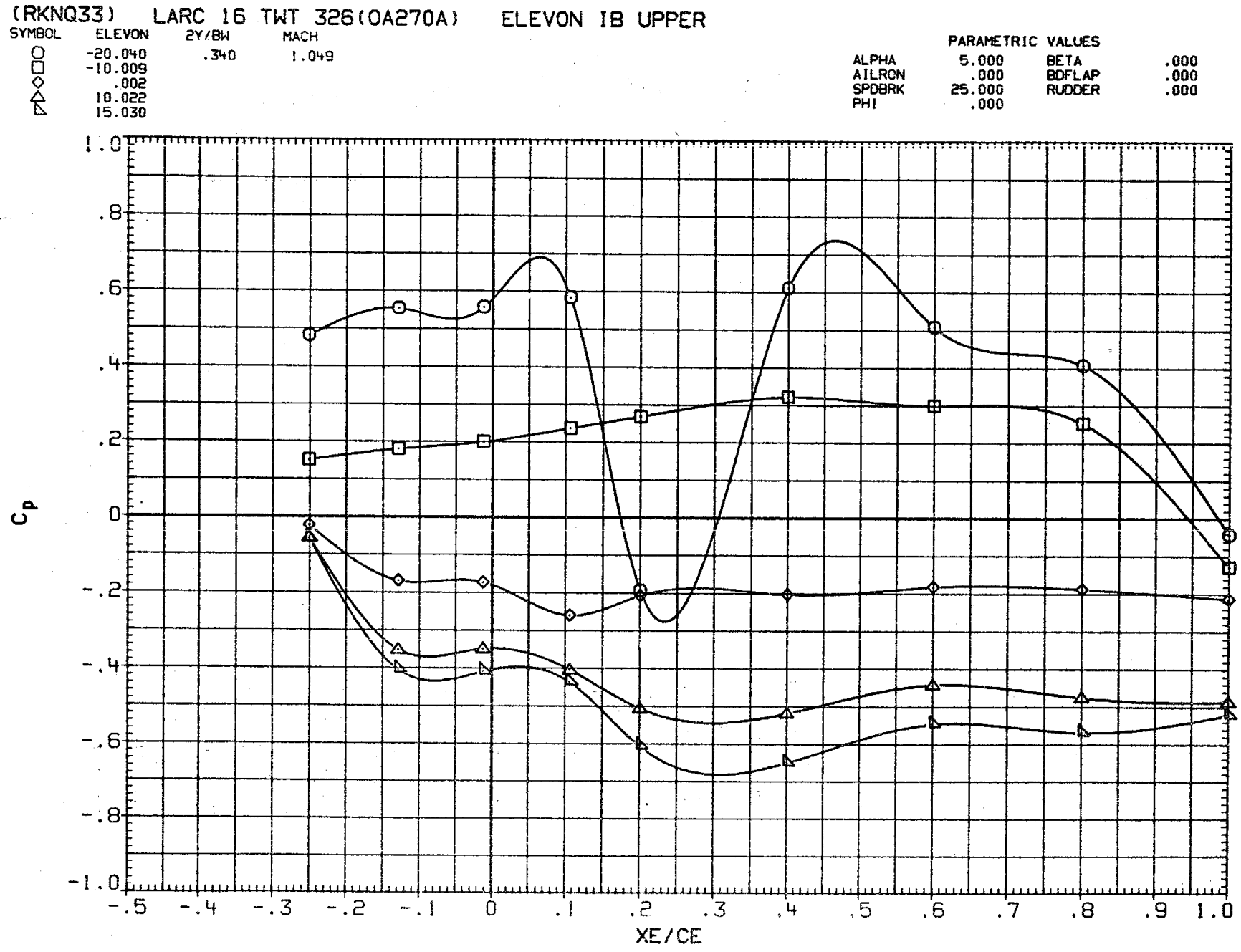


FIG. 48 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNQ33) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.427	1.049
□	-10.009		
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

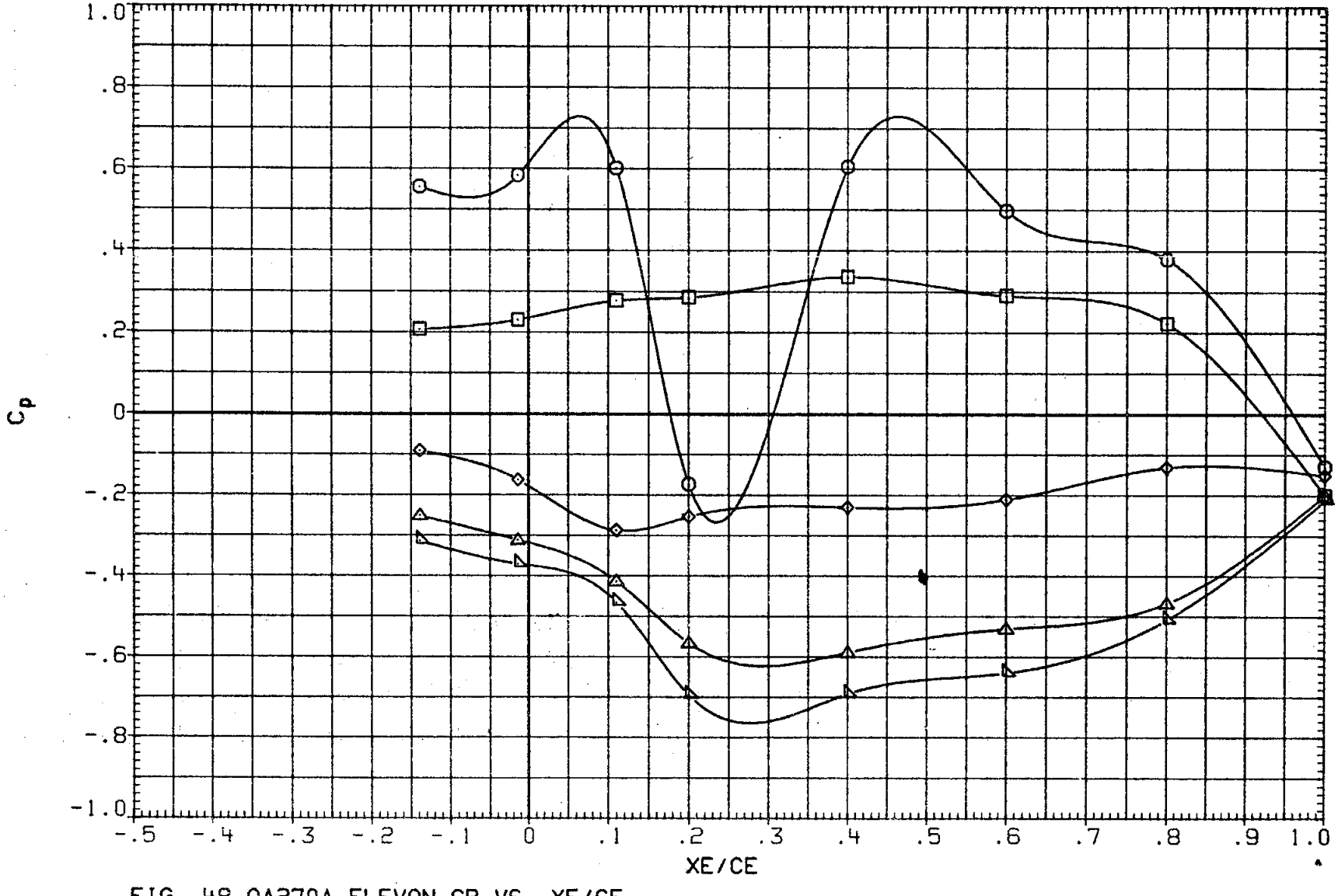


FIG. 48 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

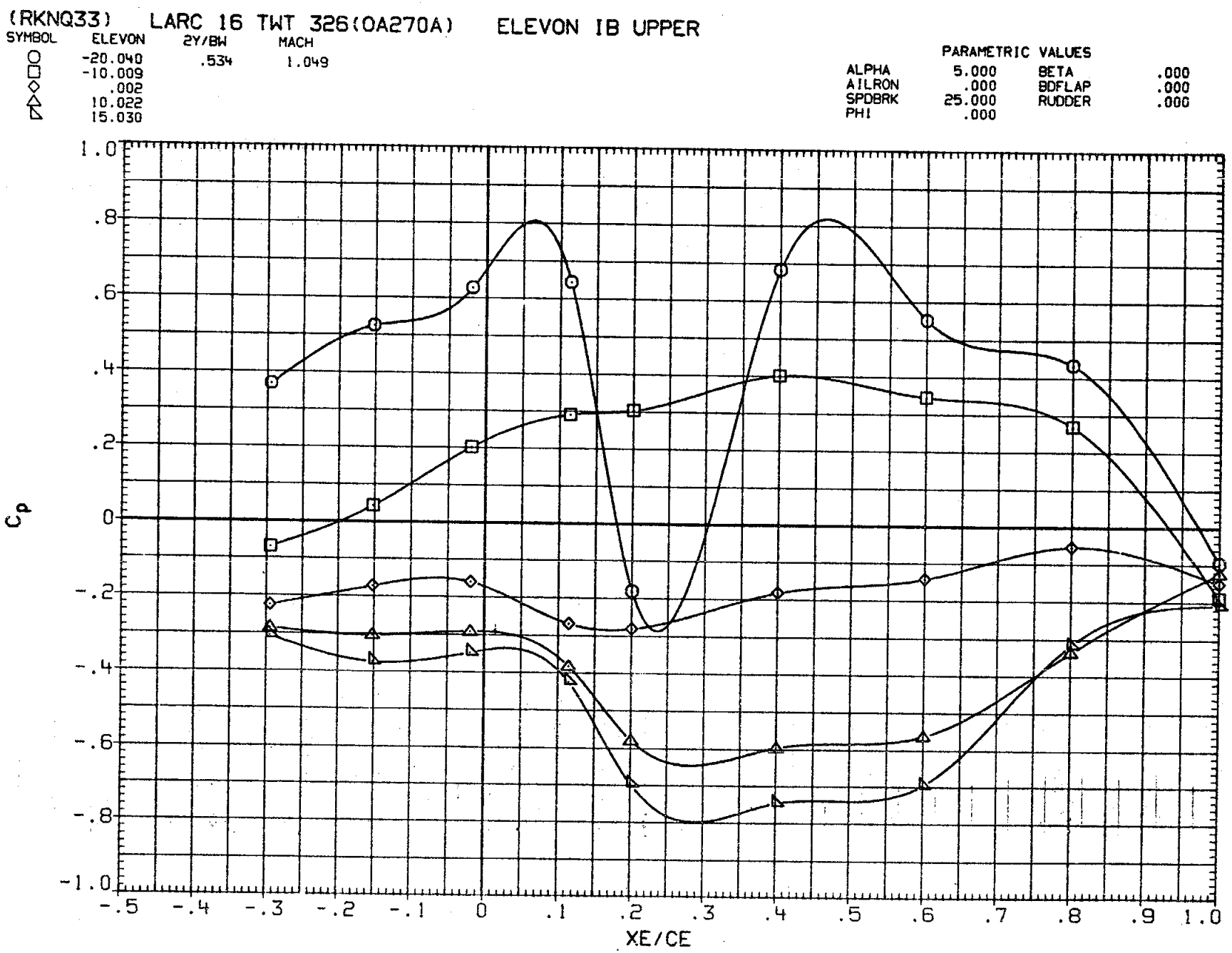


FIG. 48 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNQ33) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.615	1.049
□	-10.009		
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

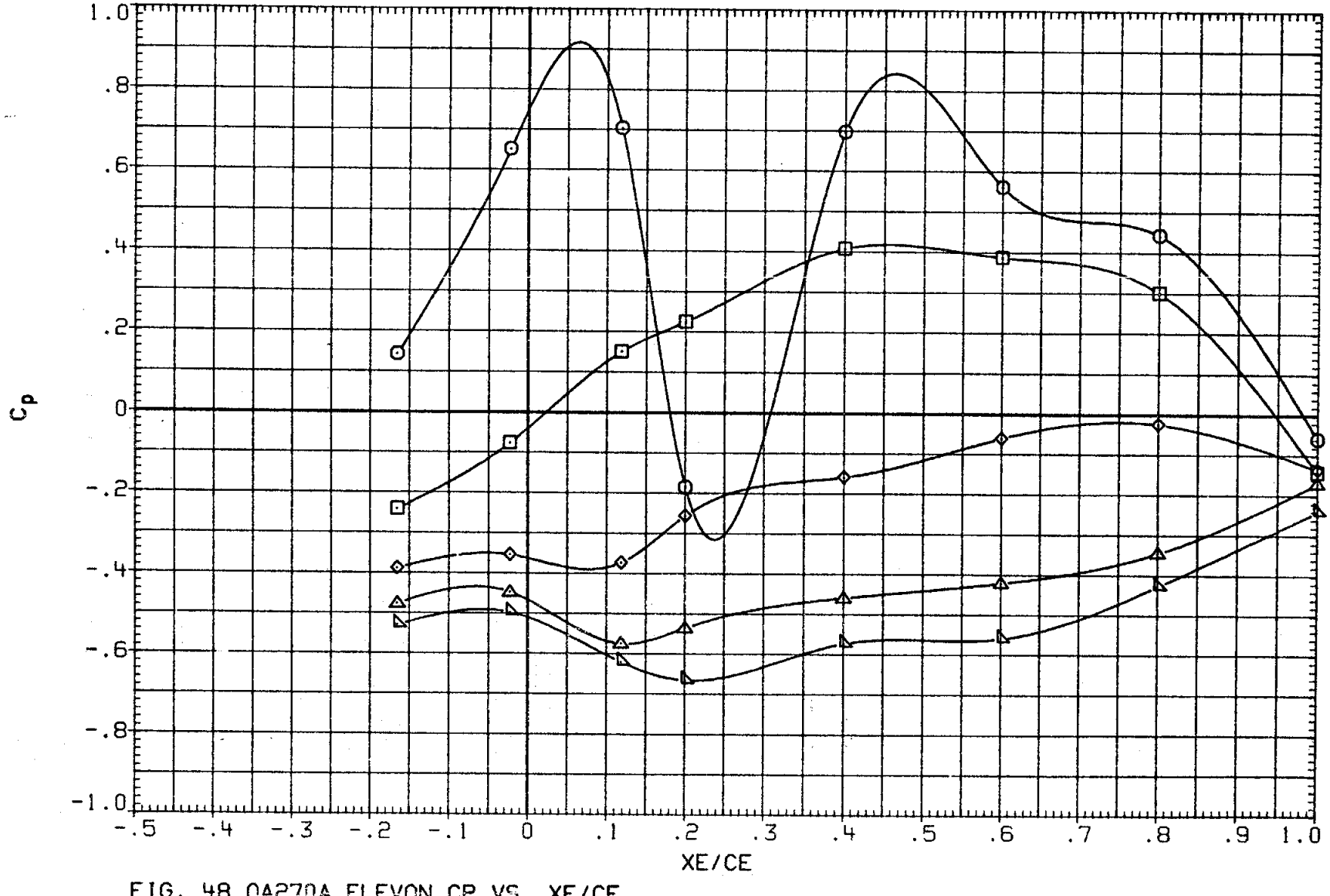


FIG. 48 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.340	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

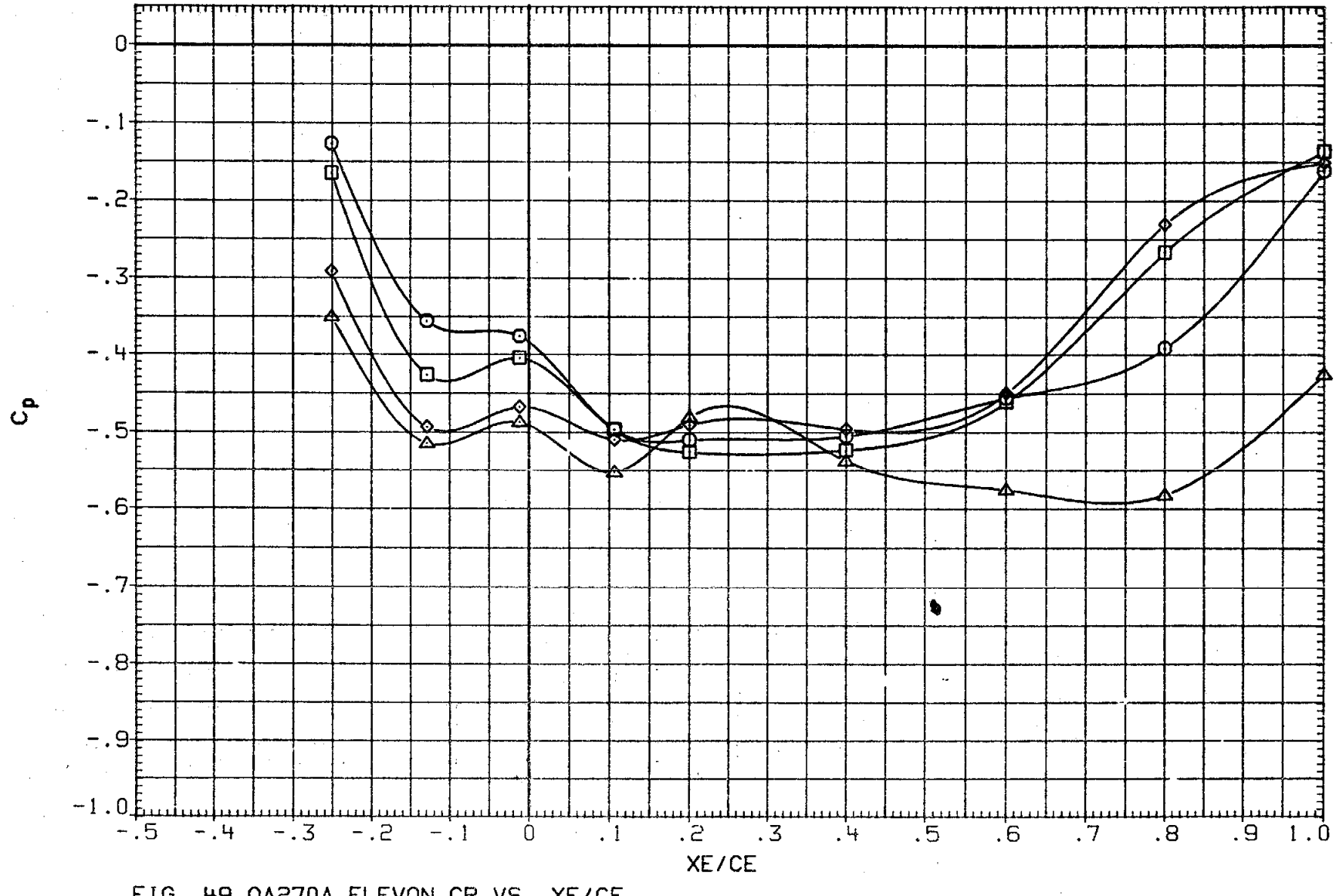


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON 1B UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.427	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

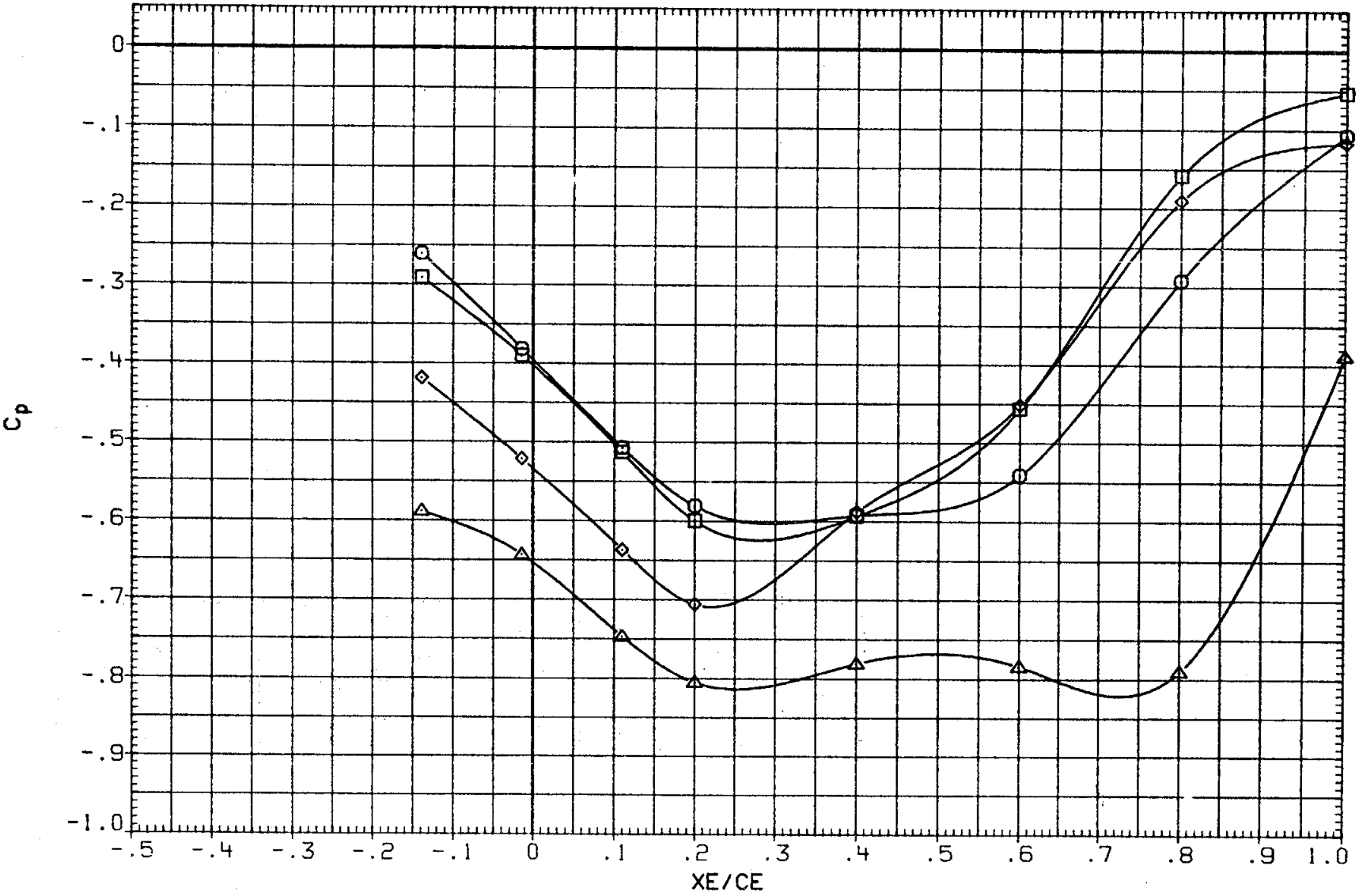


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON 1B UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.534	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

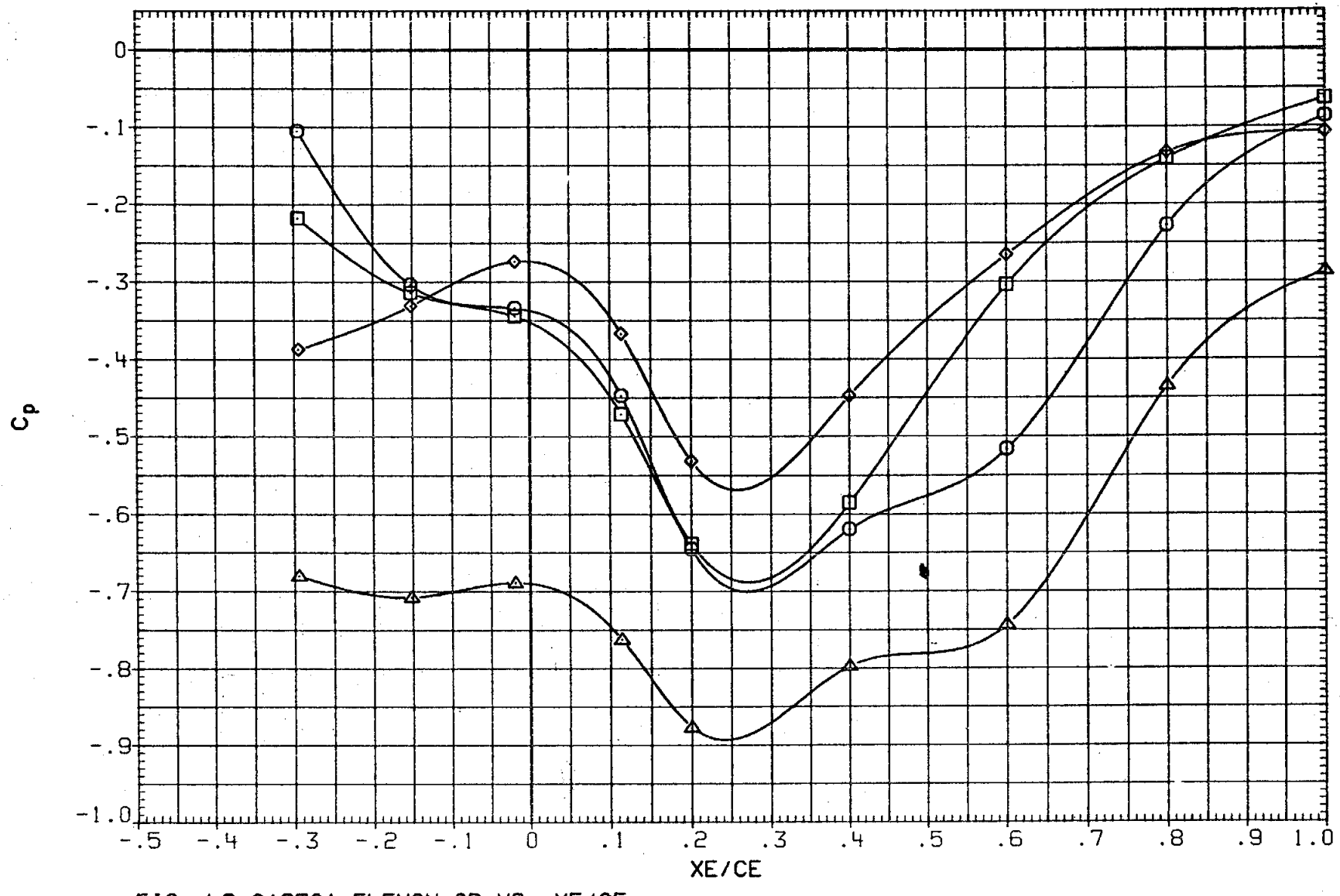


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.615	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

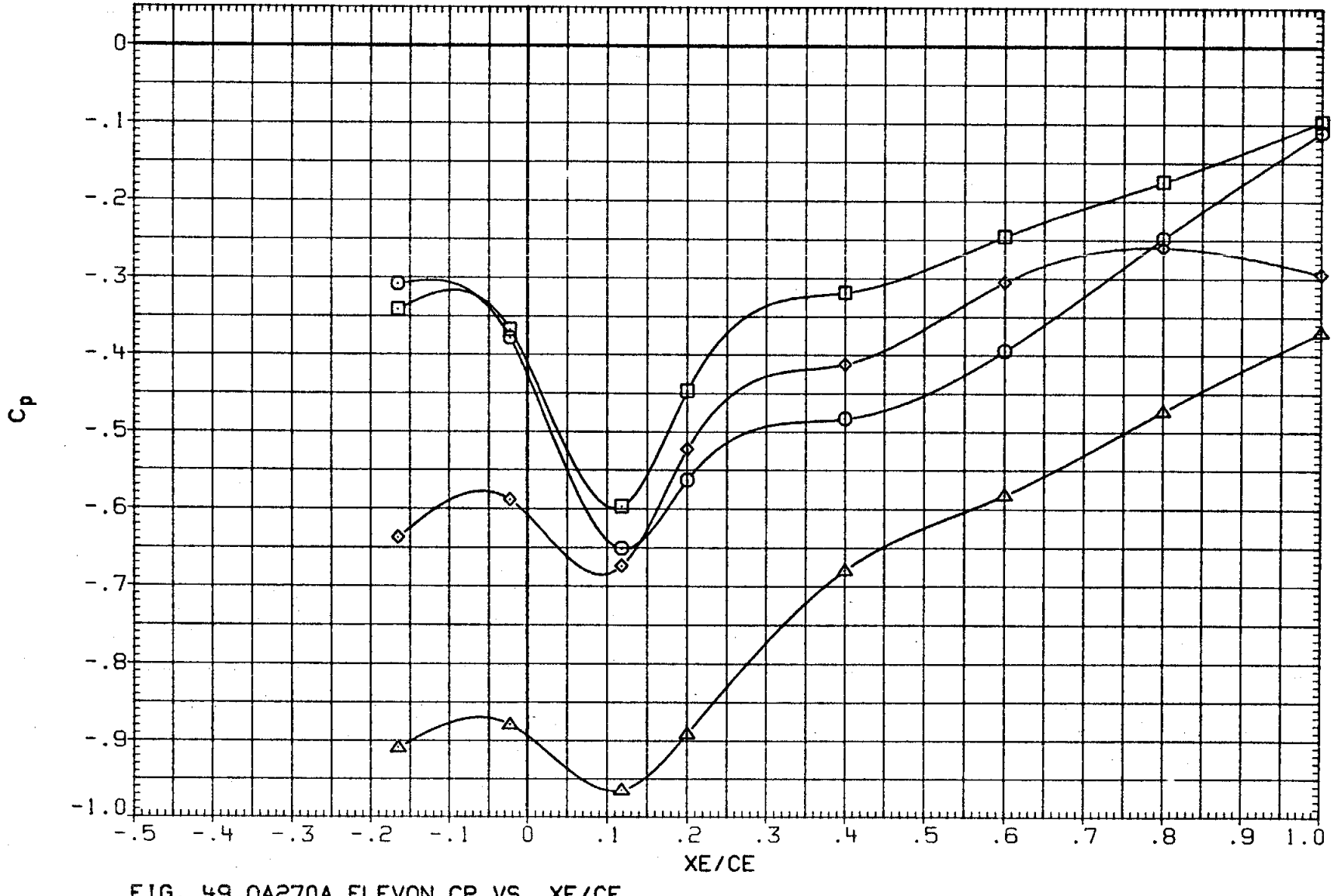


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.340	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

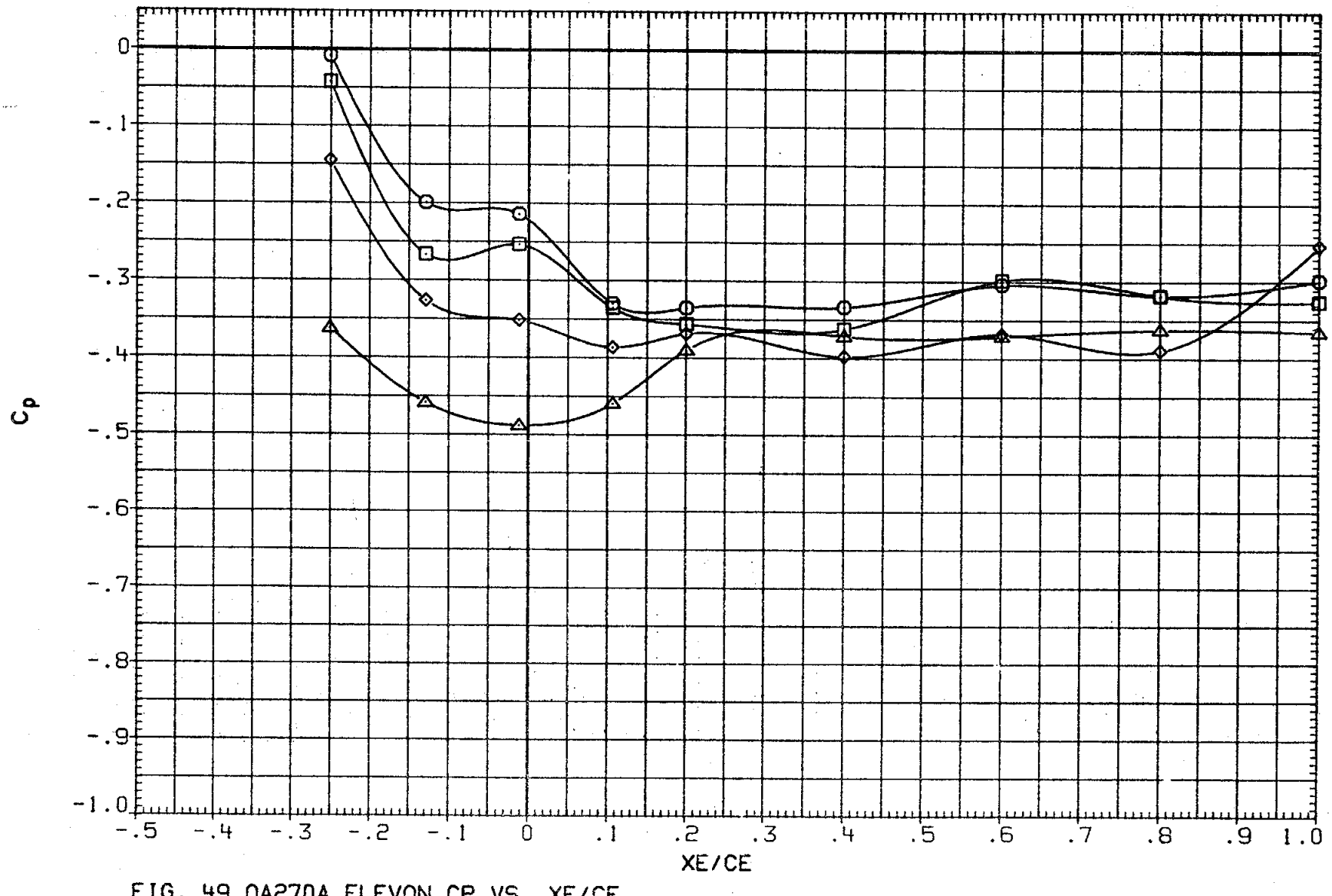


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.427	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

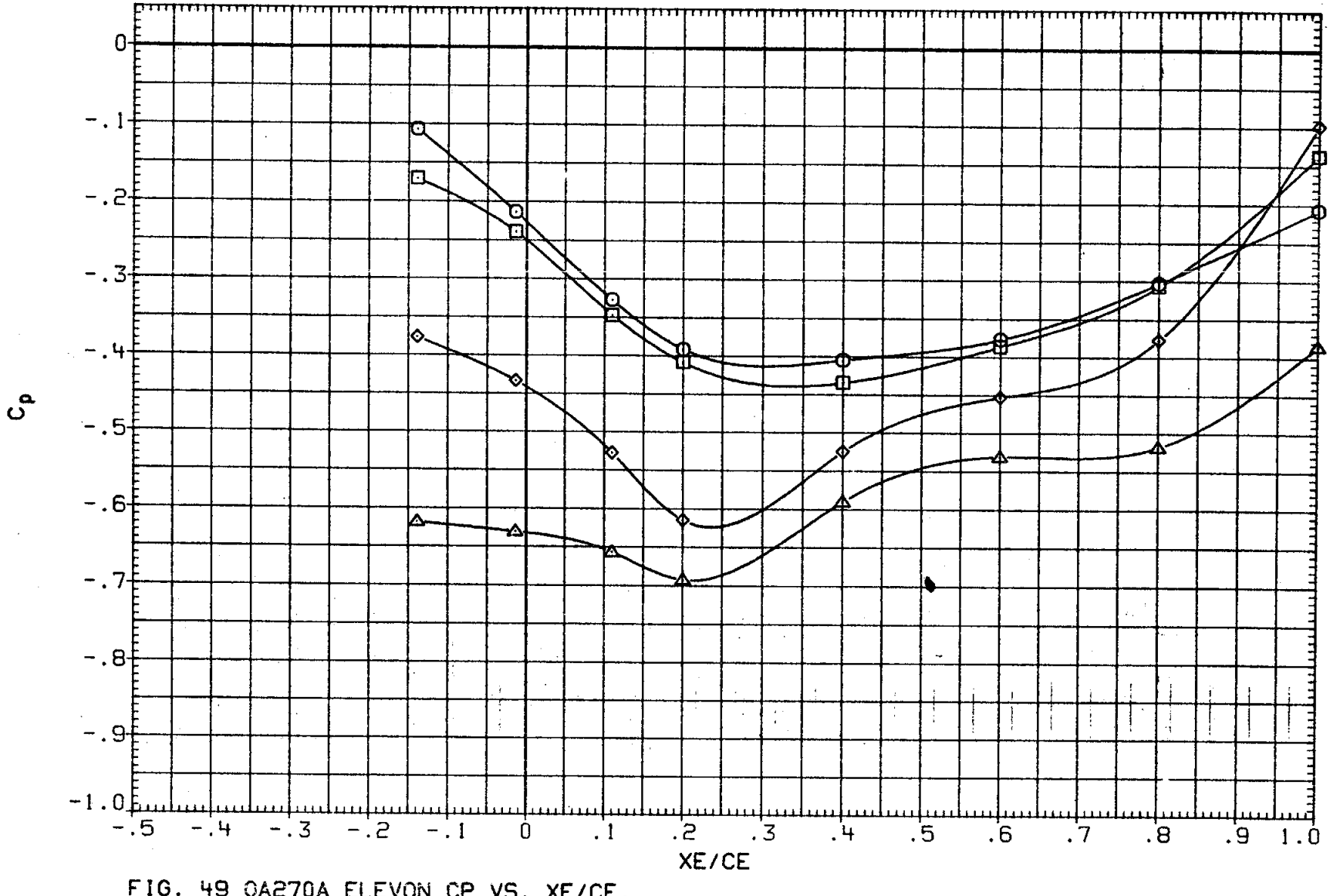


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.534	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

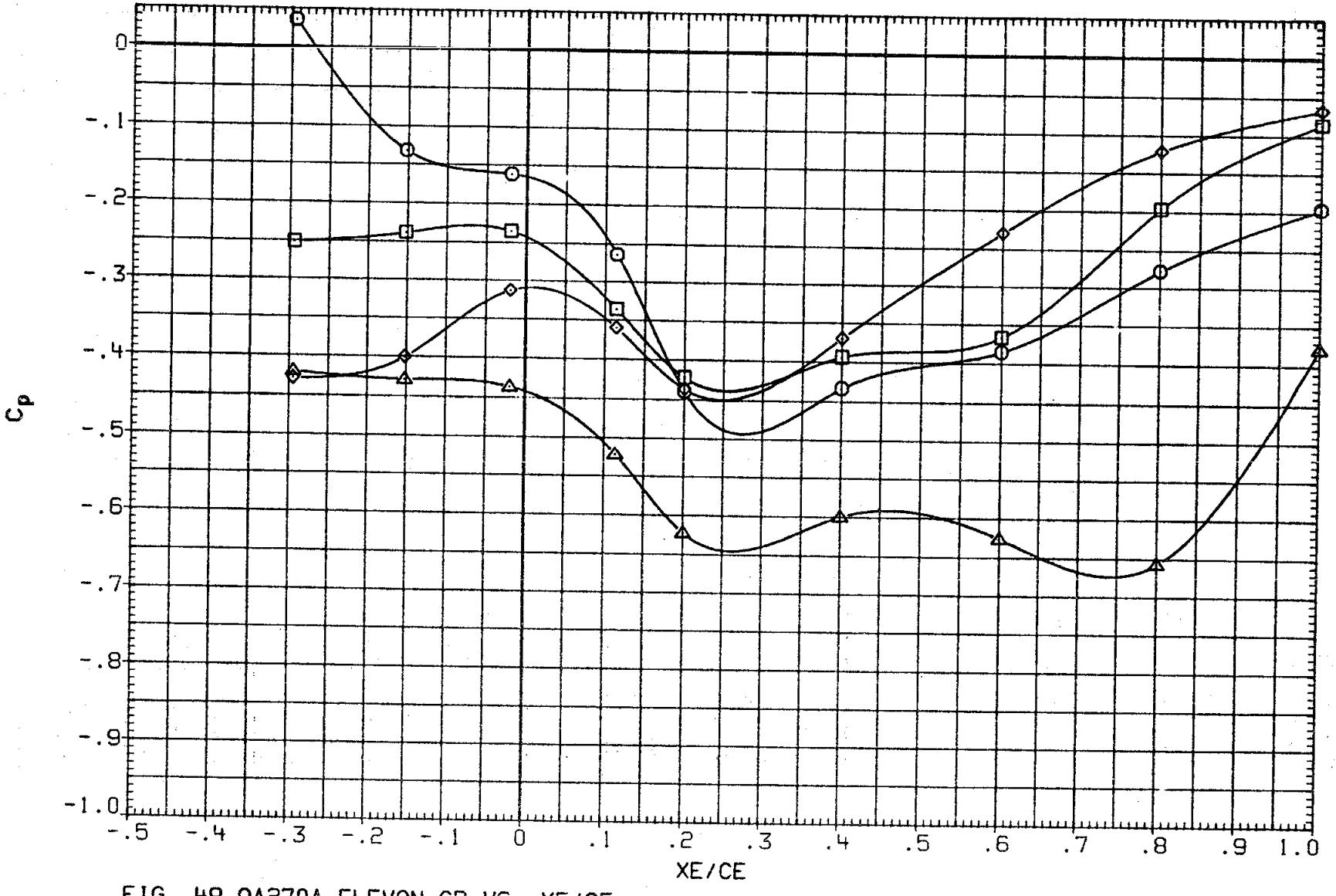


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ11) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.615	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

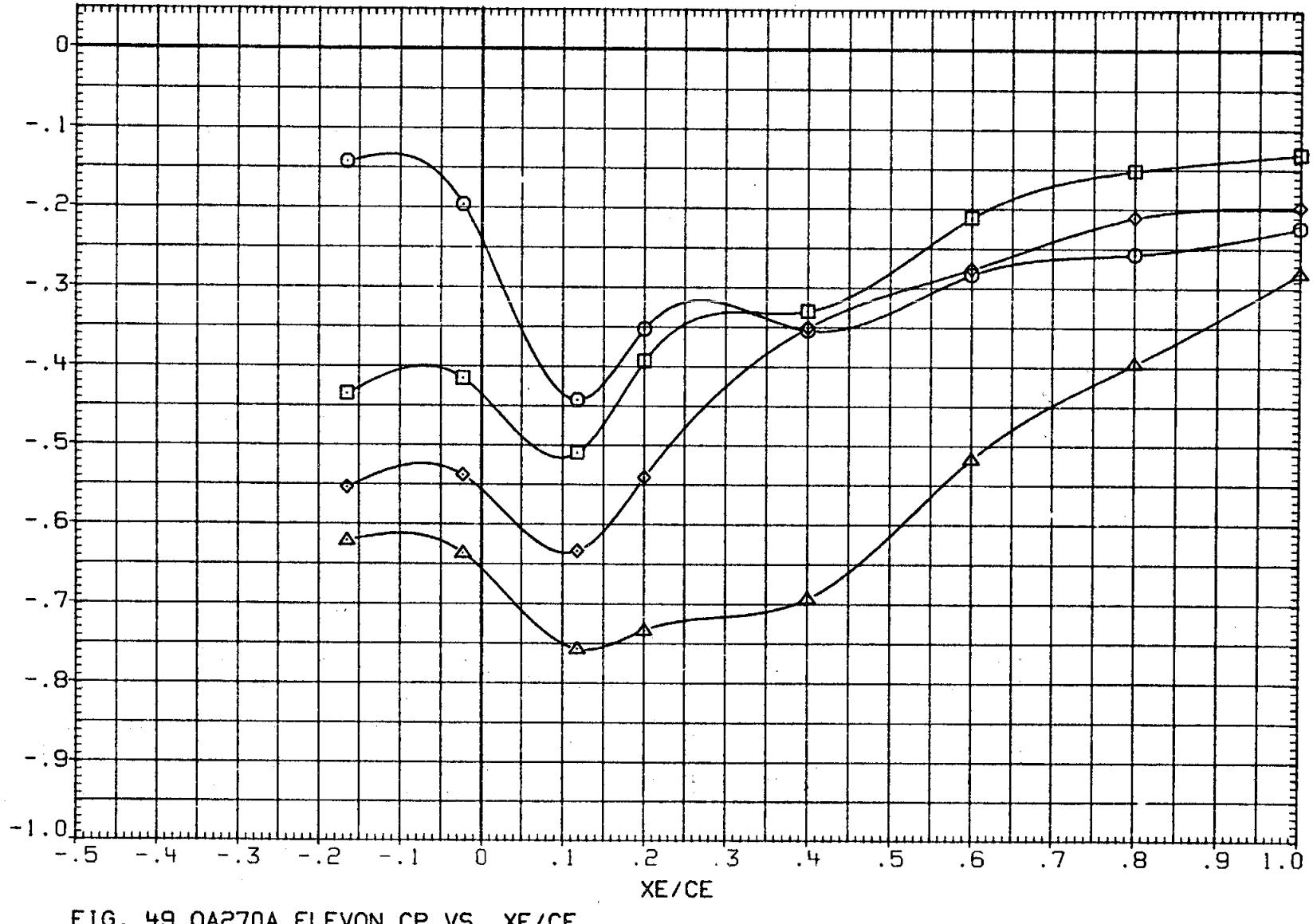


FIG. 49 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.340	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

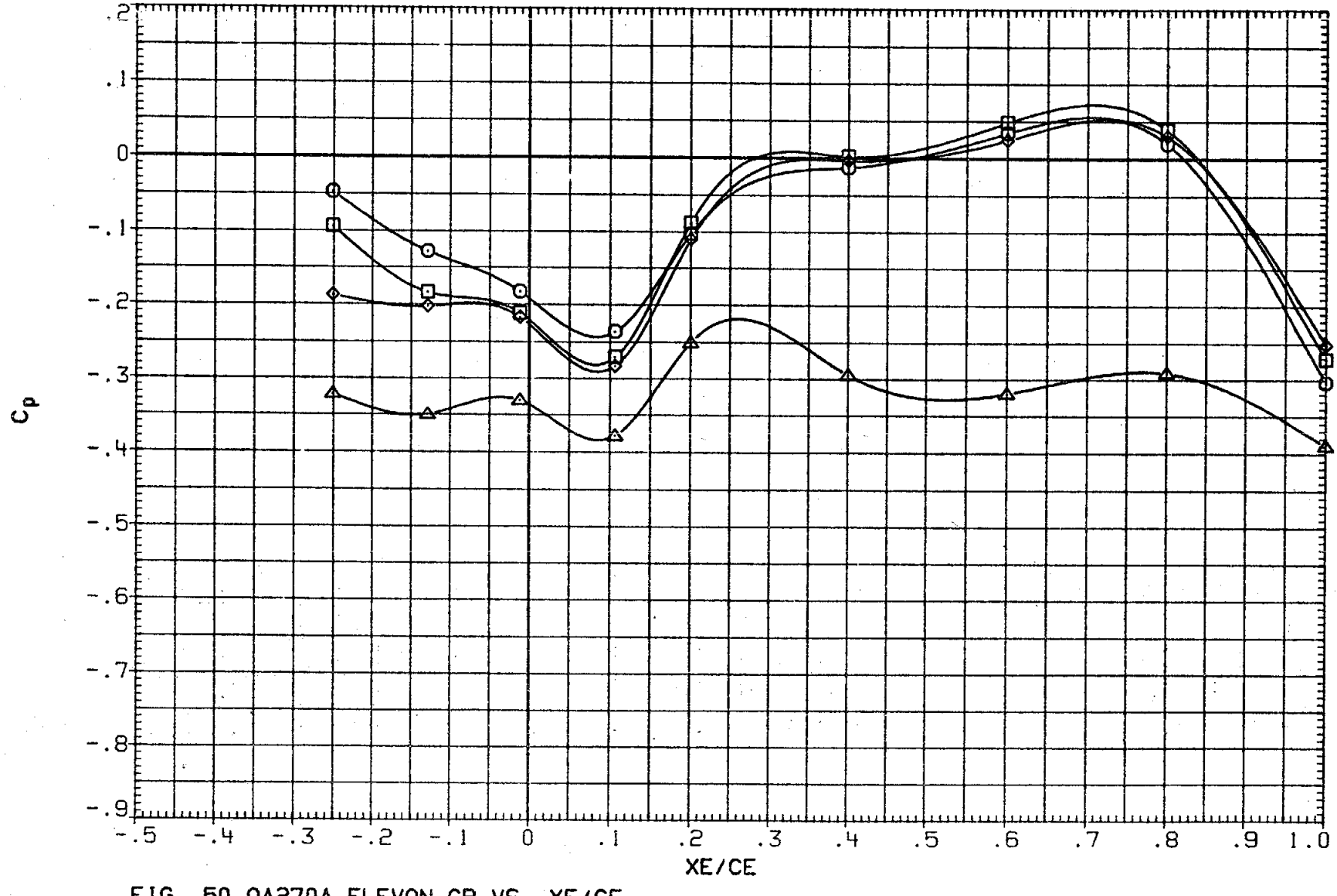


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.427	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

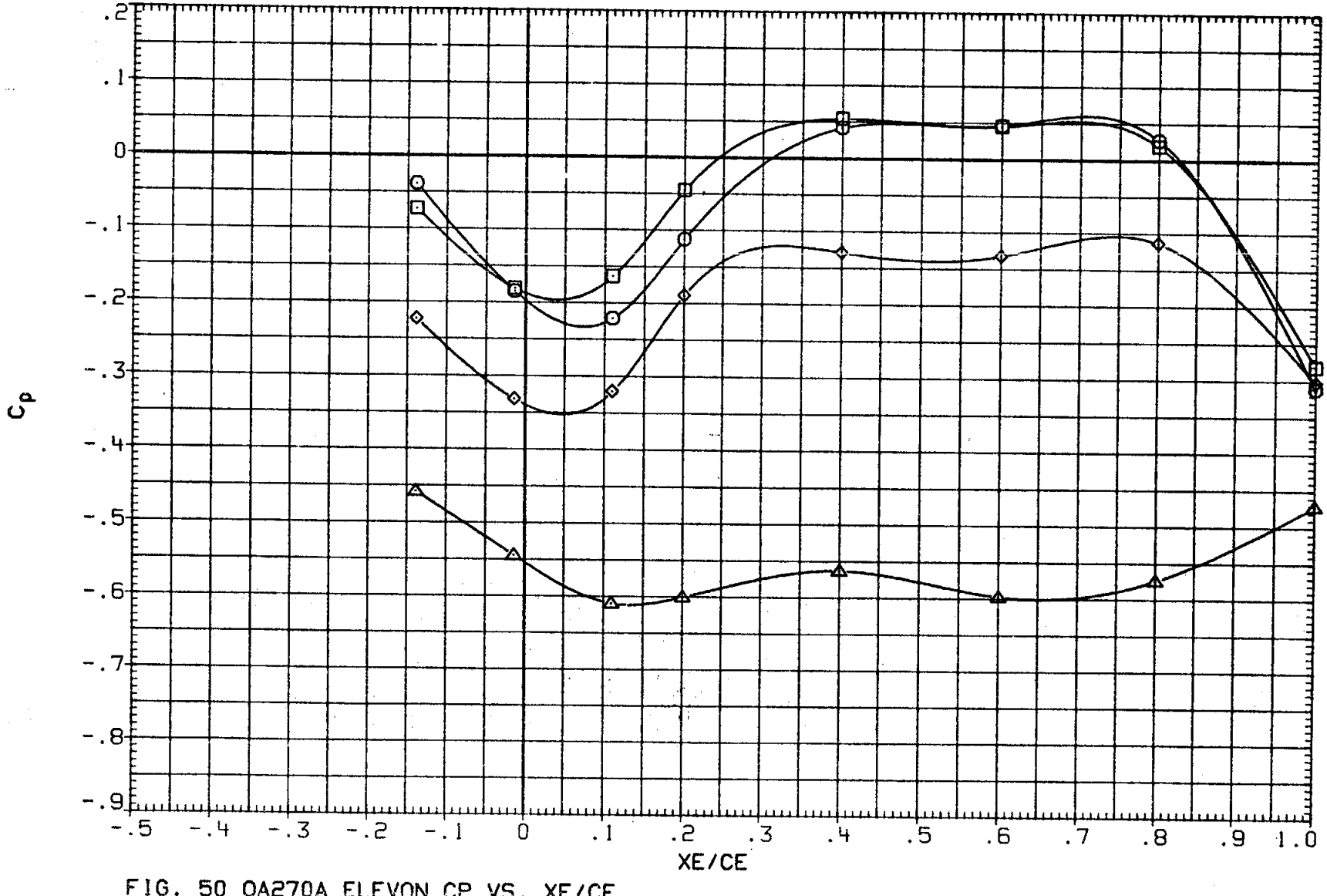


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.534	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

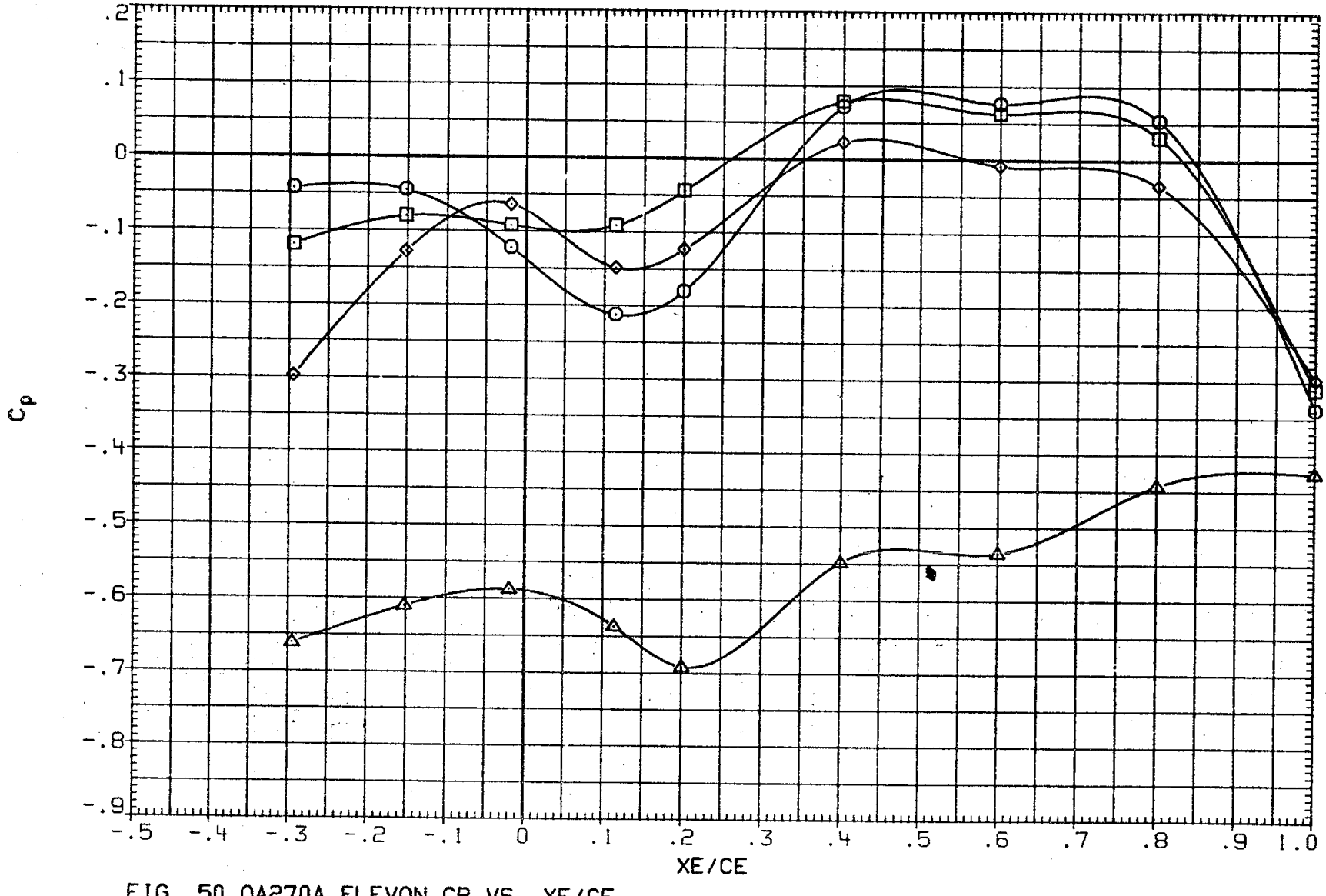


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.615	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

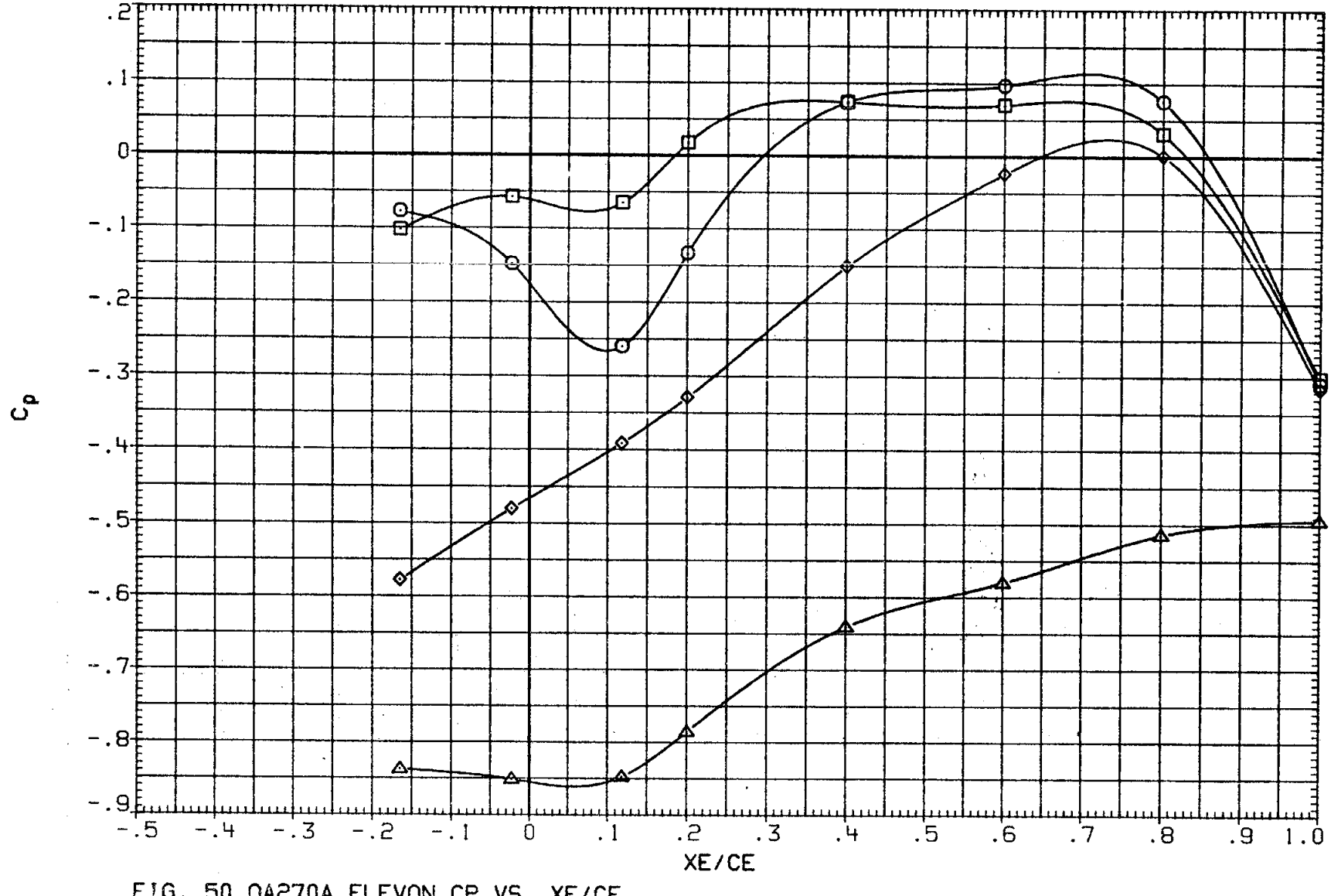


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.340	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	3DFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

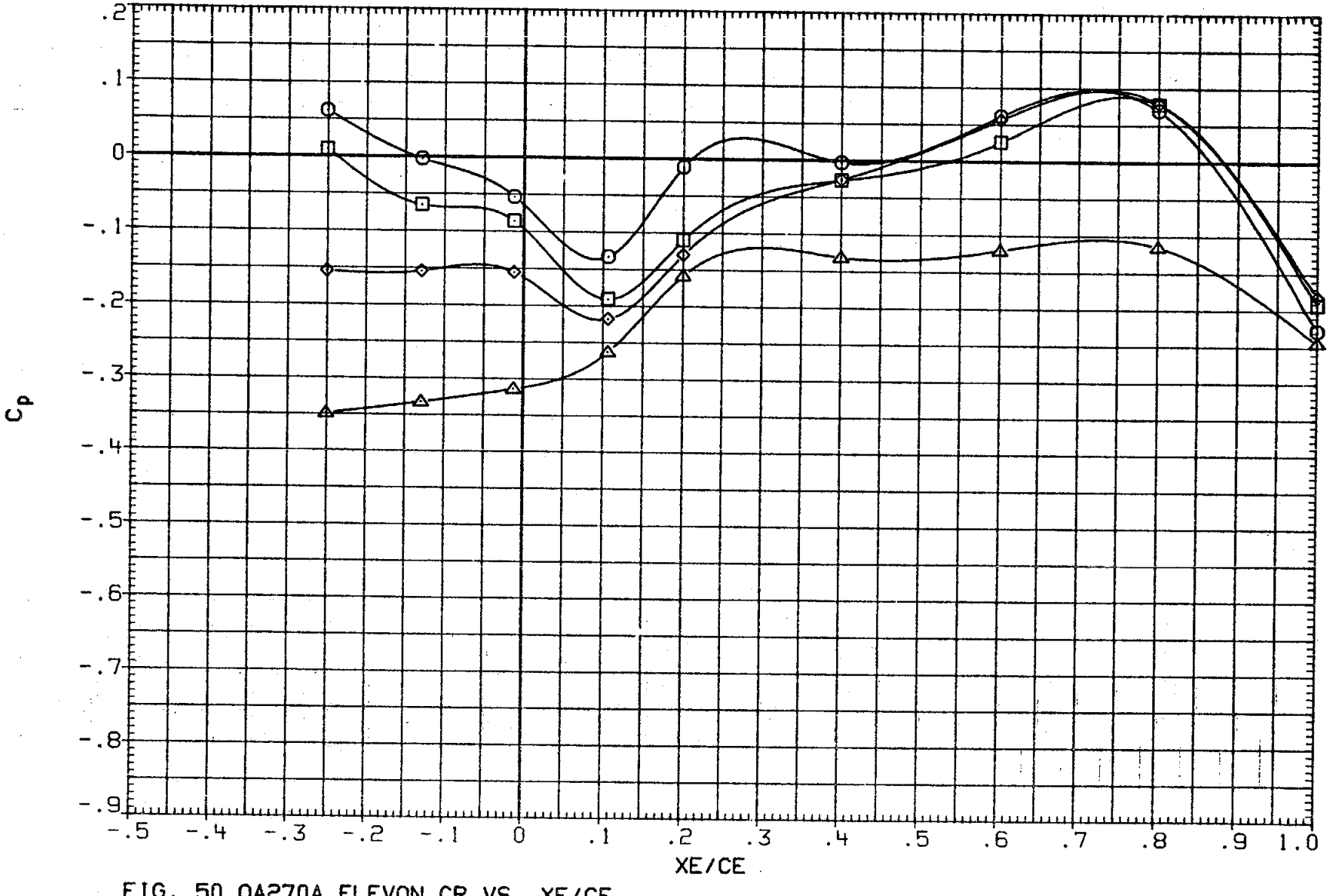


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.427	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

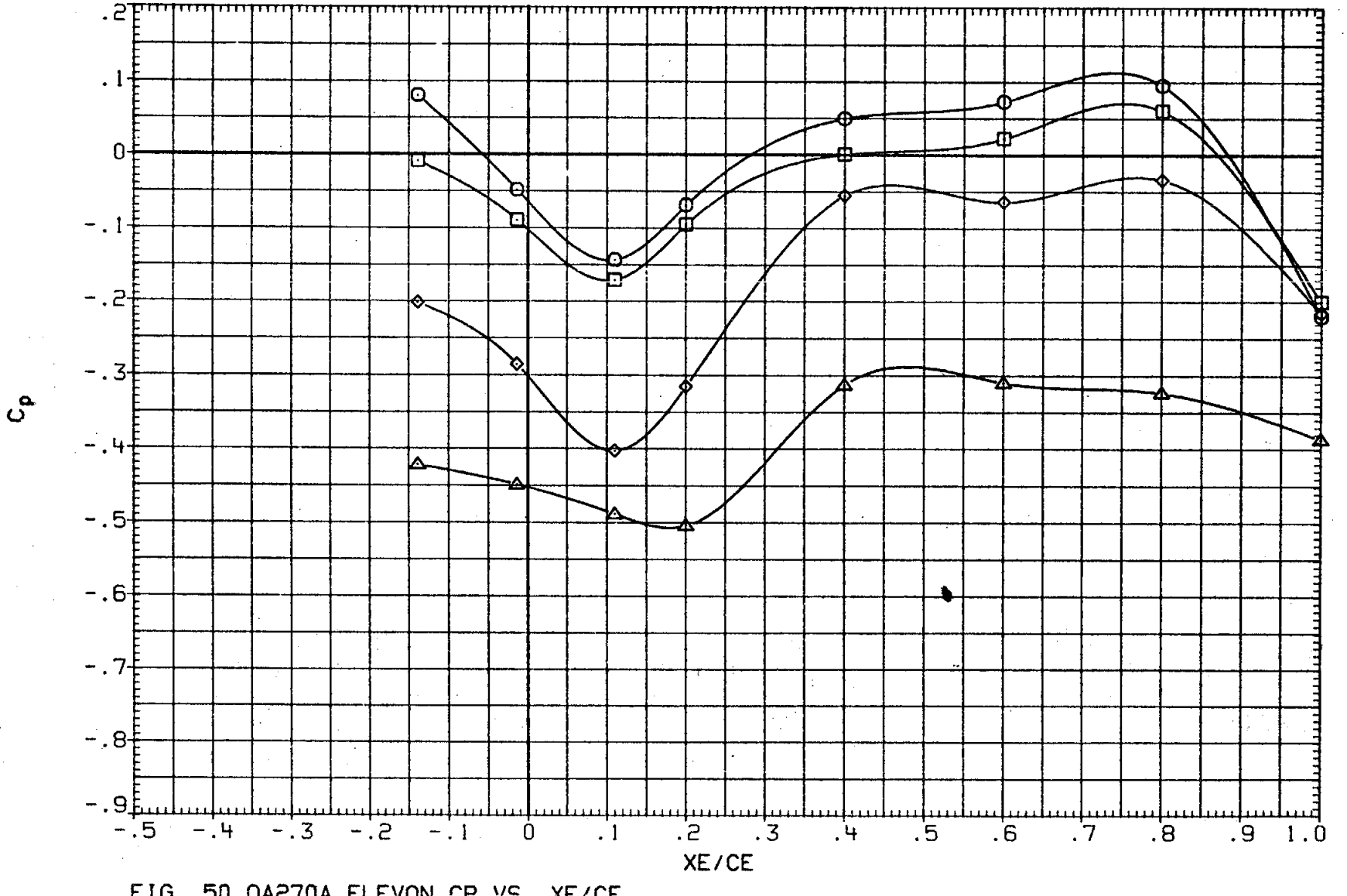


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.534	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

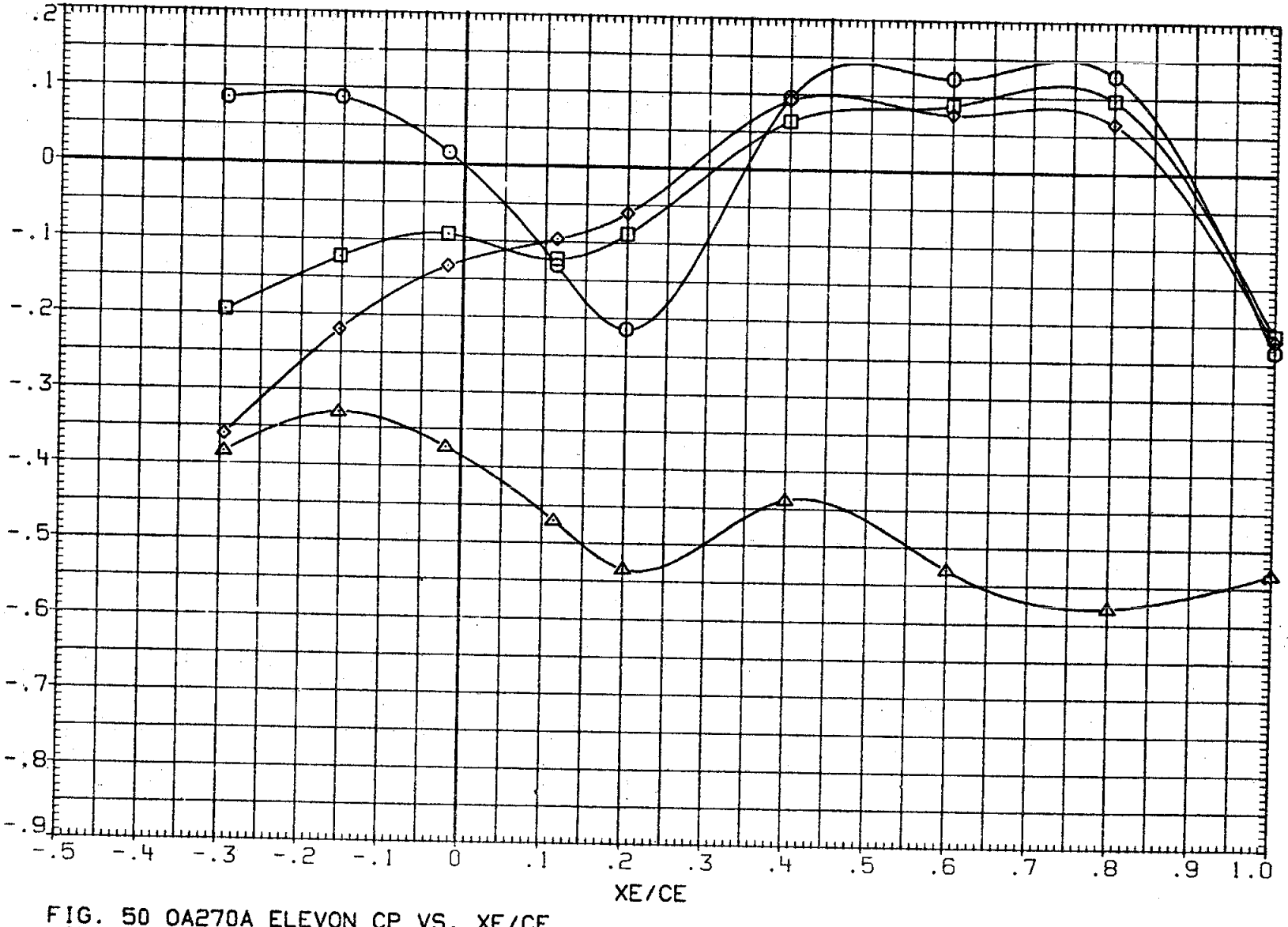


FIG. 50 0A270A ELEVON CP VS. XE/CE, INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNQ04) LARC 16 TWT 326(0A270A) ELEVON IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.615	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

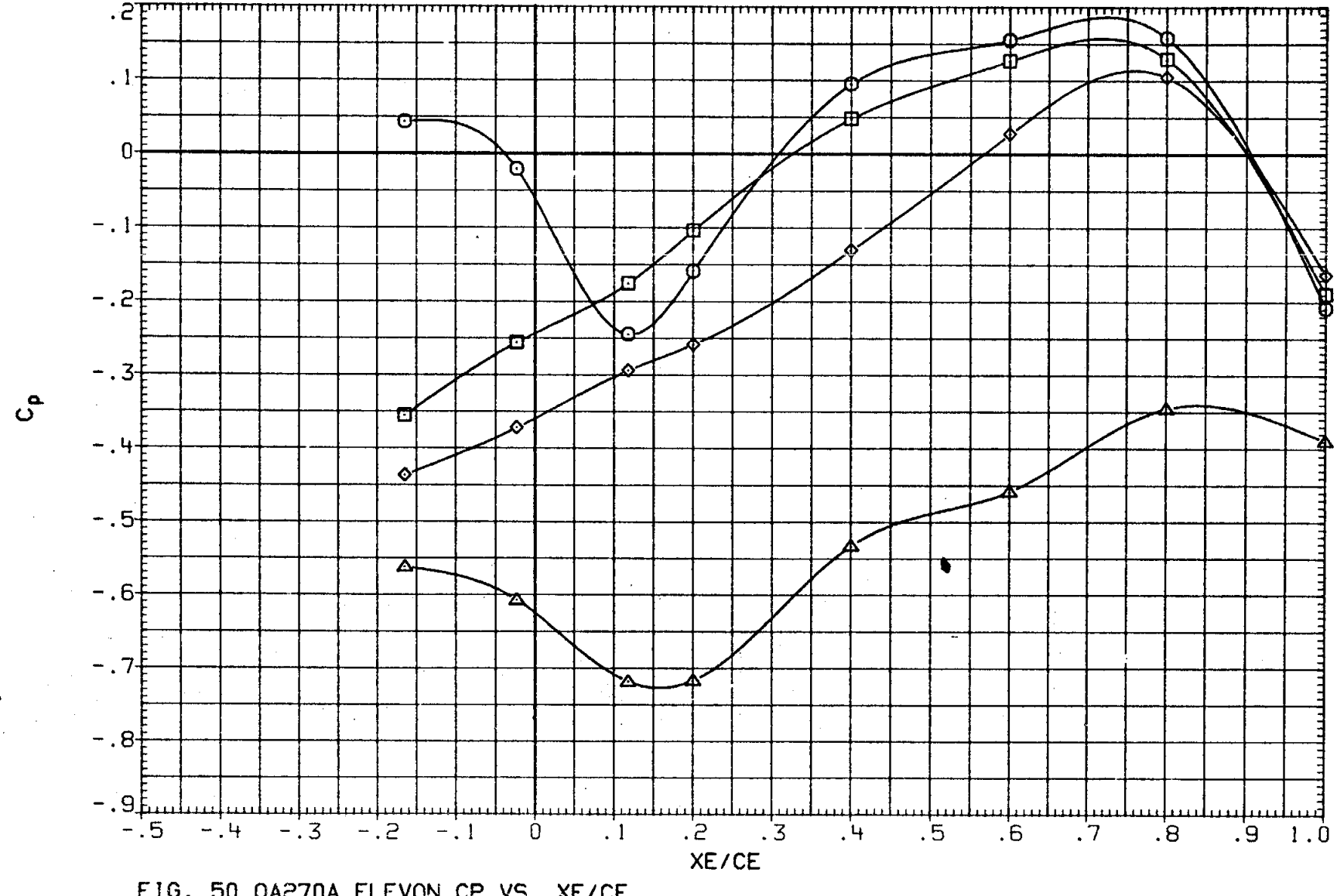


FIG. 50 0A270A ELEVON CP VS. XE/CE,
INBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.715	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

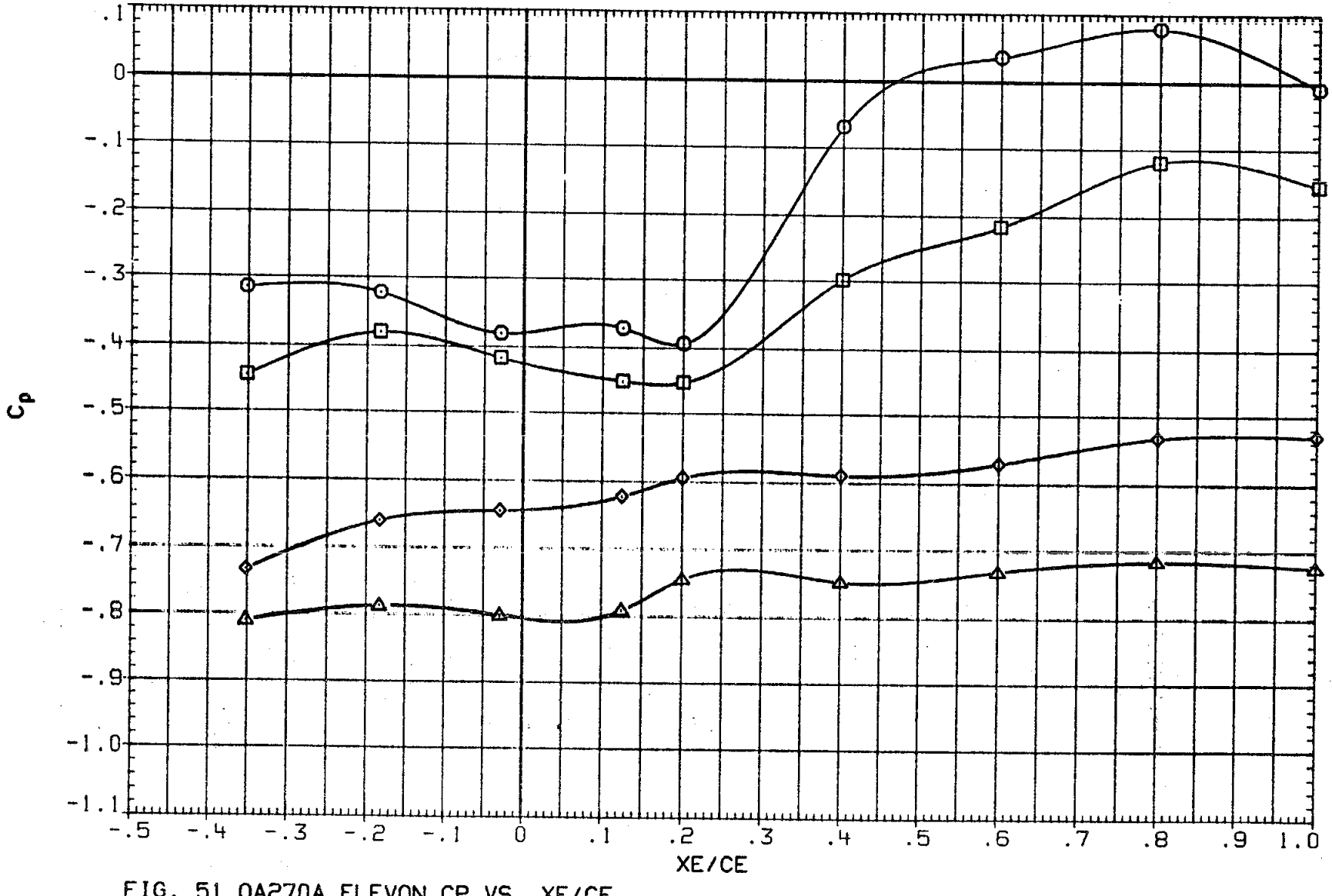


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.800	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

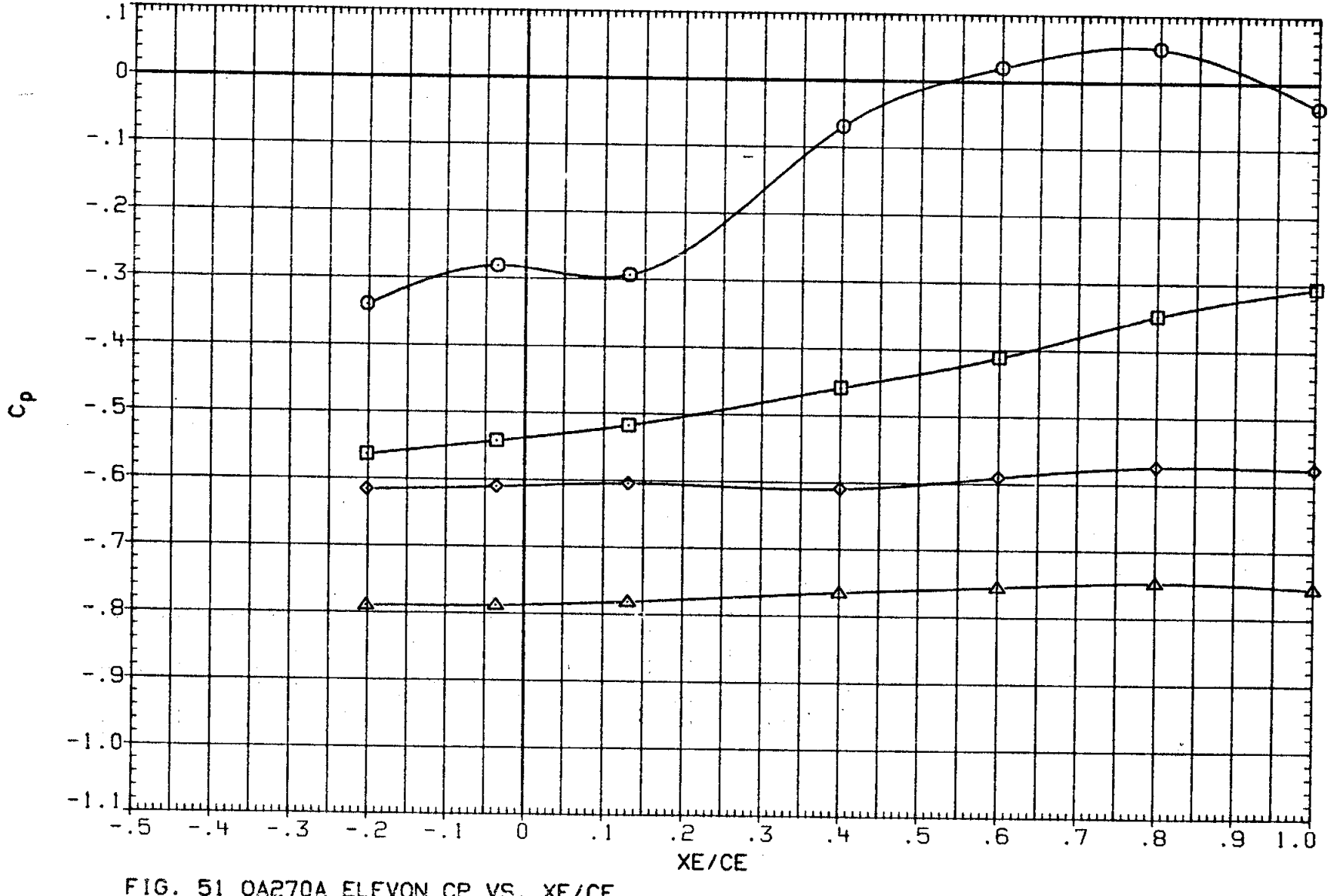


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.887	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

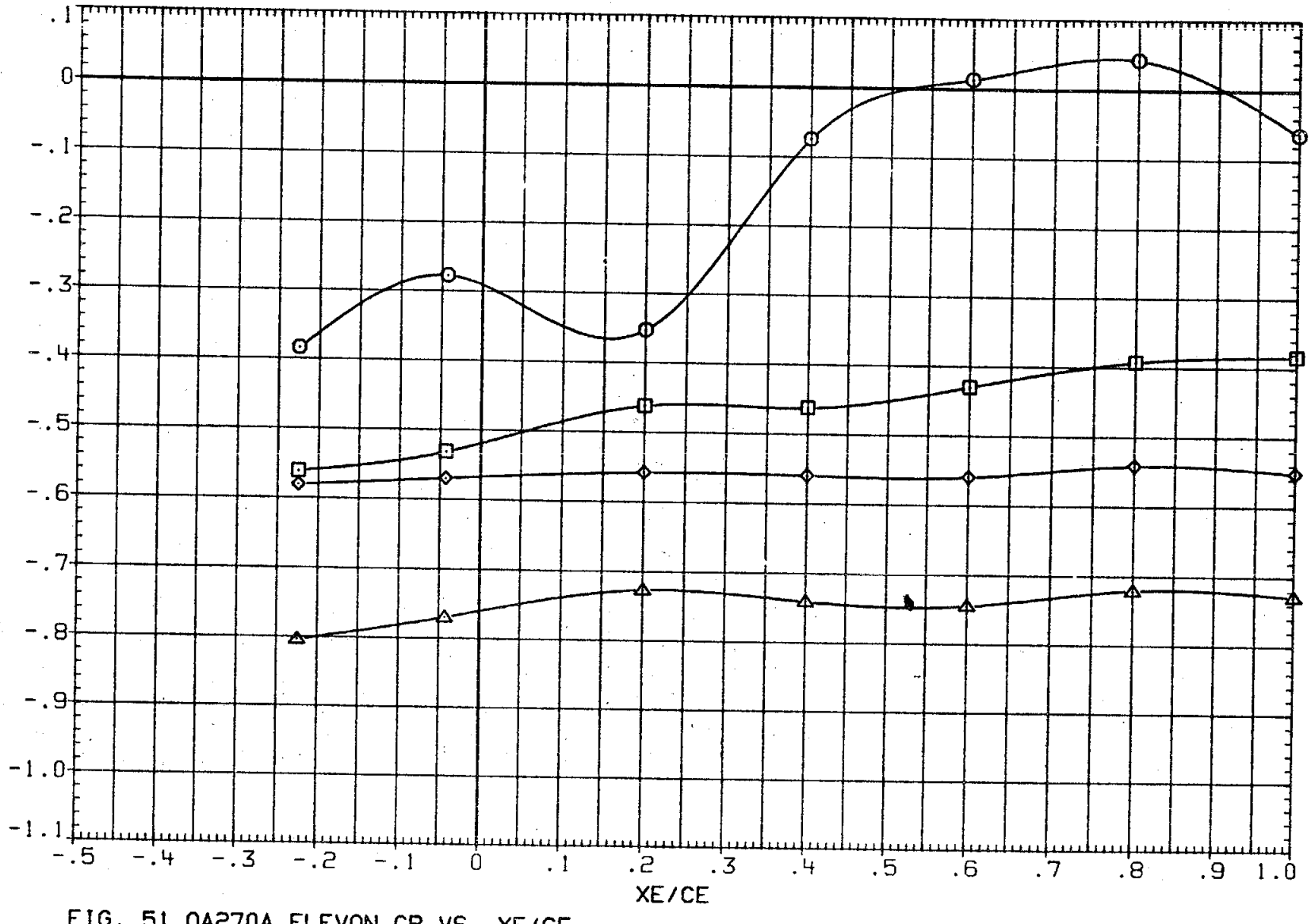


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.960	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

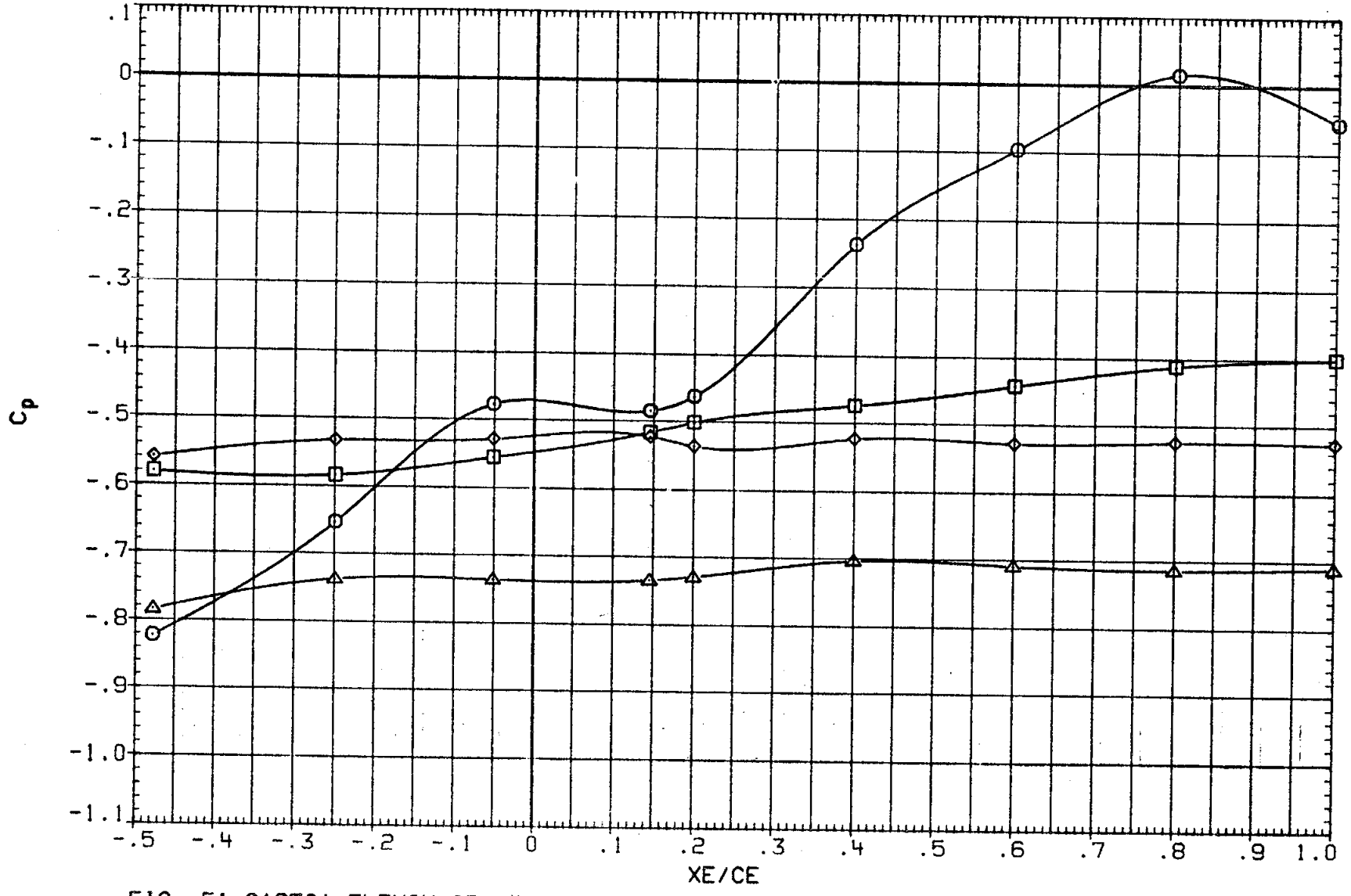


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.715	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

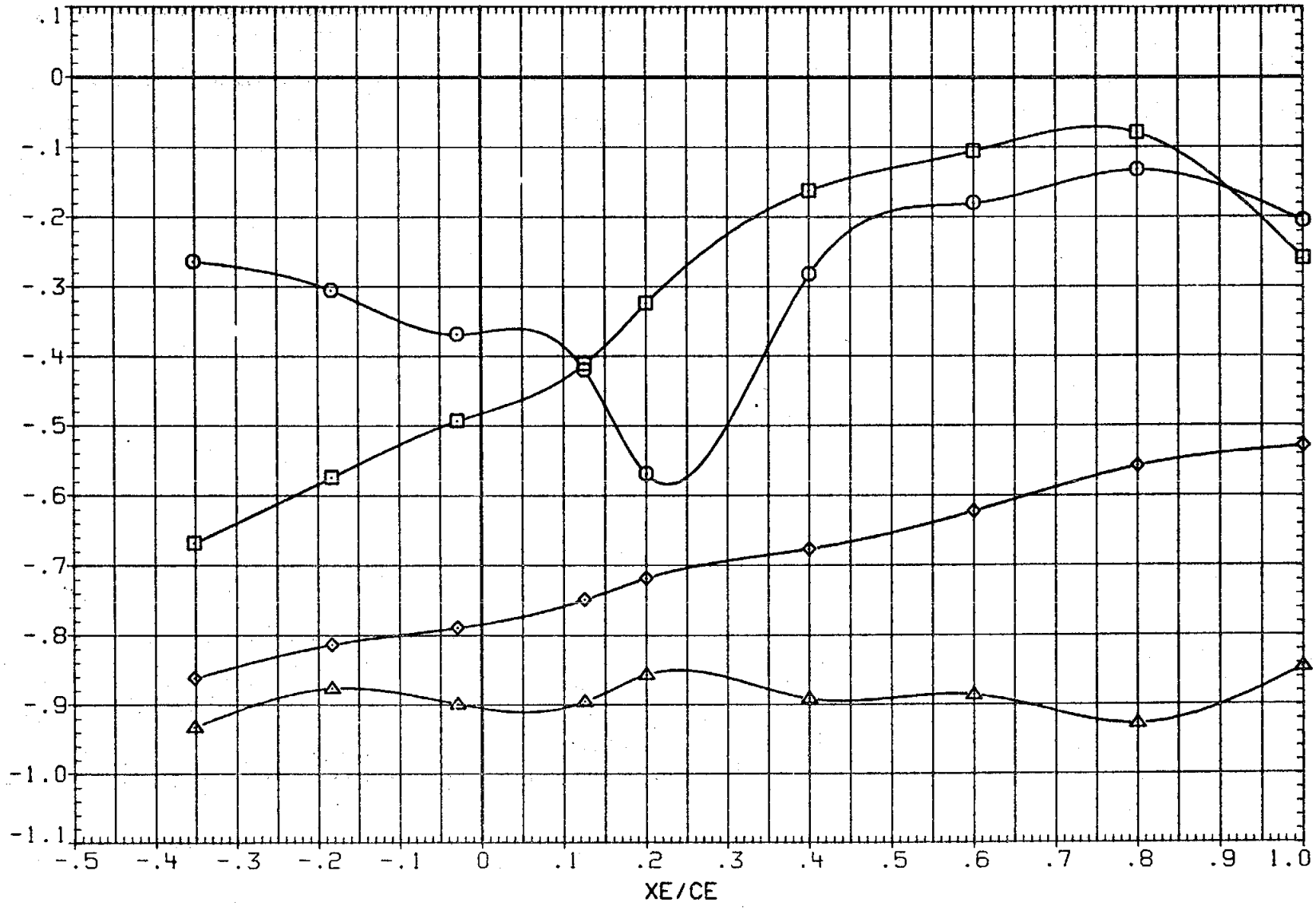


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.800	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

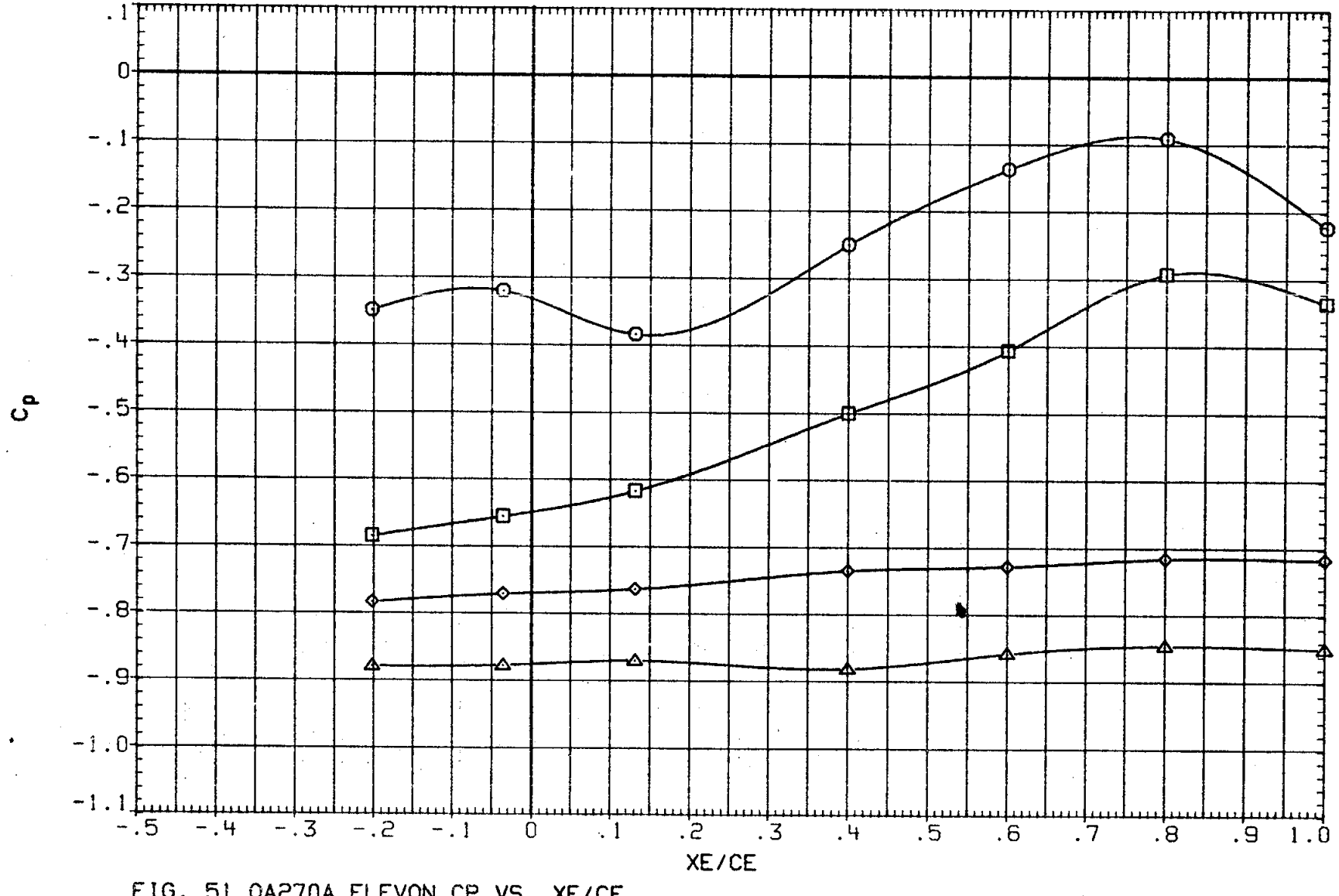


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(OA270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.387	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

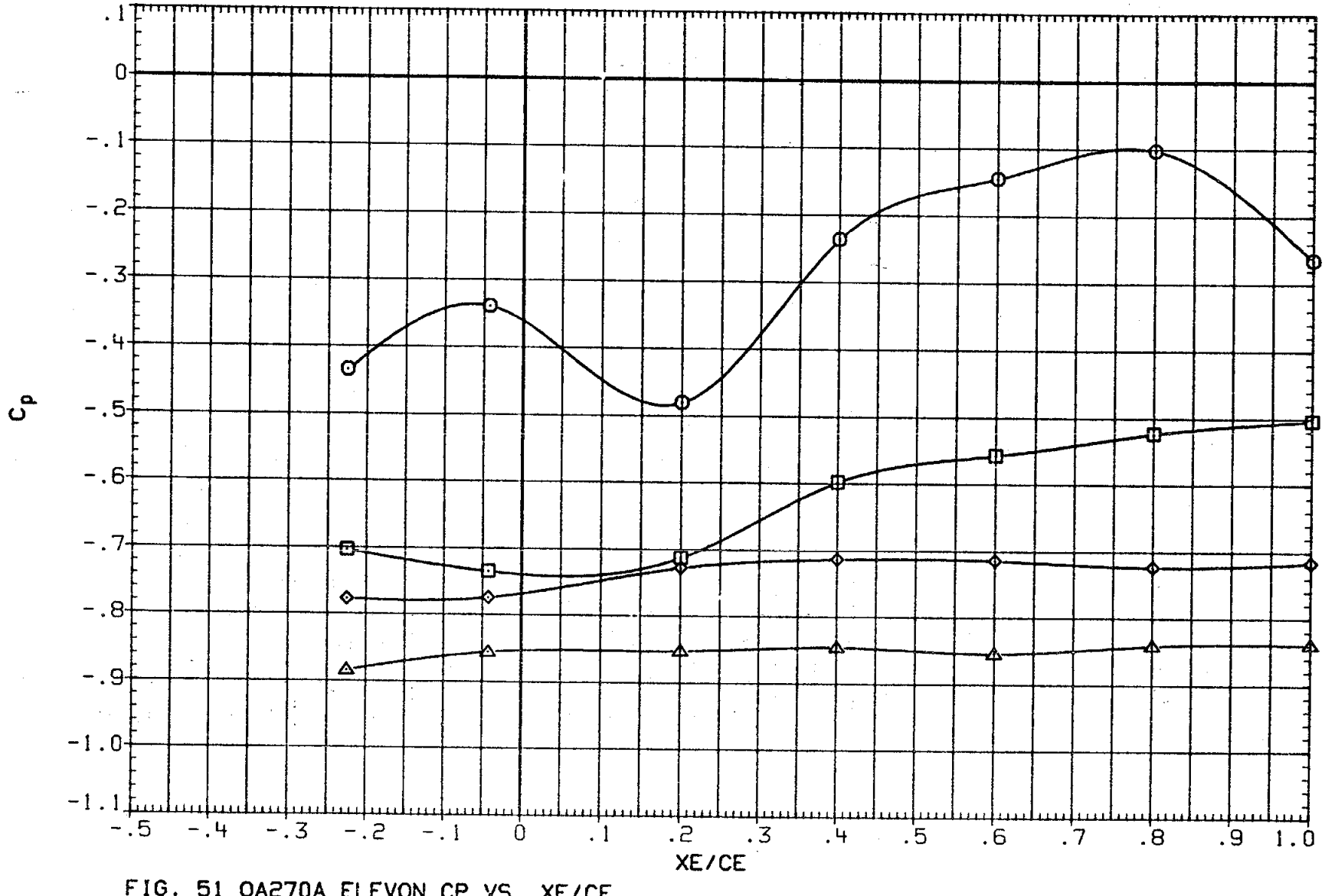


FIG. 51 OA270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.960	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

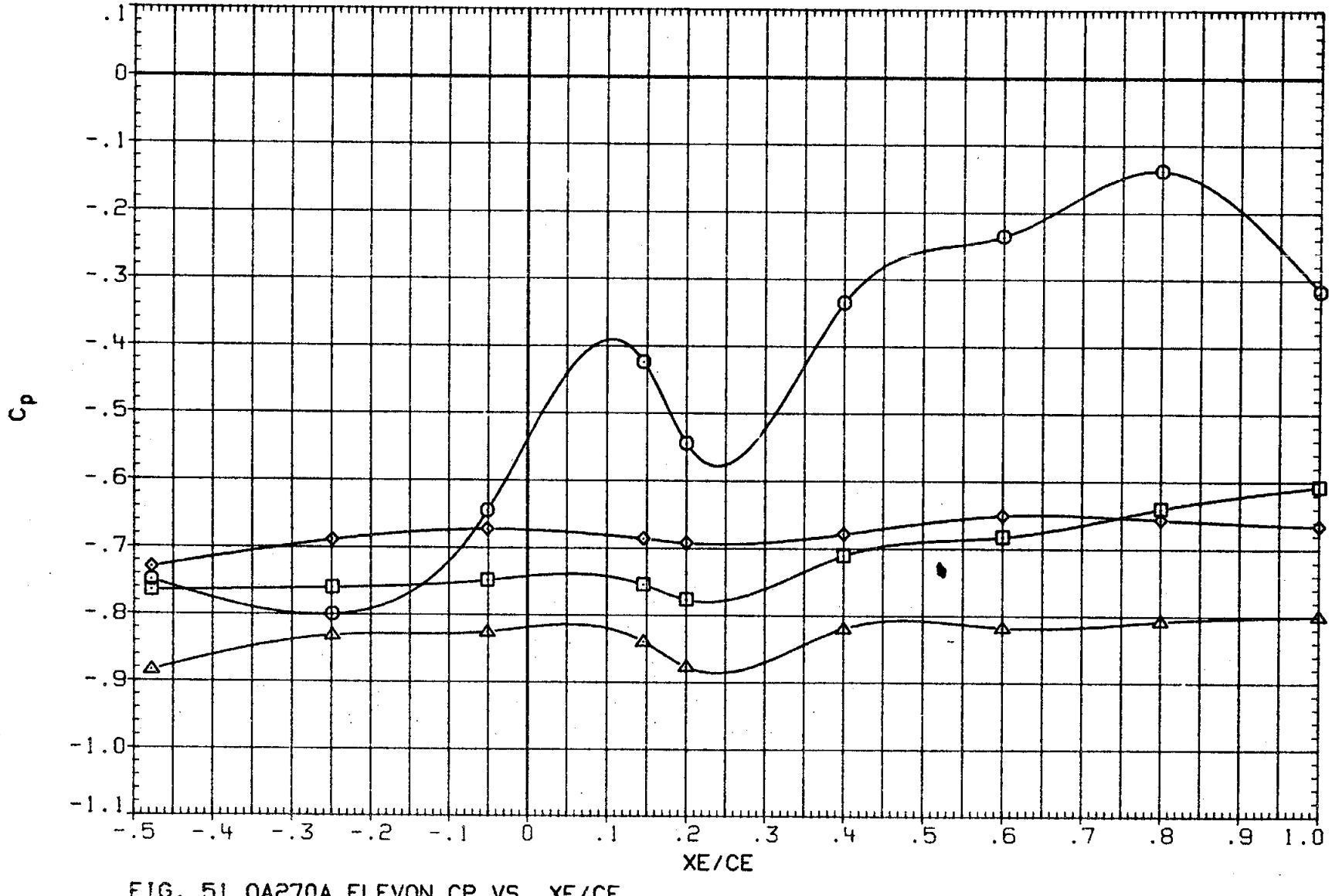


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.715	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

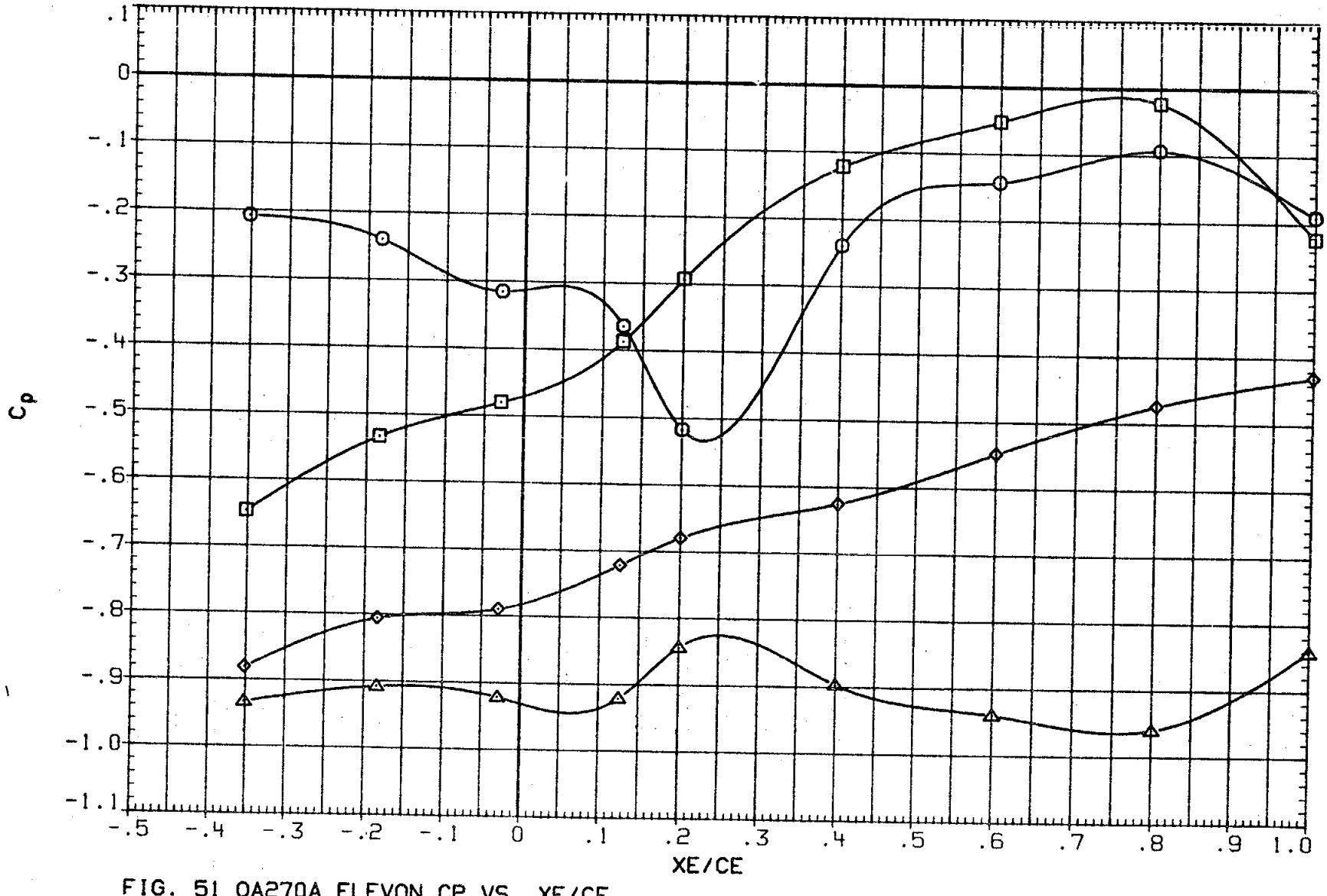


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.800	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	FLEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

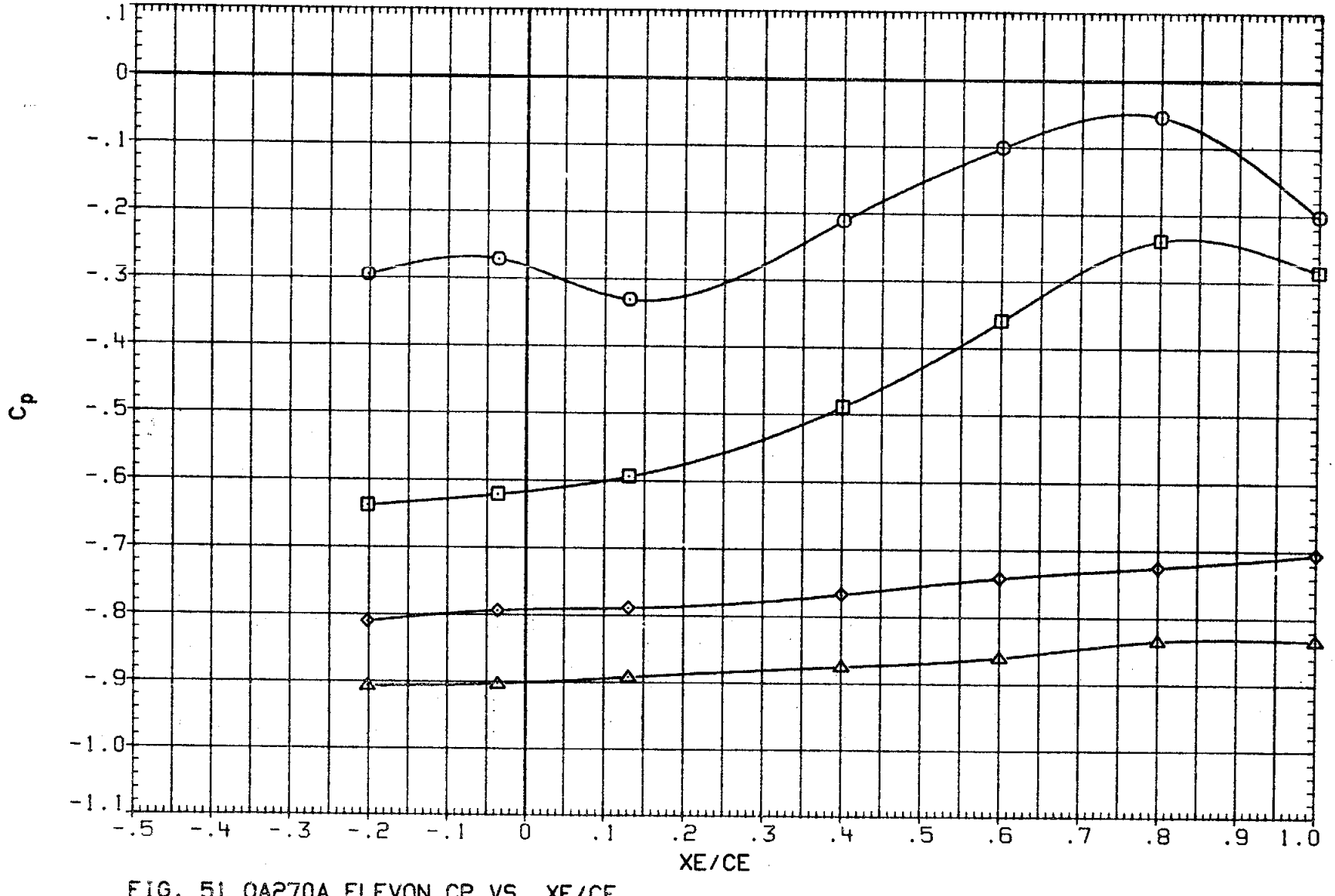


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON 0B UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.887	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

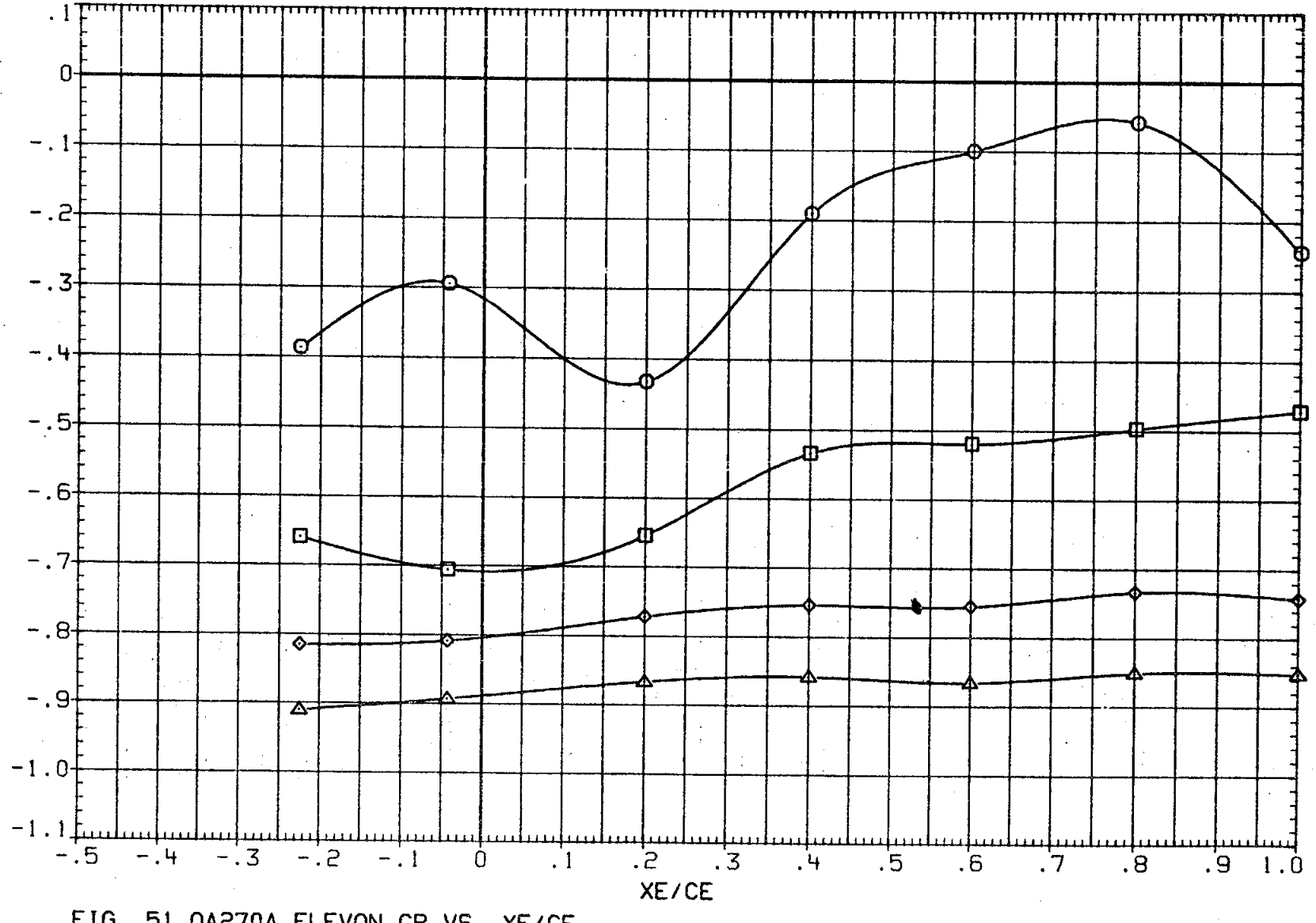


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.960	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

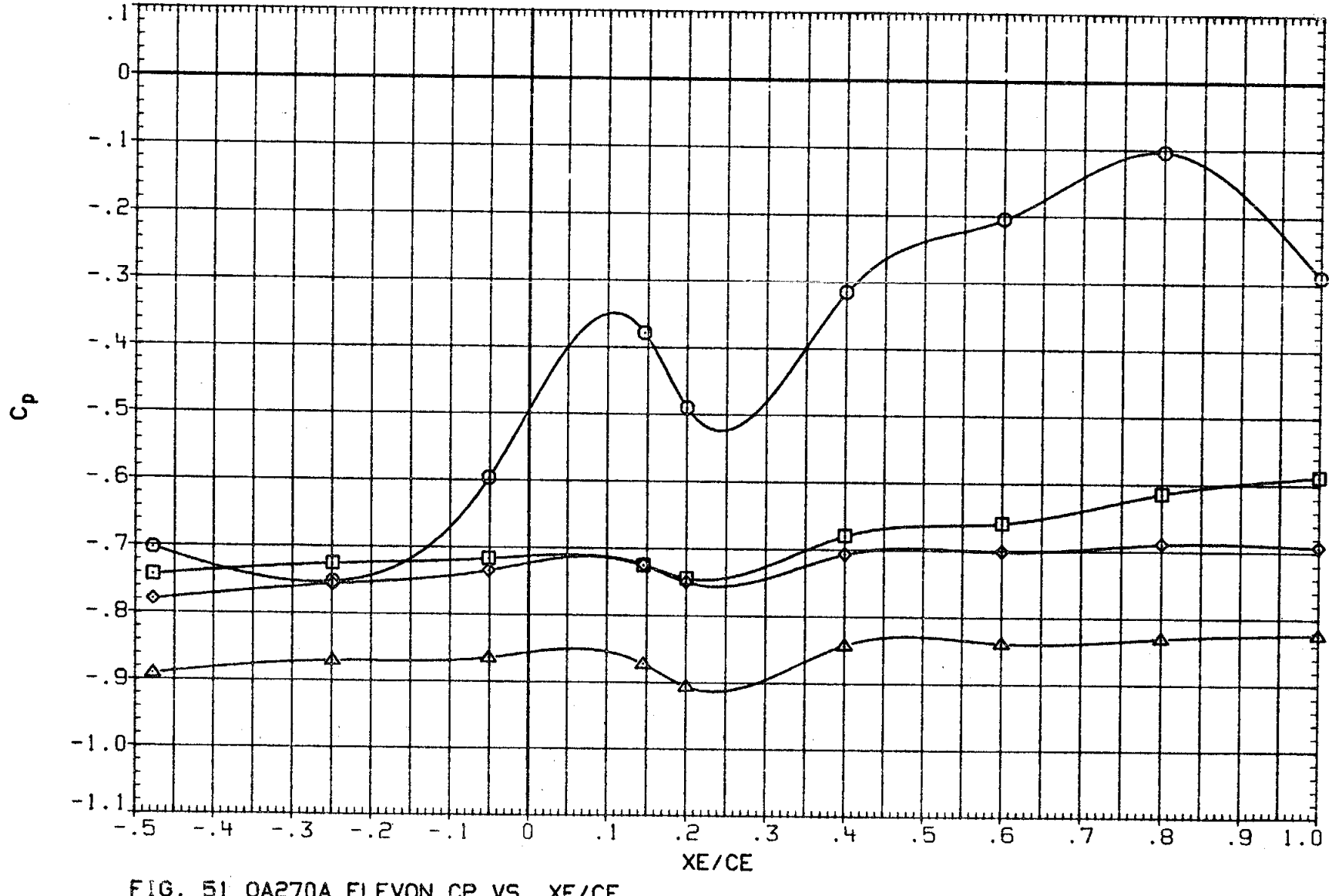


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.715	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

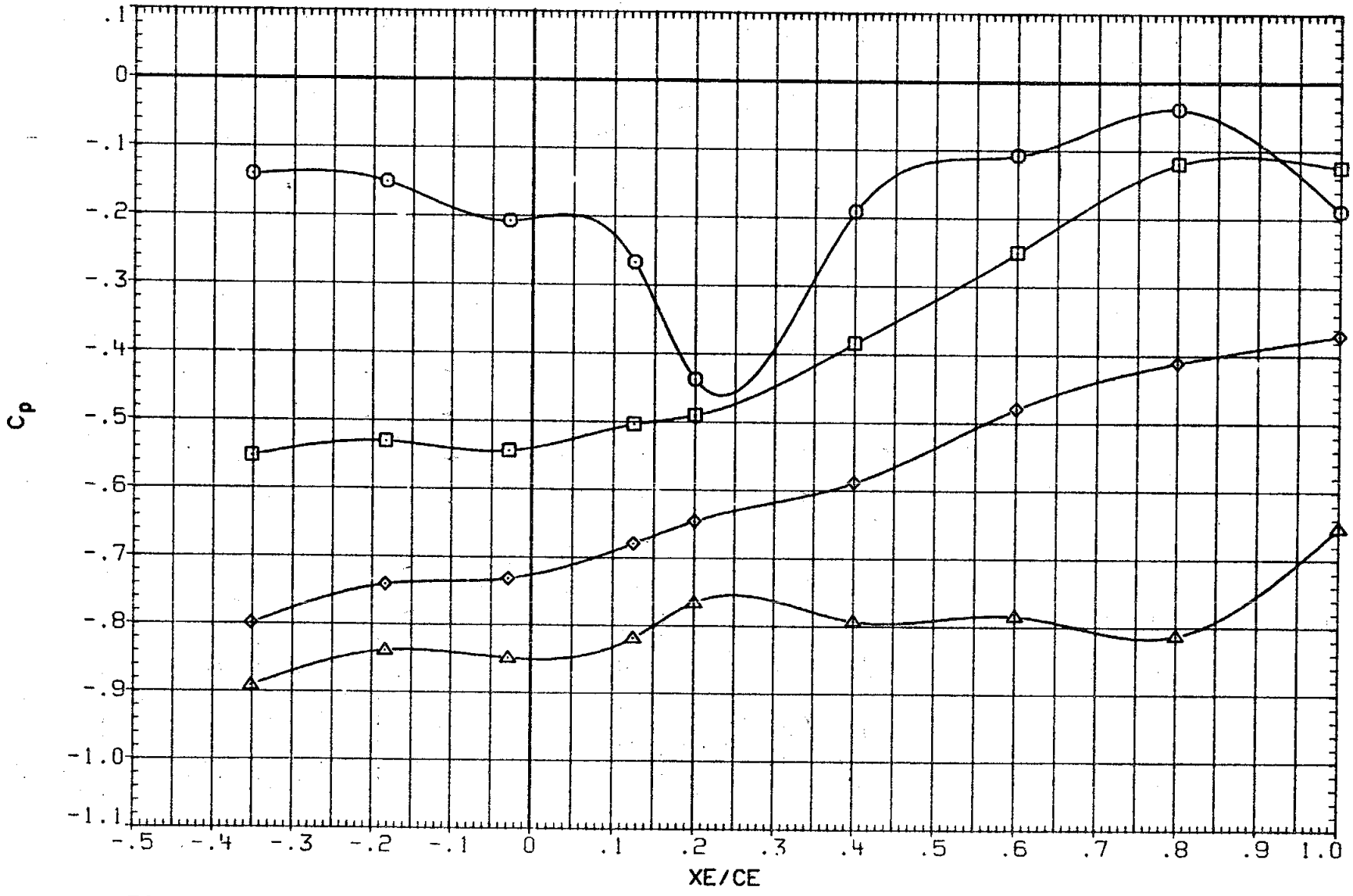


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.800	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

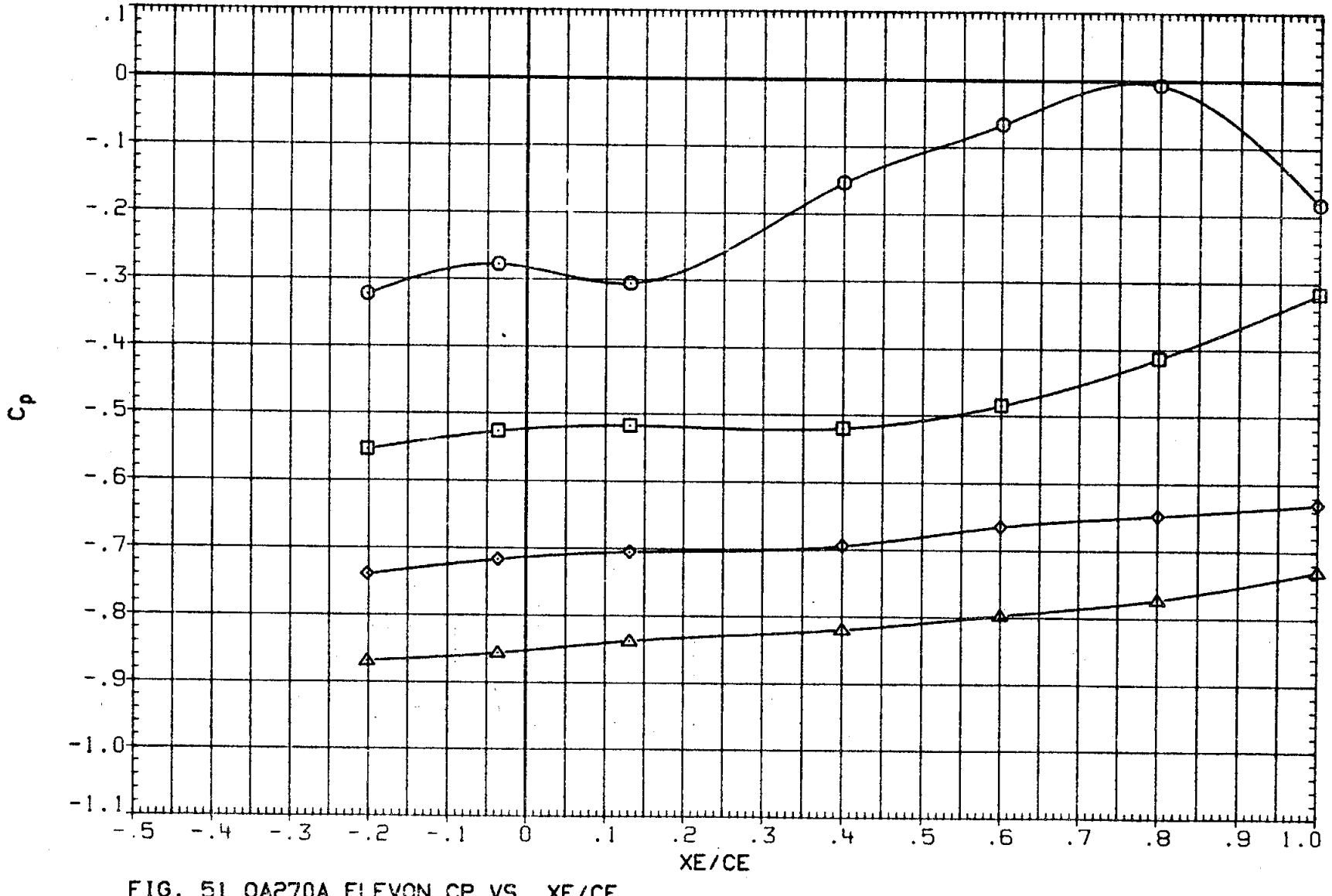


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.887	1.05!
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

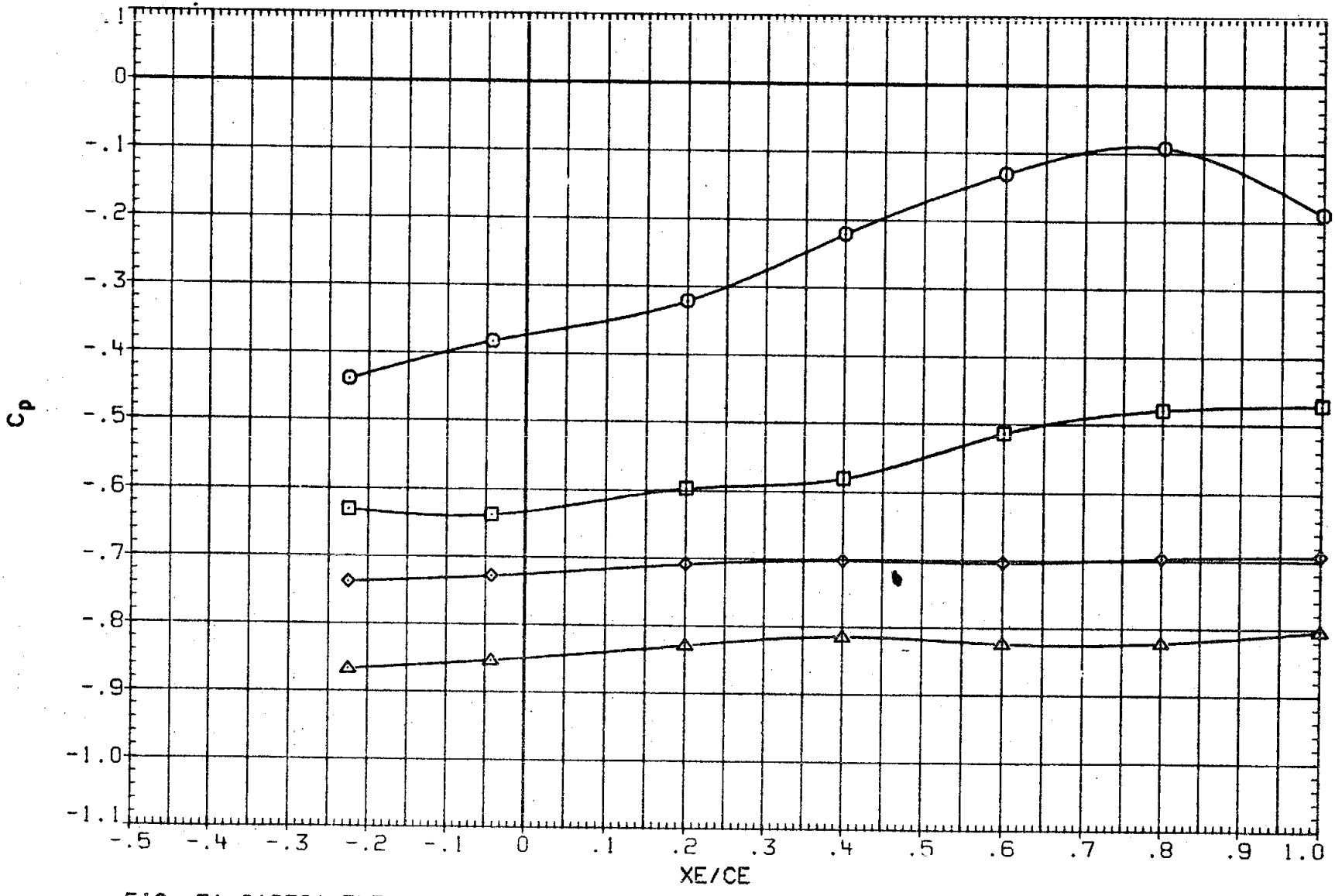


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.960	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

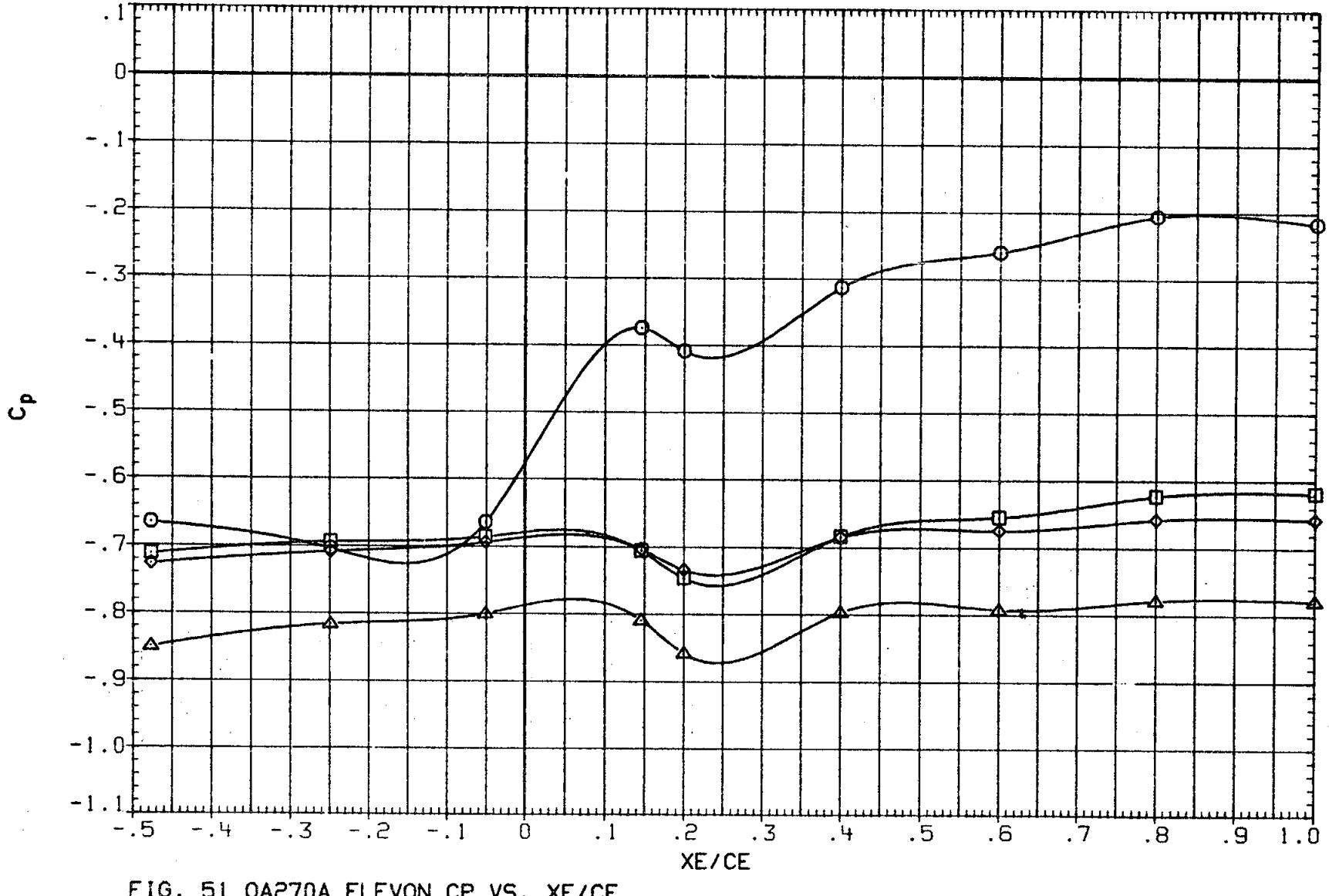


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.715	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

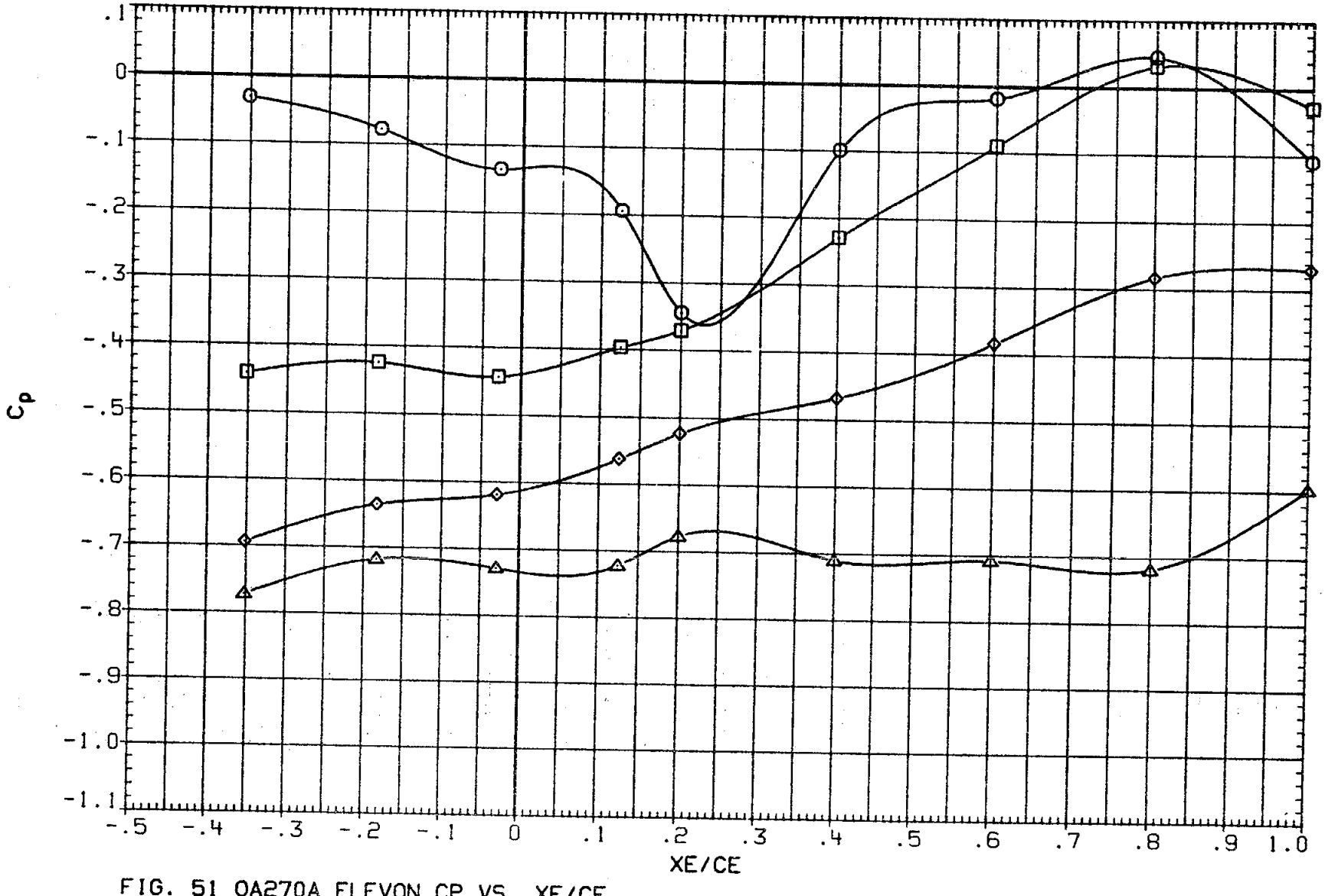


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.800	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

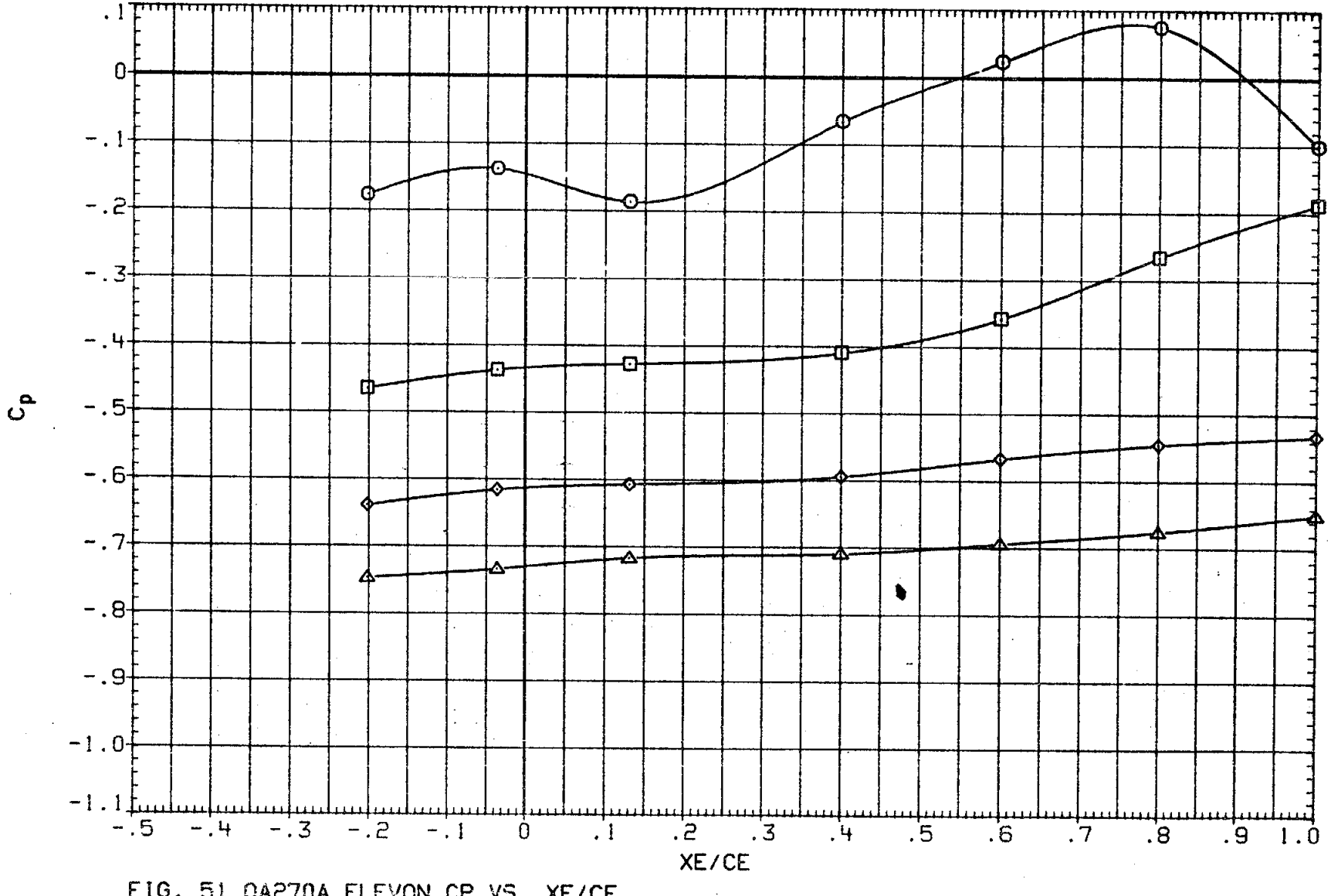


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.887	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

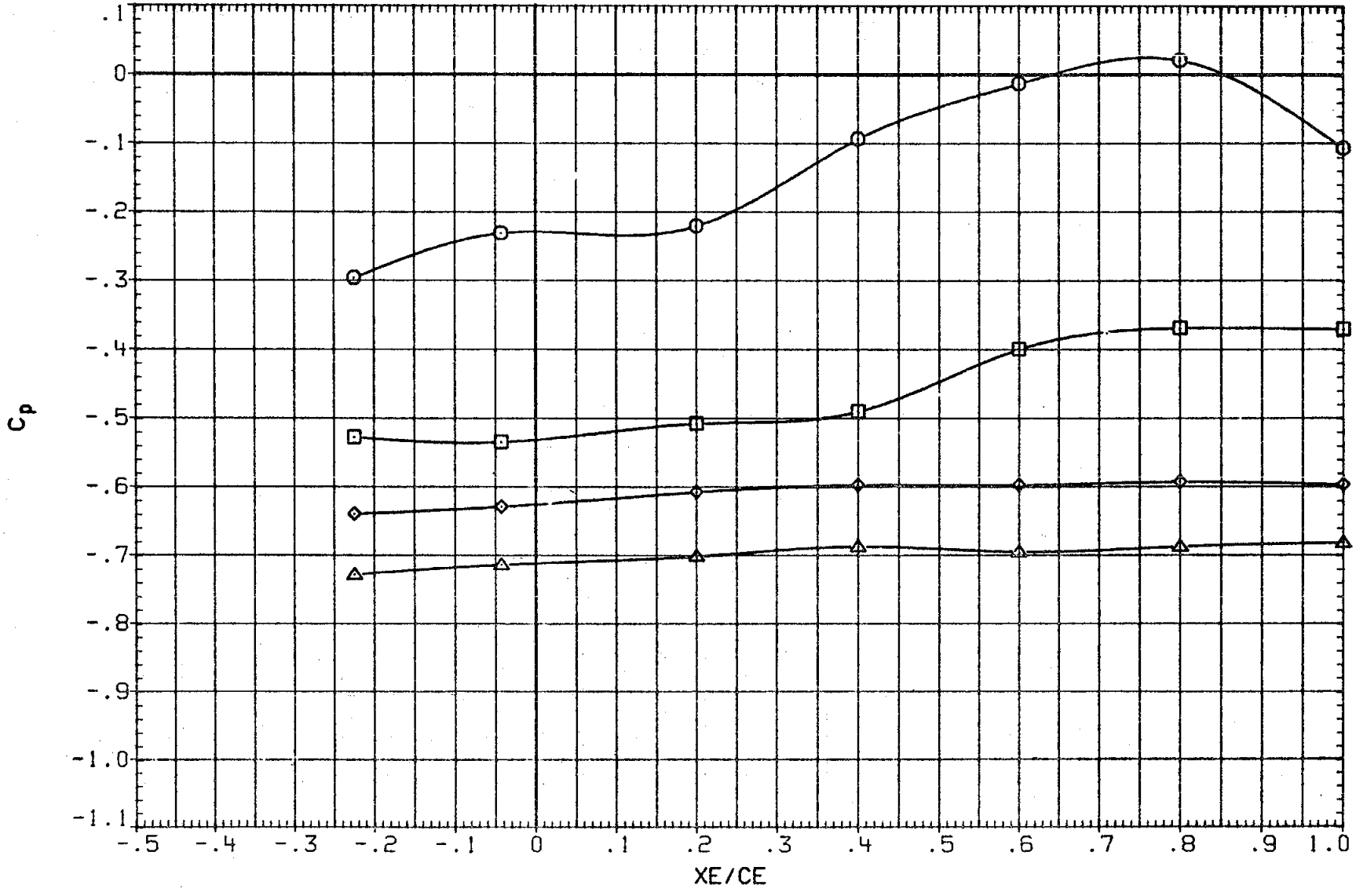


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.960	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

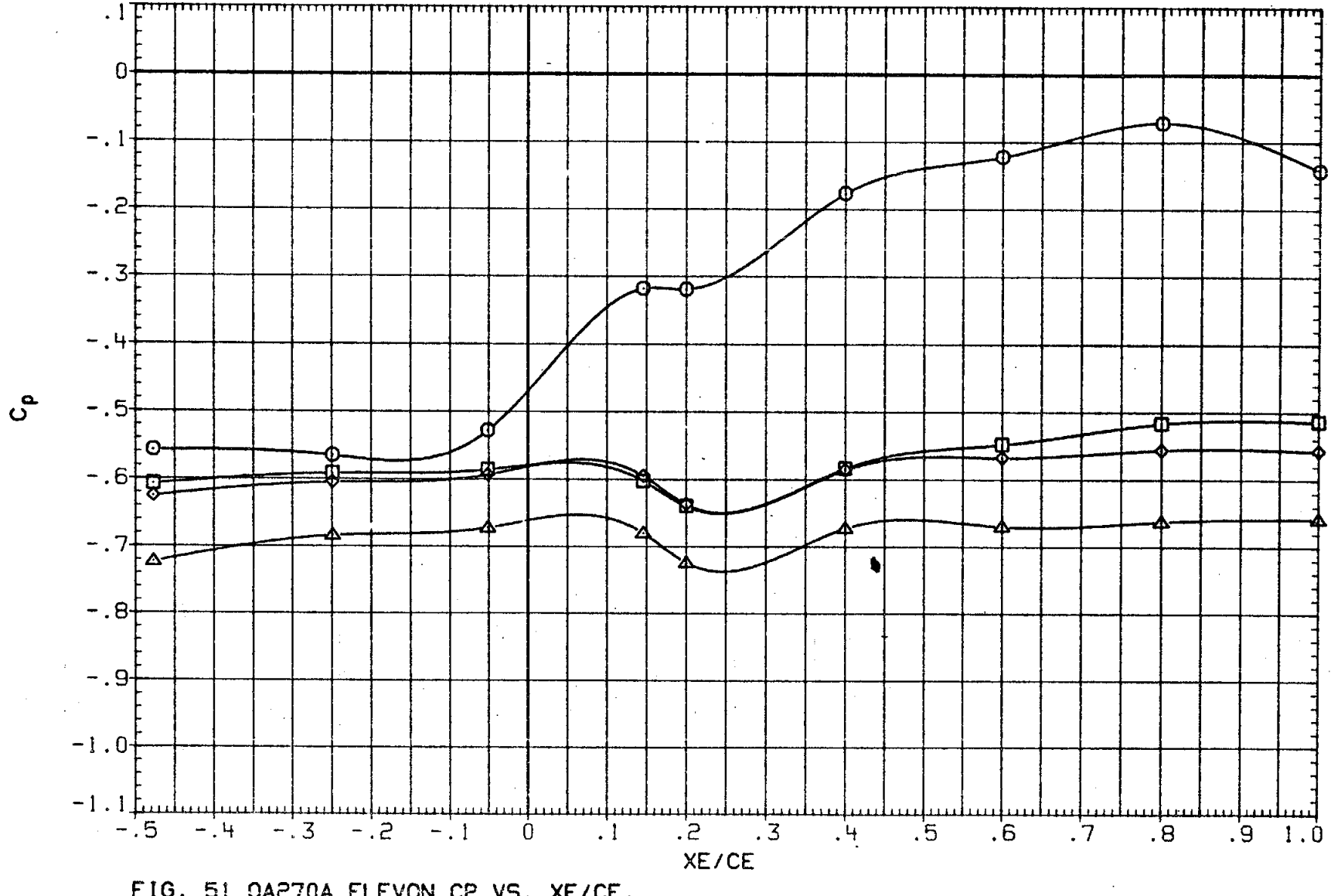


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.715	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

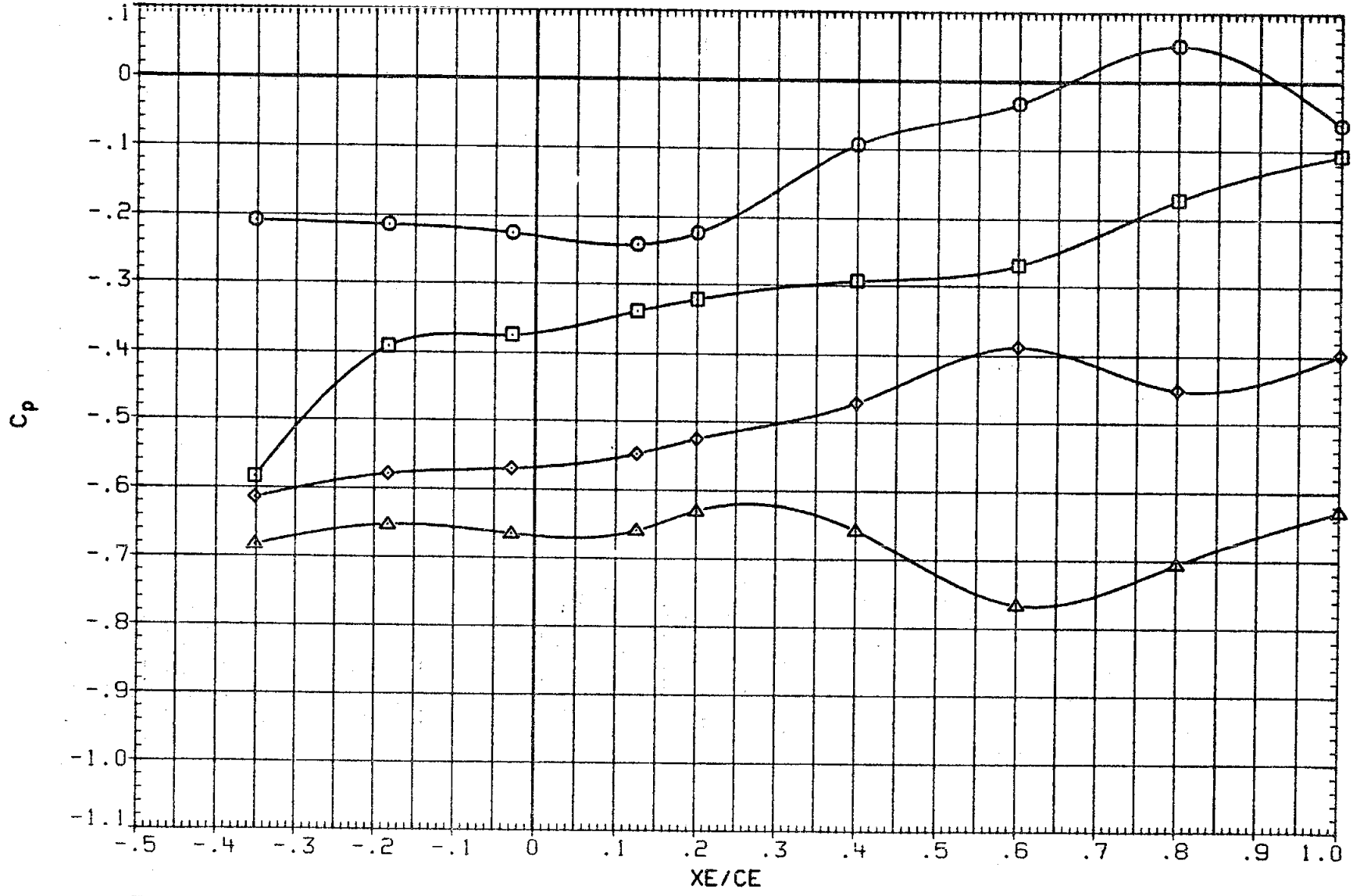


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.800	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

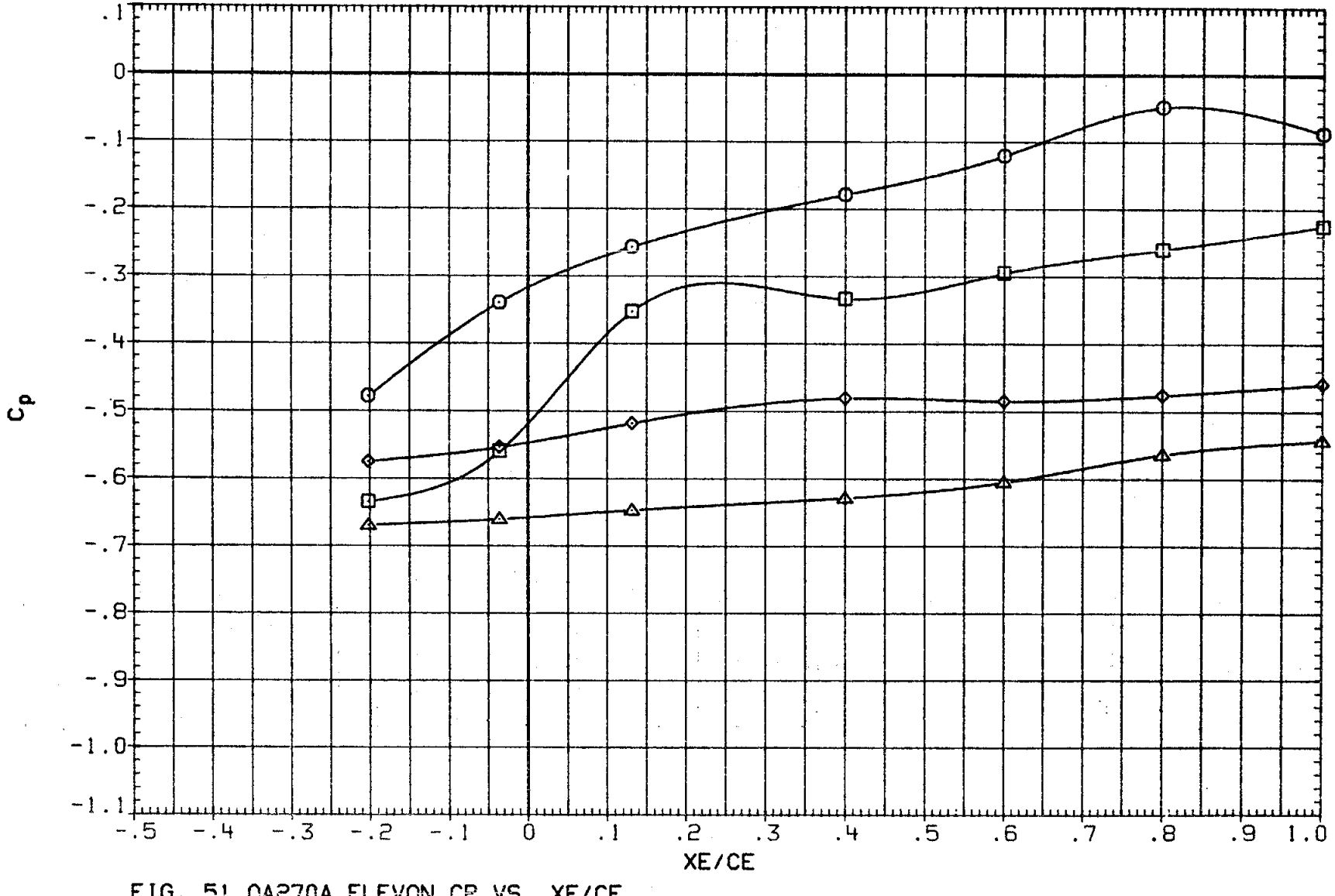


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

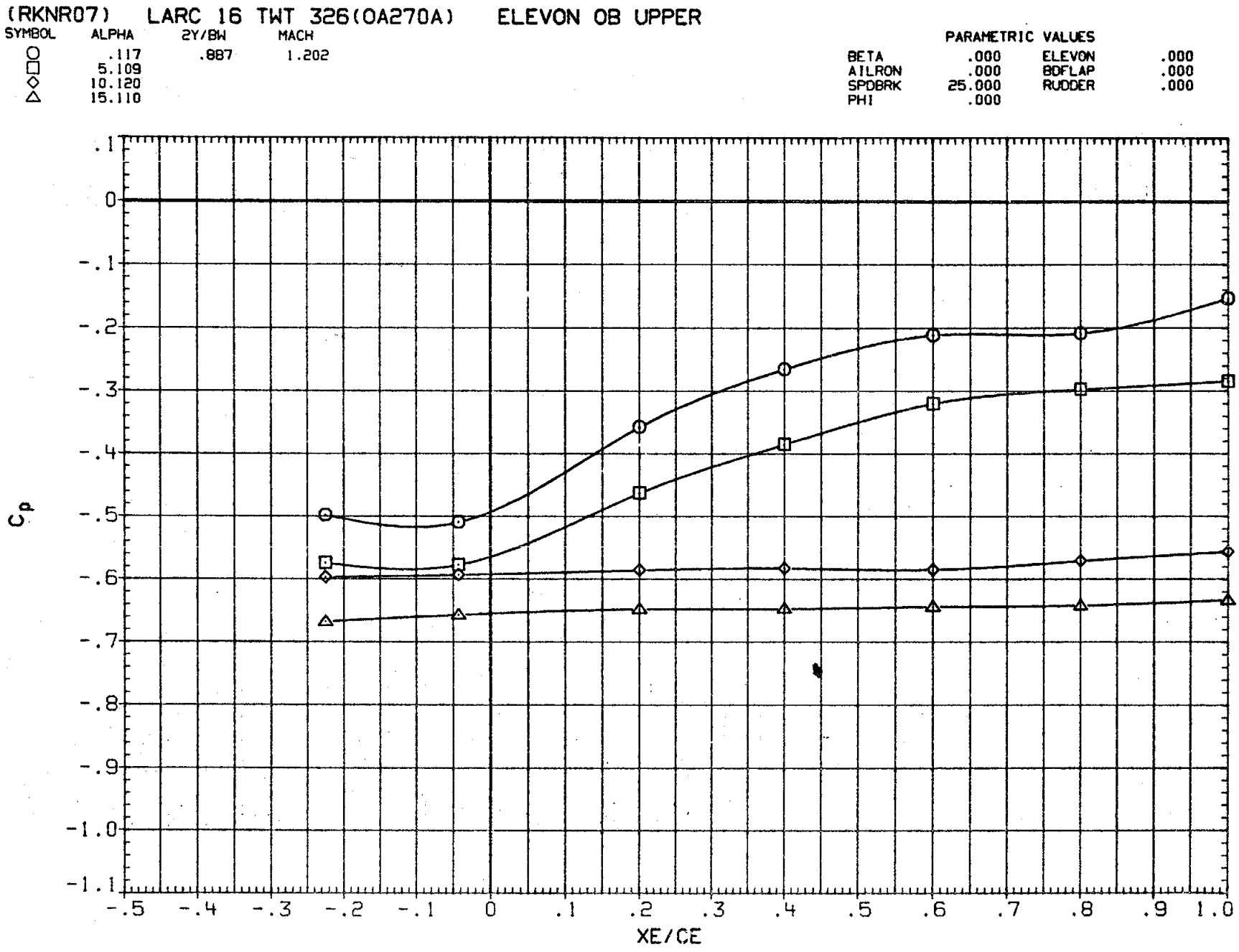


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR07) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.960	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

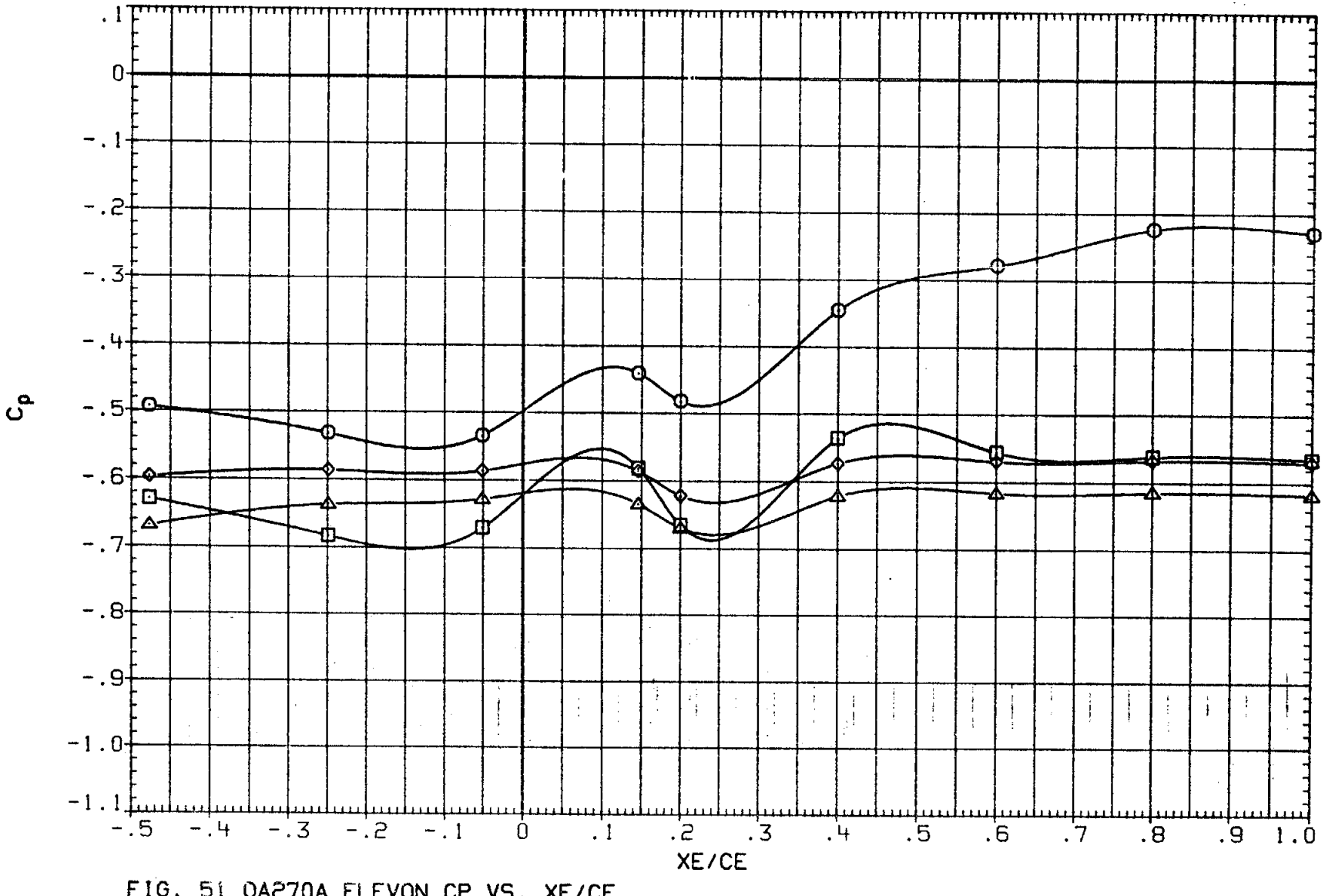


FIG. 51 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNR33) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.715	.799
□	-10.025		
◇	-.015		
◁	10.018		
△	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

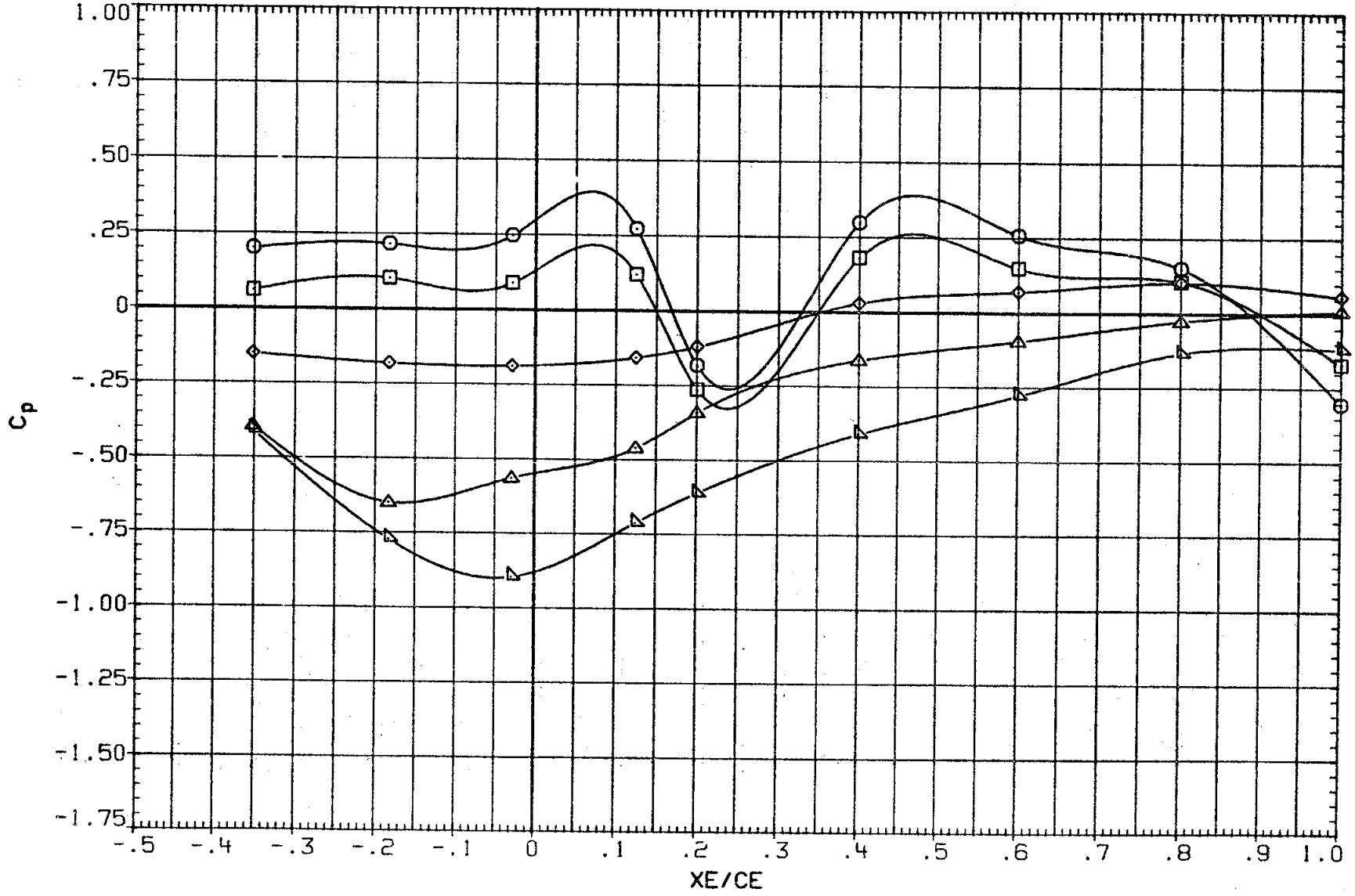


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

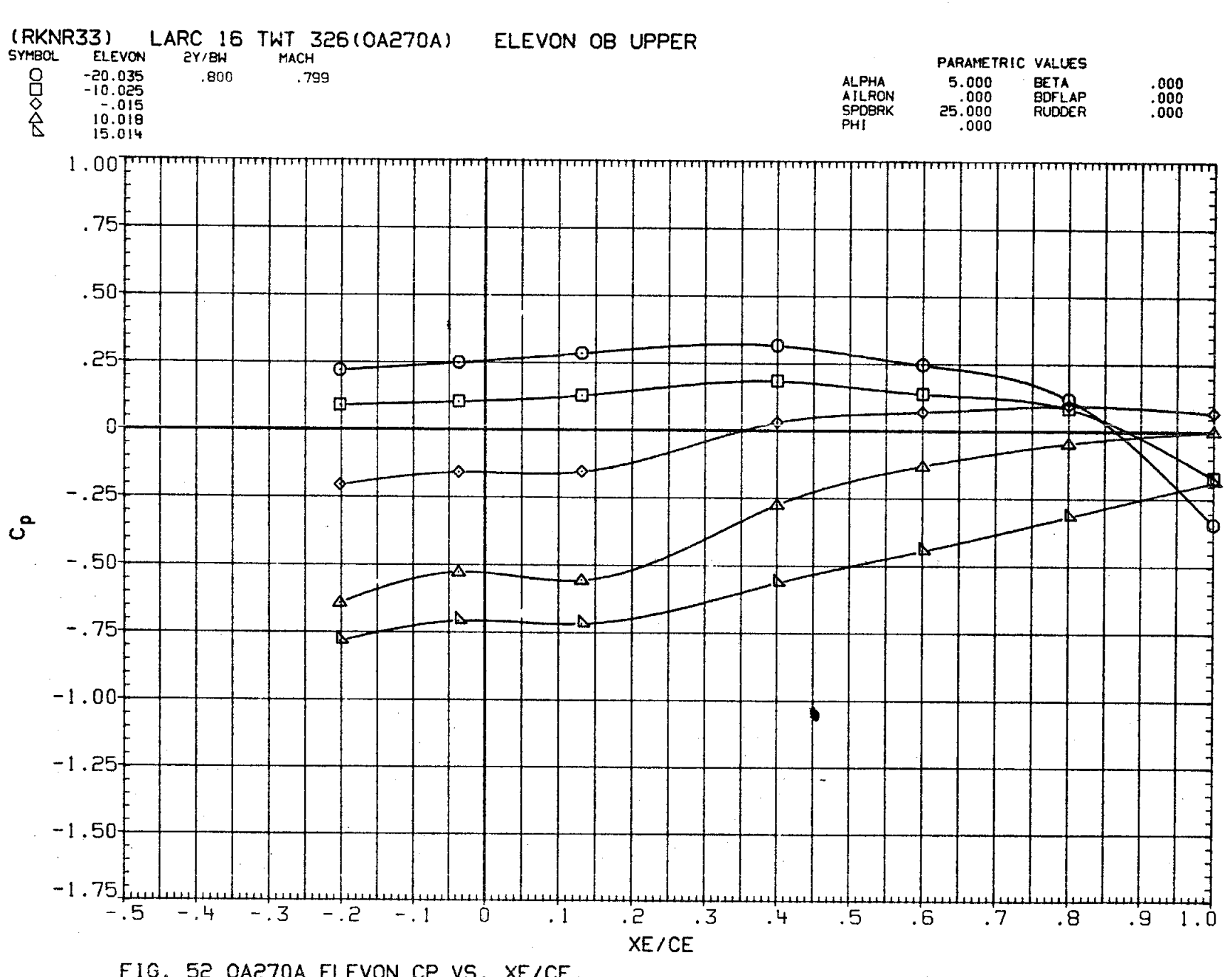


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

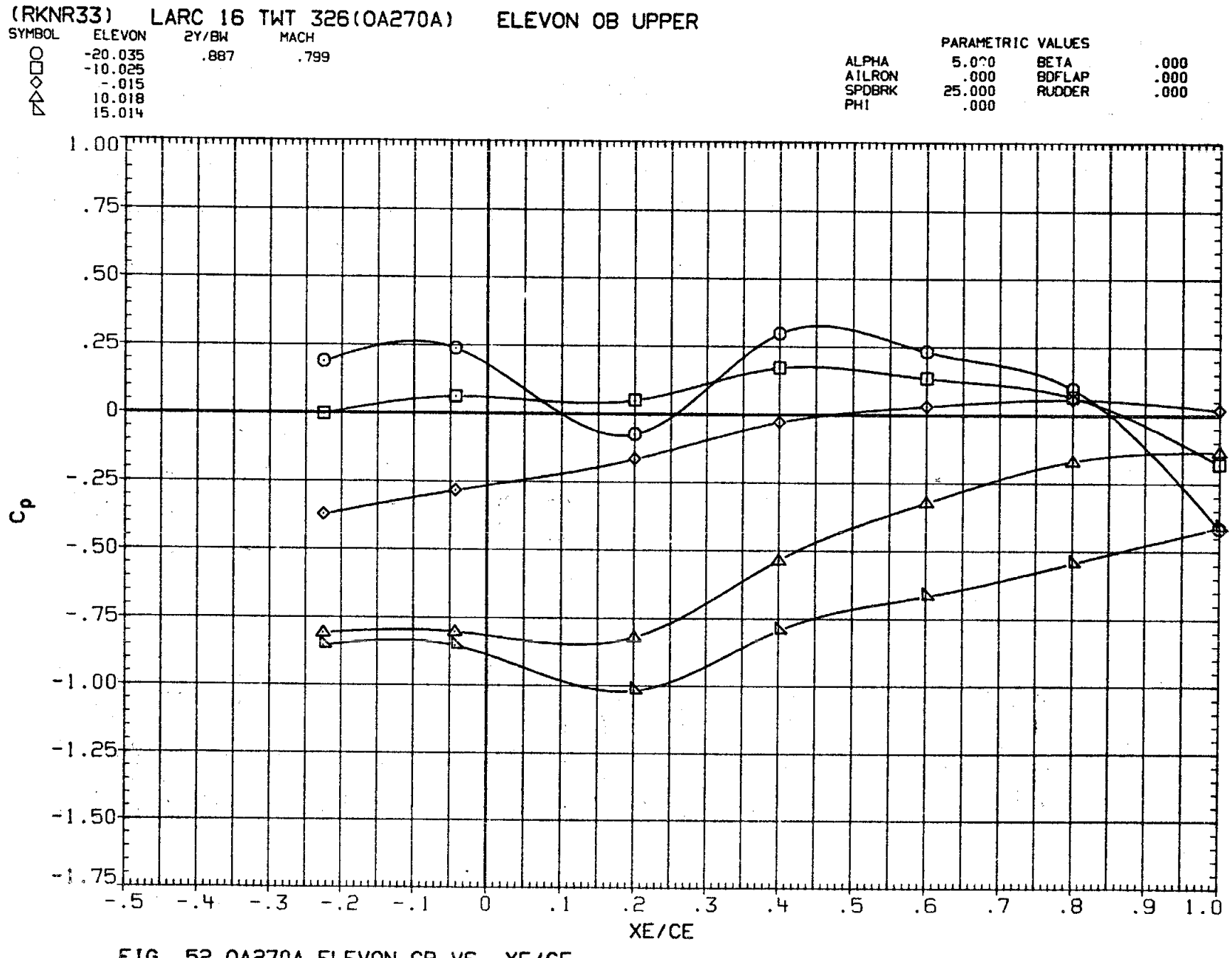


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

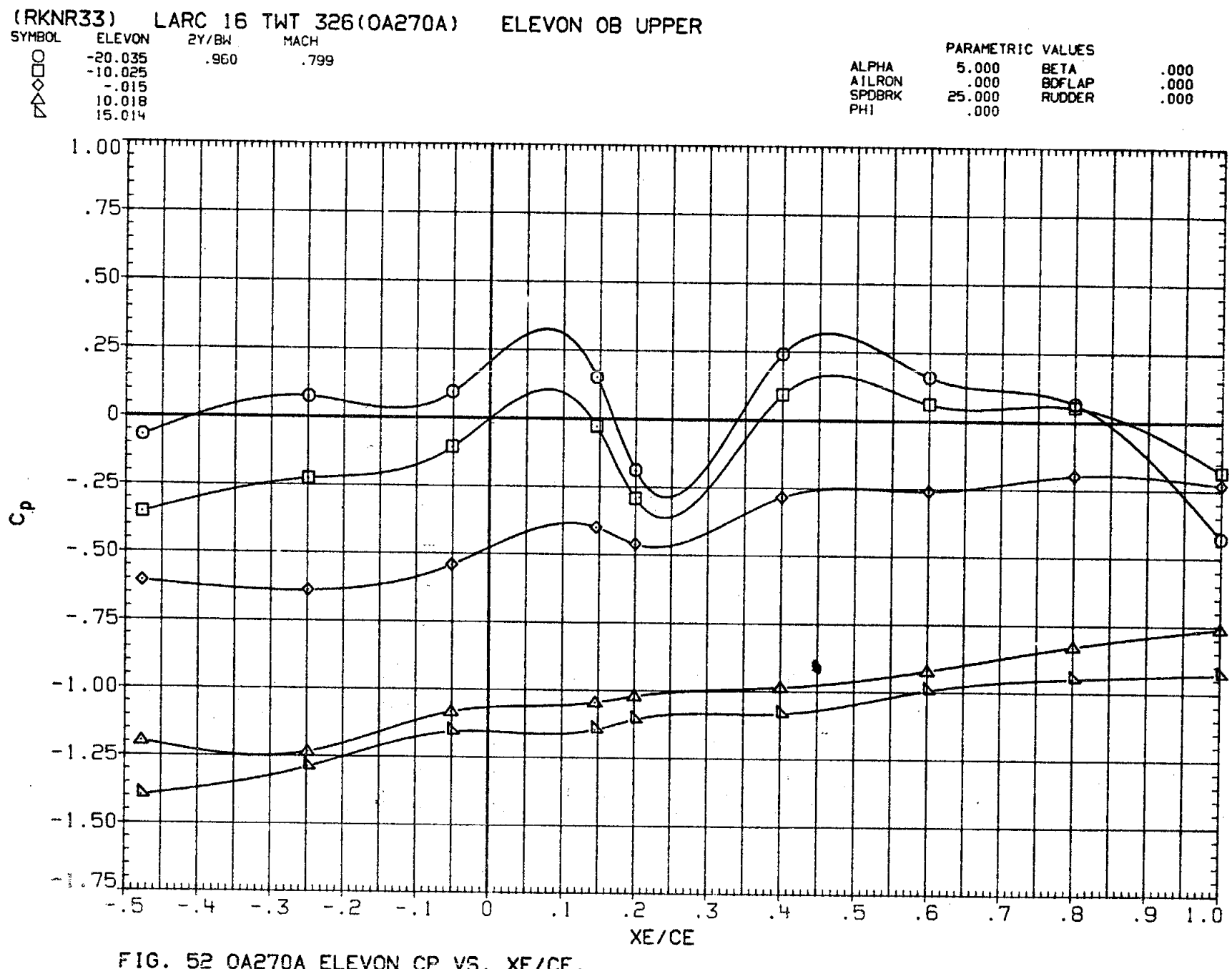


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

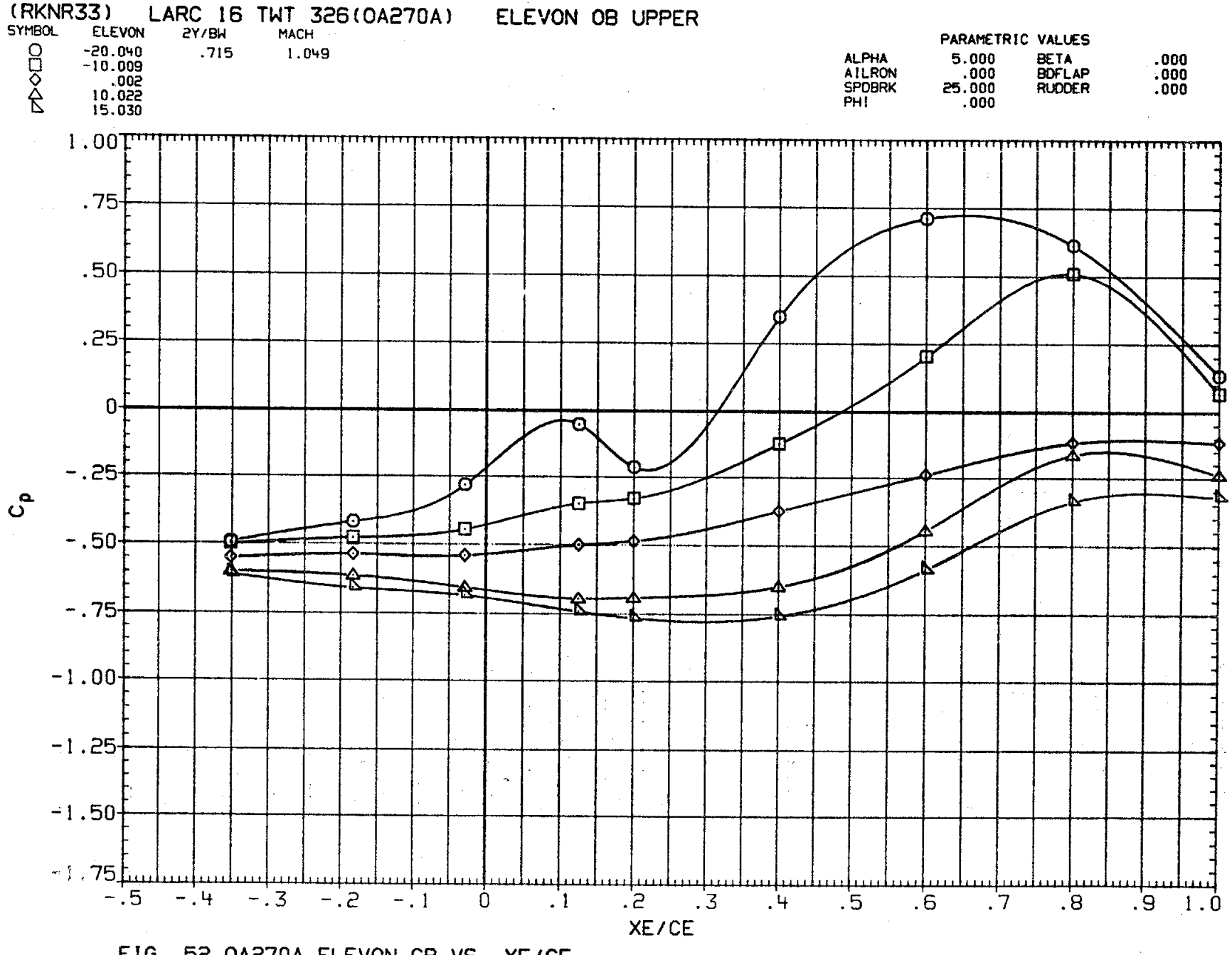


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNR33) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.800	1.049
□	-10.009		
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

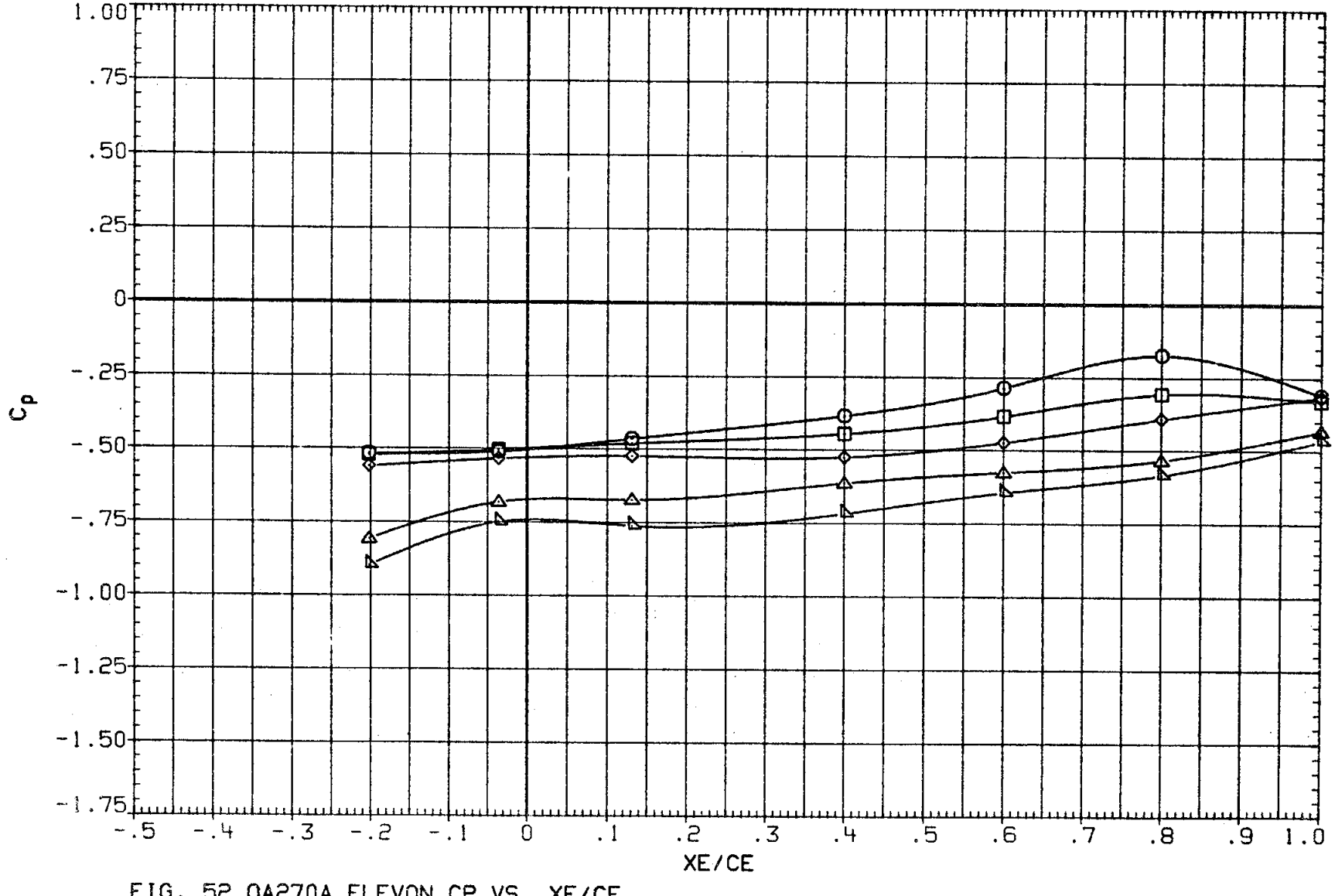


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNR33) LARC 16 TWT 326(0A270A) ELEVON 0B UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.887	1.049
□	-10.009		
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

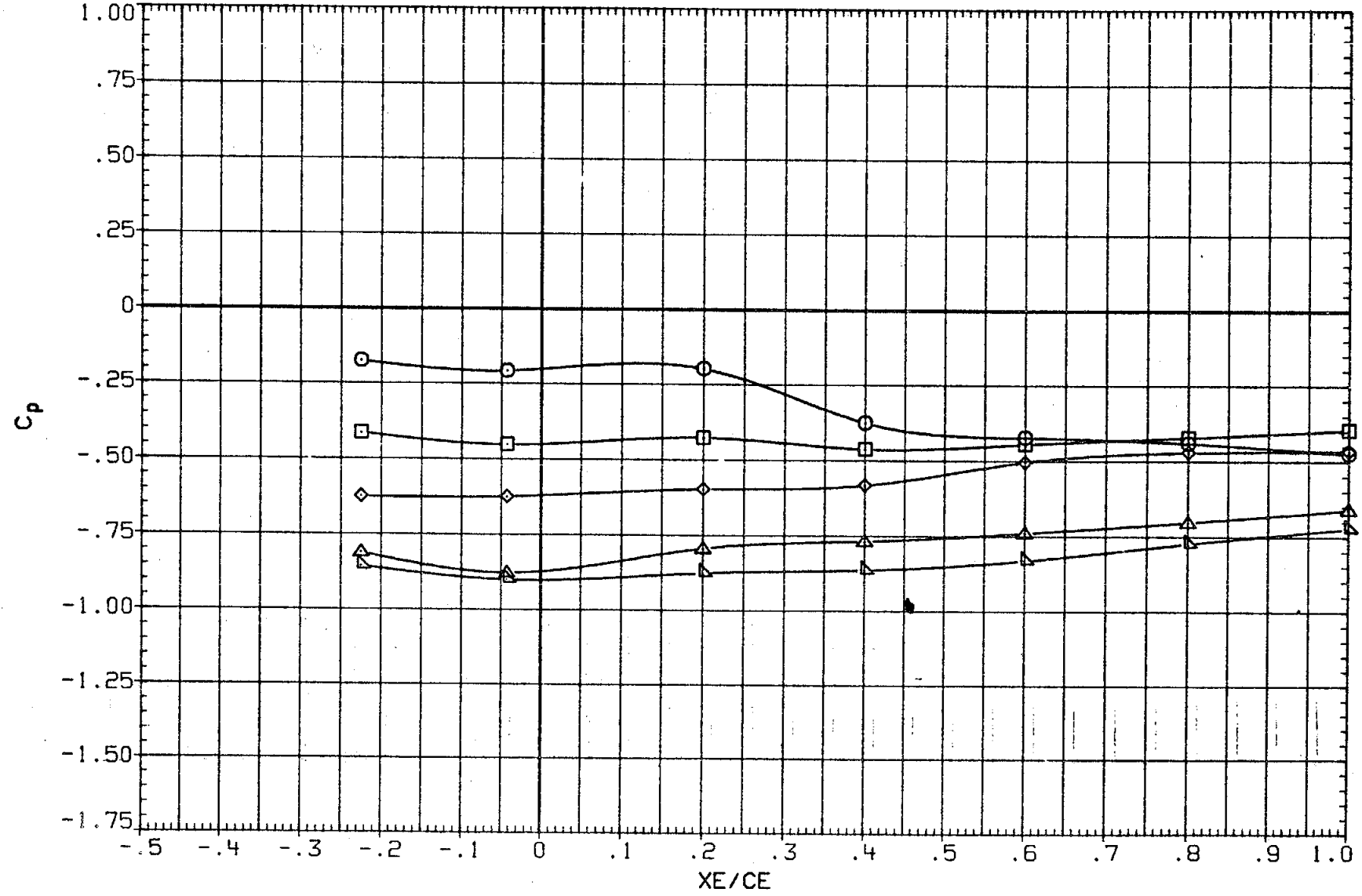


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNR33) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.960	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

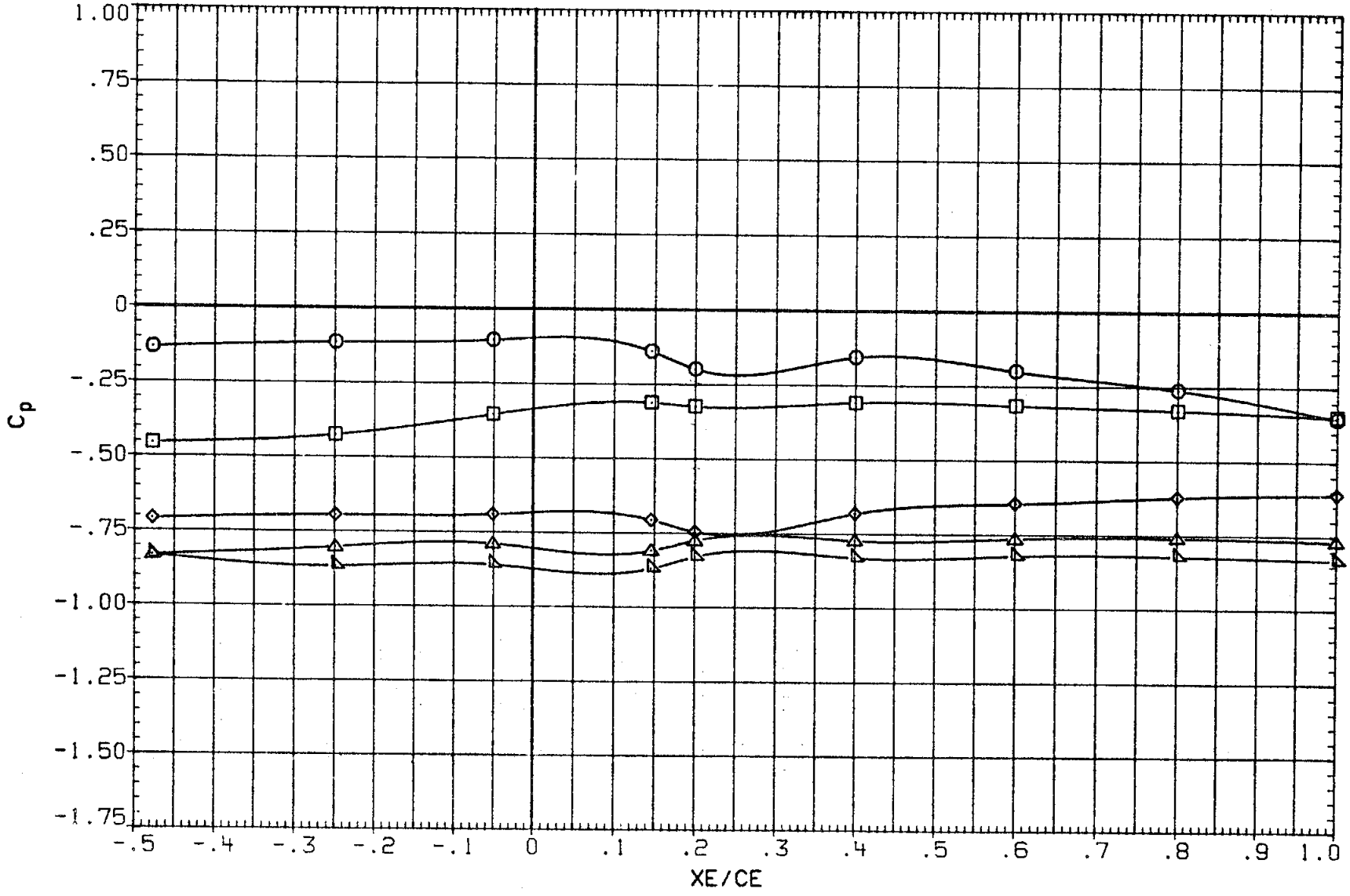


FIG. 52 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.715	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

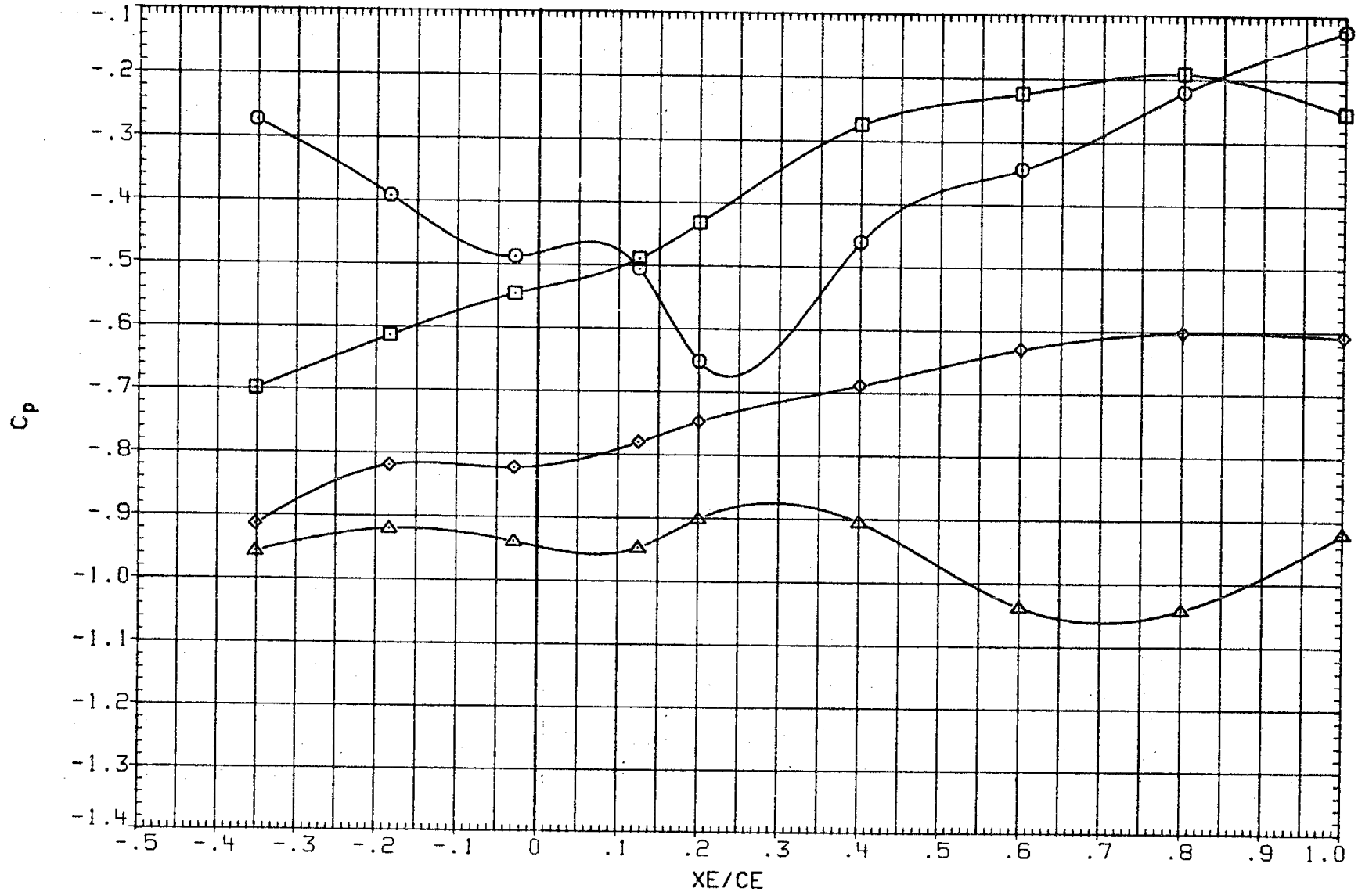


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.800	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

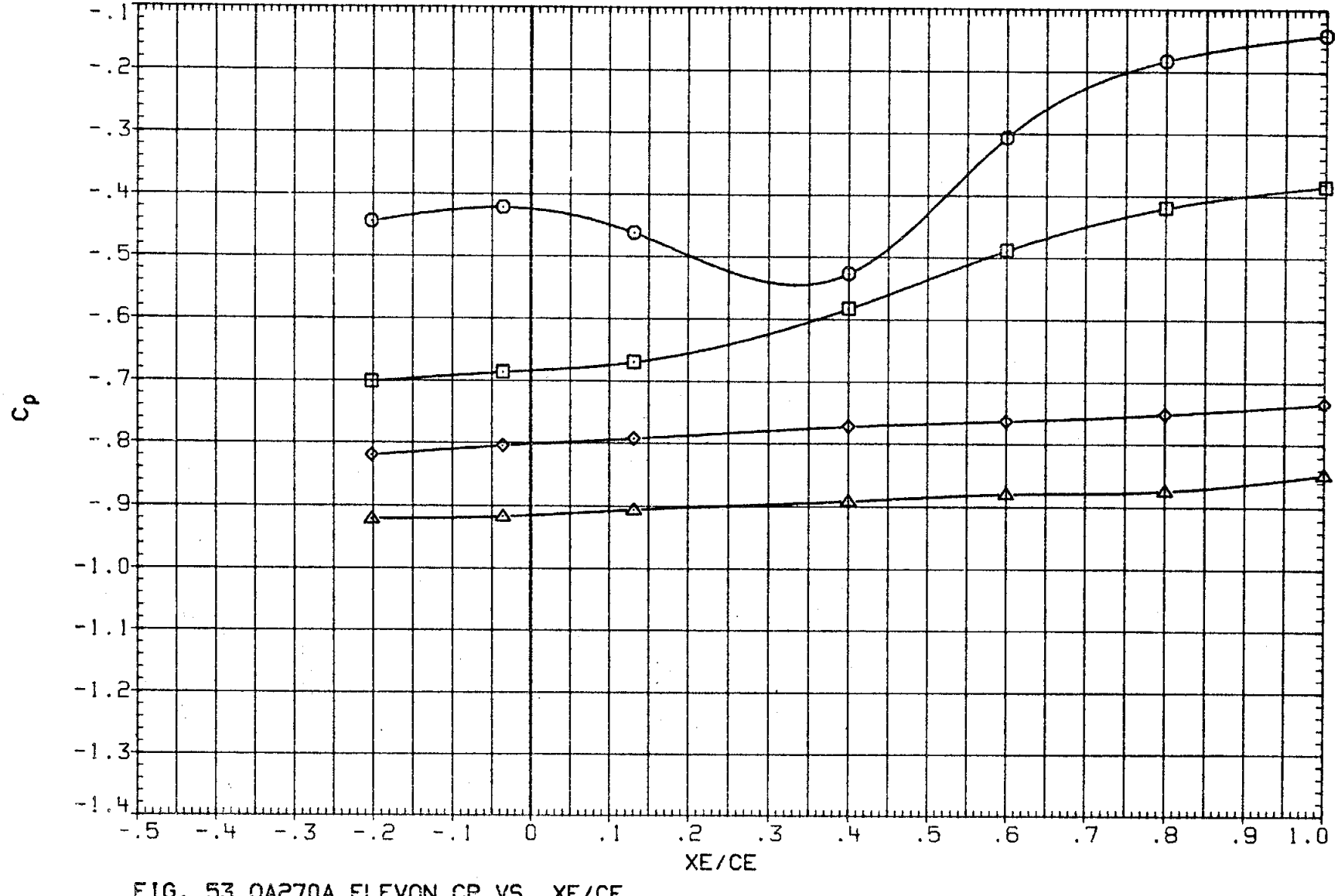


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.887	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

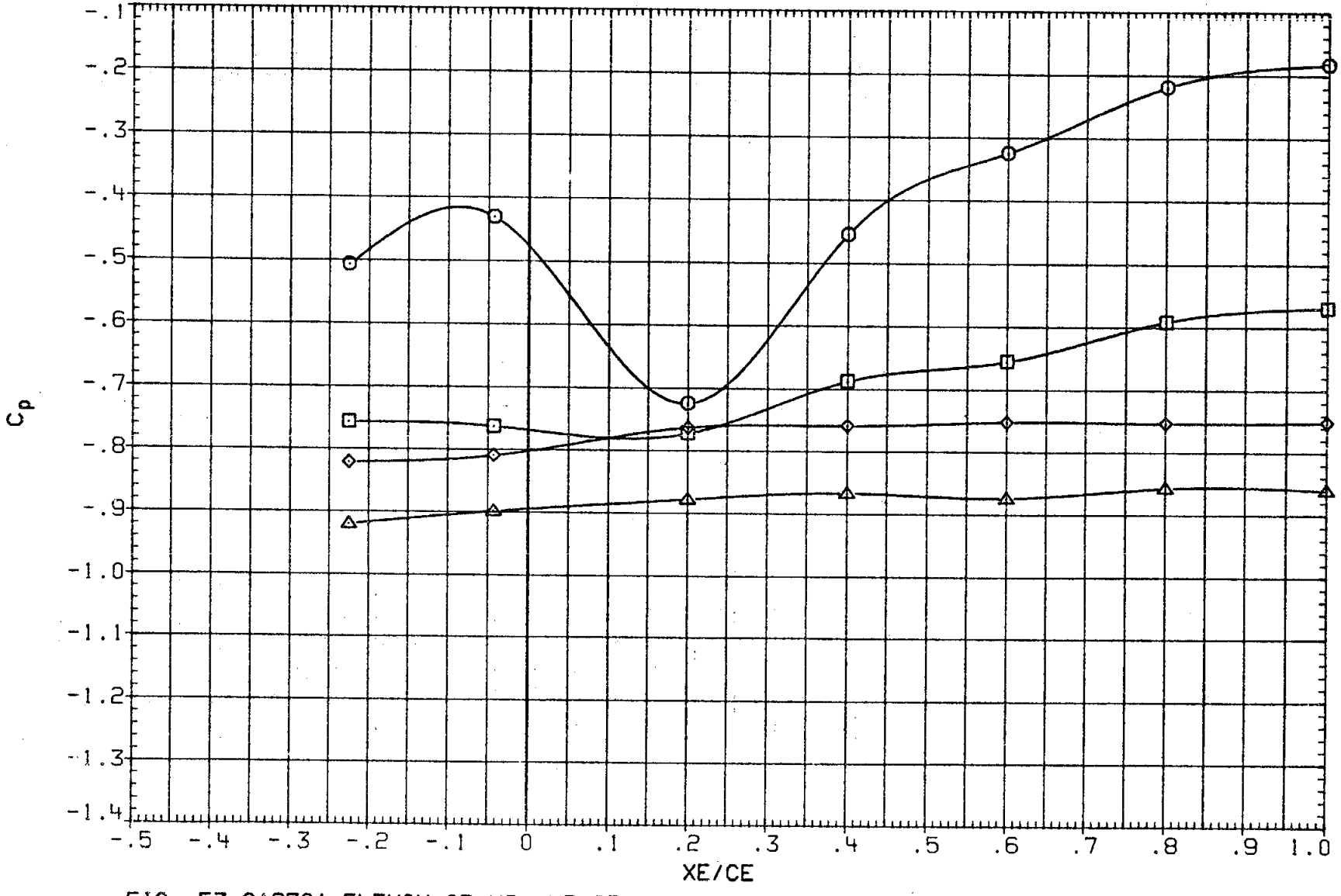


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.960	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

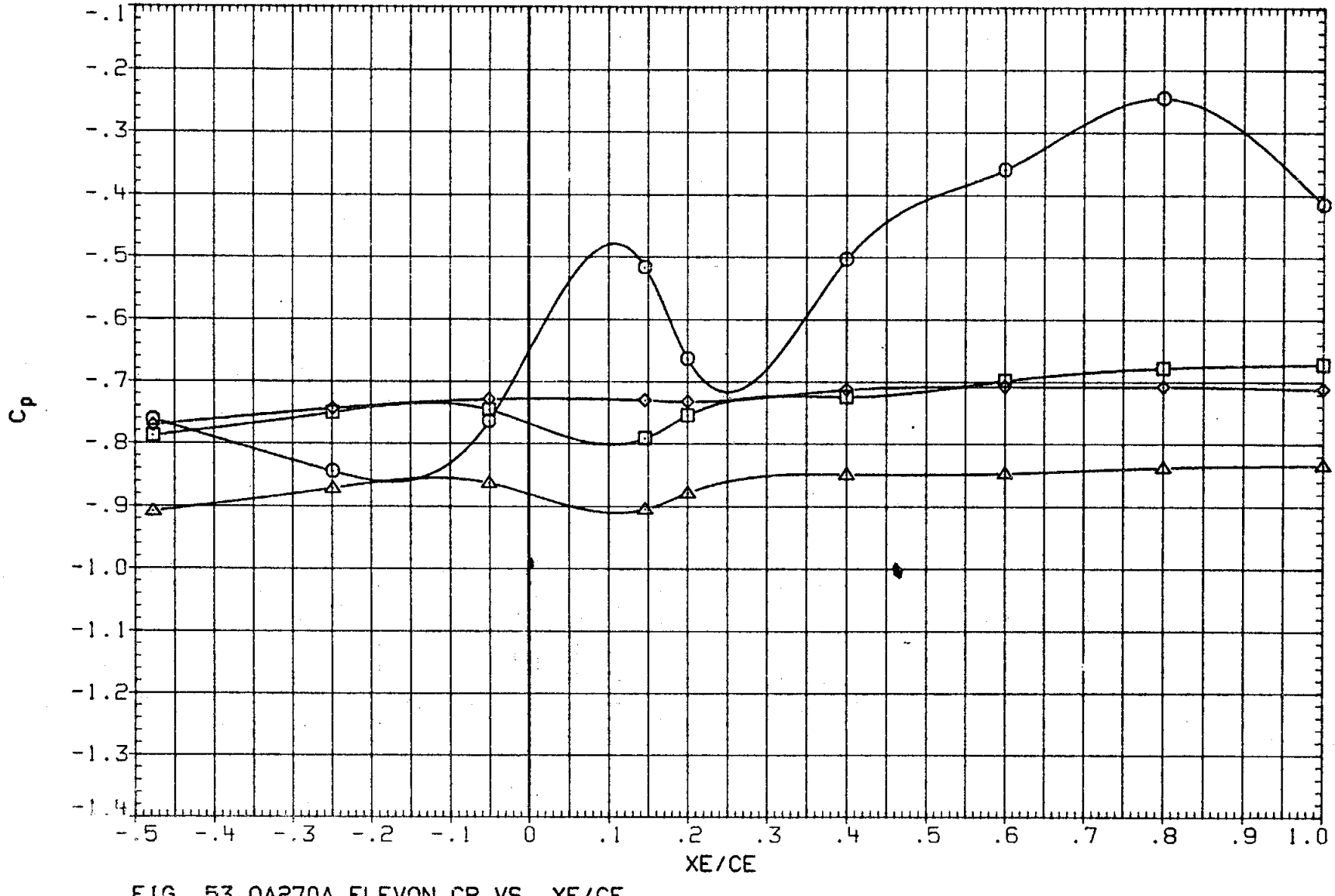


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.715	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

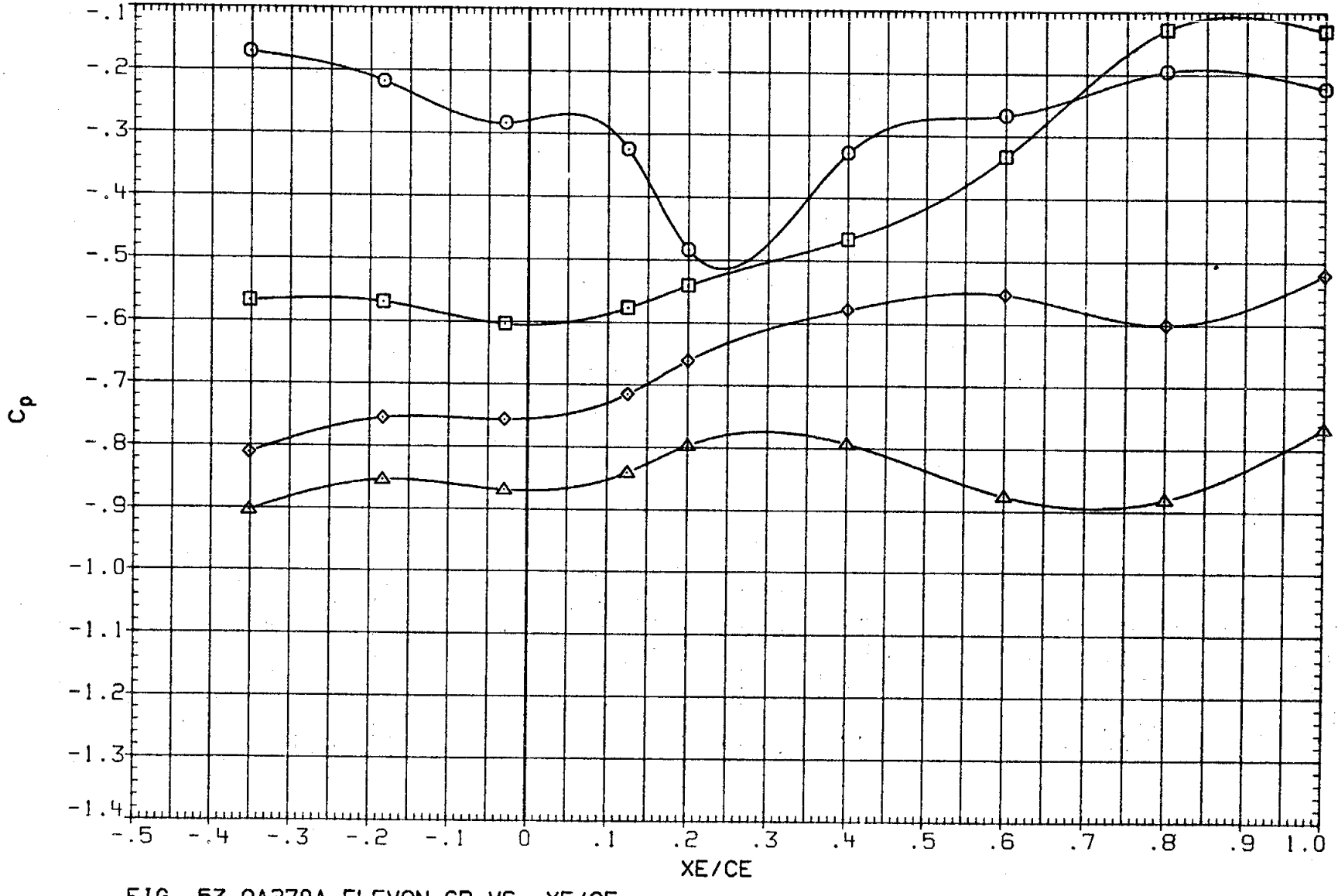


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.800	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

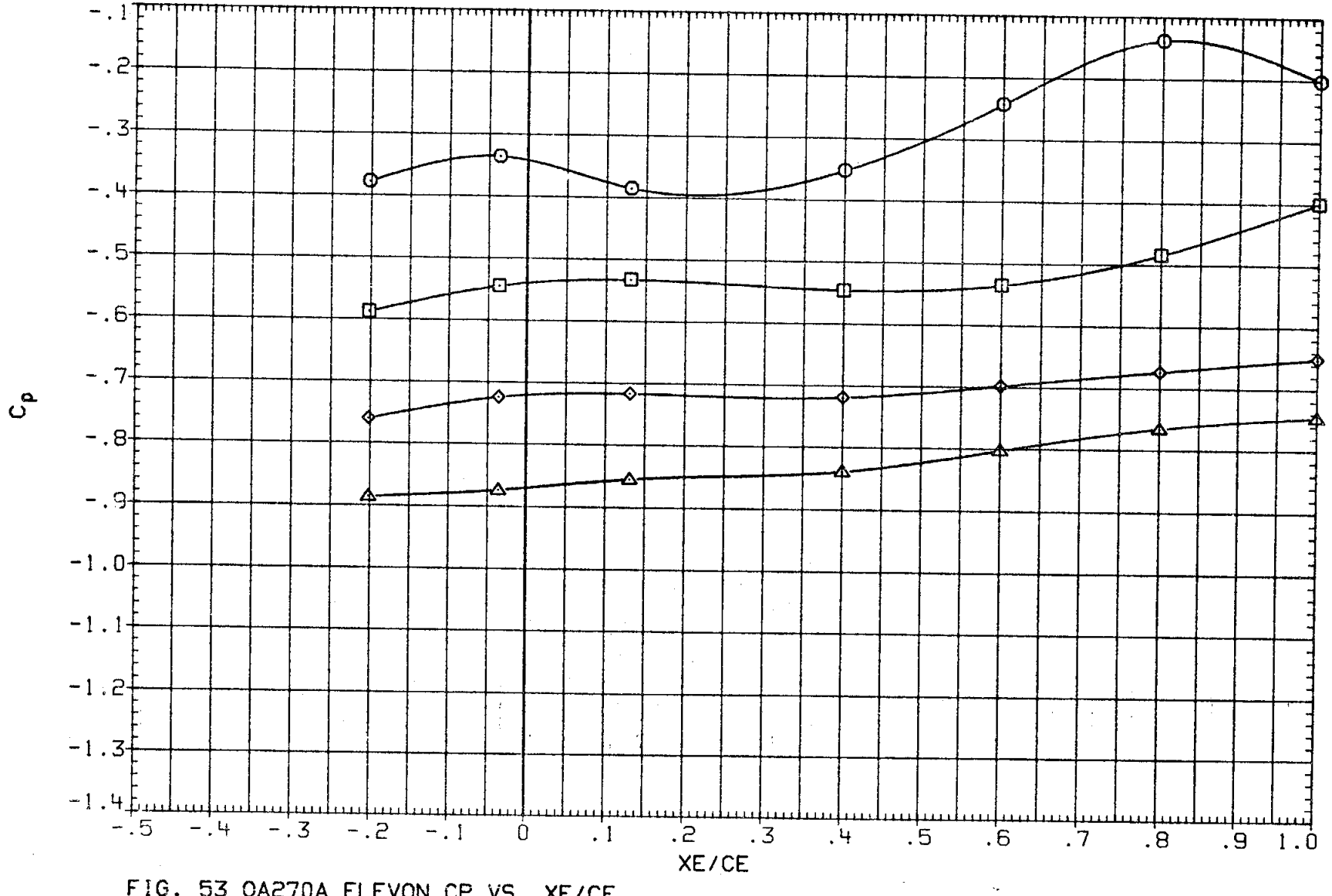


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.887	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

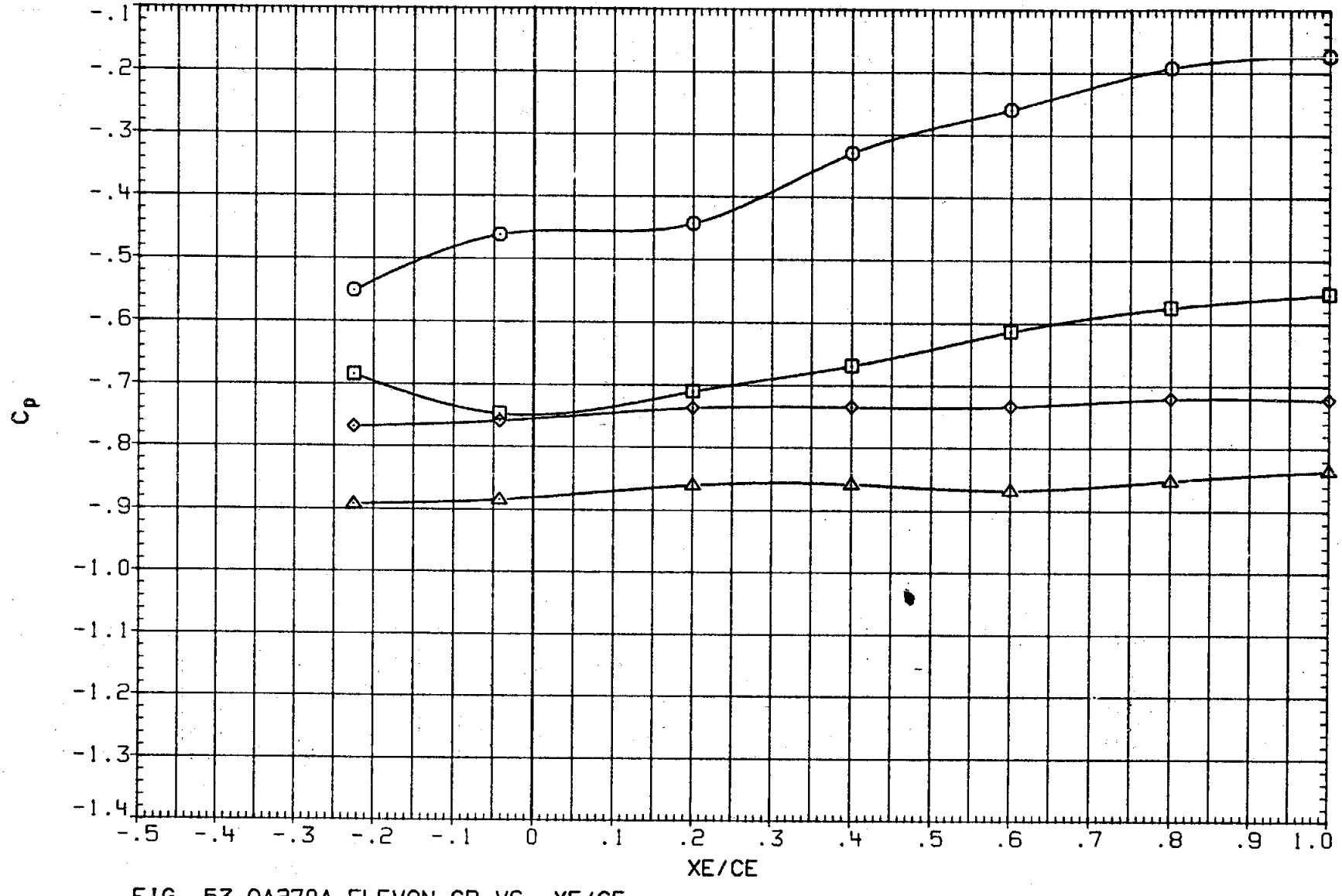


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR11) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.960	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

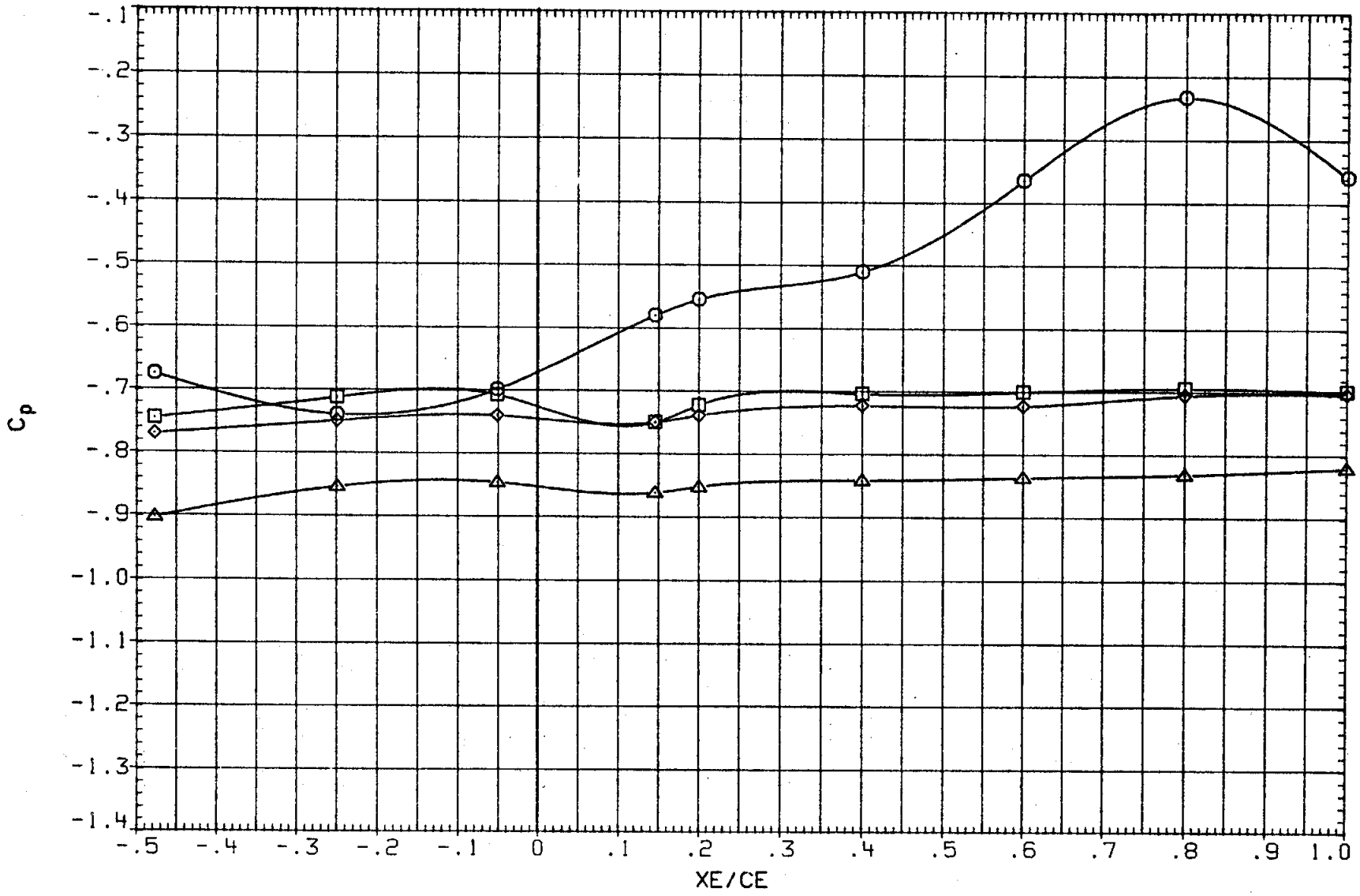


FIG. 53 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.715	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

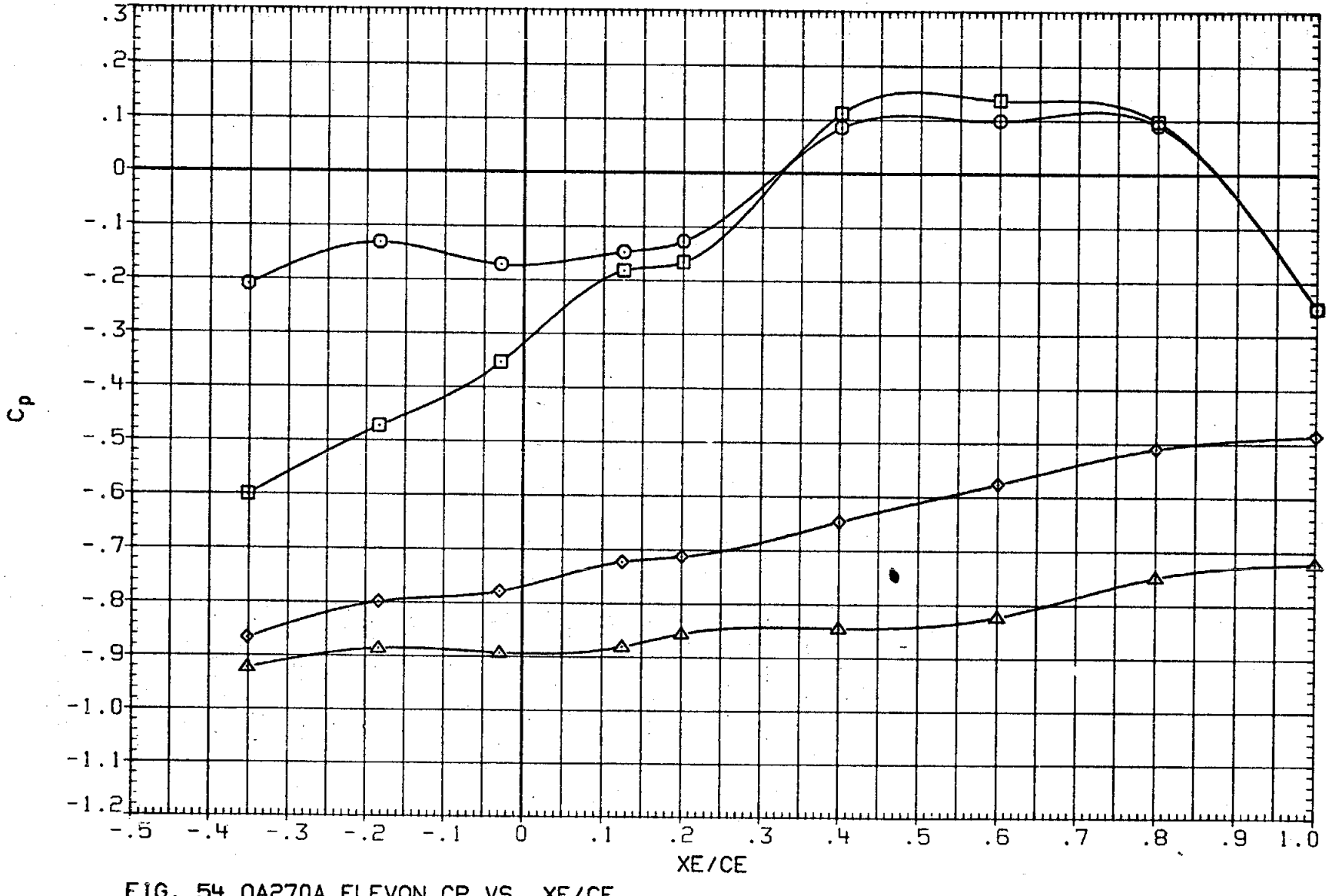


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.800	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

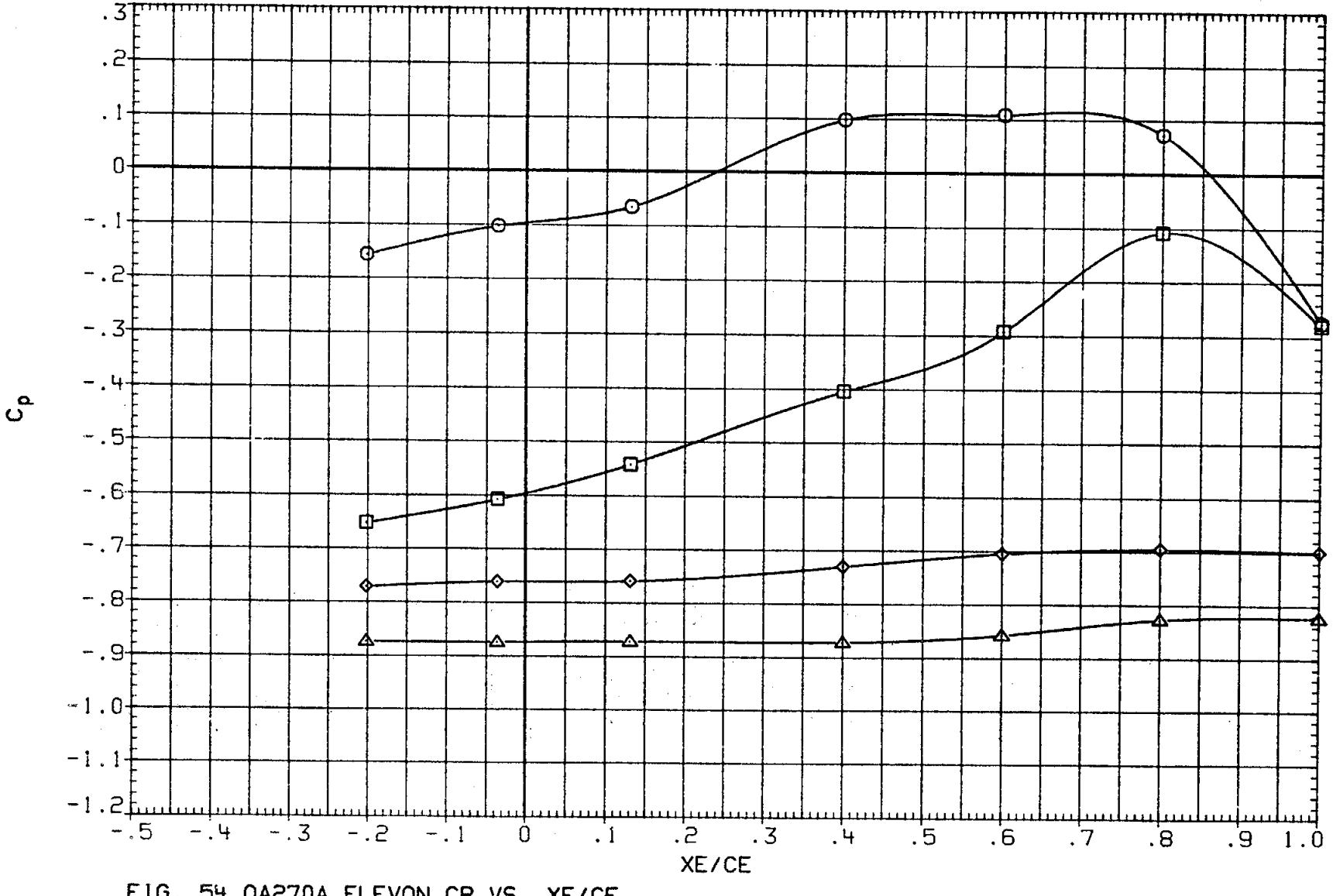


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.887	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

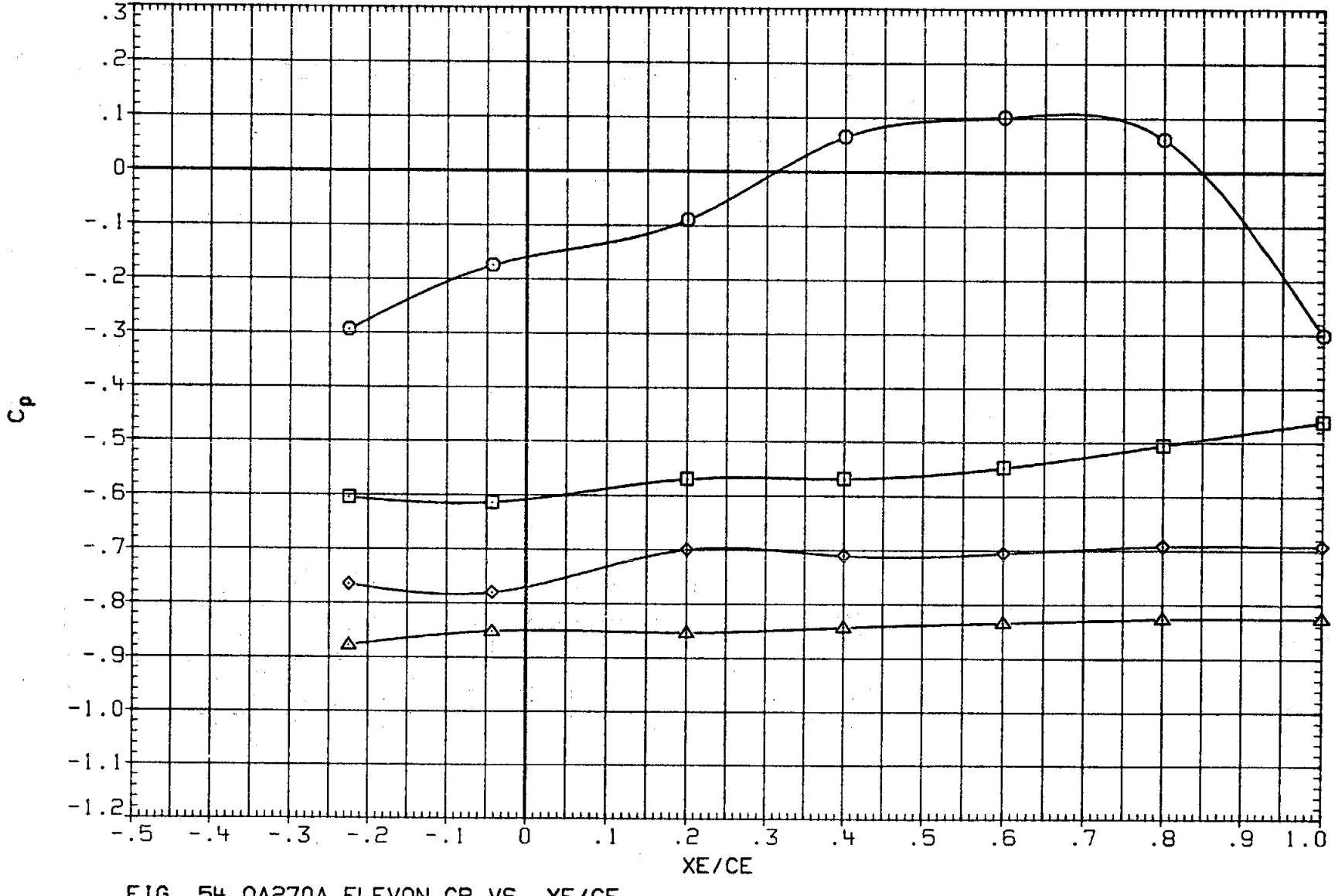


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.960	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

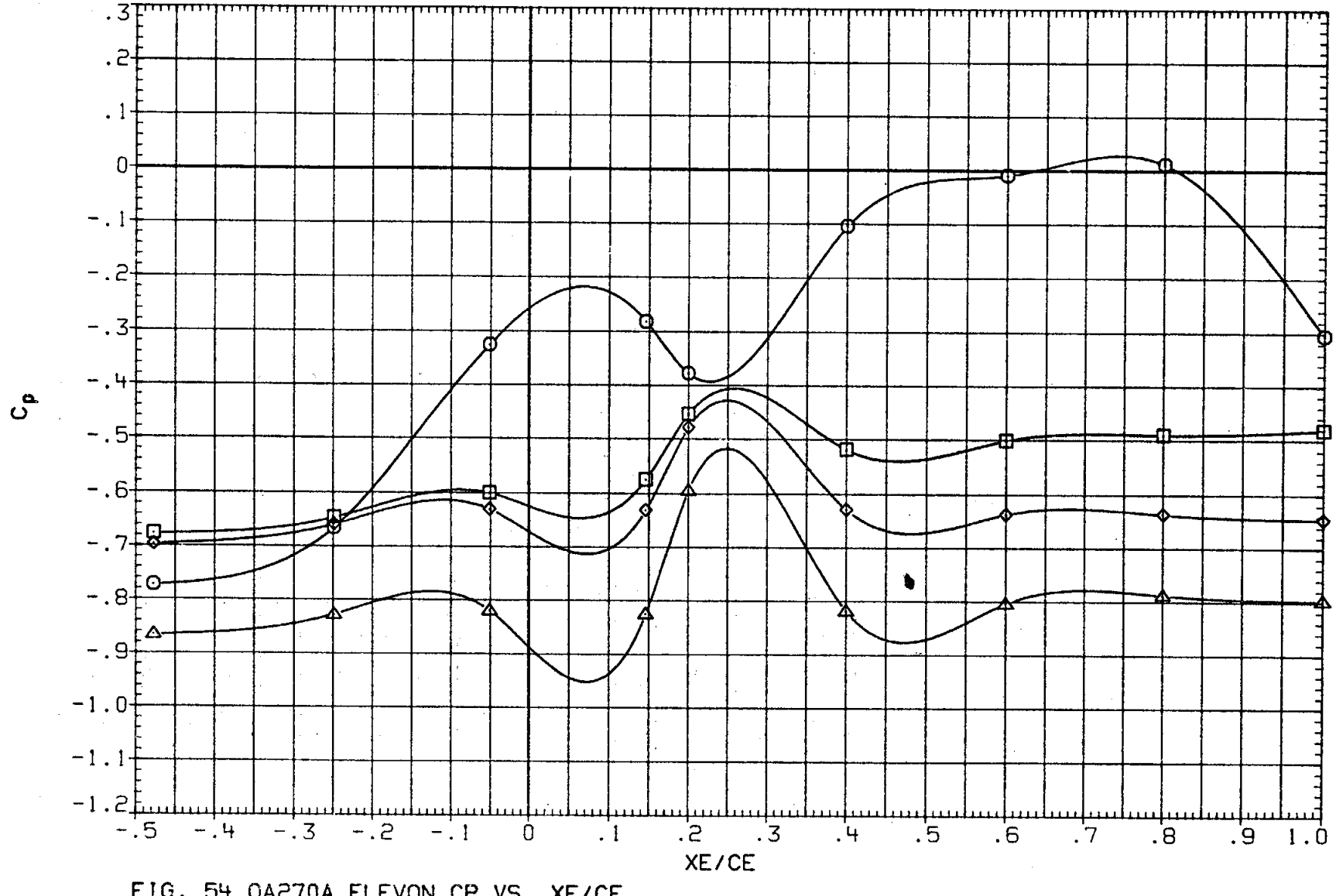


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.715	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

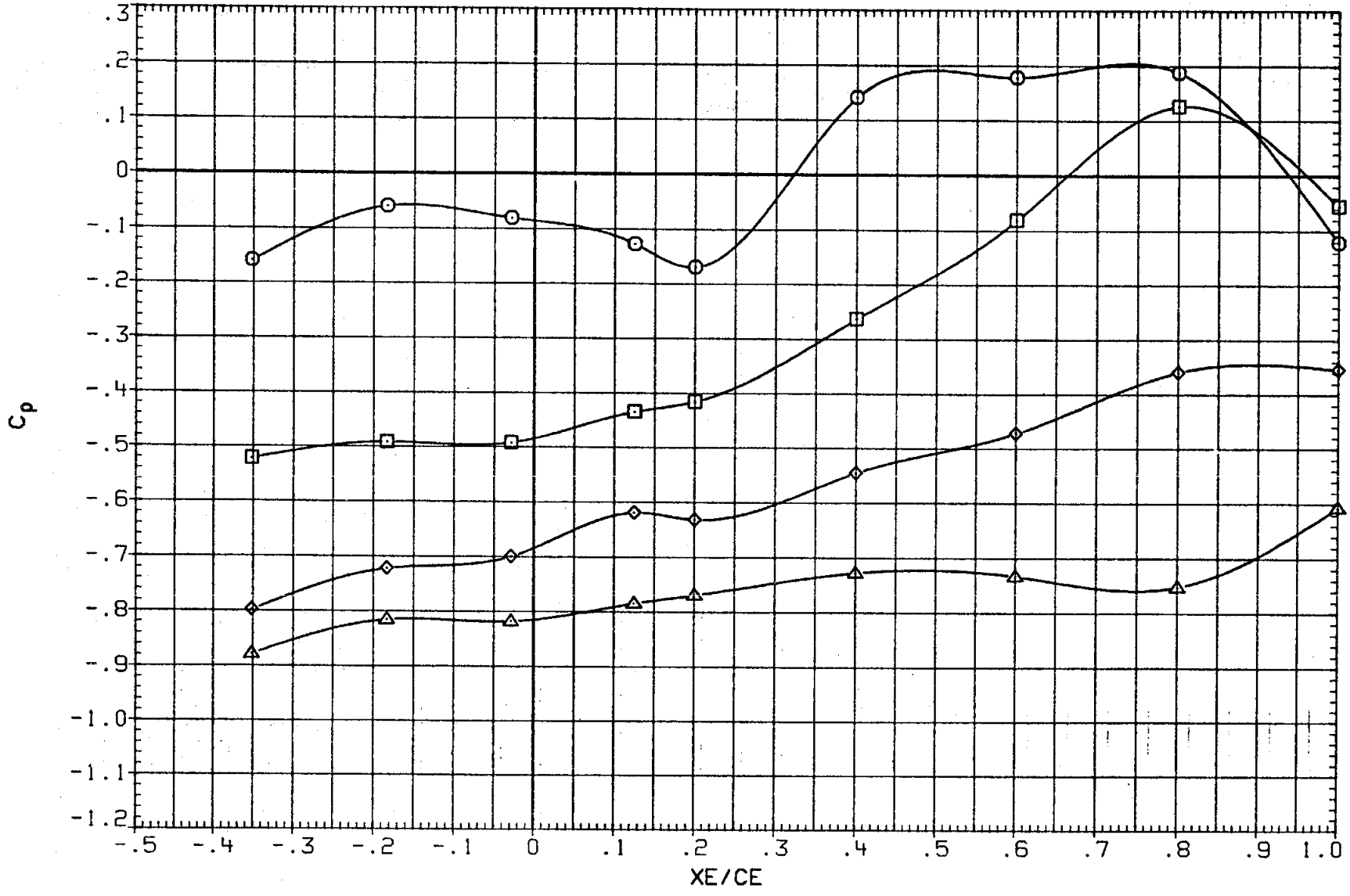


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.800	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

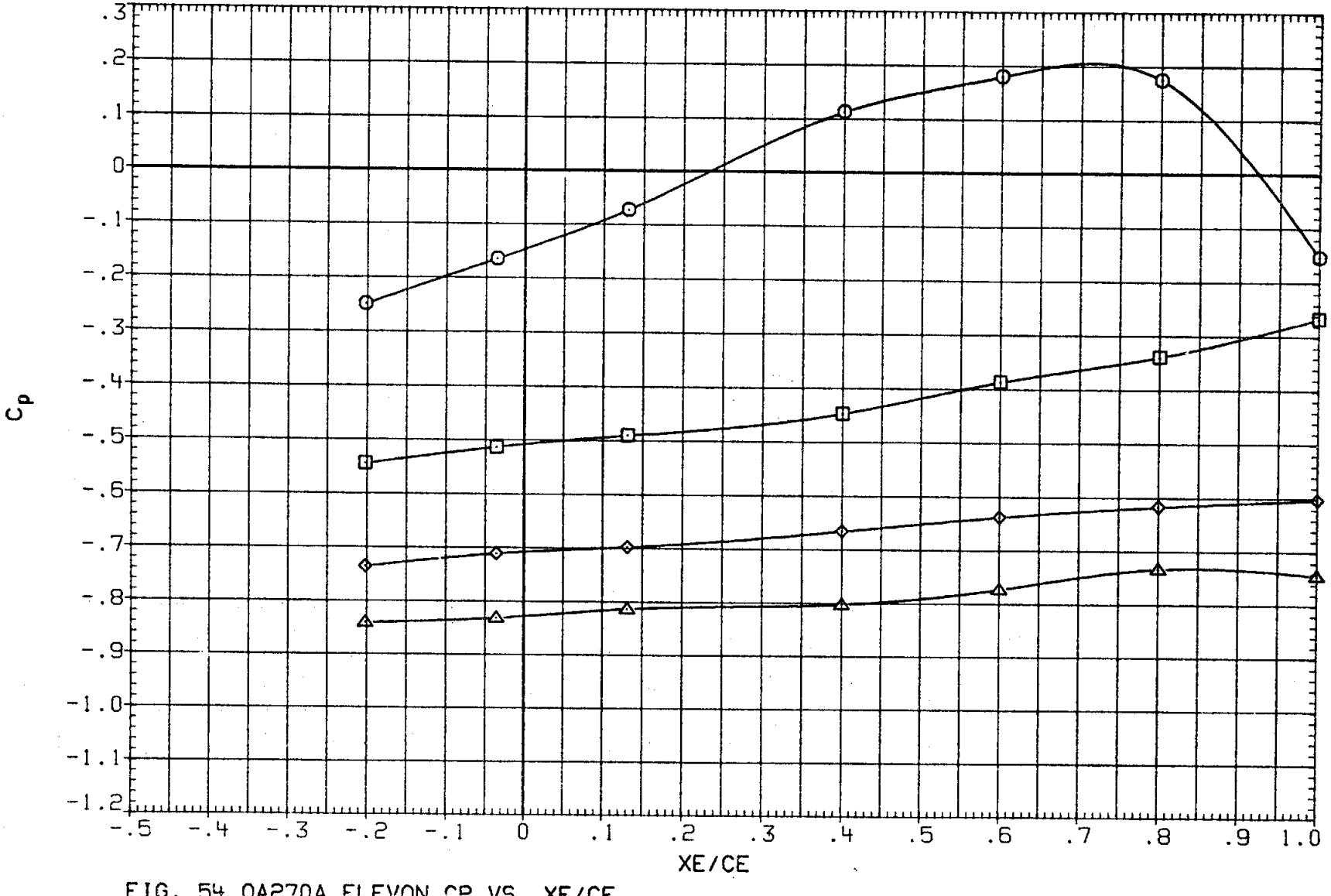


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.887	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

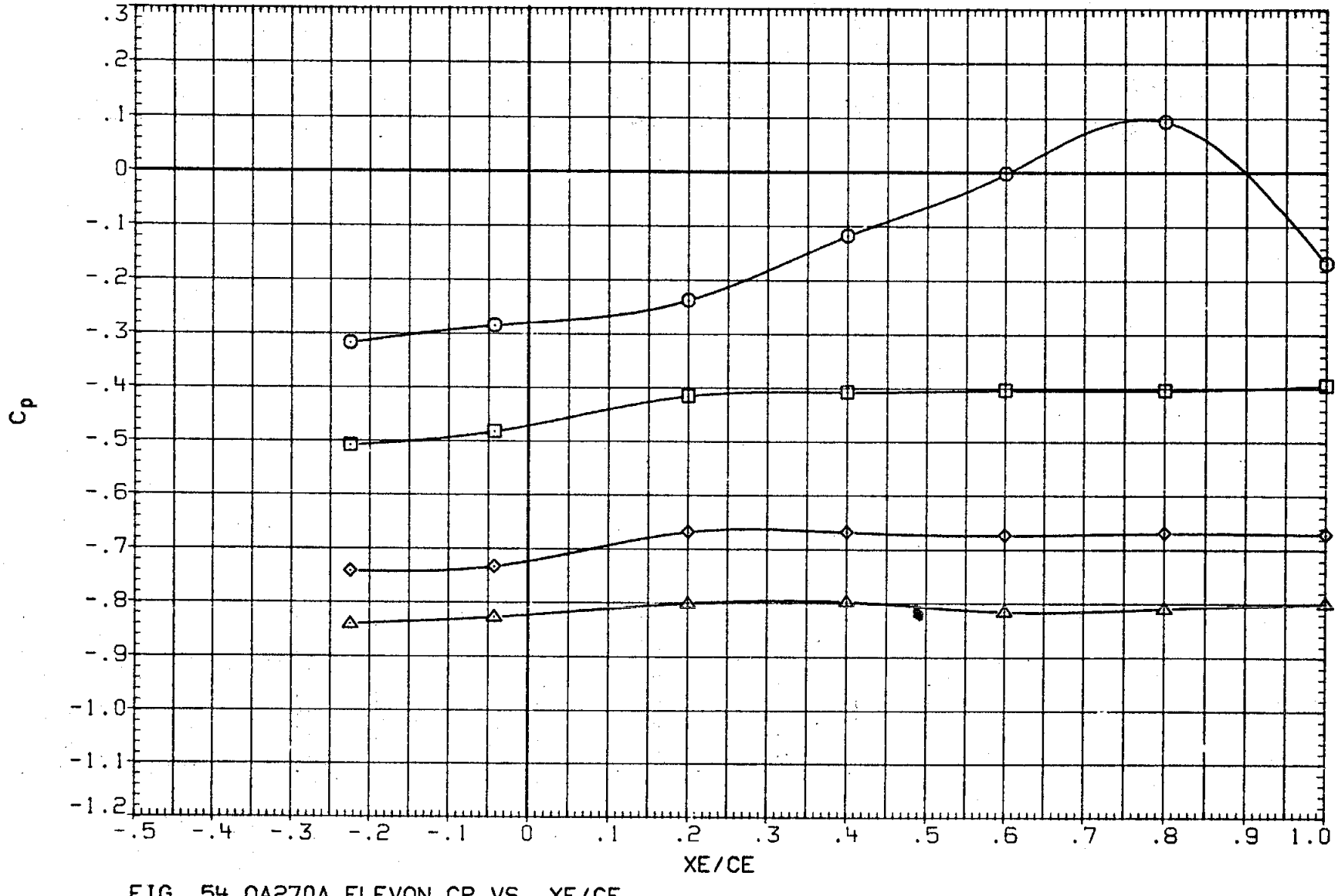


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNR04) LARC 16 TWT 326(0A270A) ELEVON OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.960	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

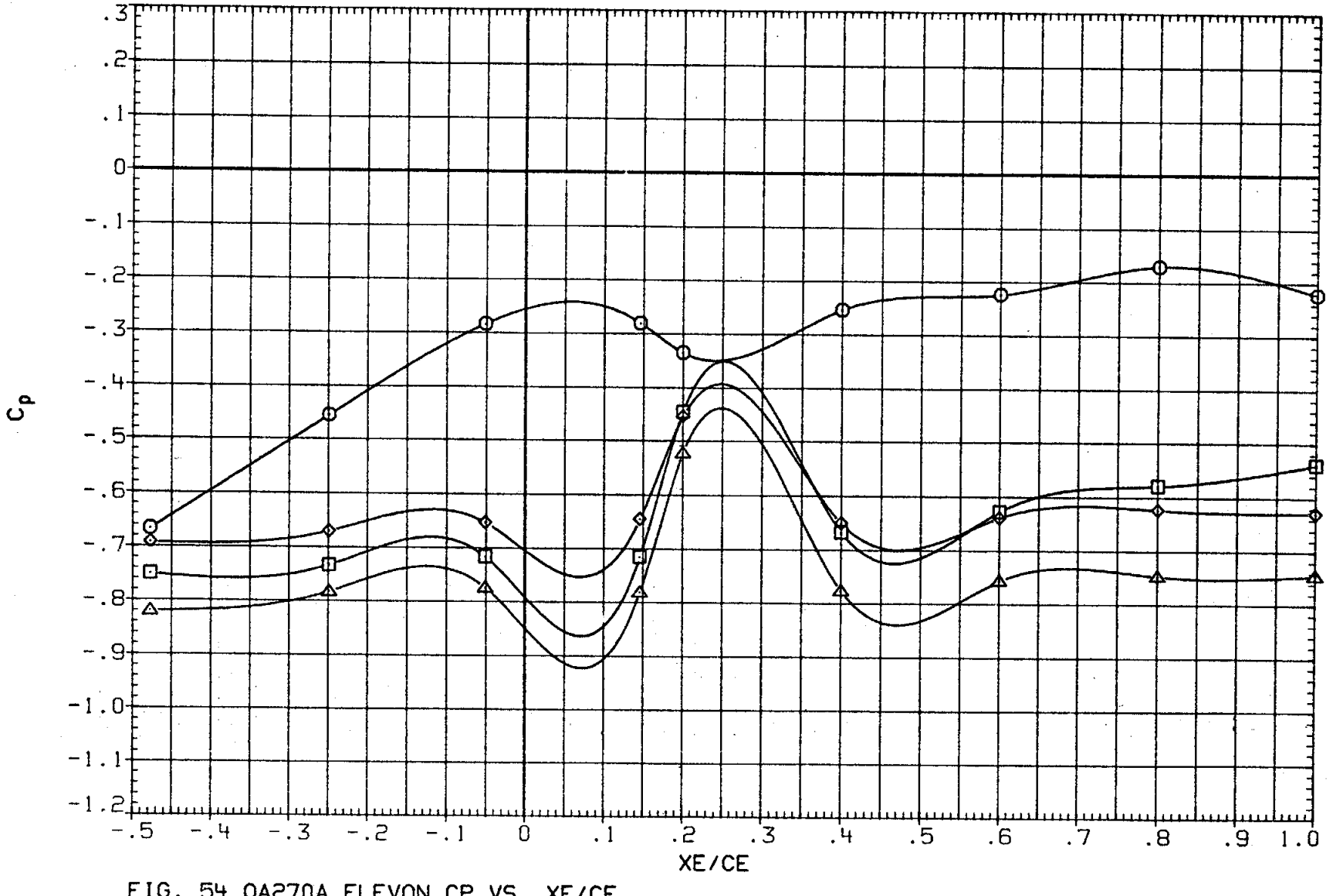


FIG. 54 0A270A ELEVON CP VS. XE/CE,
OUTBOARD UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.340	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

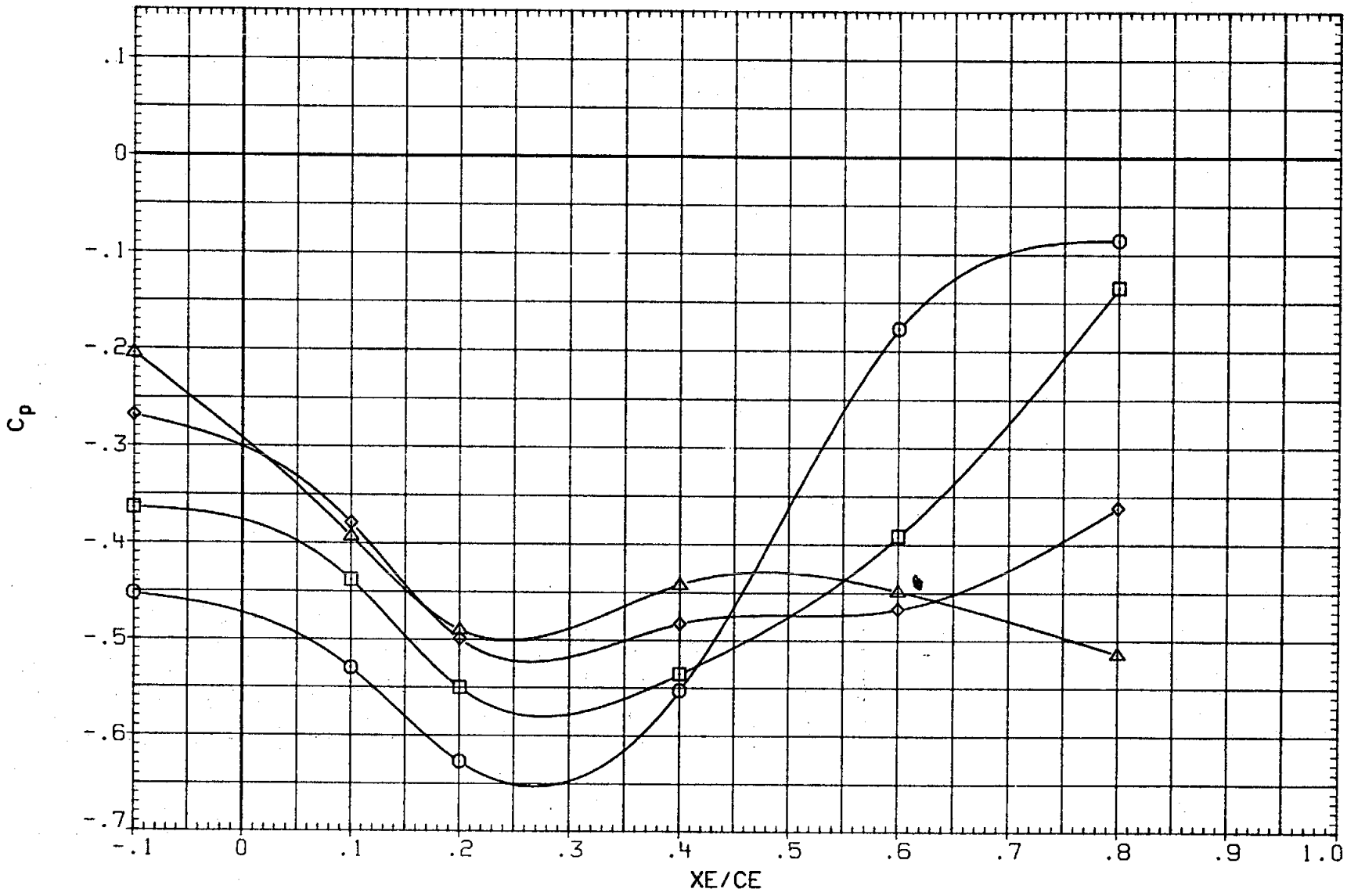


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.427	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

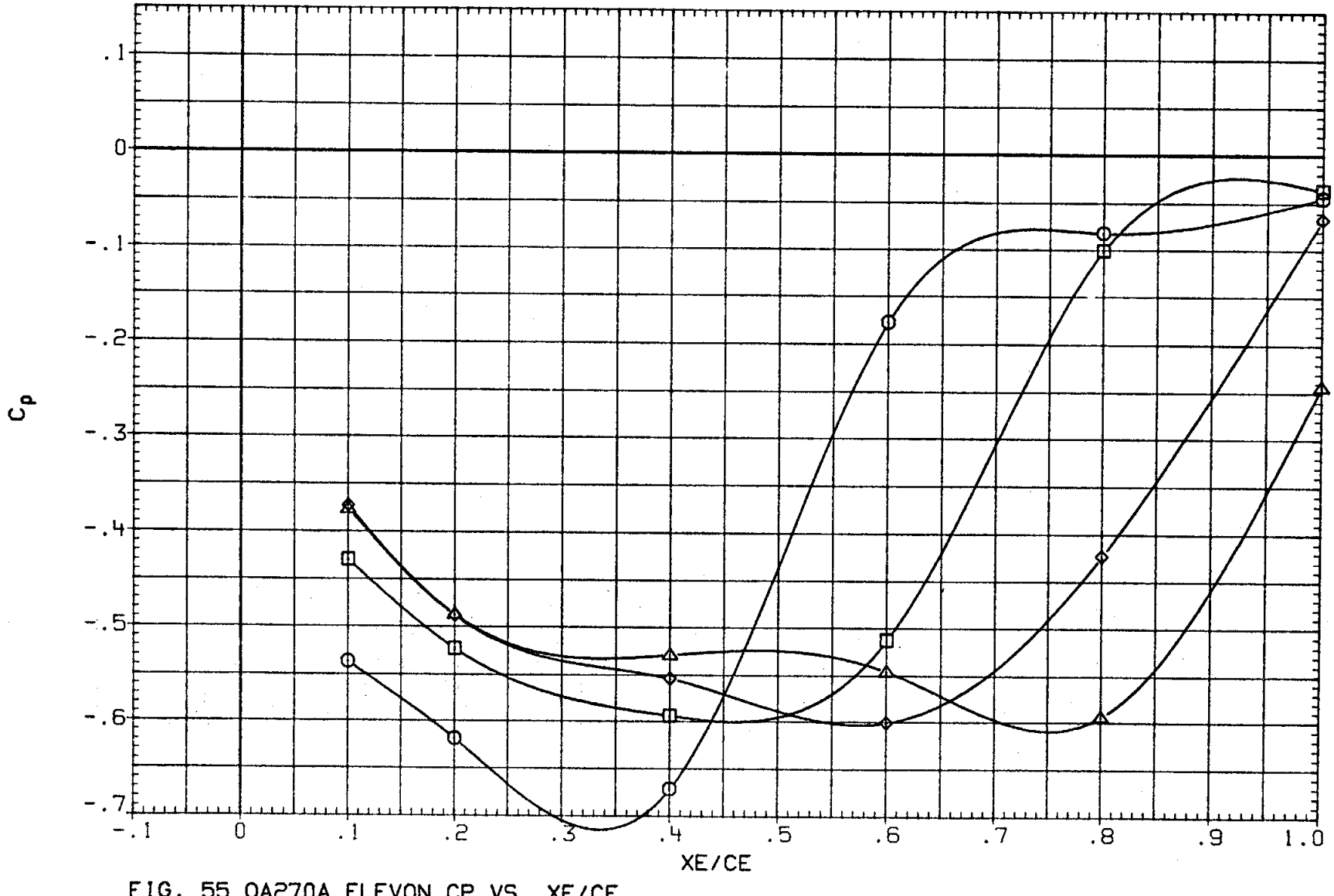


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.534	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

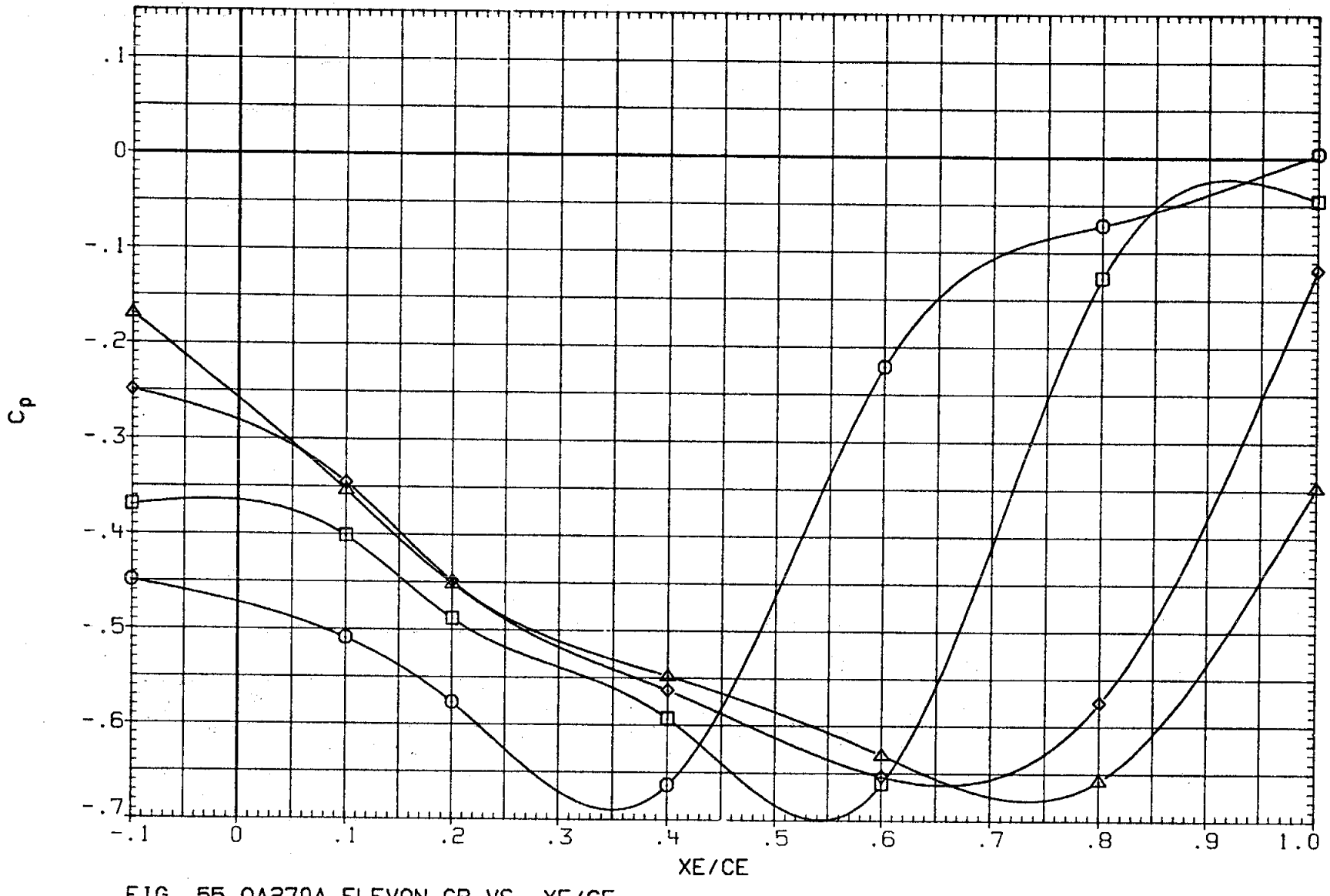


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.615	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

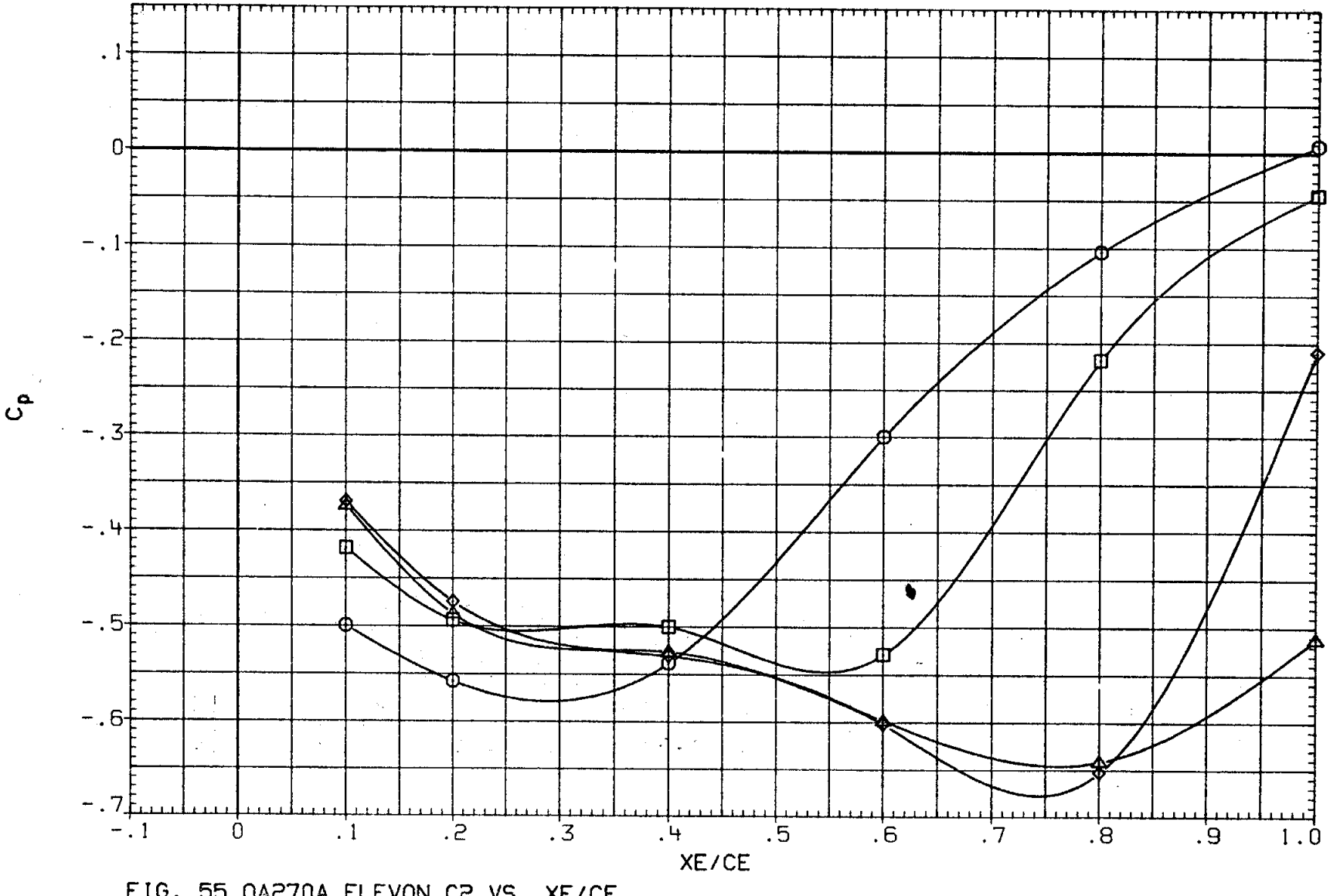


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(OA270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.340	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

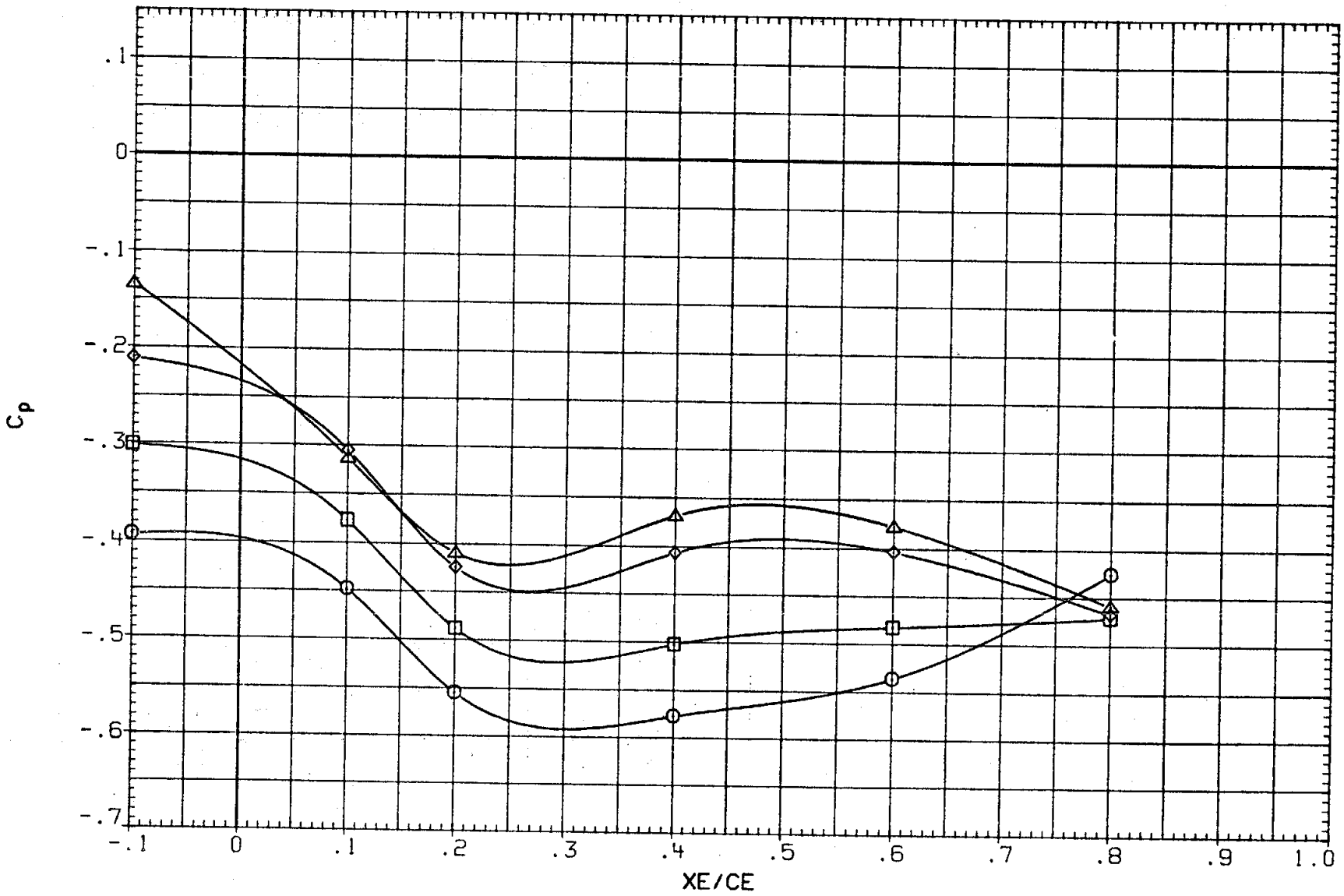


FIG. 55 OA270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.427	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

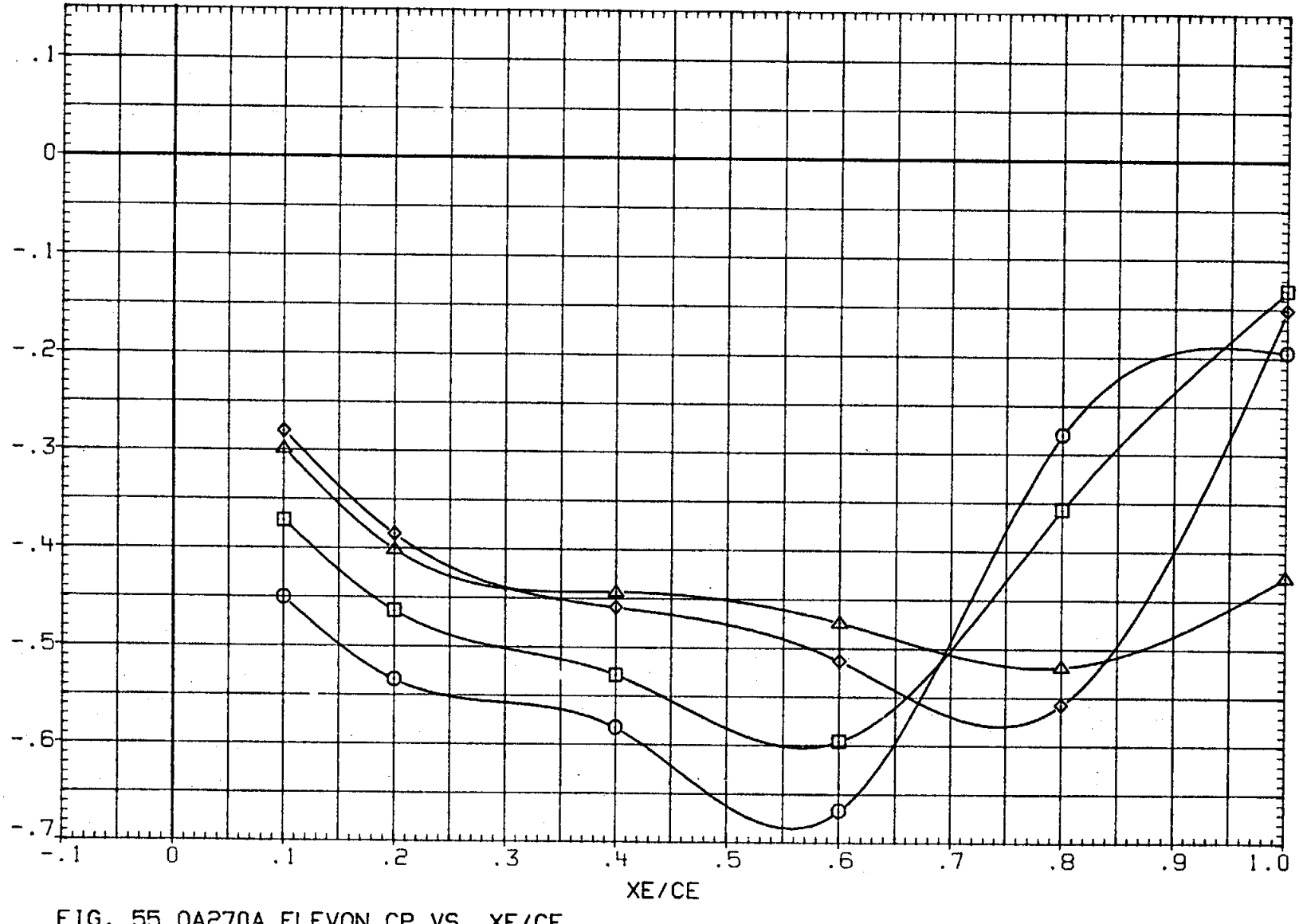


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.534	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

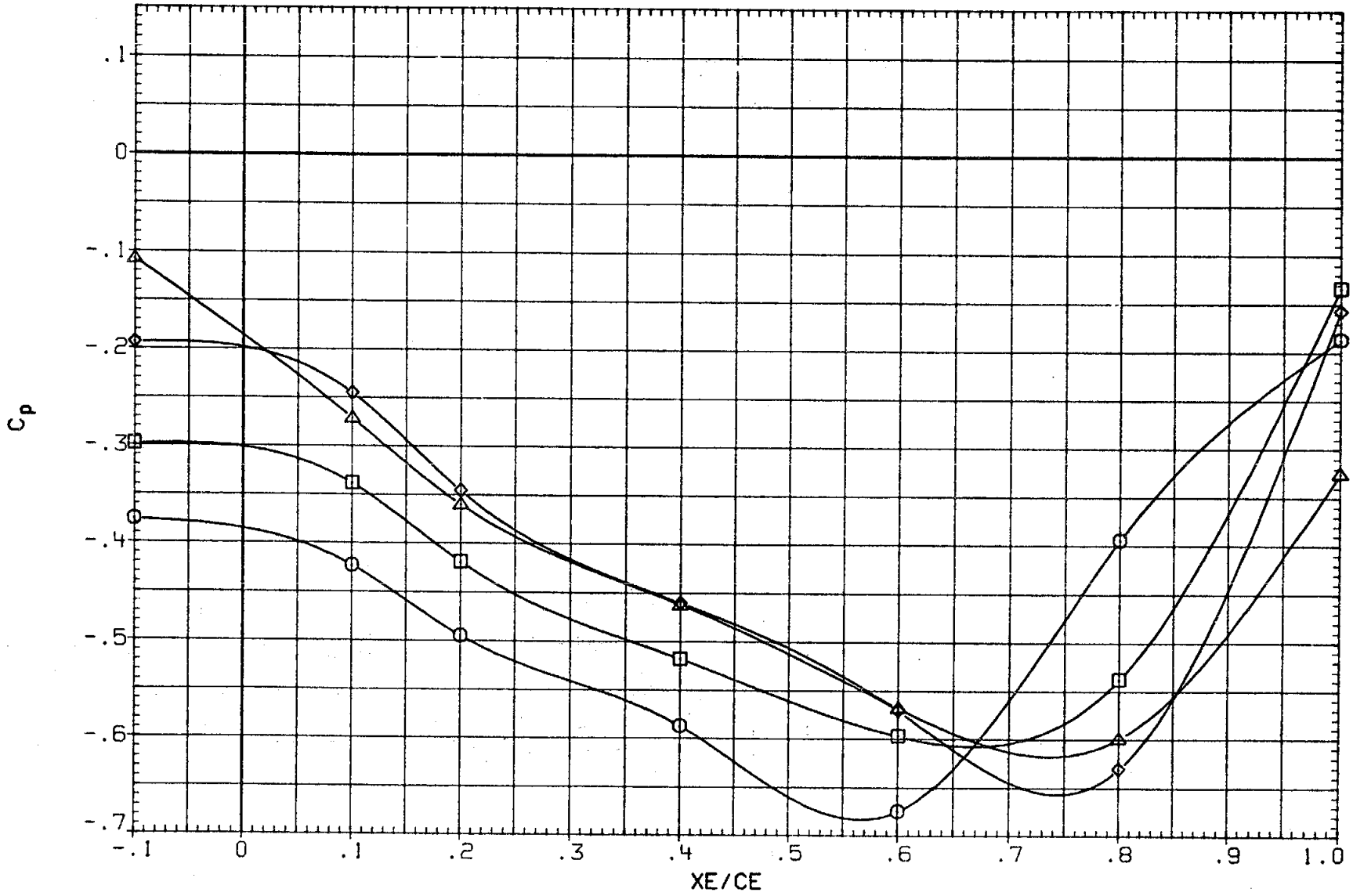


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.615	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

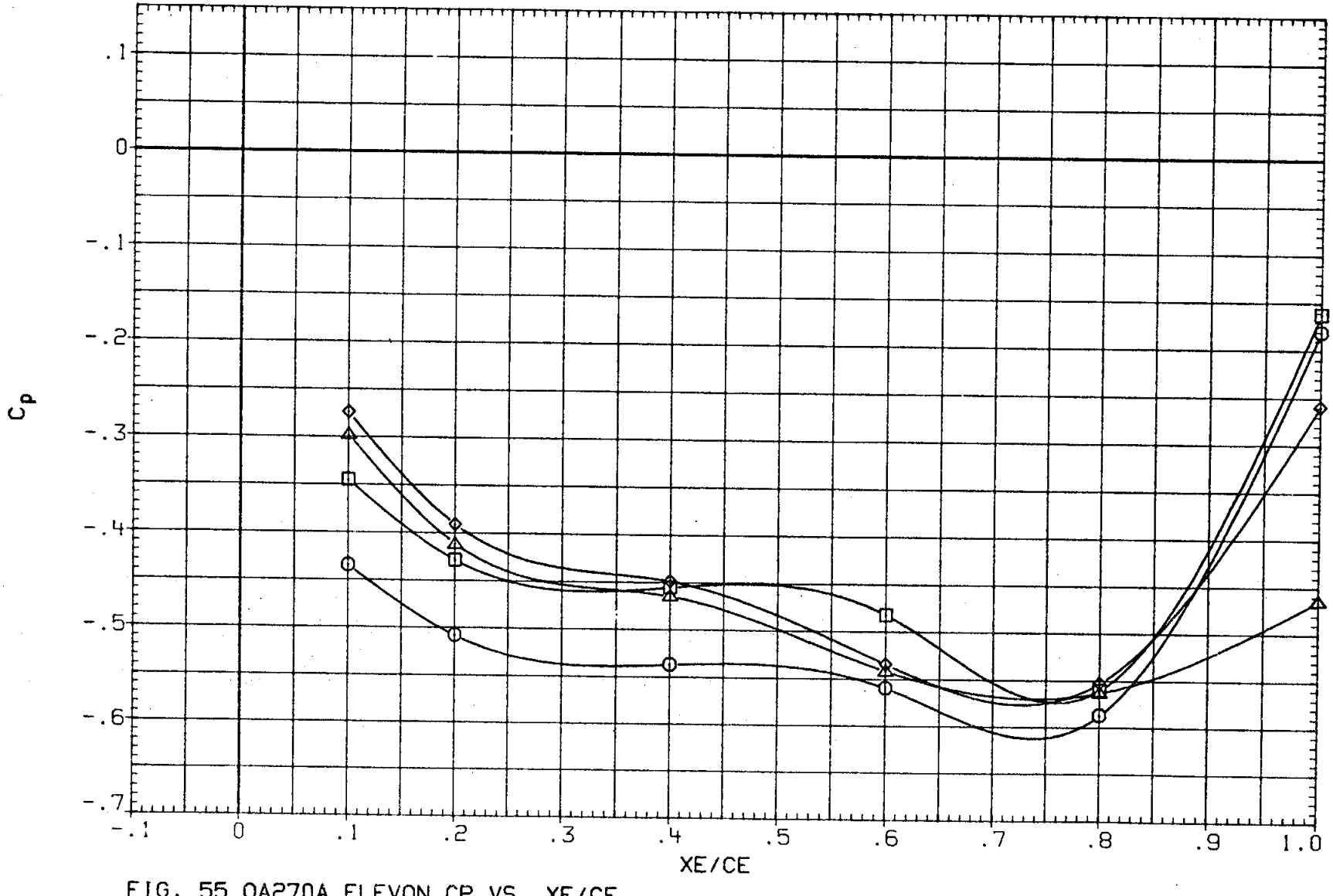


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.340	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

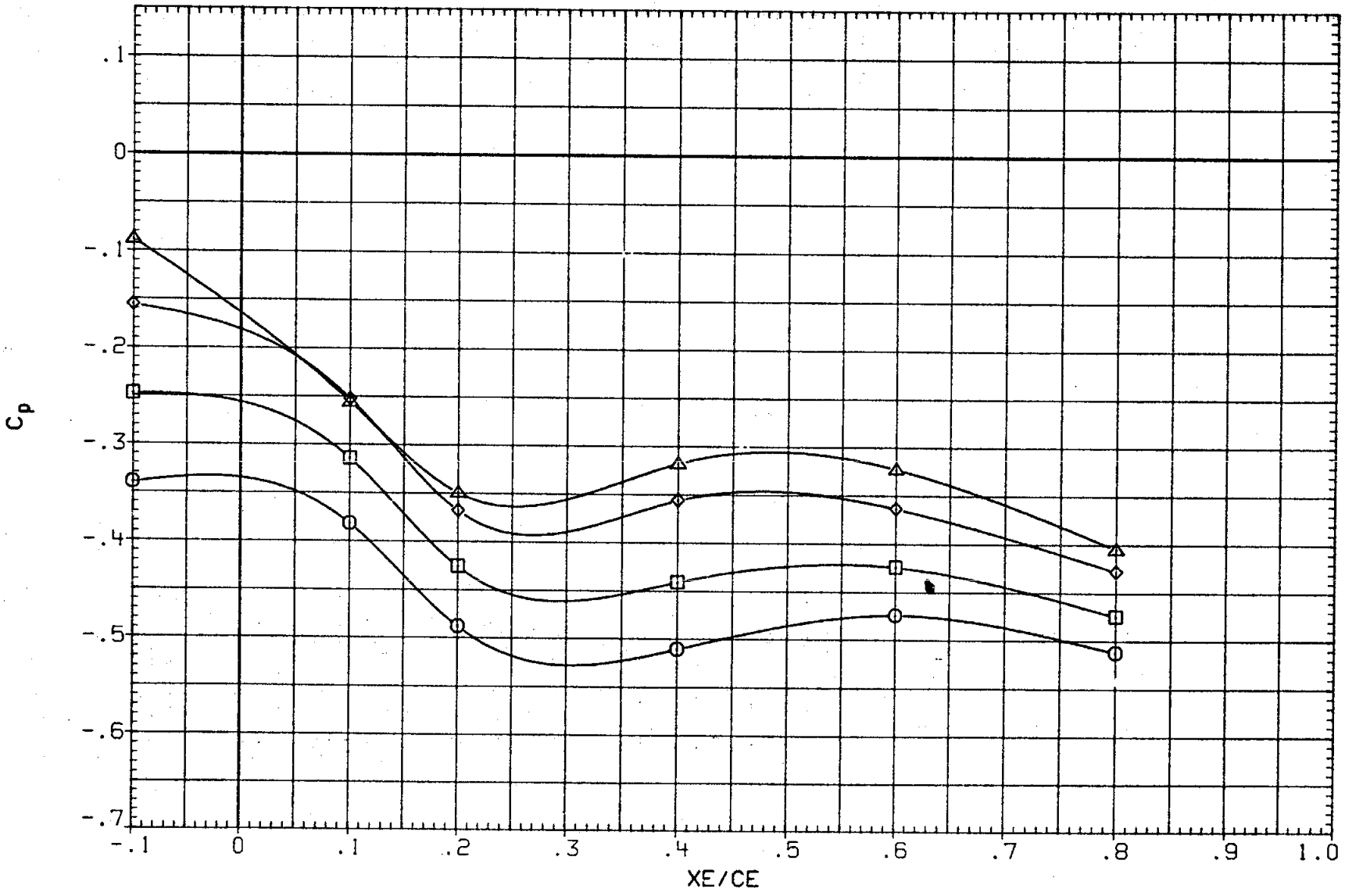


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.427	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

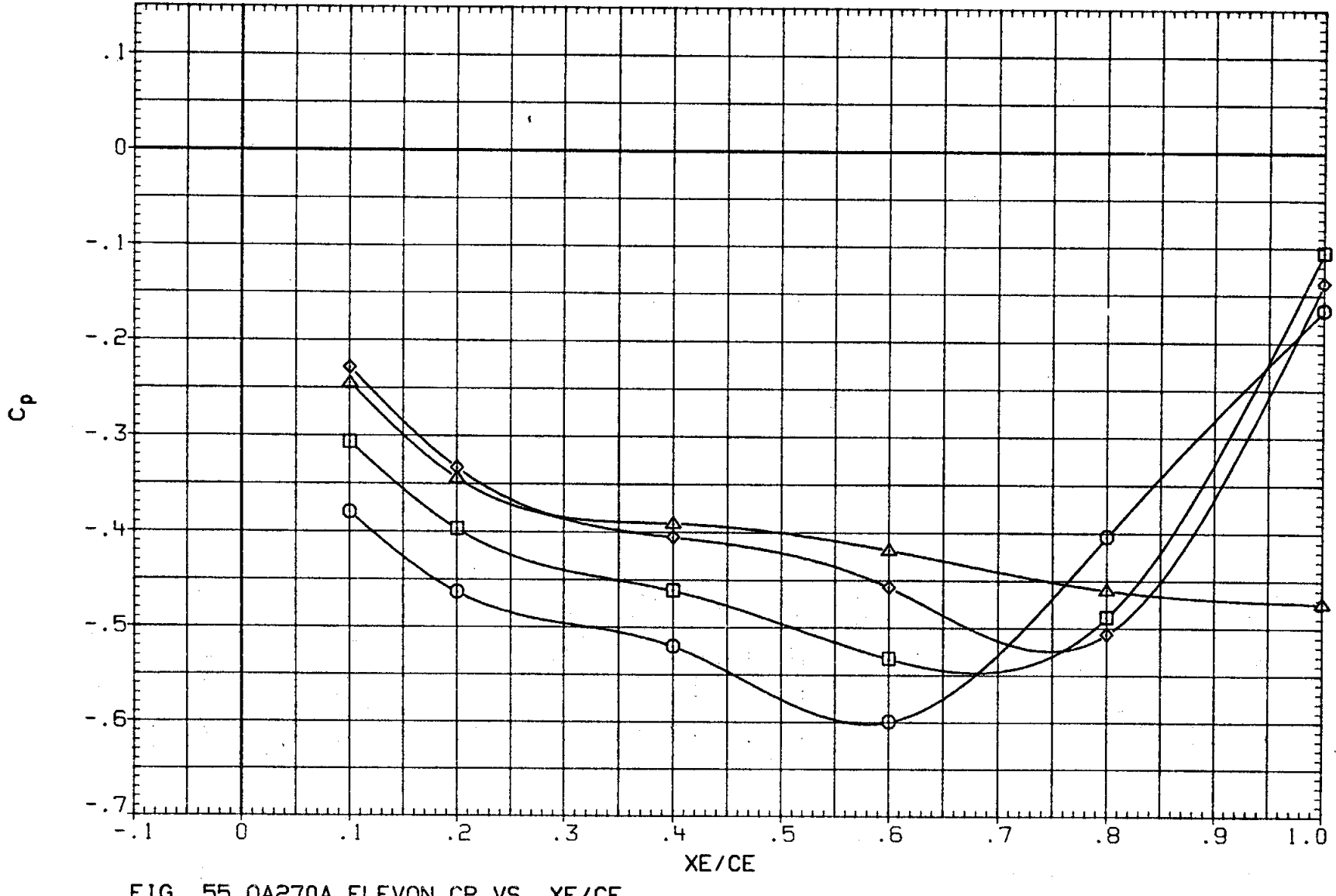


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.534	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

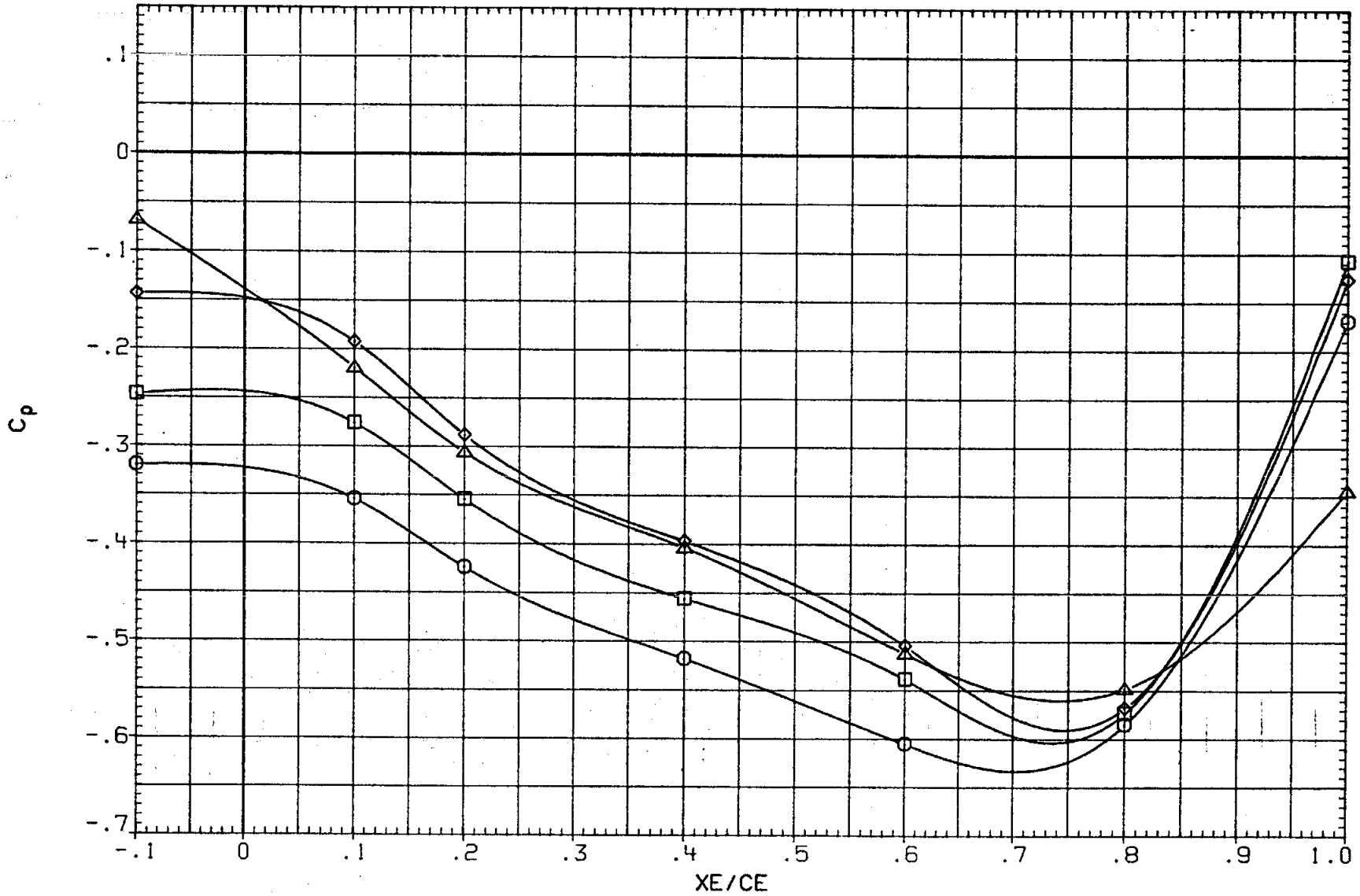


FIG. 55 0A270A ELEVON CP VS. XE/CE, INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.615	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

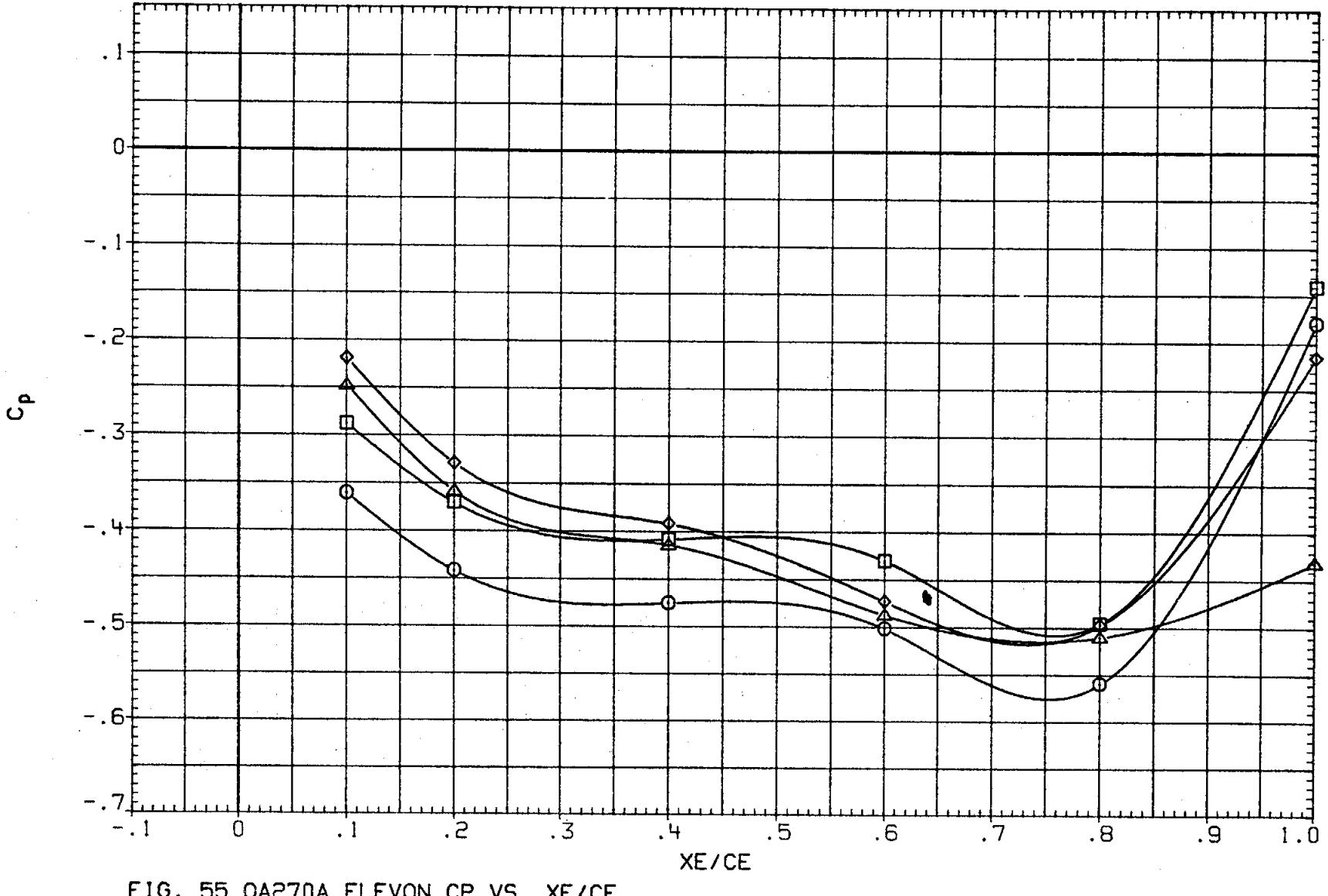


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.340	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

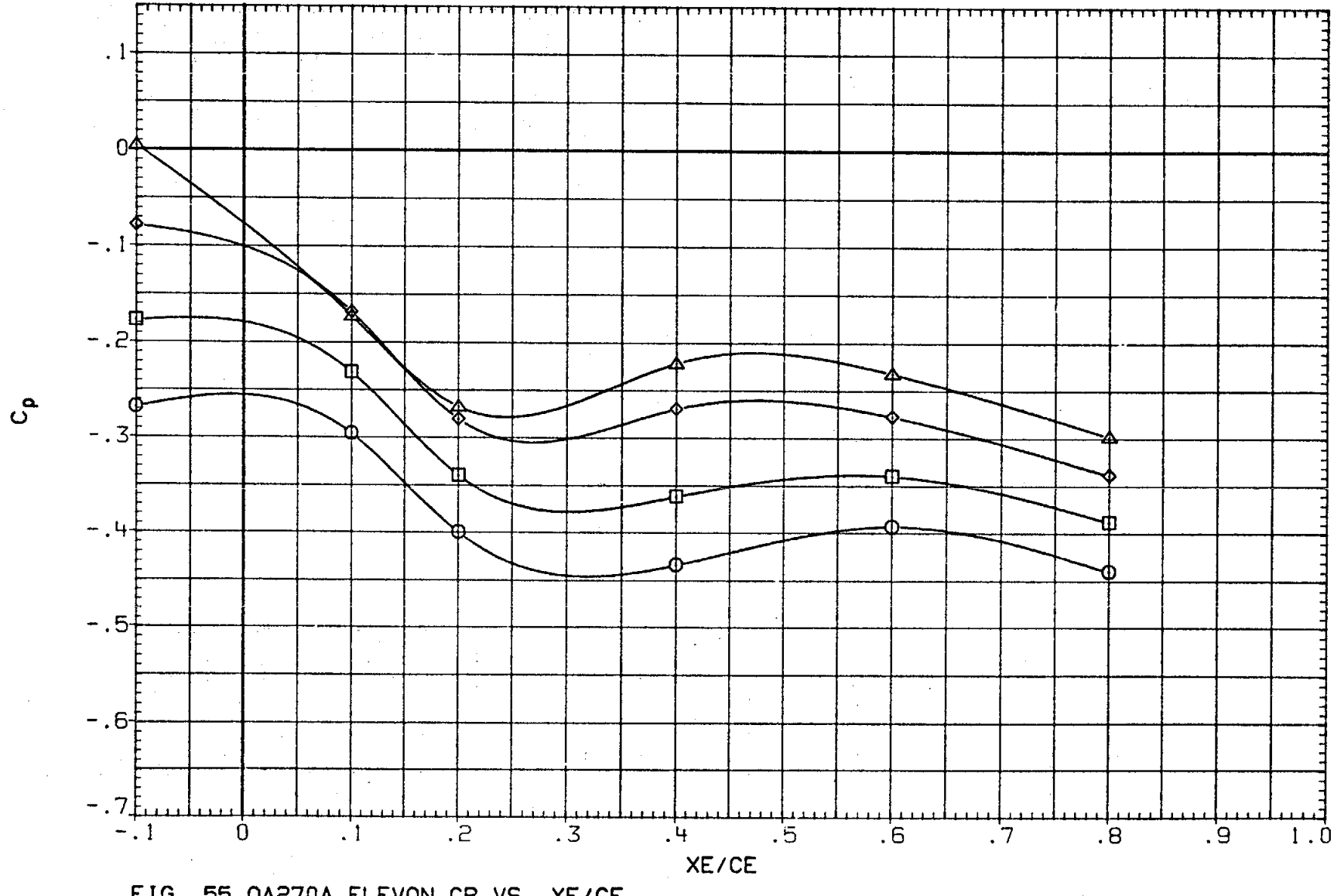


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.427	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

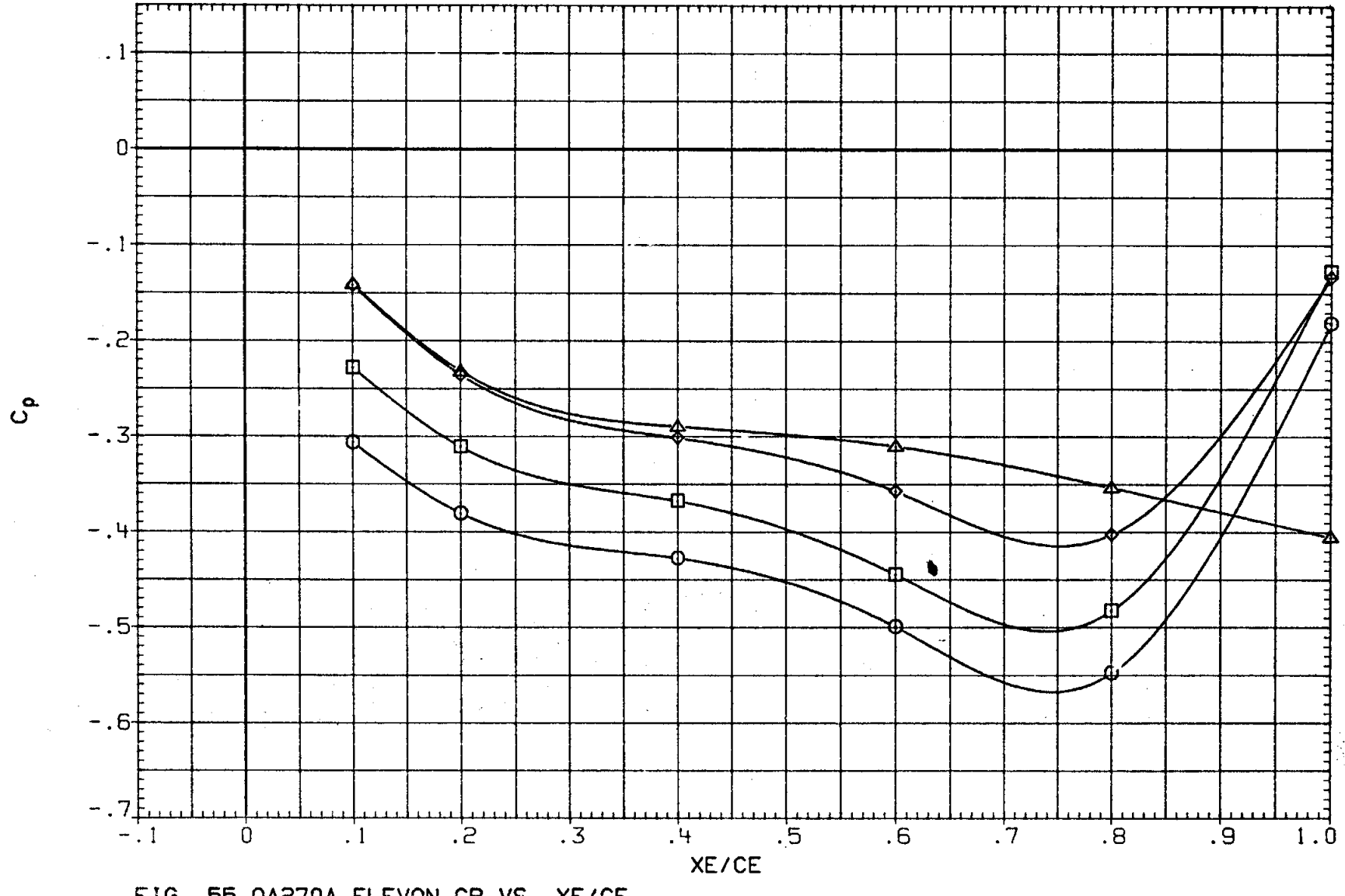


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.534	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILPON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

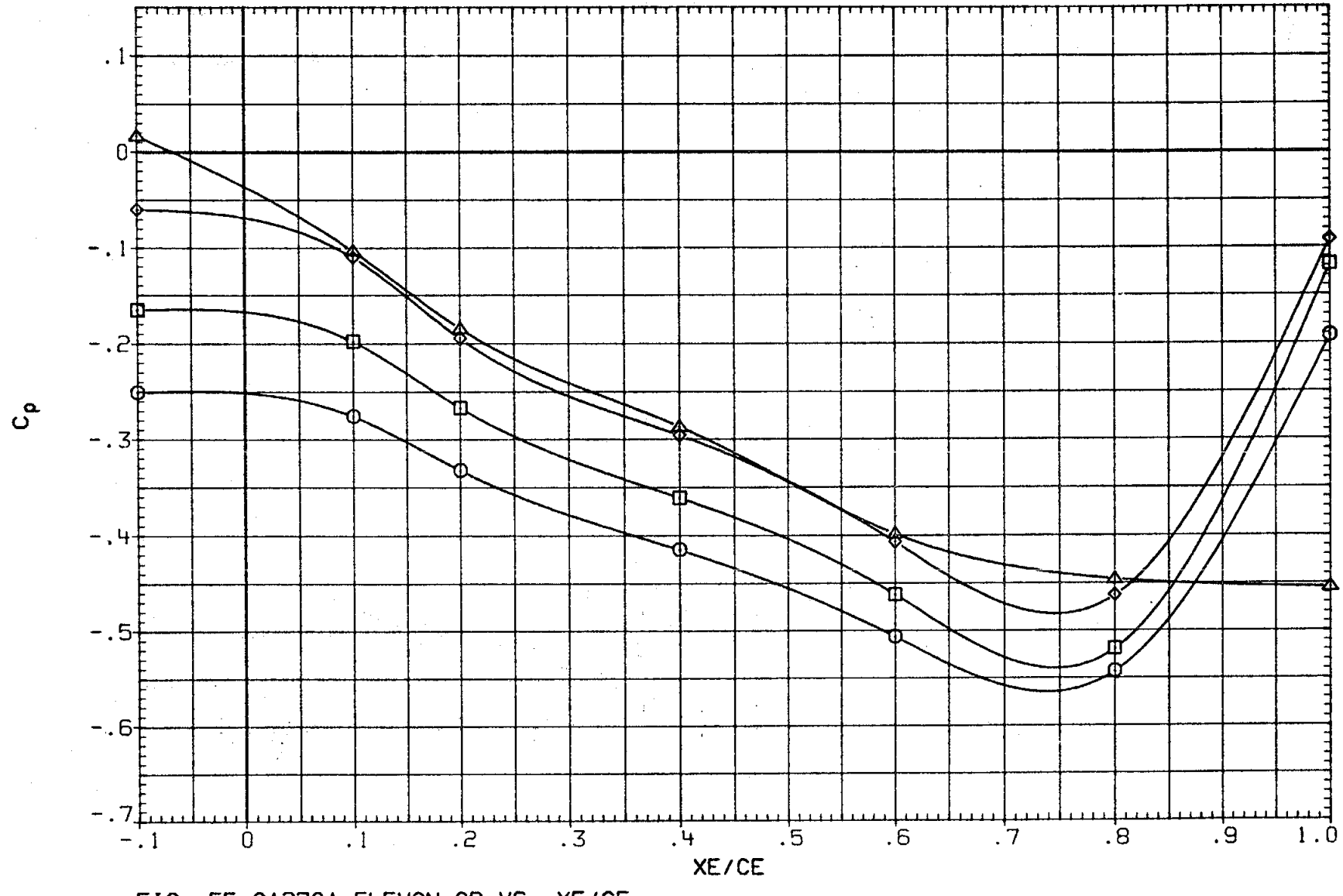


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.615	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

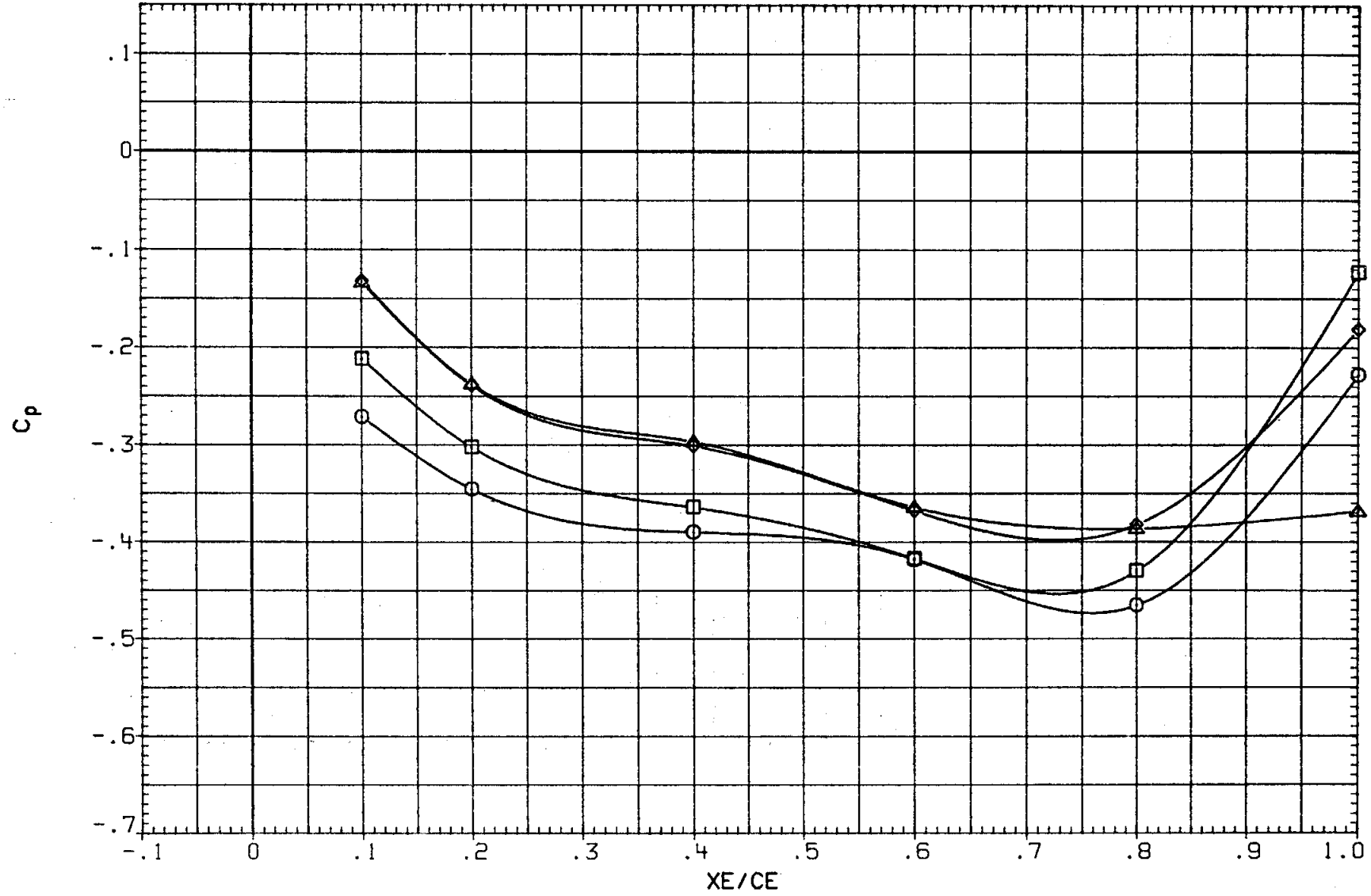


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.340	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

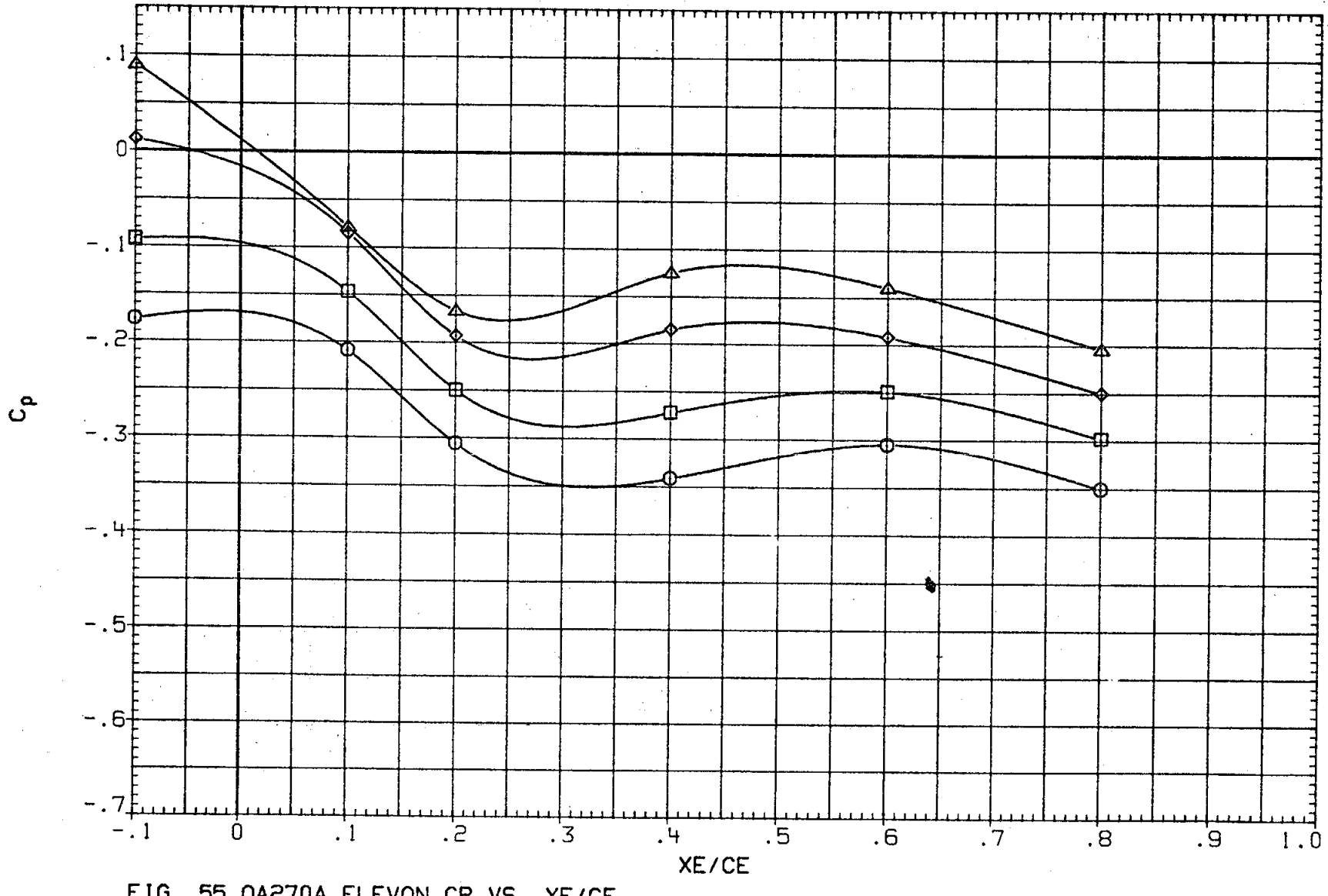


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.427	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

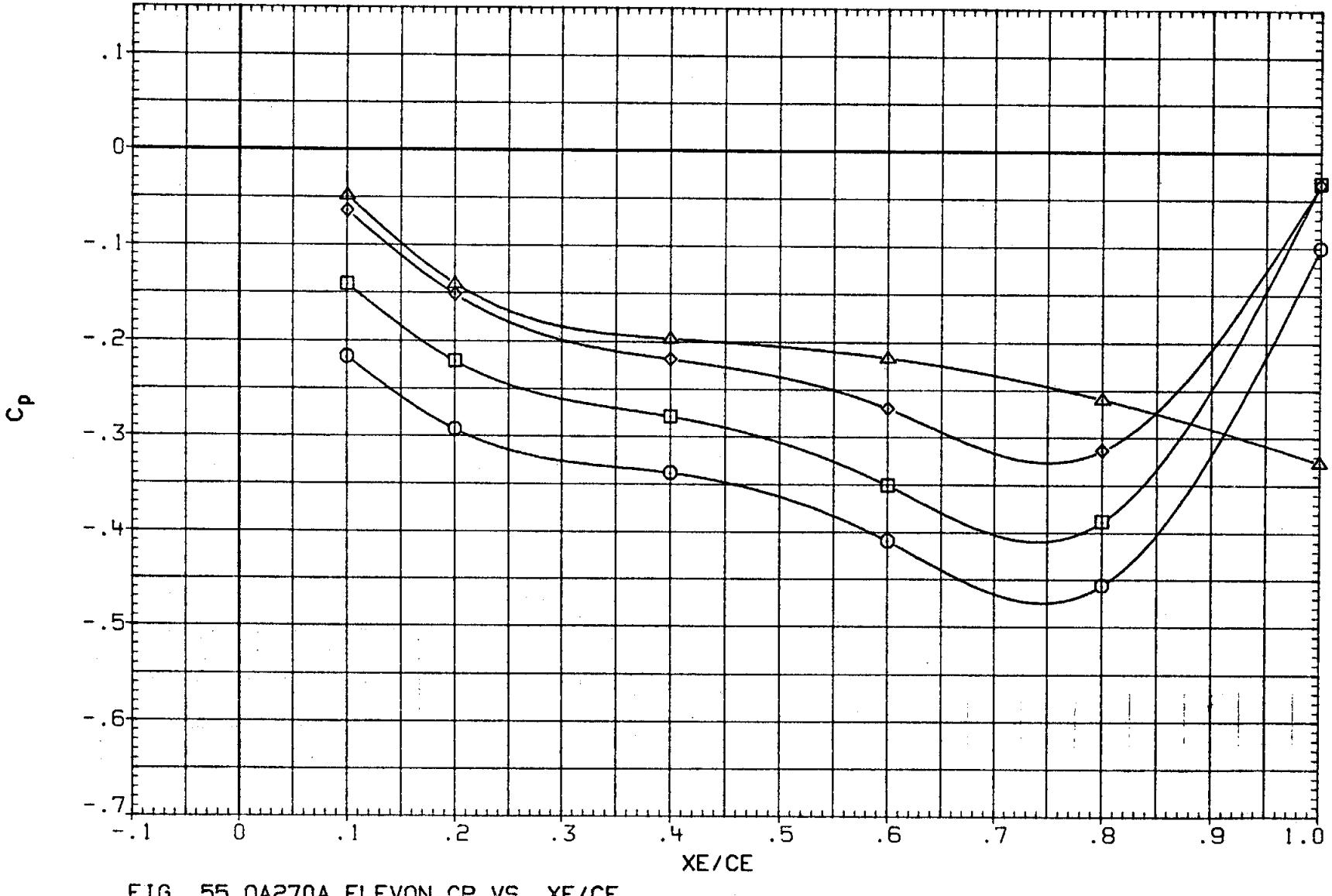


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.534	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

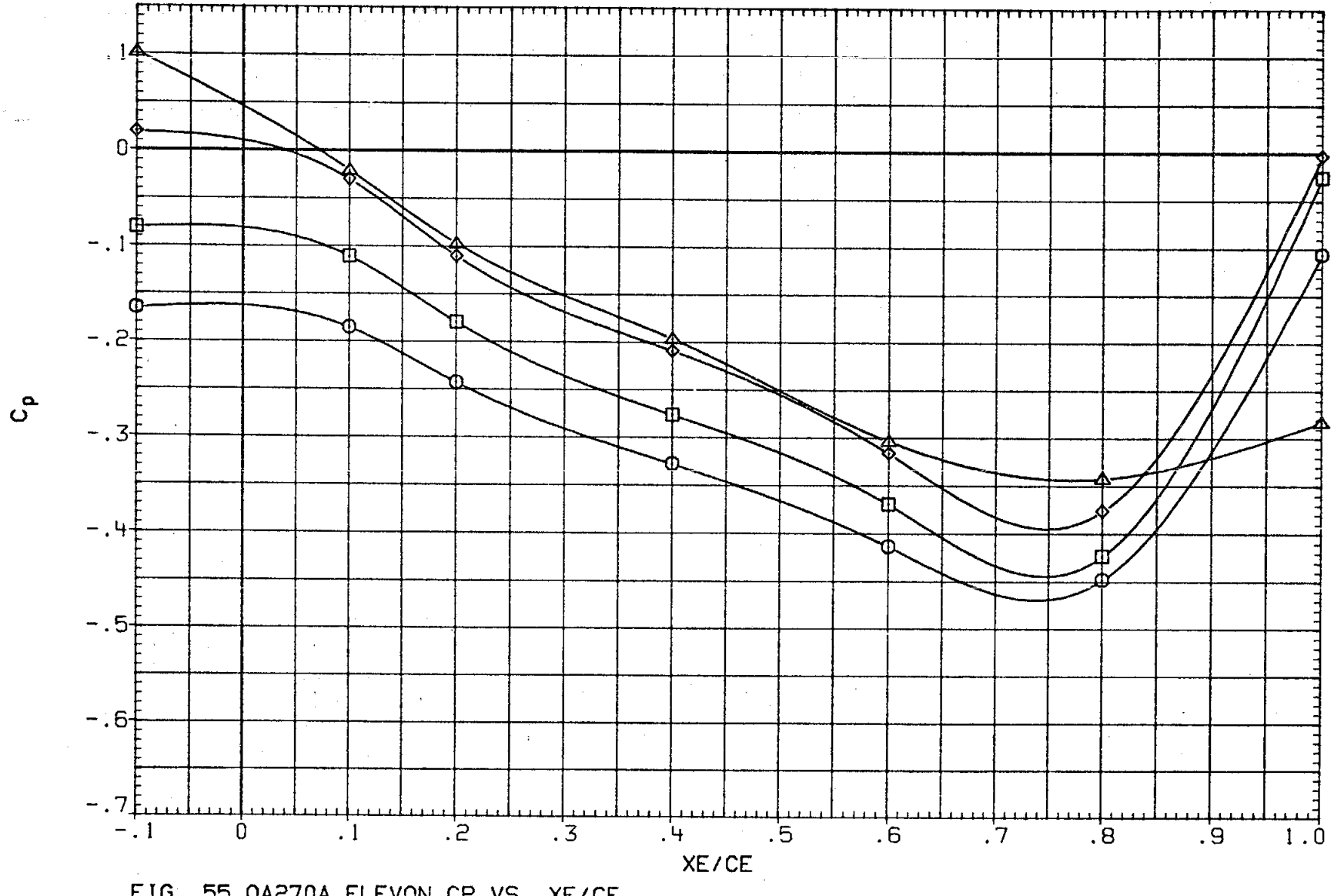


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.615	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

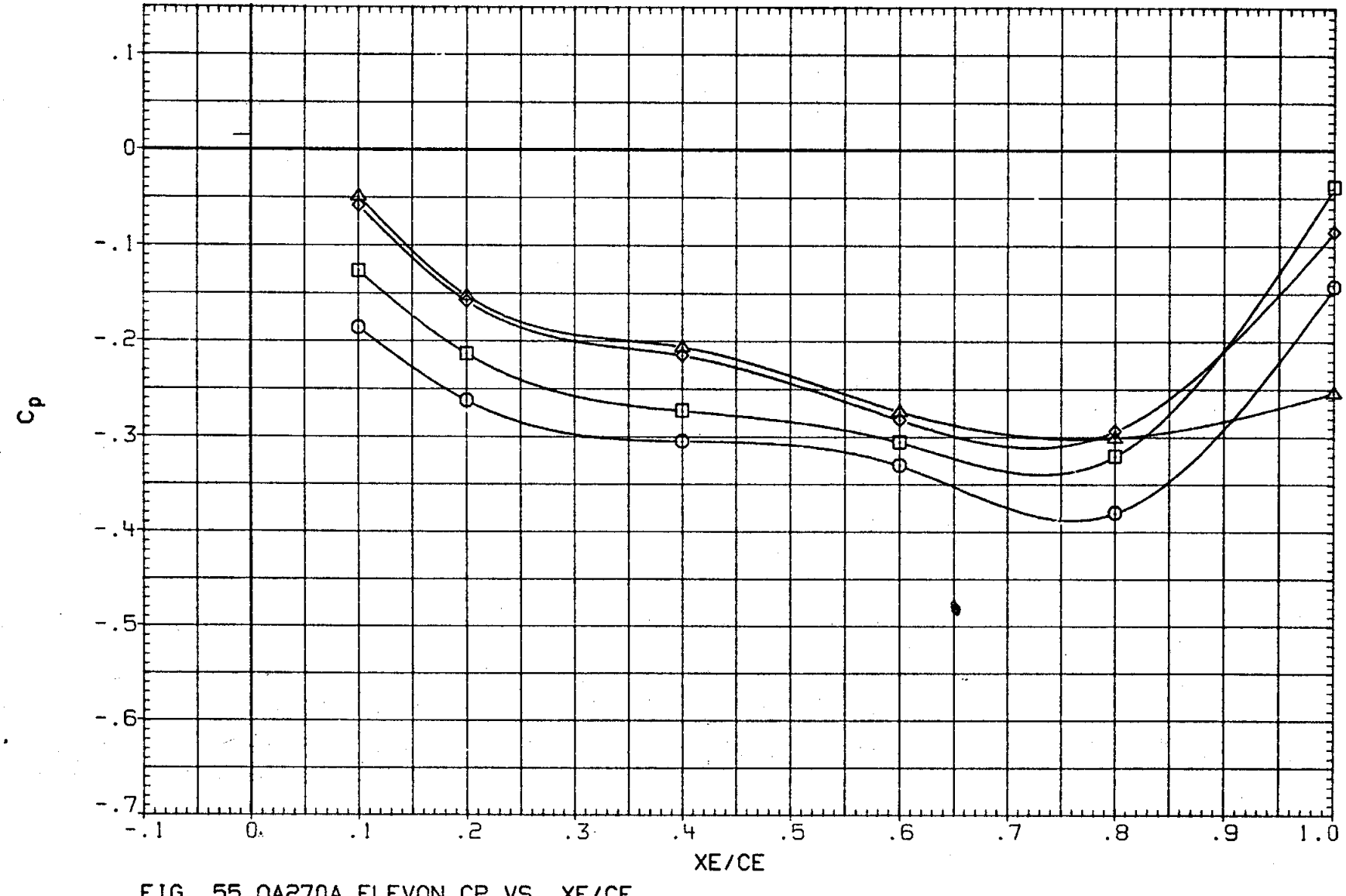


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.340	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

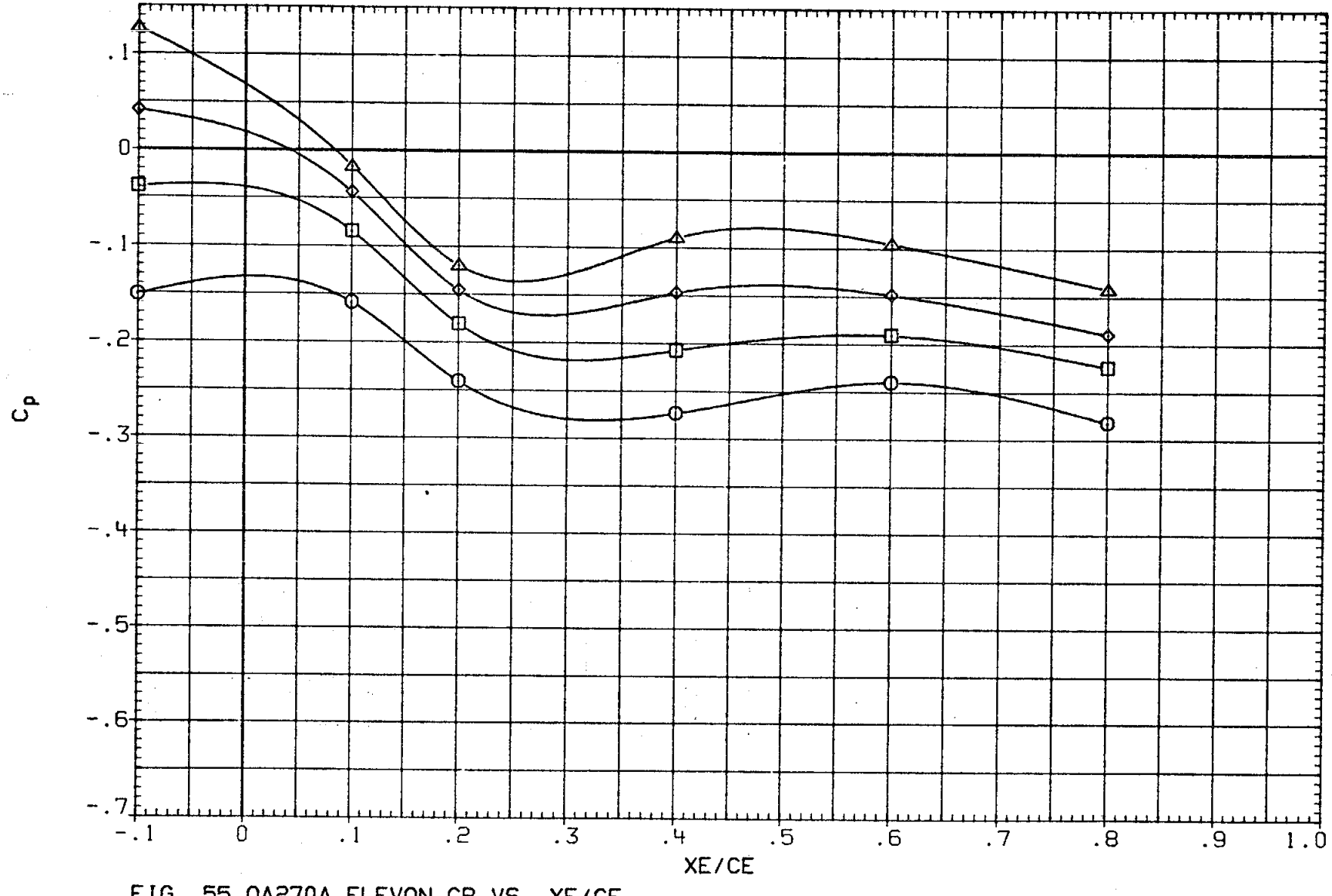


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.427	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

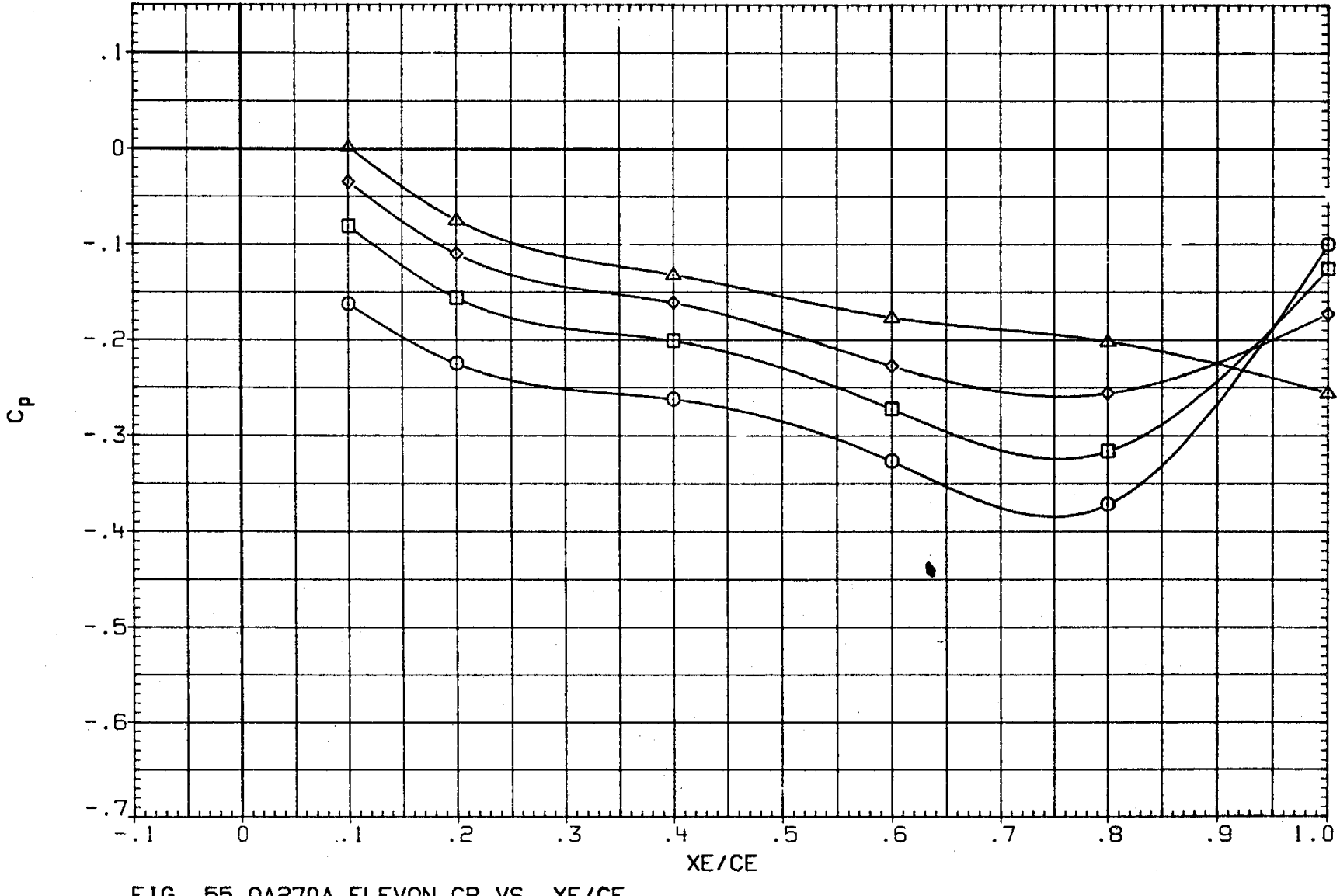


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.534	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

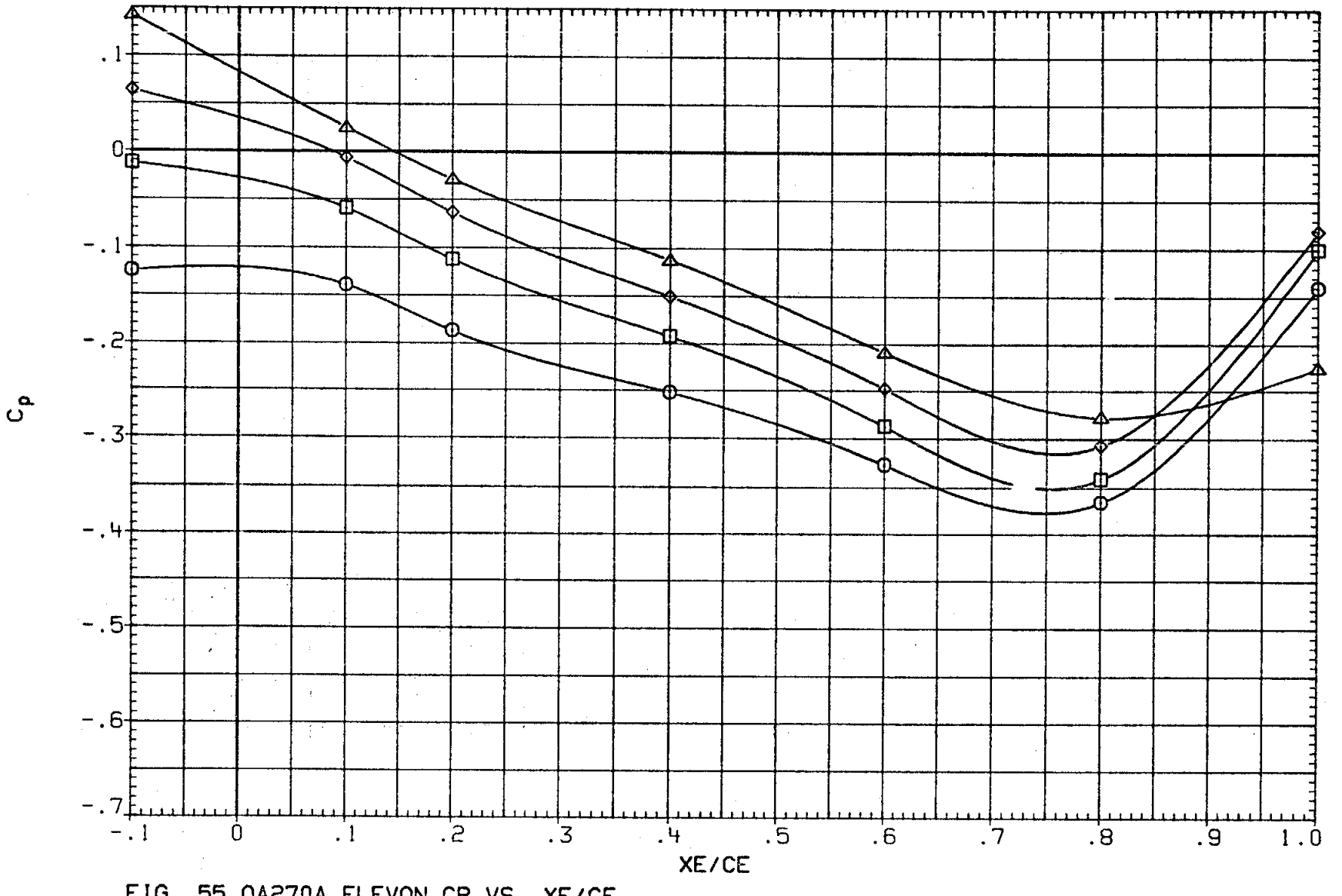


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC07) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.615	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

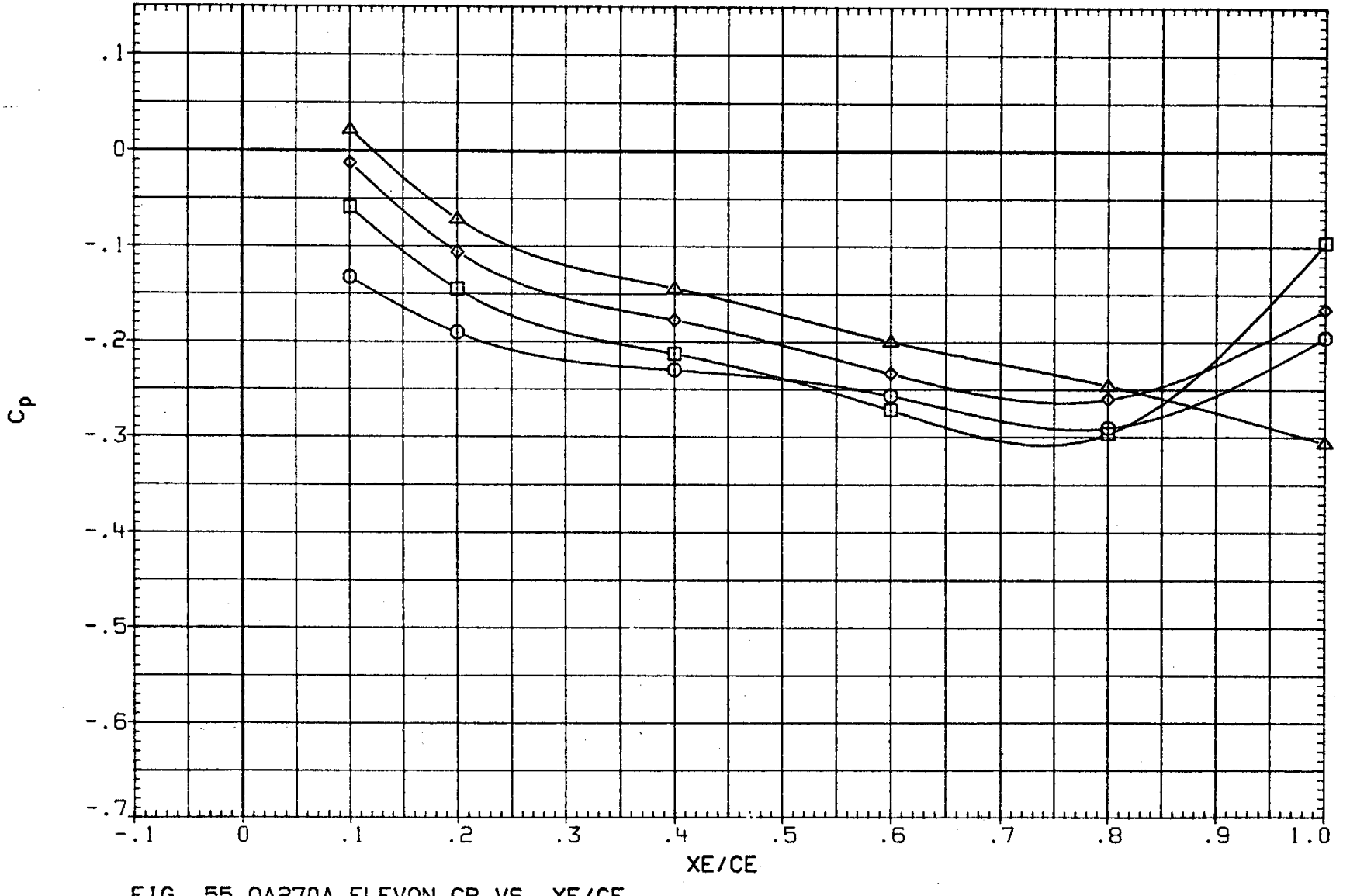


FIG. 55 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKNC33) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.340	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

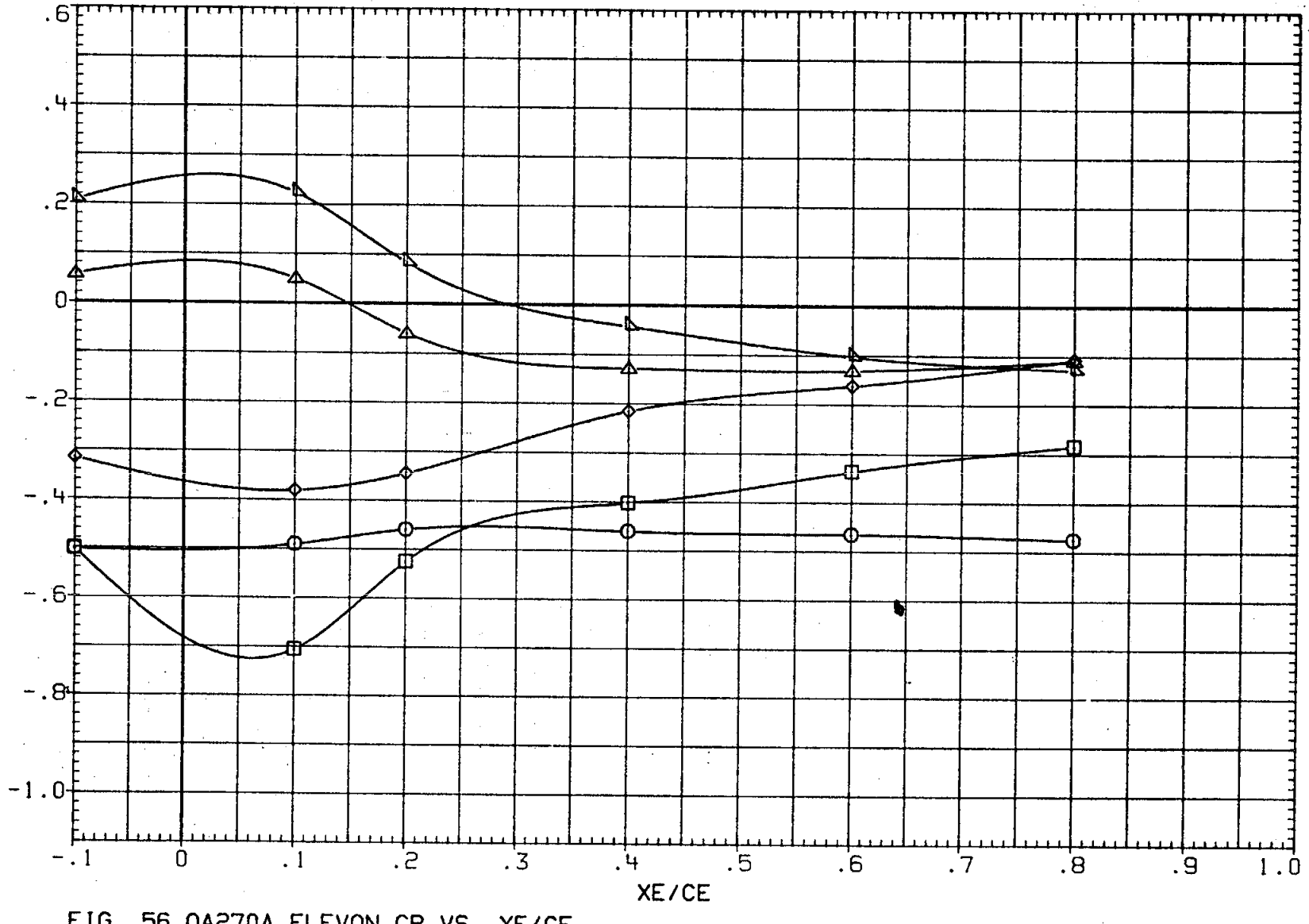


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNC33) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.427	.799
□	-10.025		
◇	-.015		
◁	10.018		
△	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

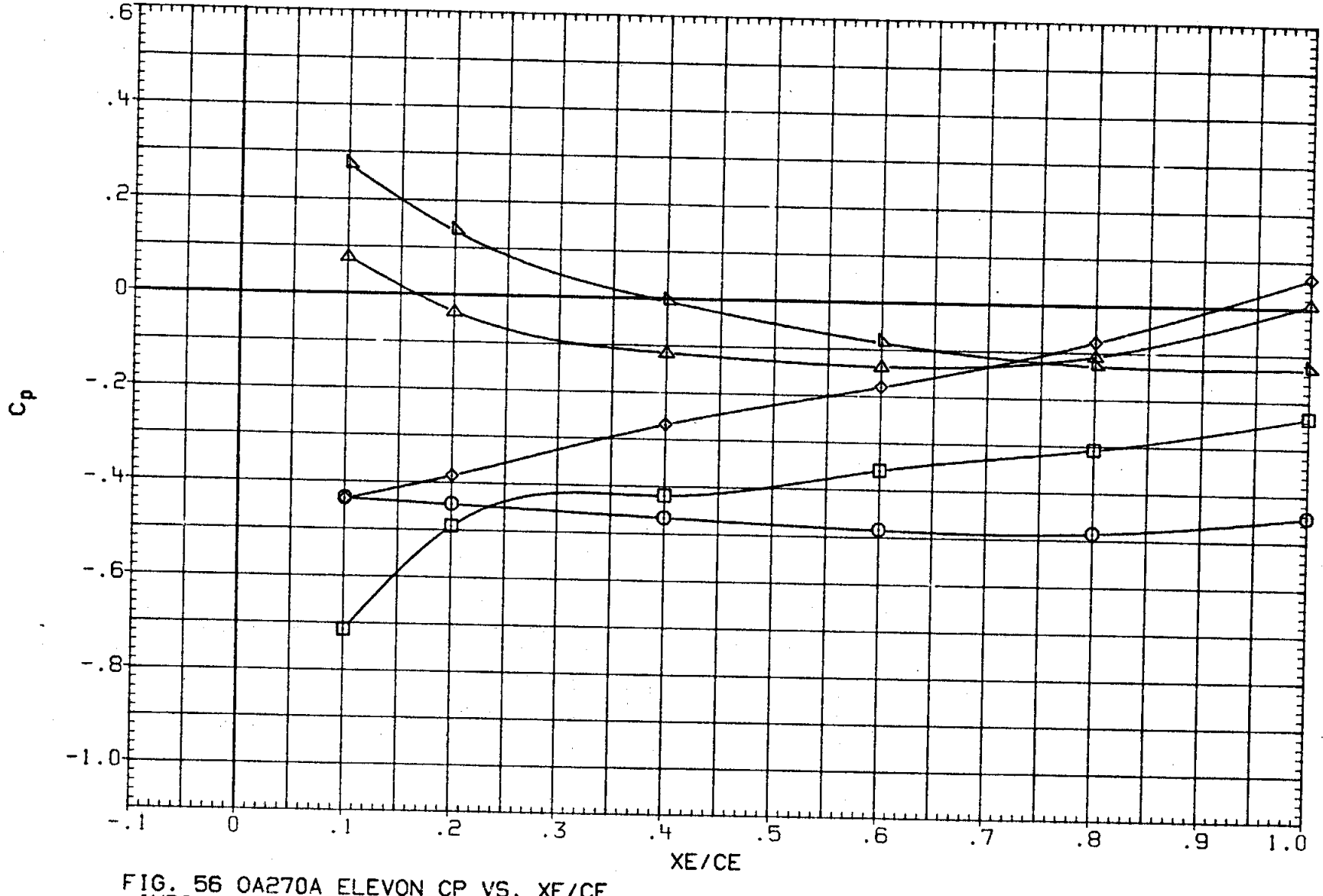


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNC33) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.534	.799
□	-10.025		
◇	-.019		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

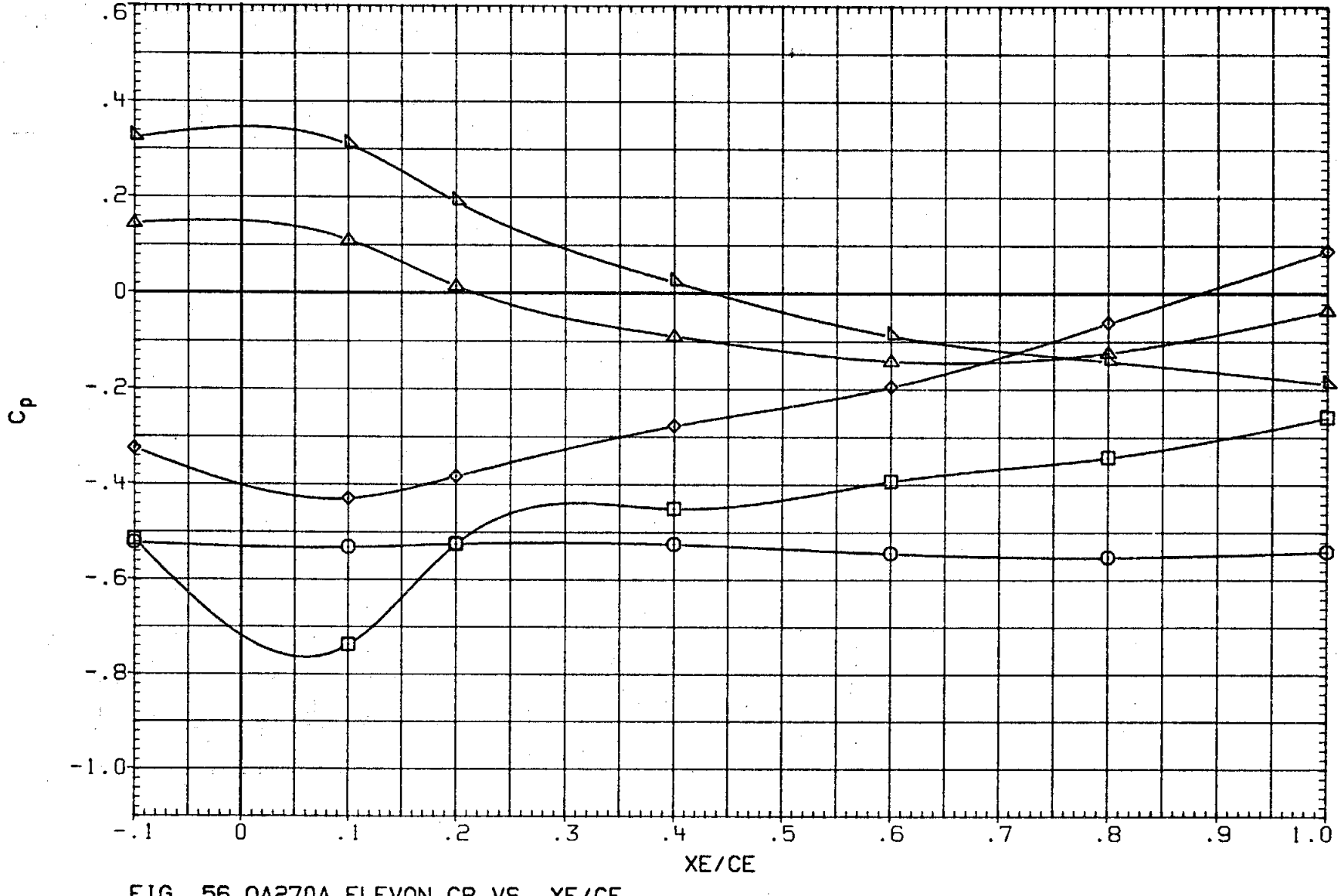


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNC33) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.615	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

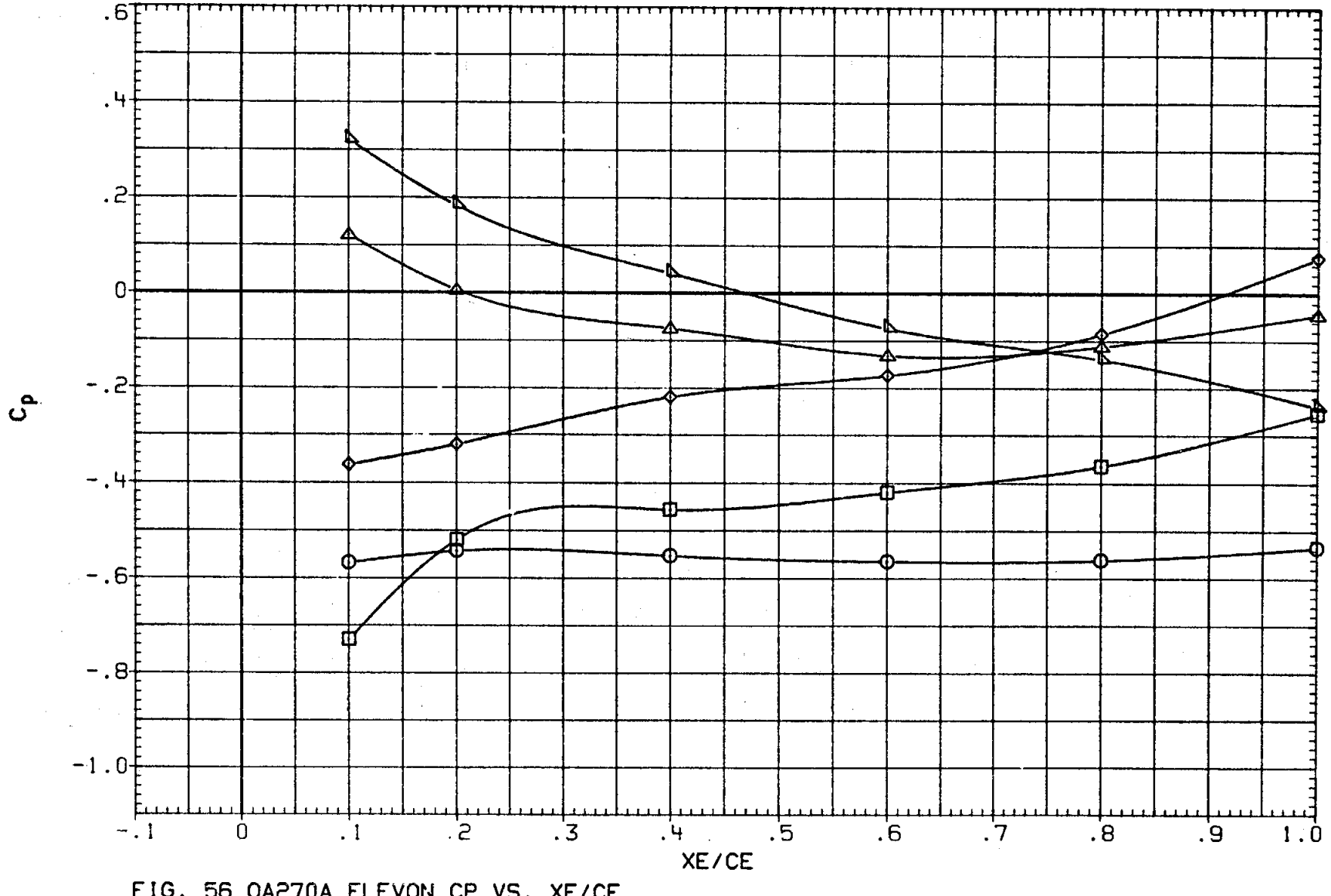


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

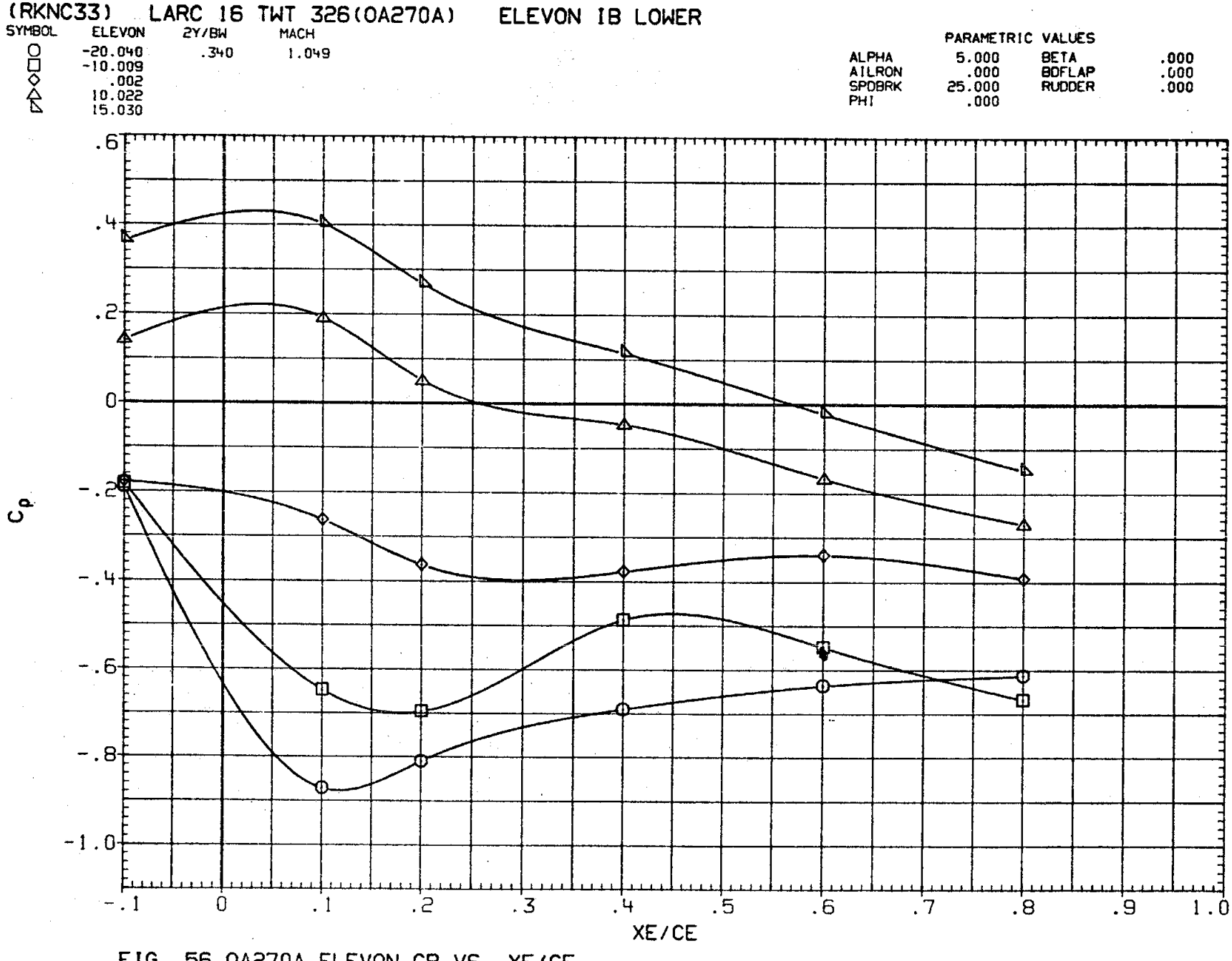


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

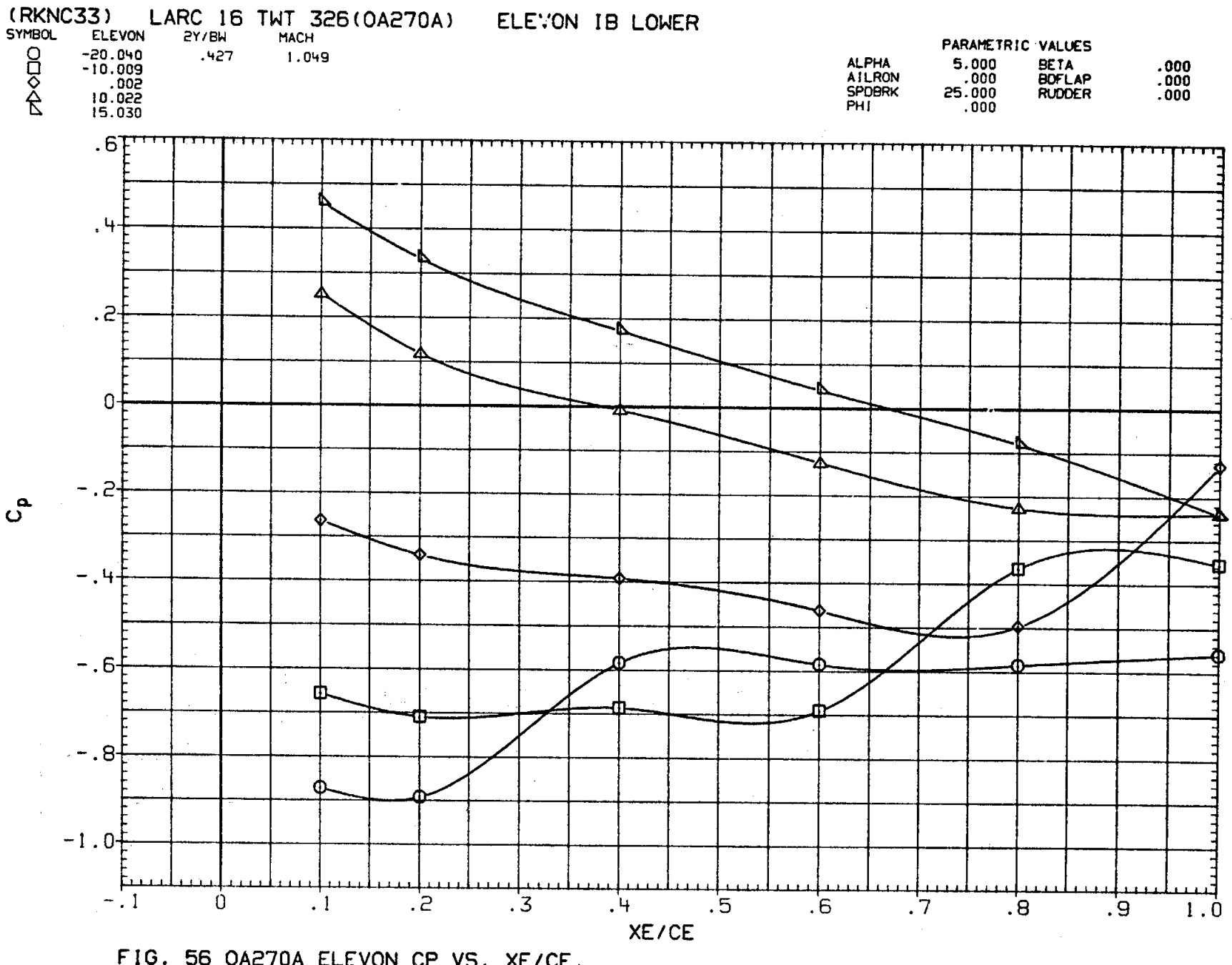


FIG. 56 0A270A ELEVON CP VS. XE/CE, INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNC33) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.534	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

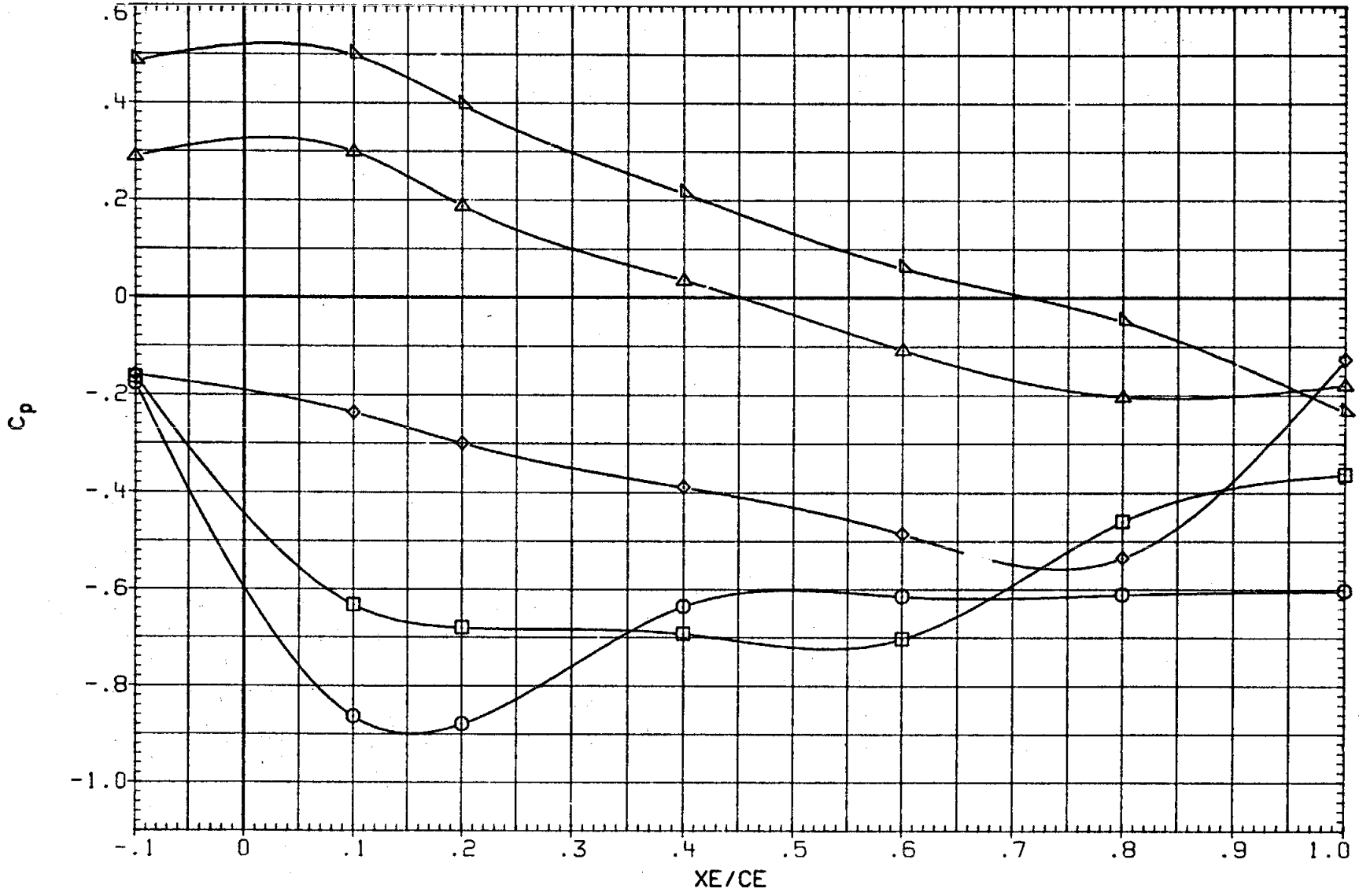


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNC33) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.615	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

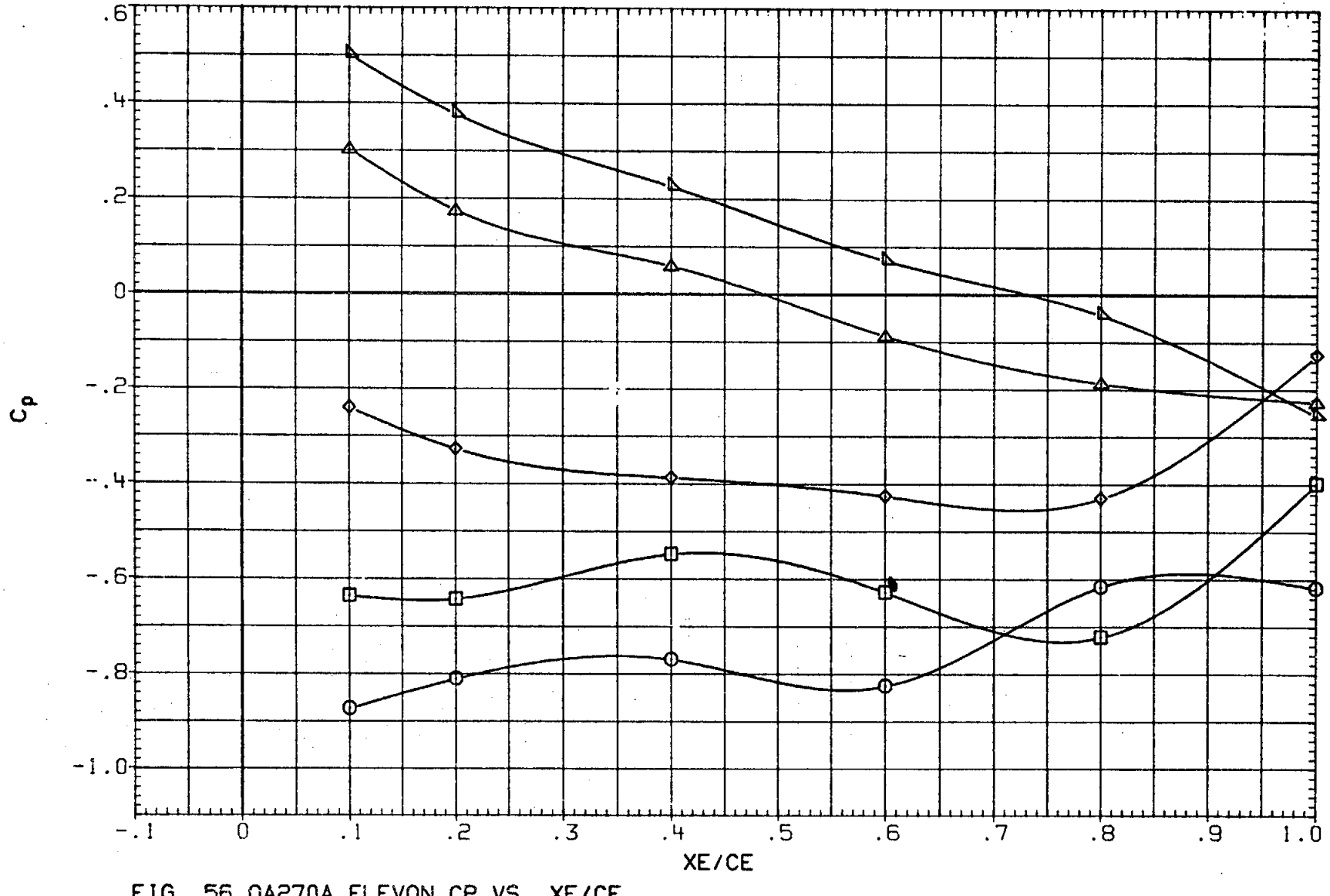


FIG. 56 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.340	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

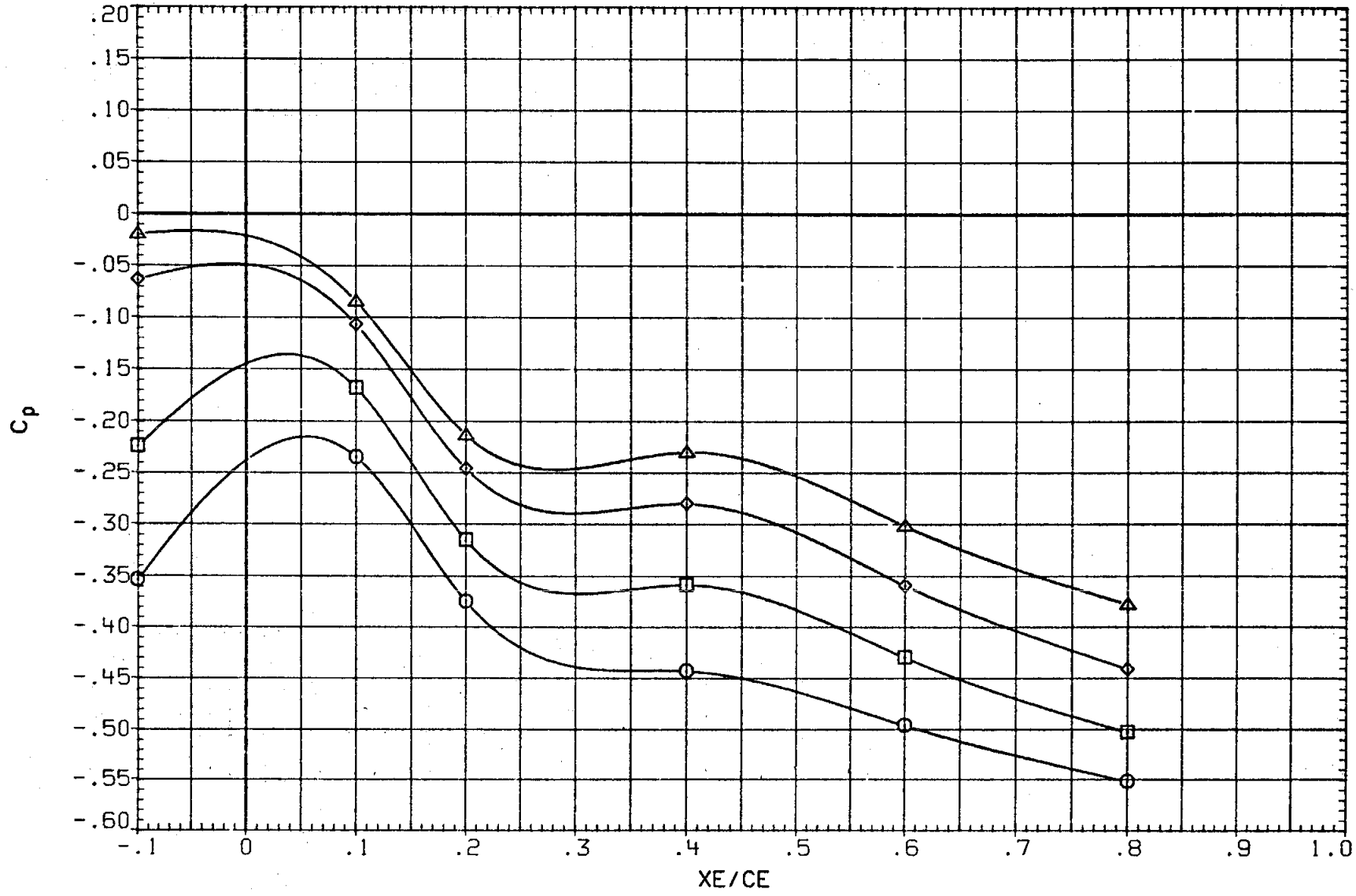


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.427	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

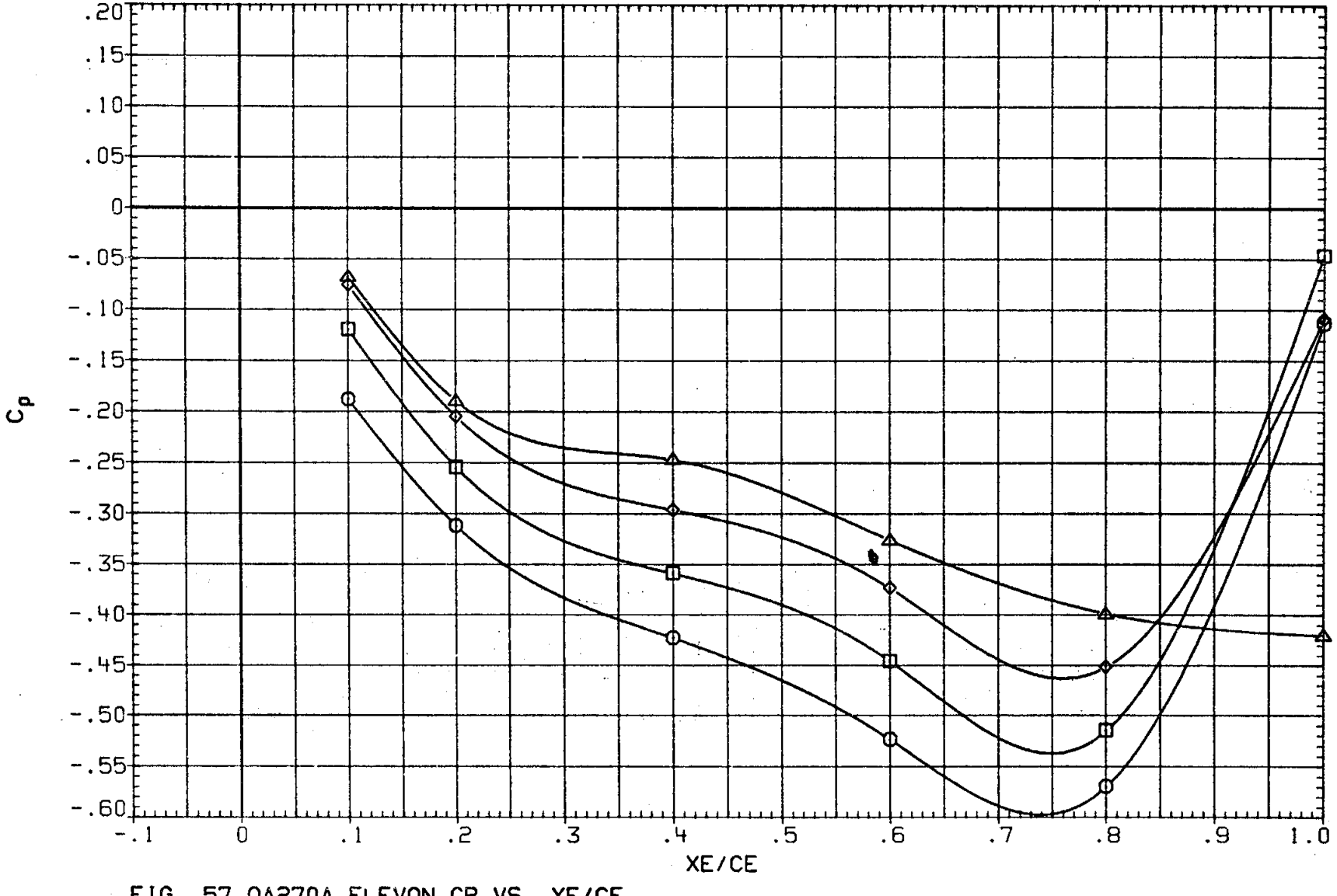


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.534	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

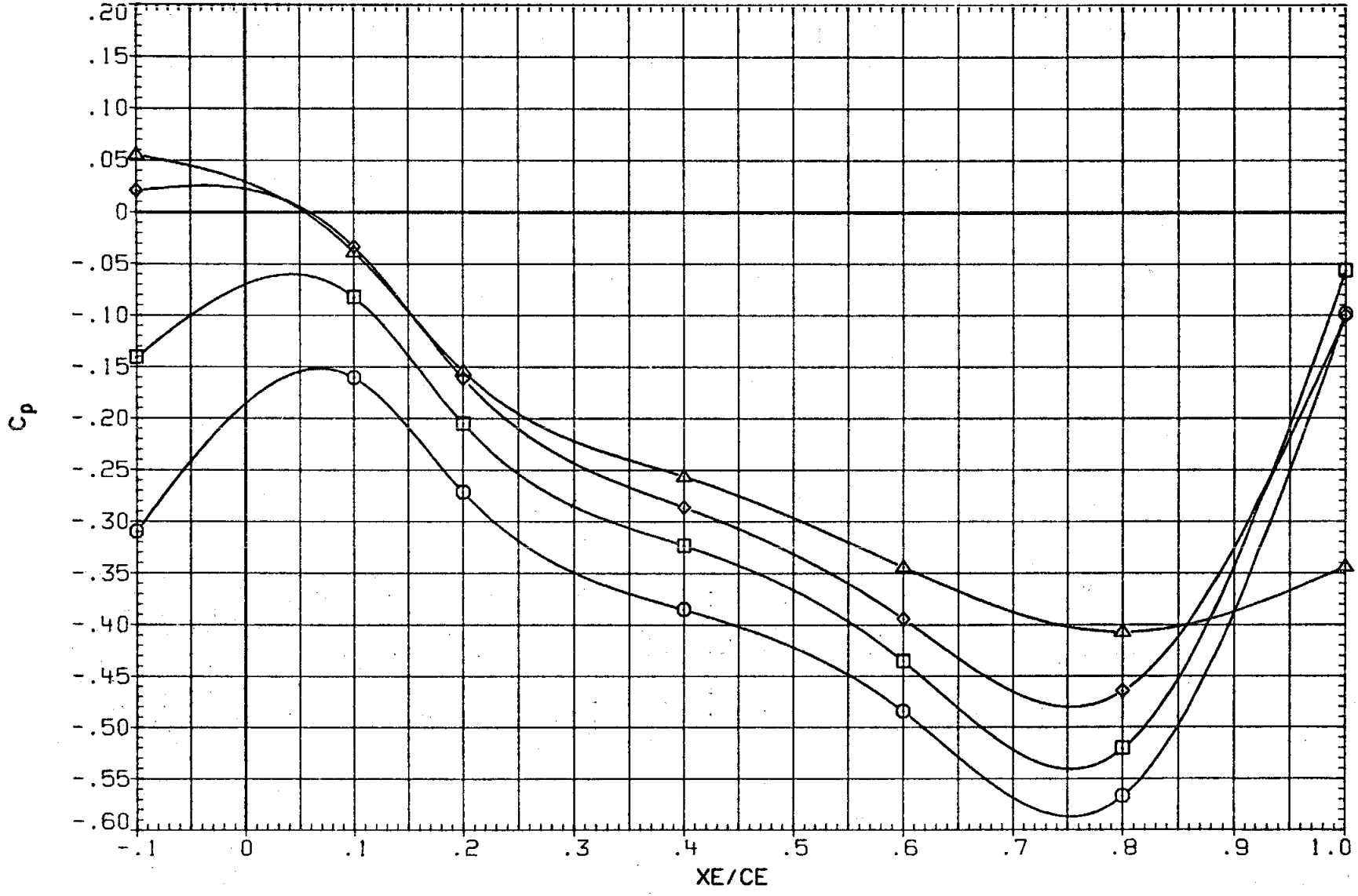


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.615	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

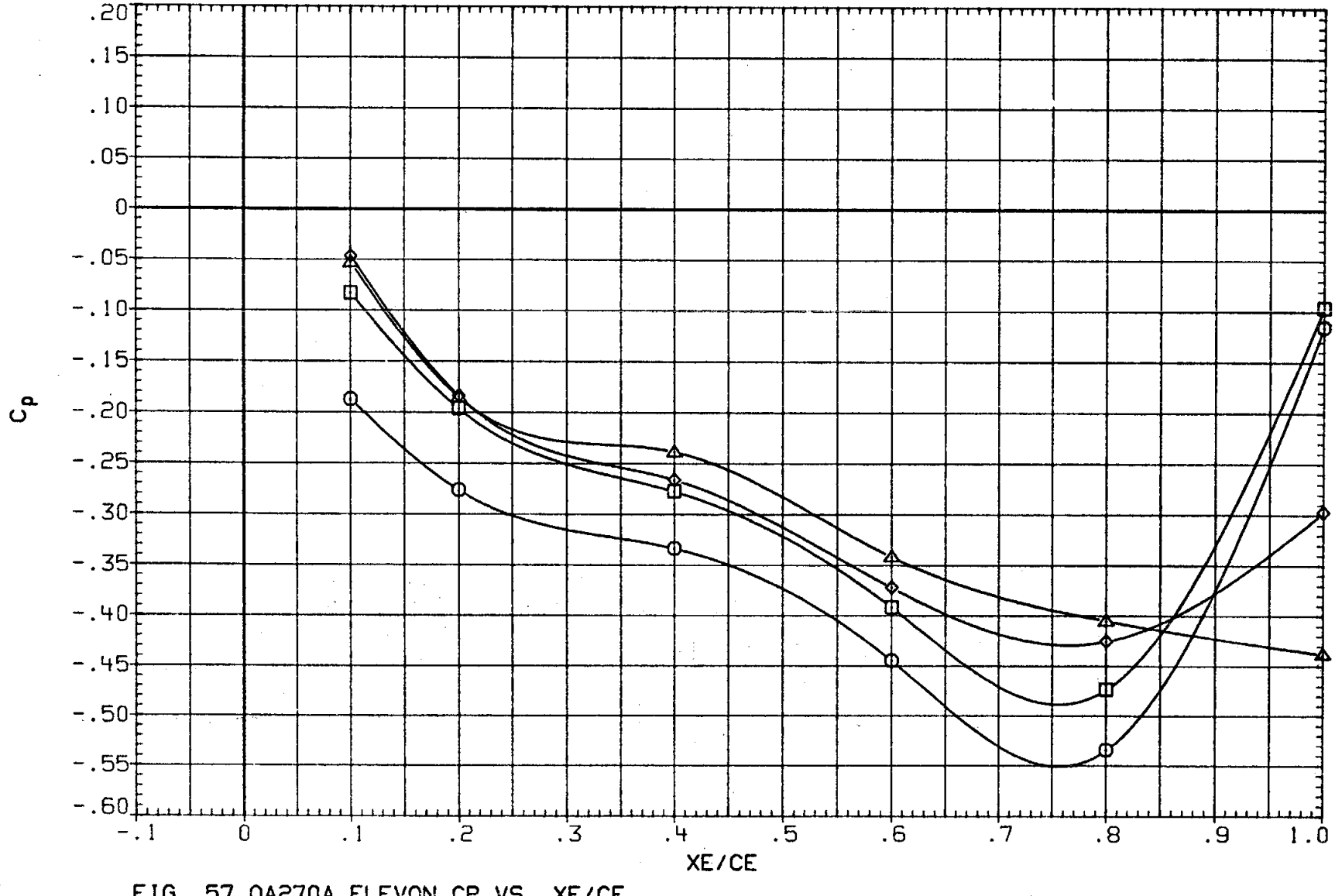


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.340	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

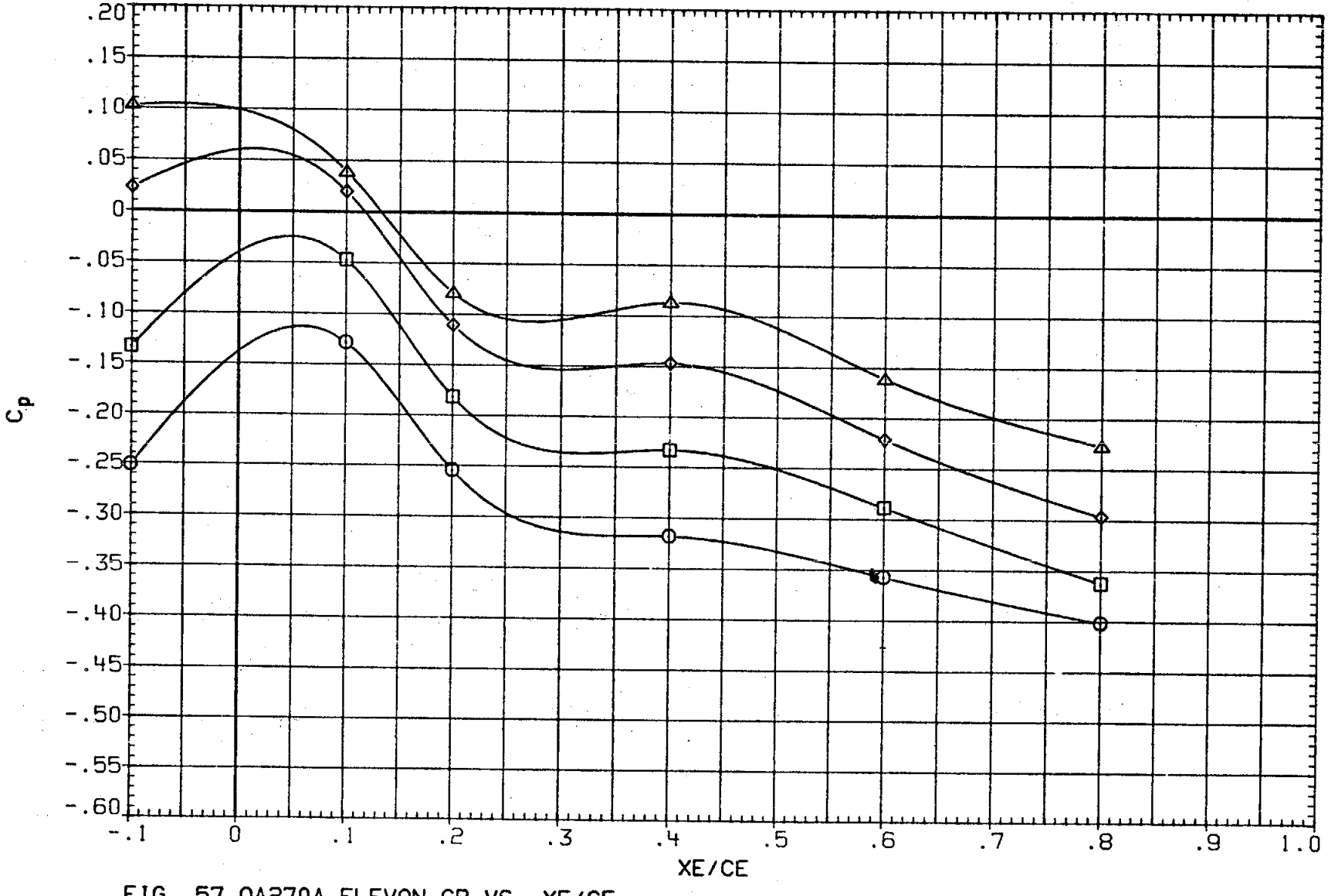


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.427	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

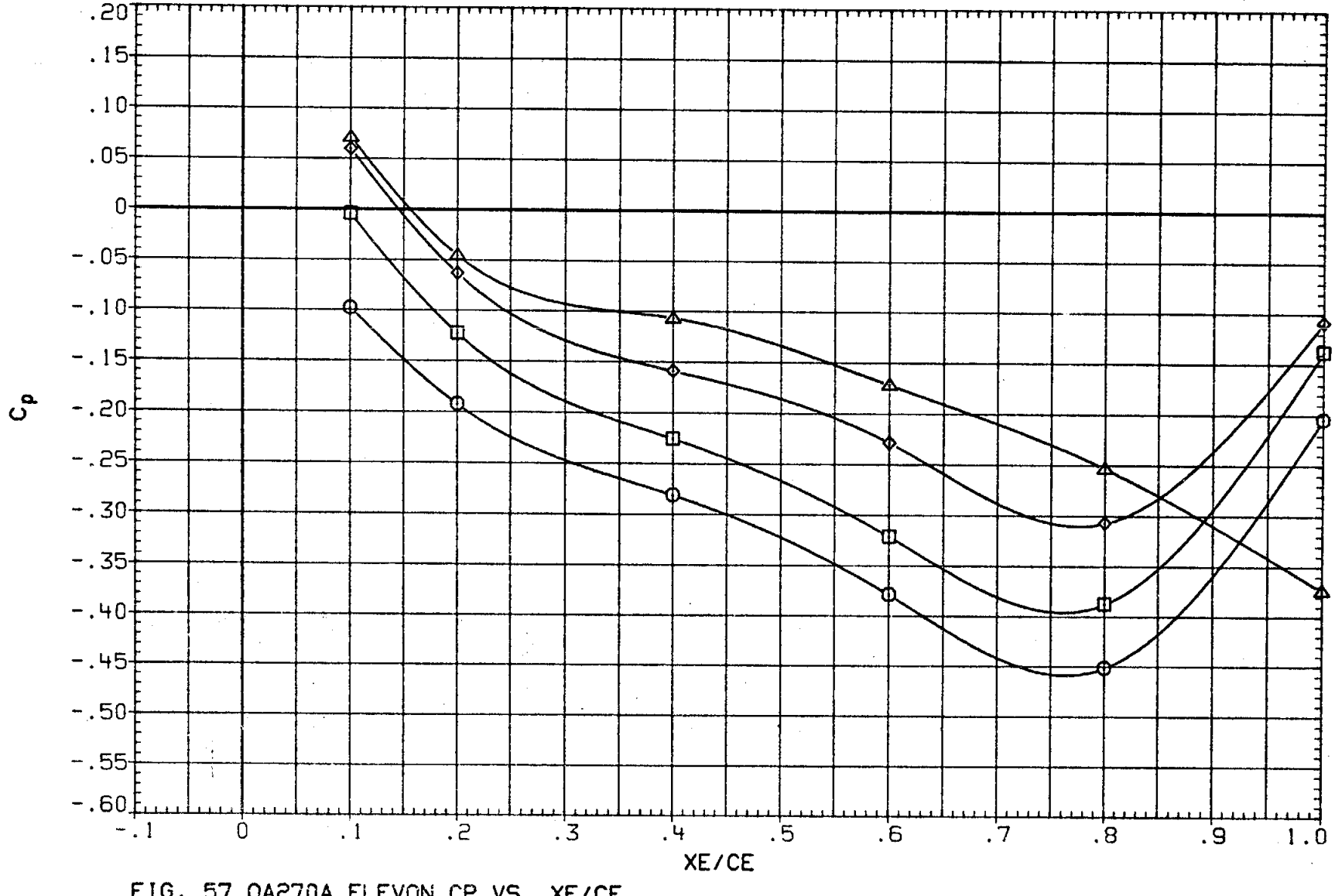


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

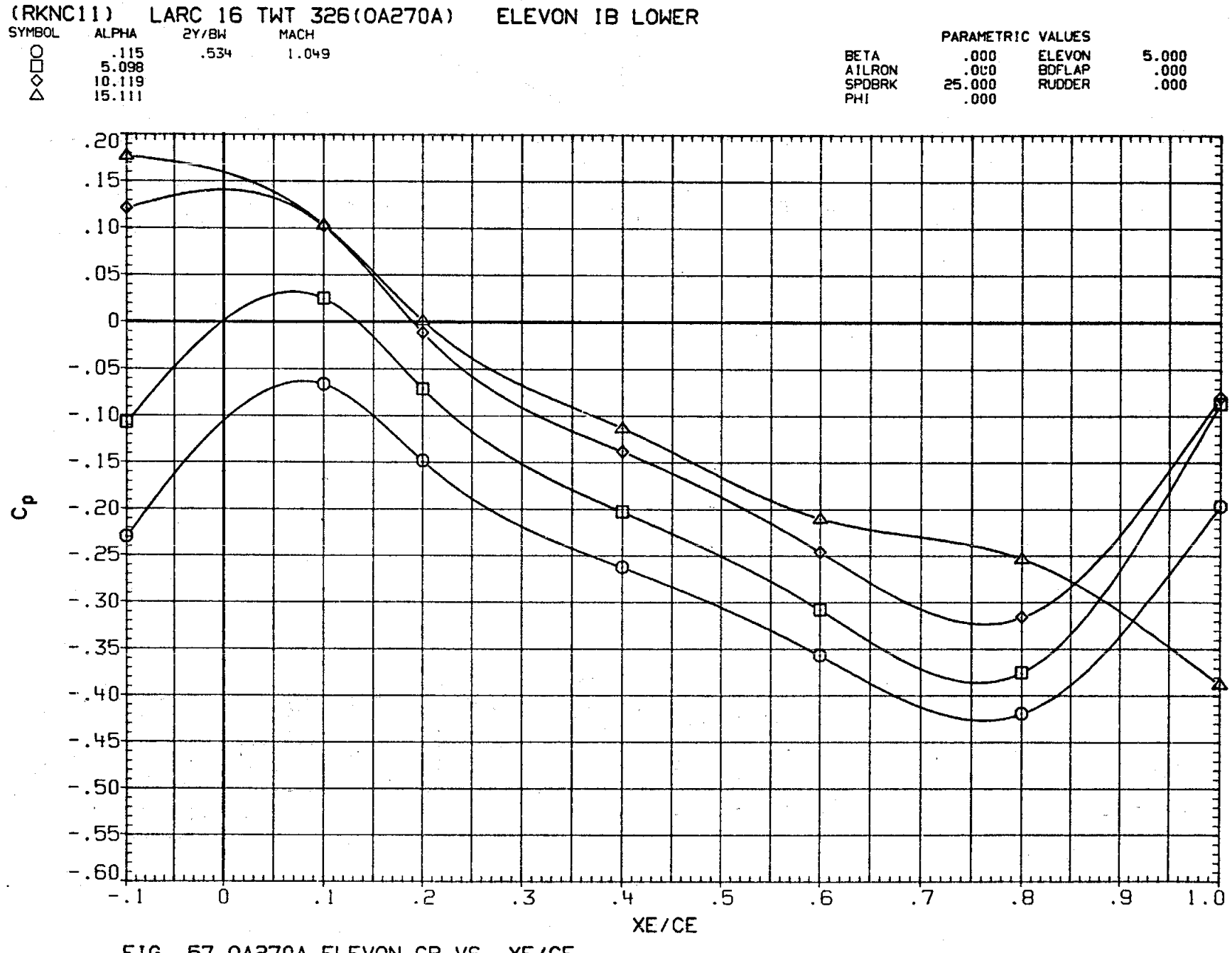


FIG. 57 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC11) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.615	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

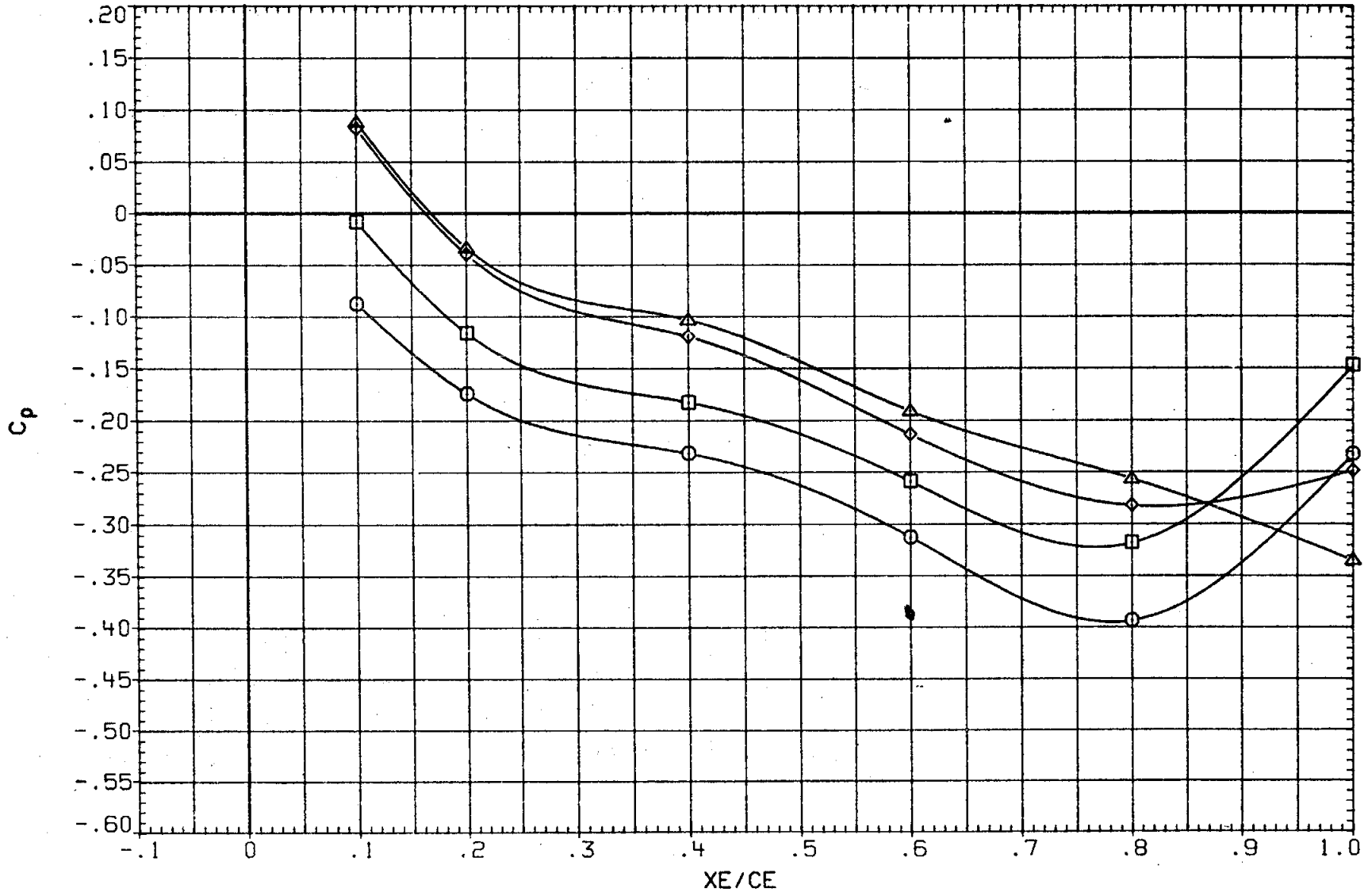


FIG. 57 0A270A ELEVON CP VS. XE/CE, INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.340	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

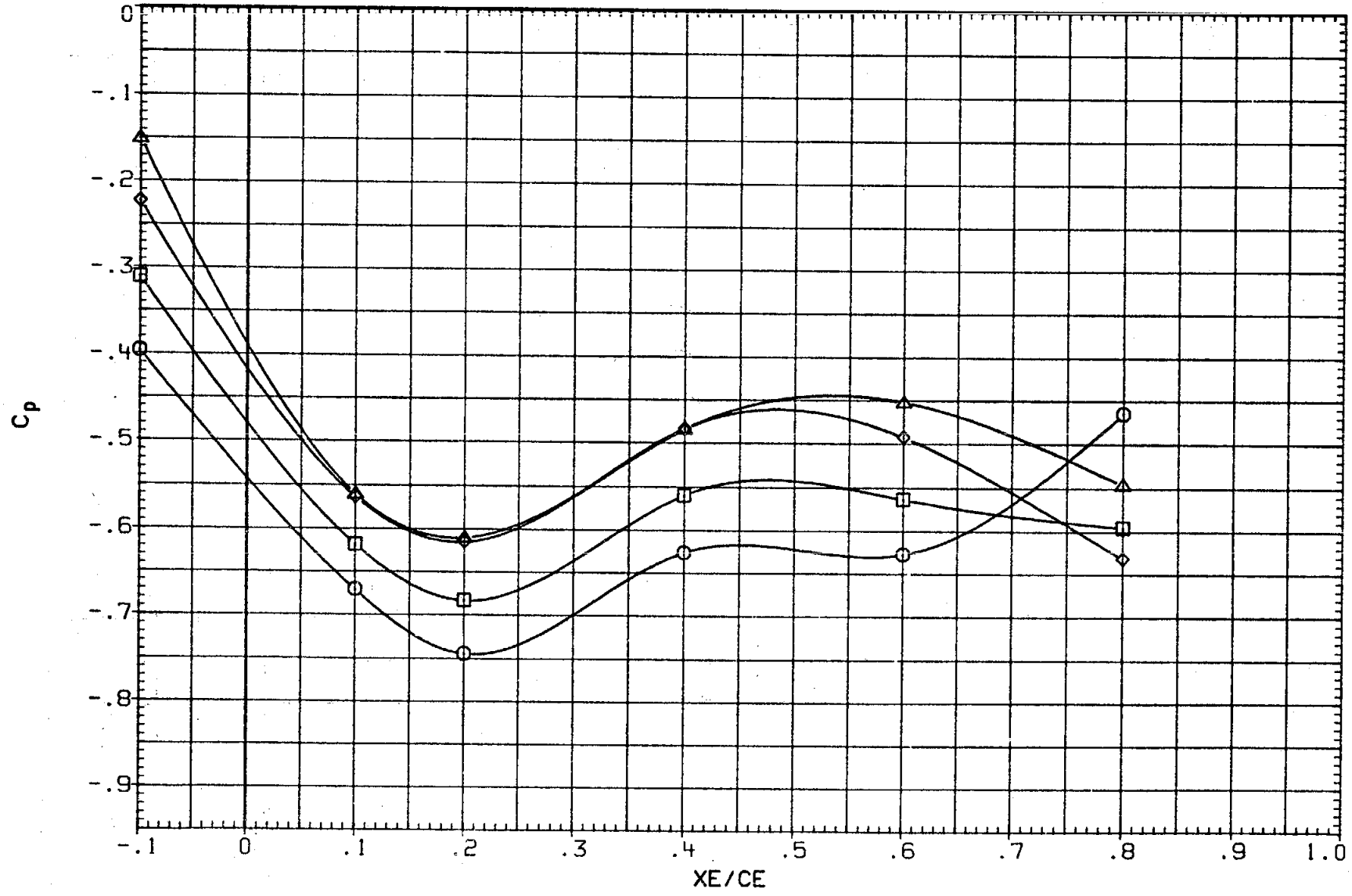


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.427	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

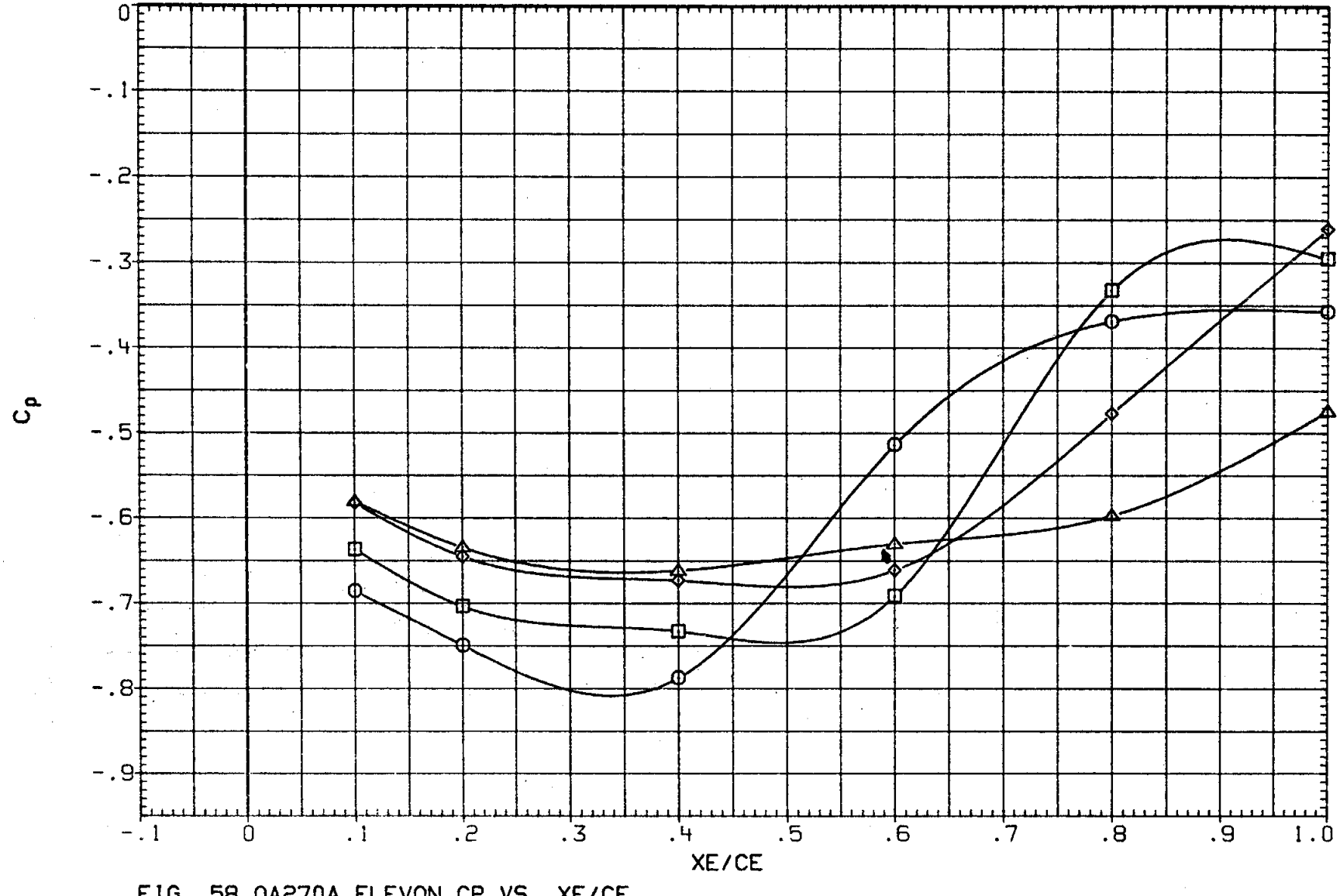


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.534	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

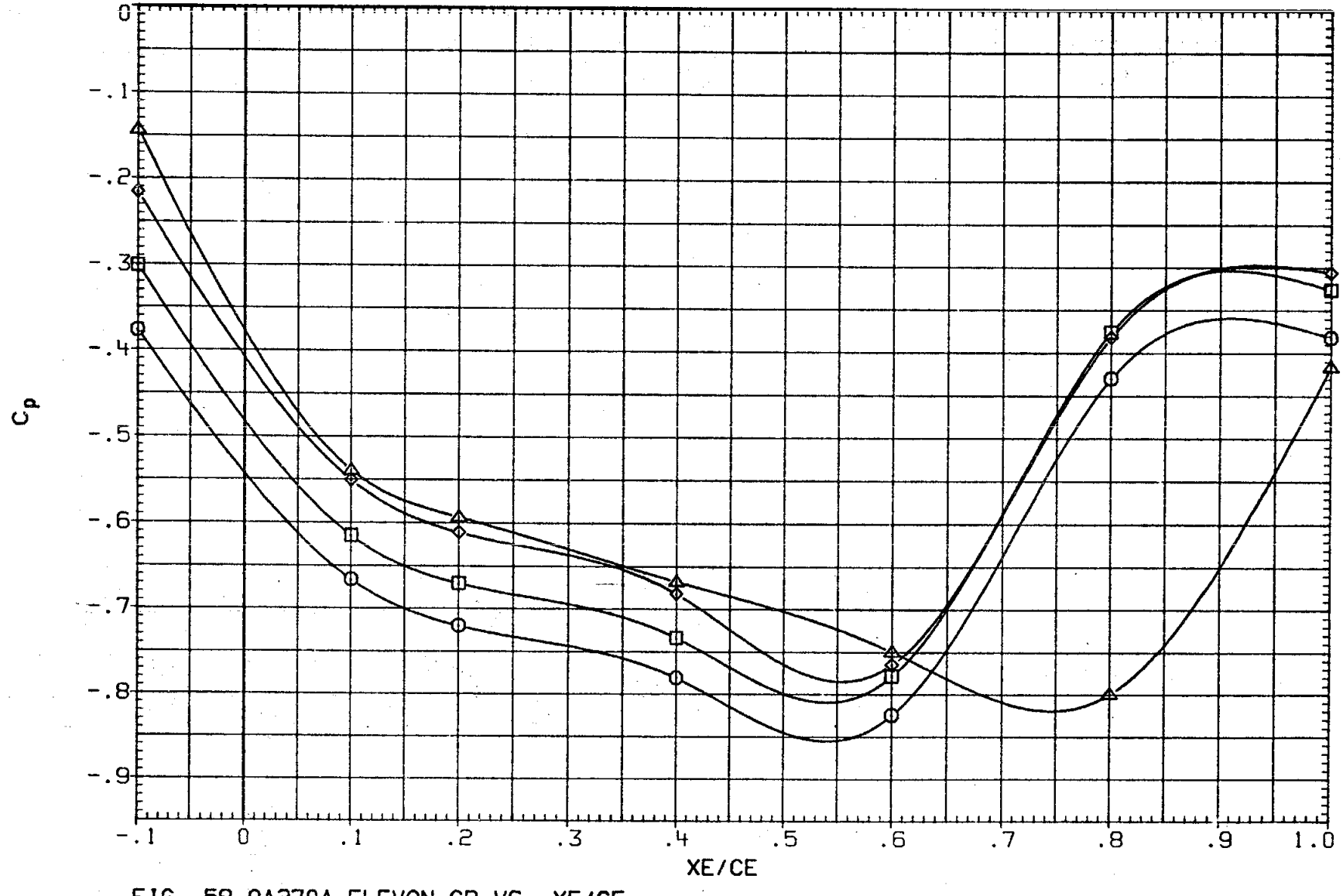


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.615	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

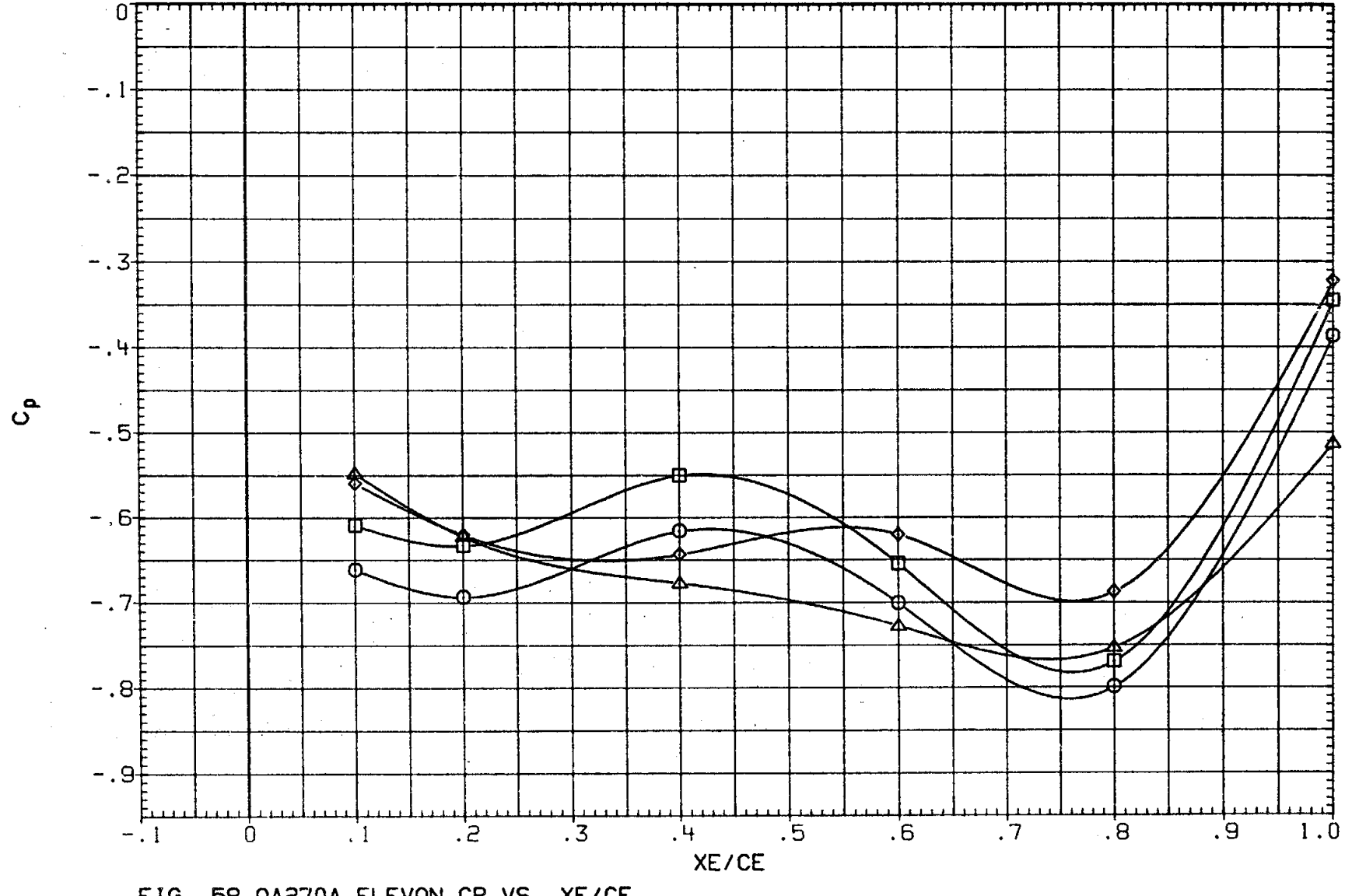


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.340	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

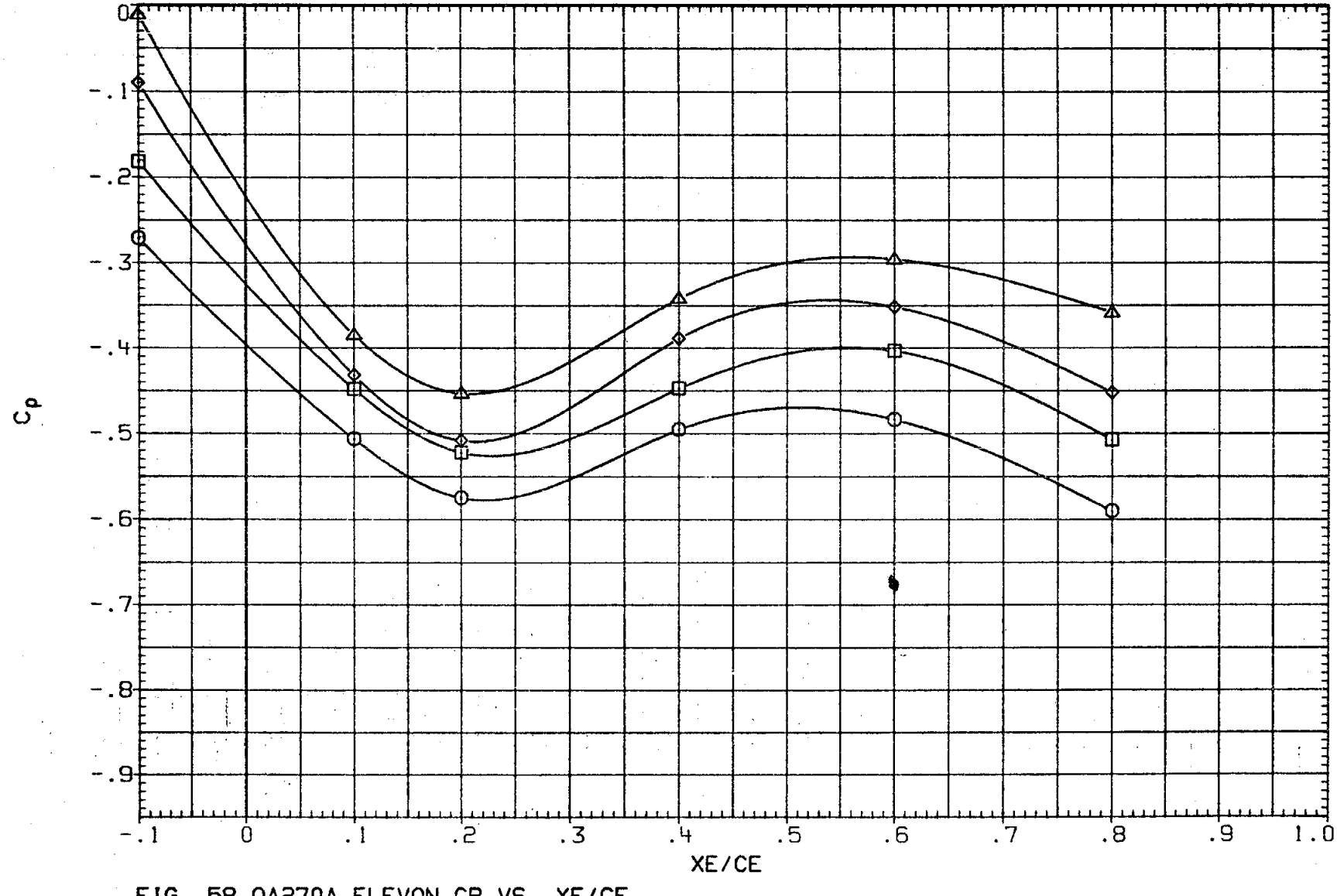


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.427	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

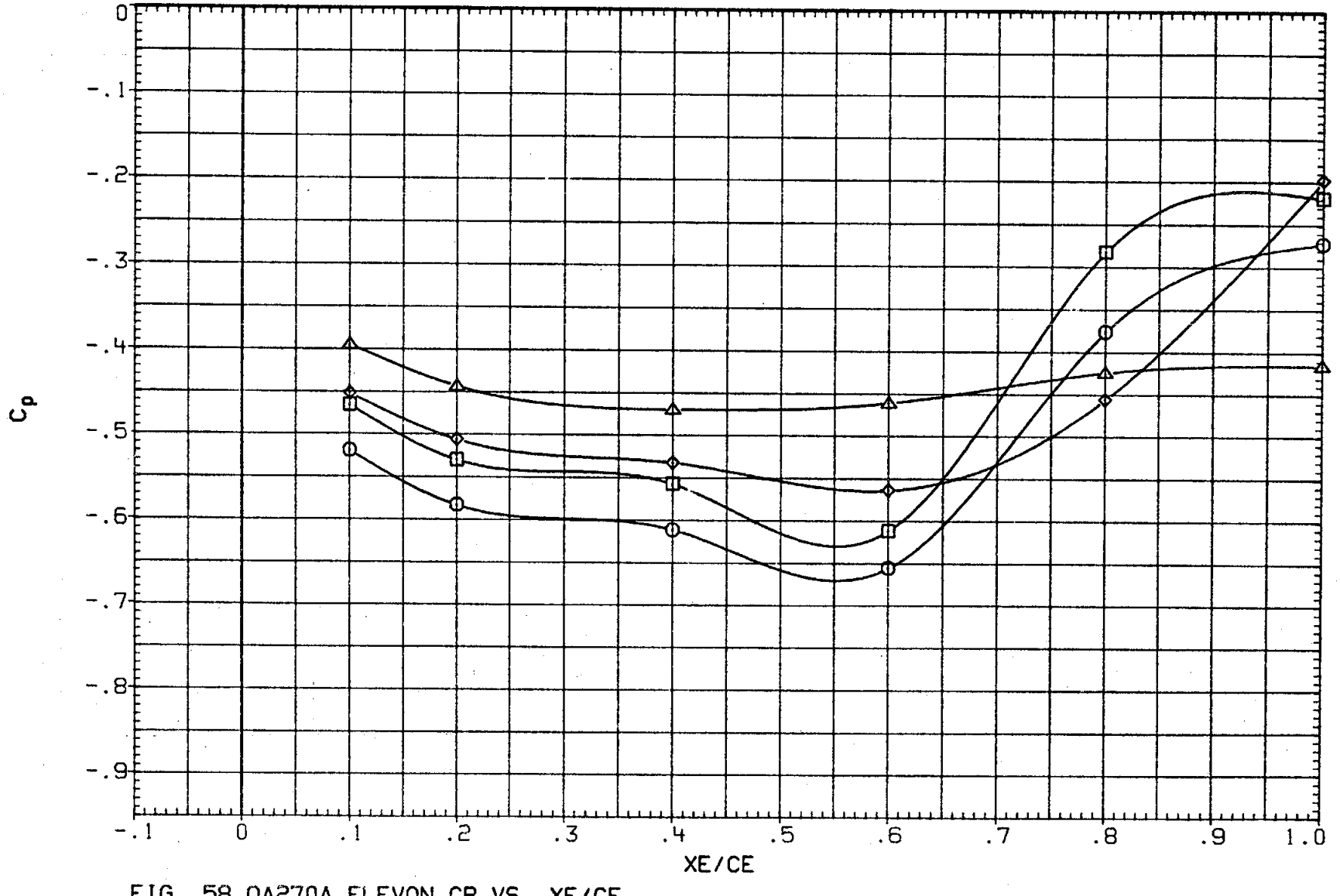


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.534	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

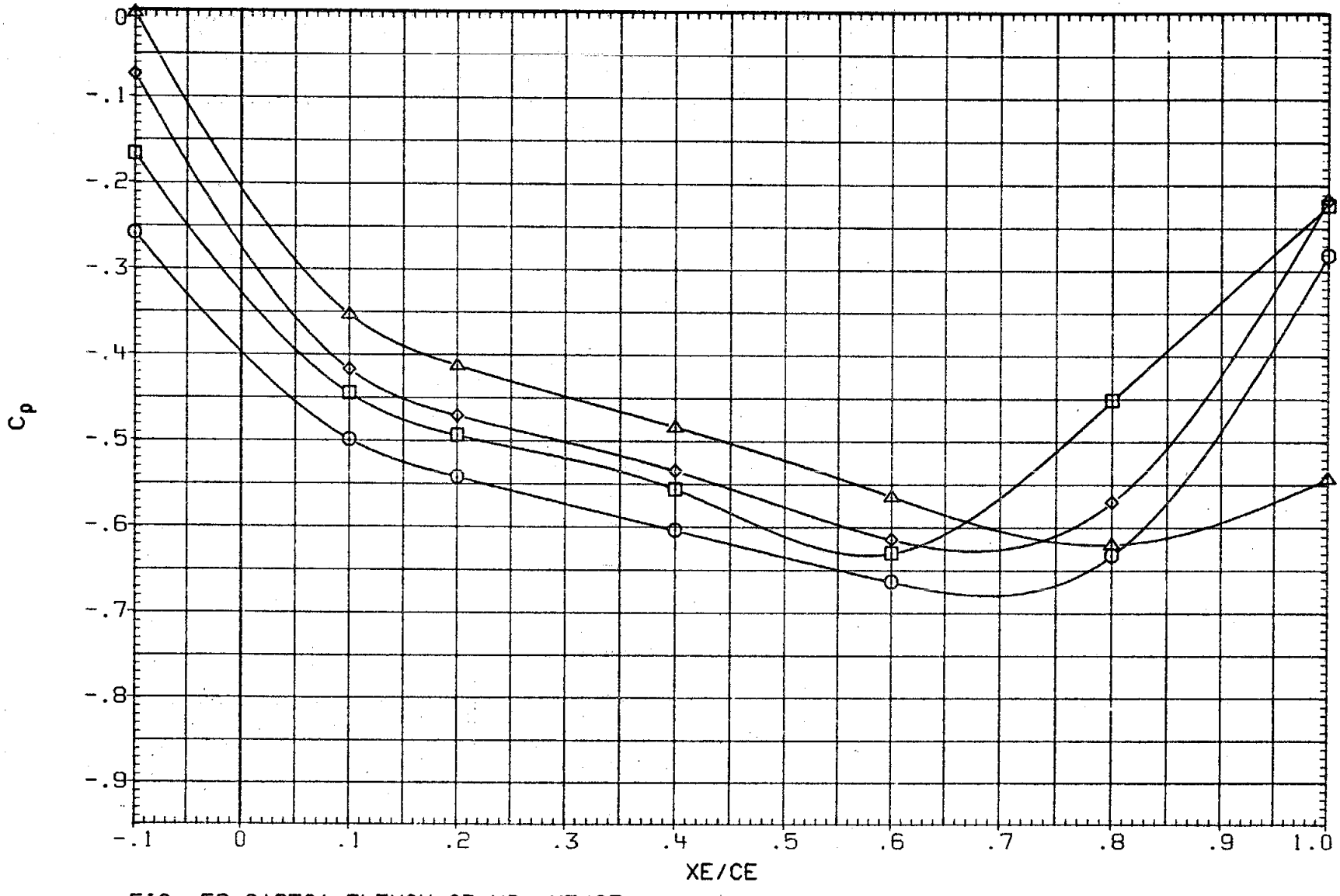


FIG. 58 0A270A ELEVON CP VS. XE/CE, INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNC04) LARC 16 TWT 326(0A270A) ELEVON IB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.615	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

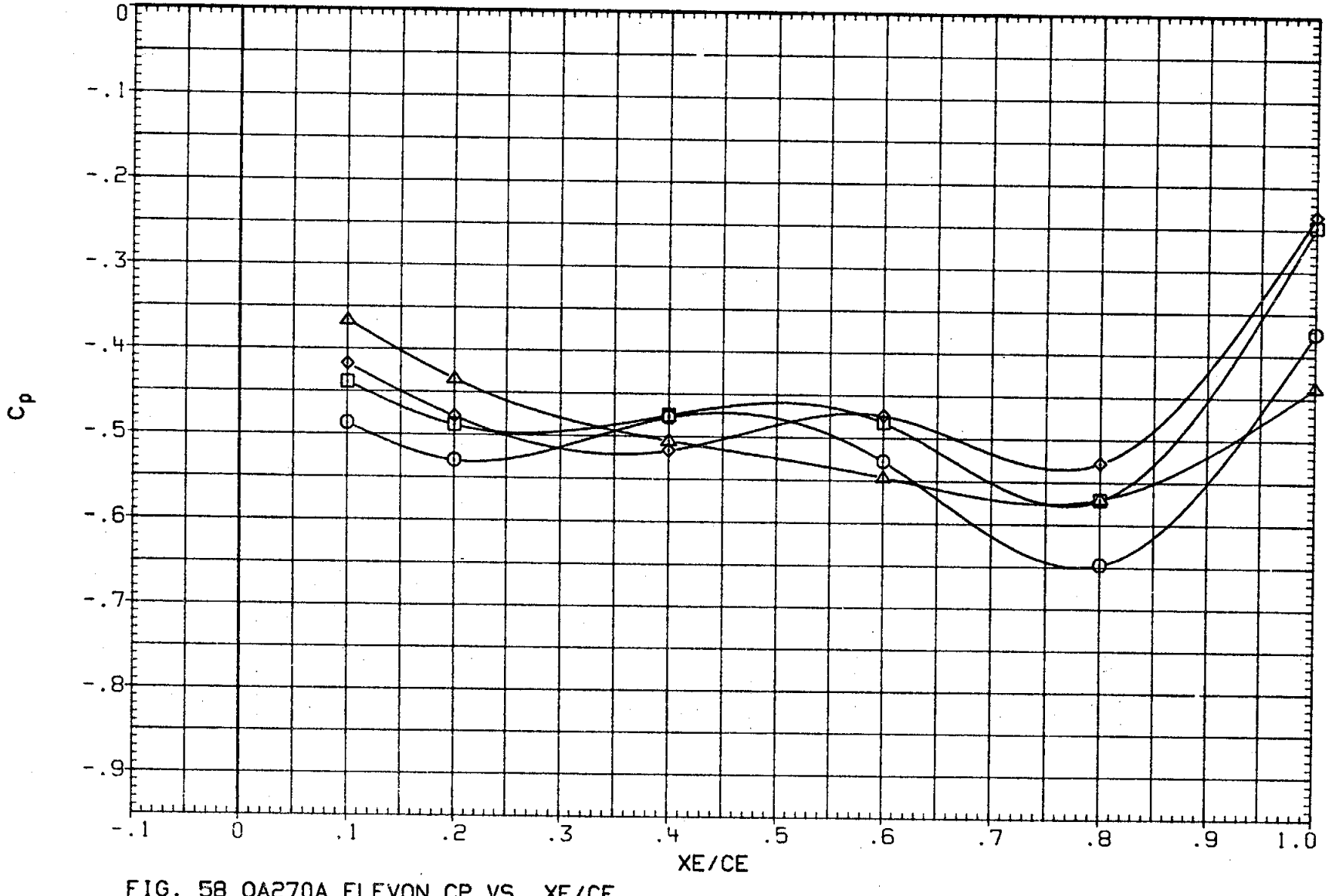


FIG. 58 0A270A ELEVON CP VS. XE/CE,
INBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND07) LARC 16 TWT 326(0A270A) ELEVON 0B LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.715	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

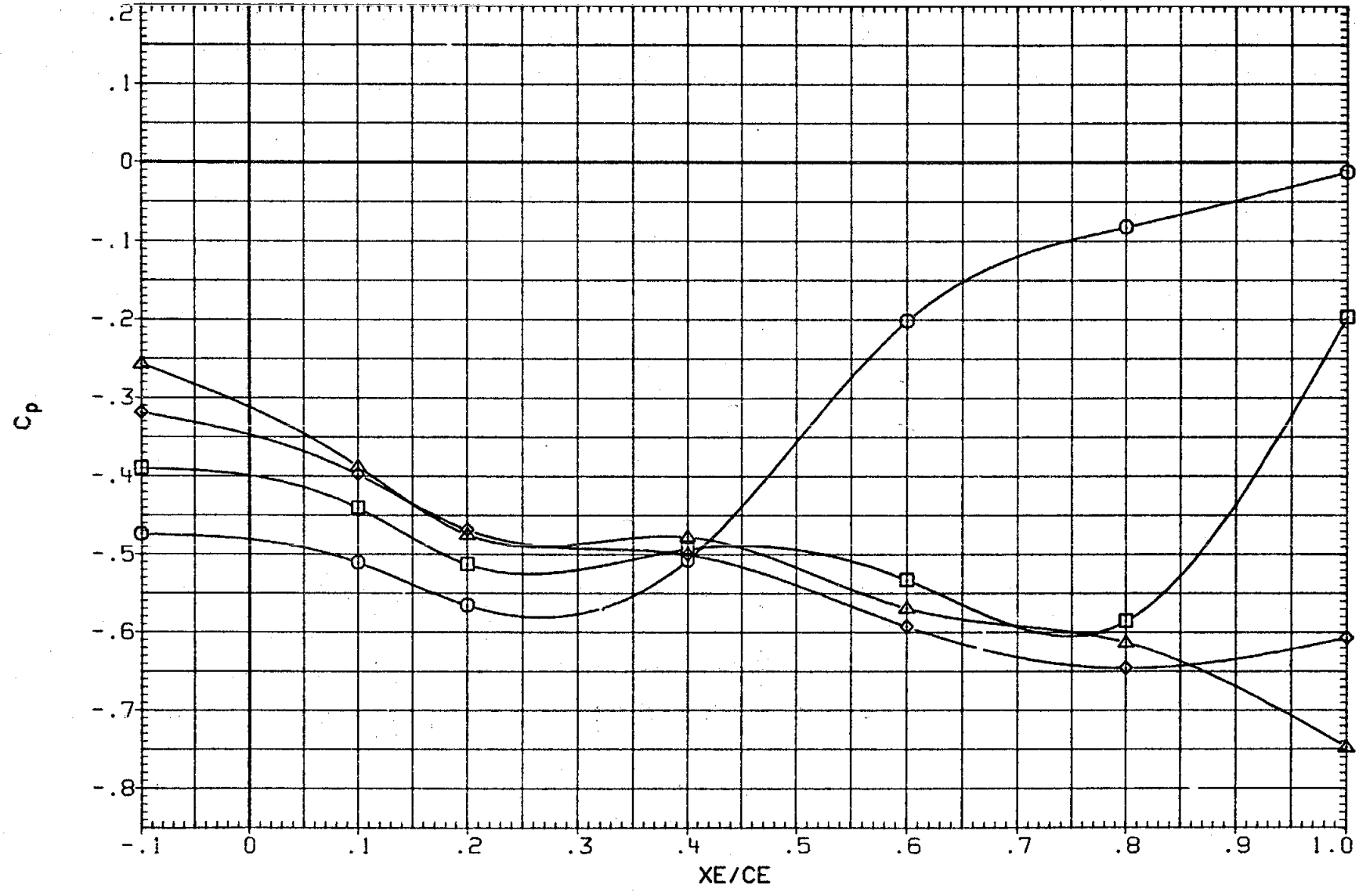


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.800	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

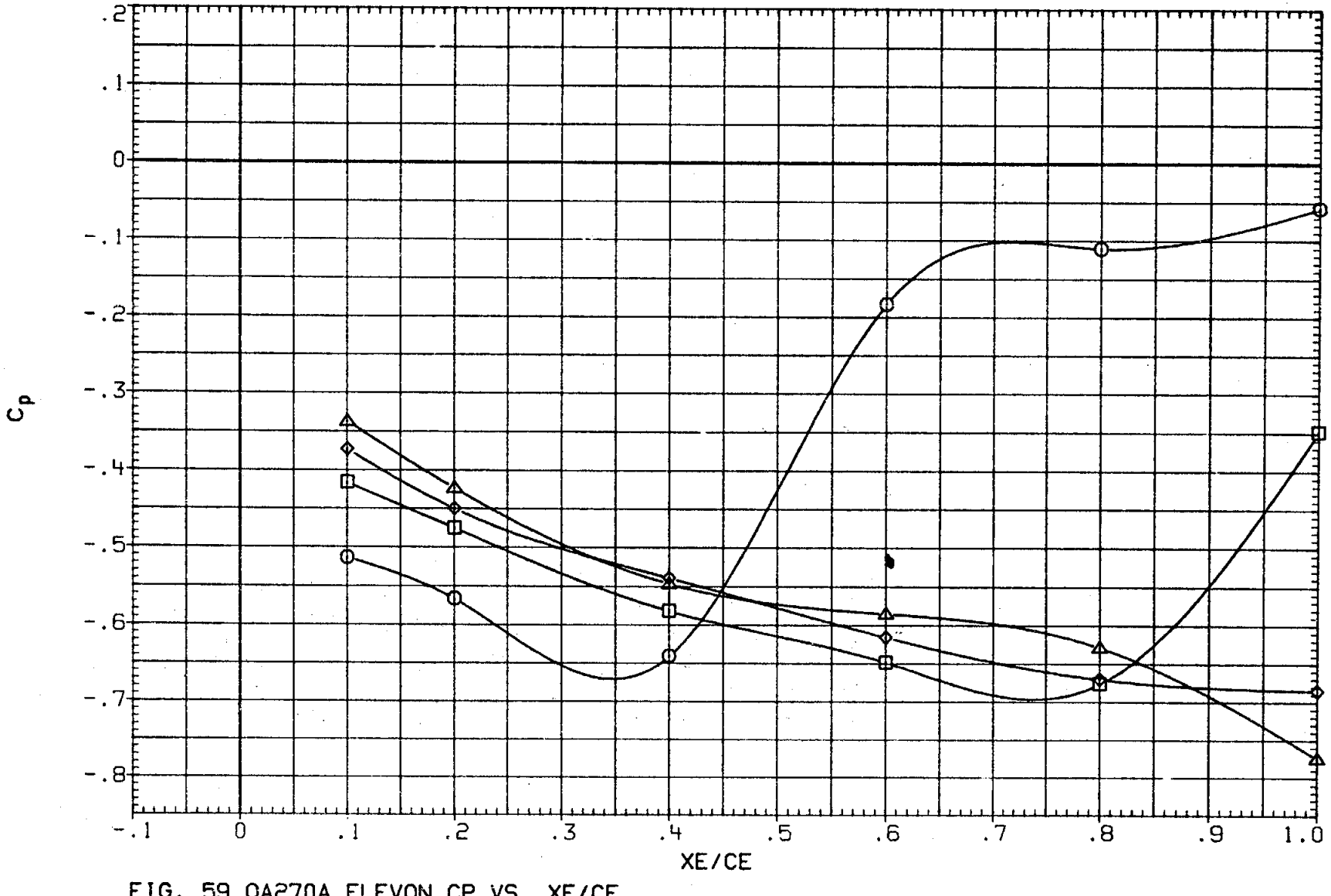


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.887	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

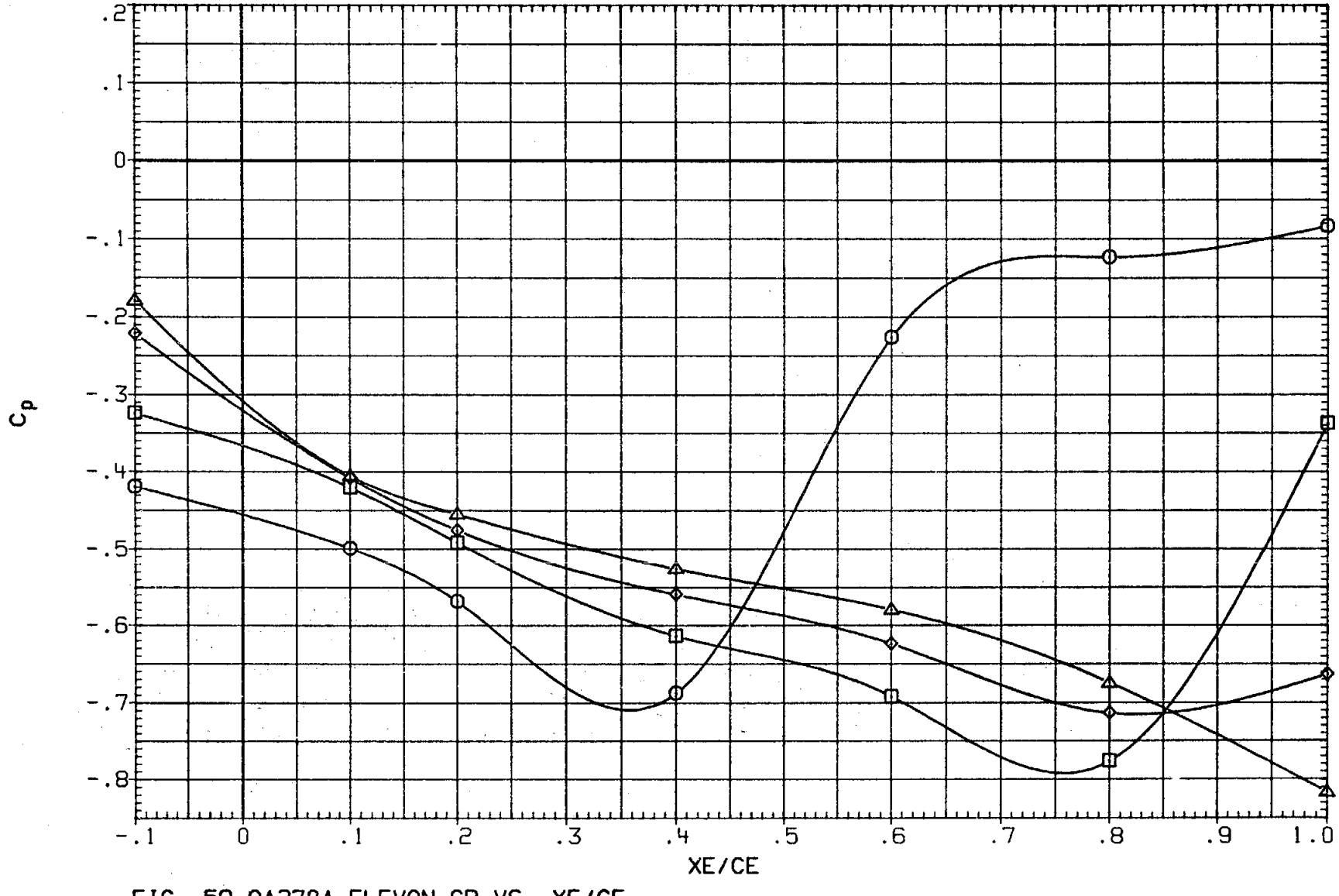


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.960	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

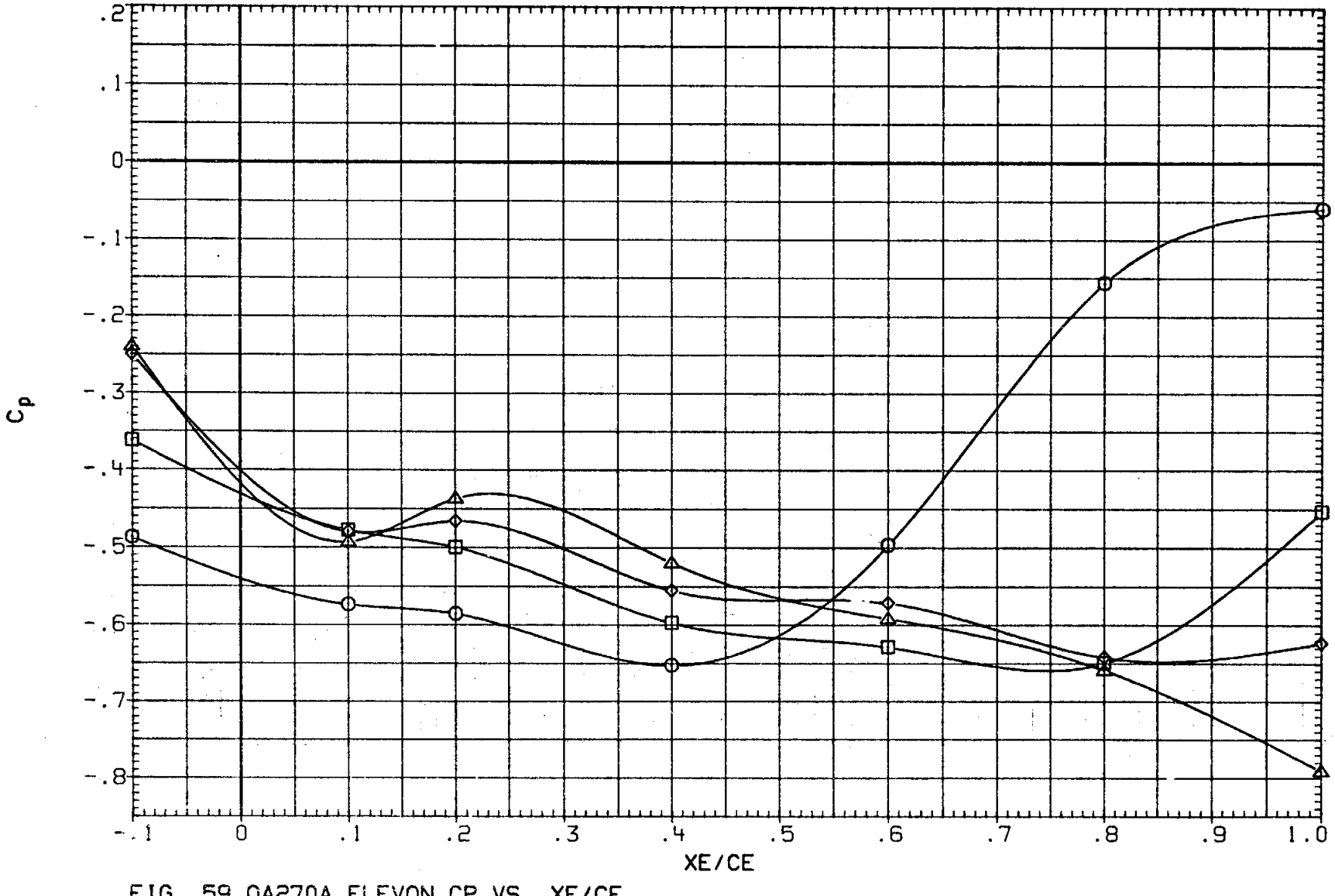


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.715	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

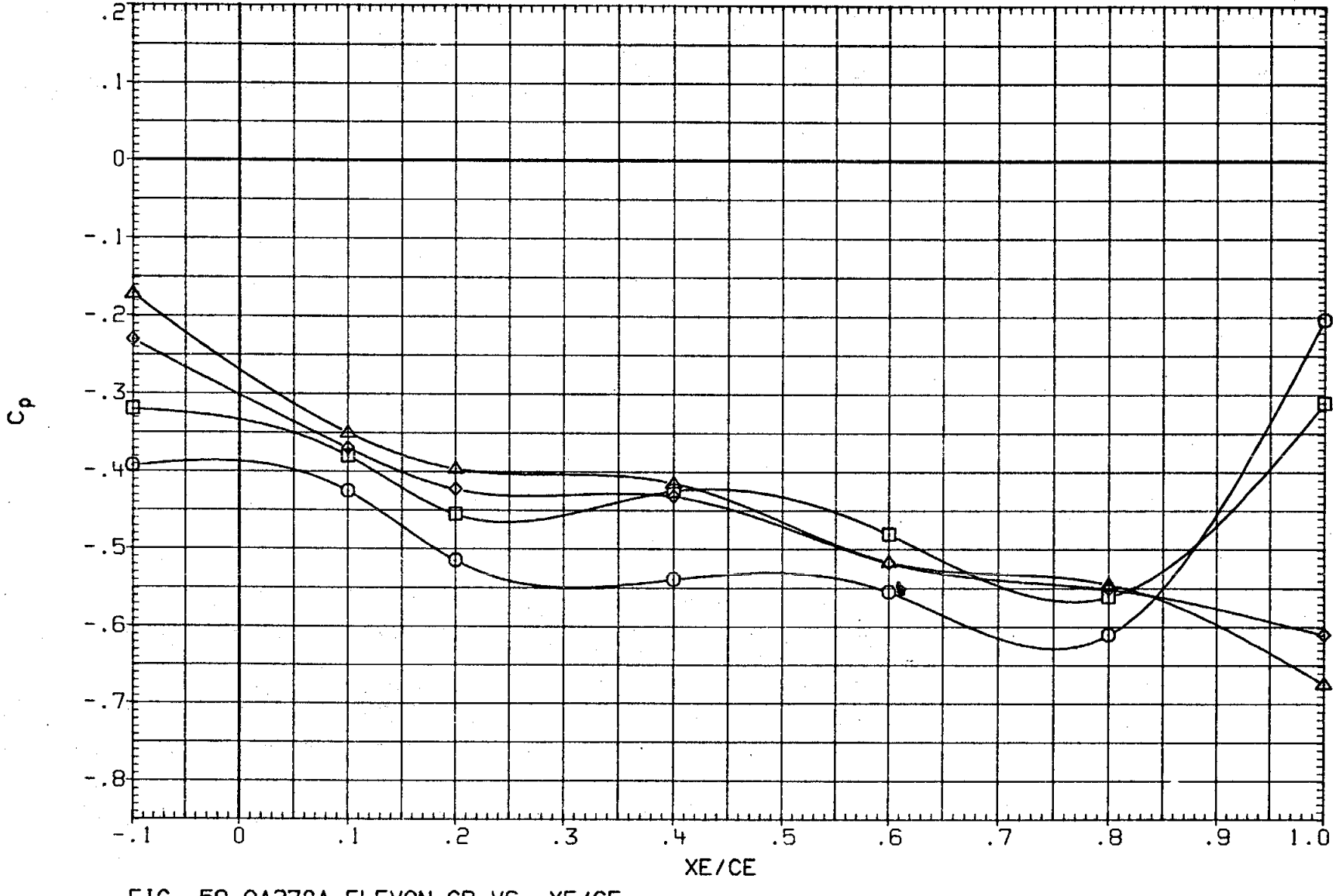


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON 0B LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.800	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

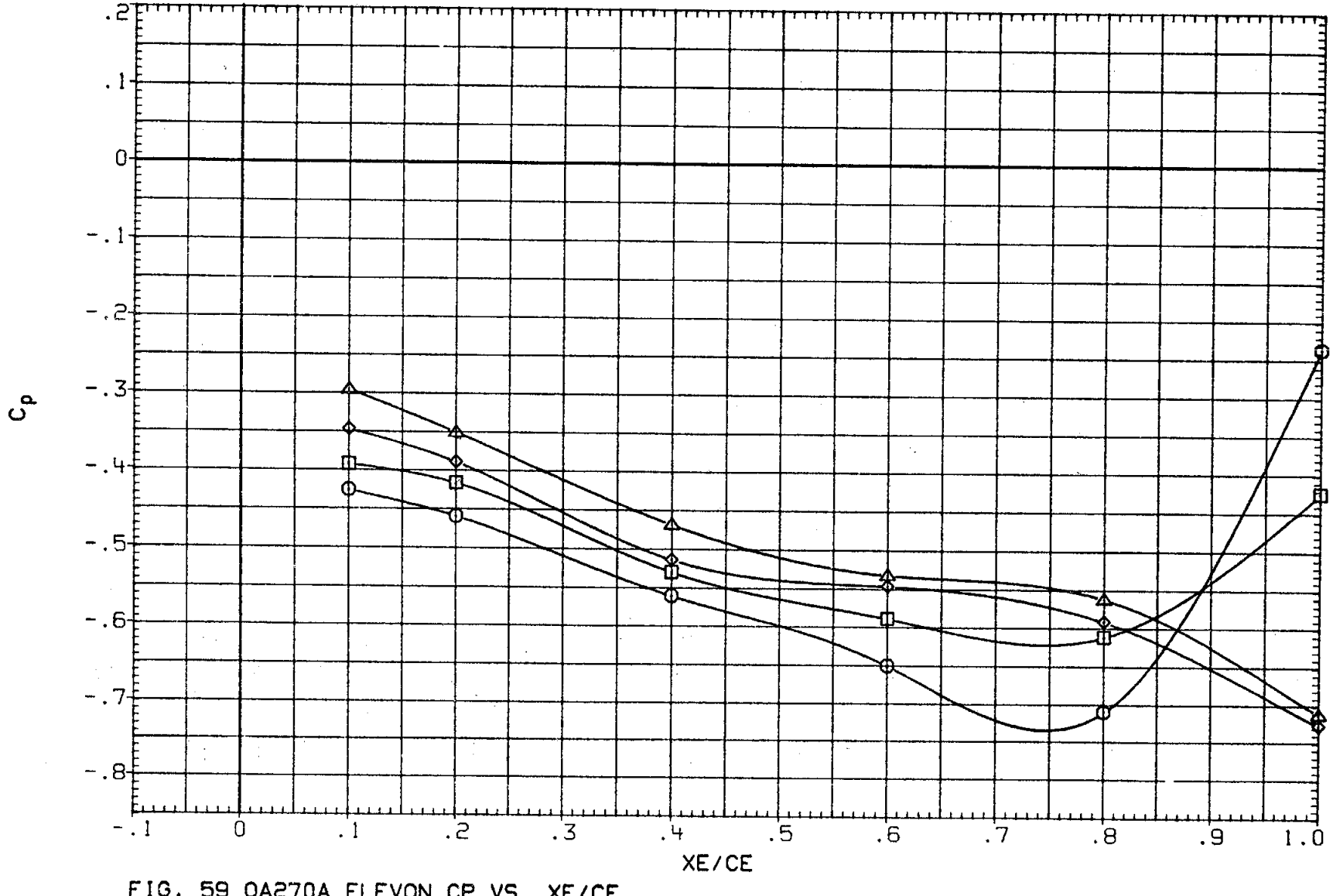


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.887	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES.

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

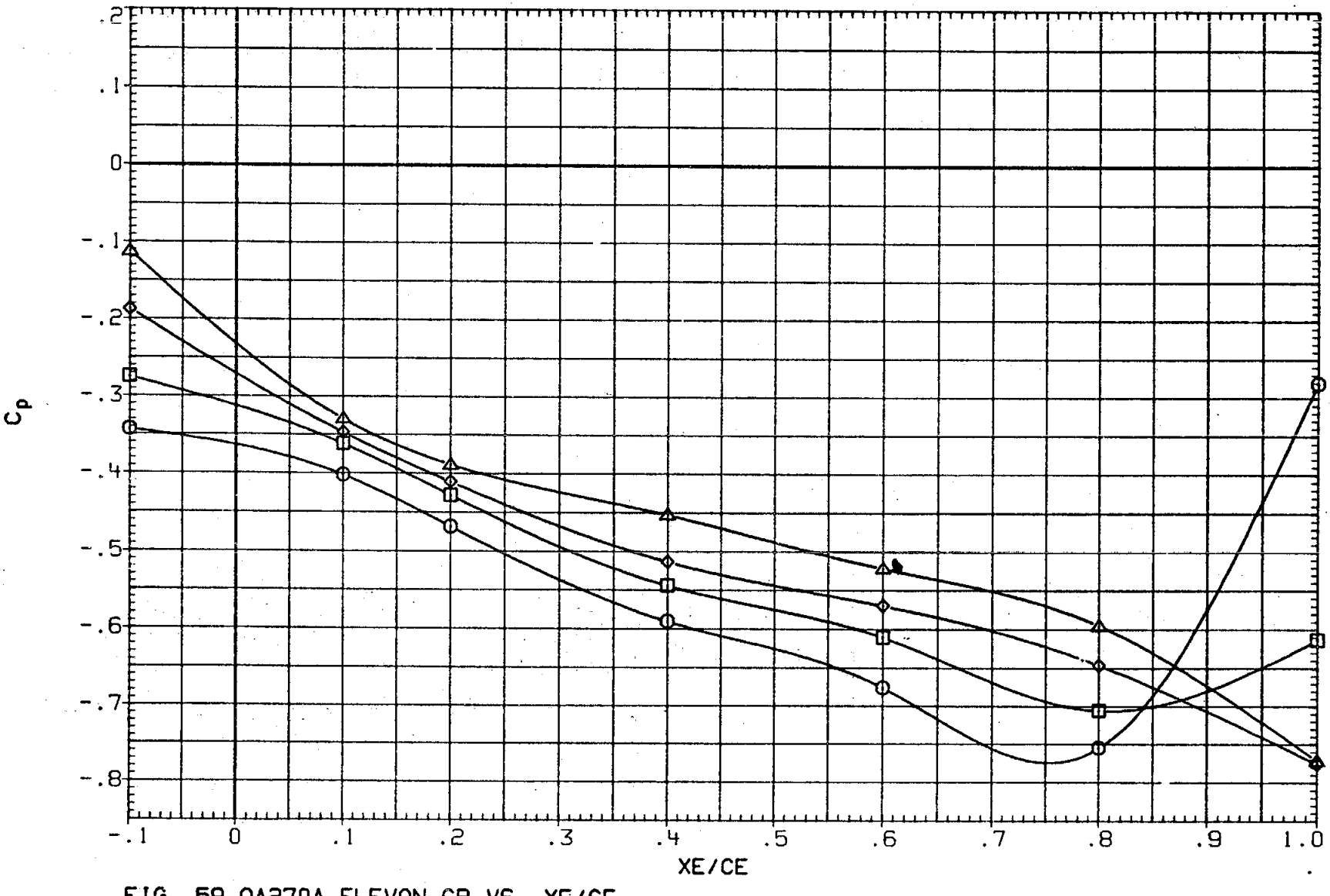


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.960	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

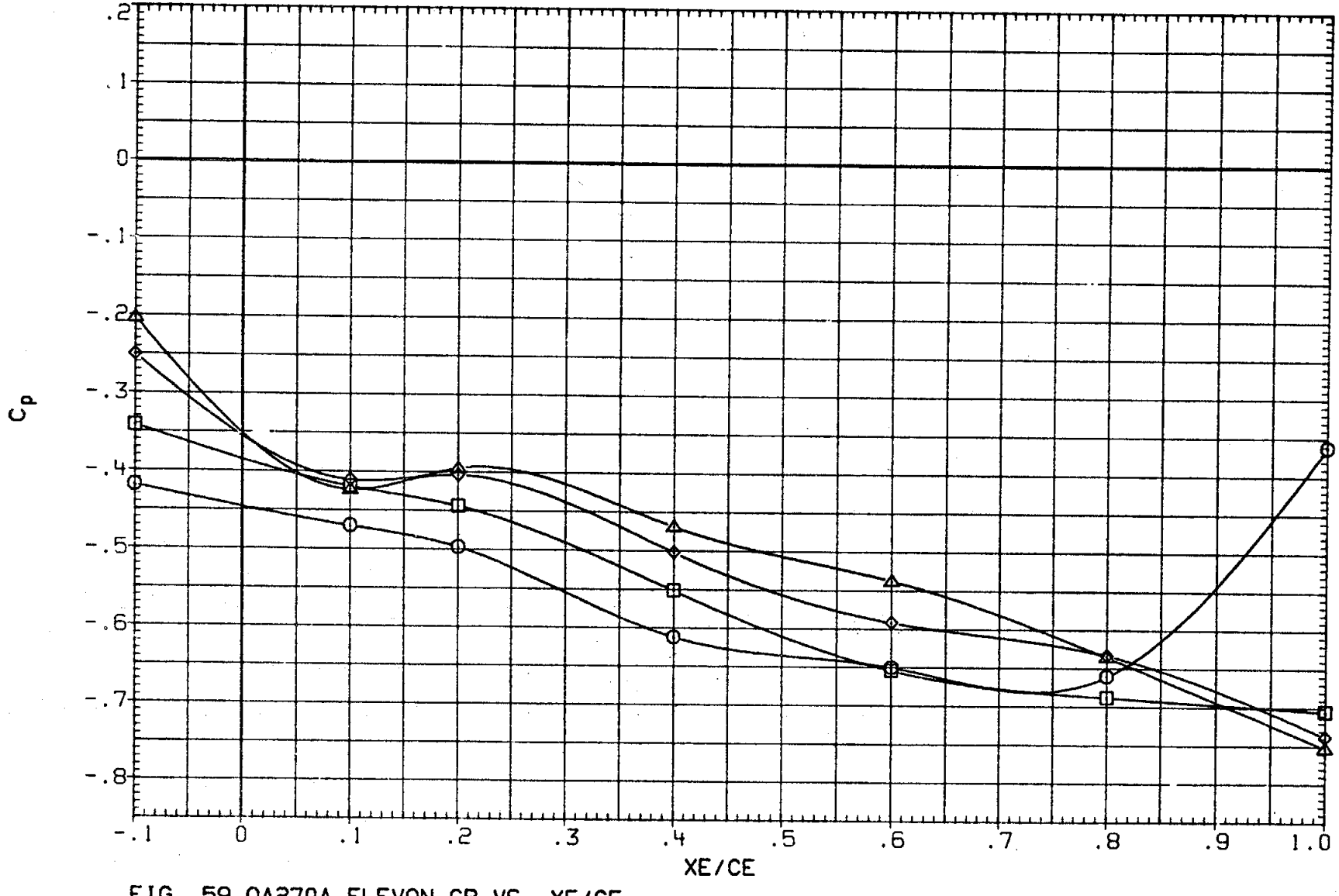


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.715	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

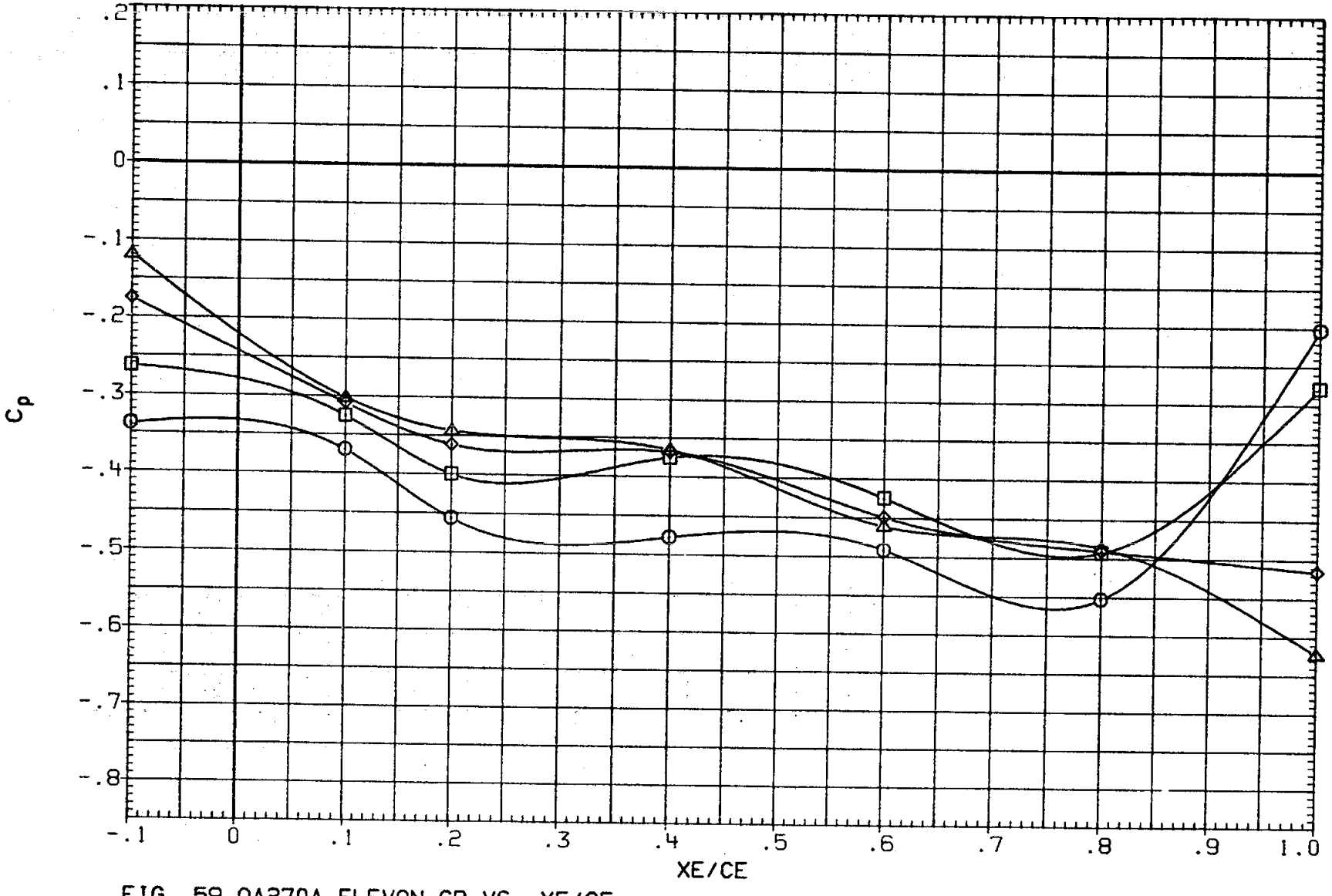


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.800	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

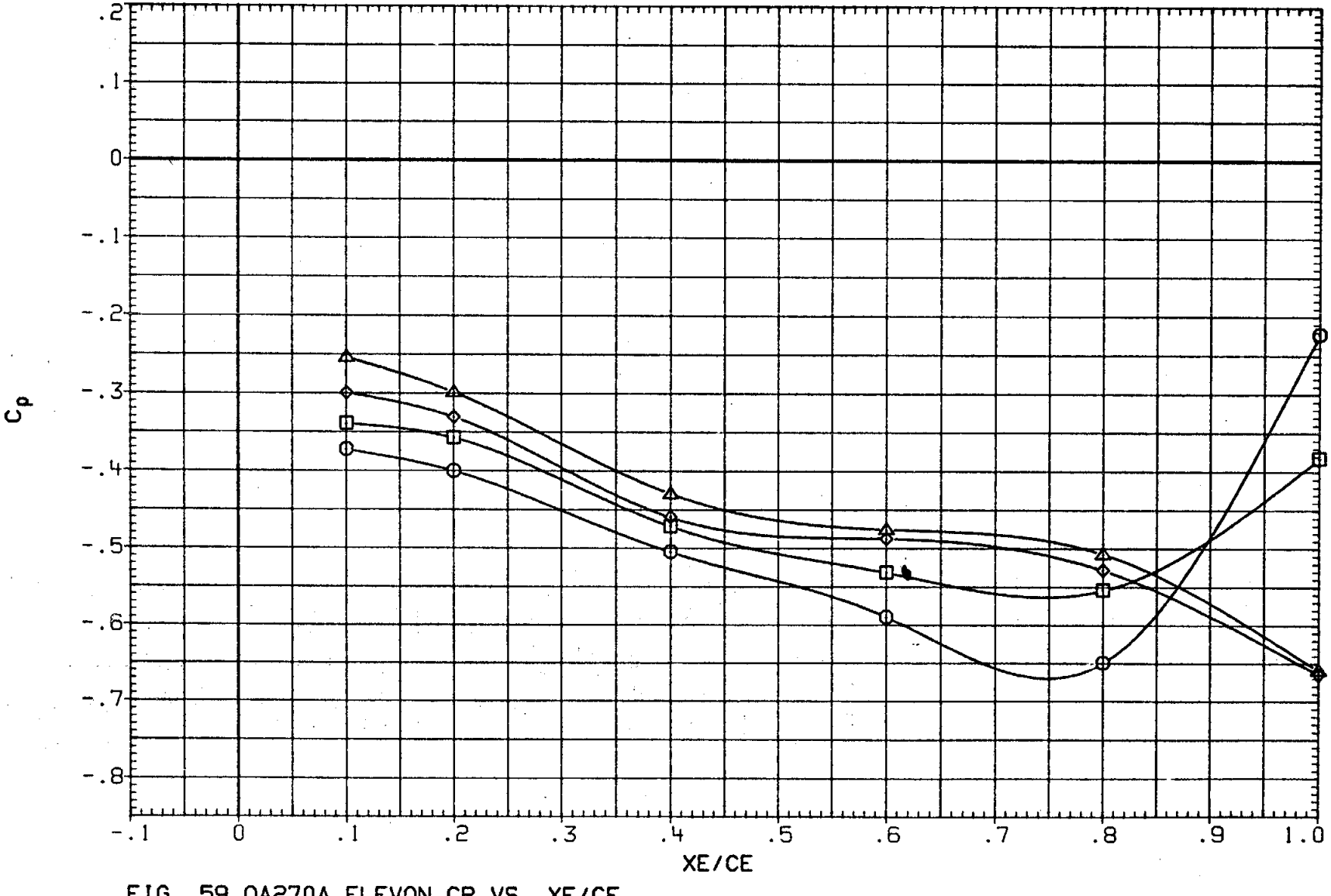


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.887	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

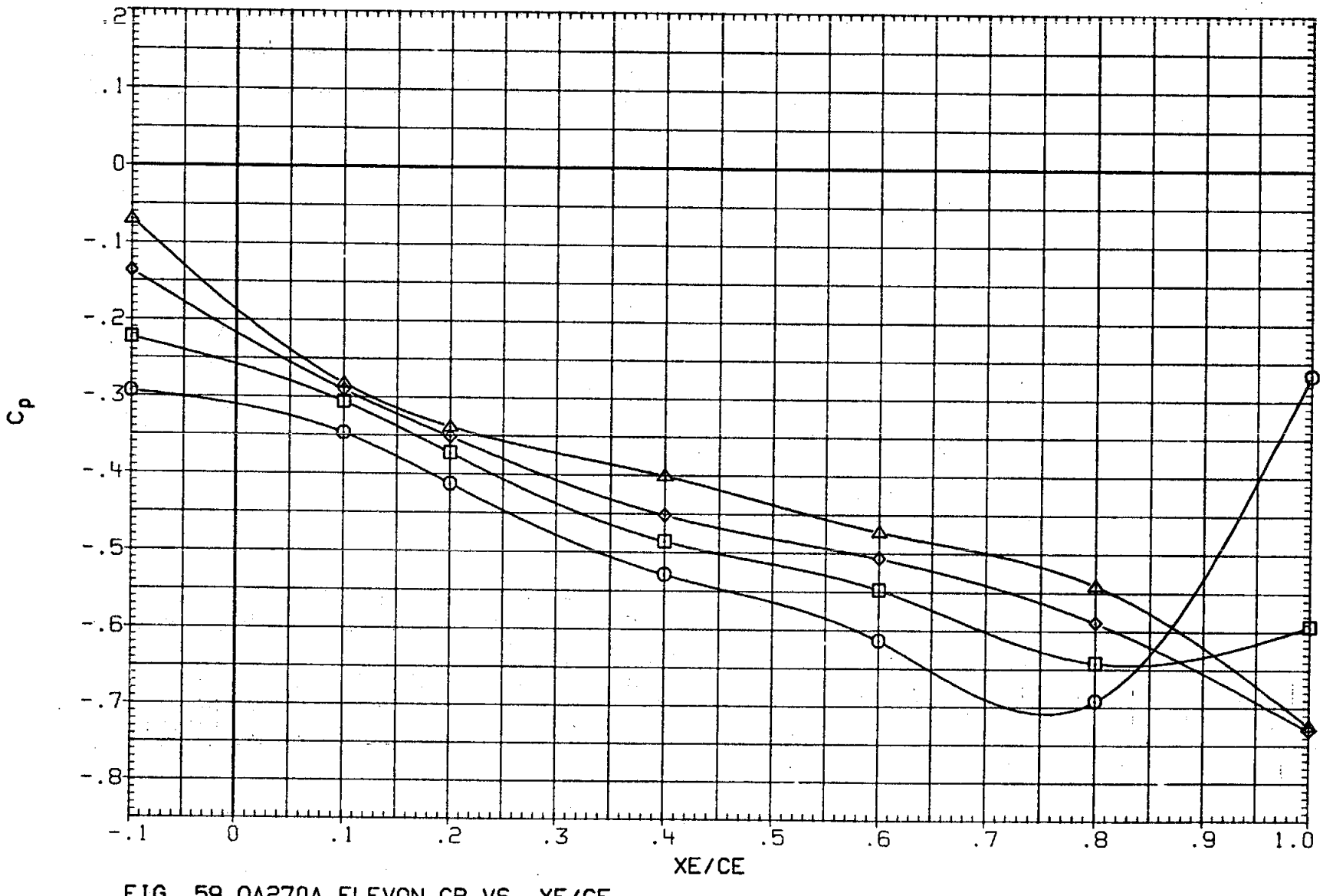


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.960	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

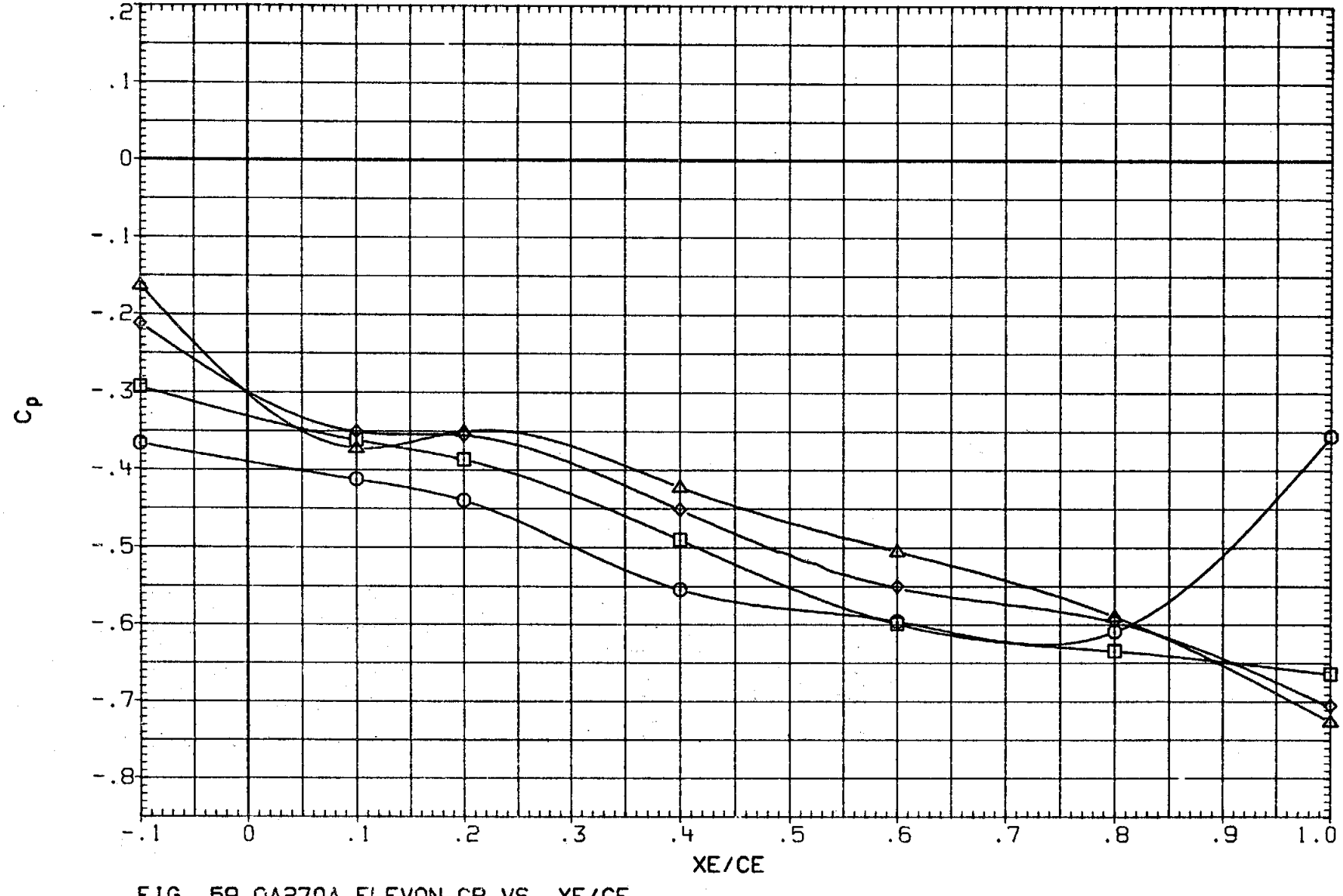


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.715	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

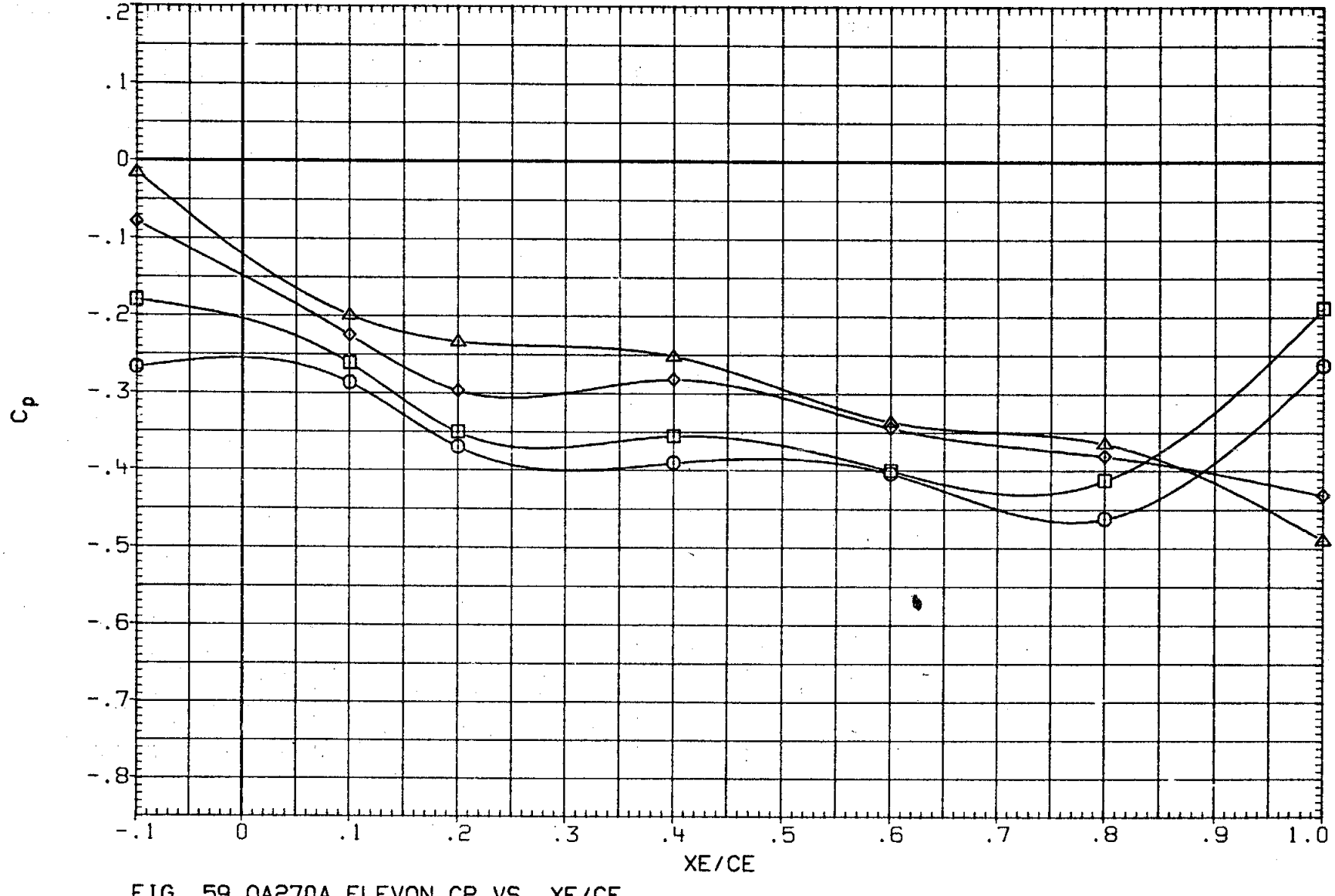


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.800	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

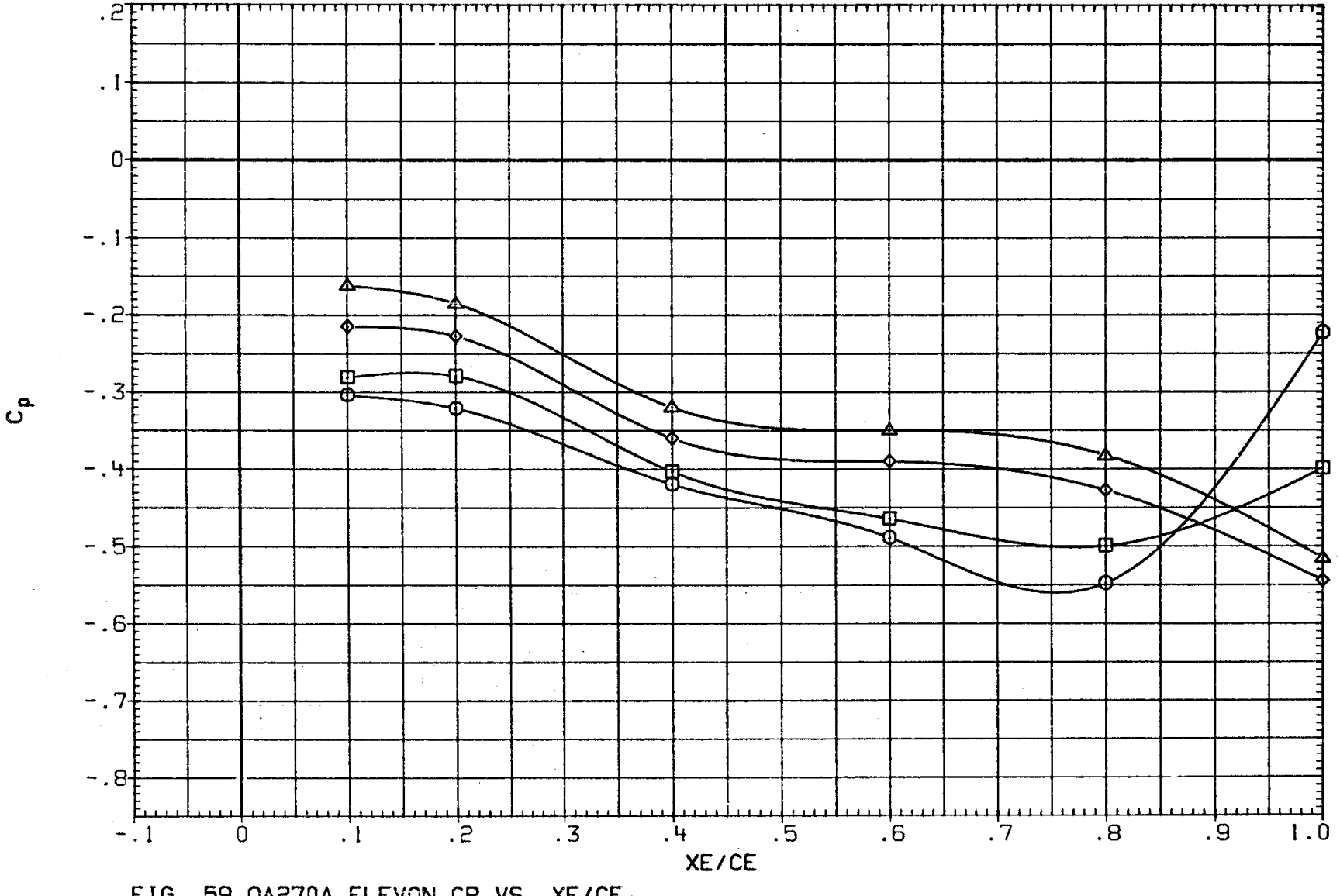


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.887	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

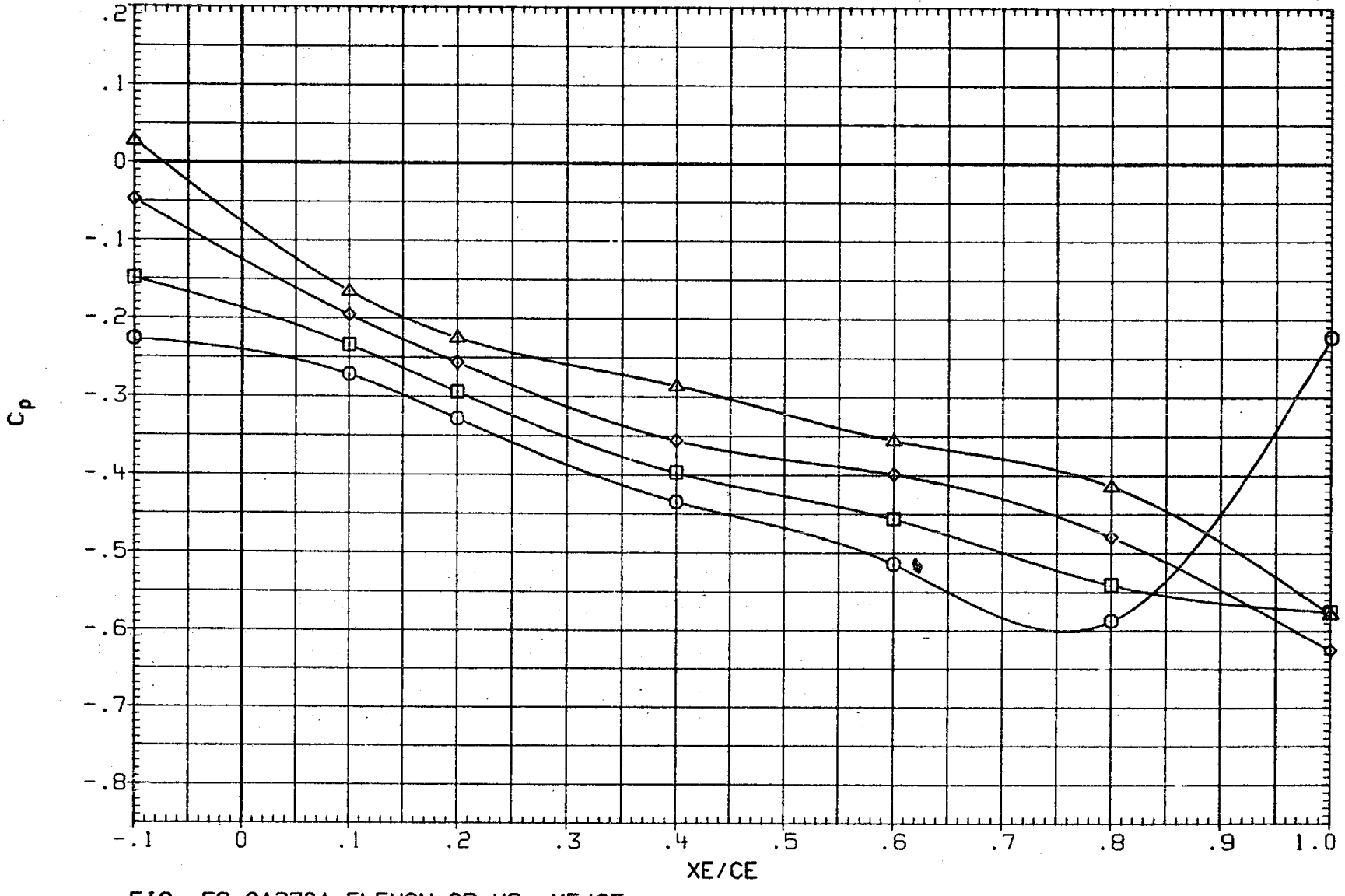


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON 0B LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.960	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

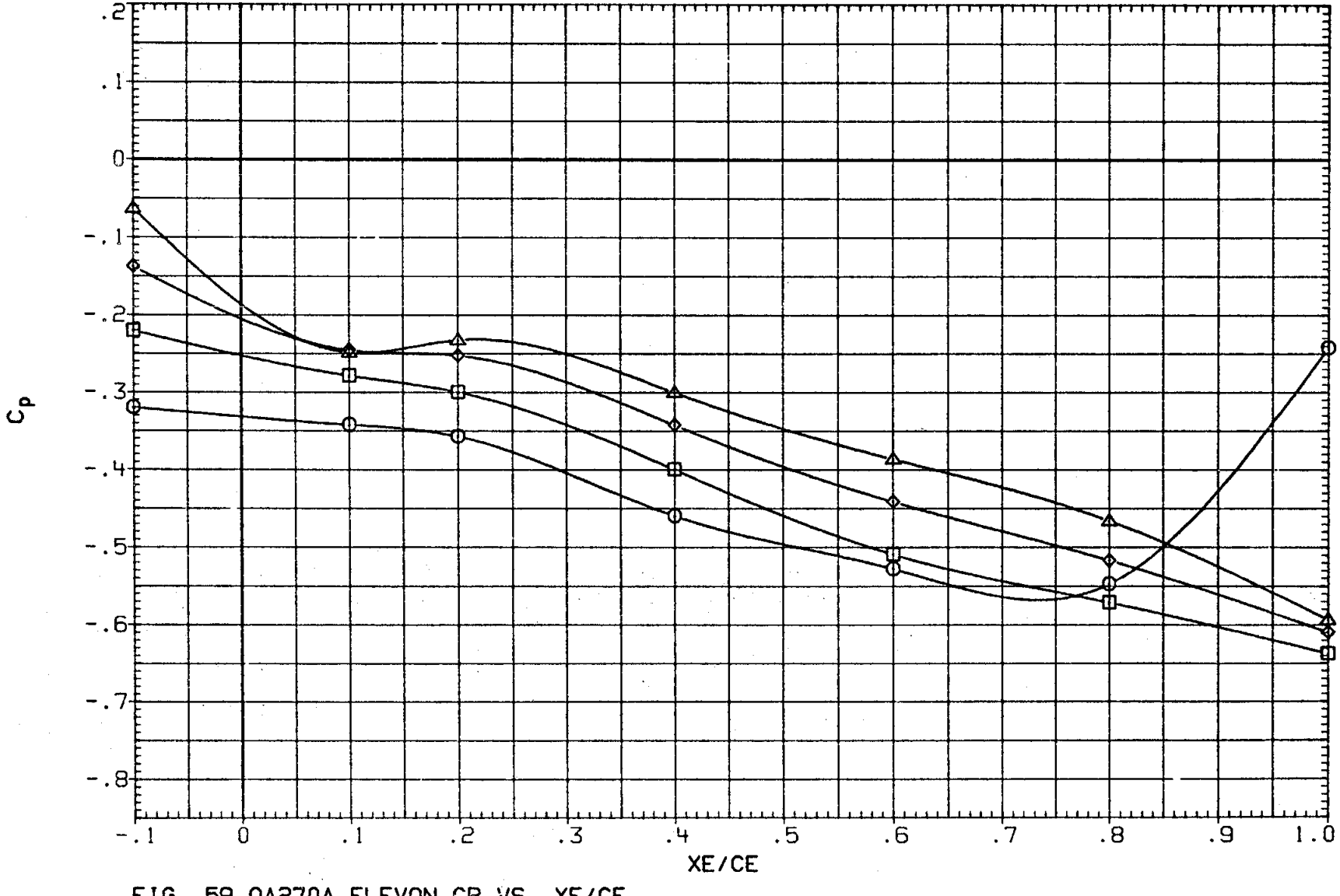


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.715	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

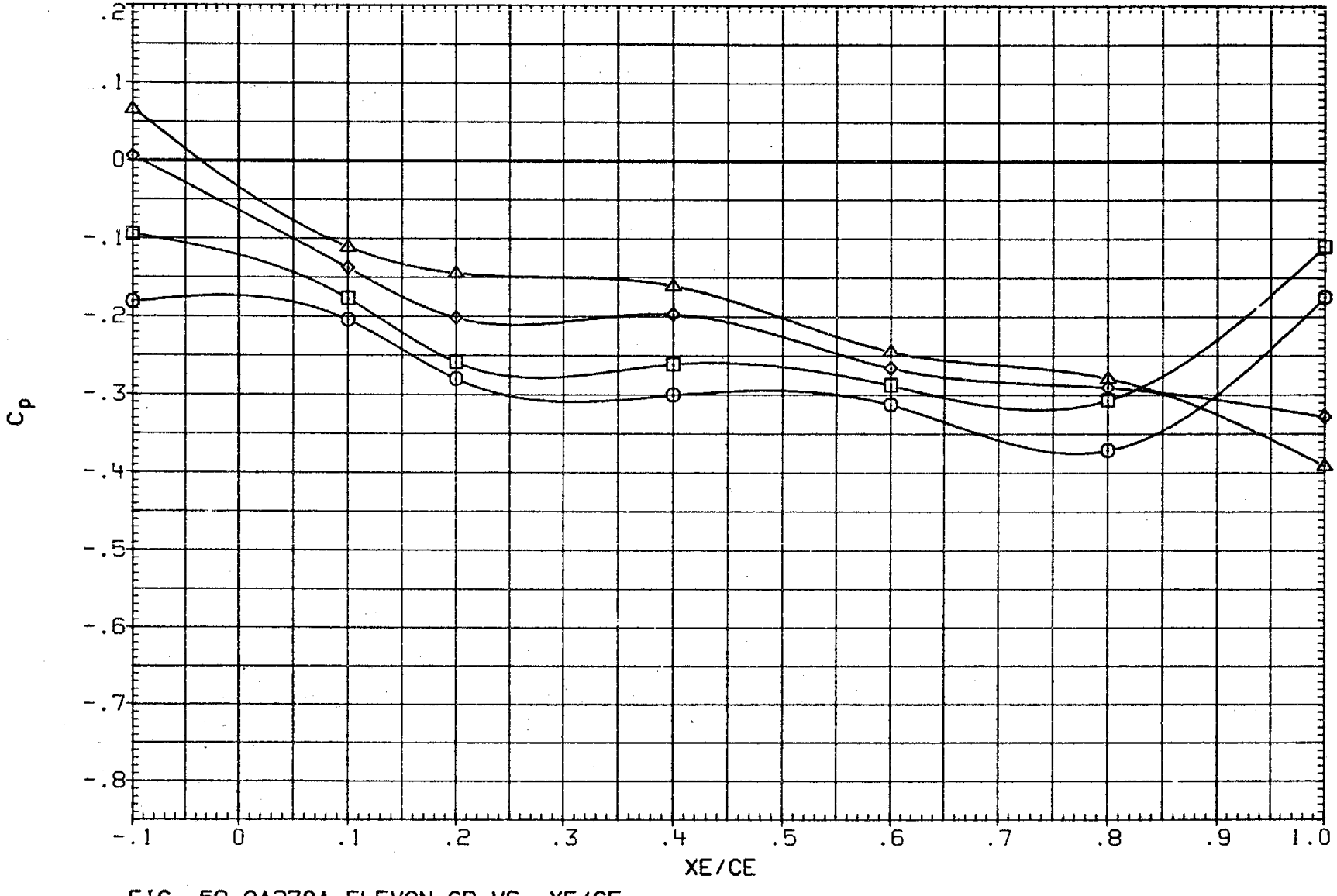


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.800	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

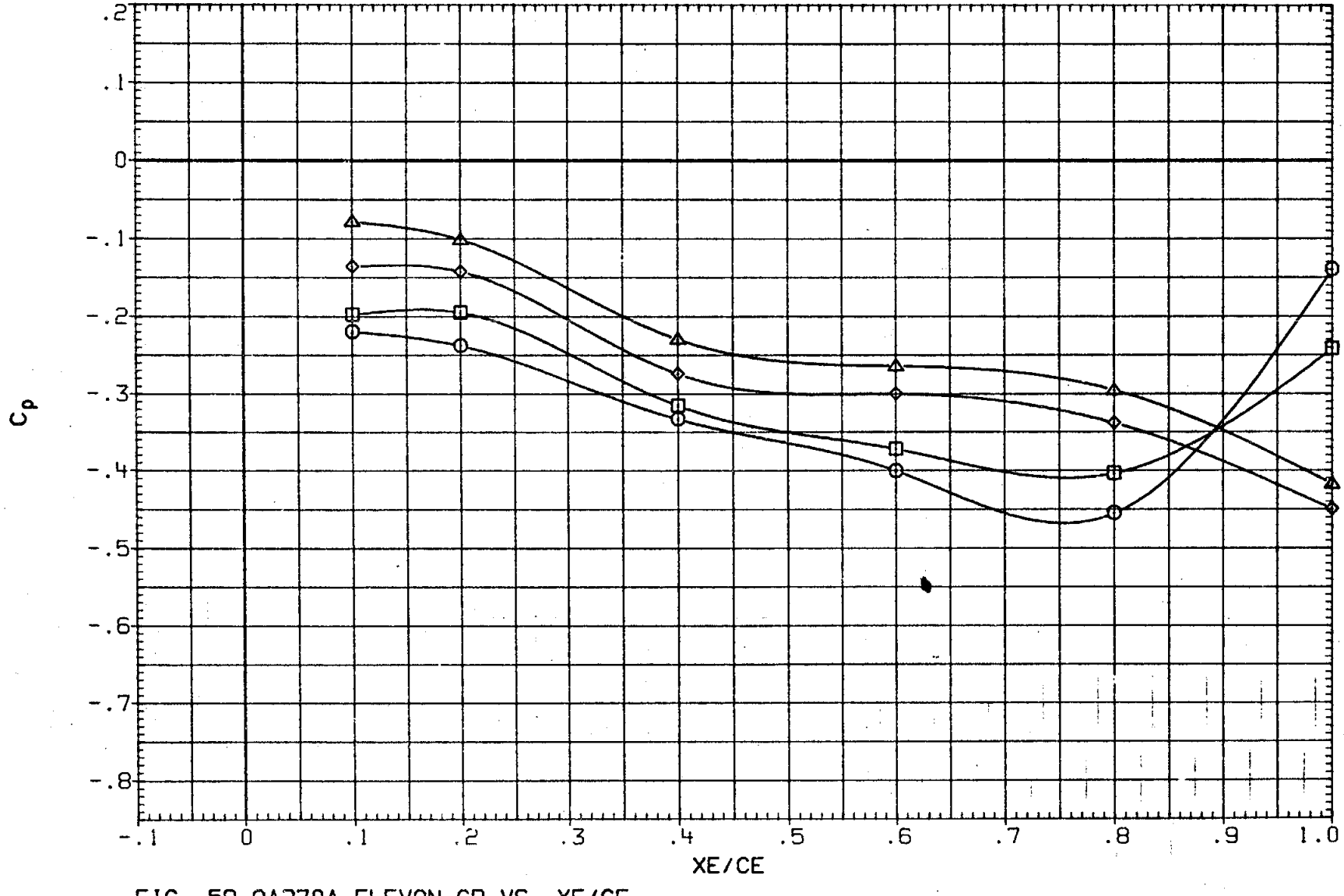


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.887	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

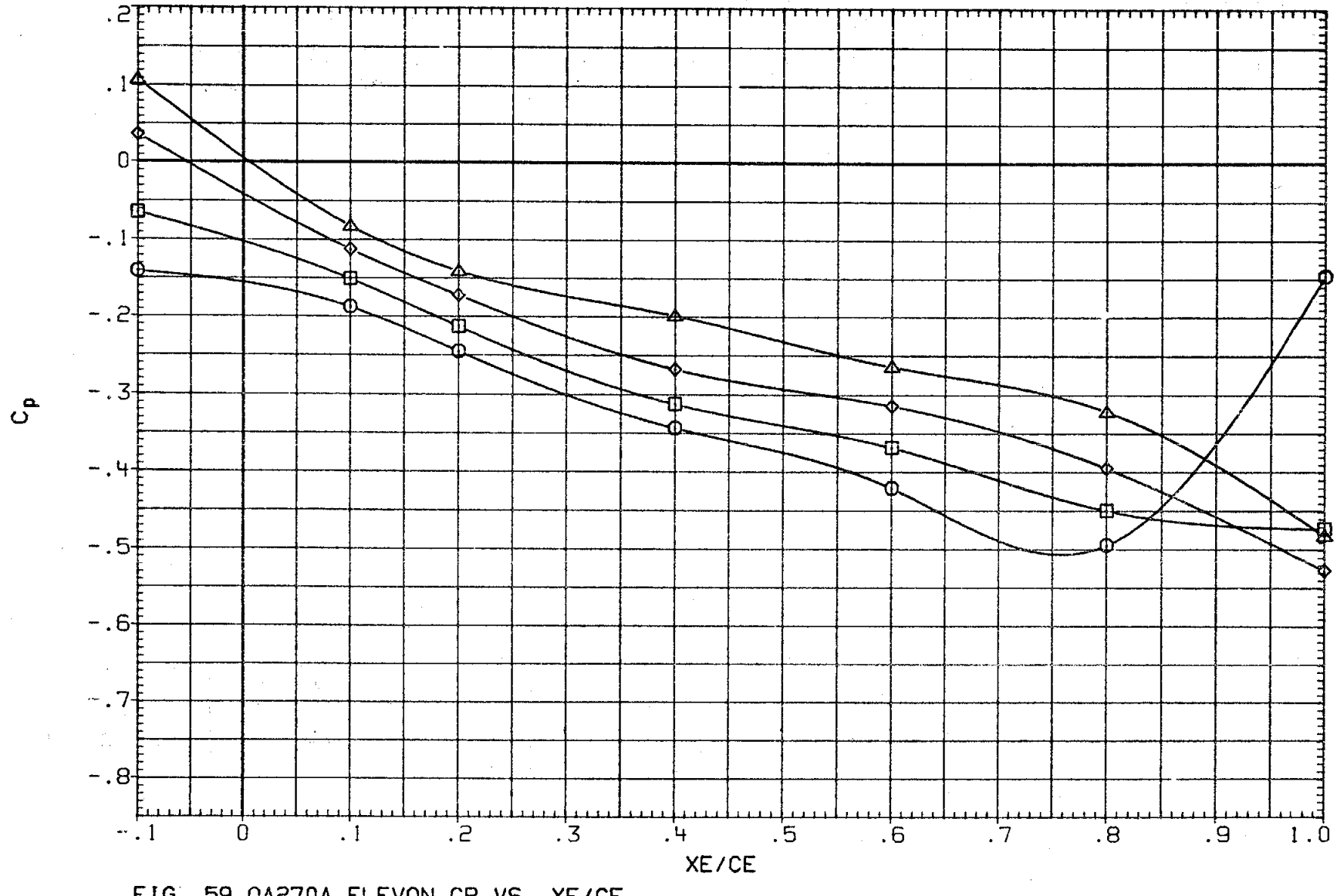


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.960	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

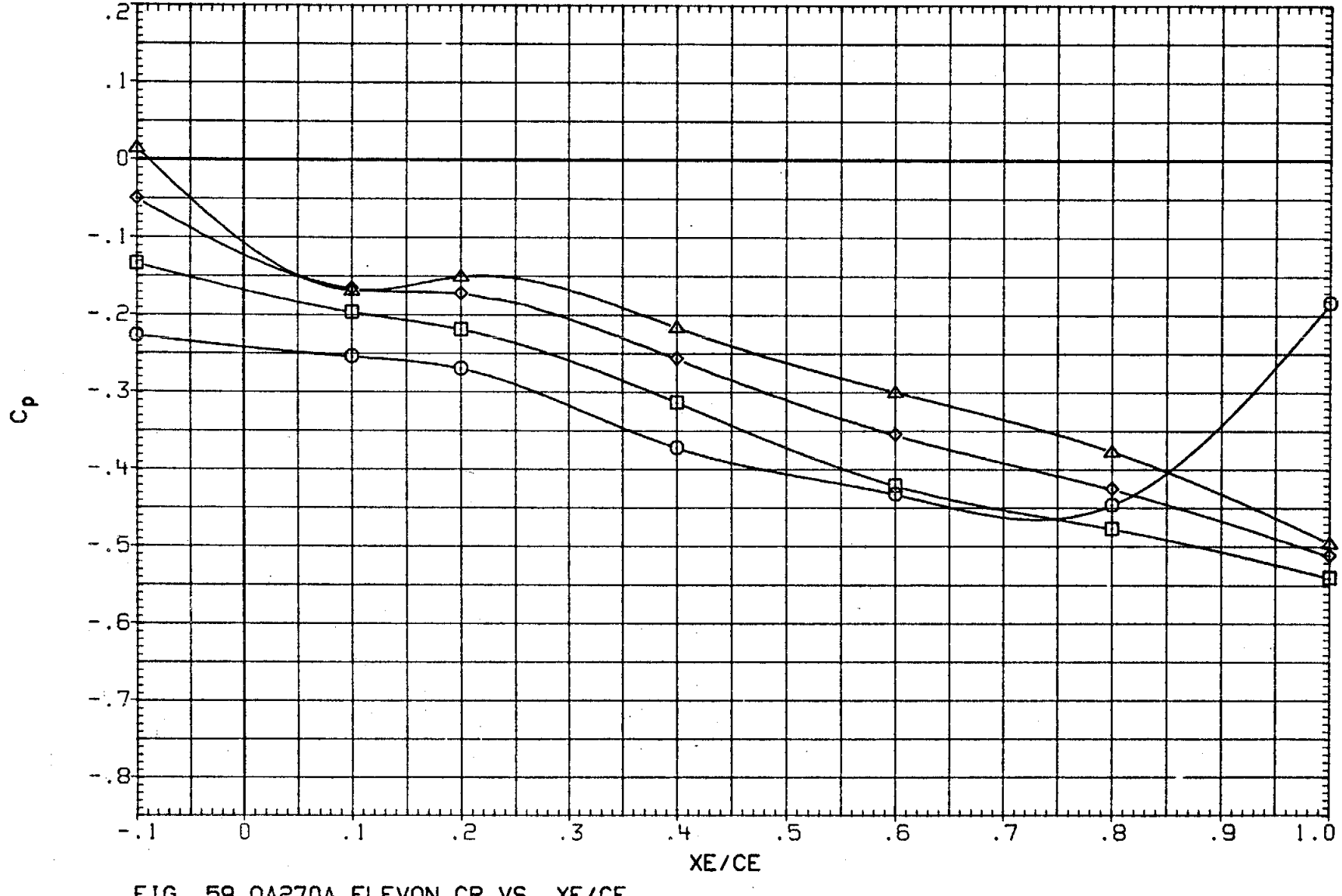


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.715	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

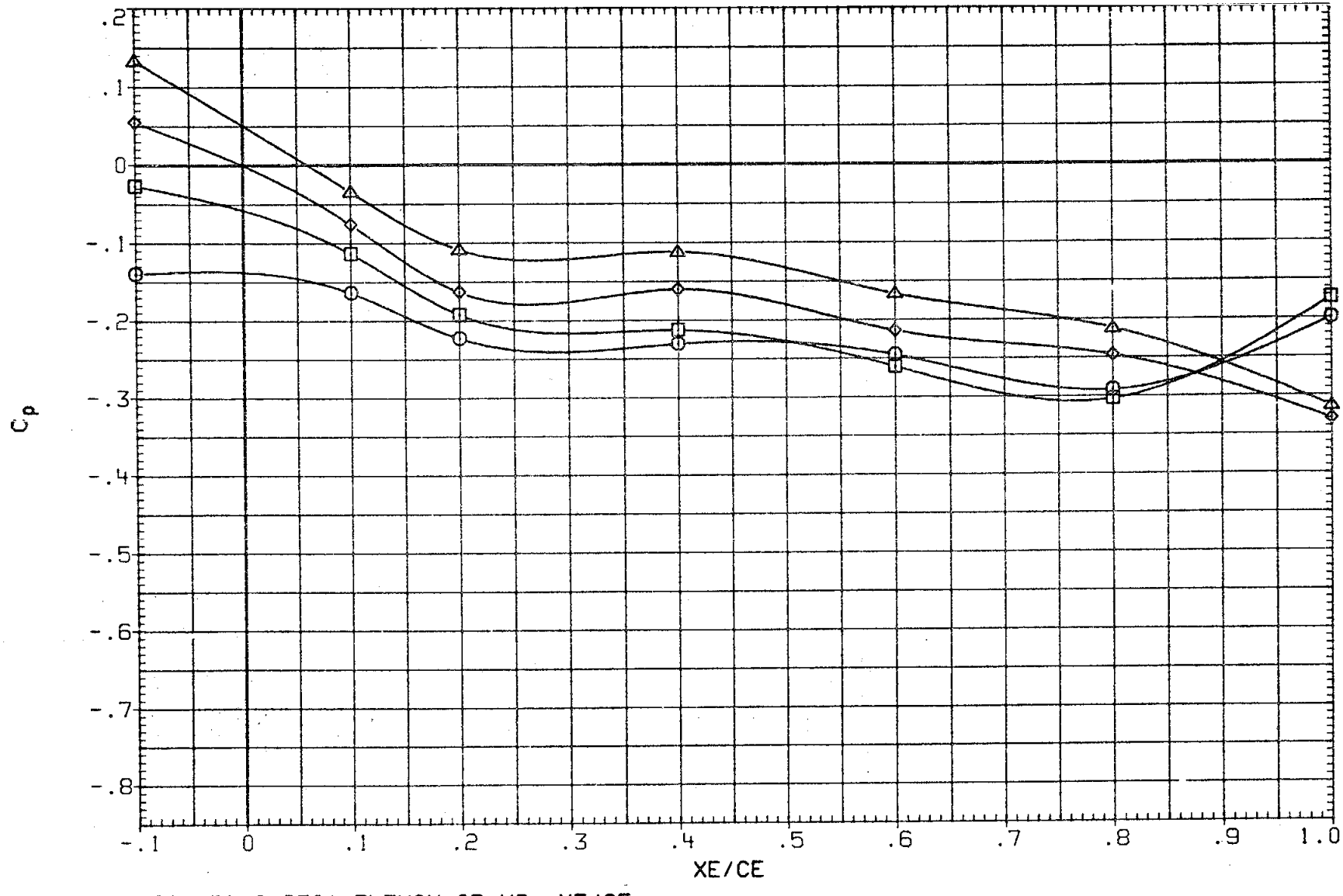


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	Z/BW	MACH
○	.117	.800	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

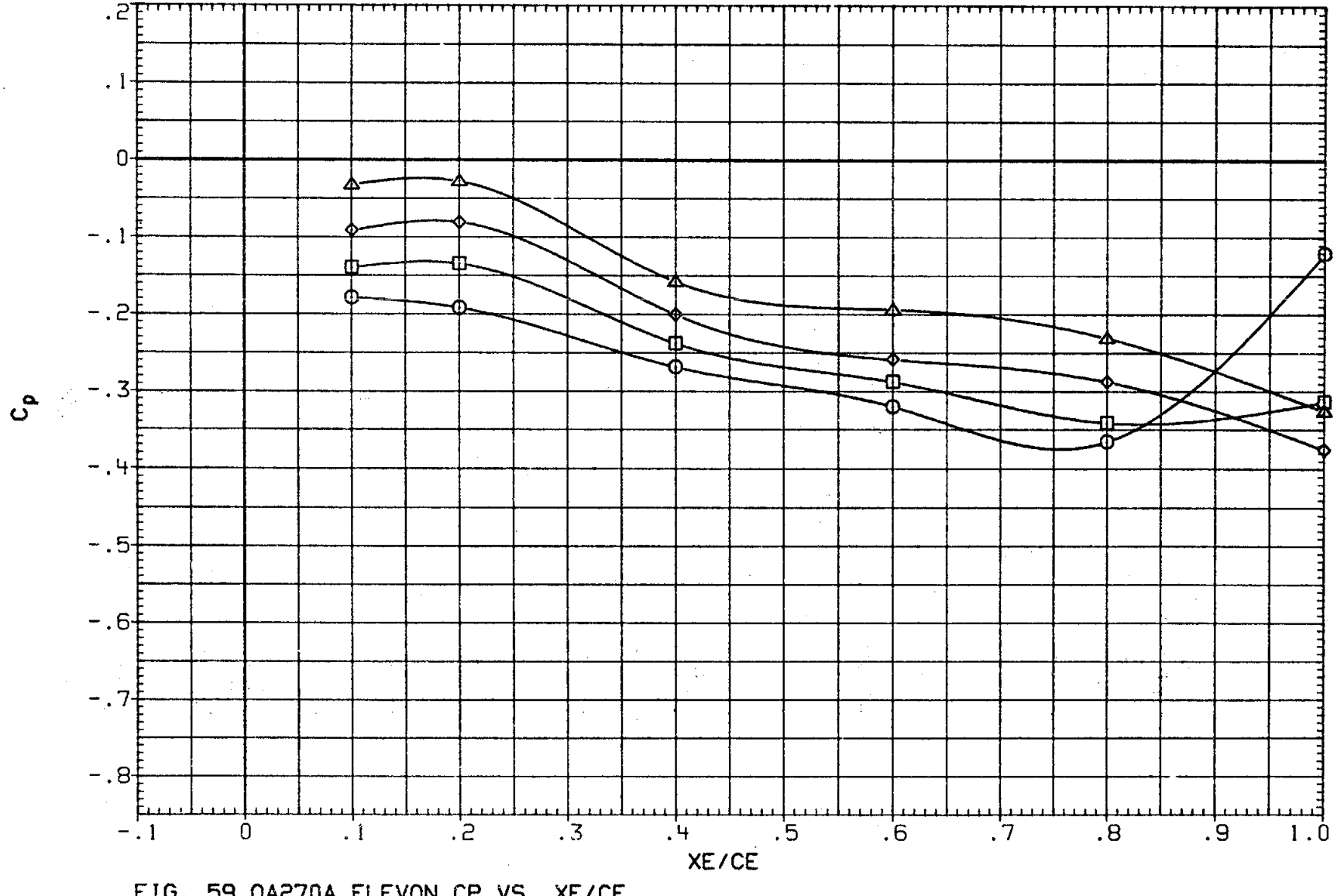


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.887	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

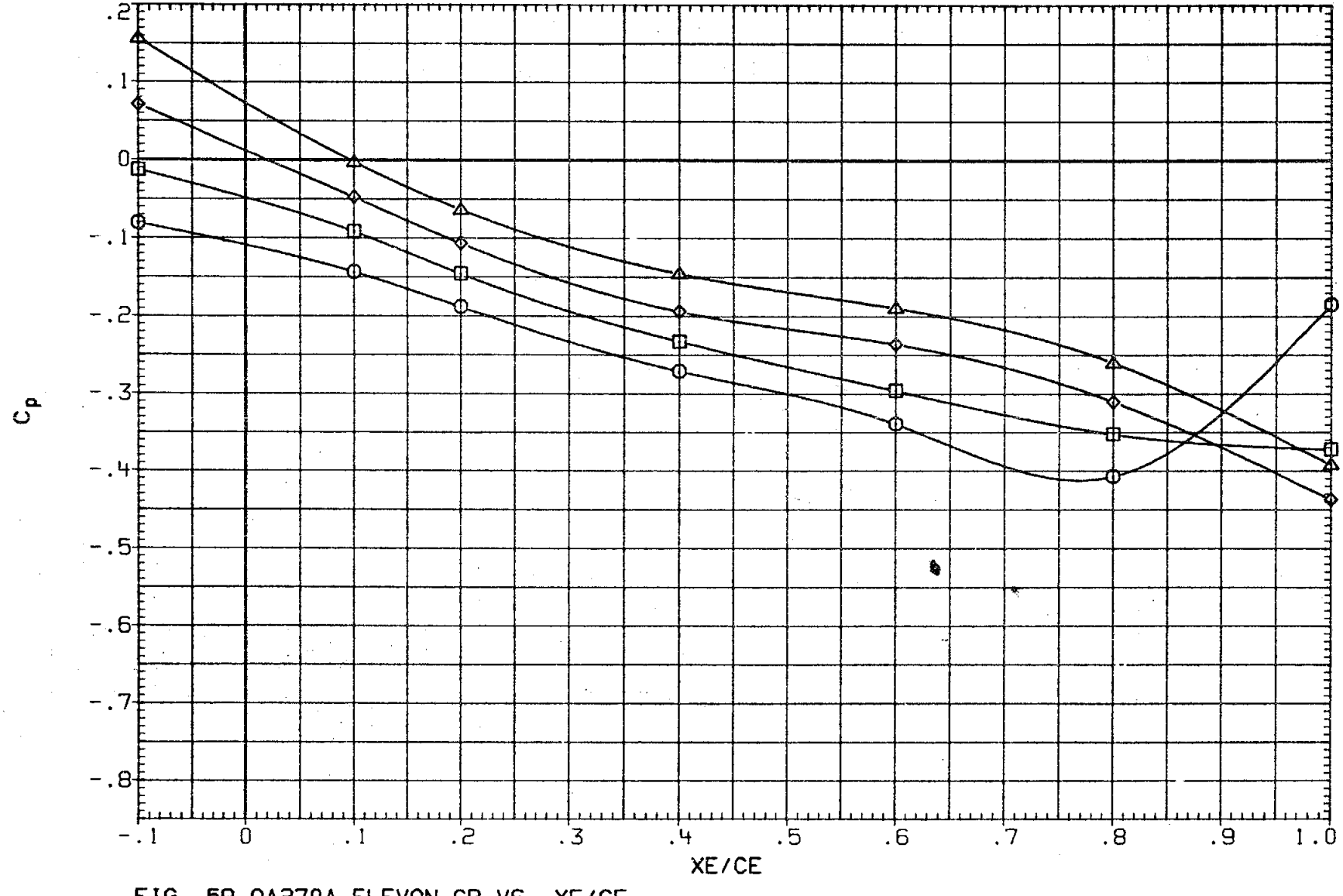


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

(RKND07) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.960	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

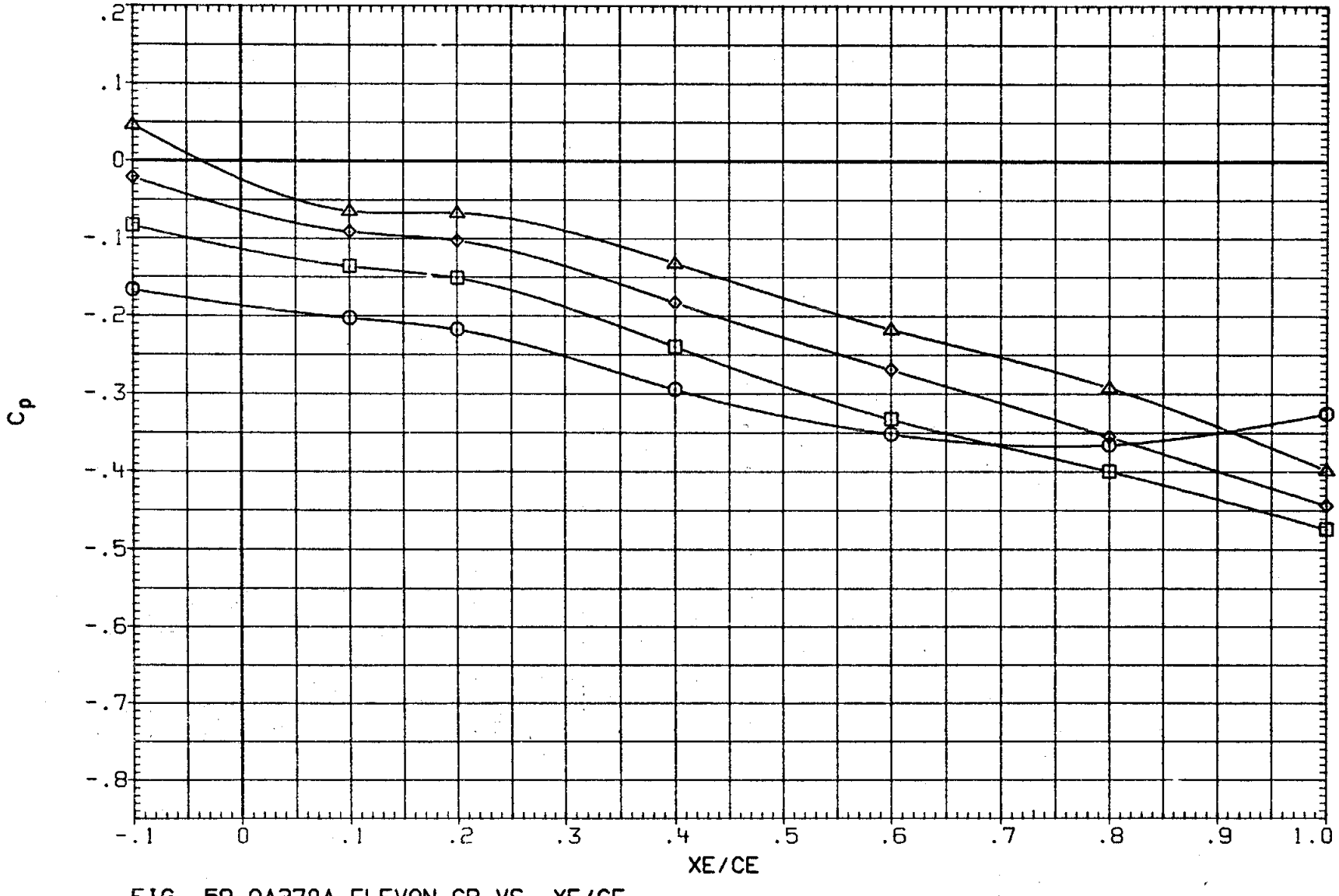


FIG. 59 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

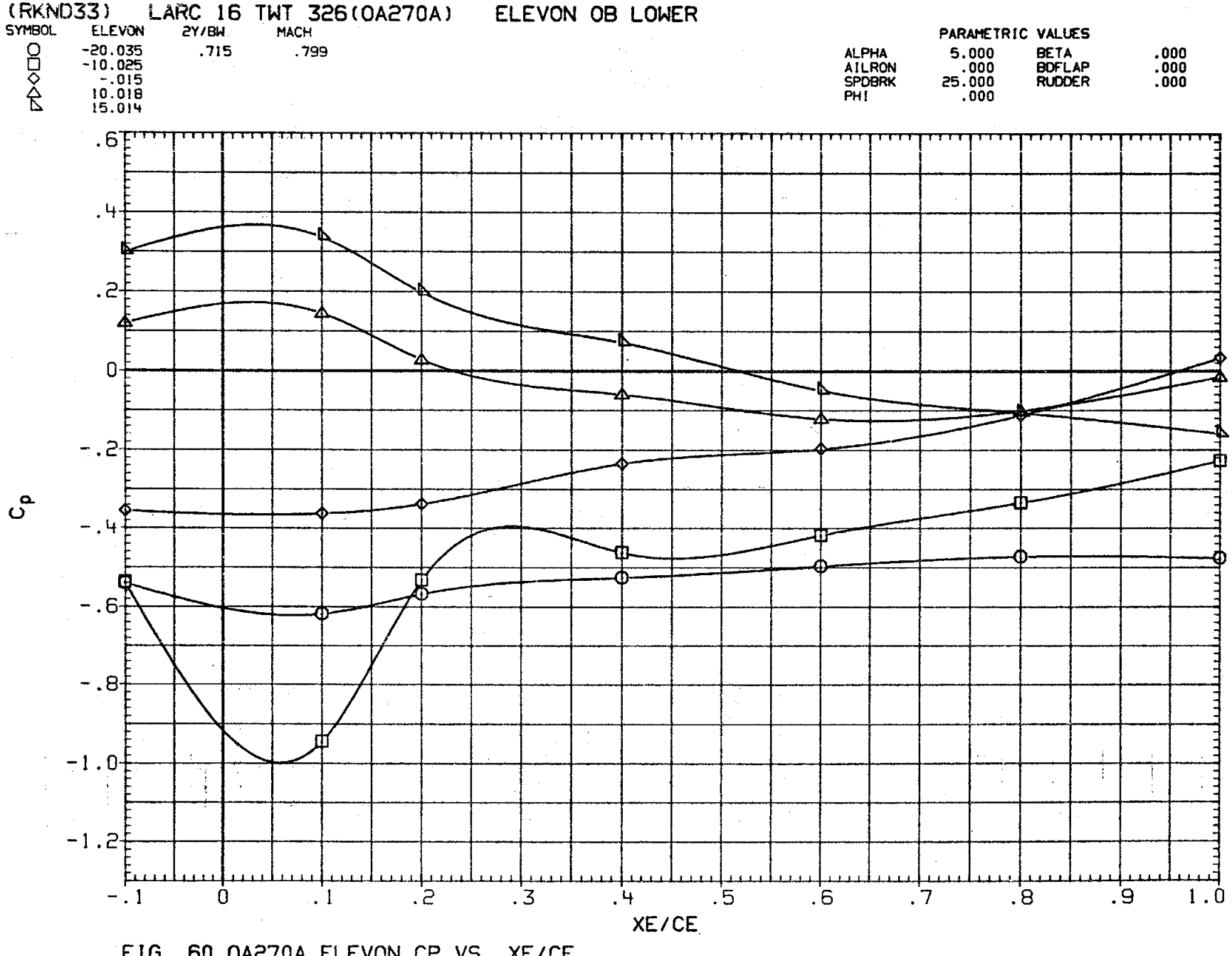


FIG. 60 OA270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.800	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

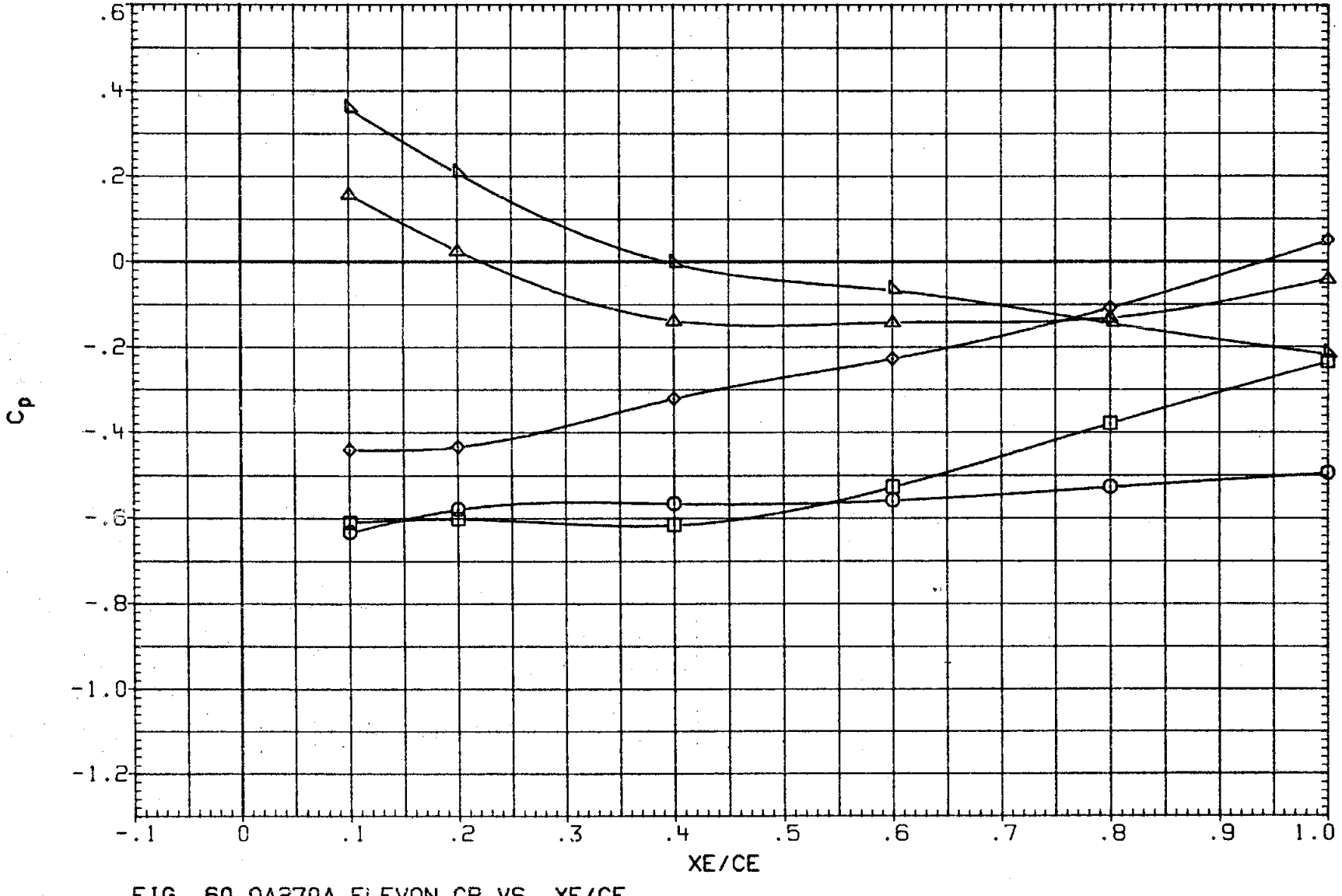


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.887	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

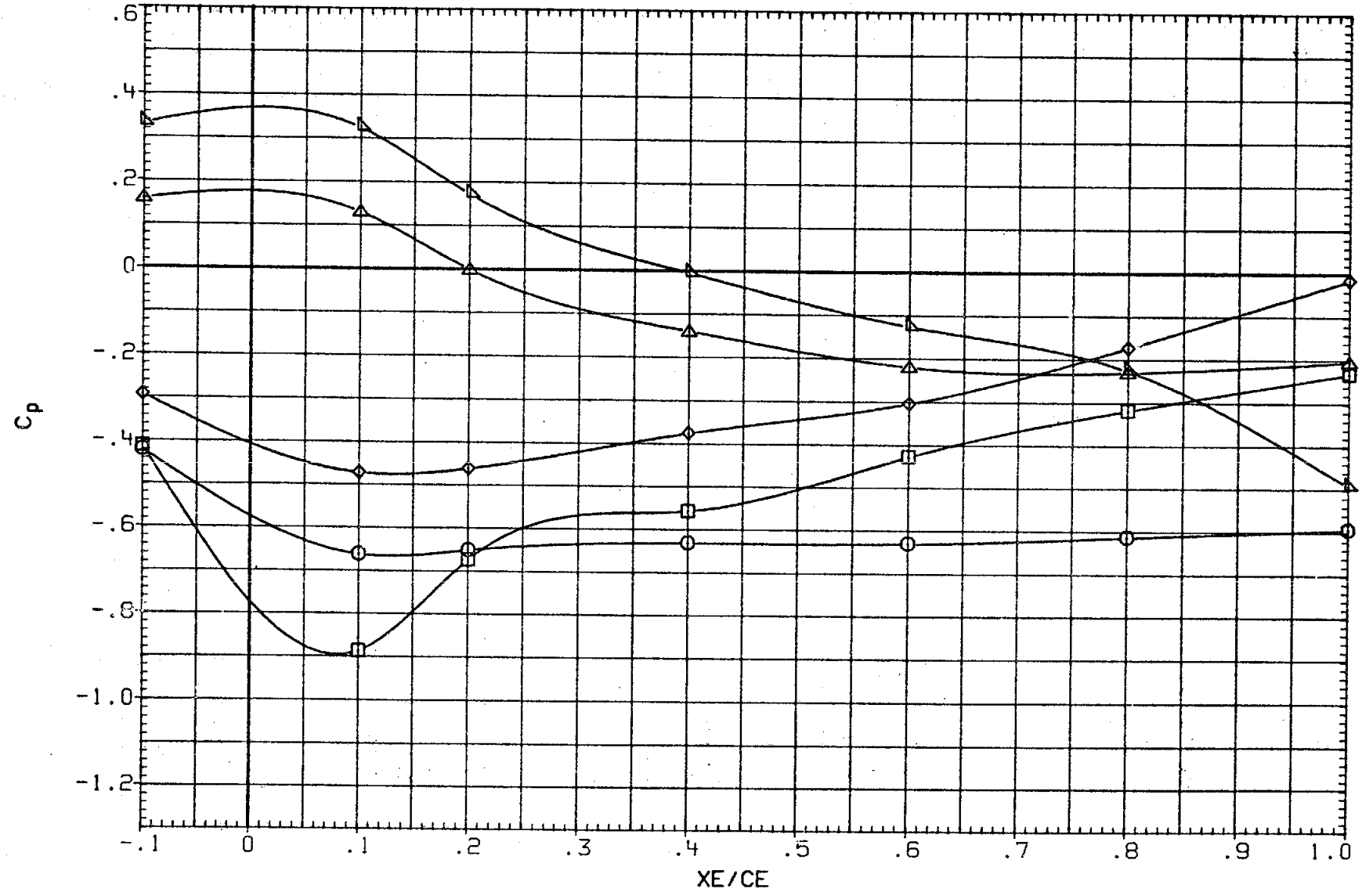


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.960	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

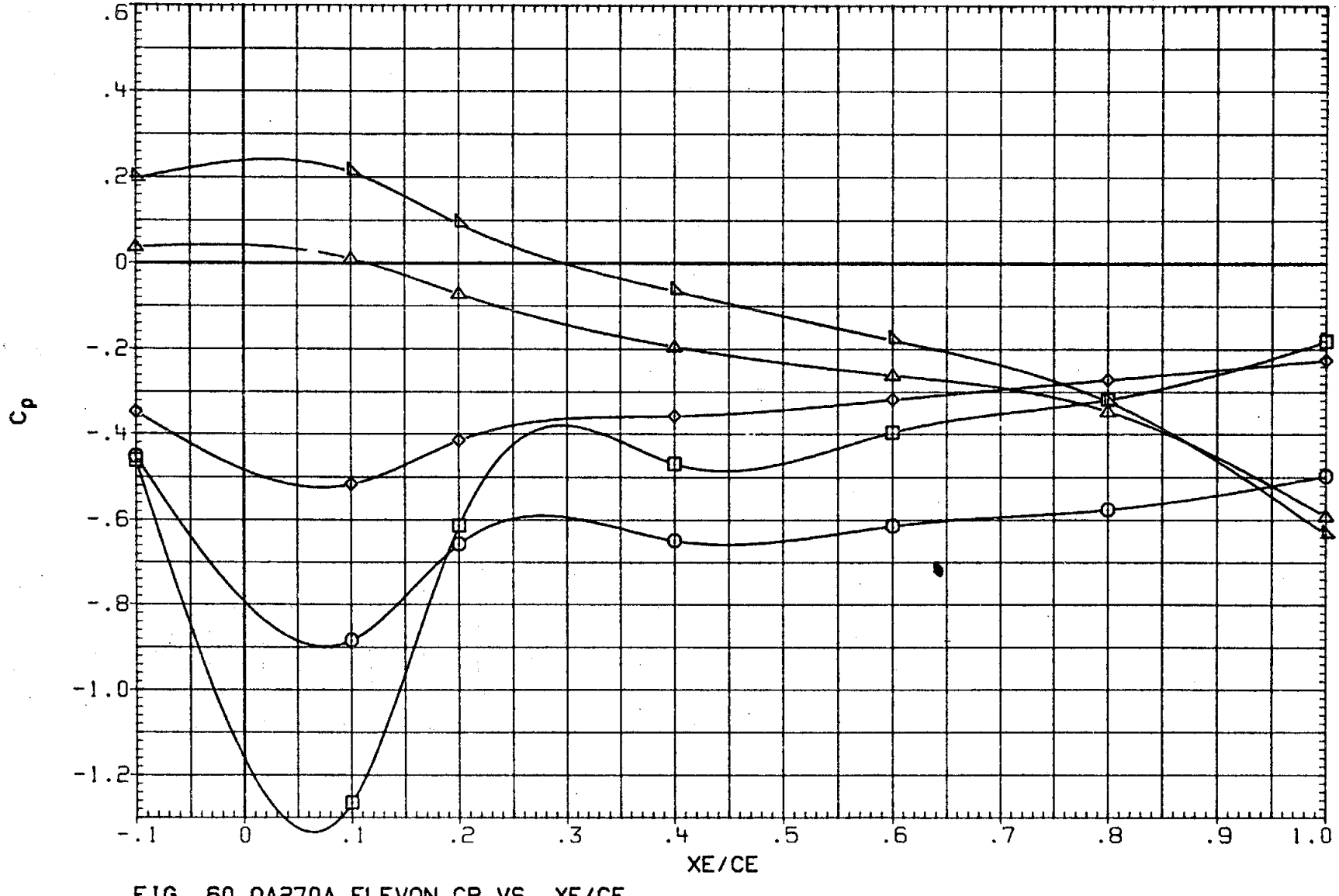


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.715	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

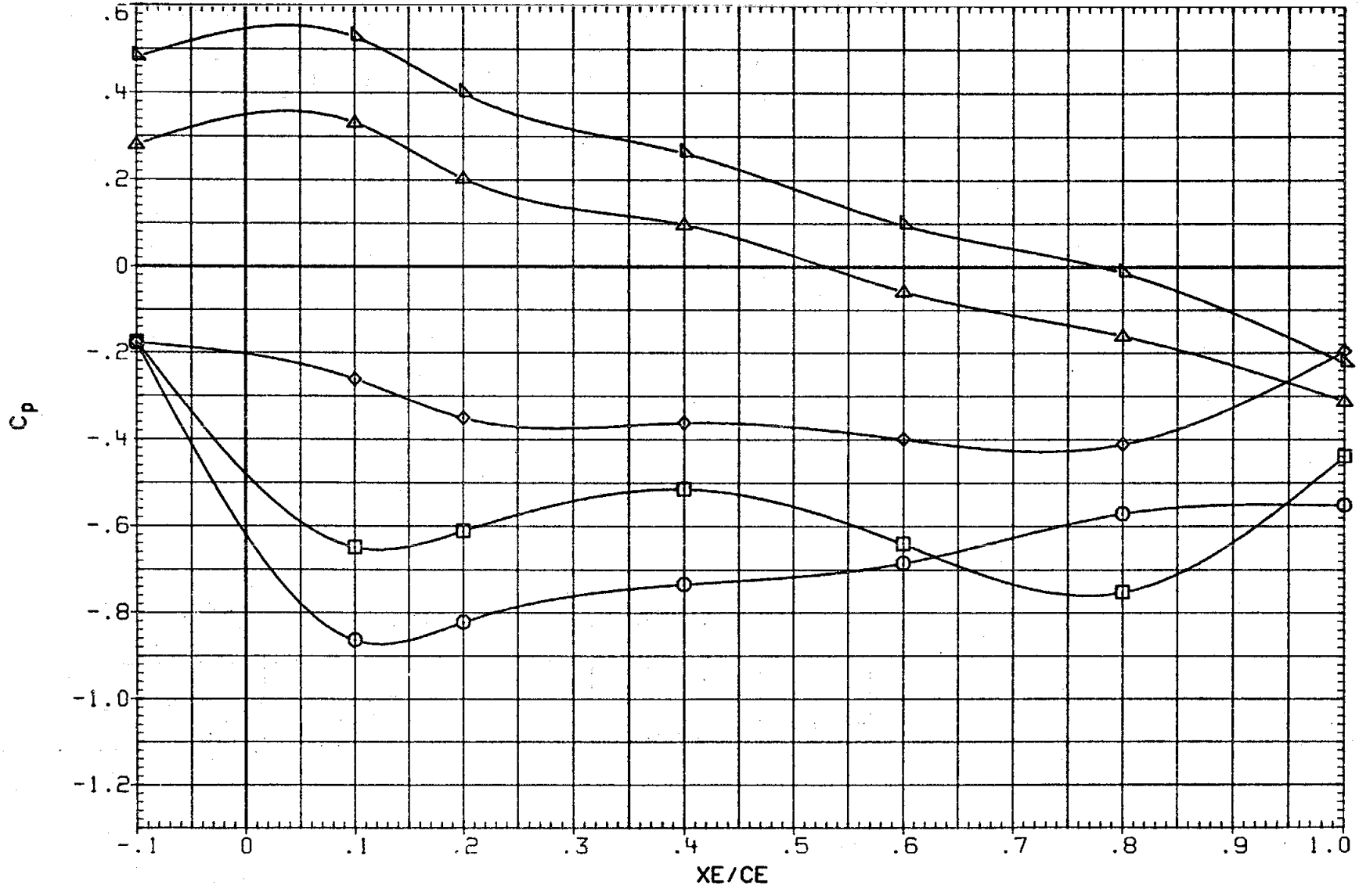


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.800	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

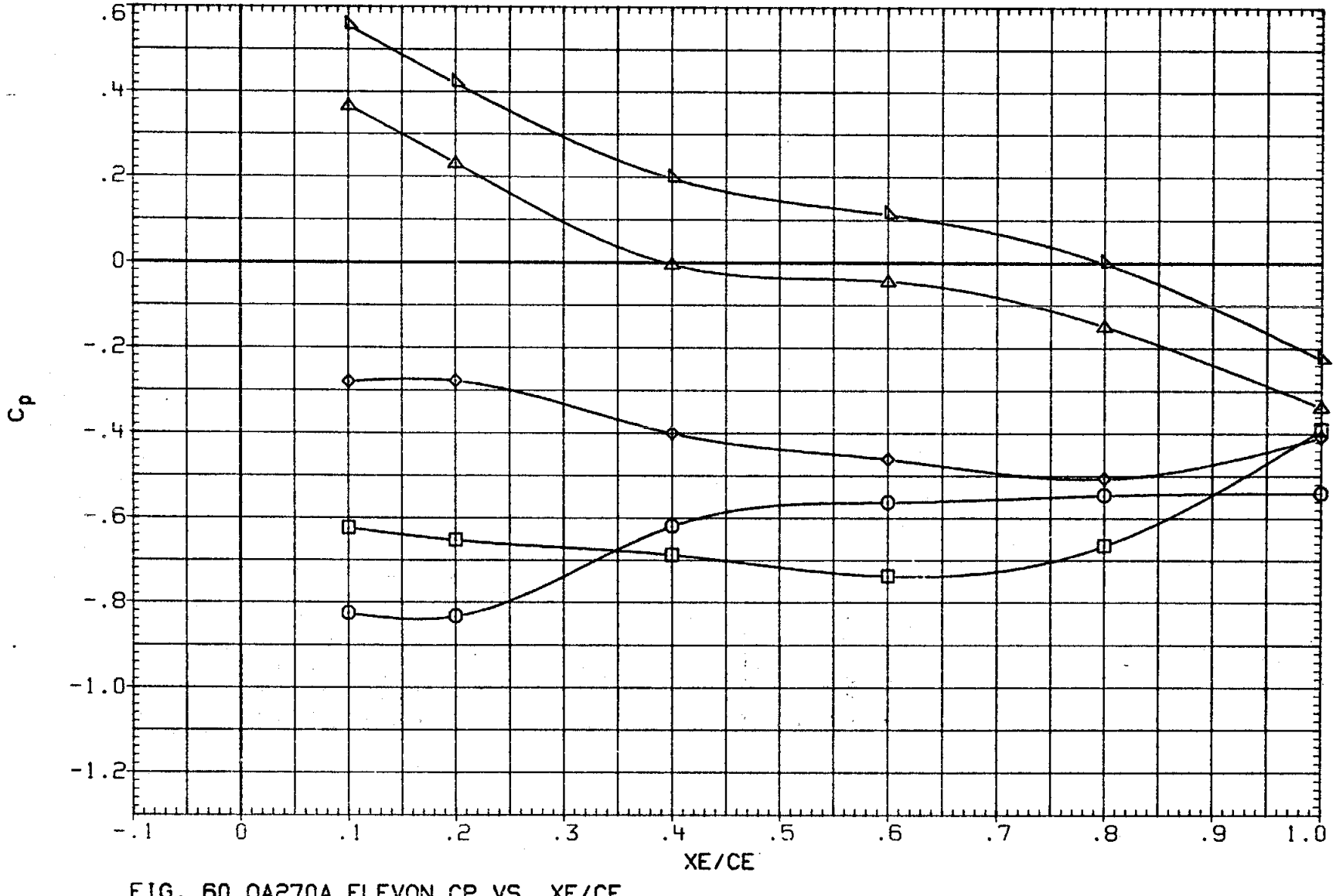


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.887	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

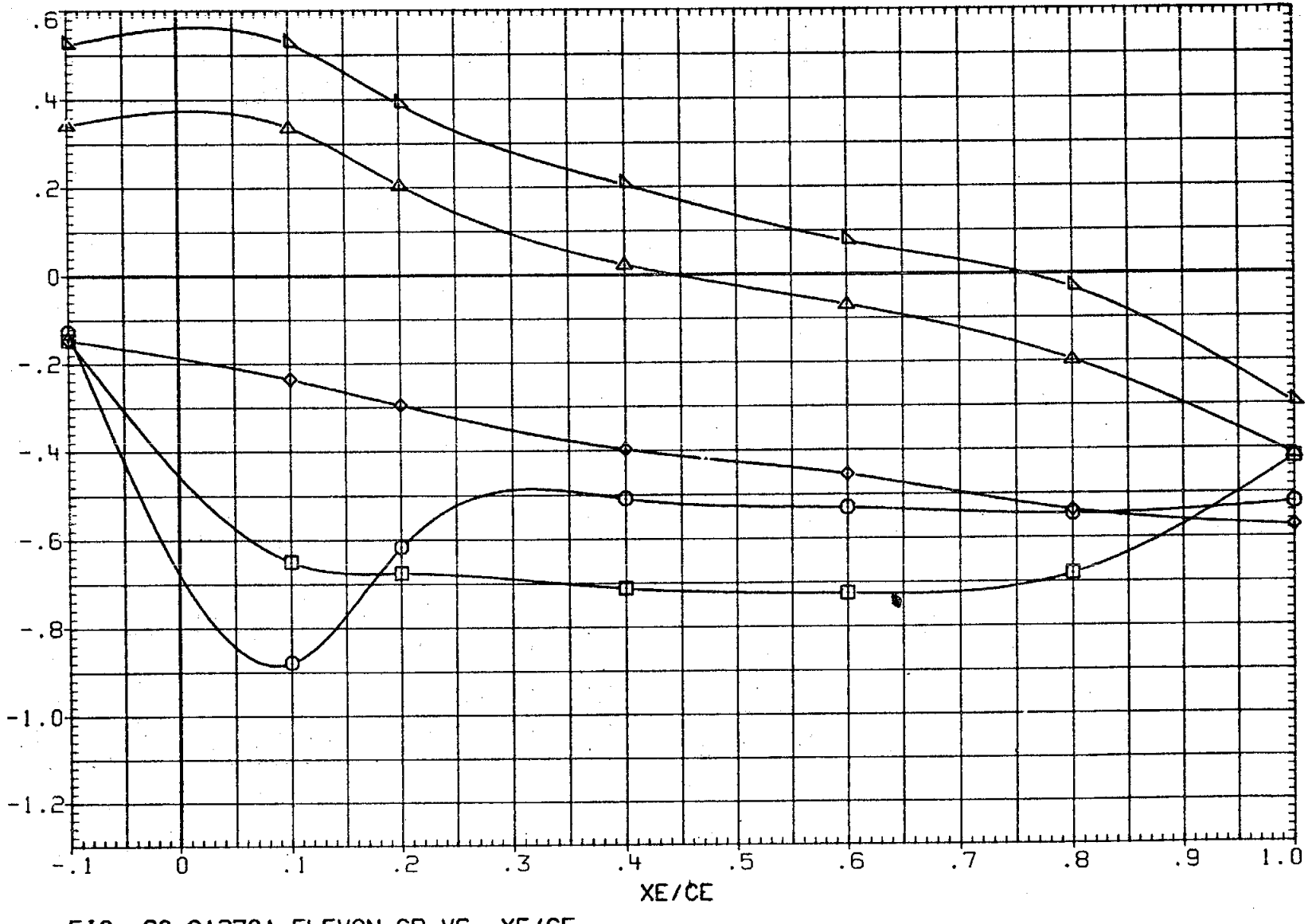


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND33) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.960	1.049
□	-10.009		
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

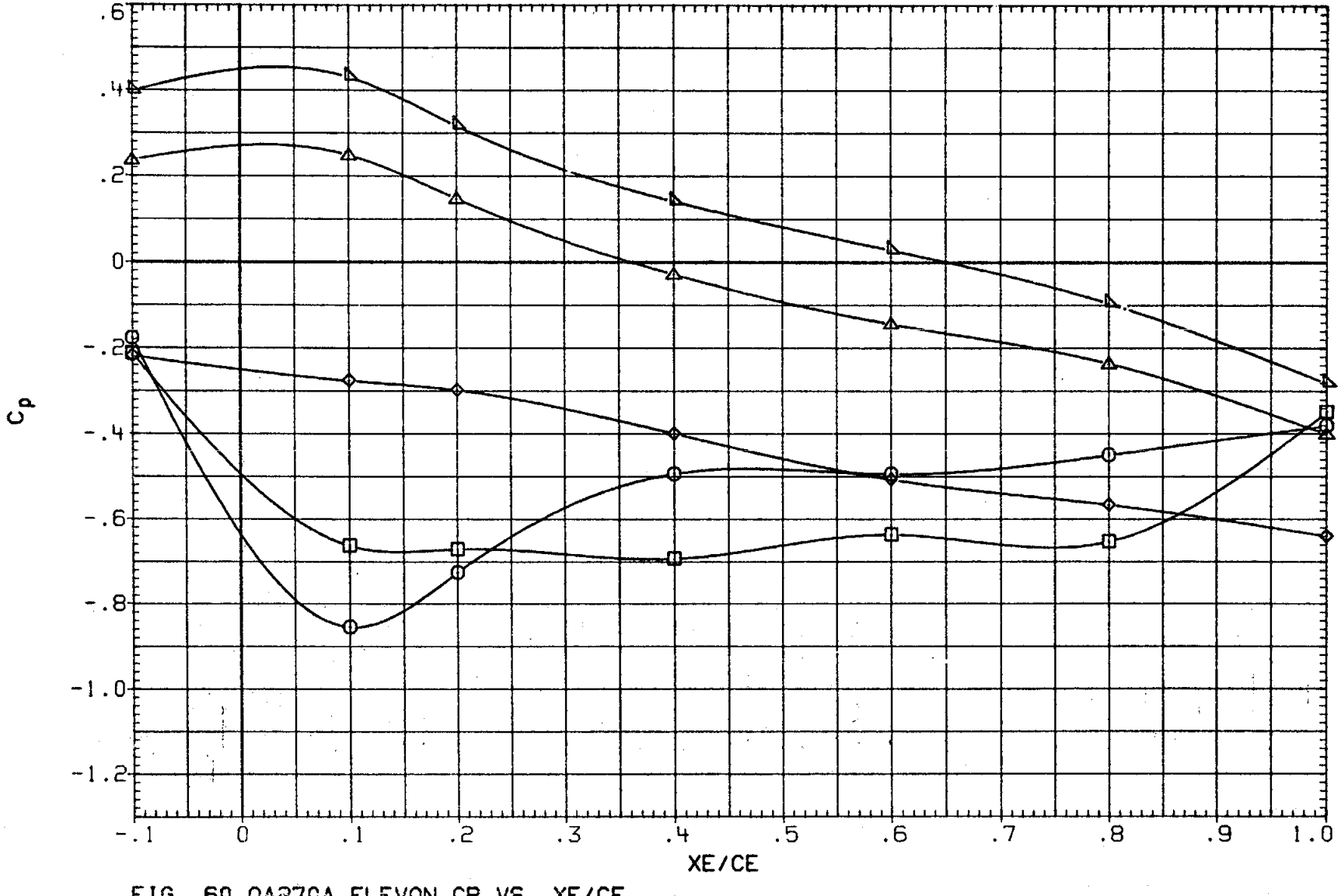


FIG. 60 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.715	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

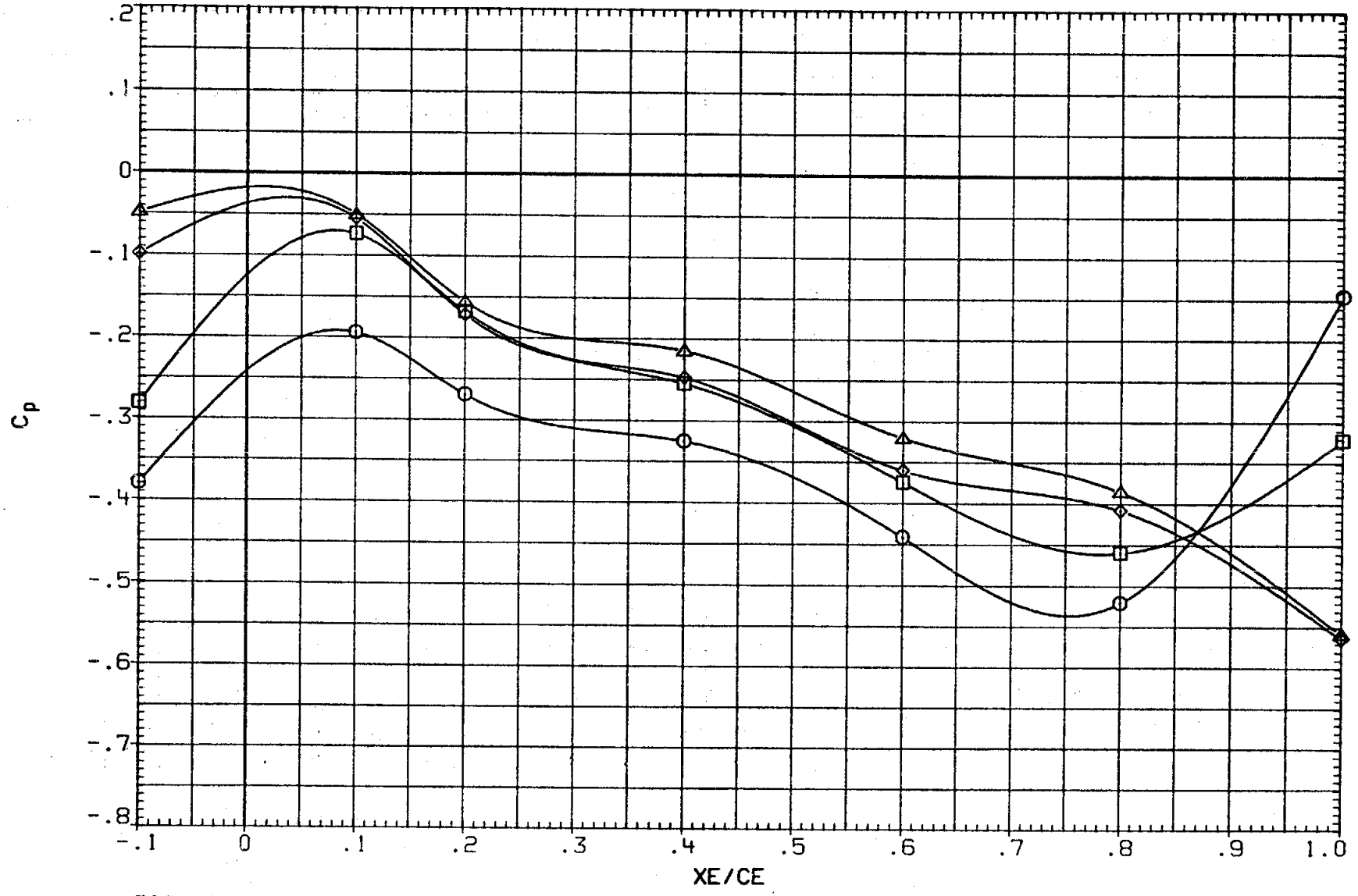


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.800	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

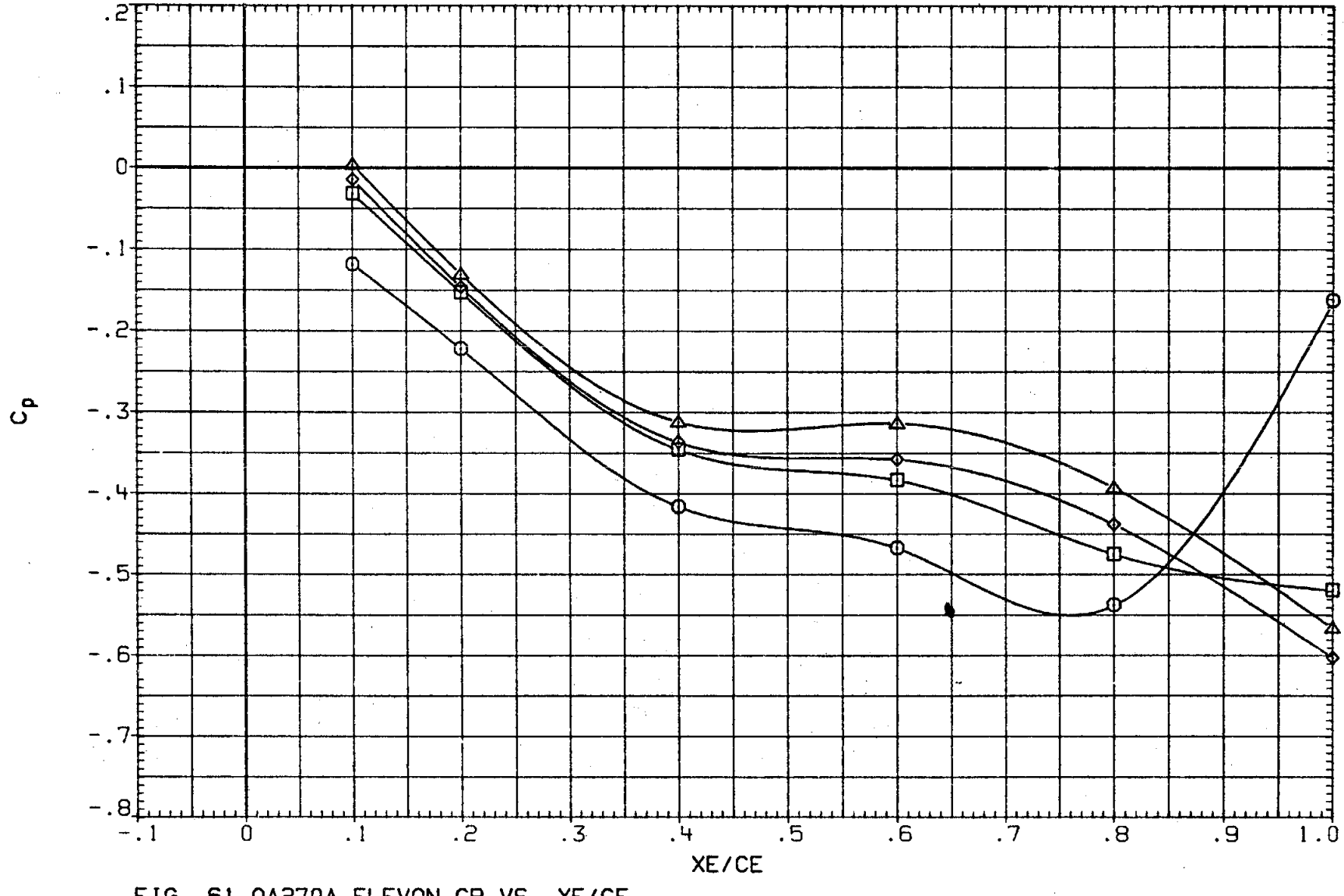


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.887	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

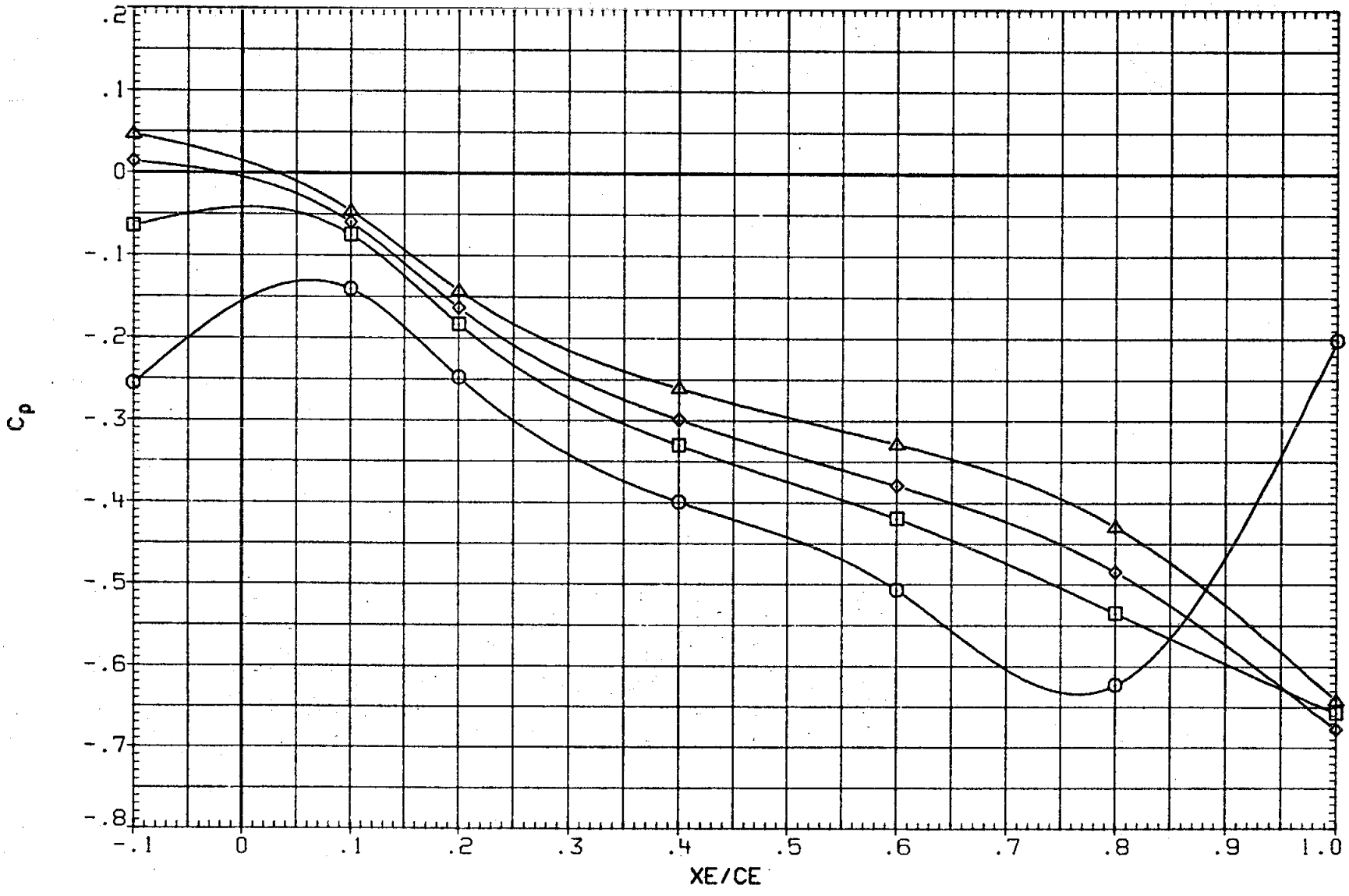


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.960	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

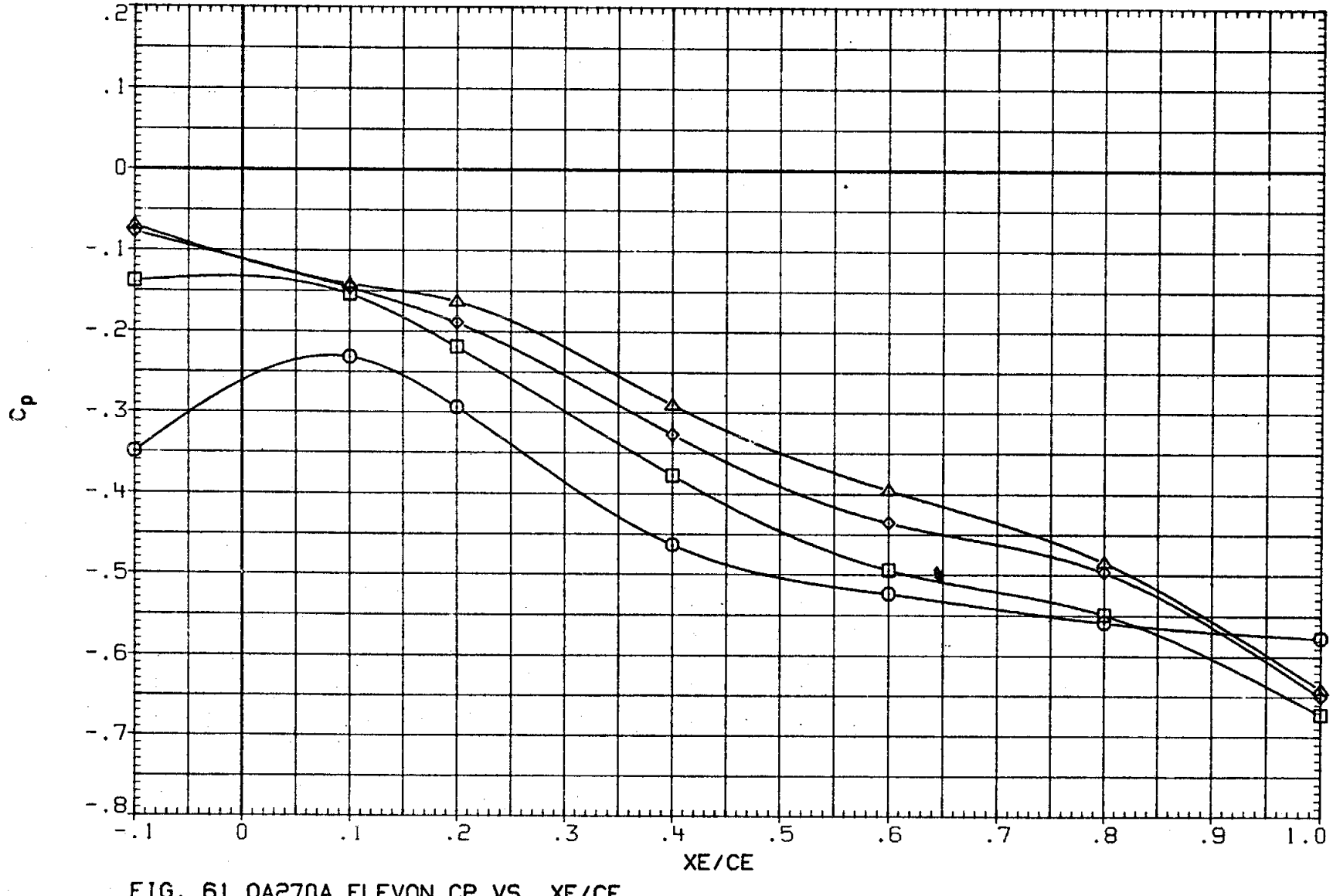


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.715	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

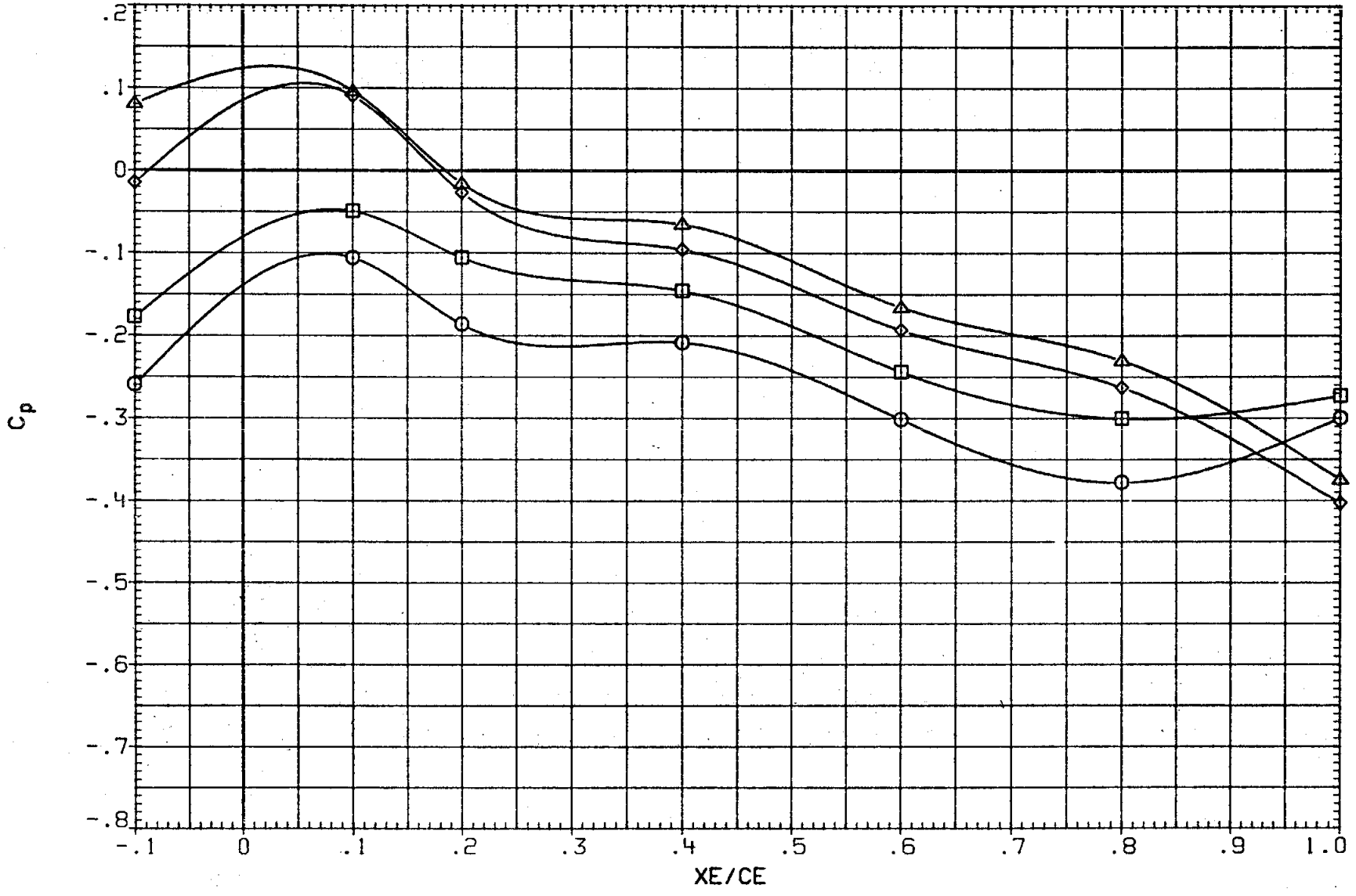


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.800	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	3DFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

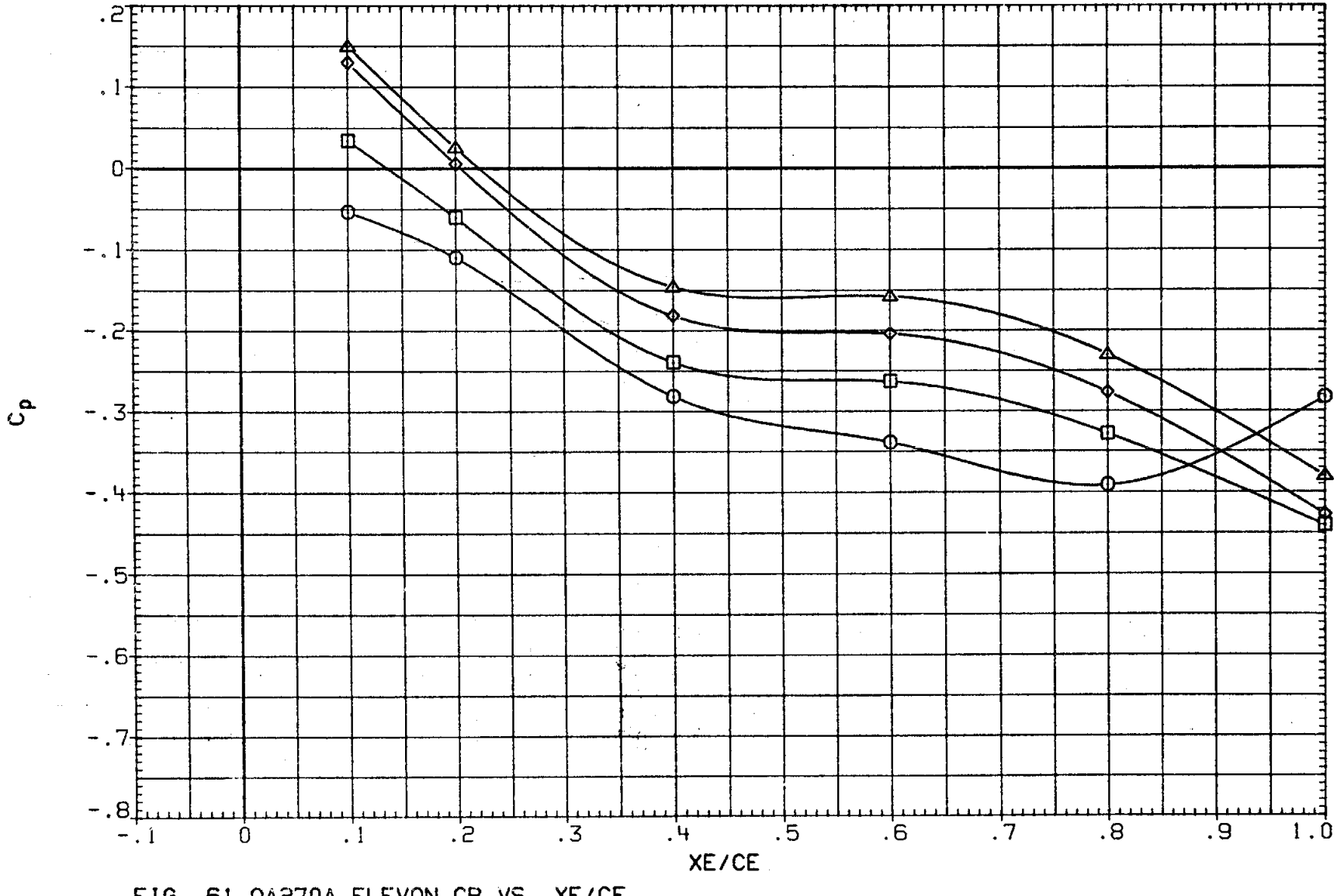


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.887	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

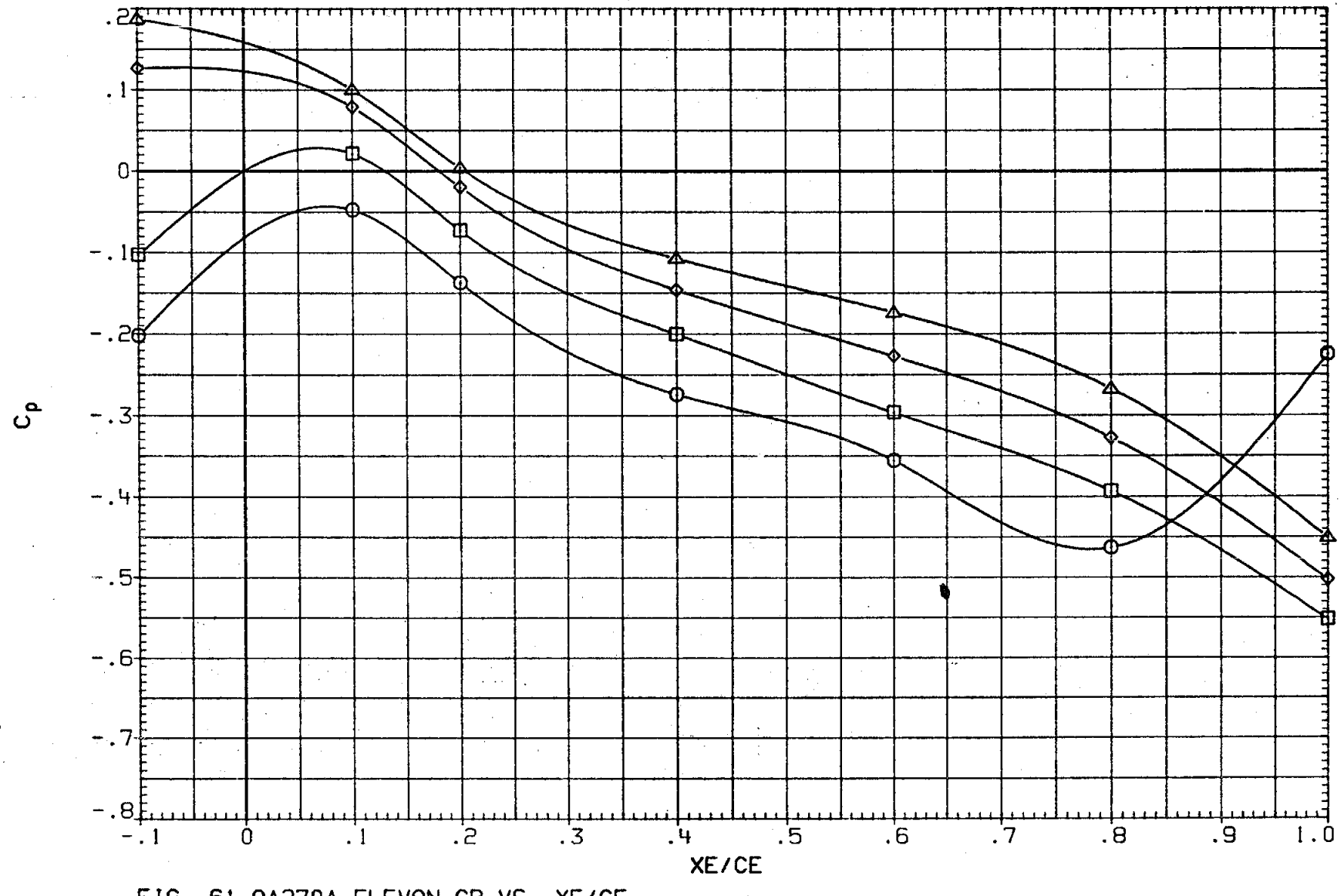


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND11) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.960	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

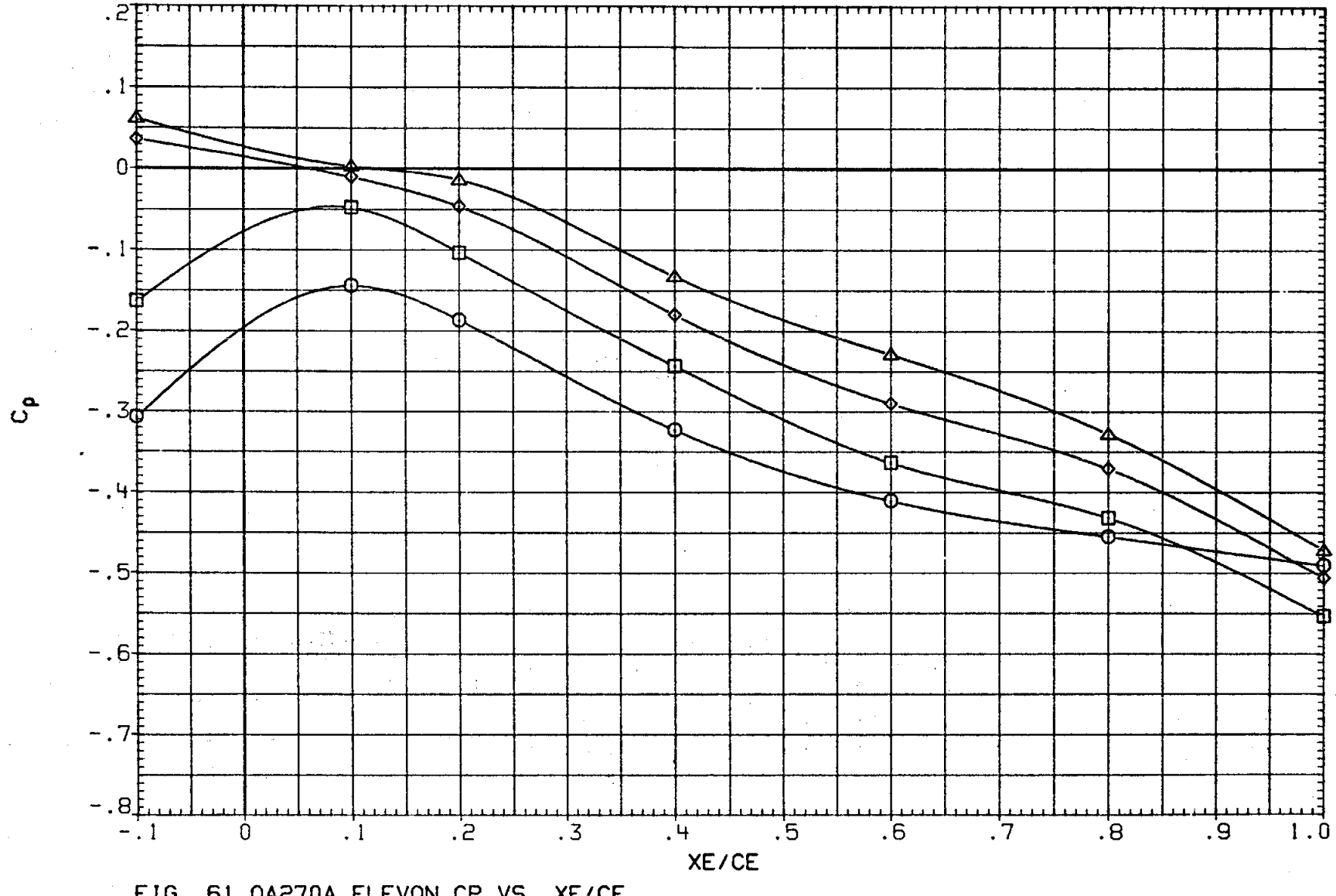


FIG. 61 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.715	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

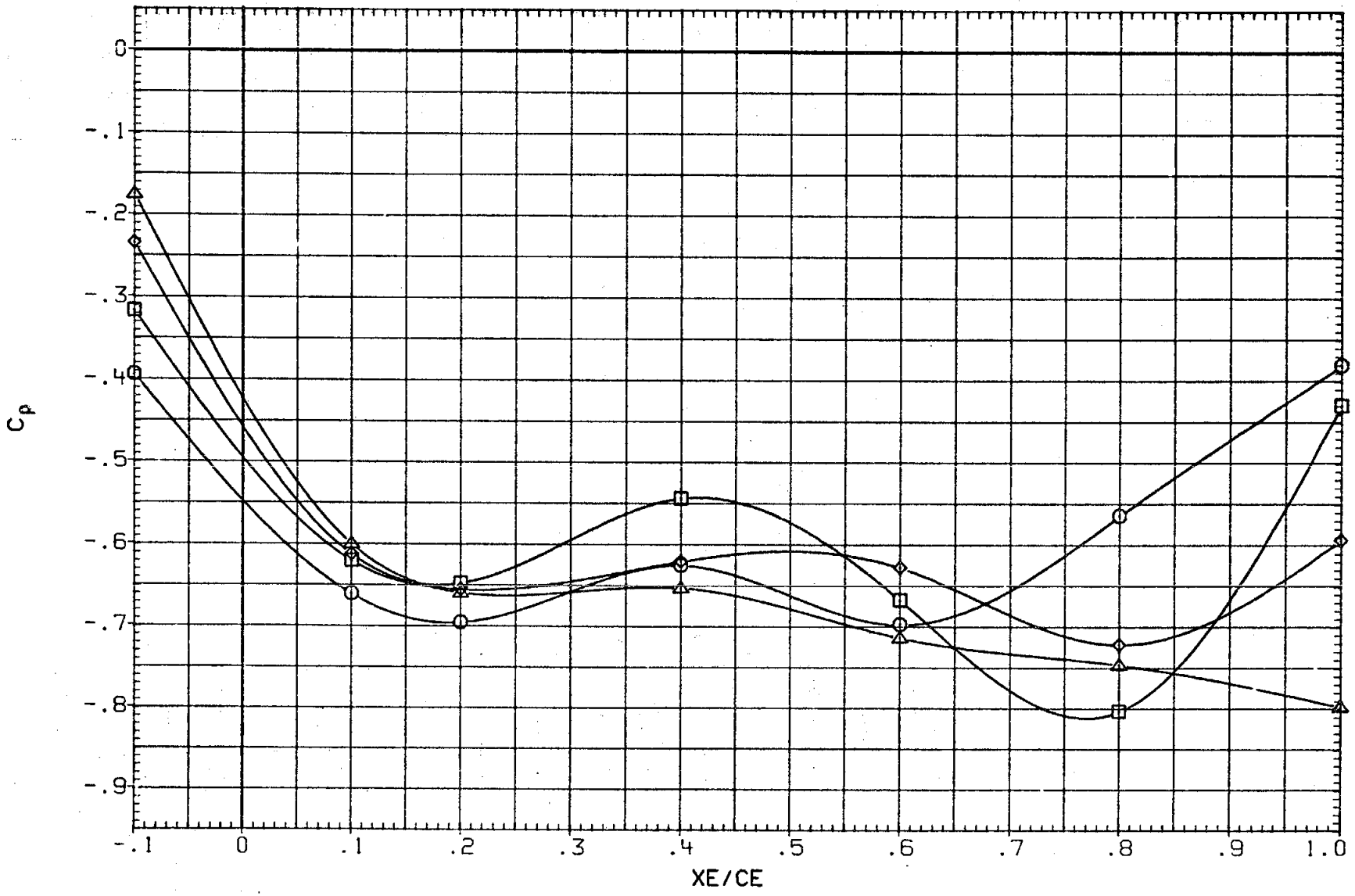


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON 0B LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.800	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

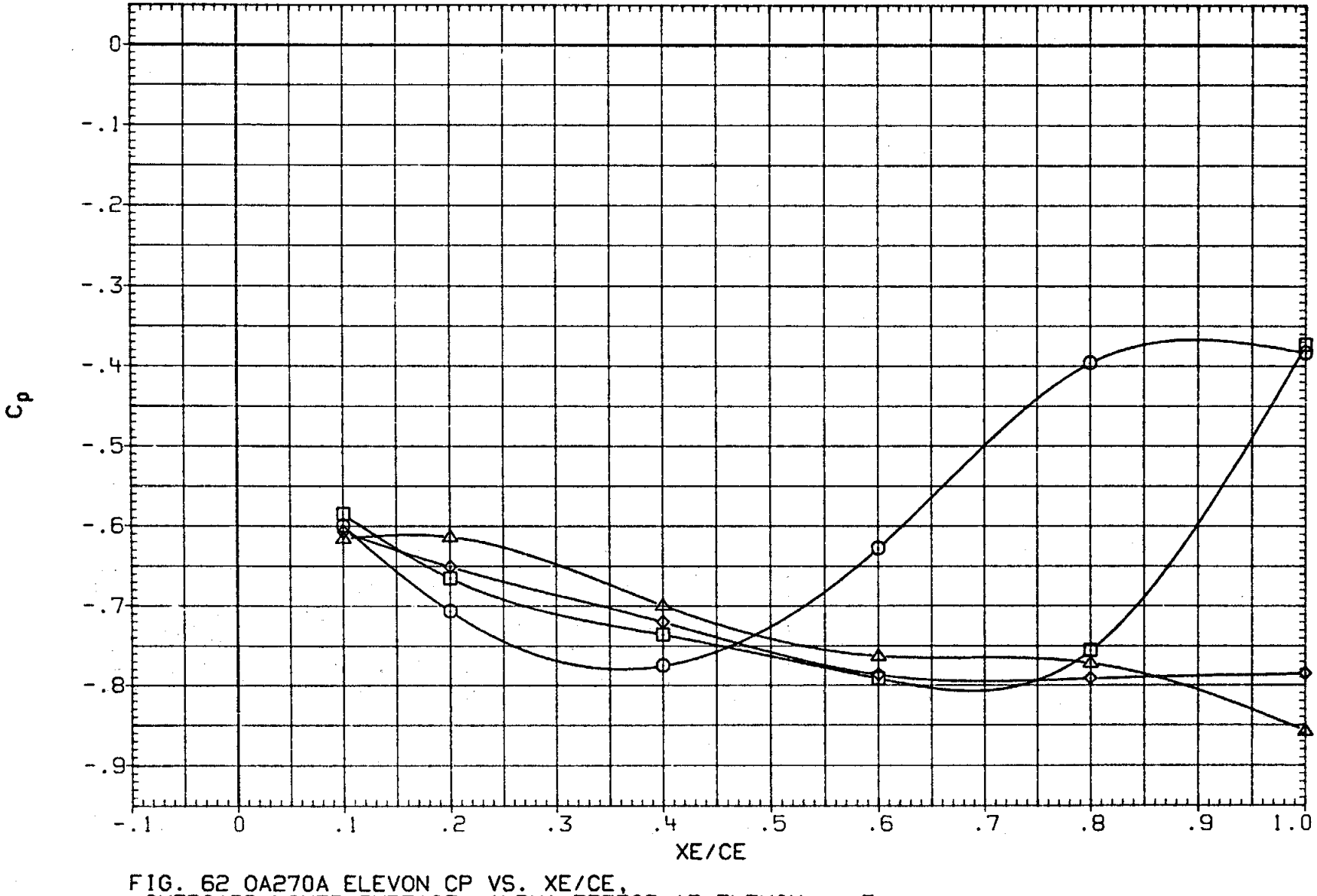


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.887	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

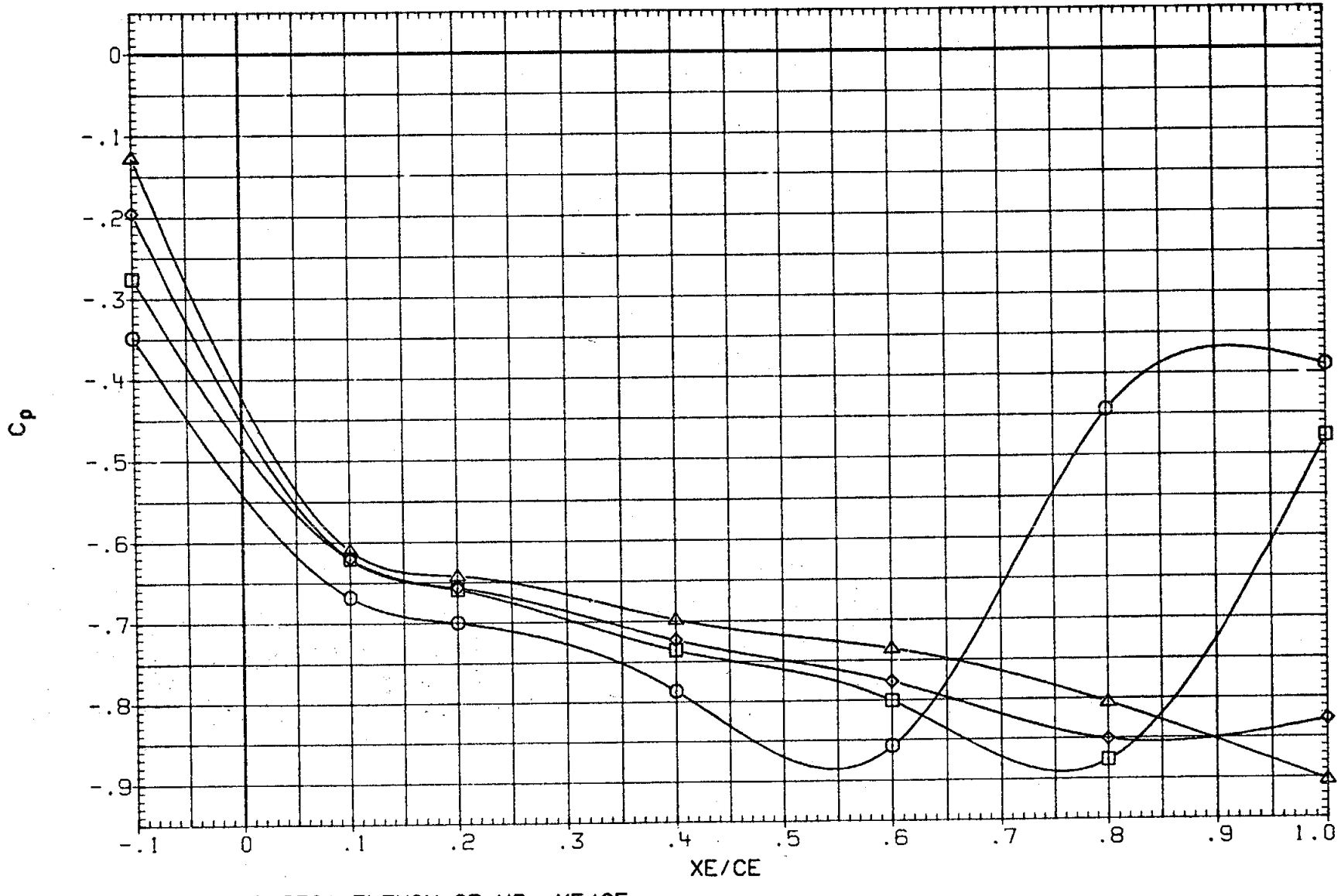


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.960	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

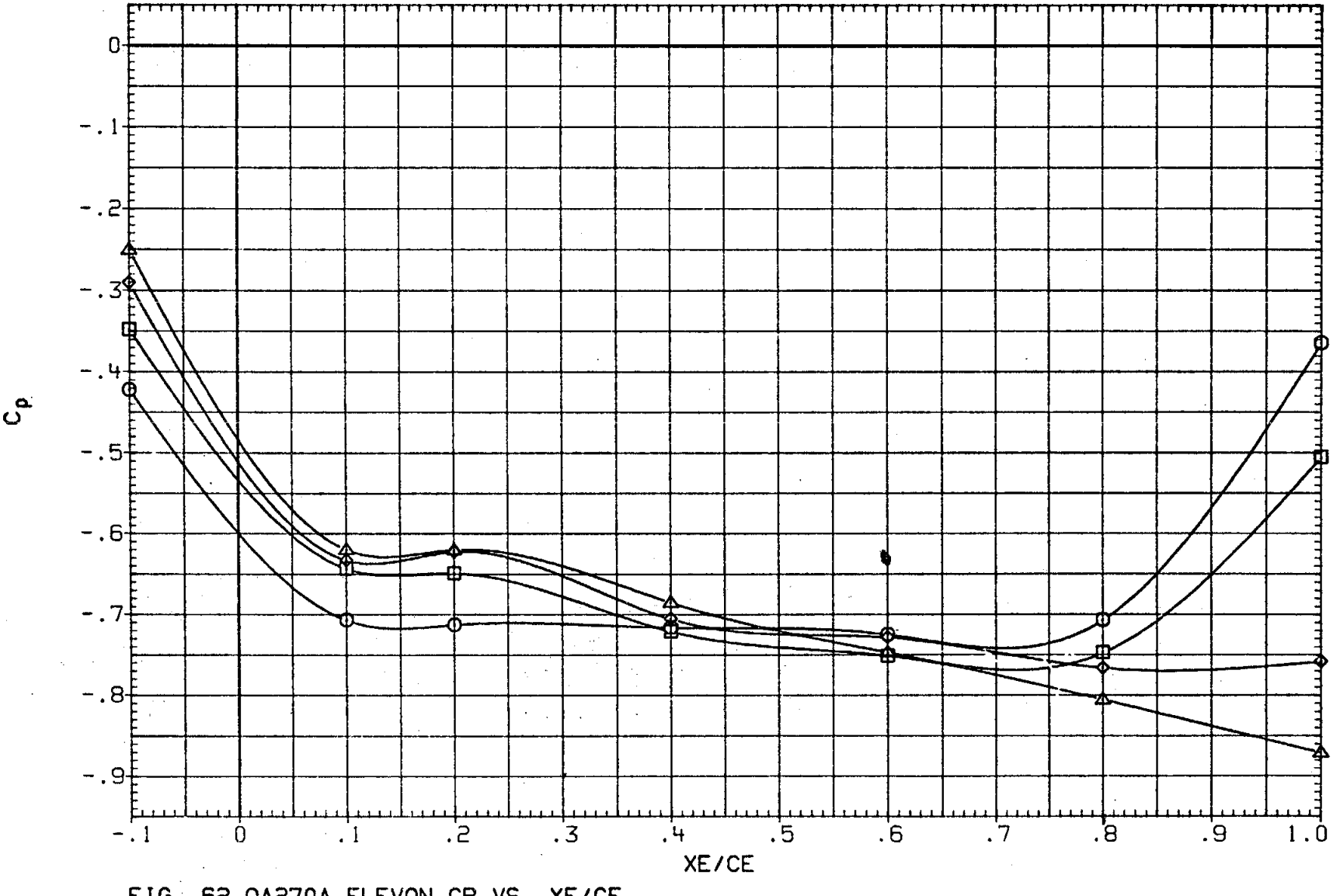


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.715	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	5.000	RUDDER	.000
PHI	.000		

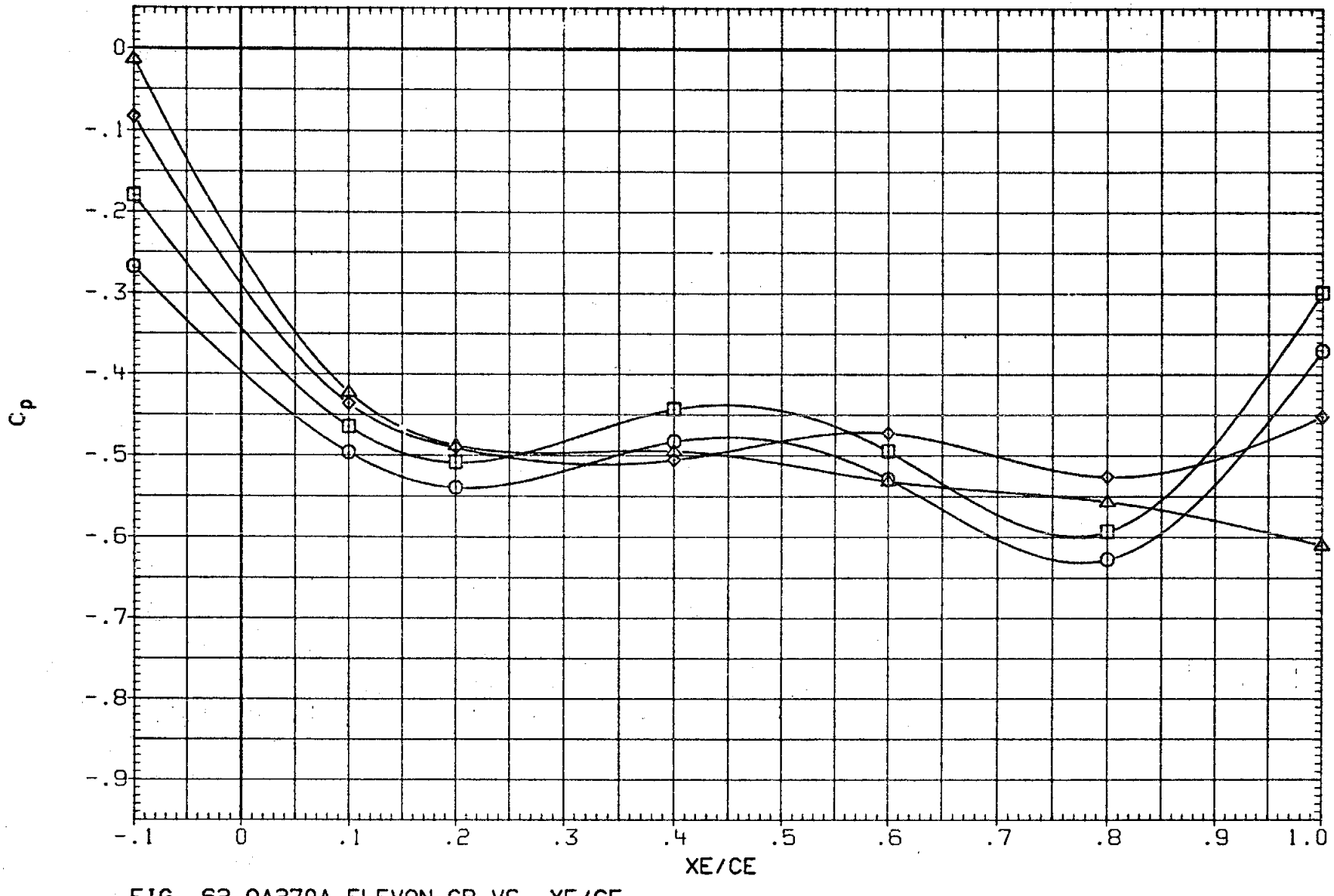


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.800	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

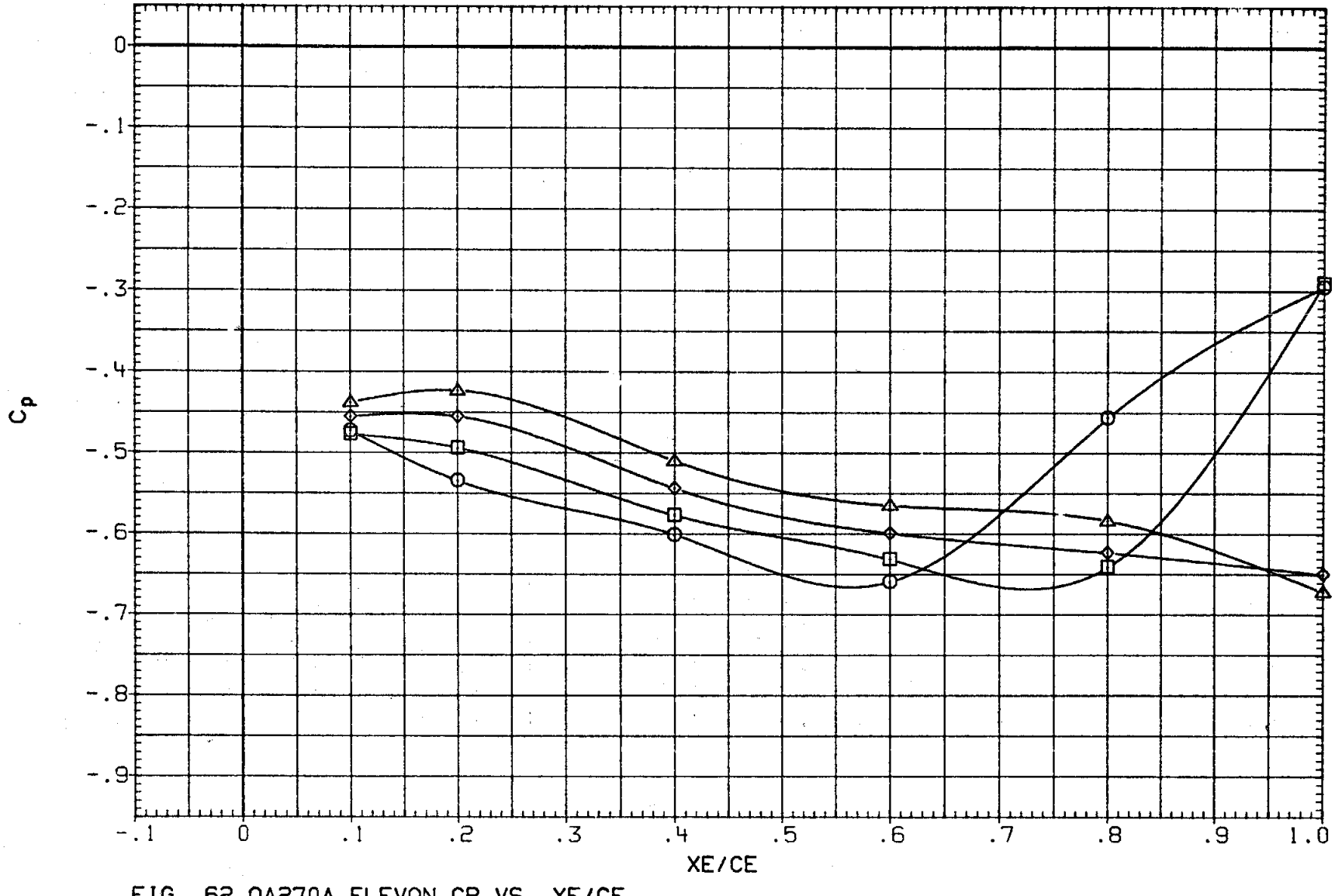


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.887	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

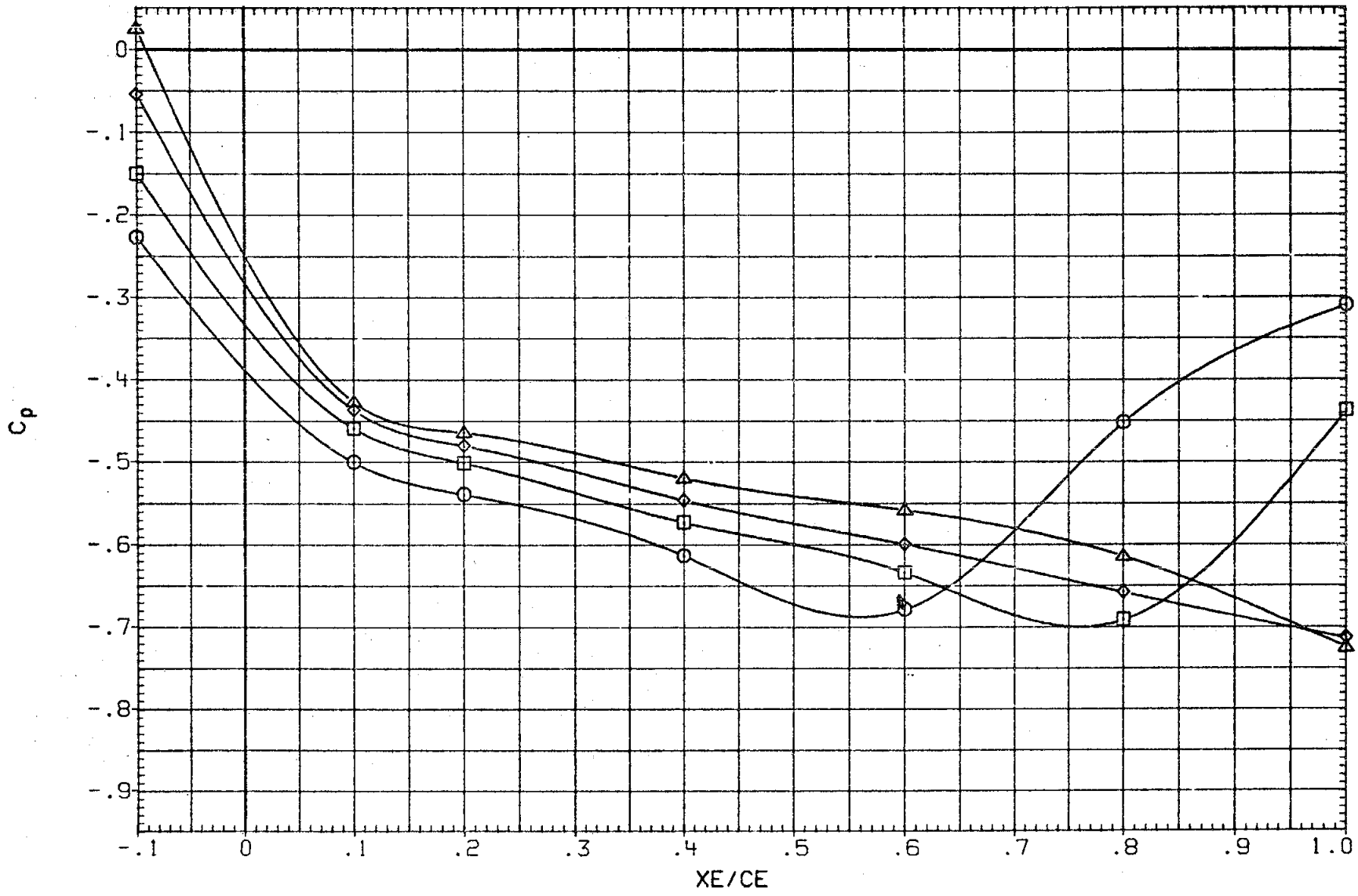


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKND04) LARC 16 TWT 326(0A270A) ELEVON OB LOWER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.960	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

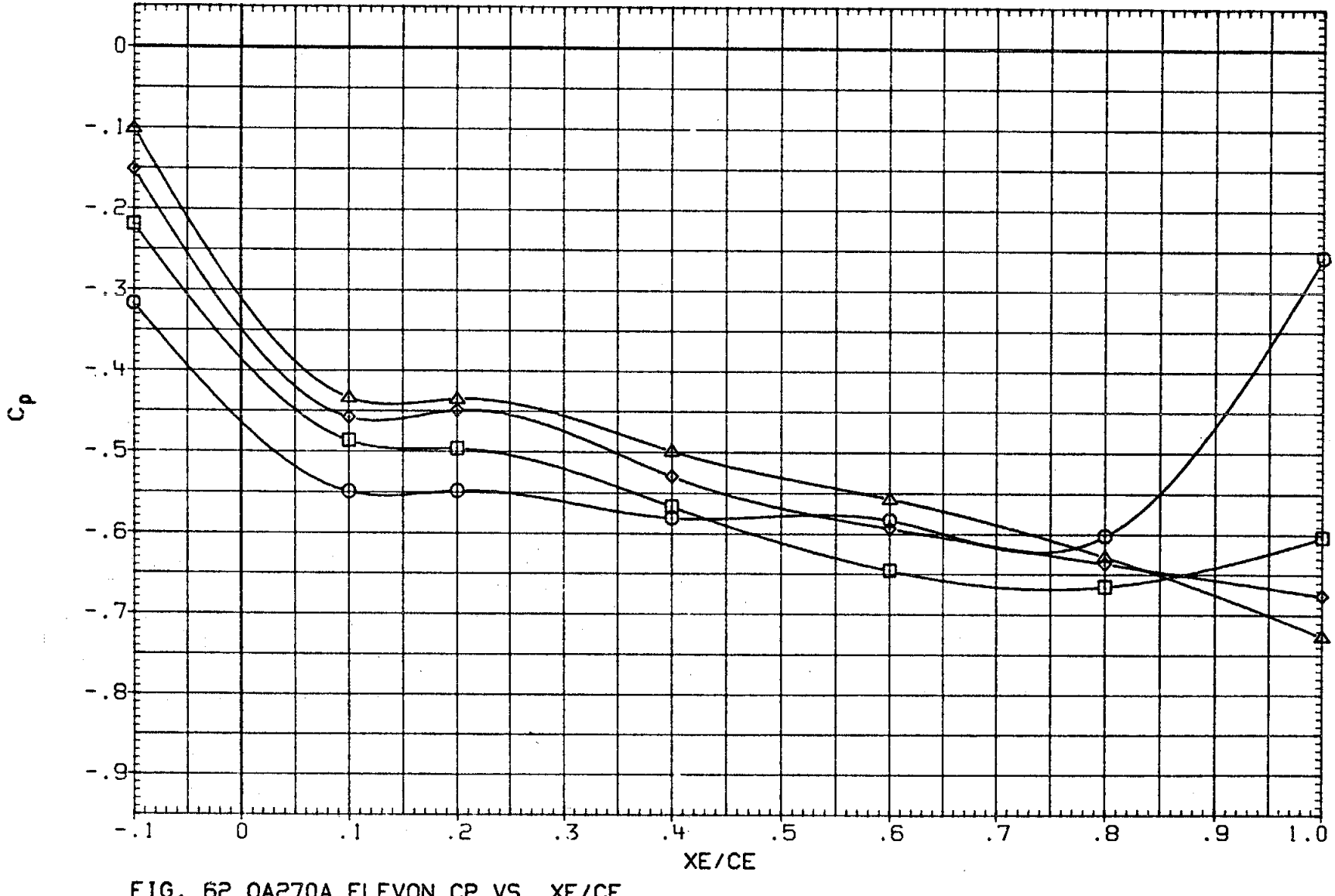


FIG. 62 0A270A ELEVON CP VS. XE/CE,
OUTBOARD LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.200	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

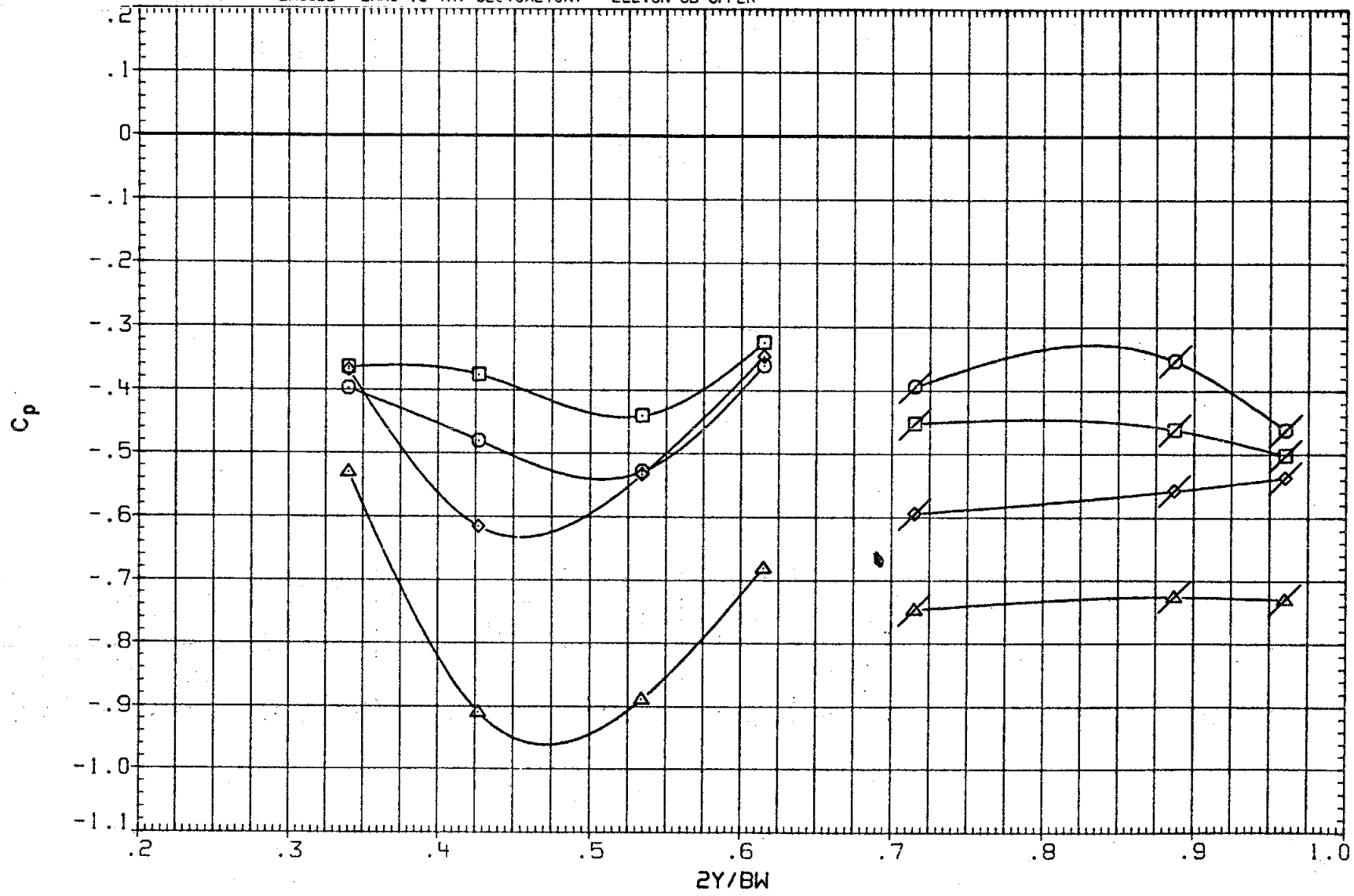


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.400	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

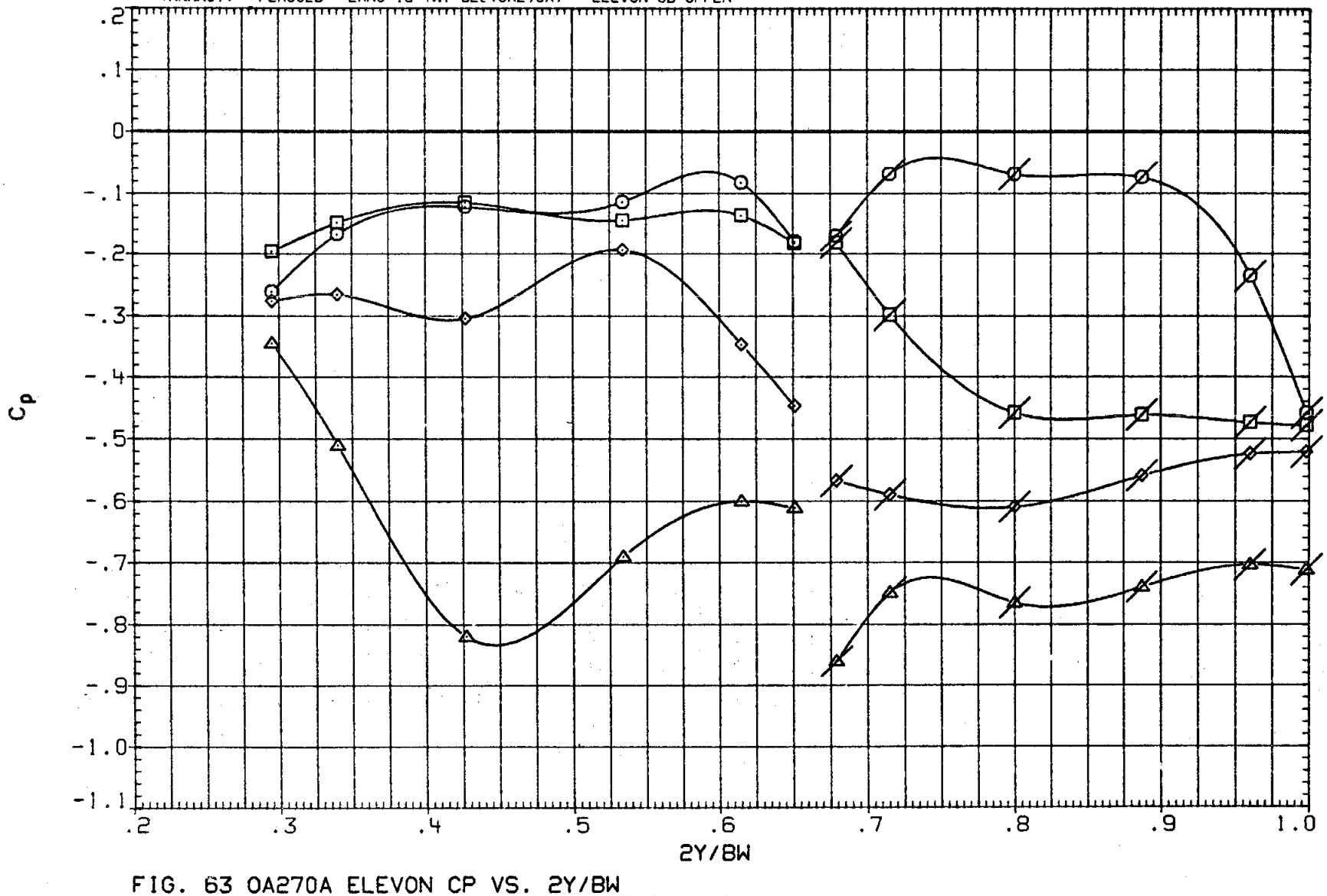


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

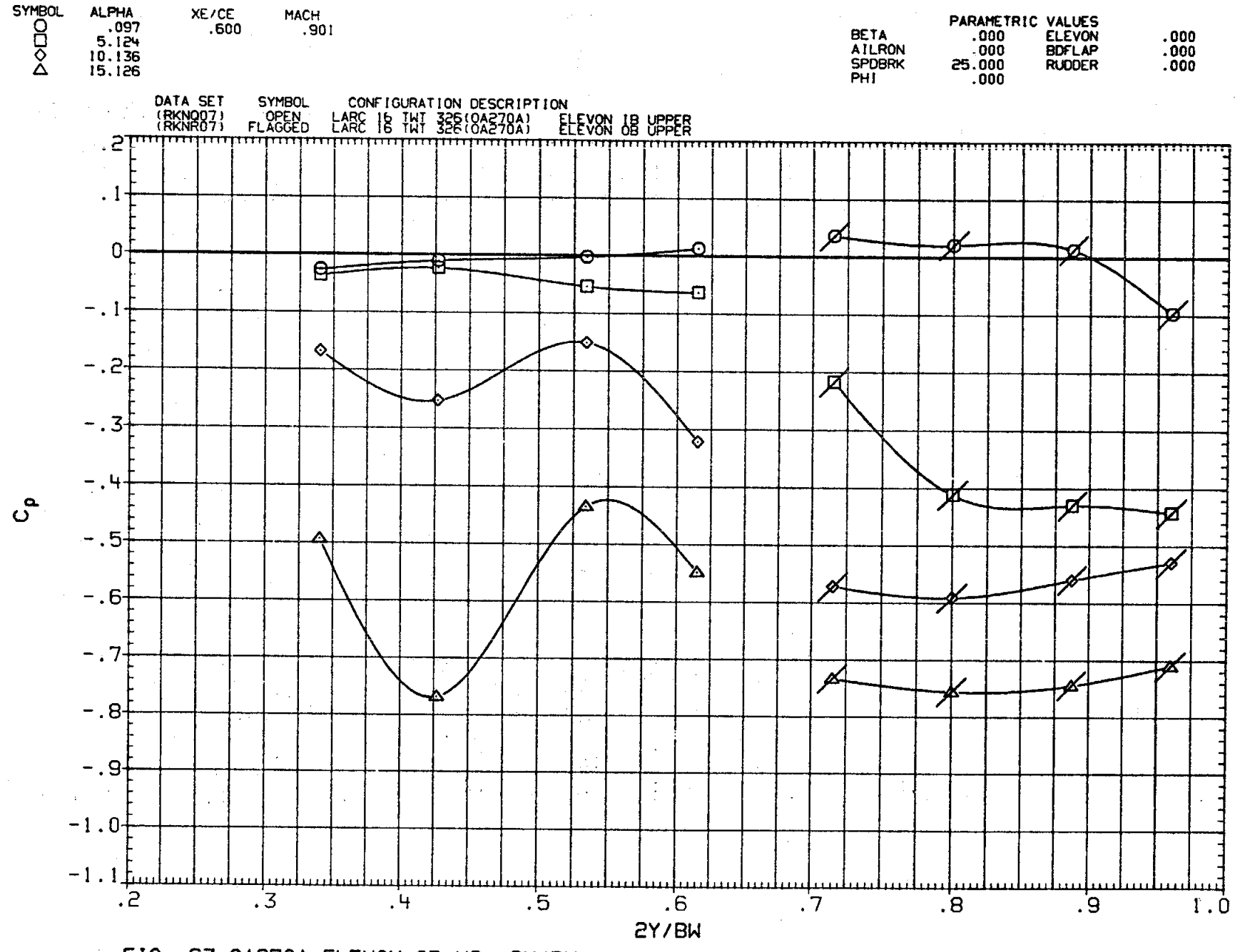


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.800	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNO07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

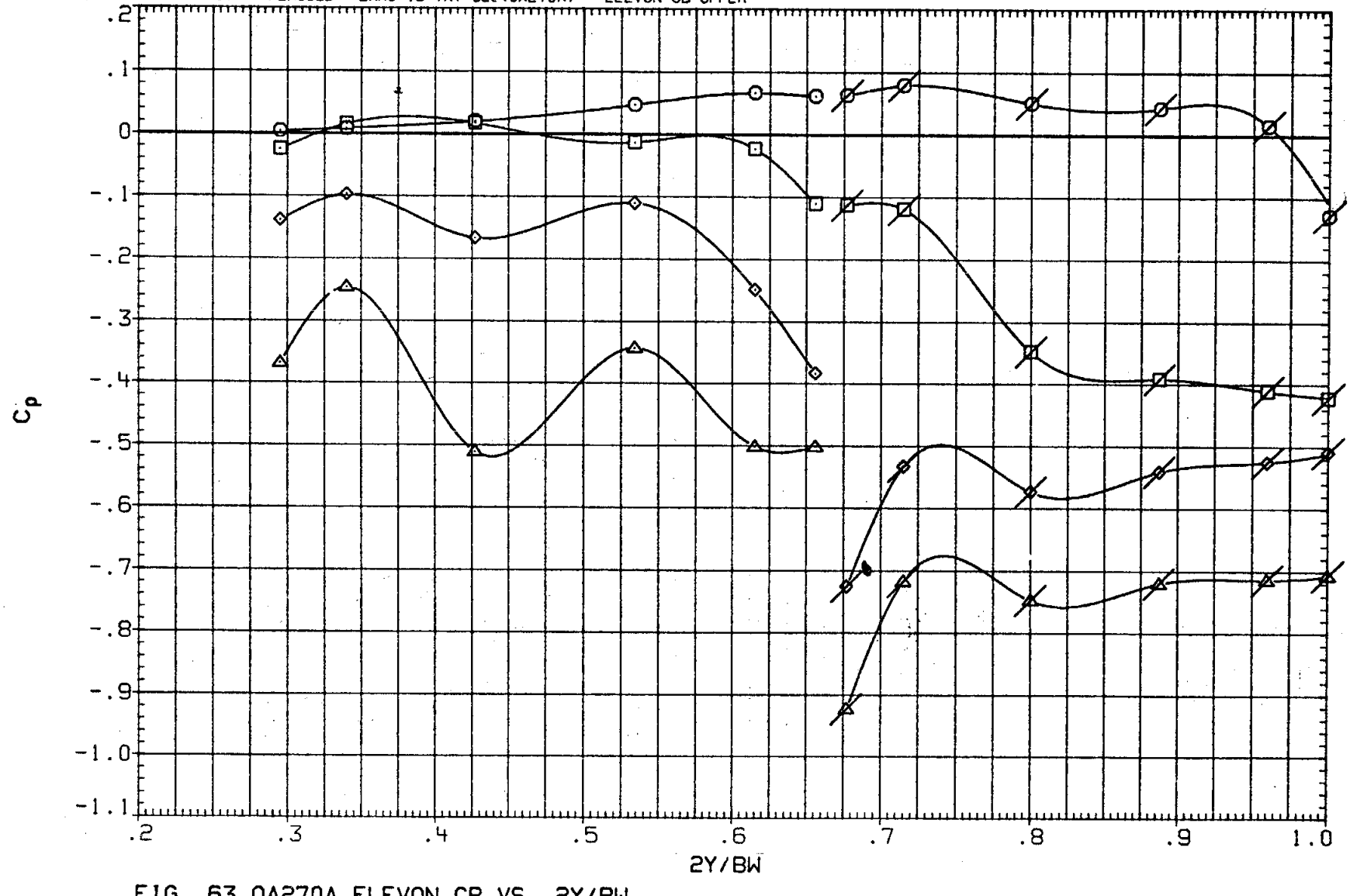


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

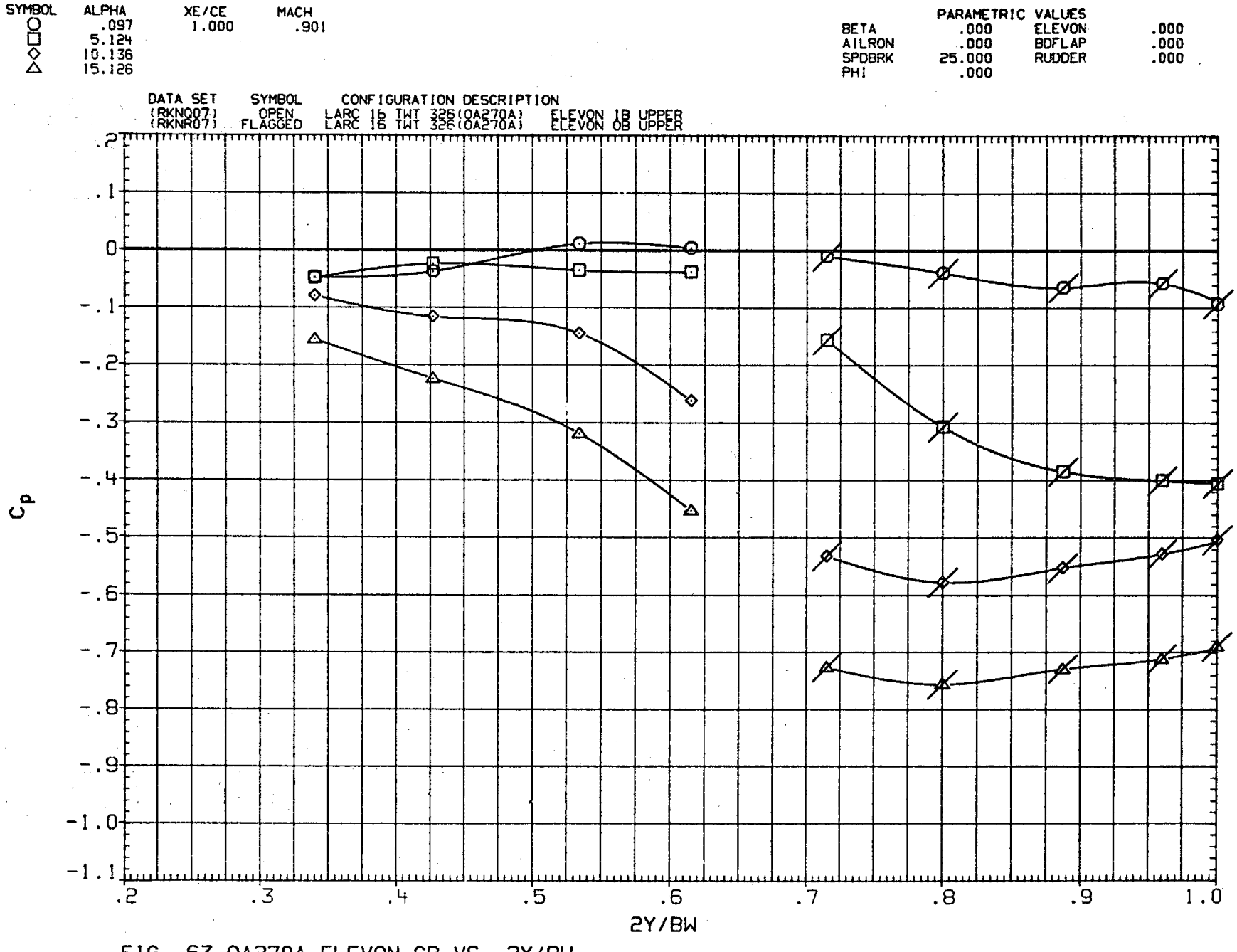


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.200	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

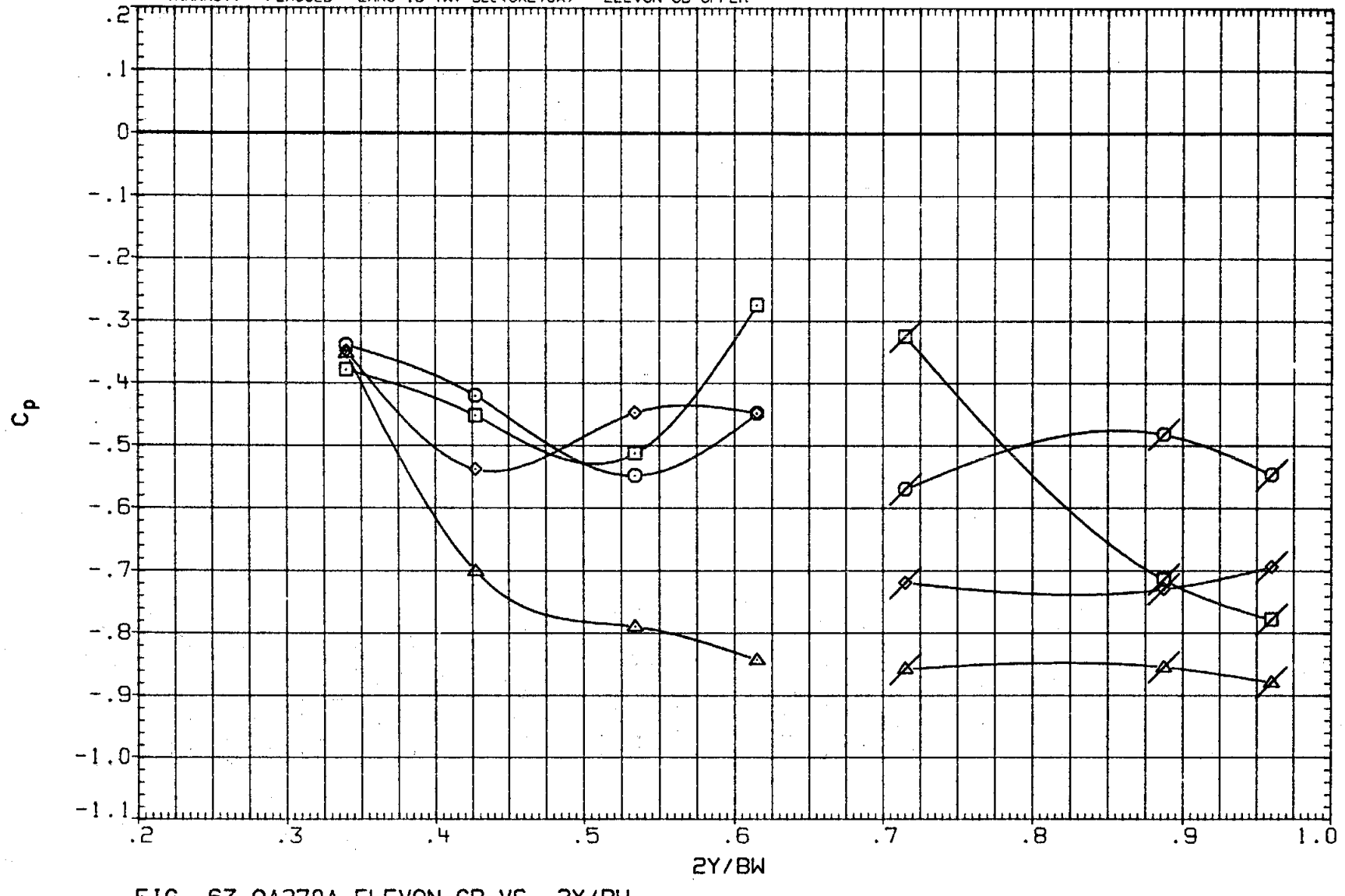


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

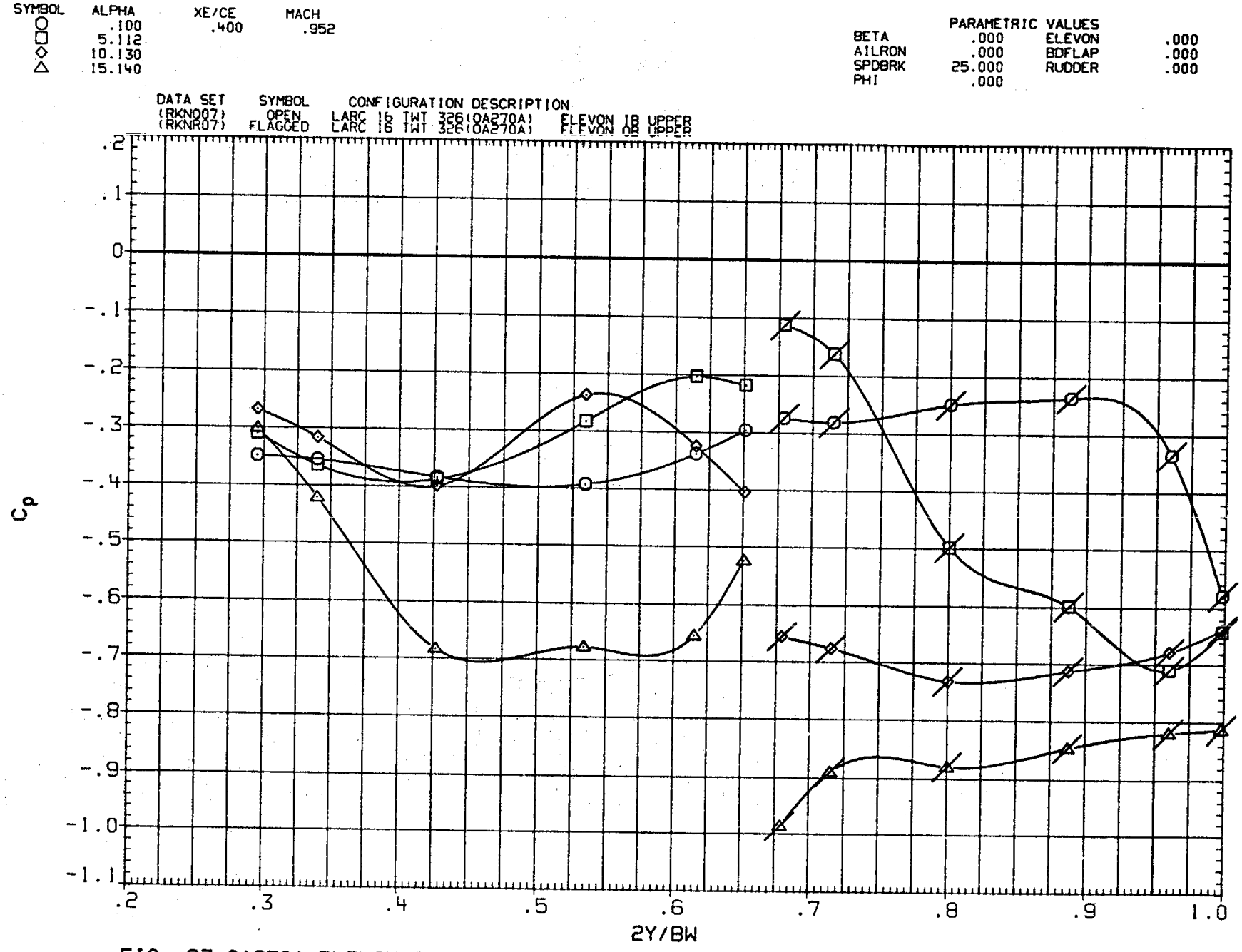


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.600	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.300	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

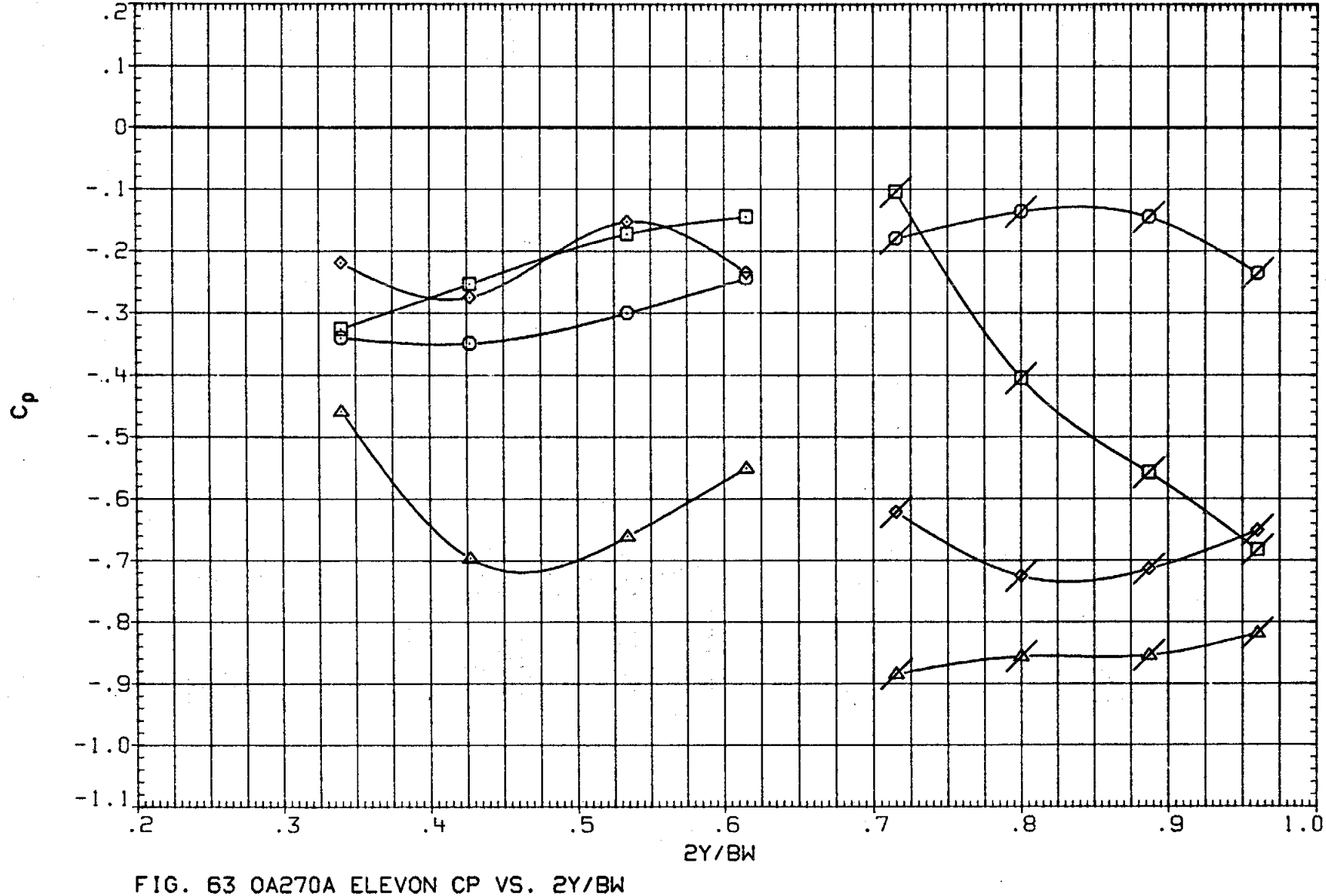


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.800	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKN007)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON 1B UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON 0B UPPER

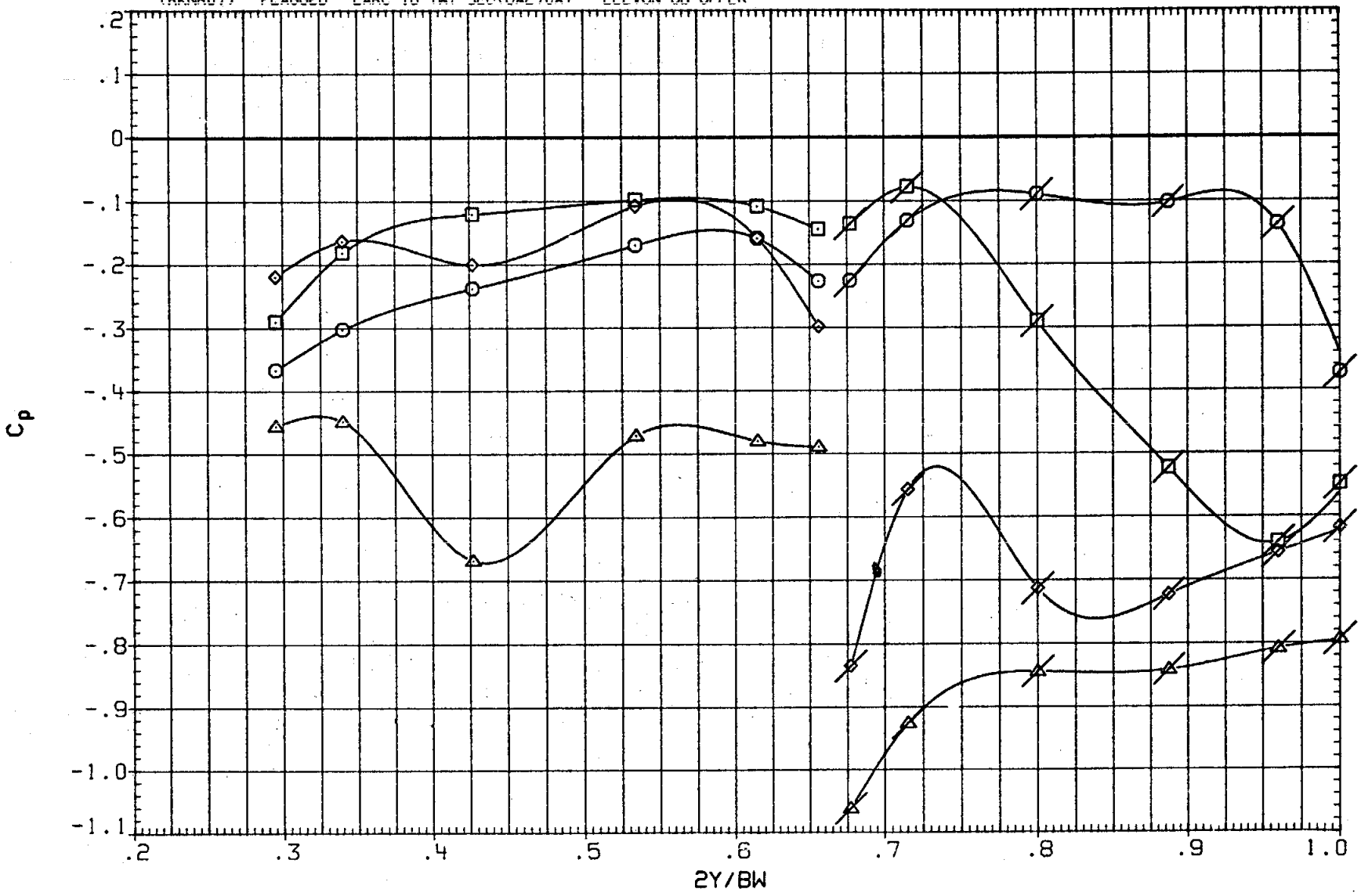


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

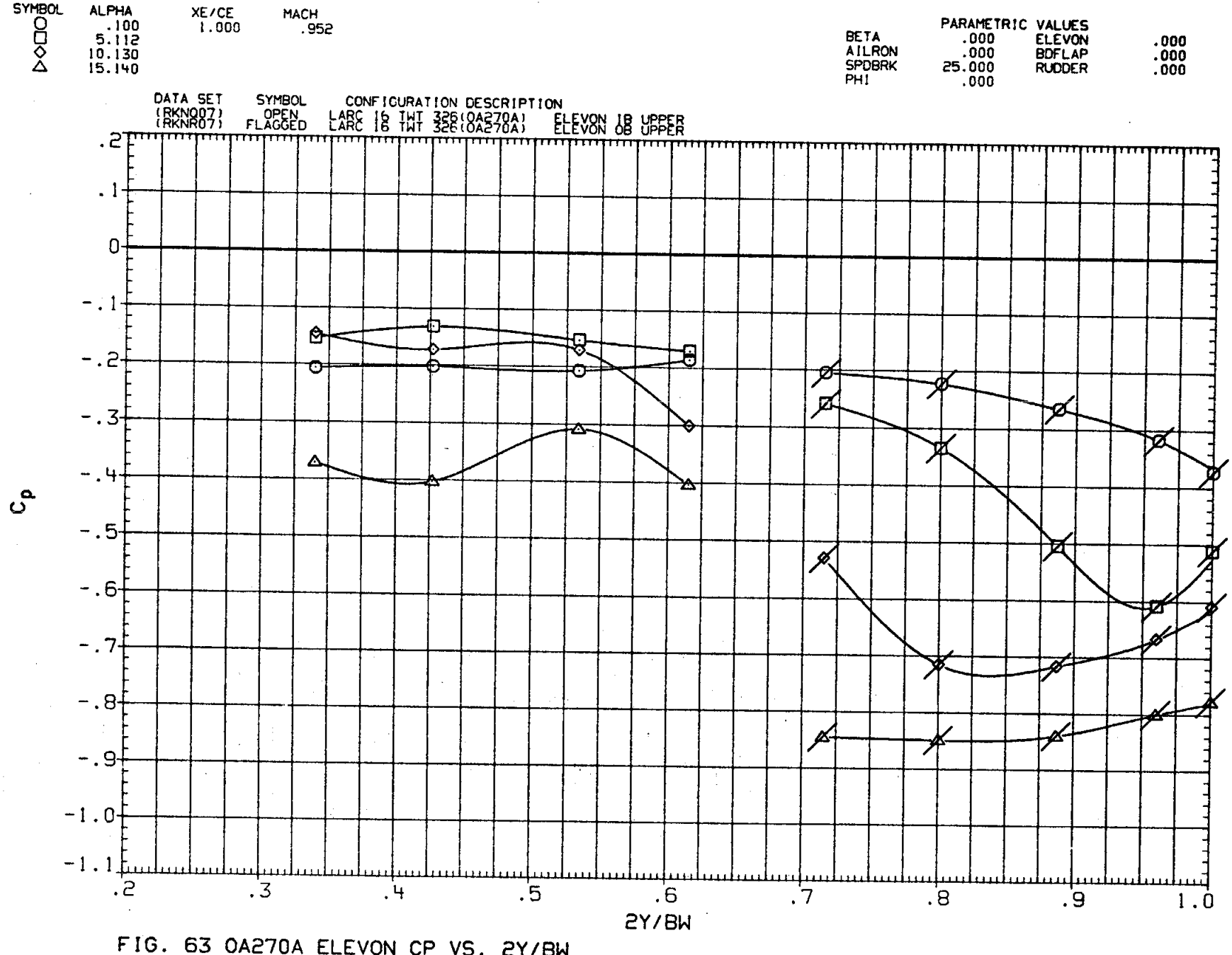


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	.200	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.300	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON 18 UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON 0B UPPER

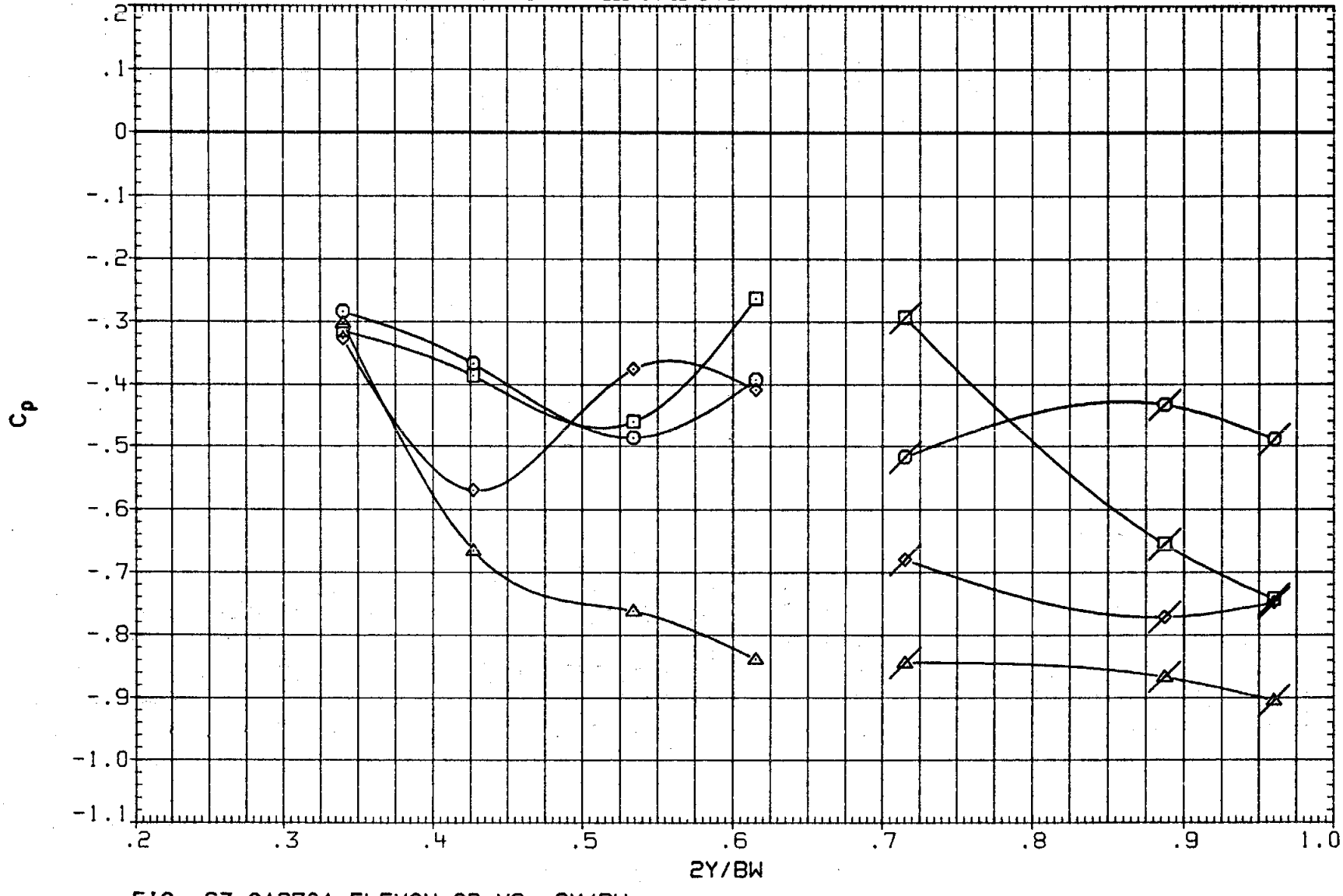


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	.400	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

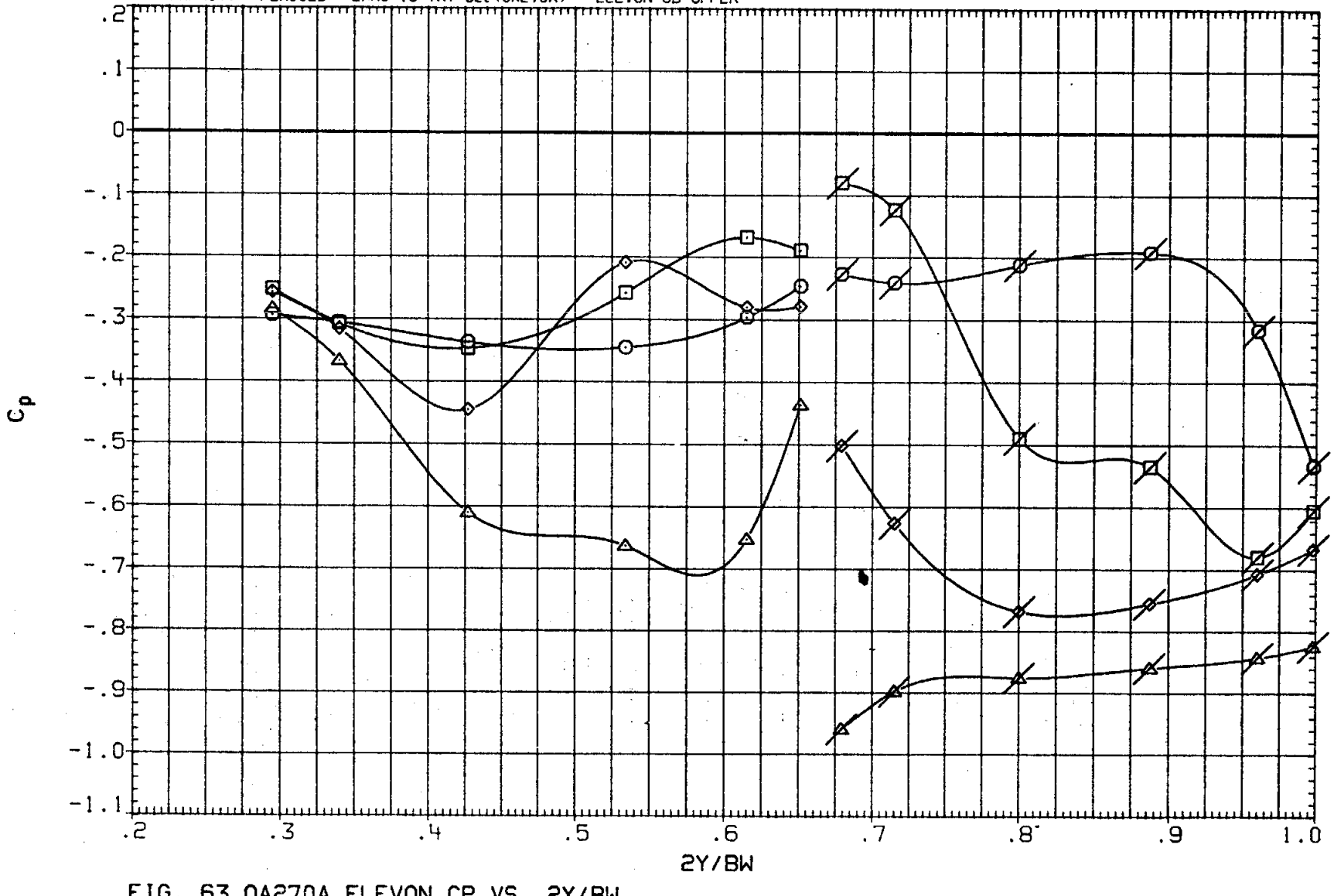


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

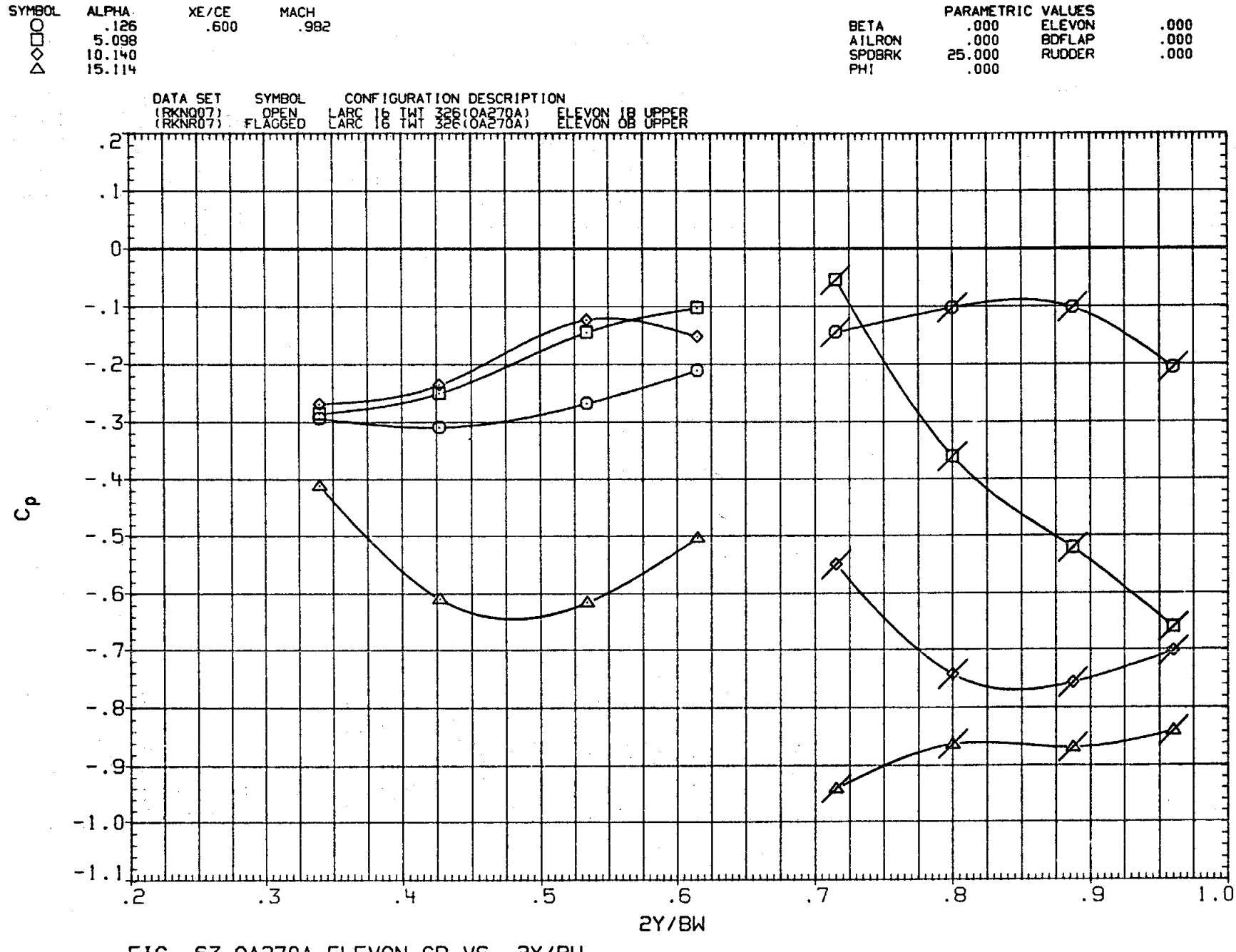


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	.800	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

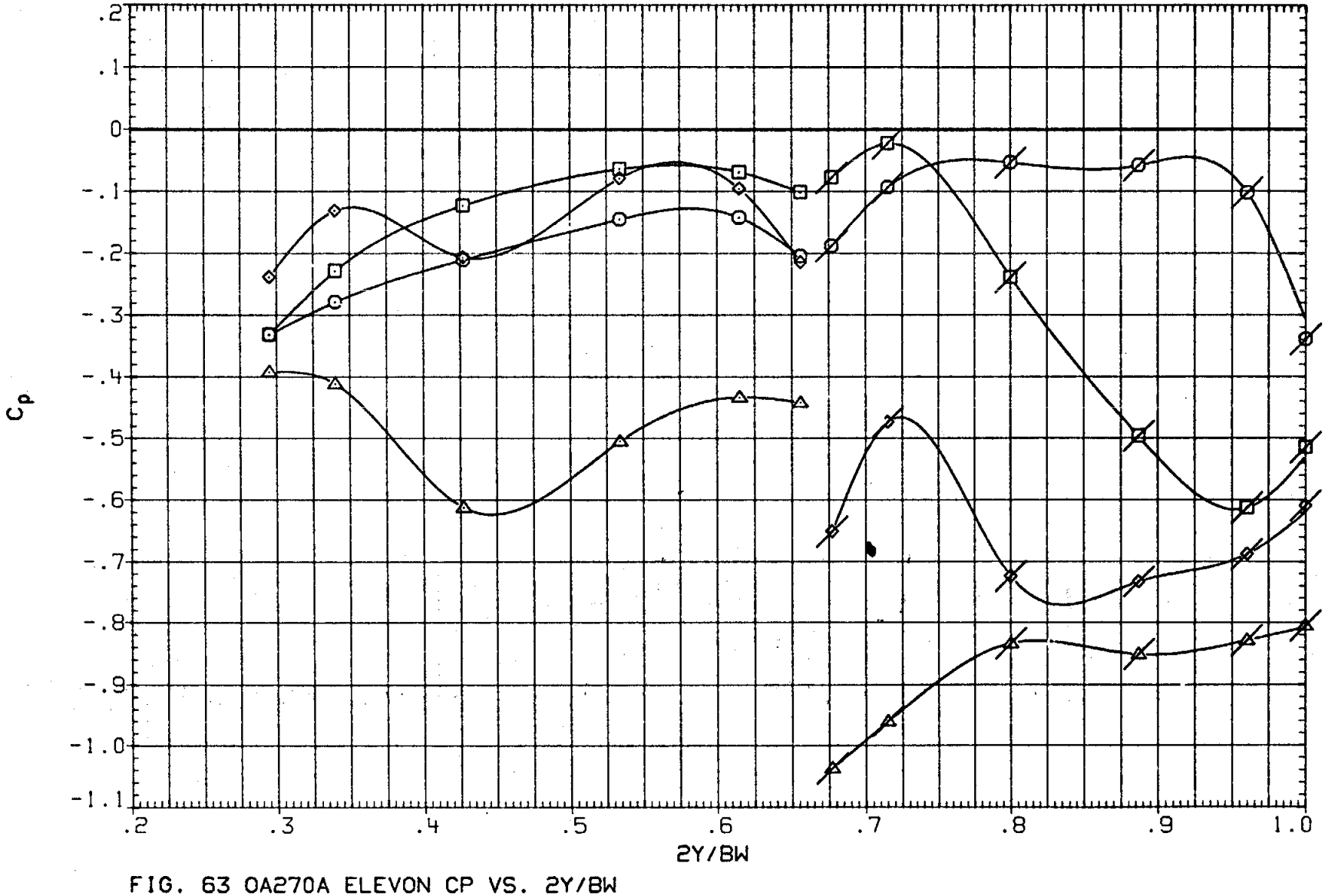


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	1.000	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.200	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

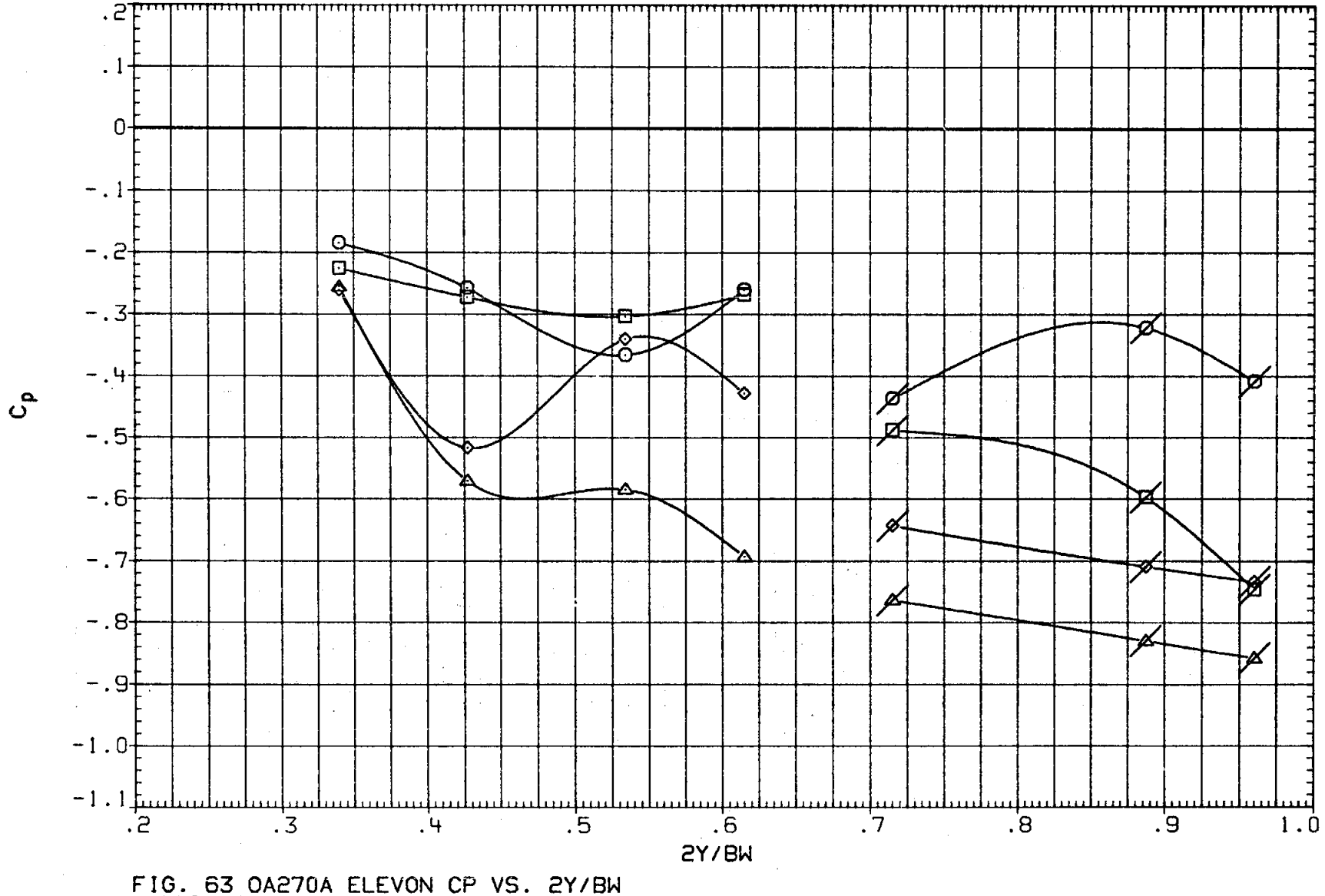


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

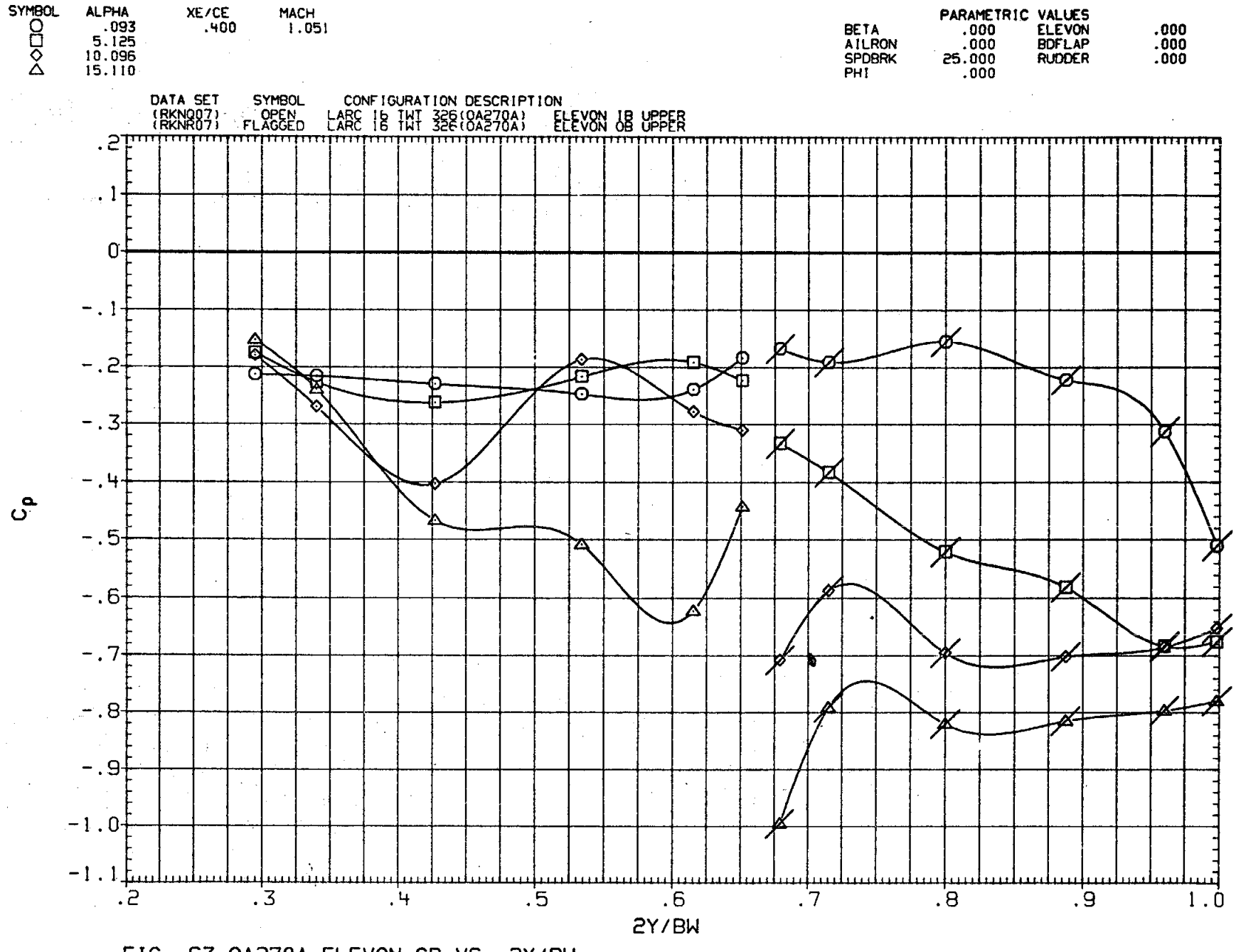


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.600	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

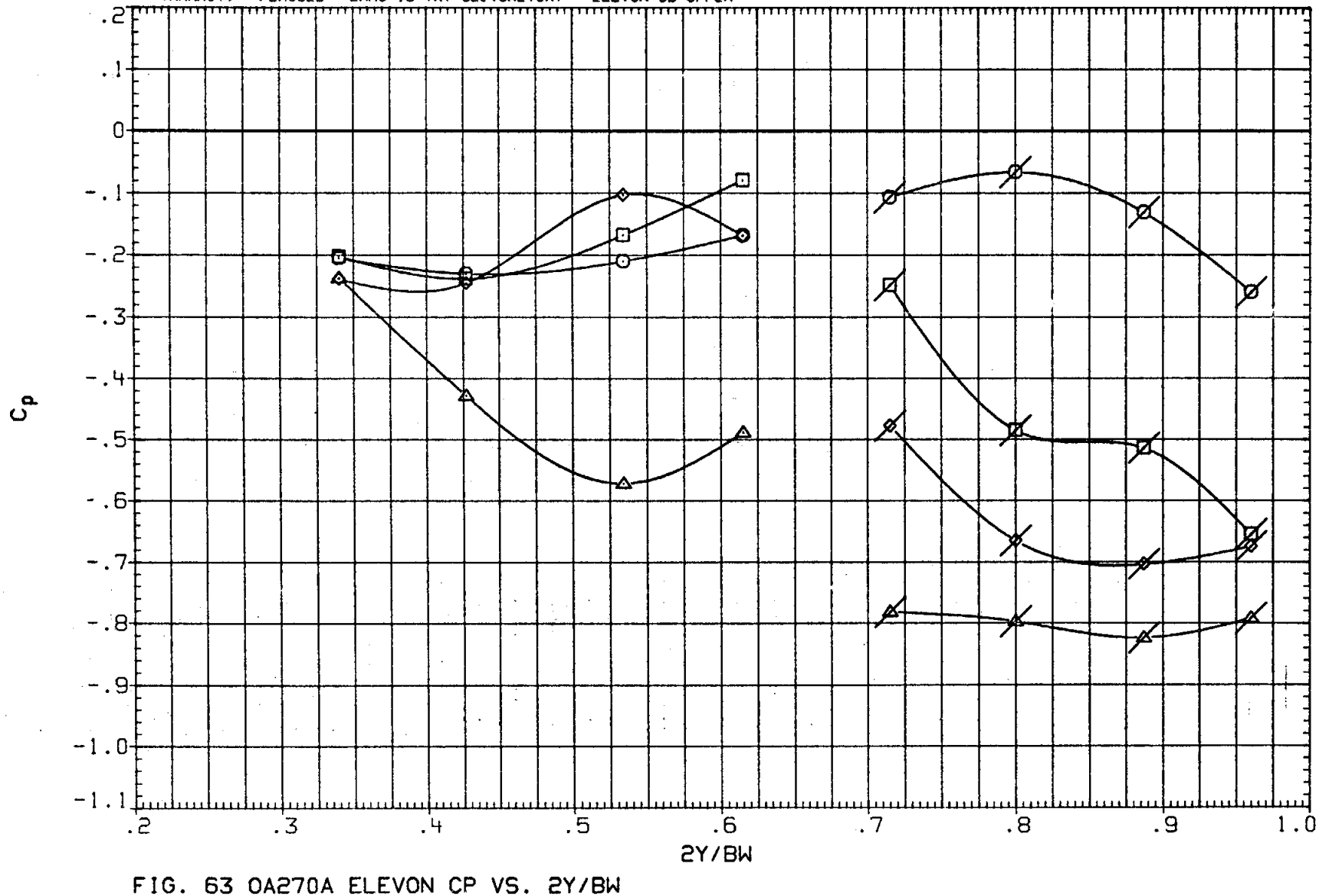


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.800	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

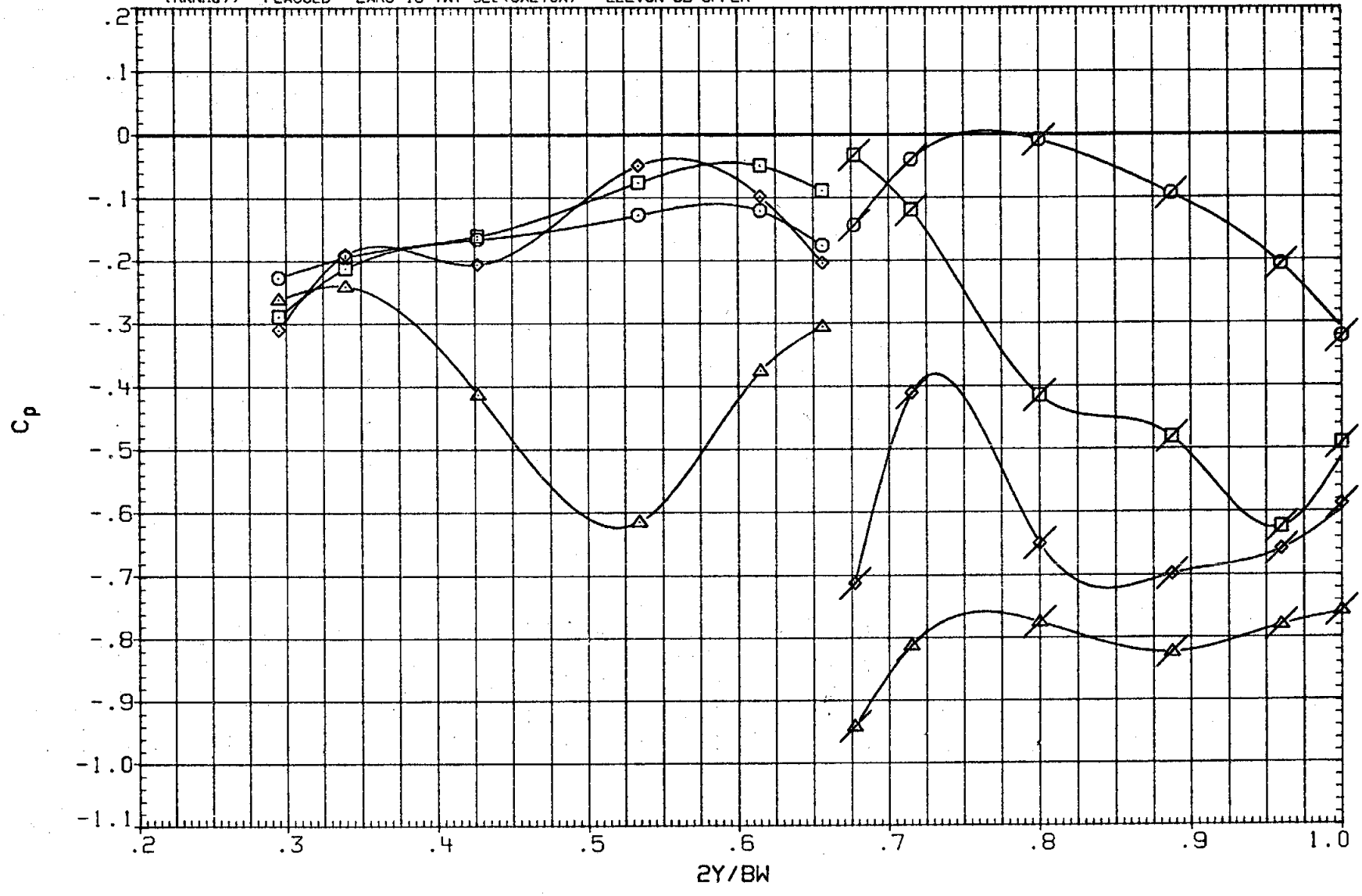


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	1.000	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

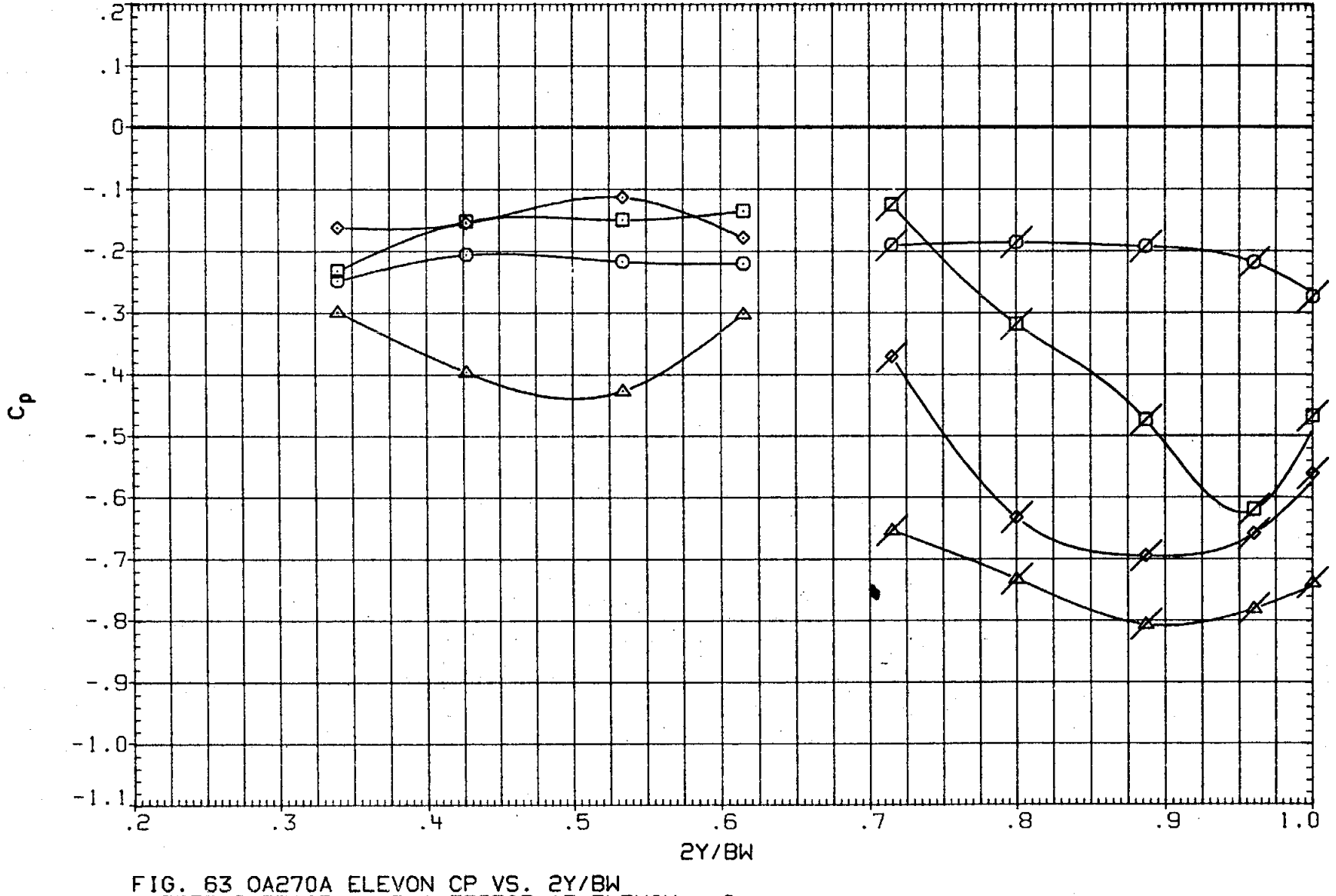


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.200	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A)	ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A)	ELEVON OB UPPER

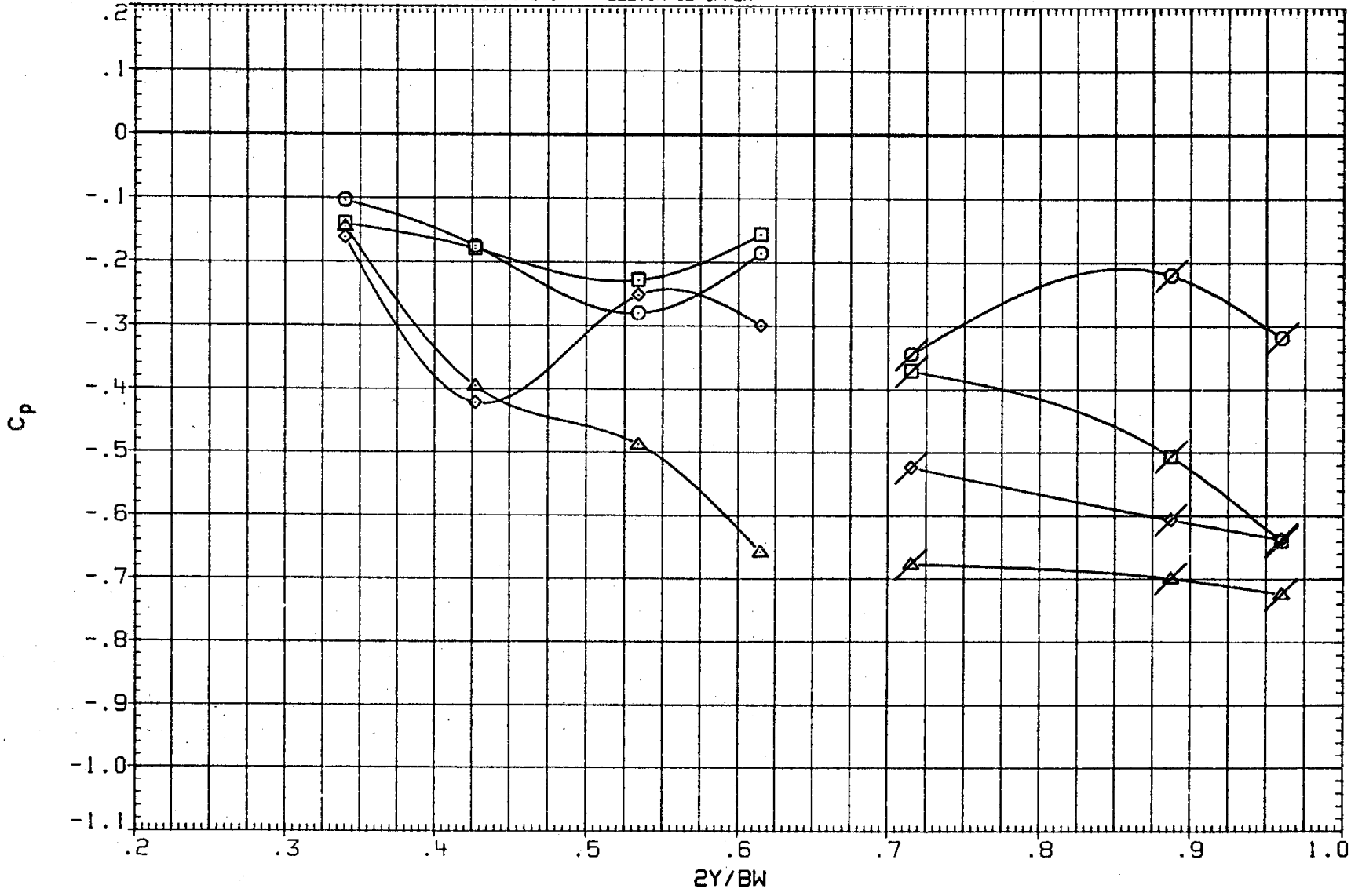


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.400	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

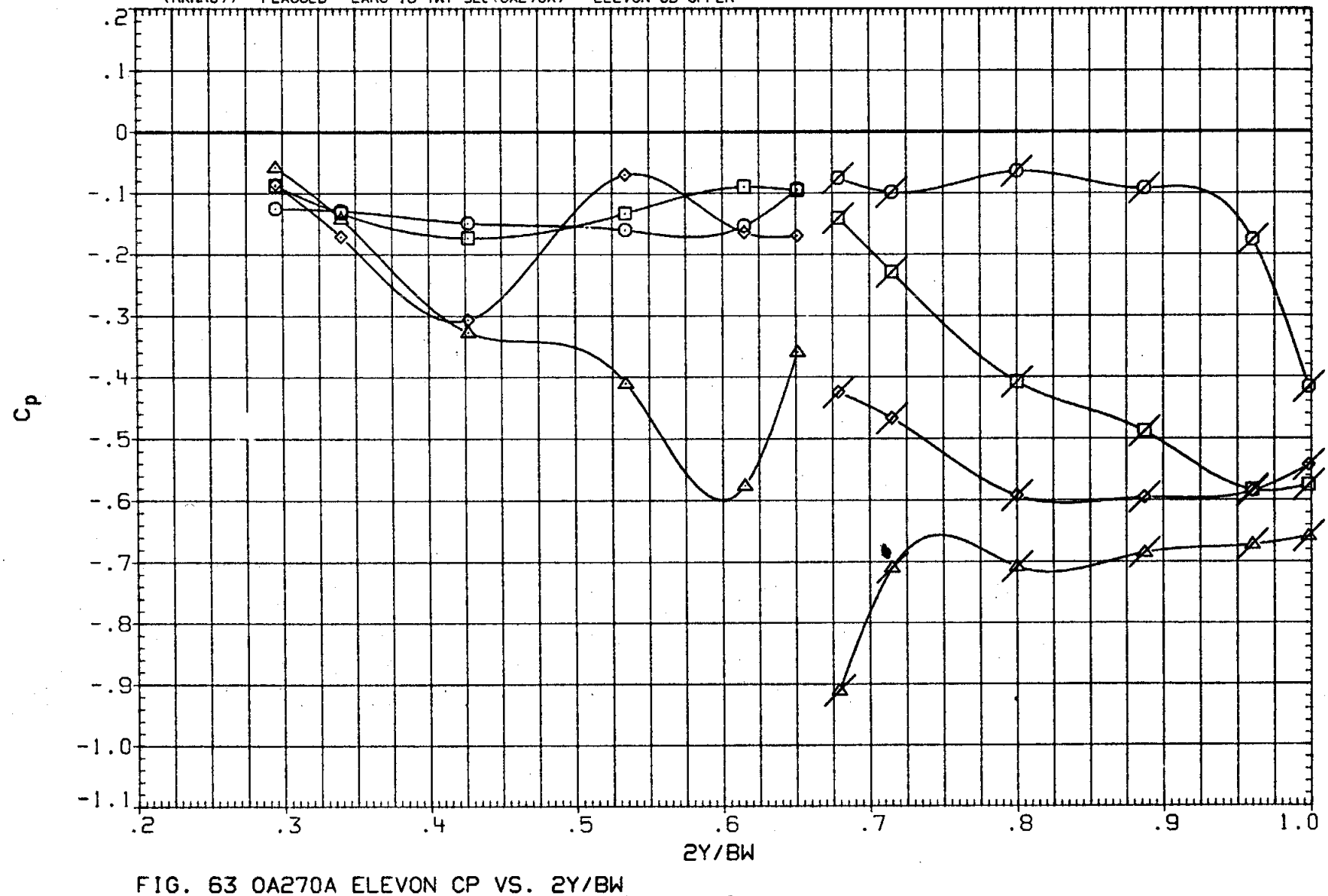


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.600	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

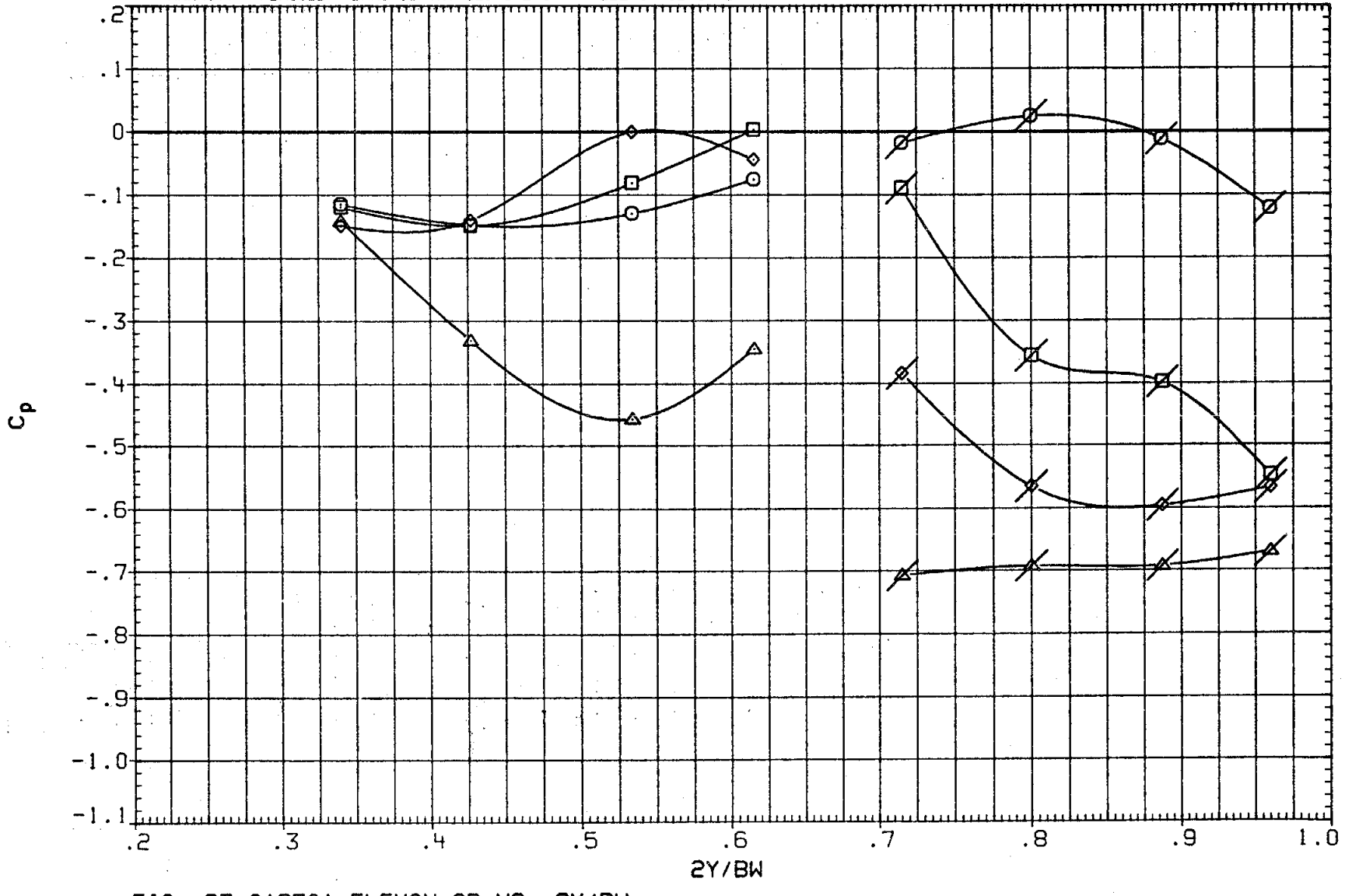


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.800	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.003	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

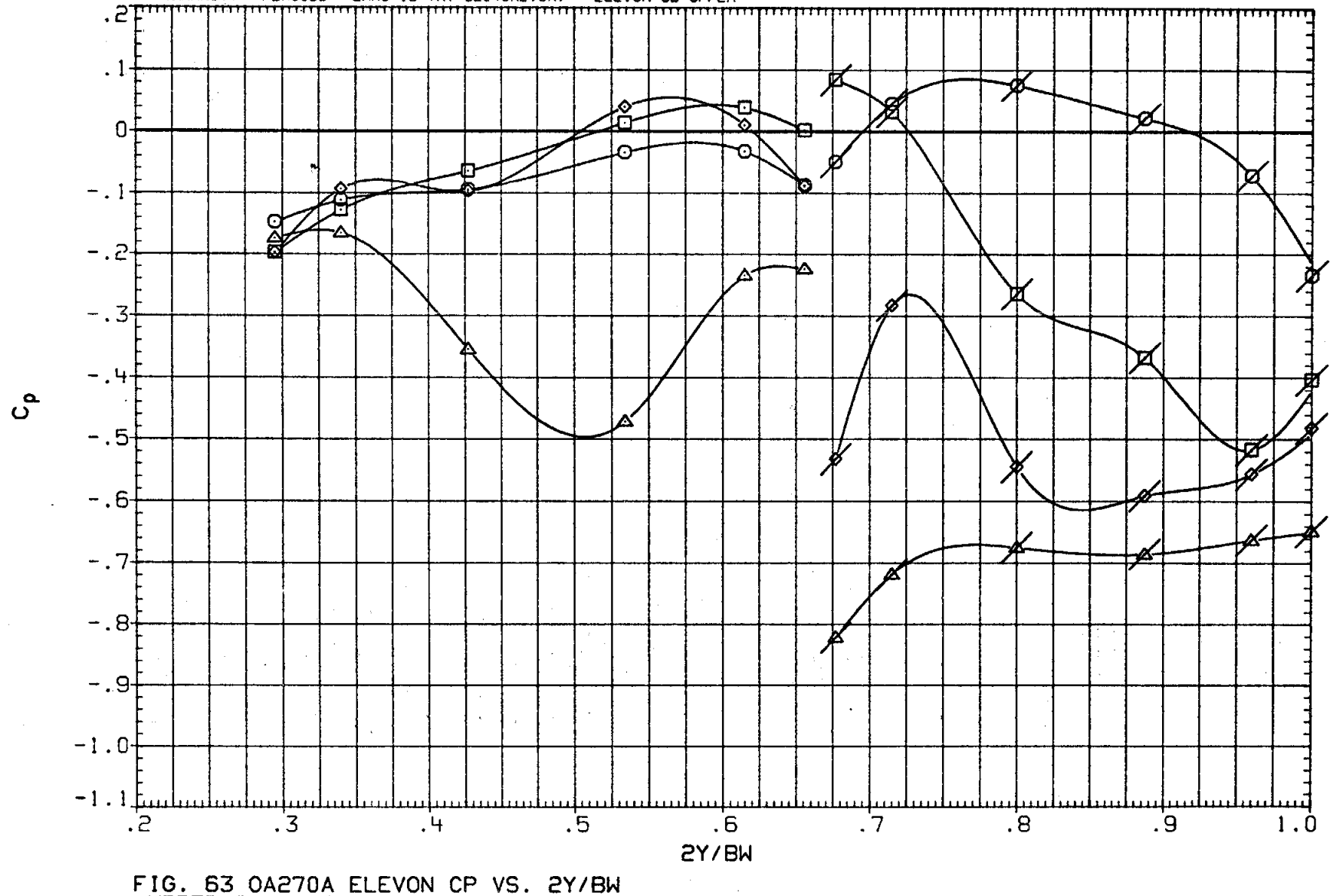


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

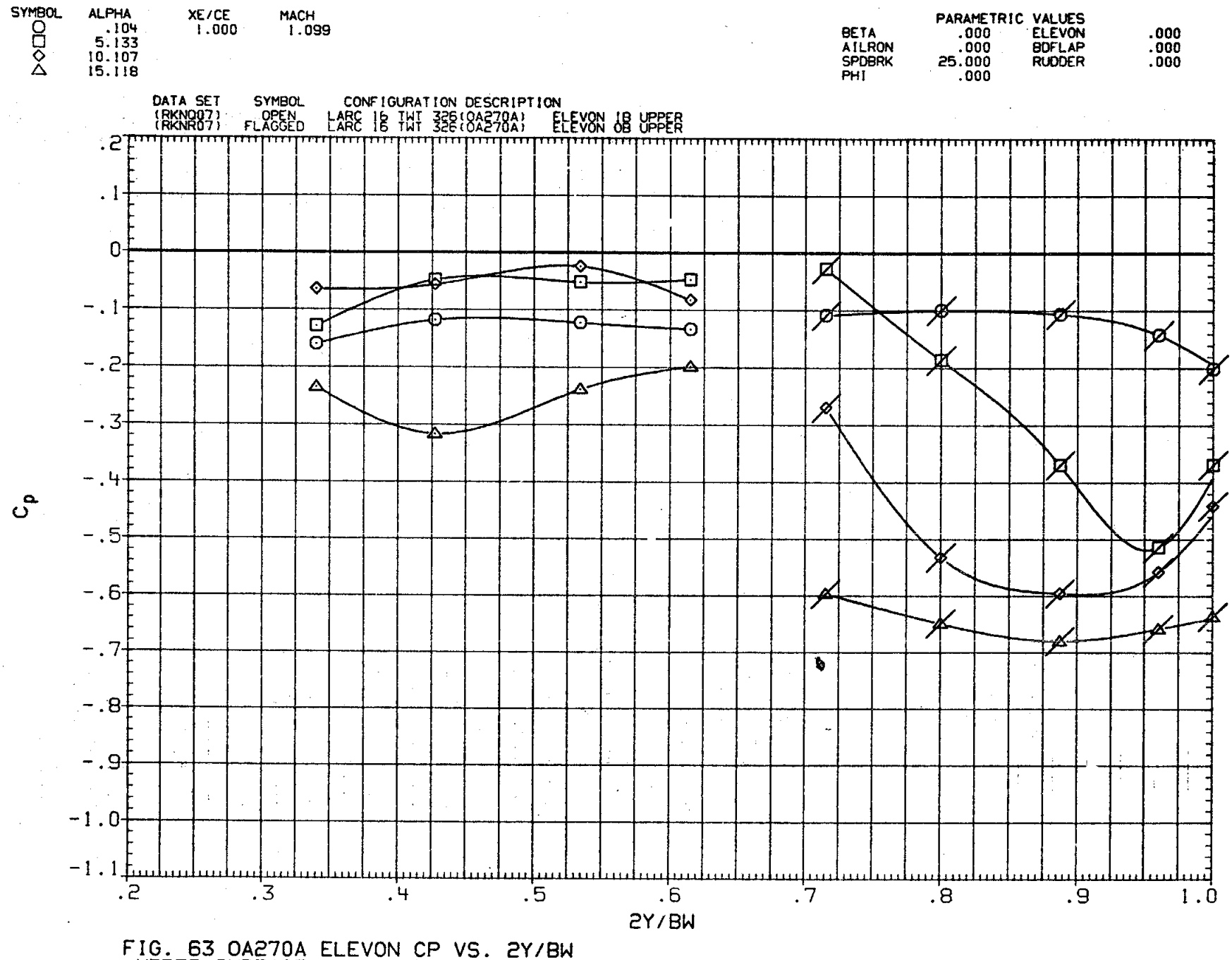


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.200	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.400	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

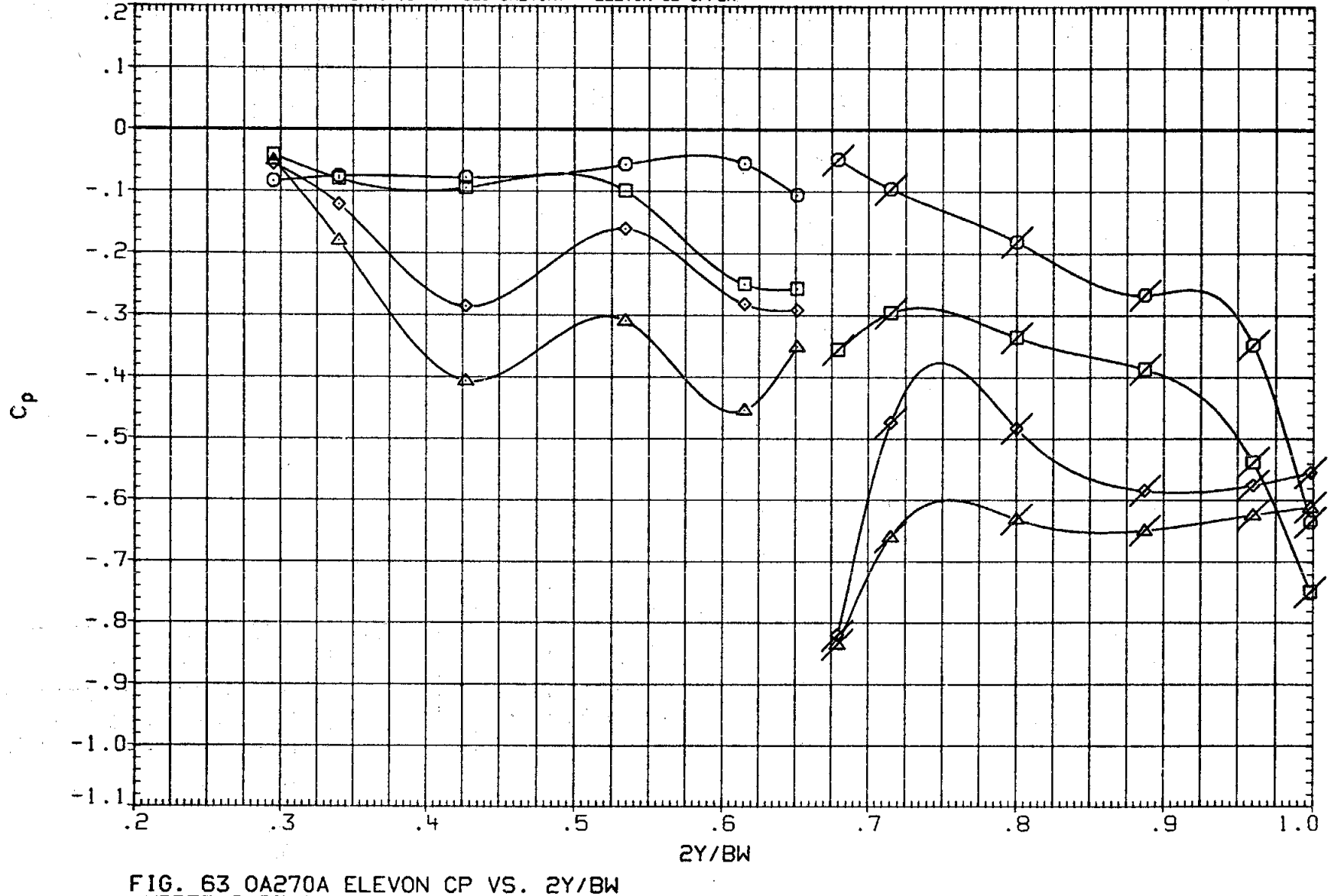


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.600	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPOBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

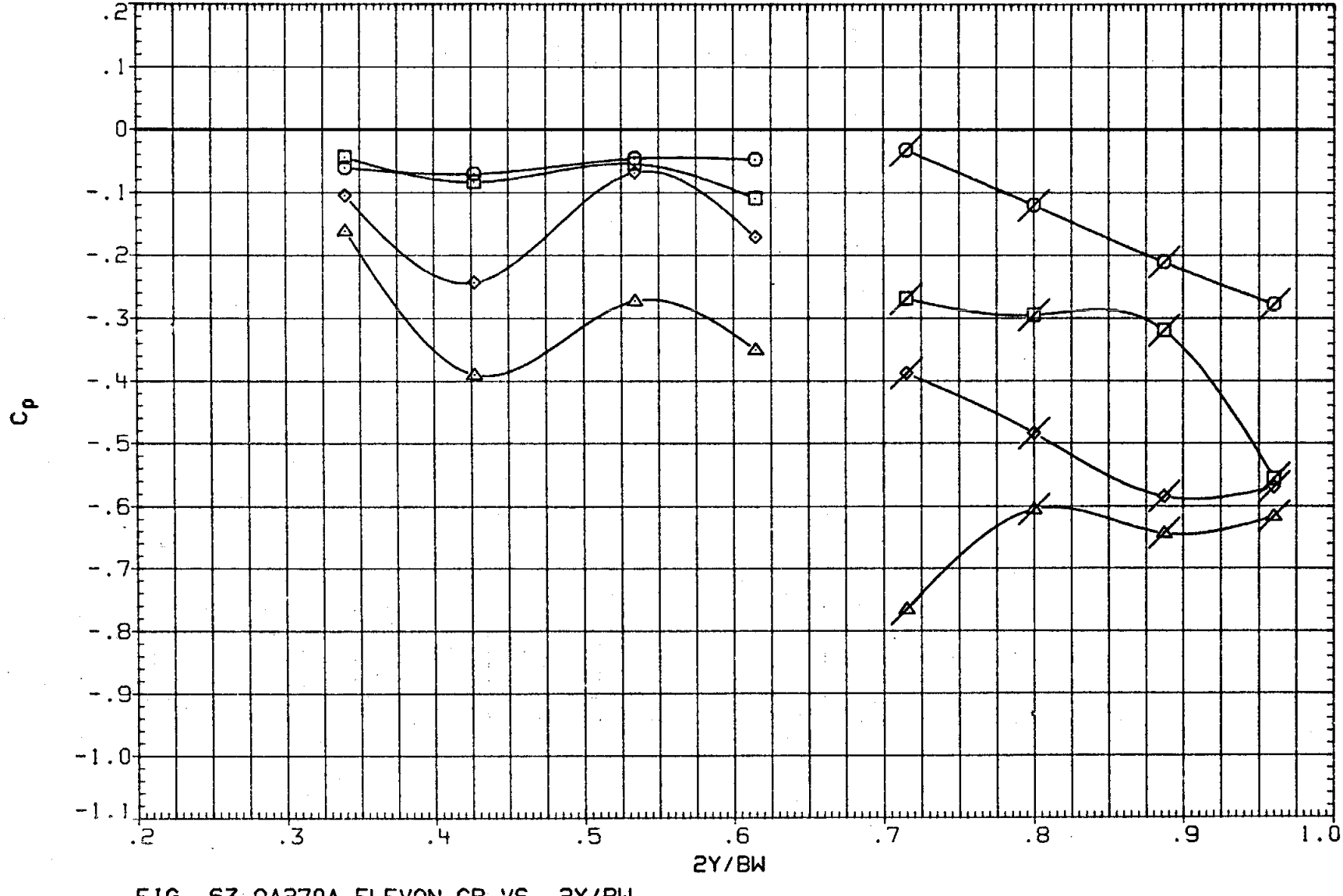


FIG. 63 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

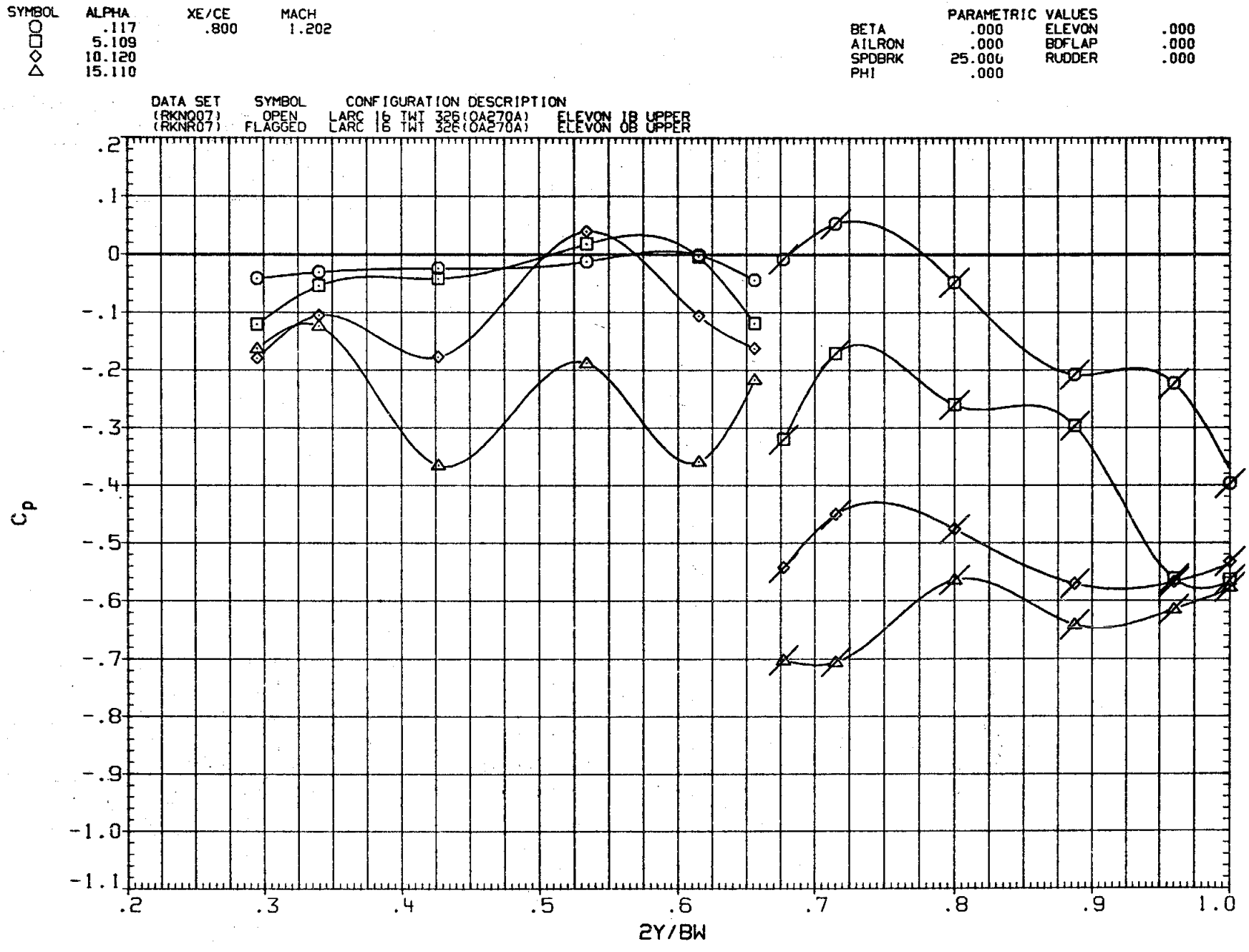


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	1.000	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKN007)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

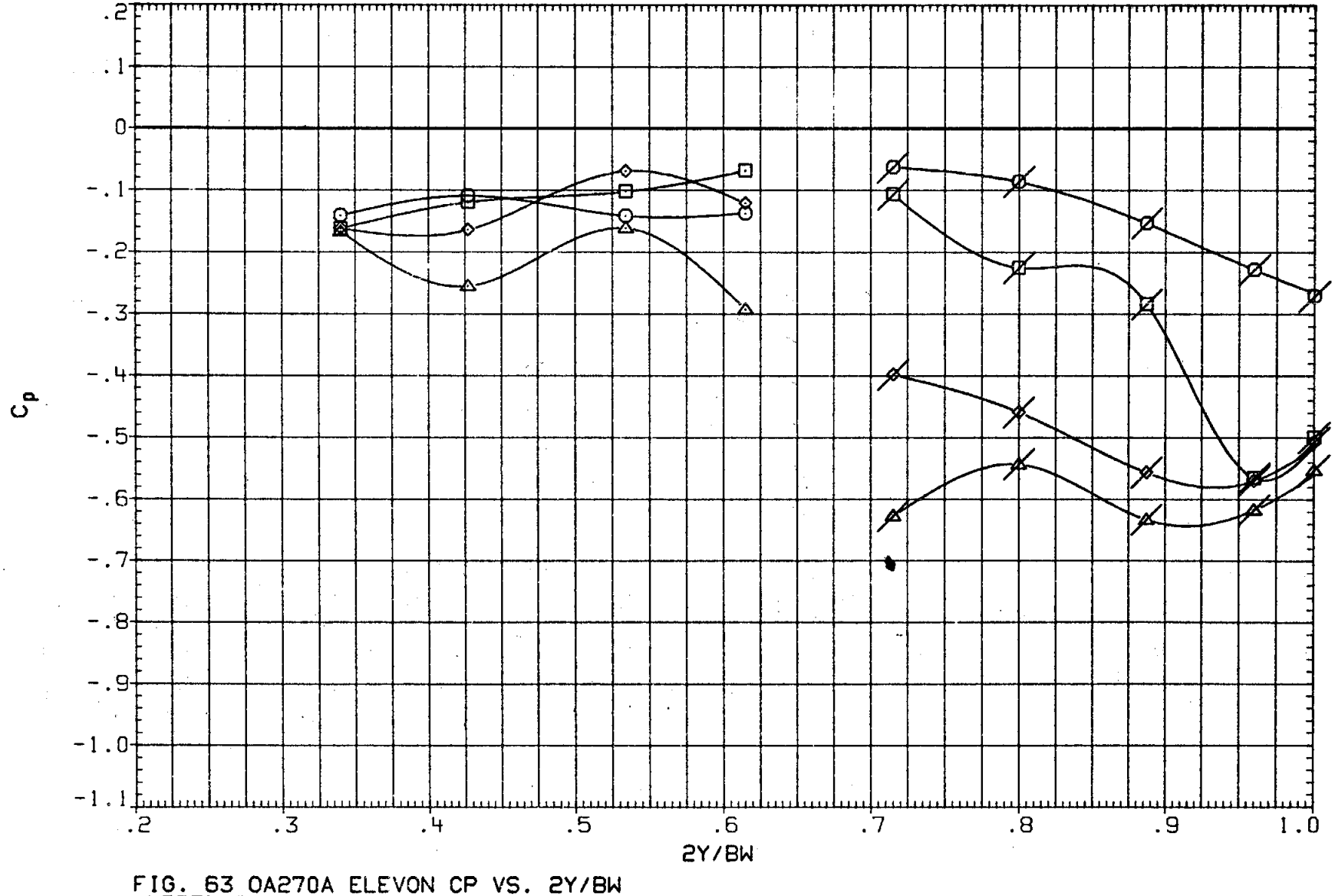


FIG. 63 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 0

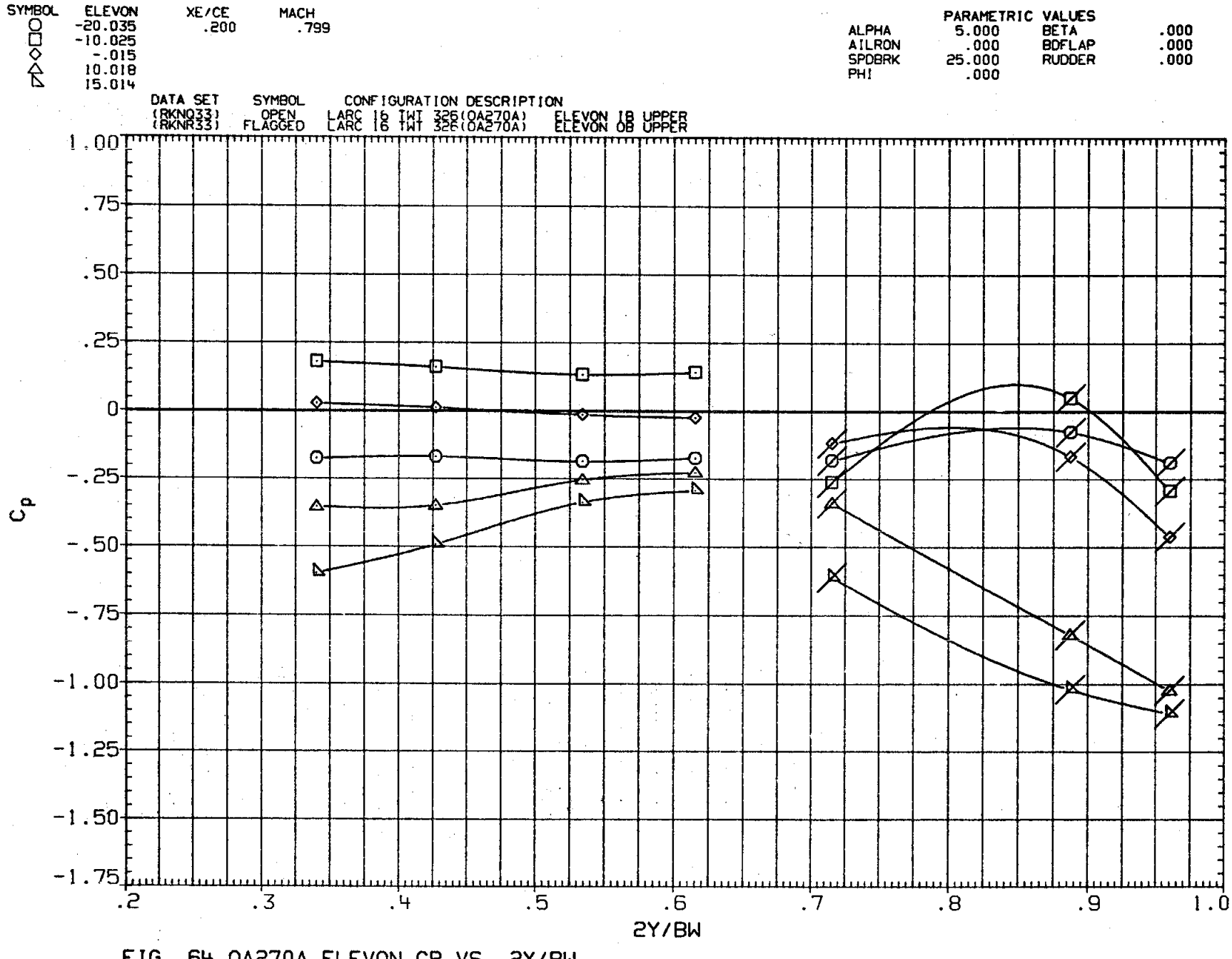


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

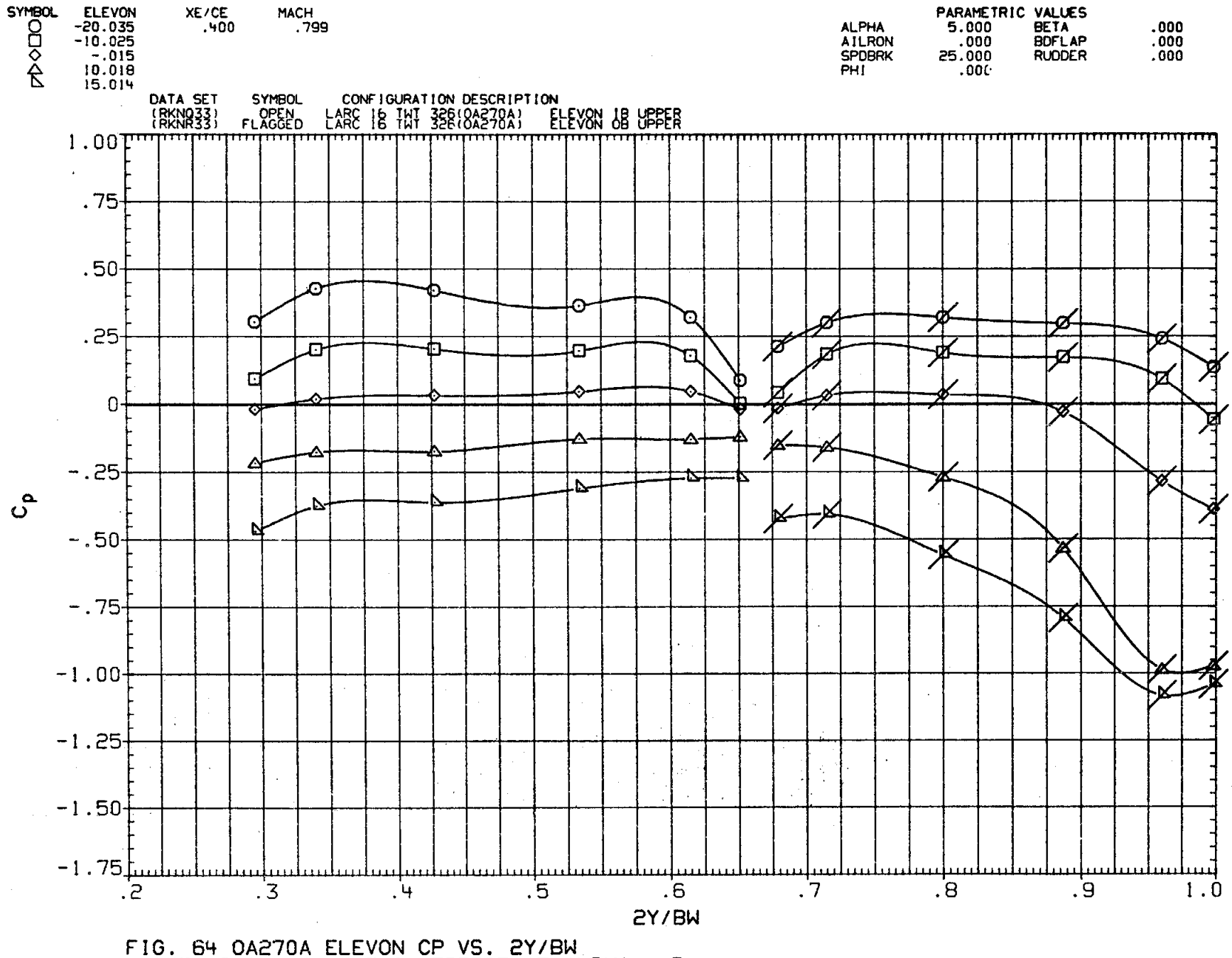


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

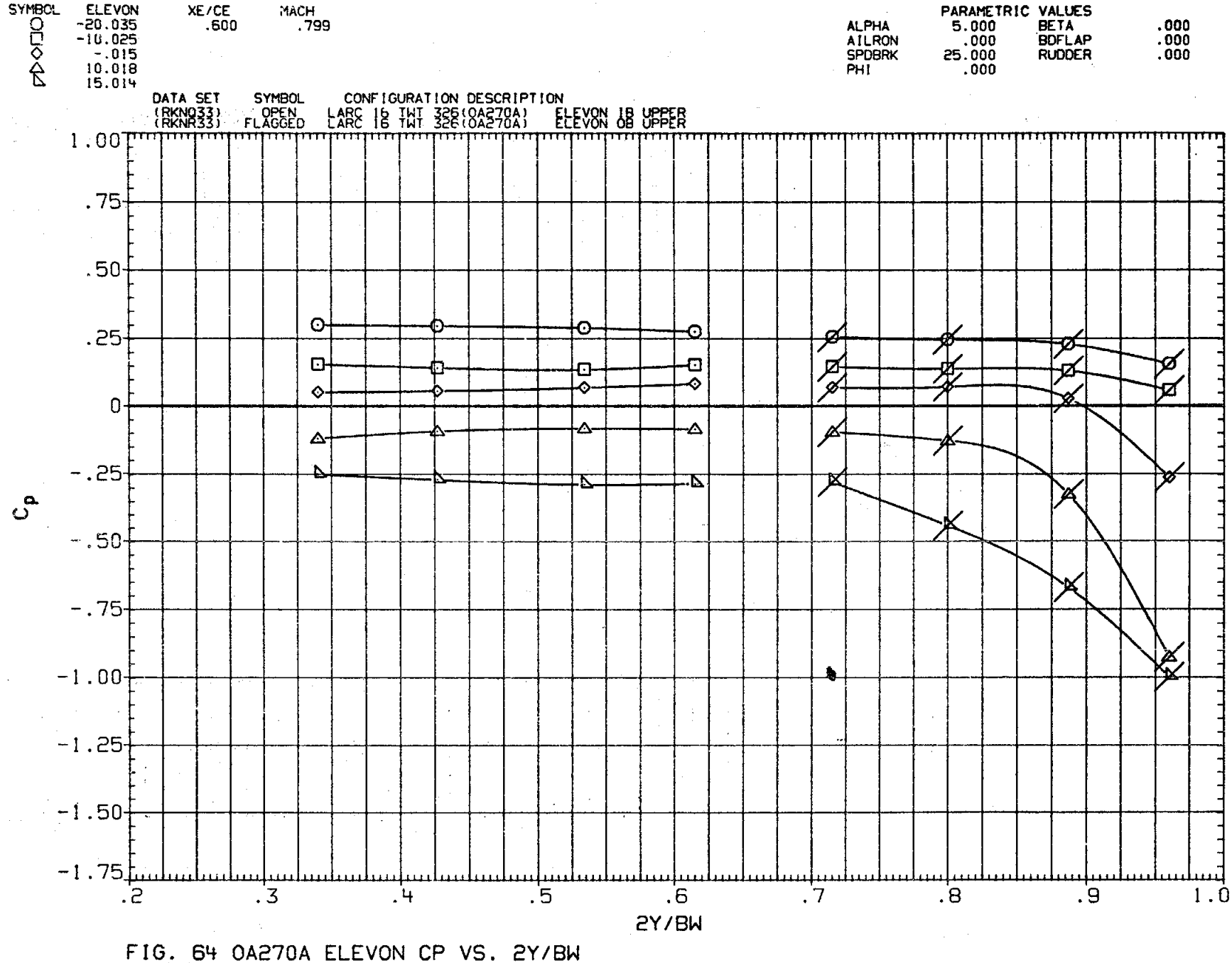


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

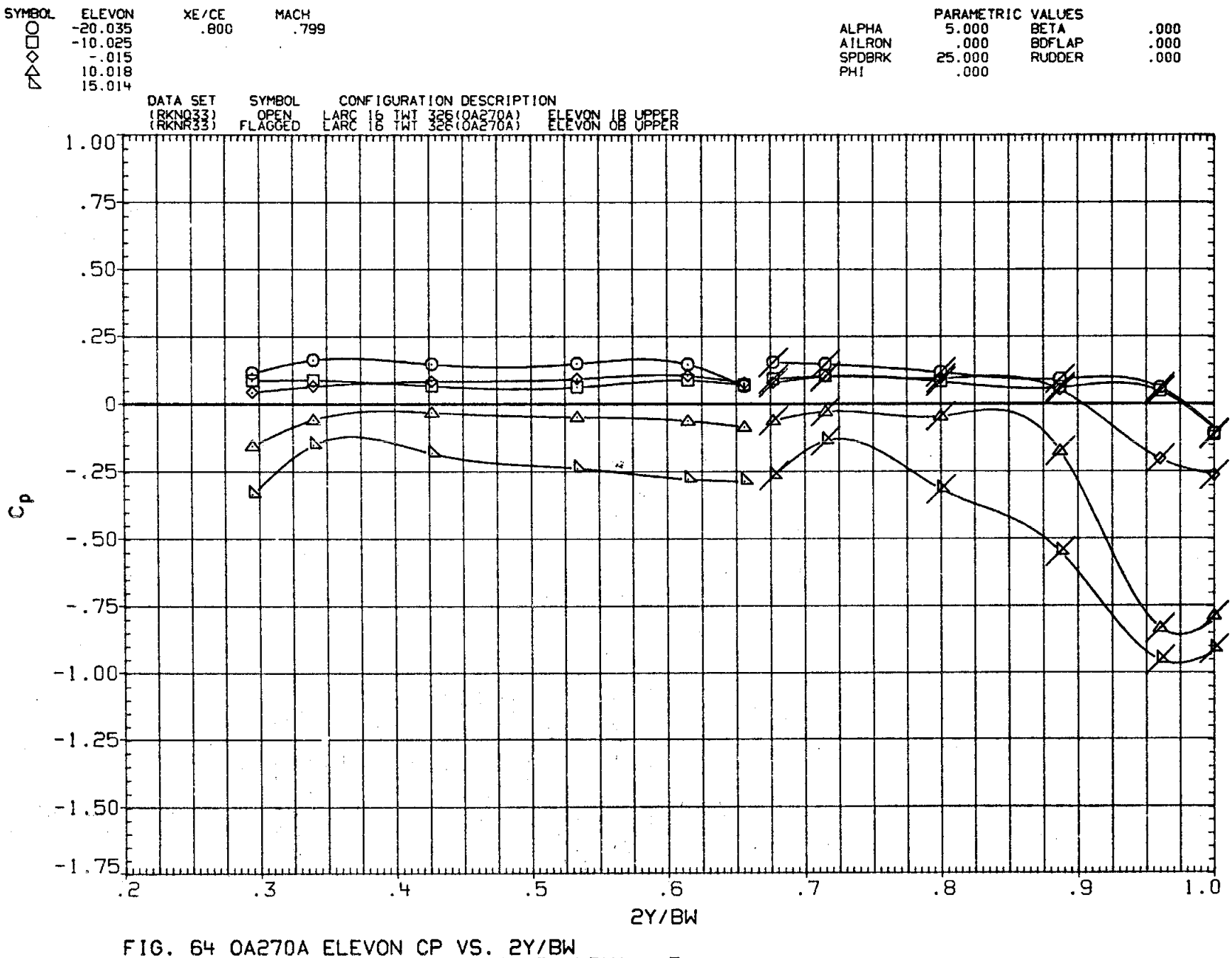


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

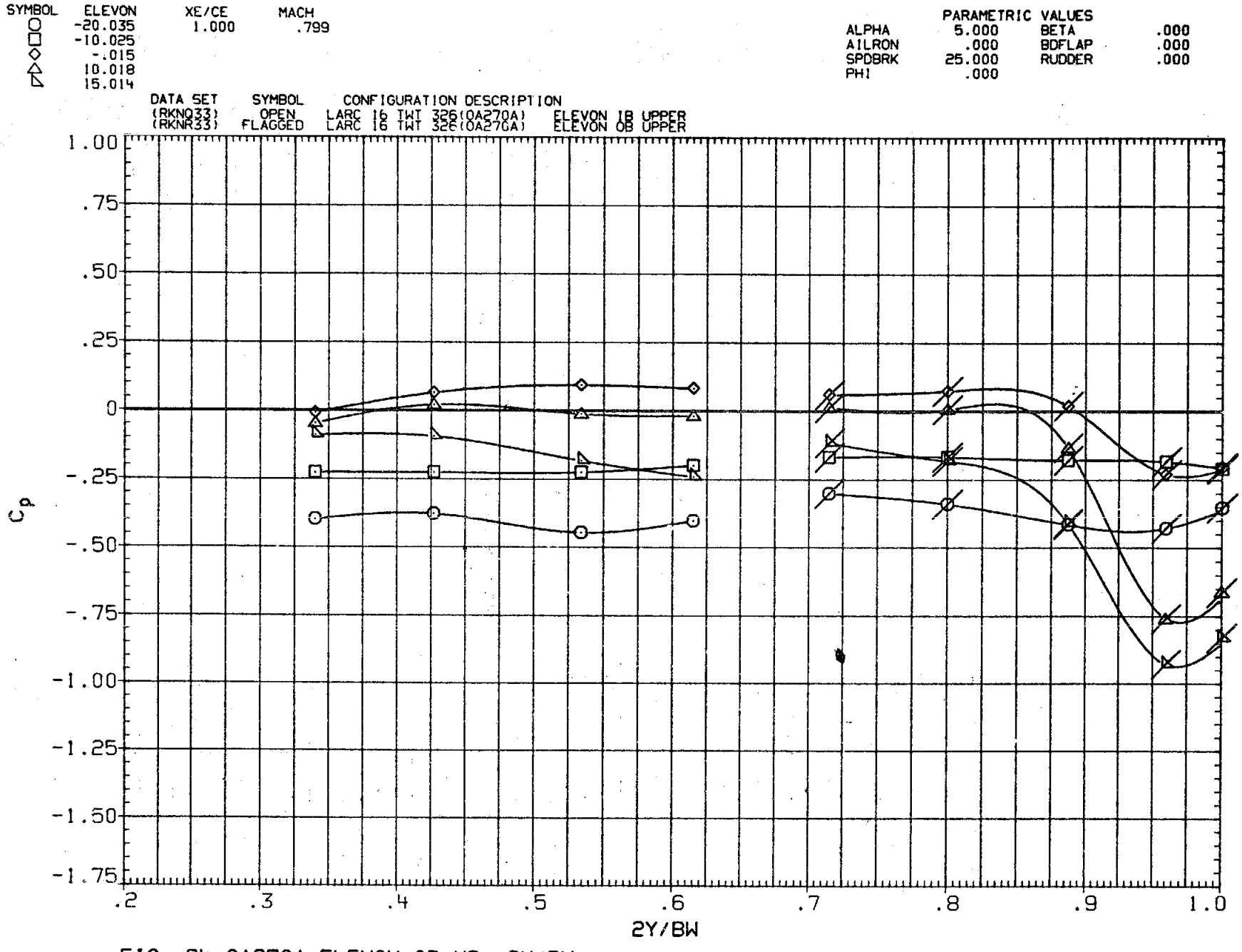


FIG. 64 0A270A ELEVON CP VS. 2Y/BW.
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

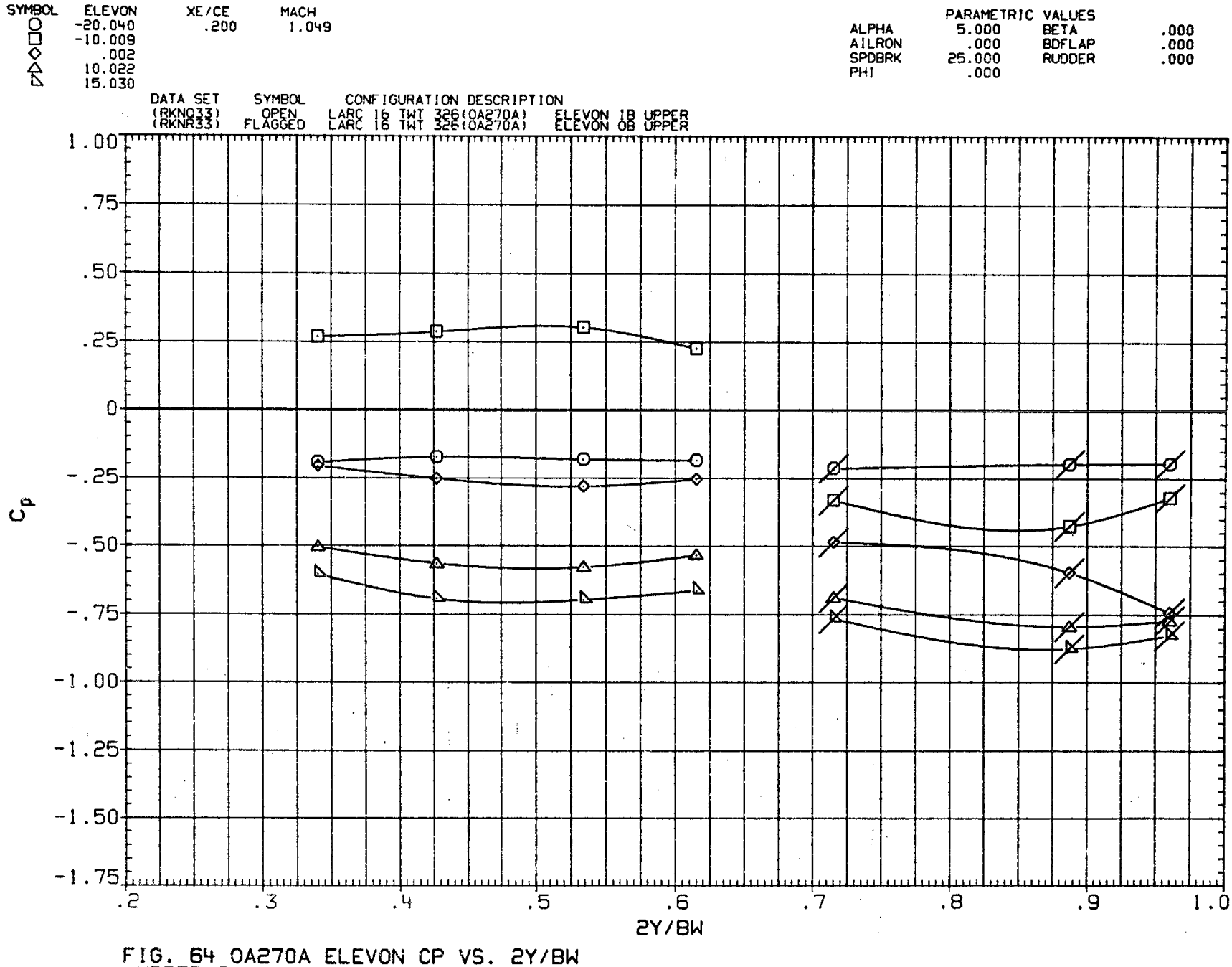


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

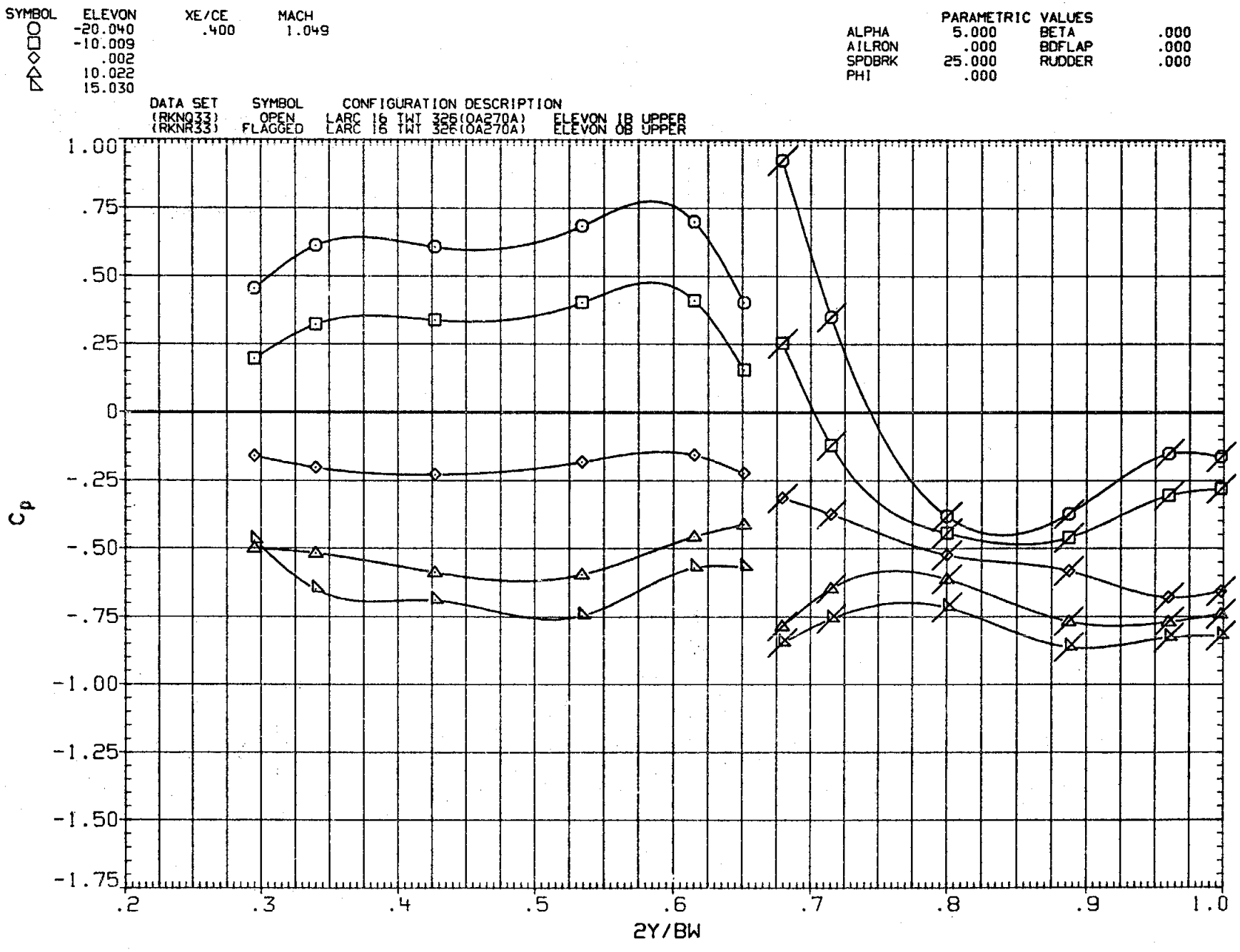


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

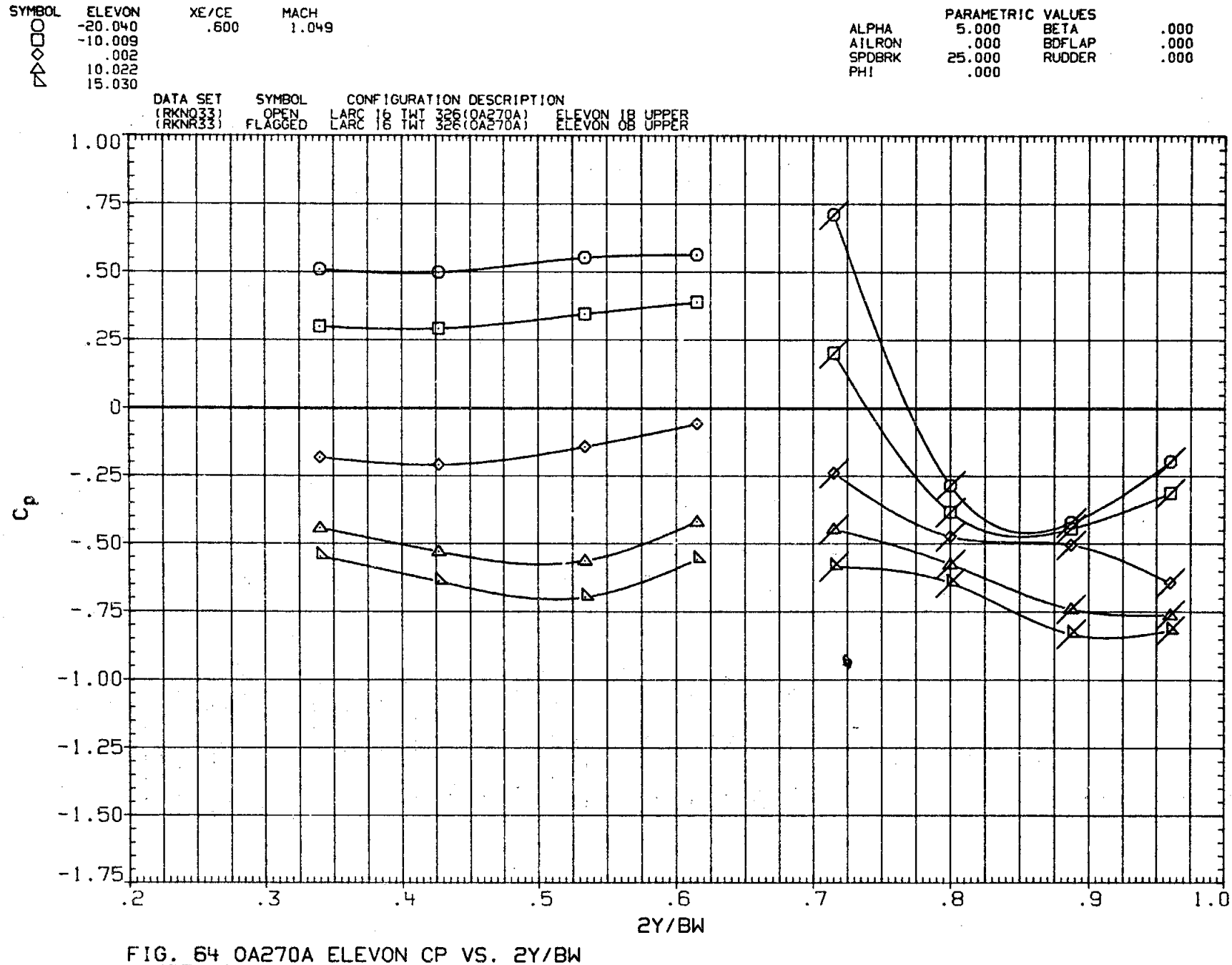


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

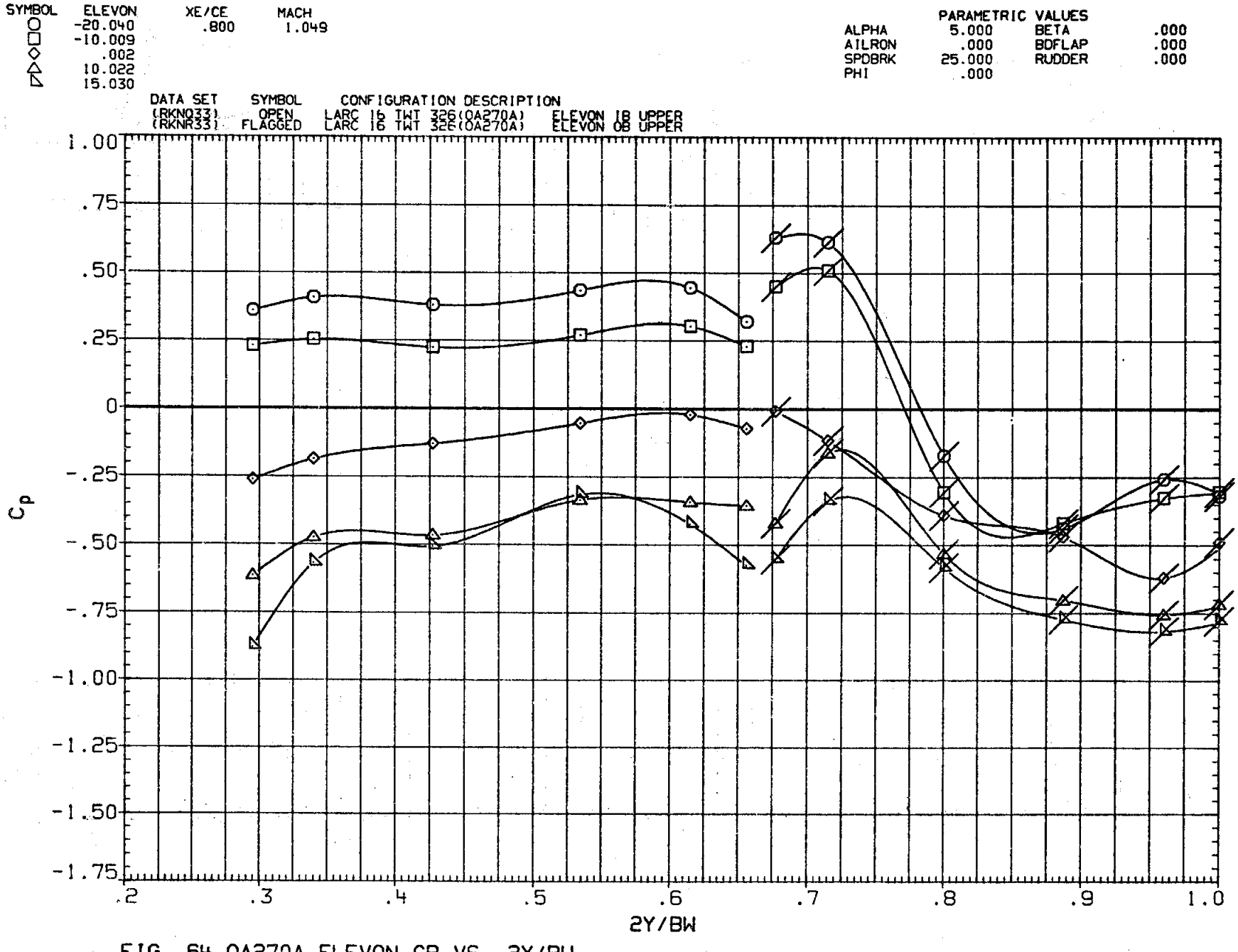


FIG. 64 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

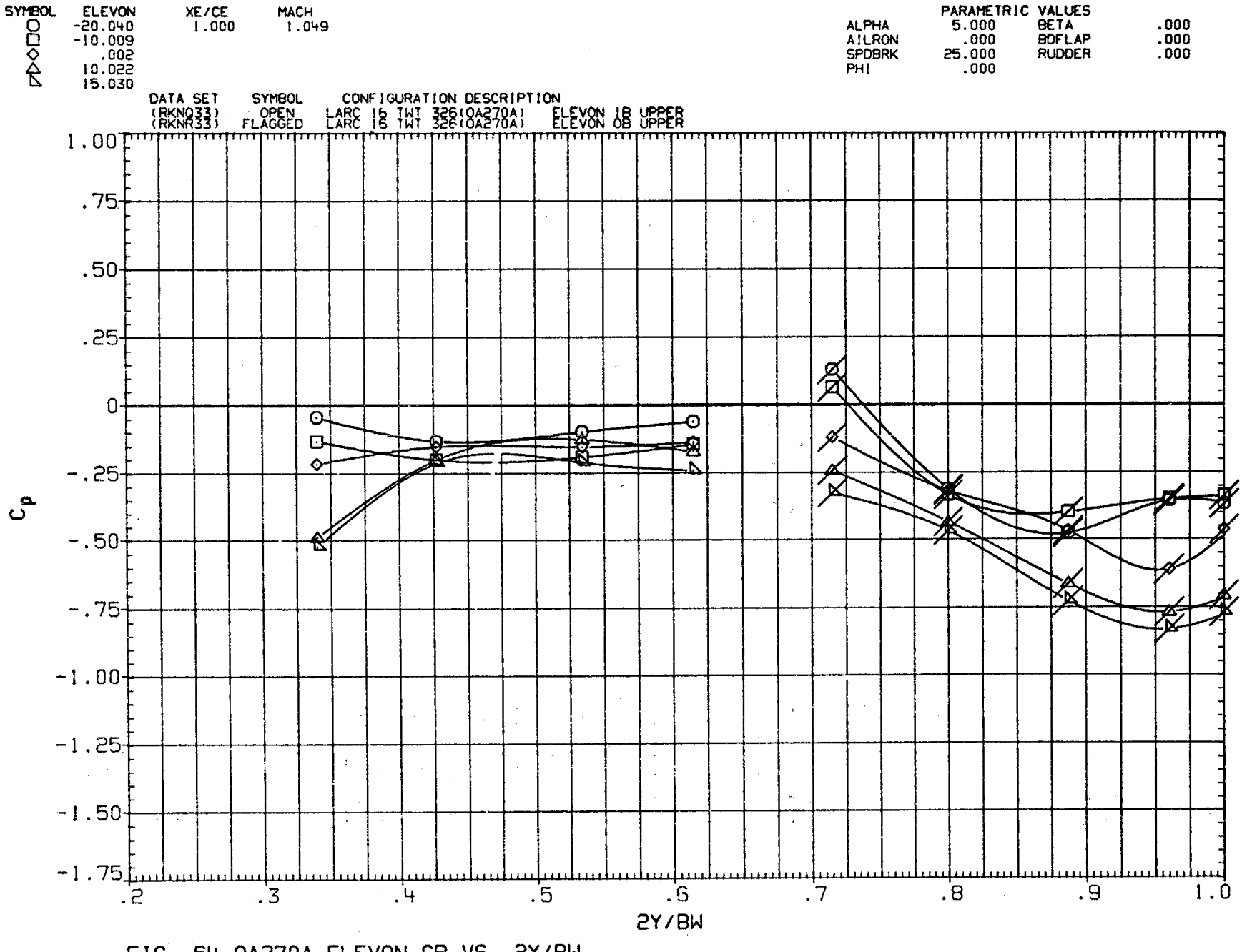


FIG. 64 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.200	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNO[ ])	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB UPPER
(RKNR[ ])	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB UPPER

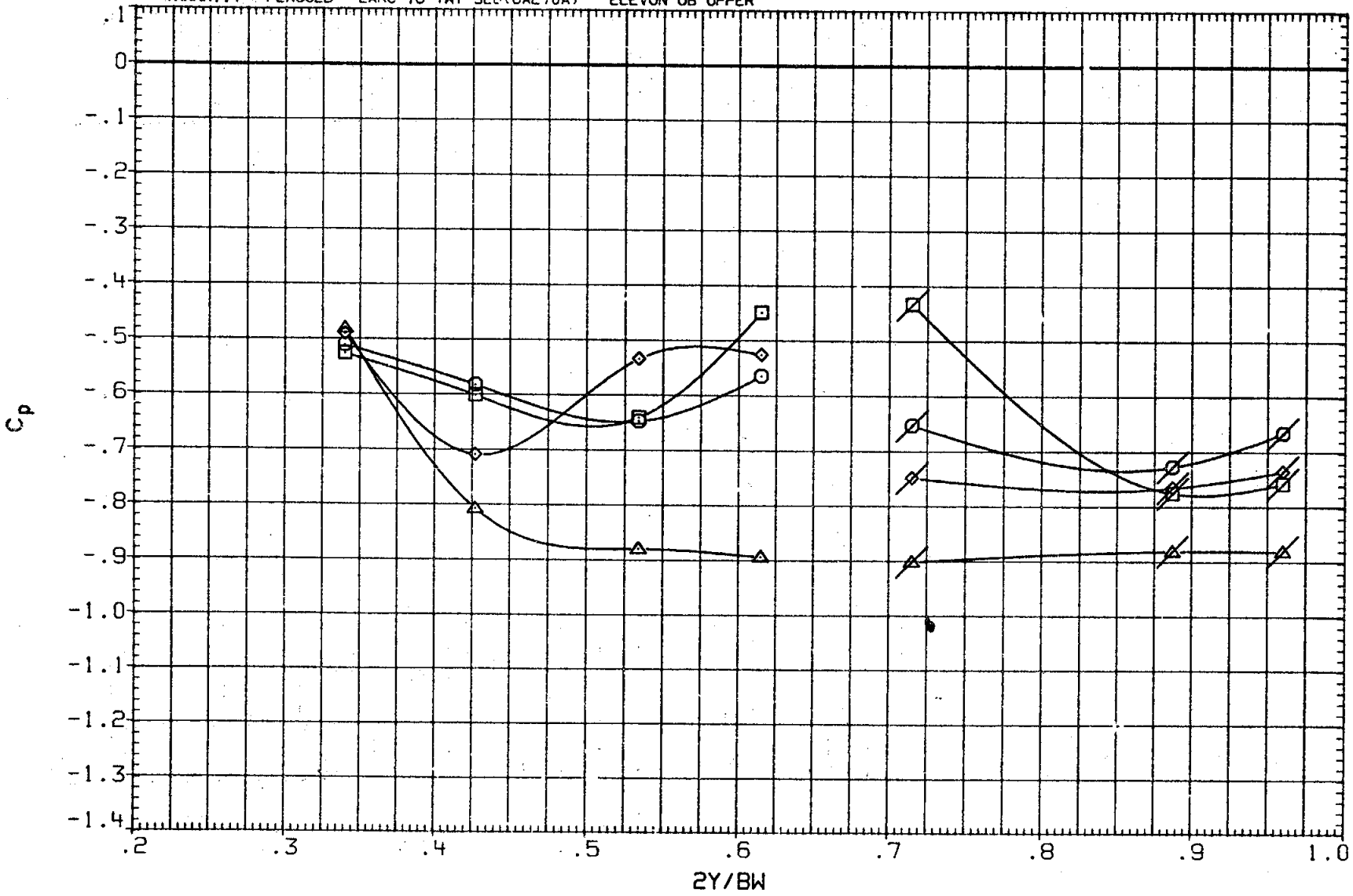


FIG. 65 OA270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.400	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ[ ])	OPEN	LARC 16 TWT 326(0A270A)	ELEVON 18 UPPER
(RKNR[ ])	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON 08 UPPER

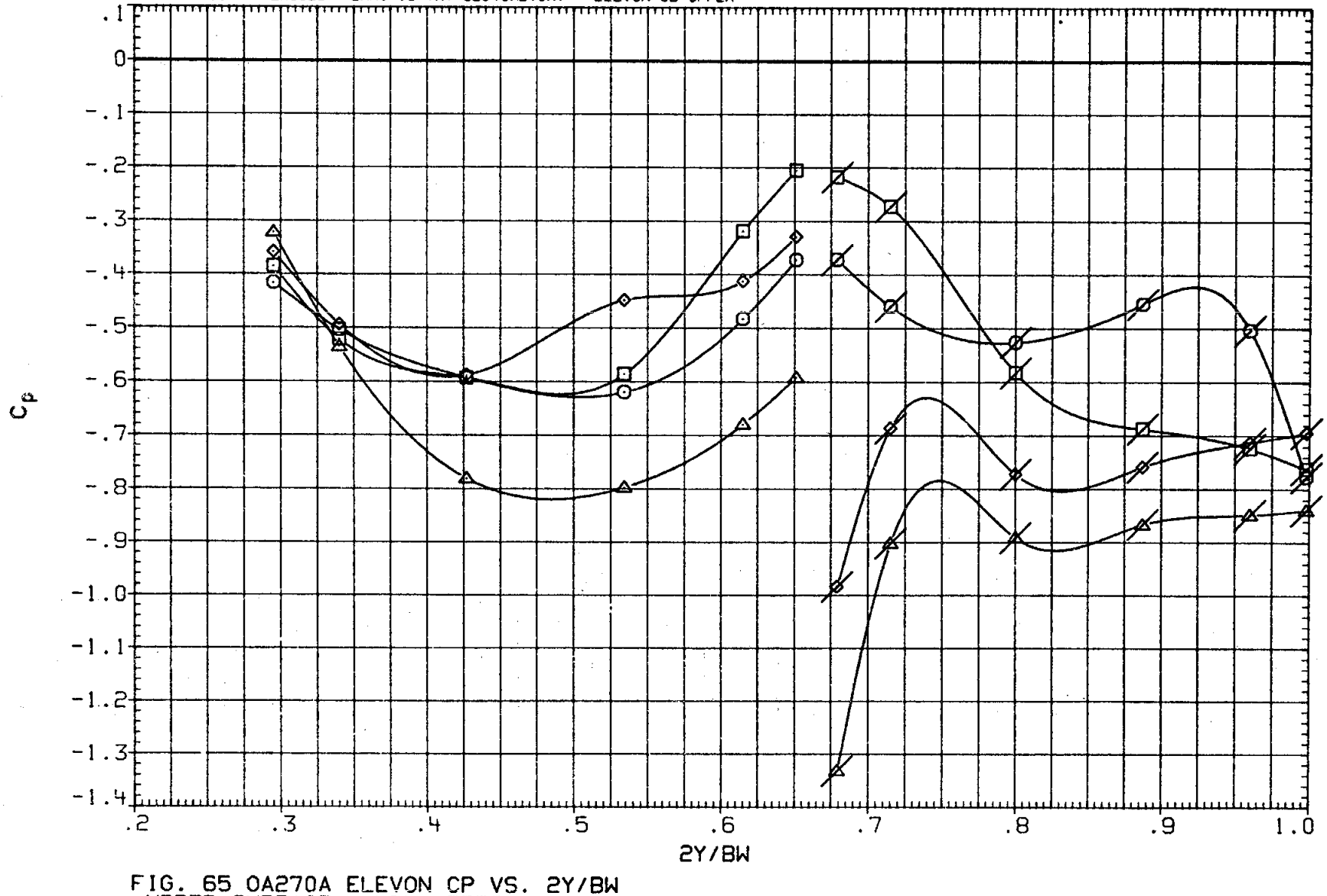


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.600	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNO1)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR1)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

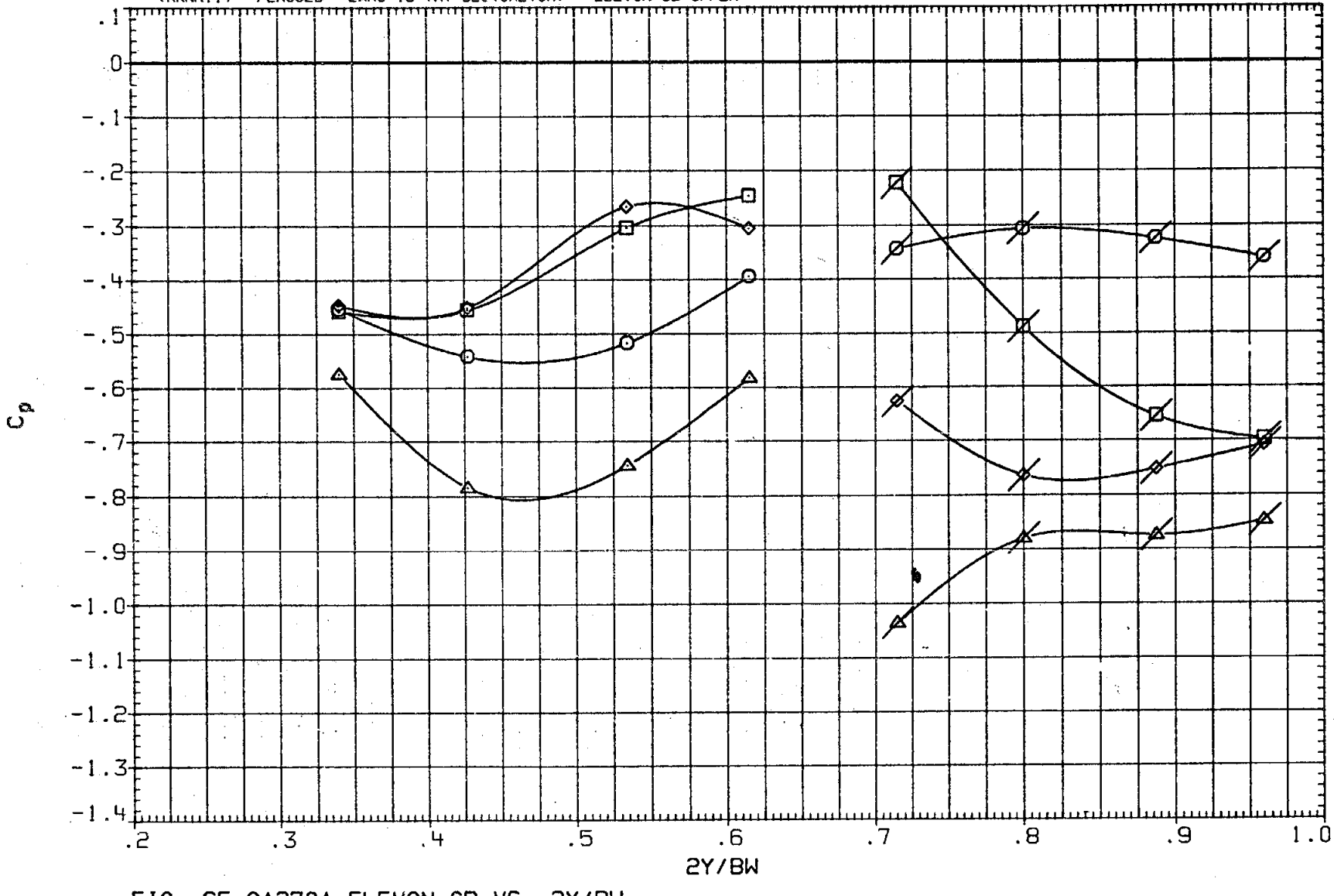


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.800	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ[])	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR[])	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

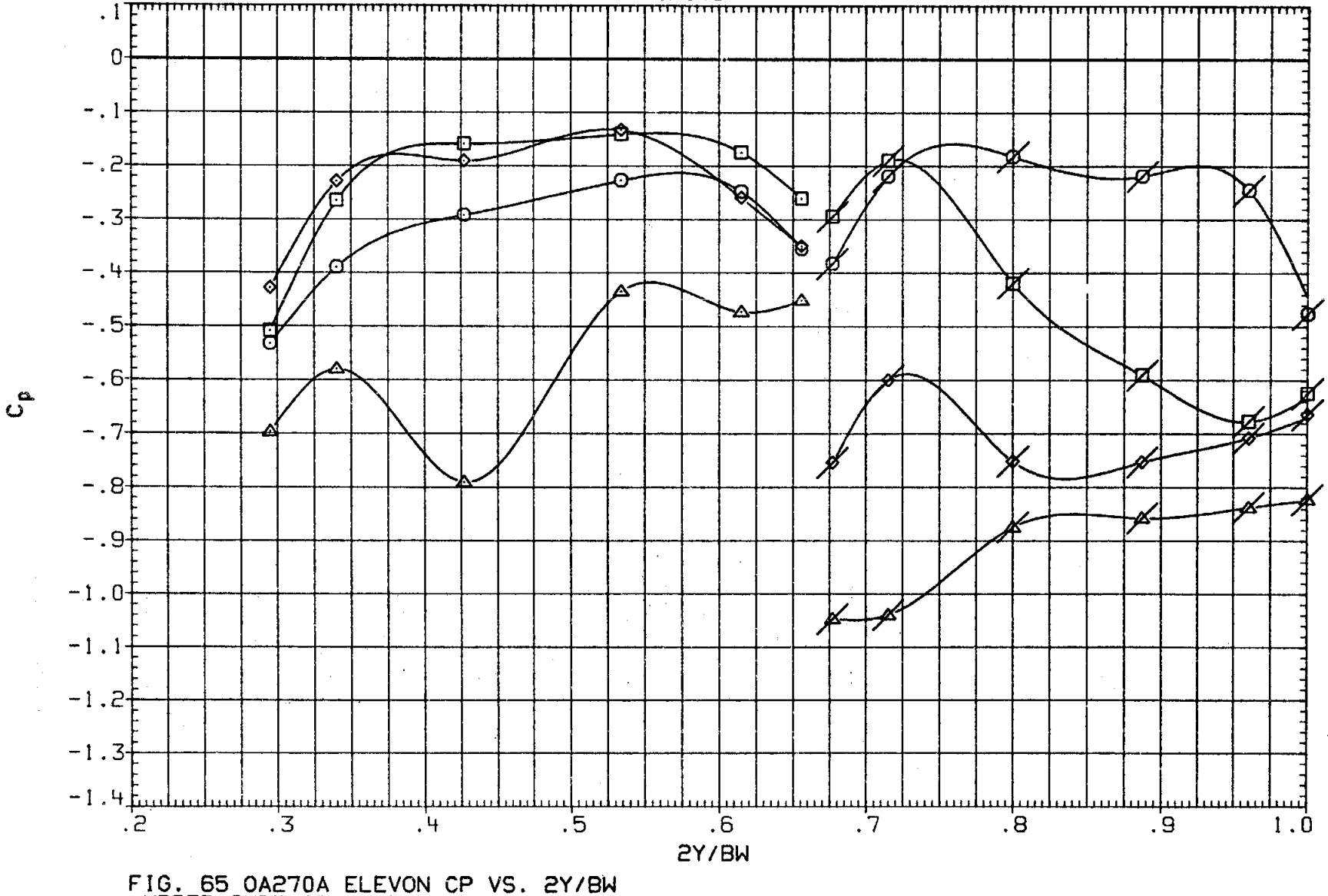


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	1.000	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ[1])	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR[1])	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

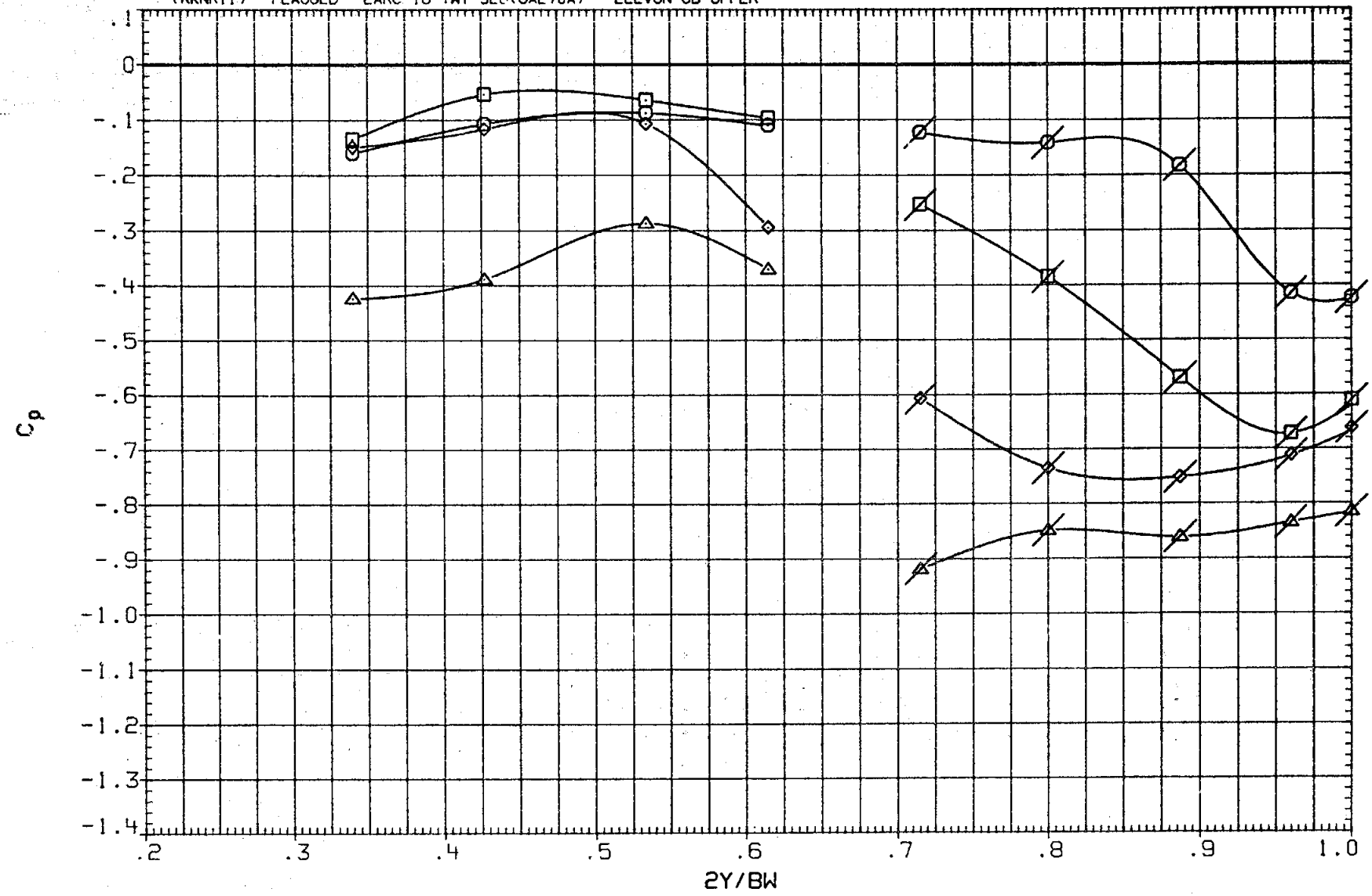


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.200	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ11)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR11)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

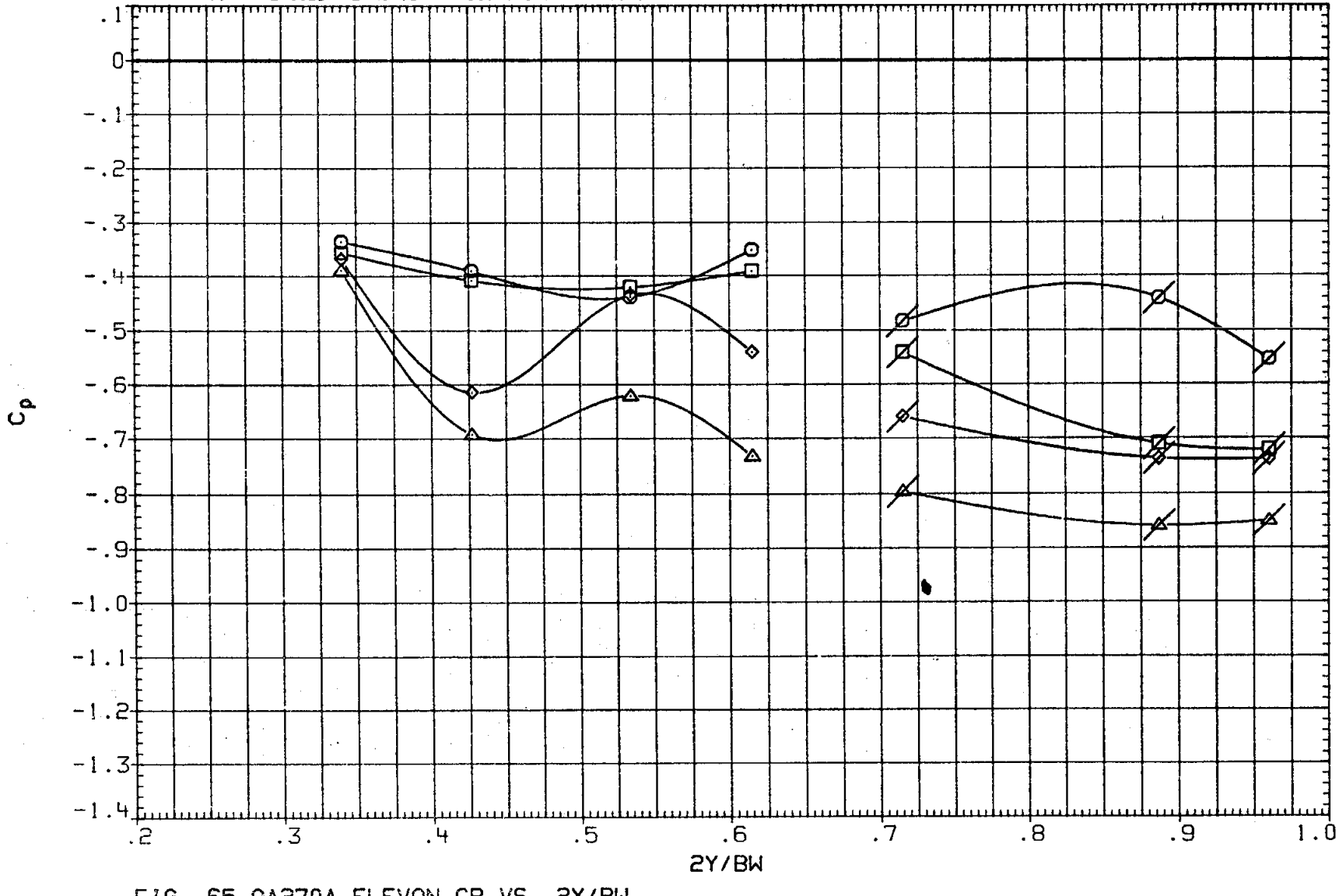


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.400	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ[])	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR[])	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

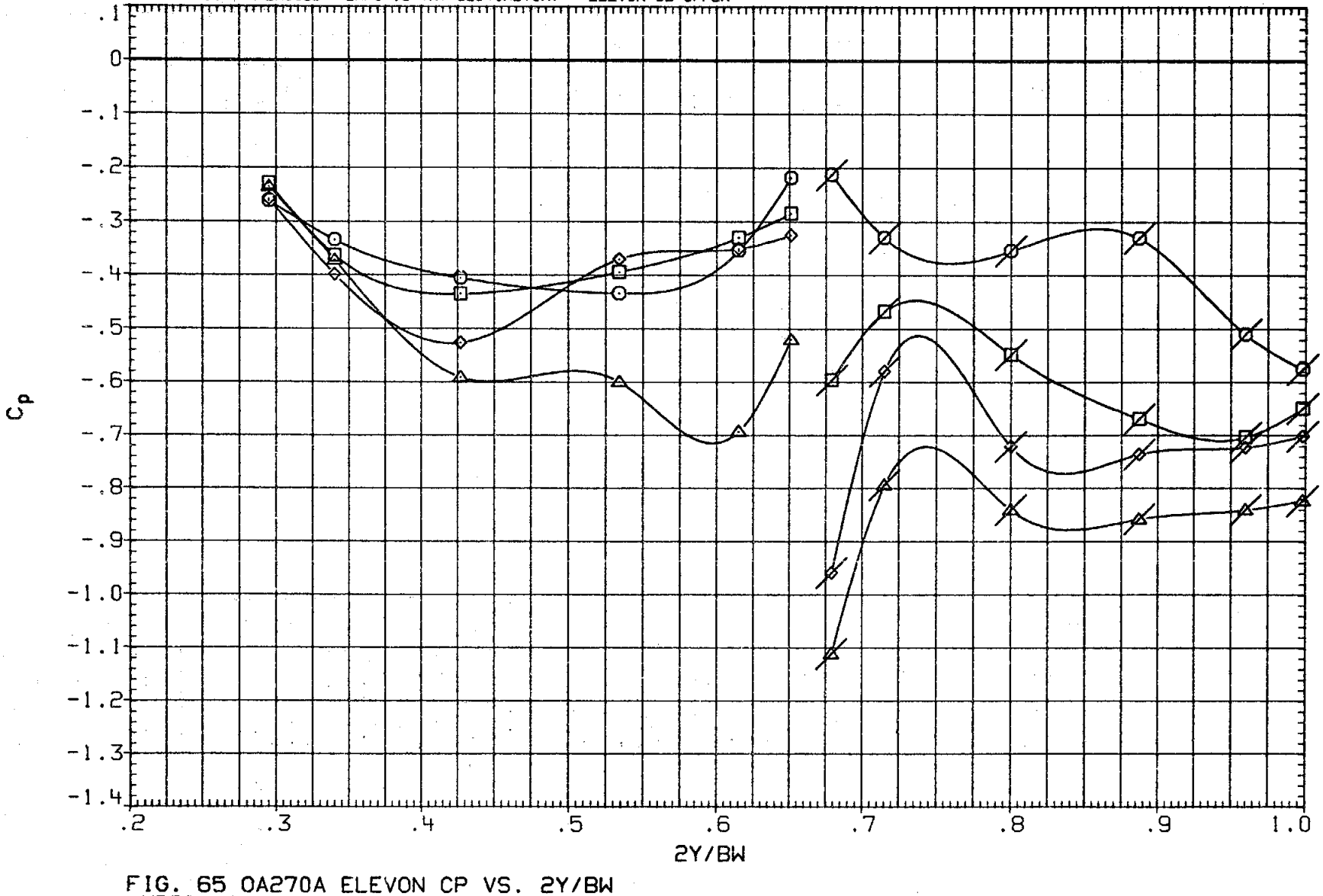


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.600	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ1)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR1)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

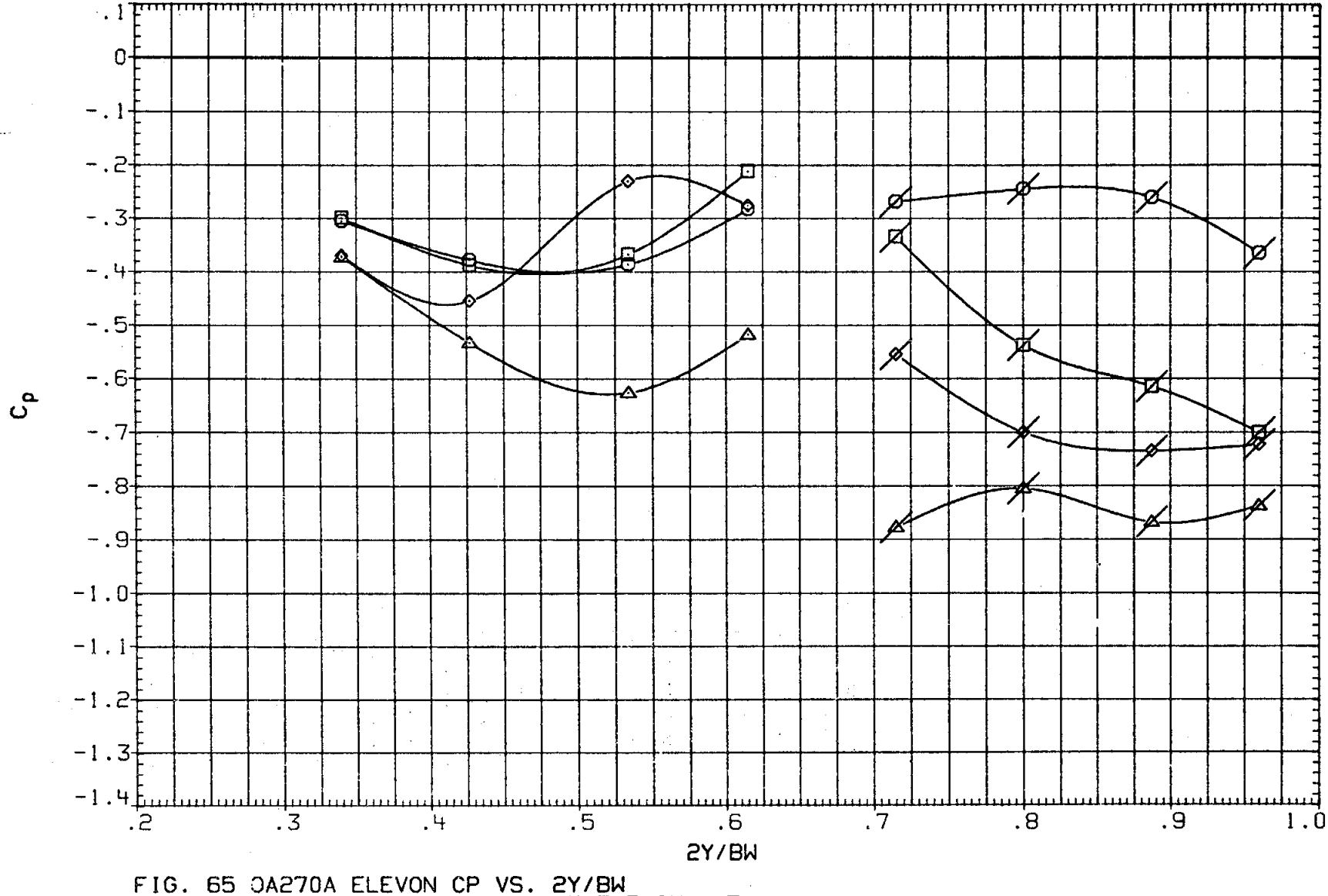


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.800	1.049
□	5.098		
◇	10.113		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ11)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR11)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

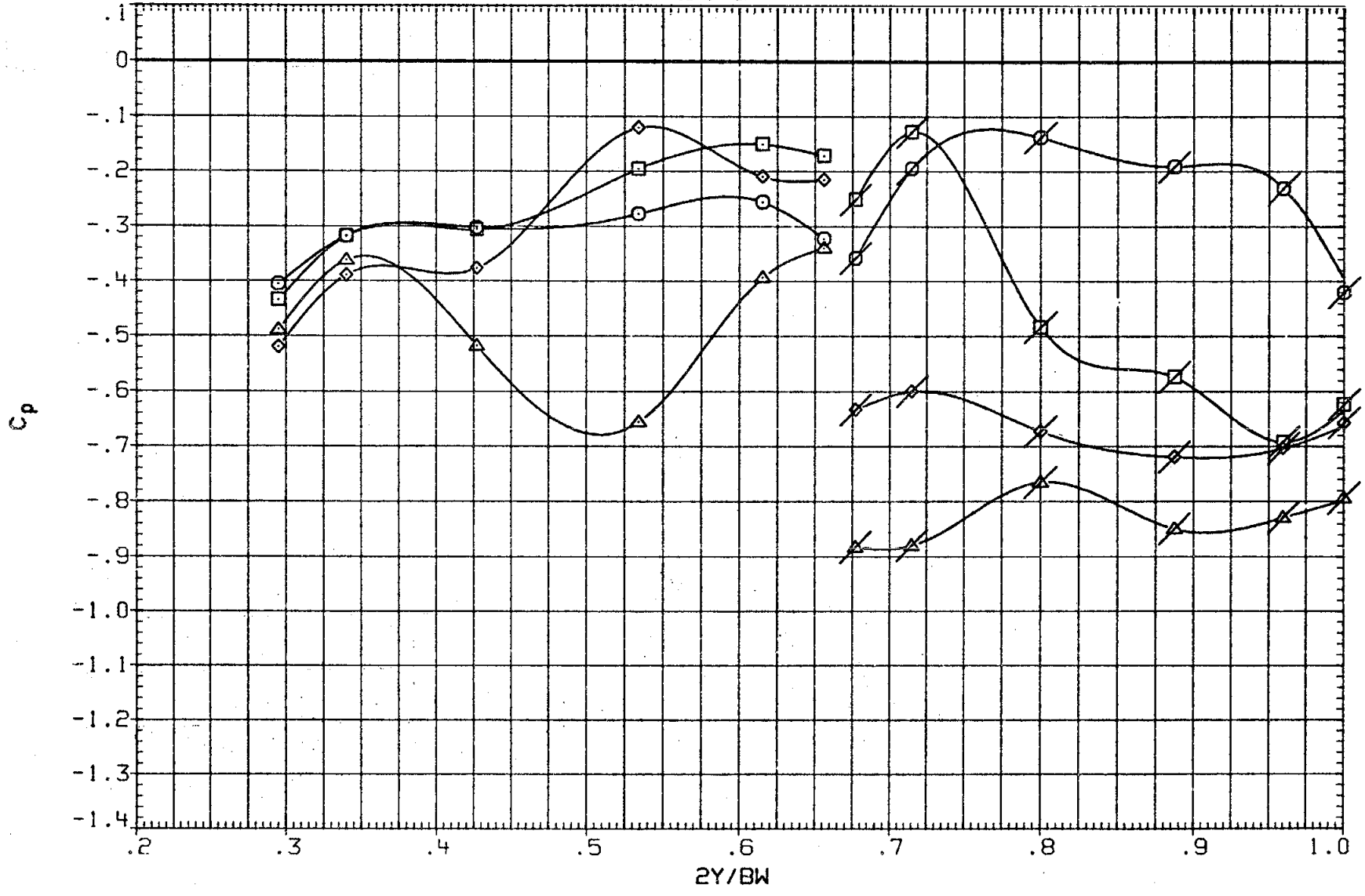


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	1.000	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ1)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR1)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

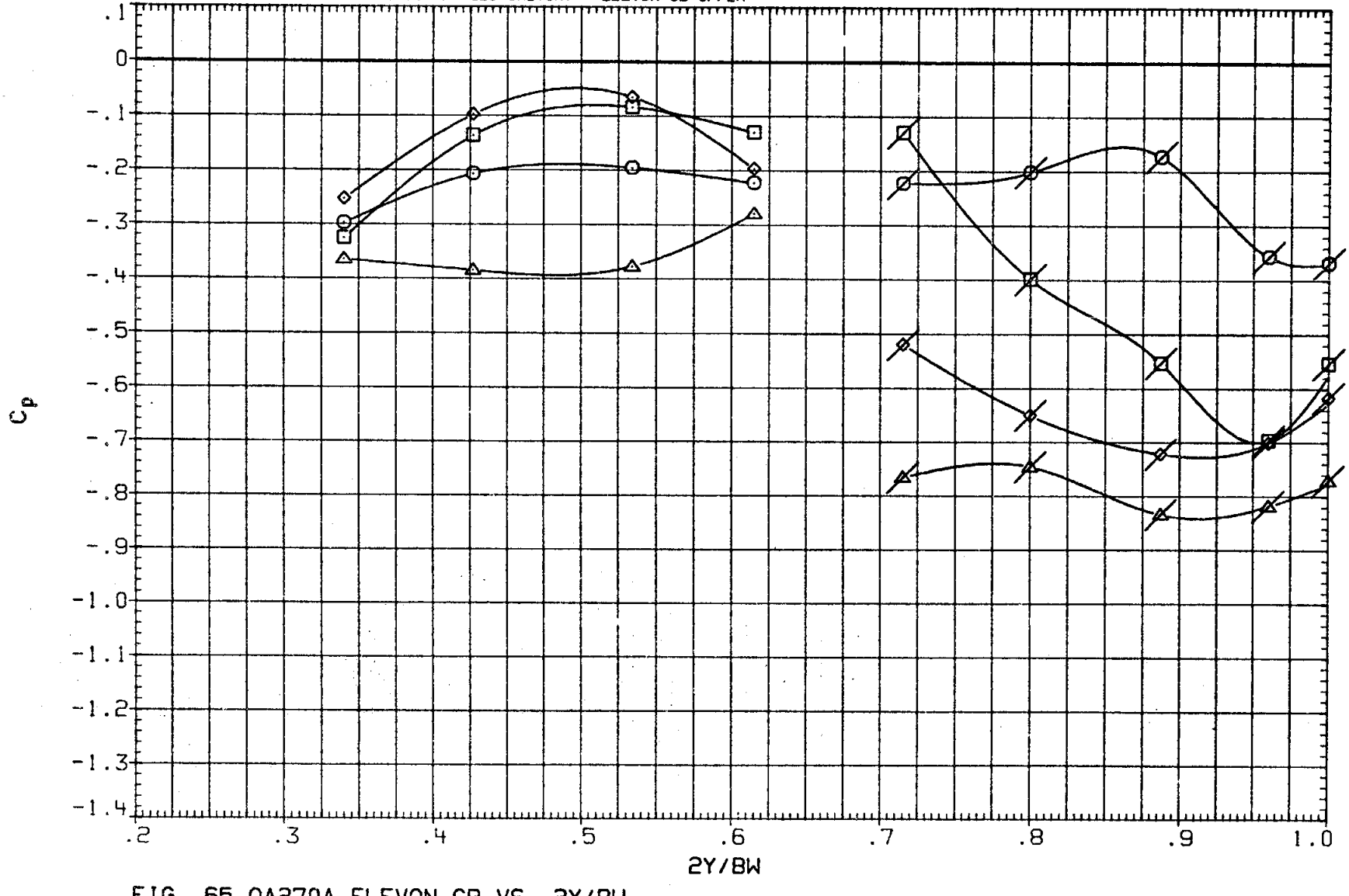


FIG. 65 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = 5

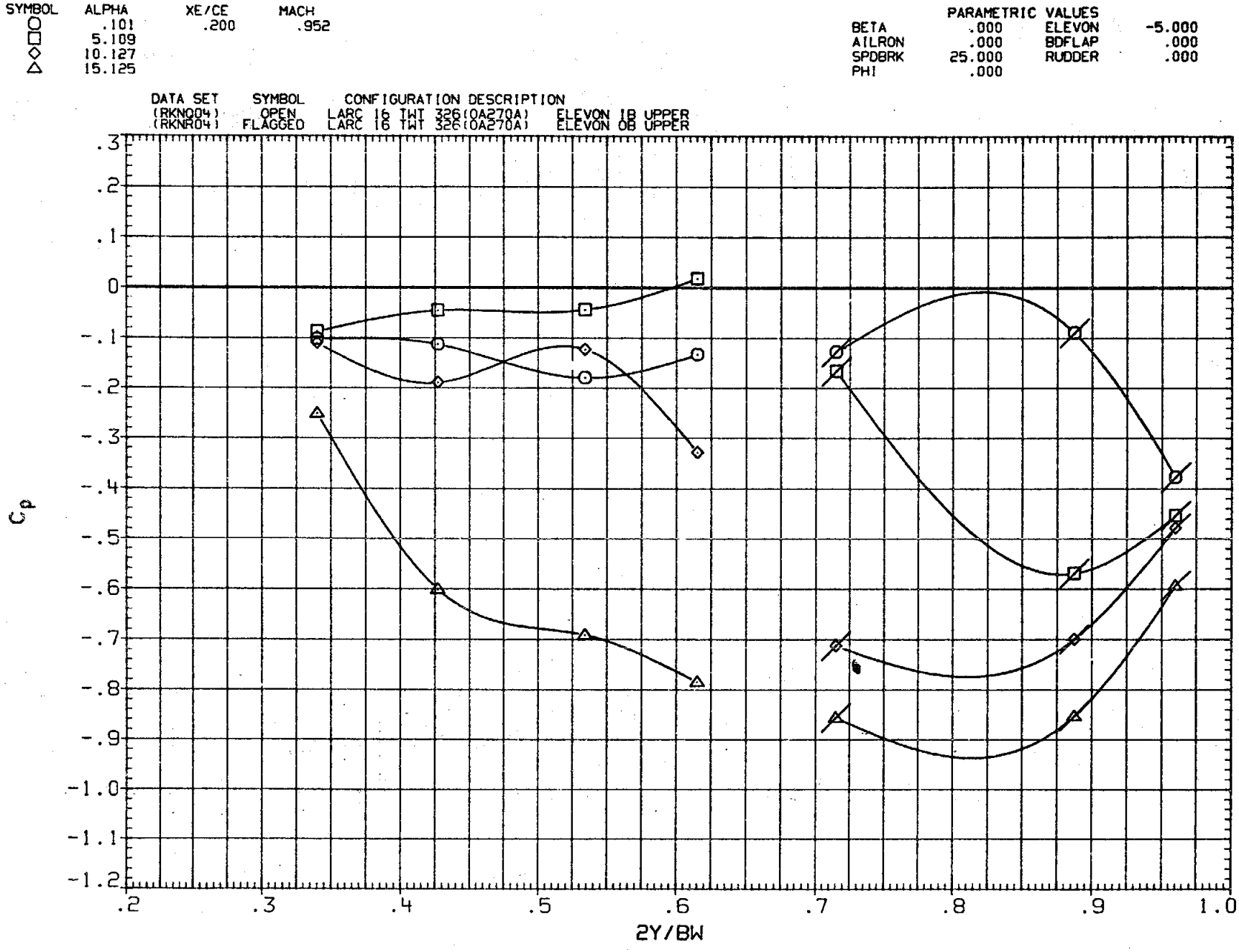


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	.400	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES			
BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ04)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

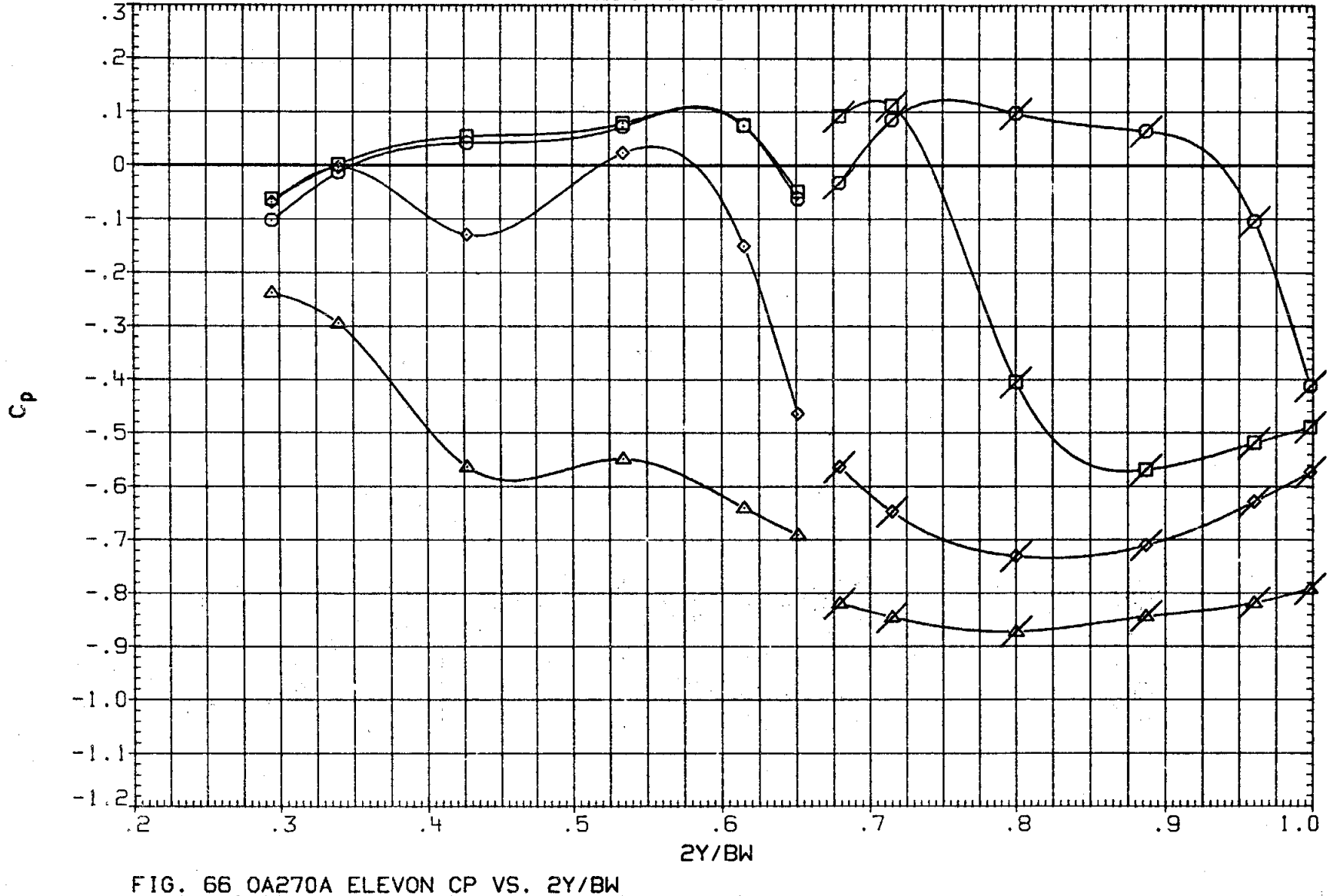


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

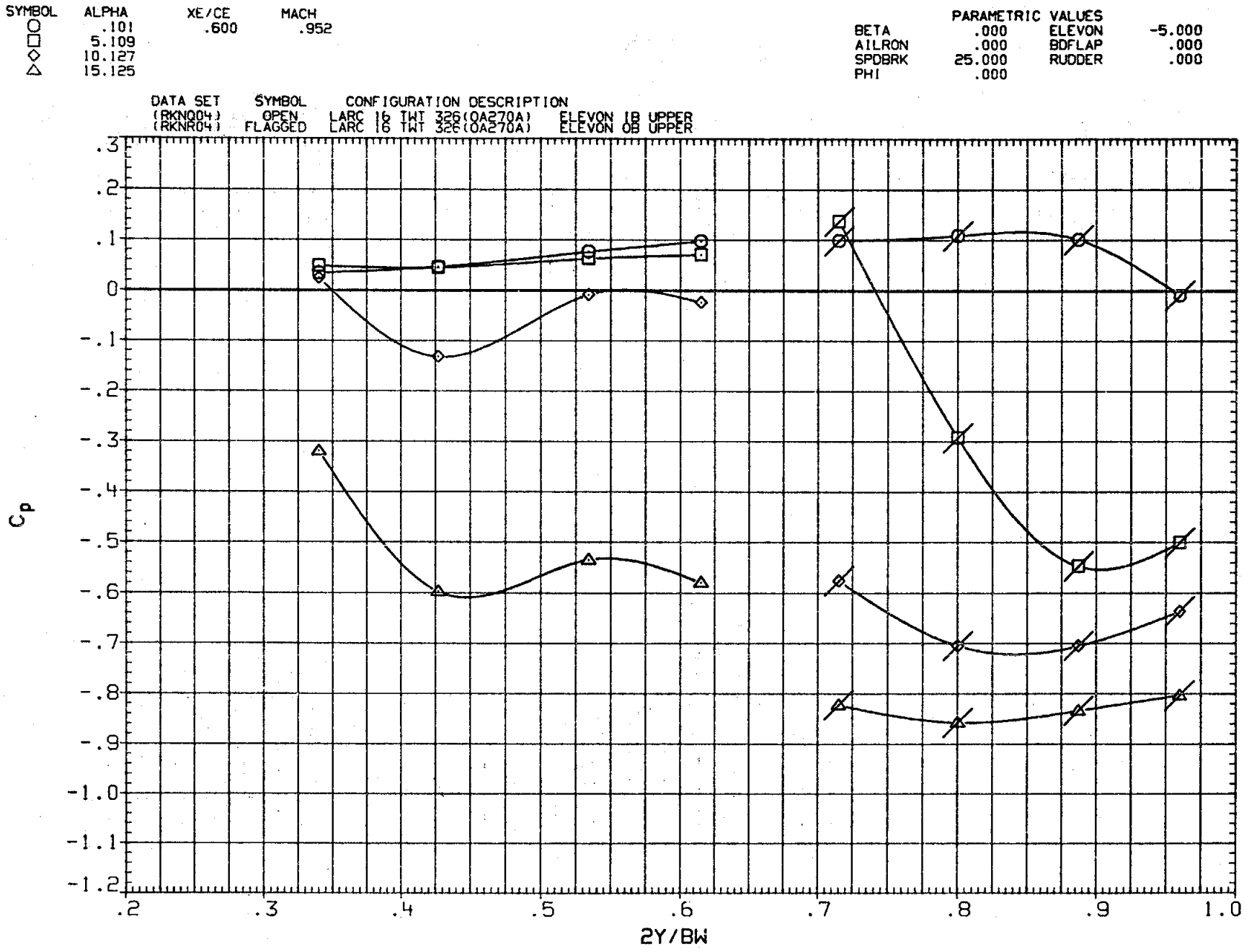


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	.800	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB UPPER

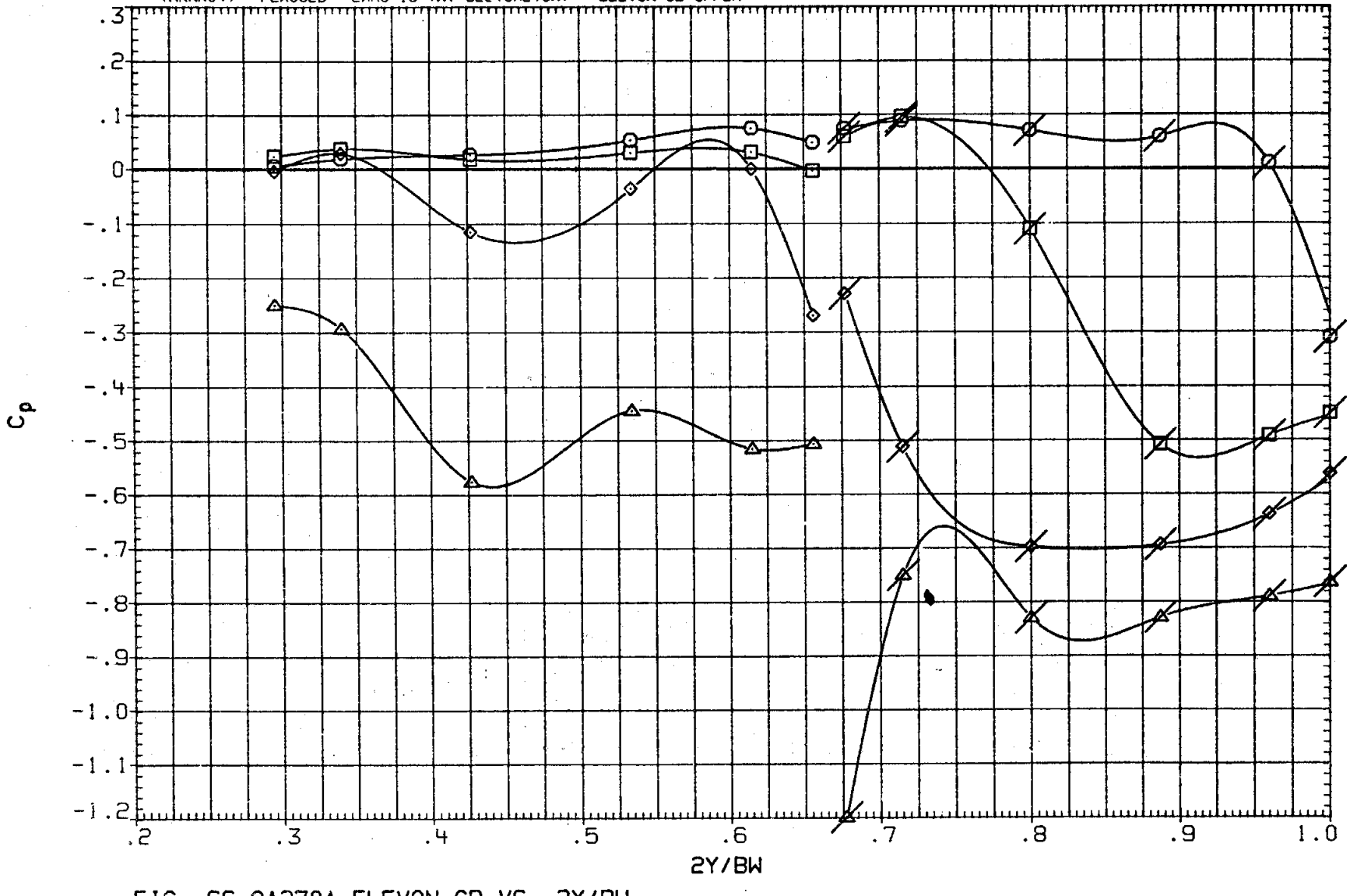


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	1.000	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKN004)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

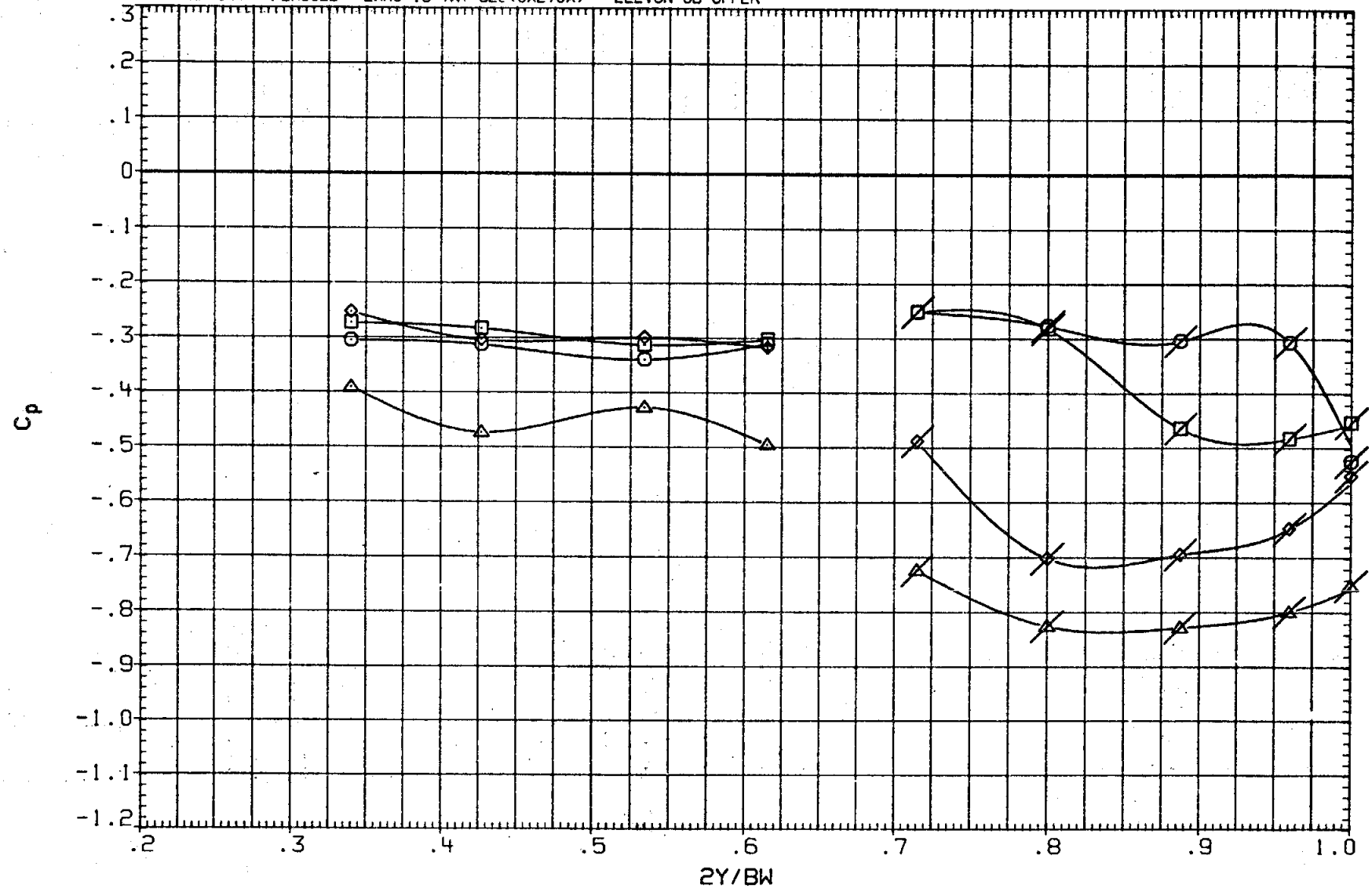


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	.200	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNQ04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON 1B UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON 0B UPPER

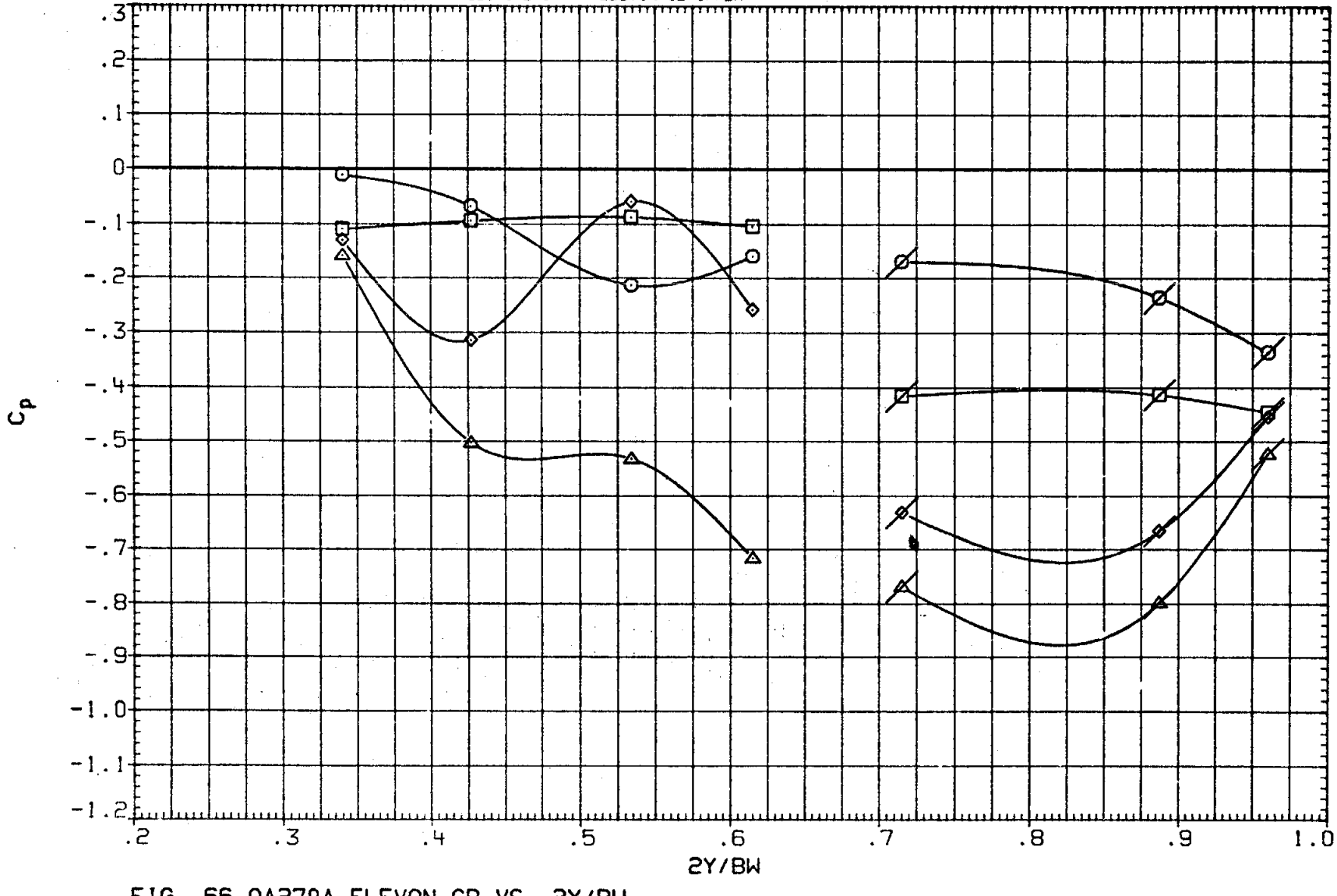


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	.400	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKN004)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

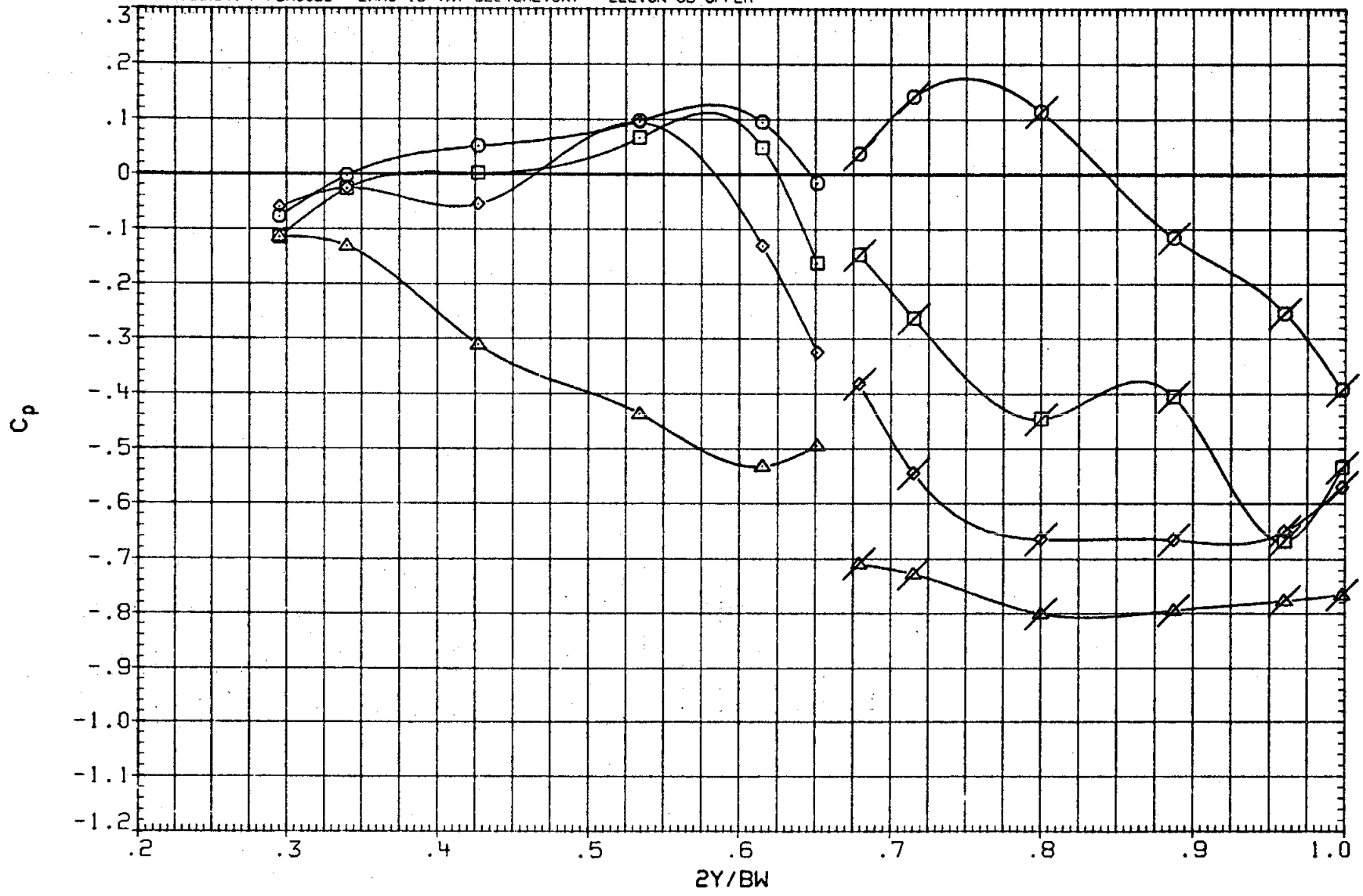


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	.600	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ04)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

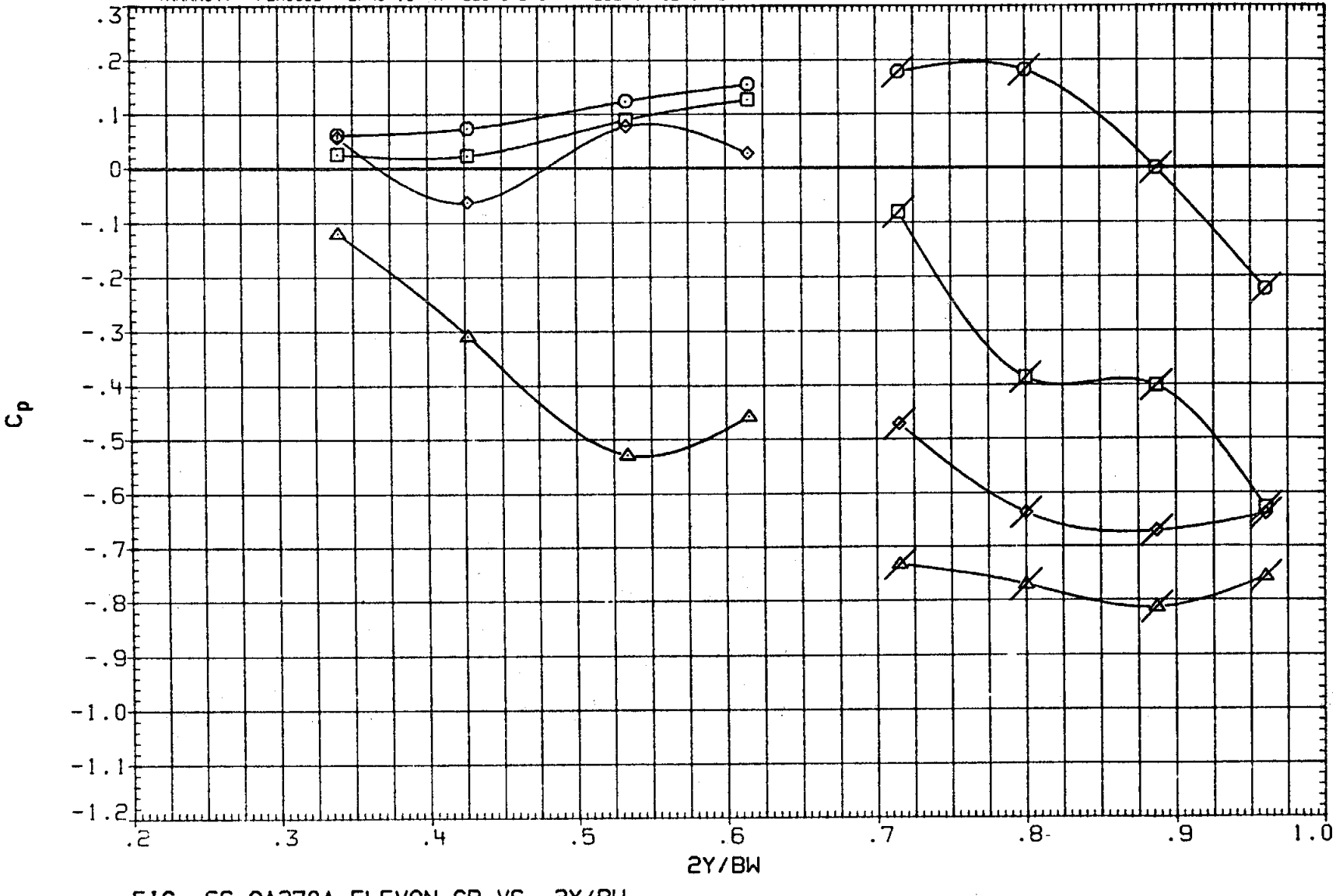


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

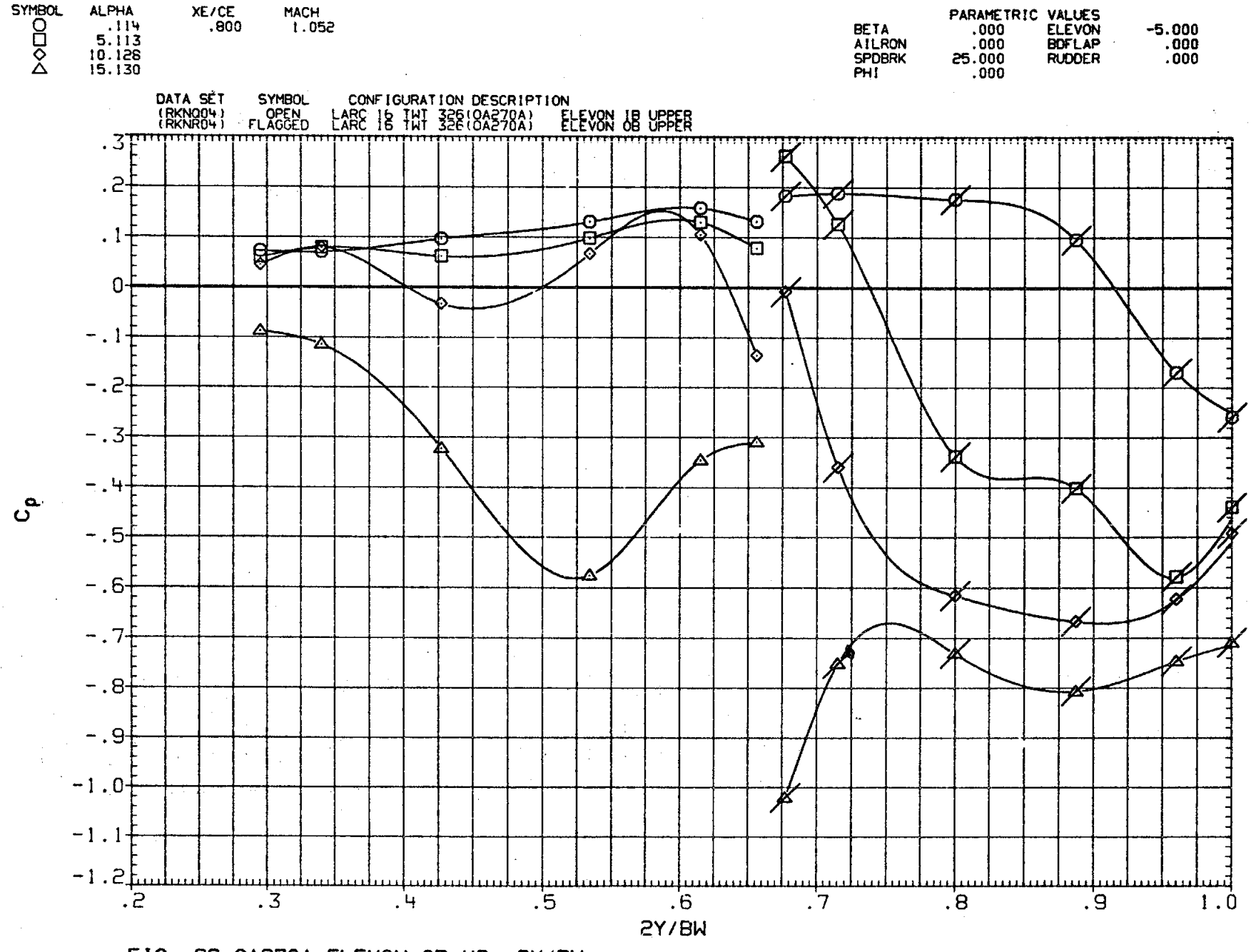


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	1.000	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNQ04)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB UPPER
(RKNR04)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB UPPER

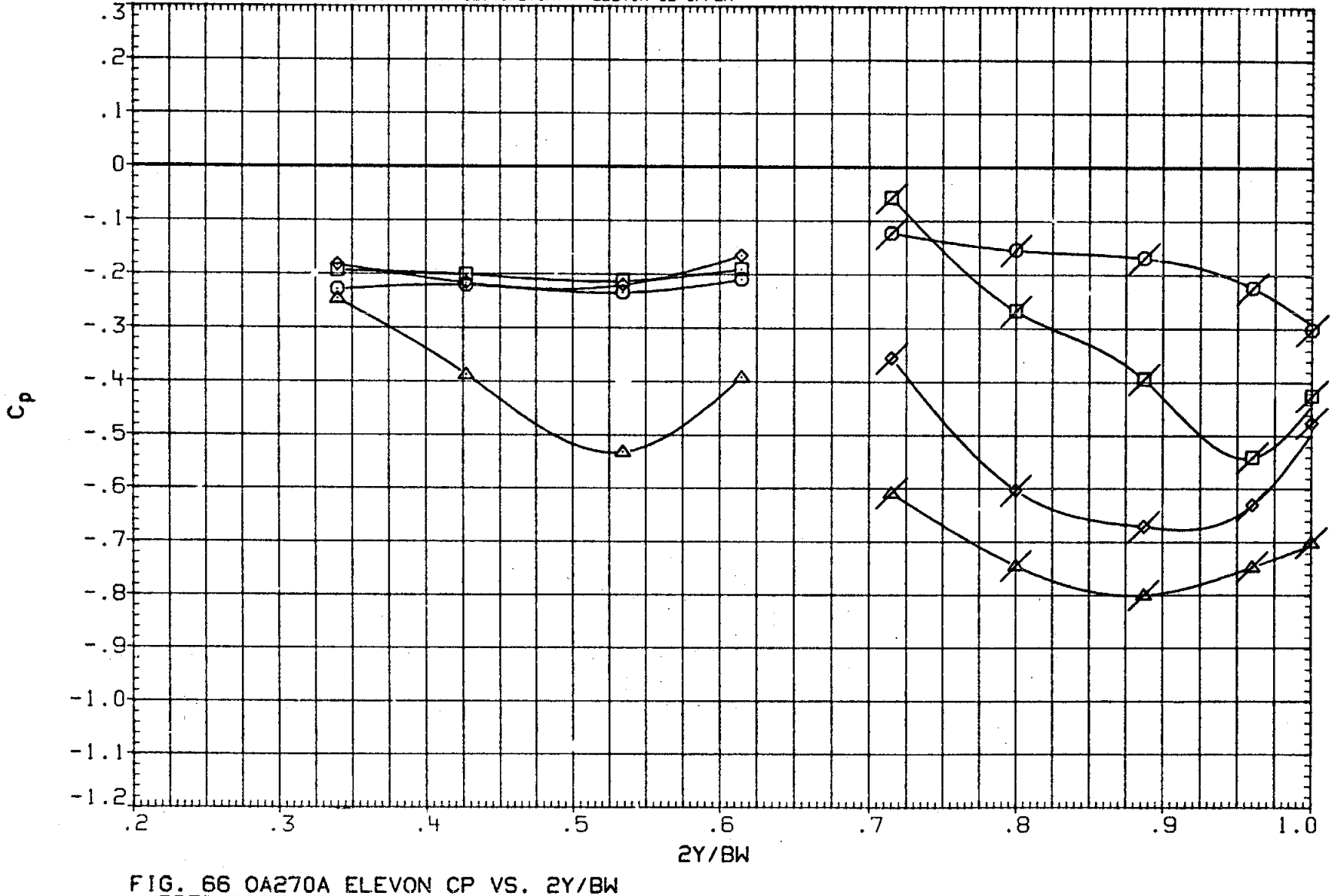


FIG. 66 0A270A ELEVON CP VS. 2Y/BW
UPPER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.097	-.100	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

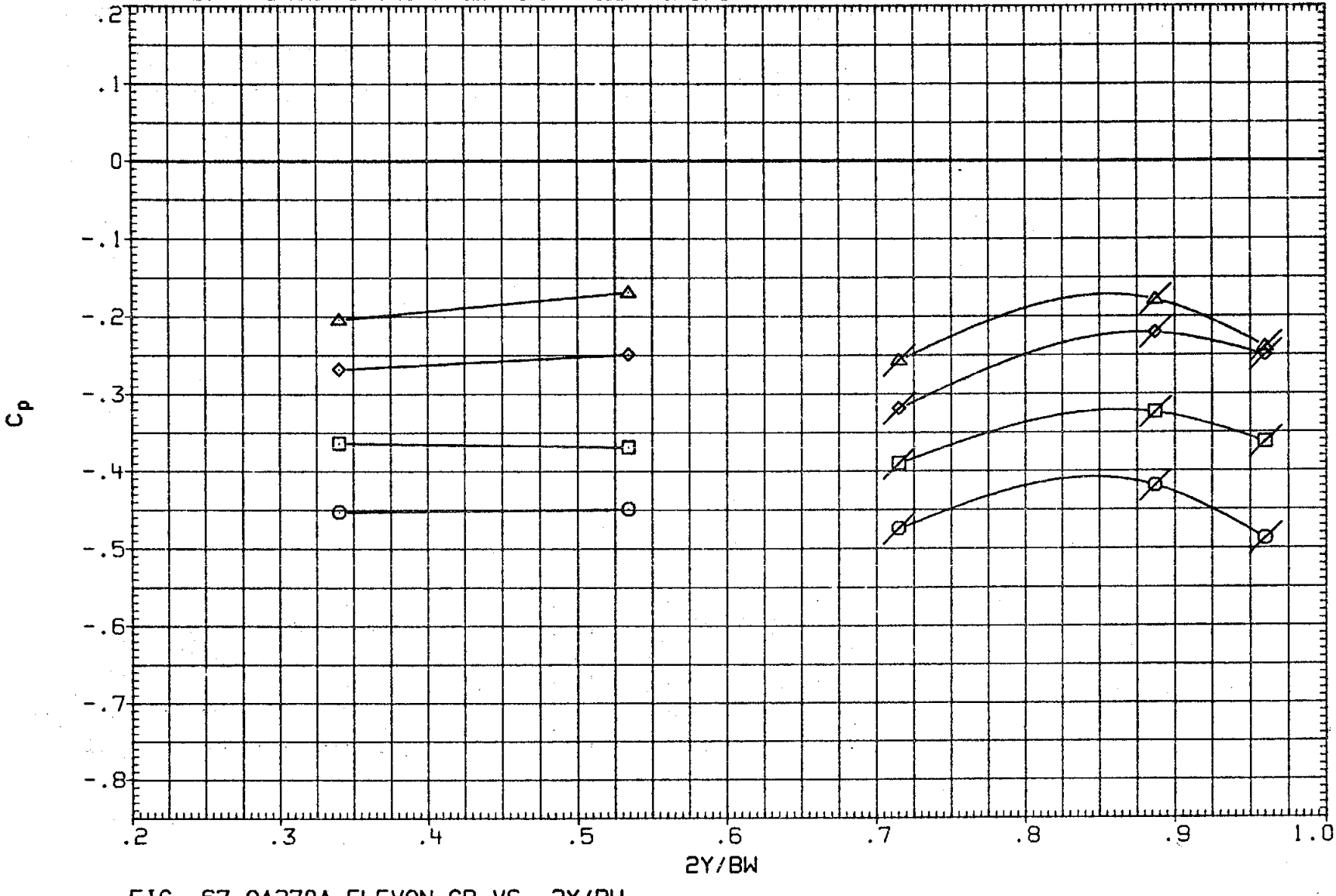


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.100	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

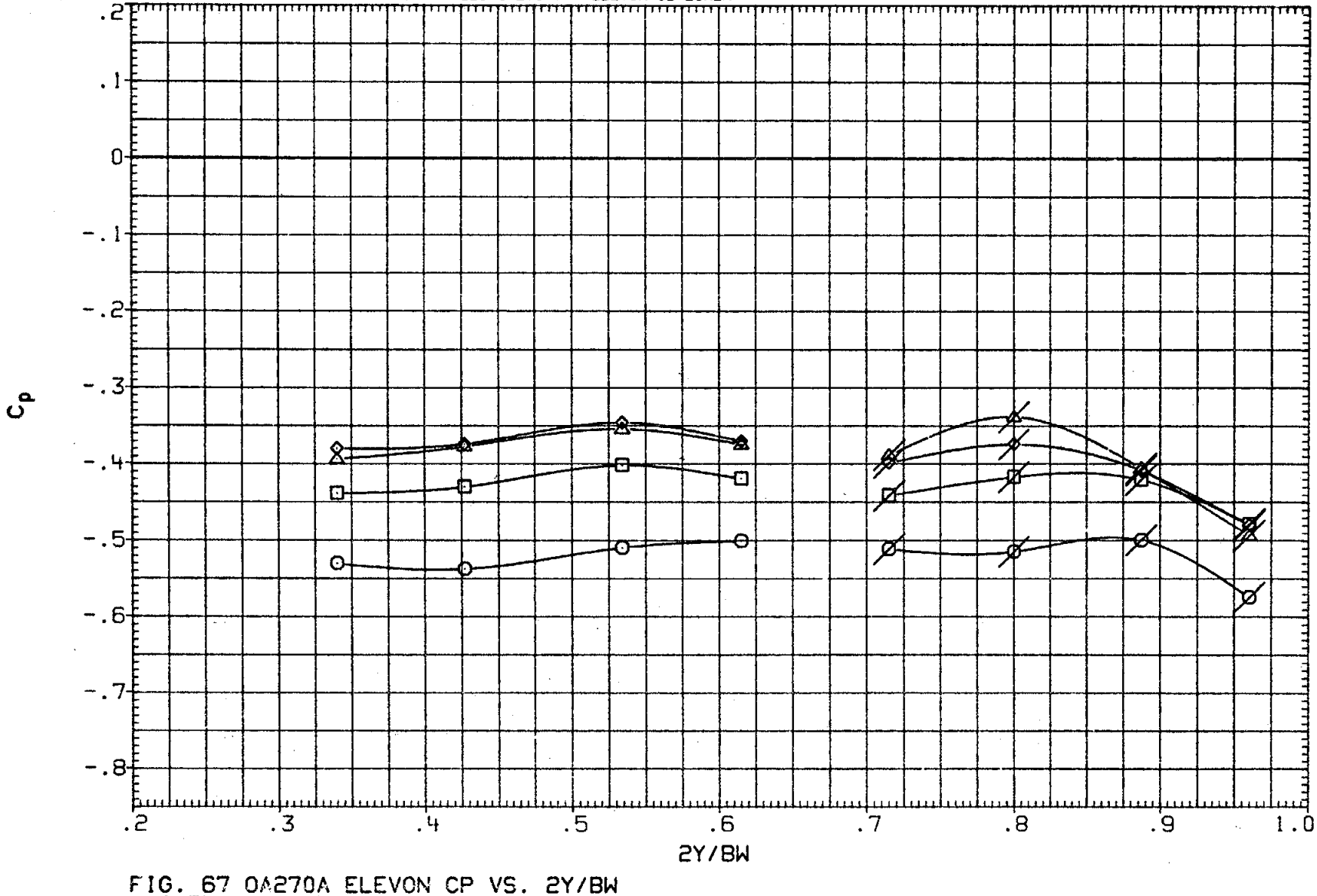


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.200	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

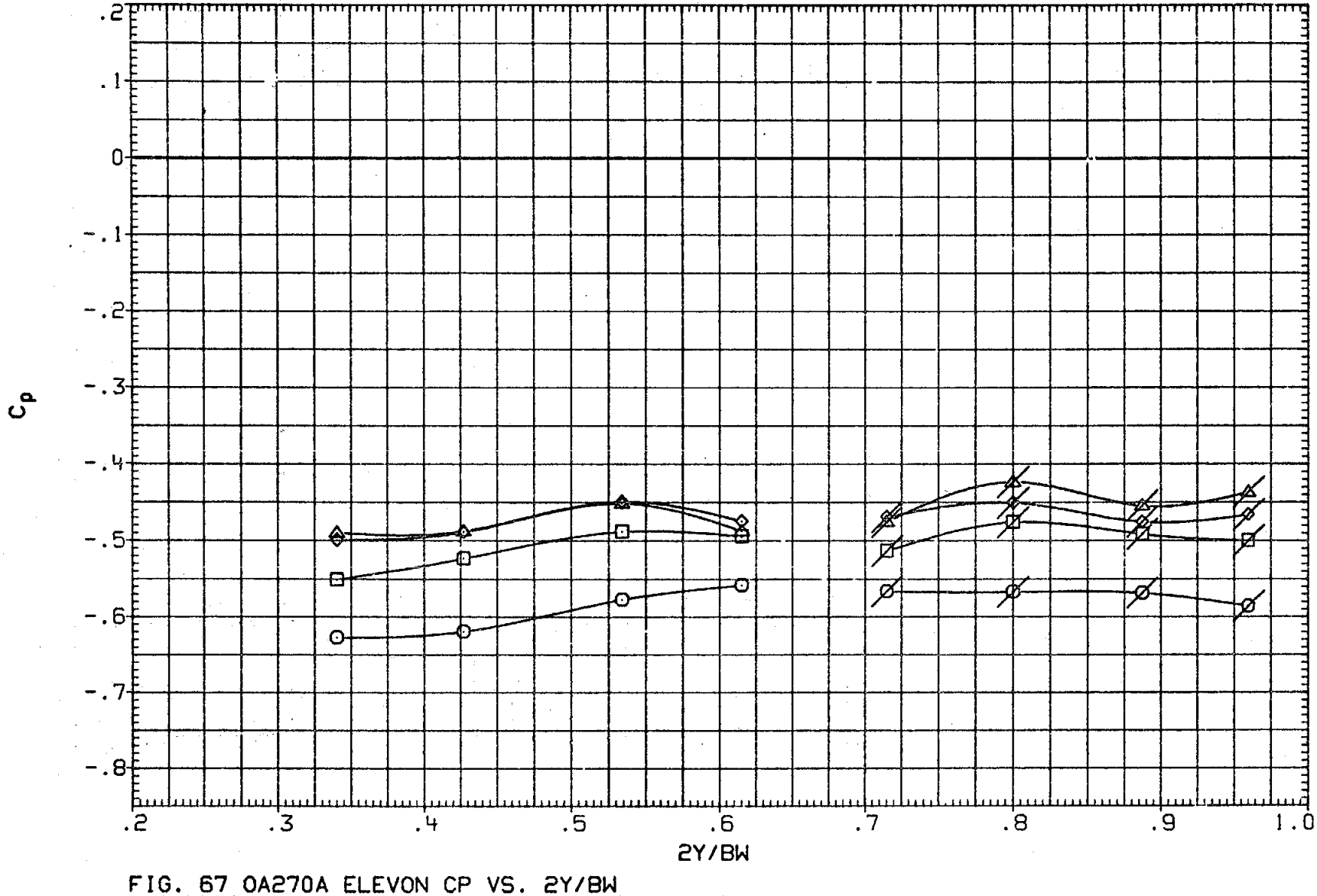


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.400	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

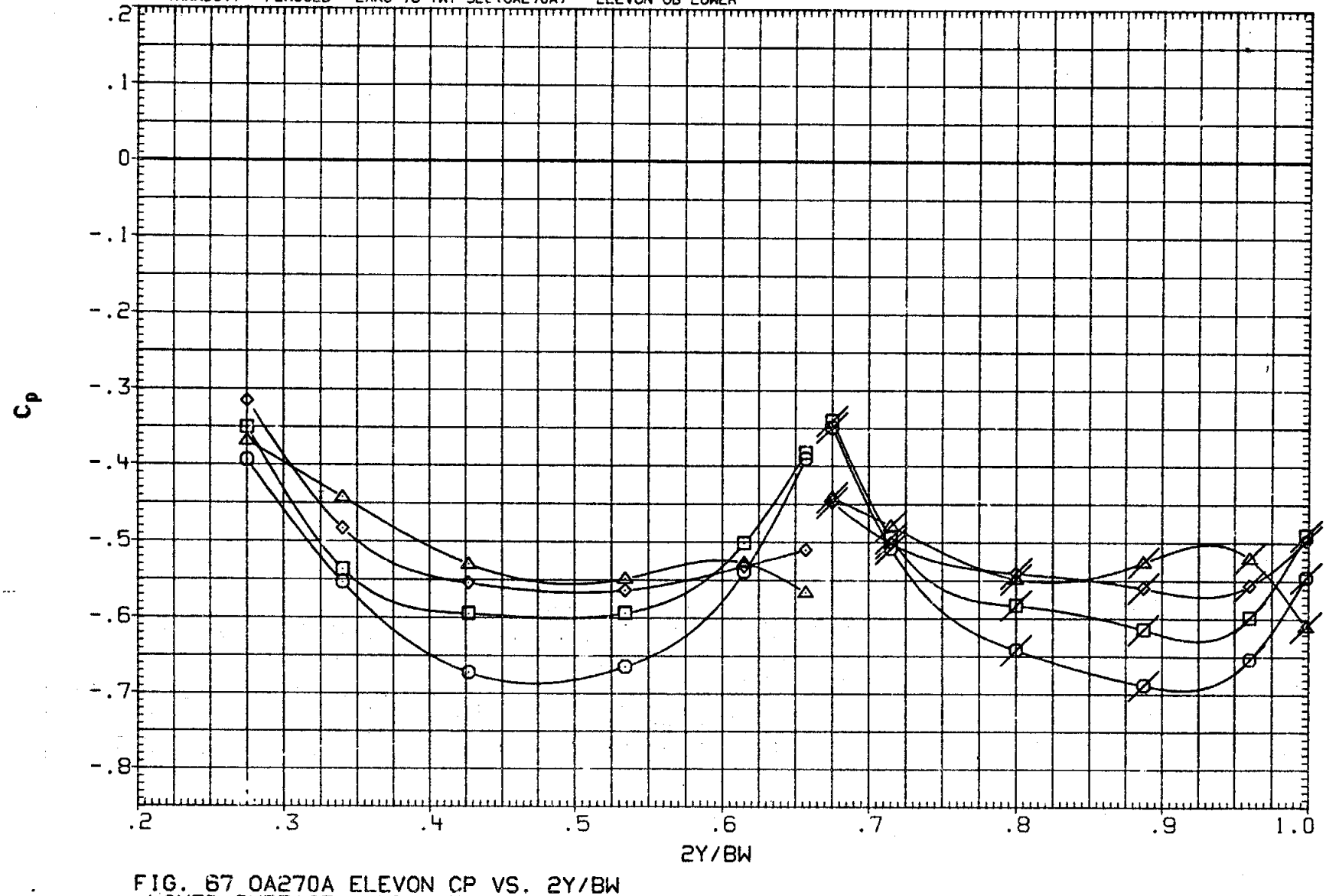


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.600	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

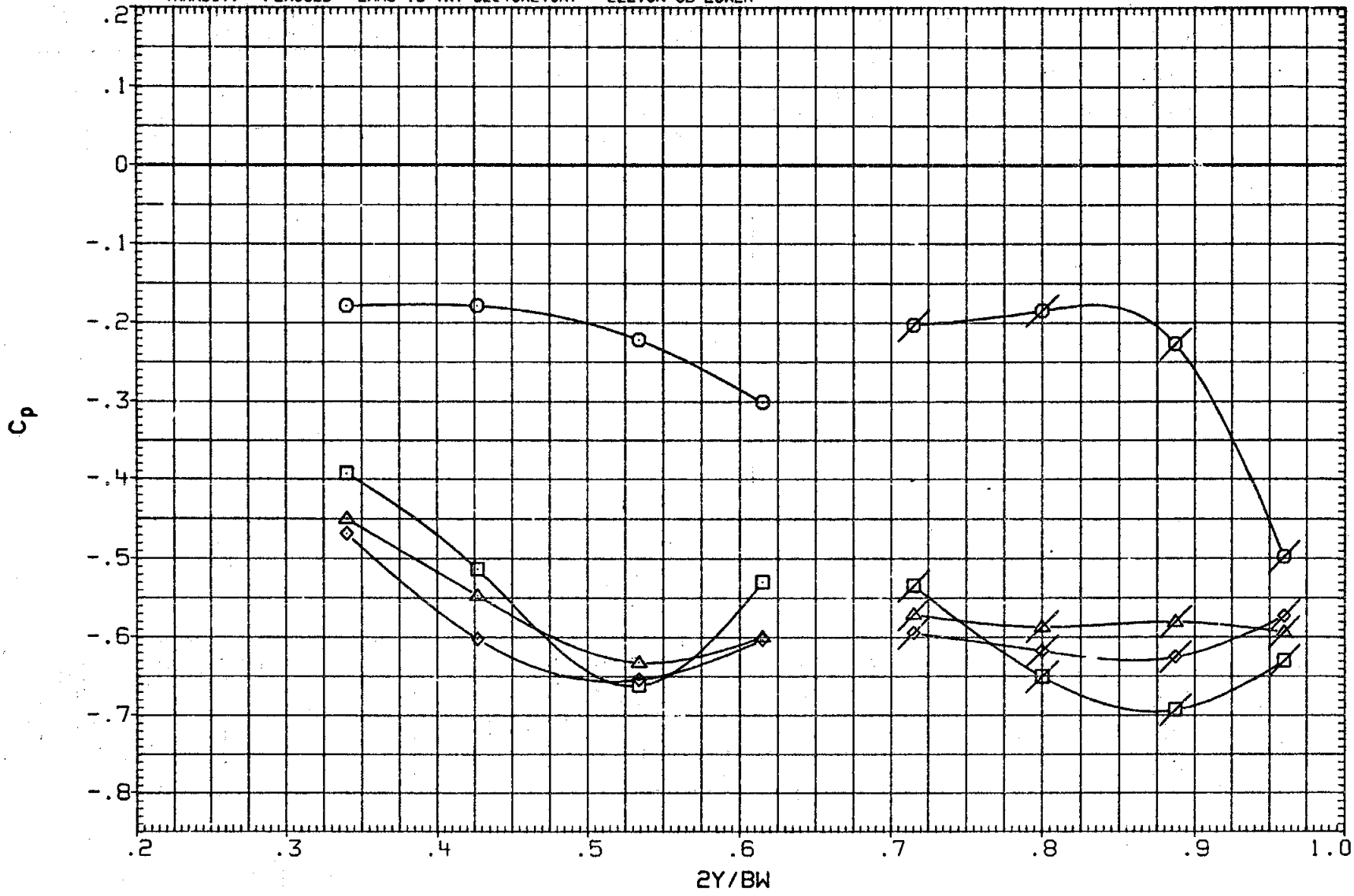


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.097	.800	.901
□	5.124		
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

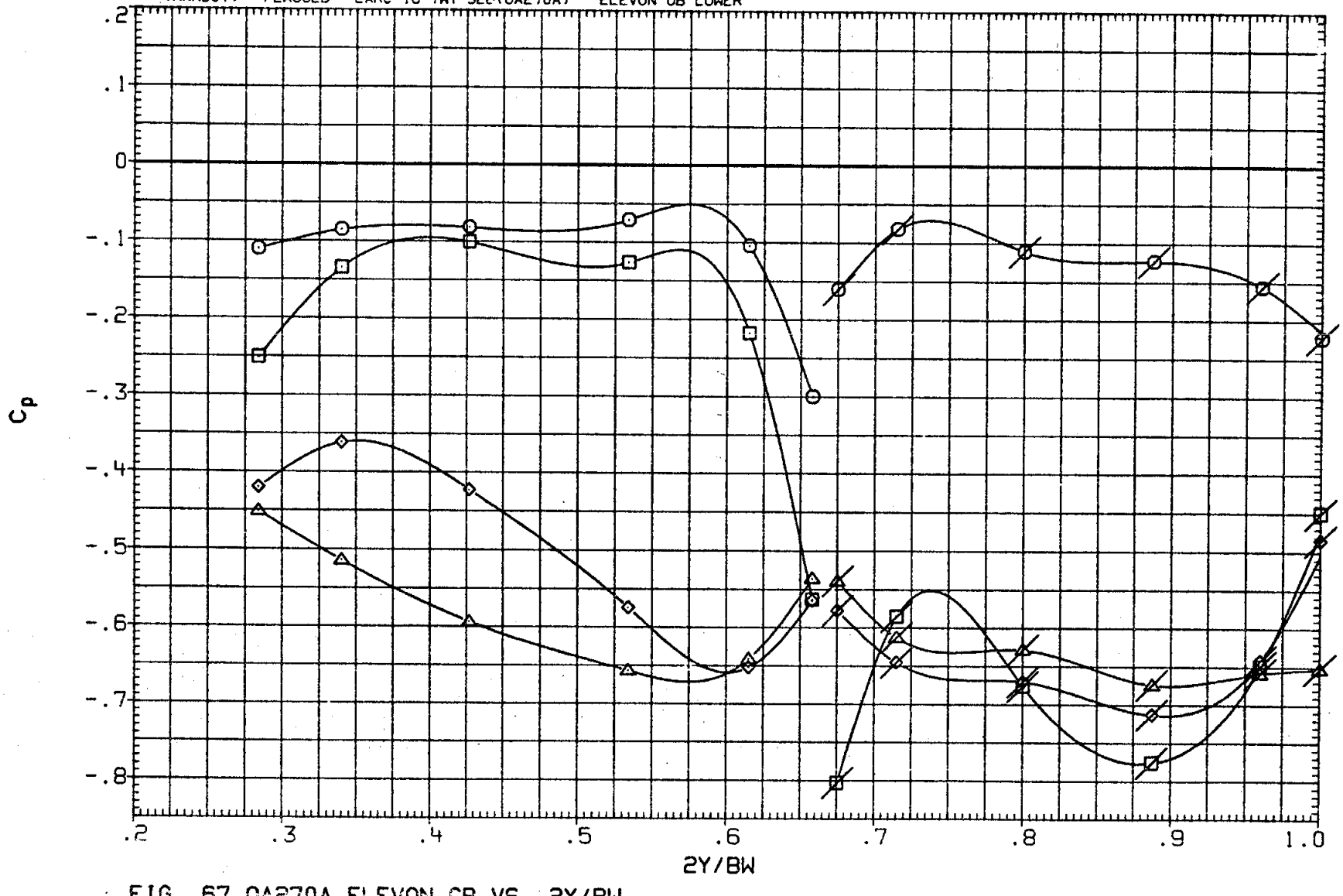


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	-.100	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

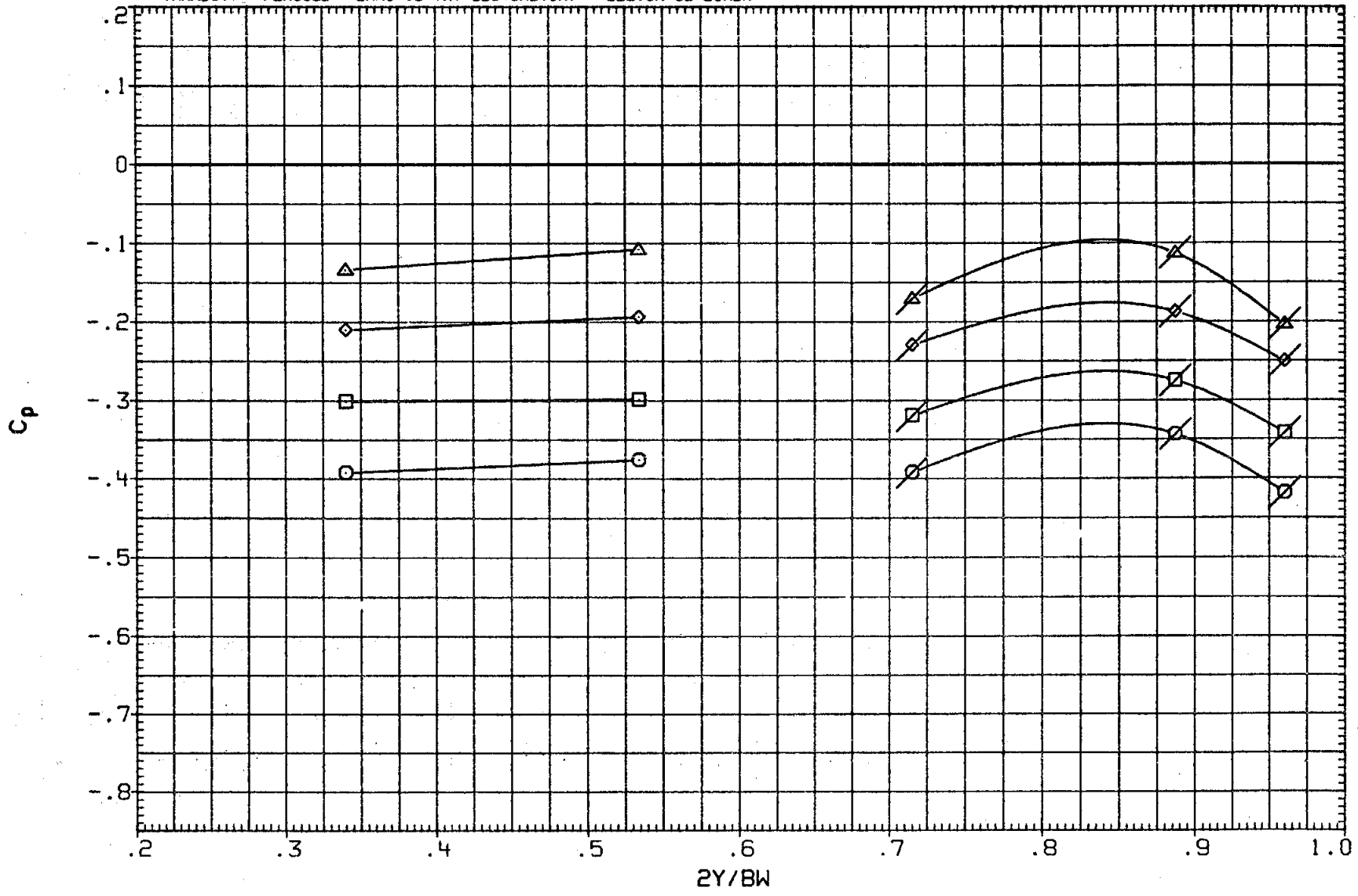


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.100	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

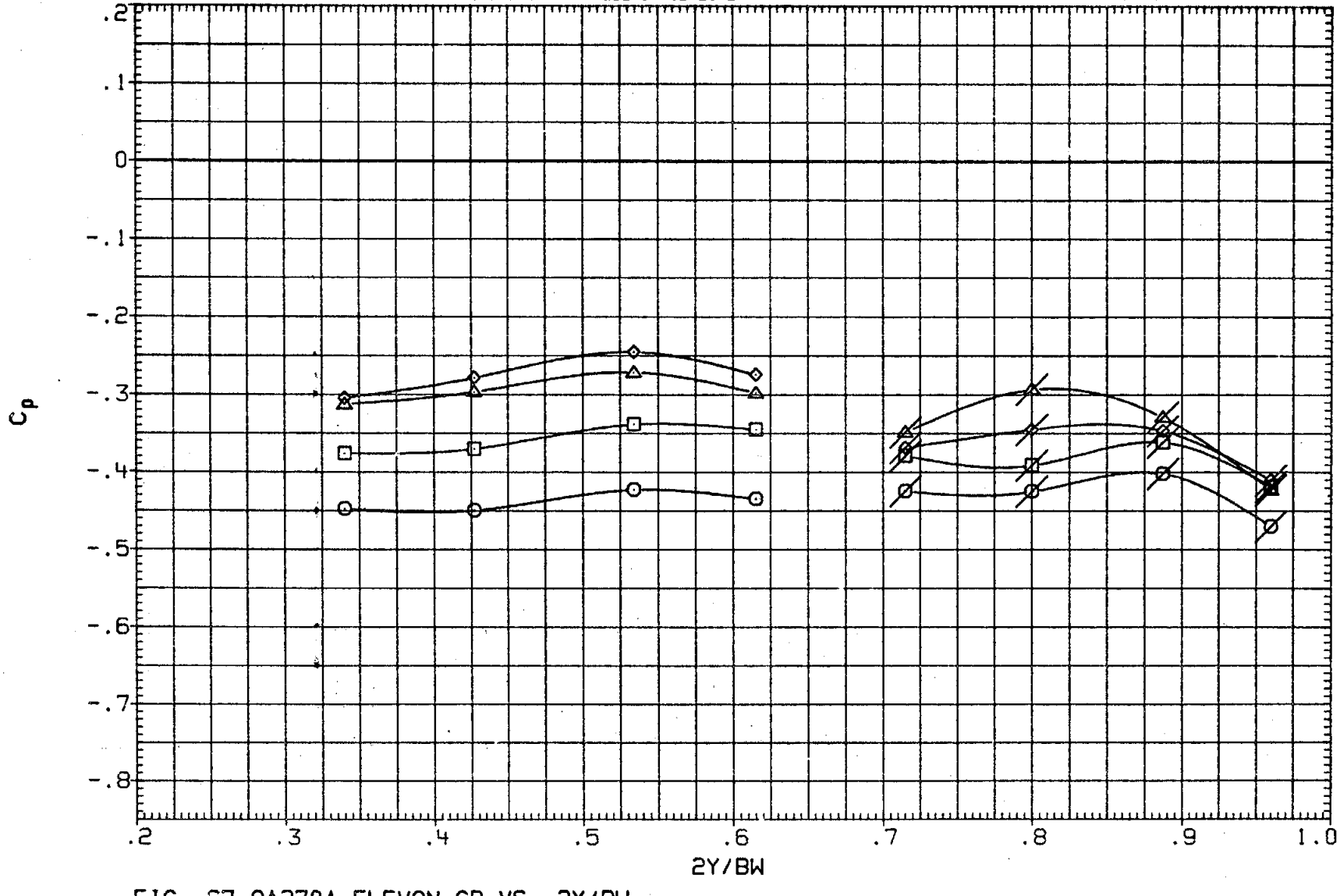


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.200	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A)	ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A)	ELEVON OB LOWER

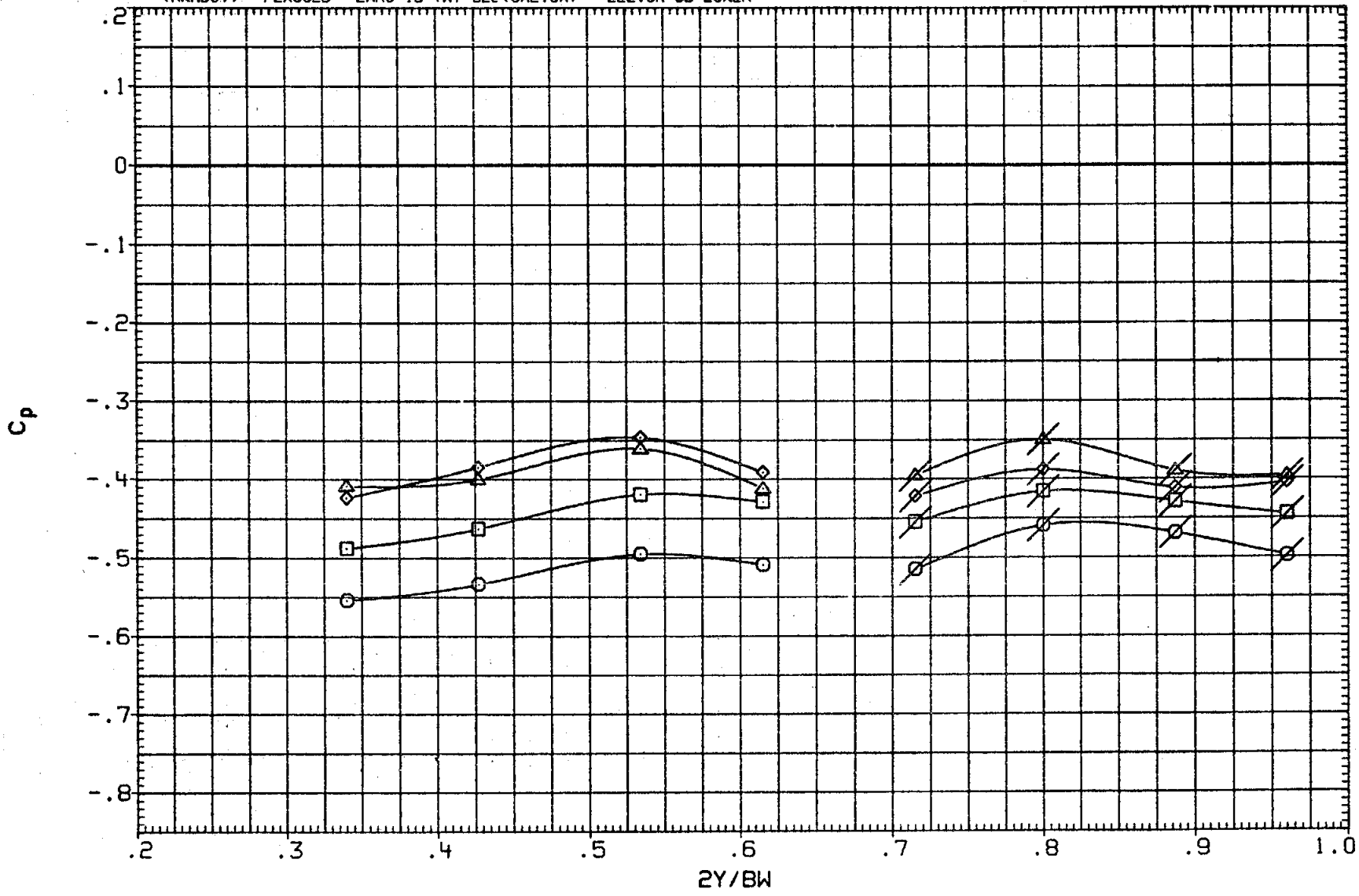


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.400	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

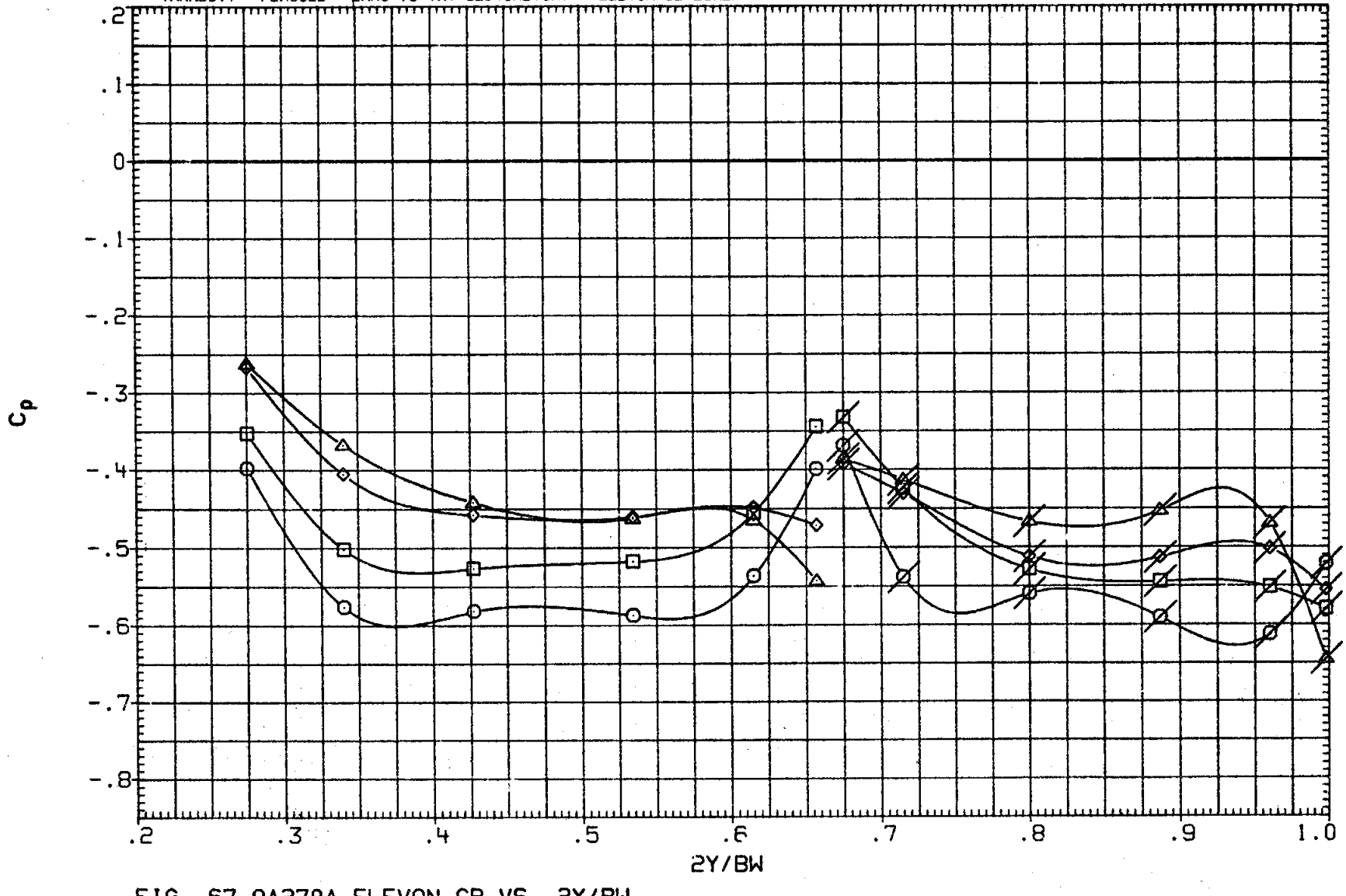


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

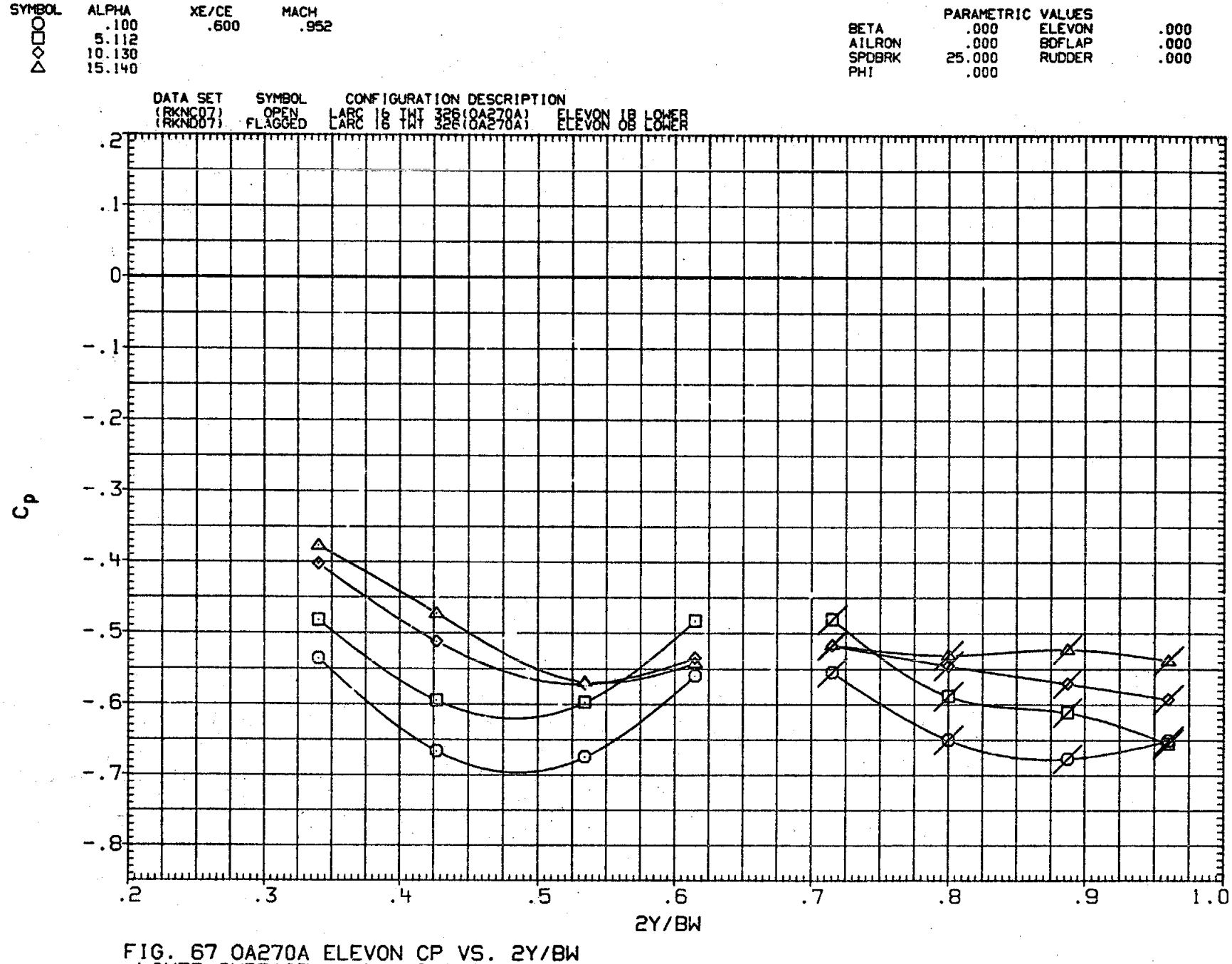


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.100	.800	.952
□	5.112		
◇	10.130		
△	15.140		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

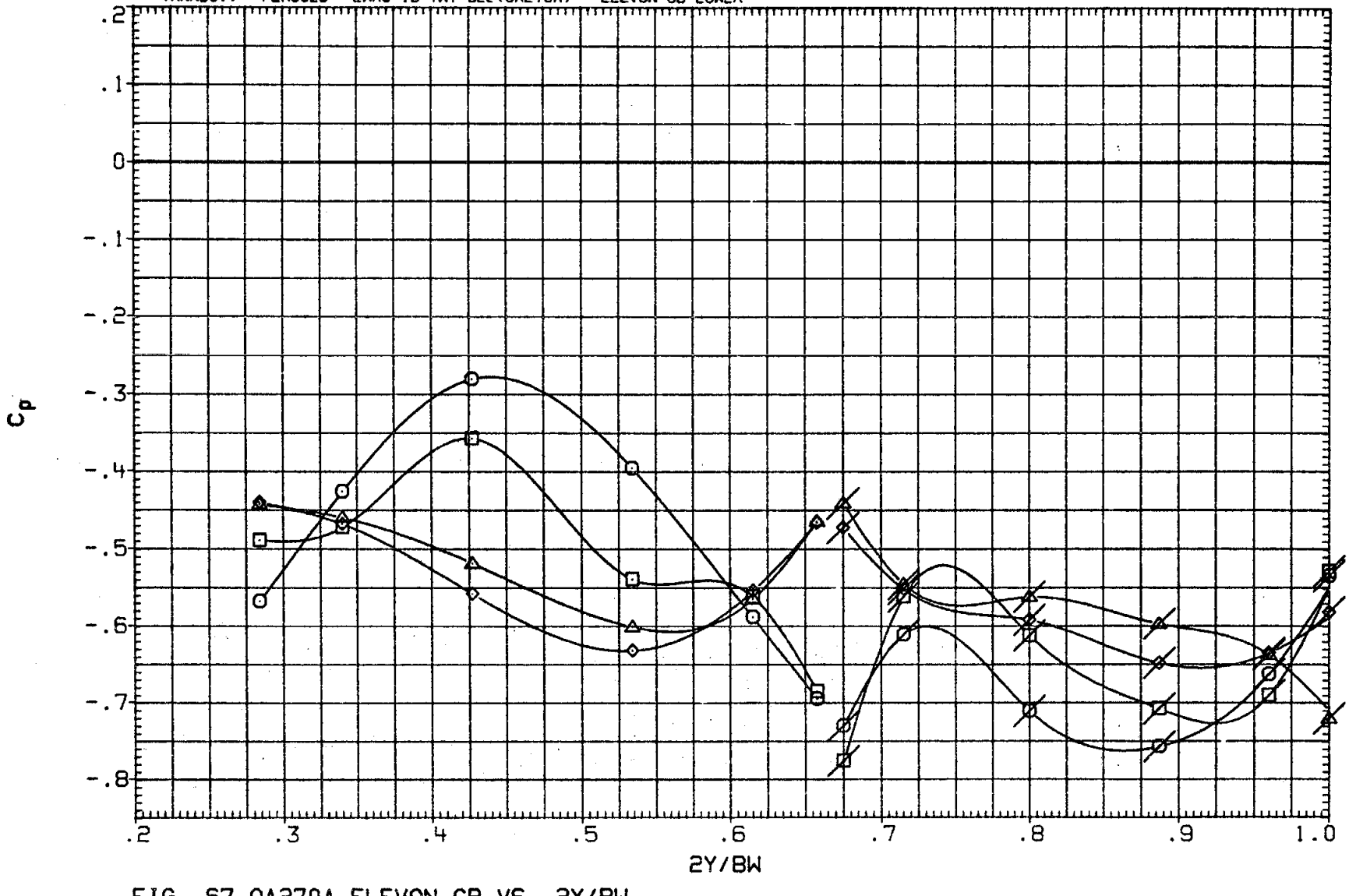


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	-.100	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

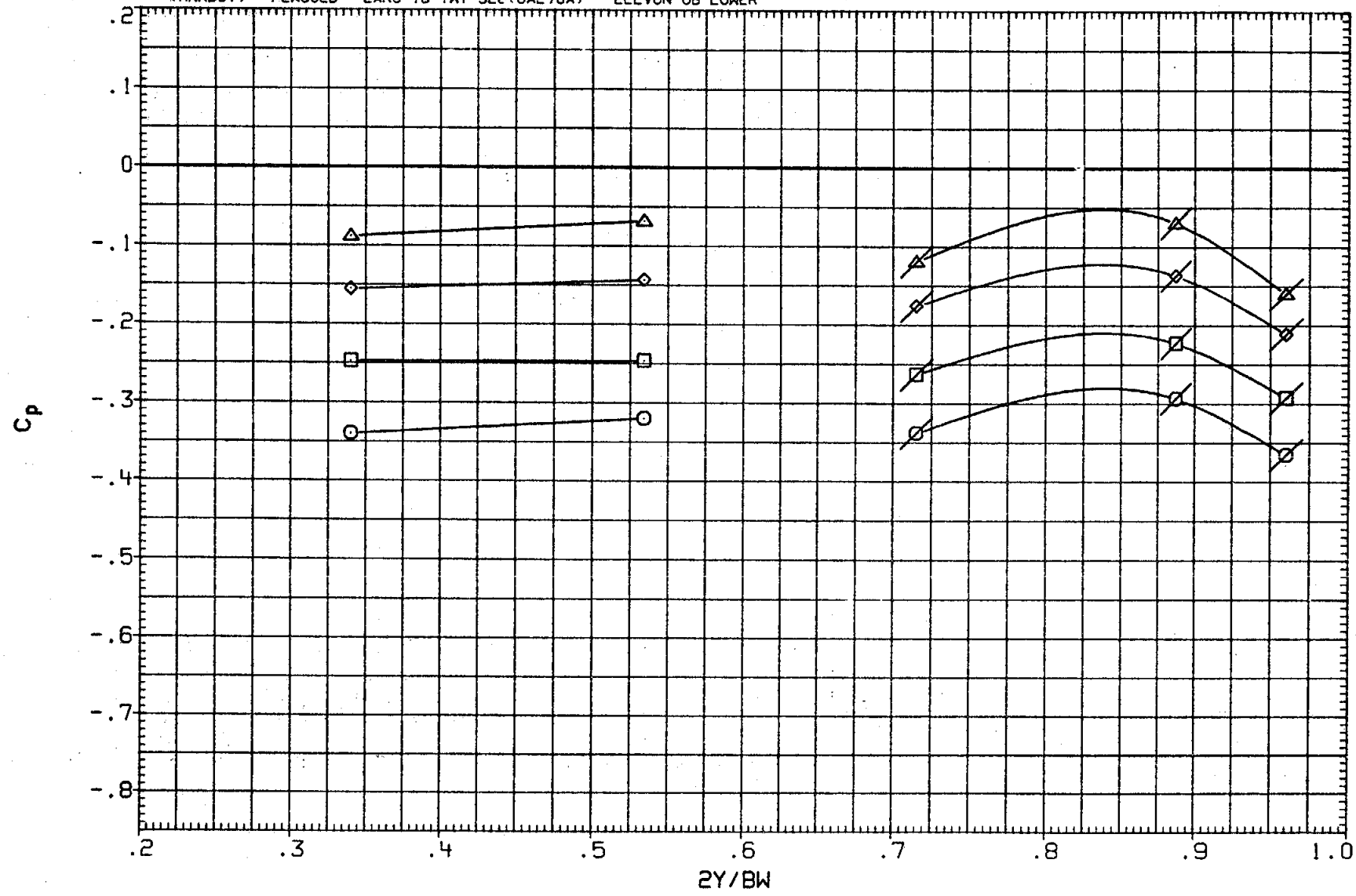


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	.100	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

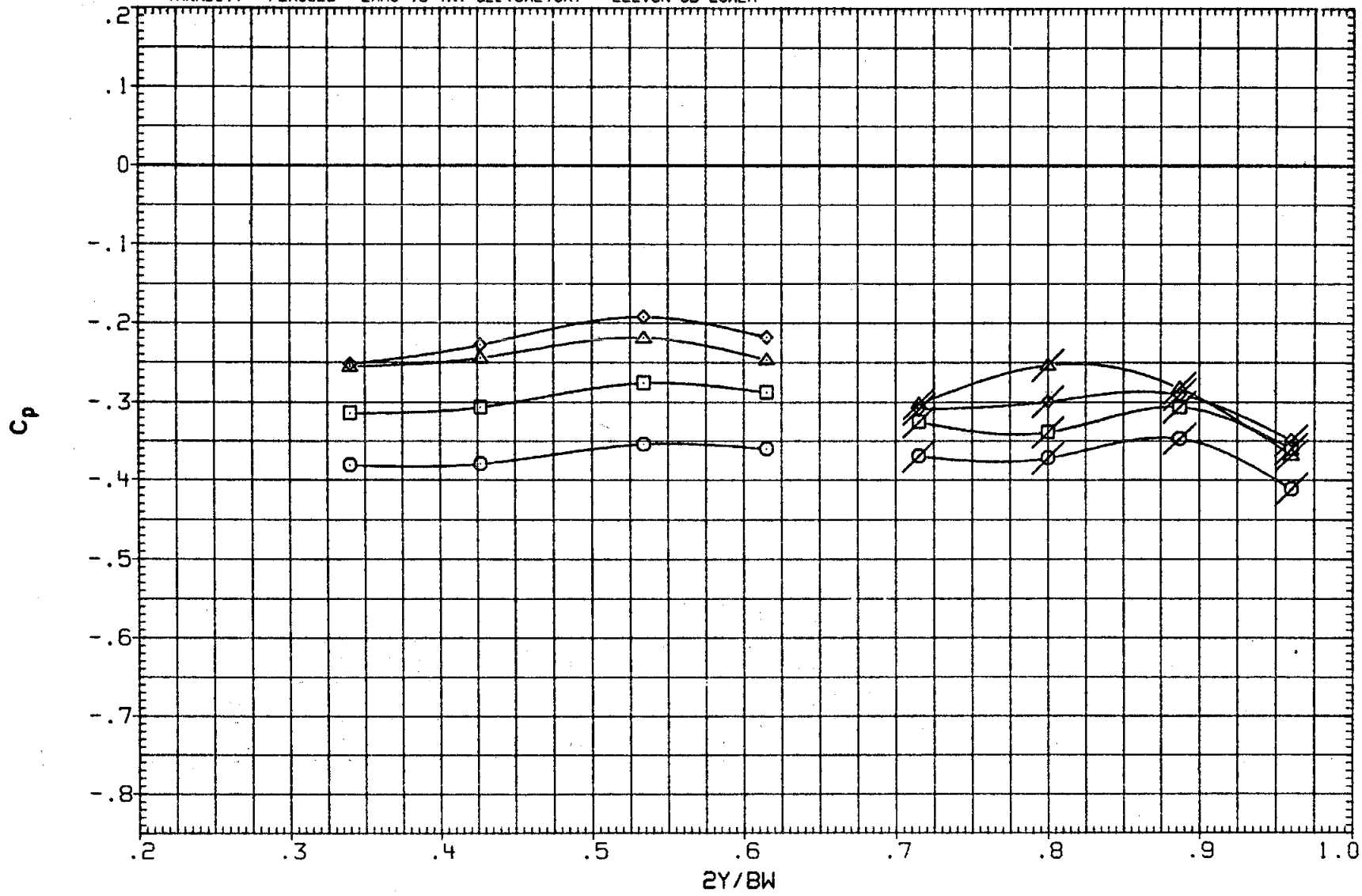


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

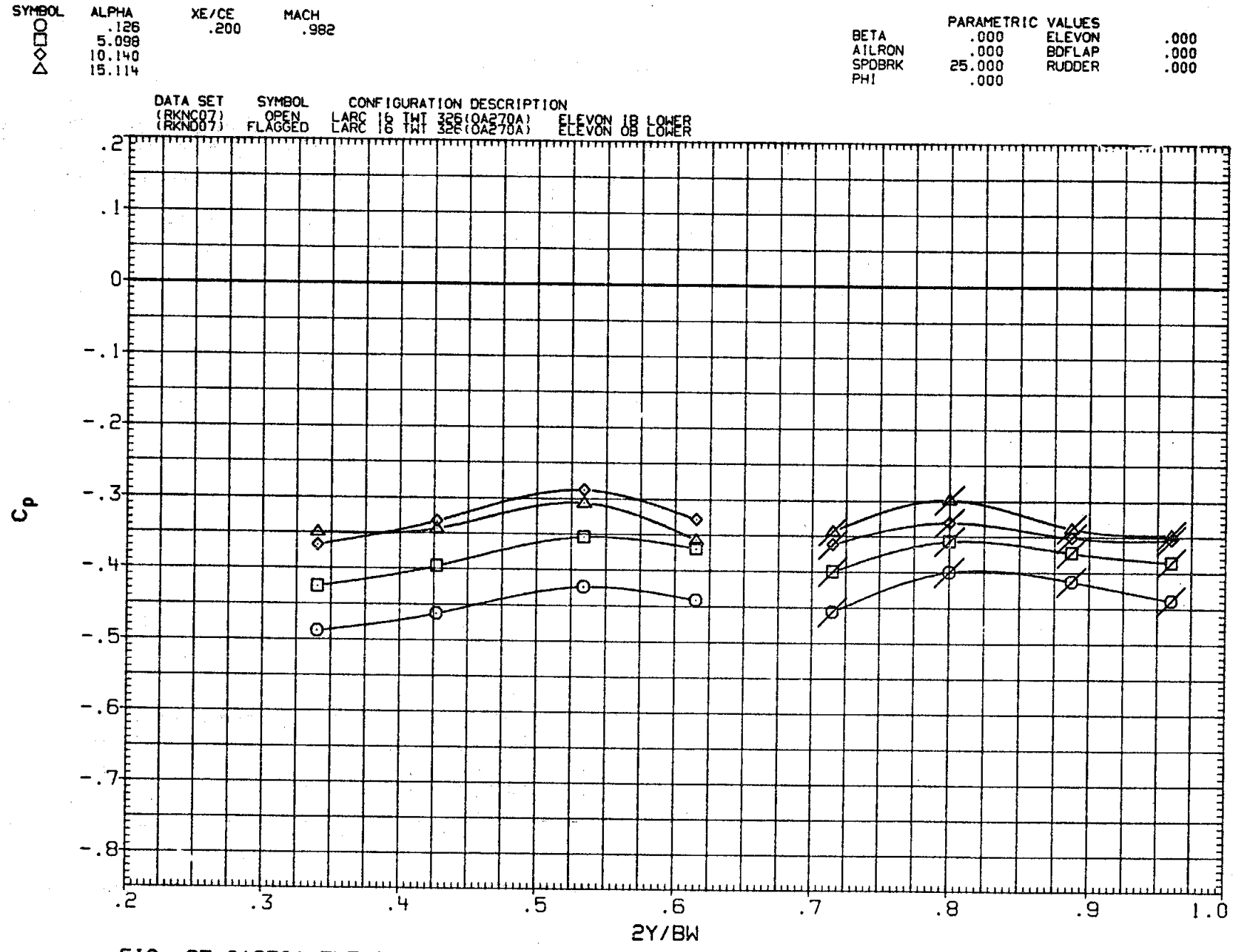


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

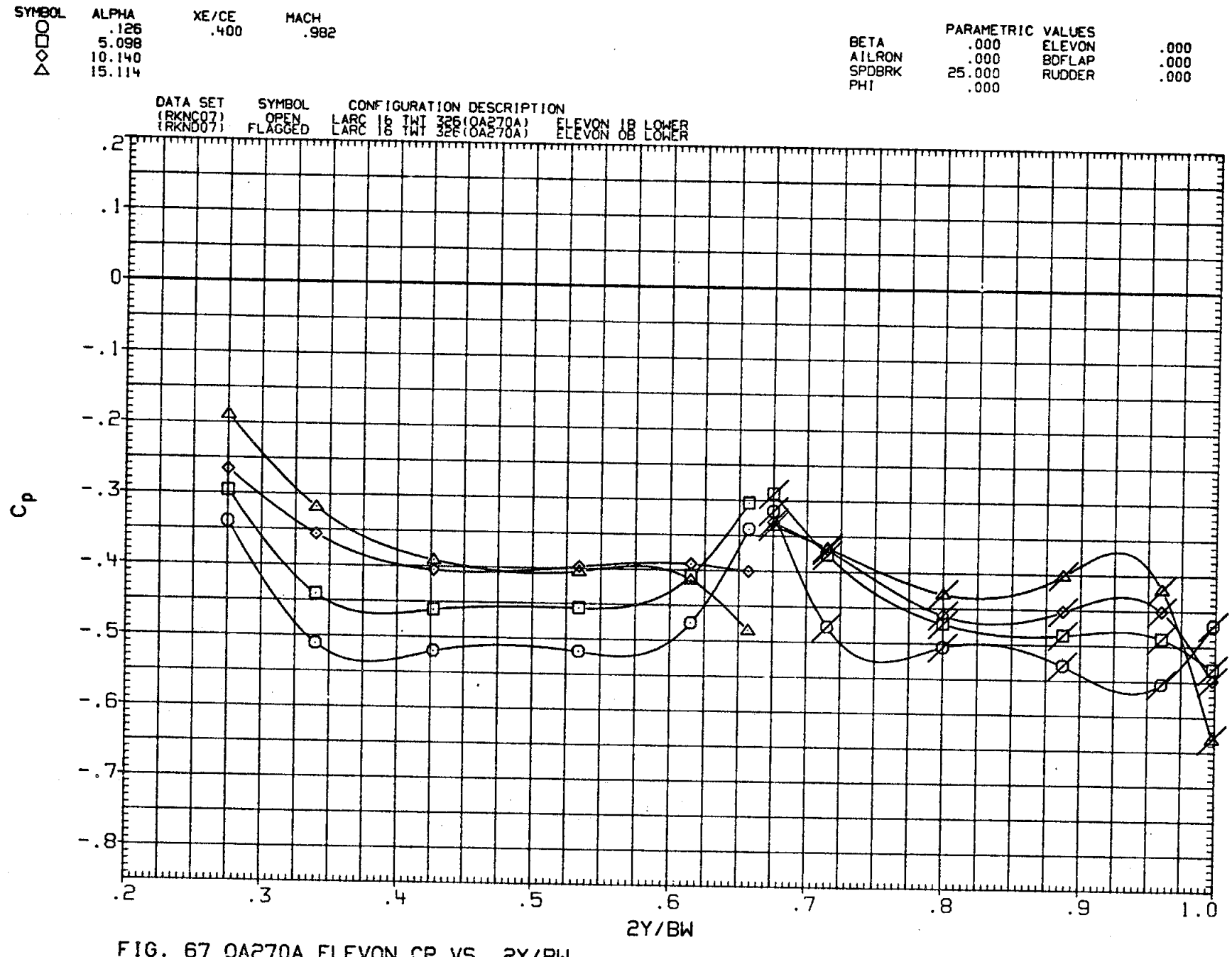


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	.600	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

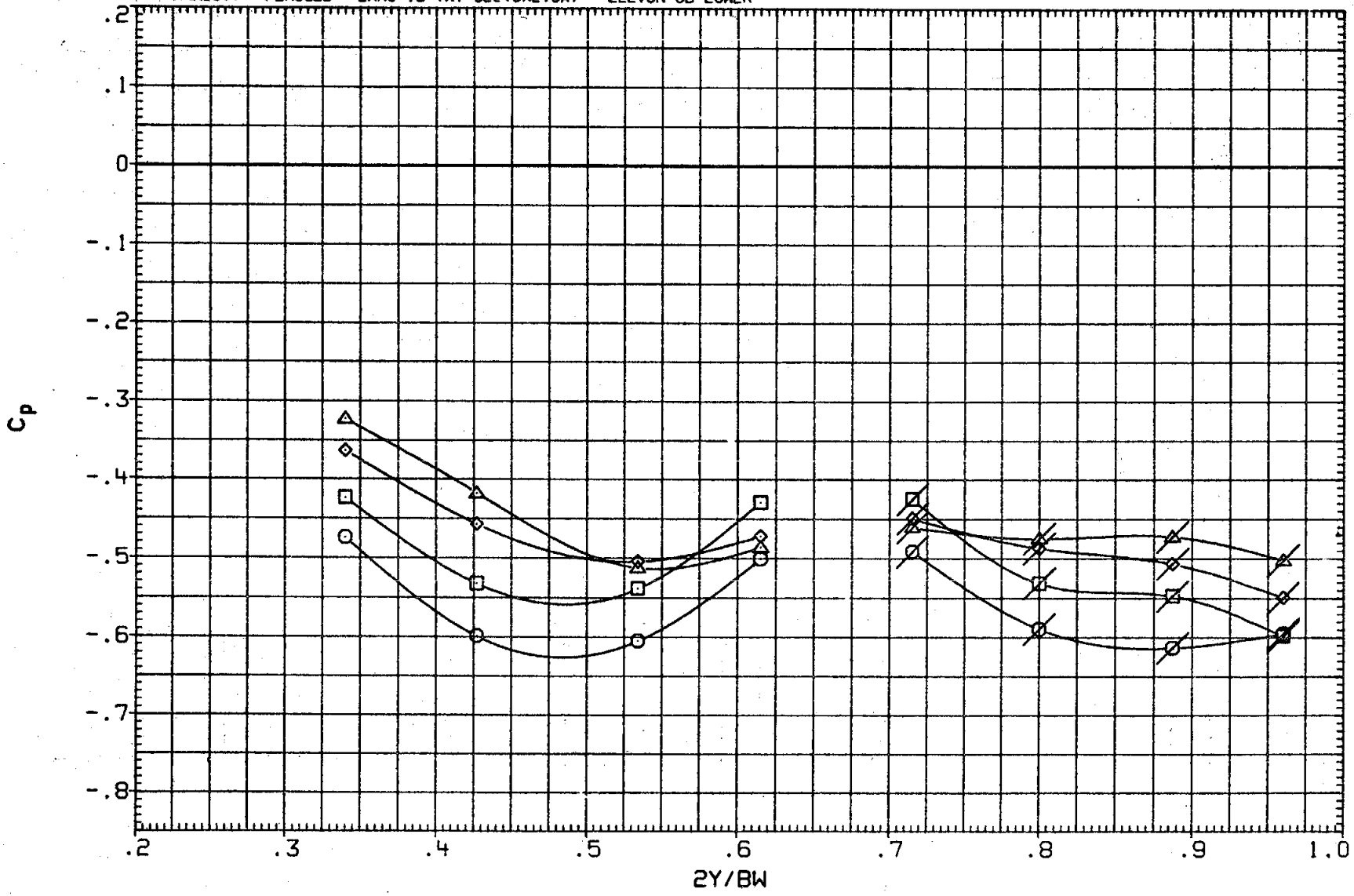


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.126	.800	.982
□	5.098		
◇	10.140		
△	15.114		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	RDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

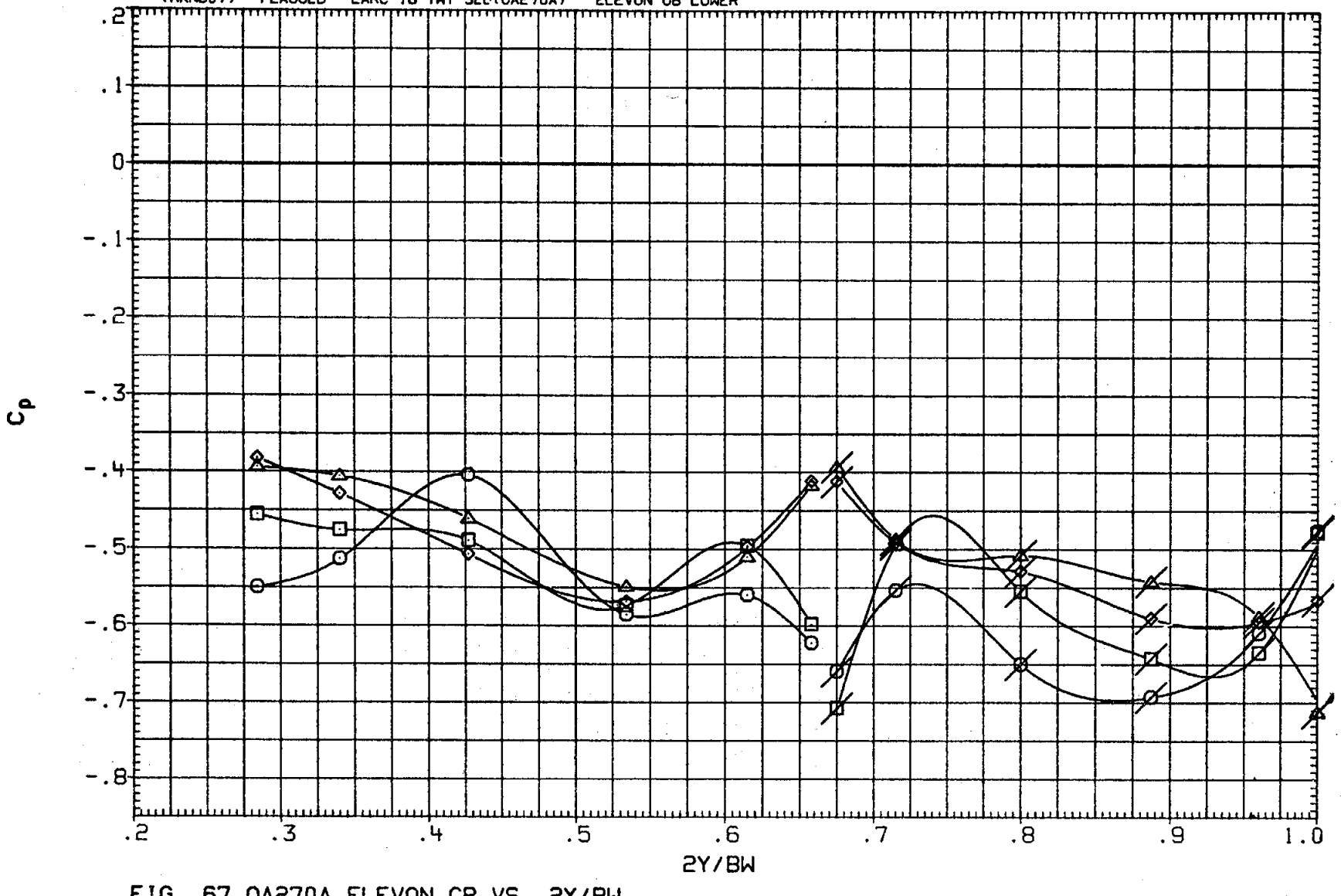


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	-.100	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

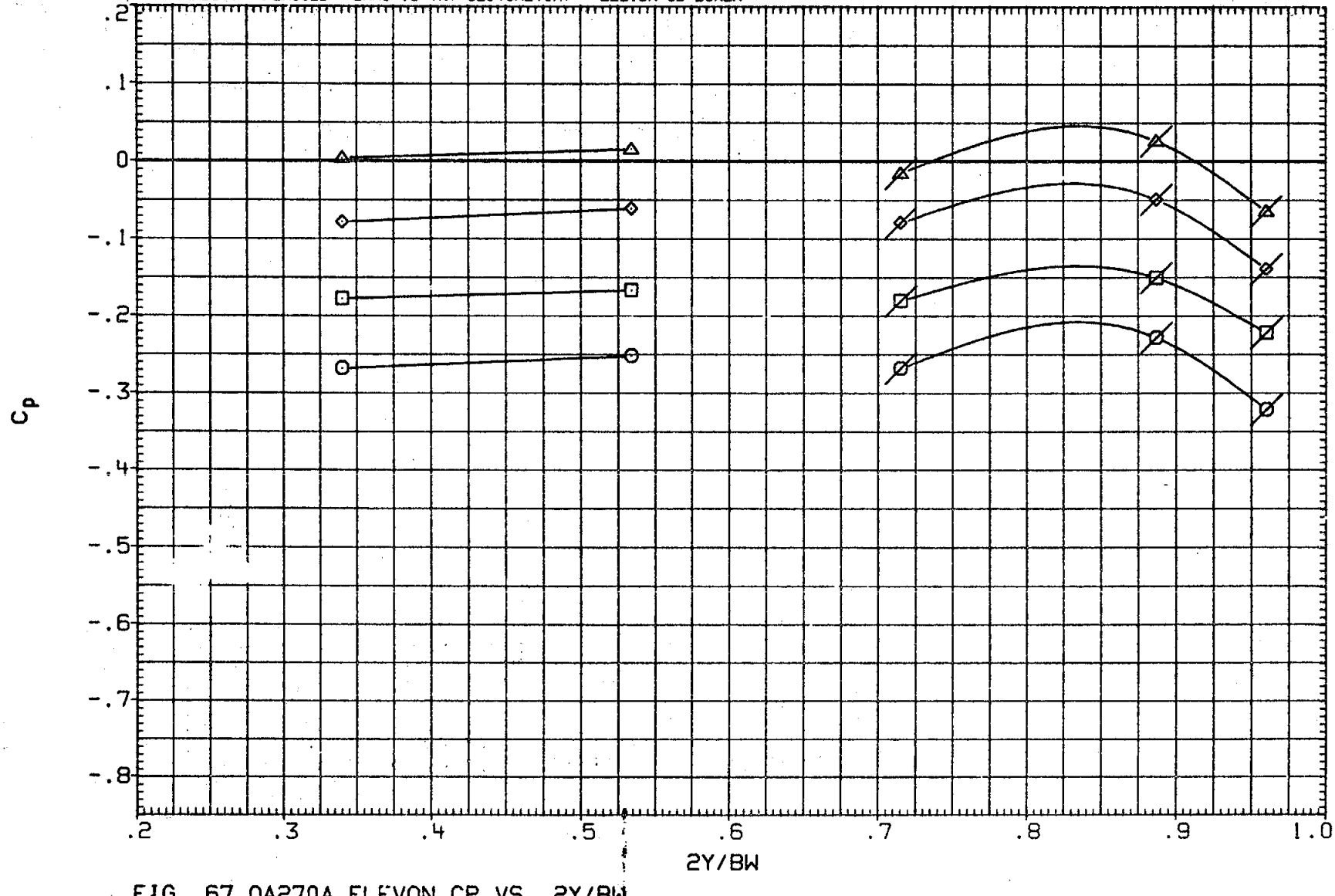


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.100	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

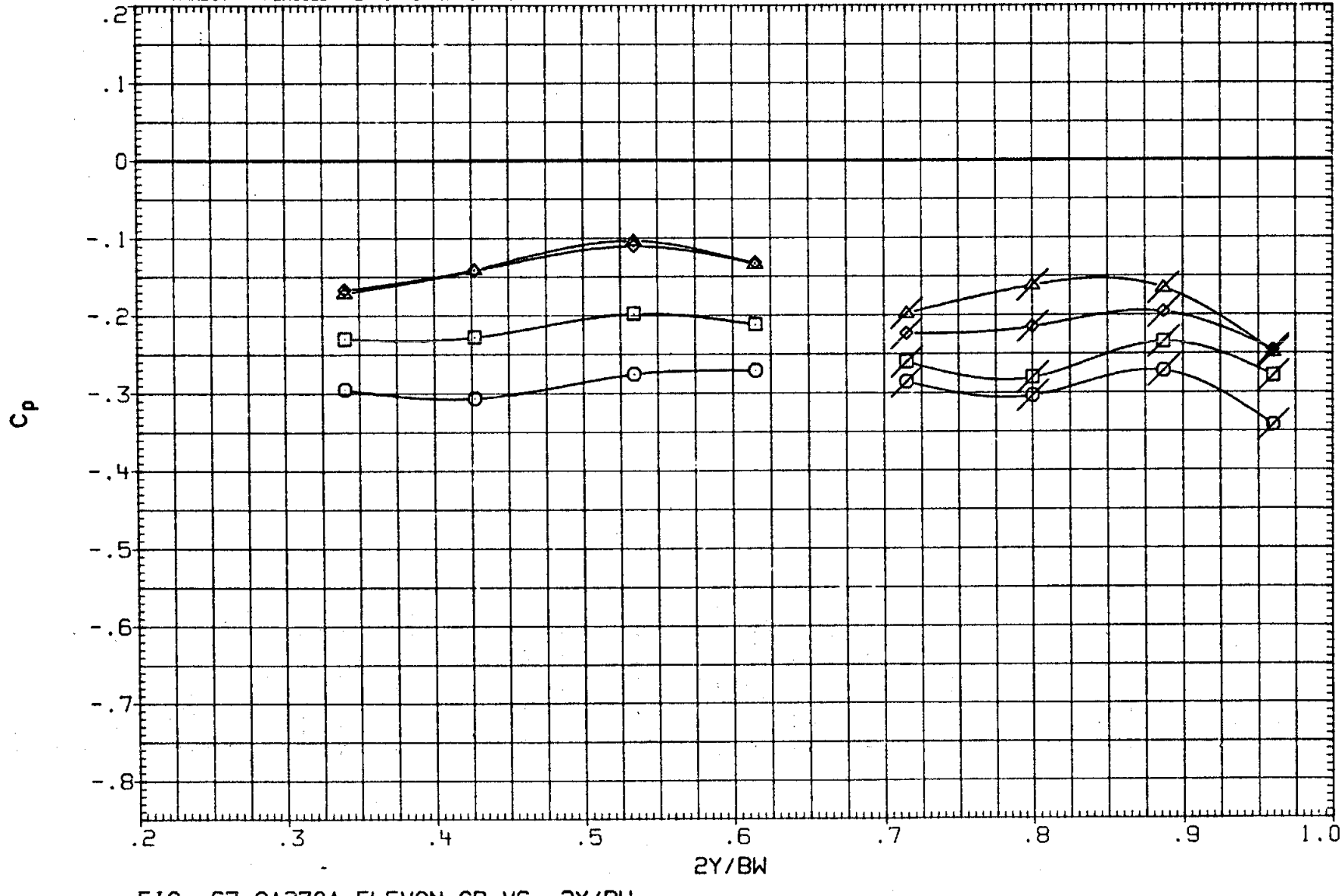


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

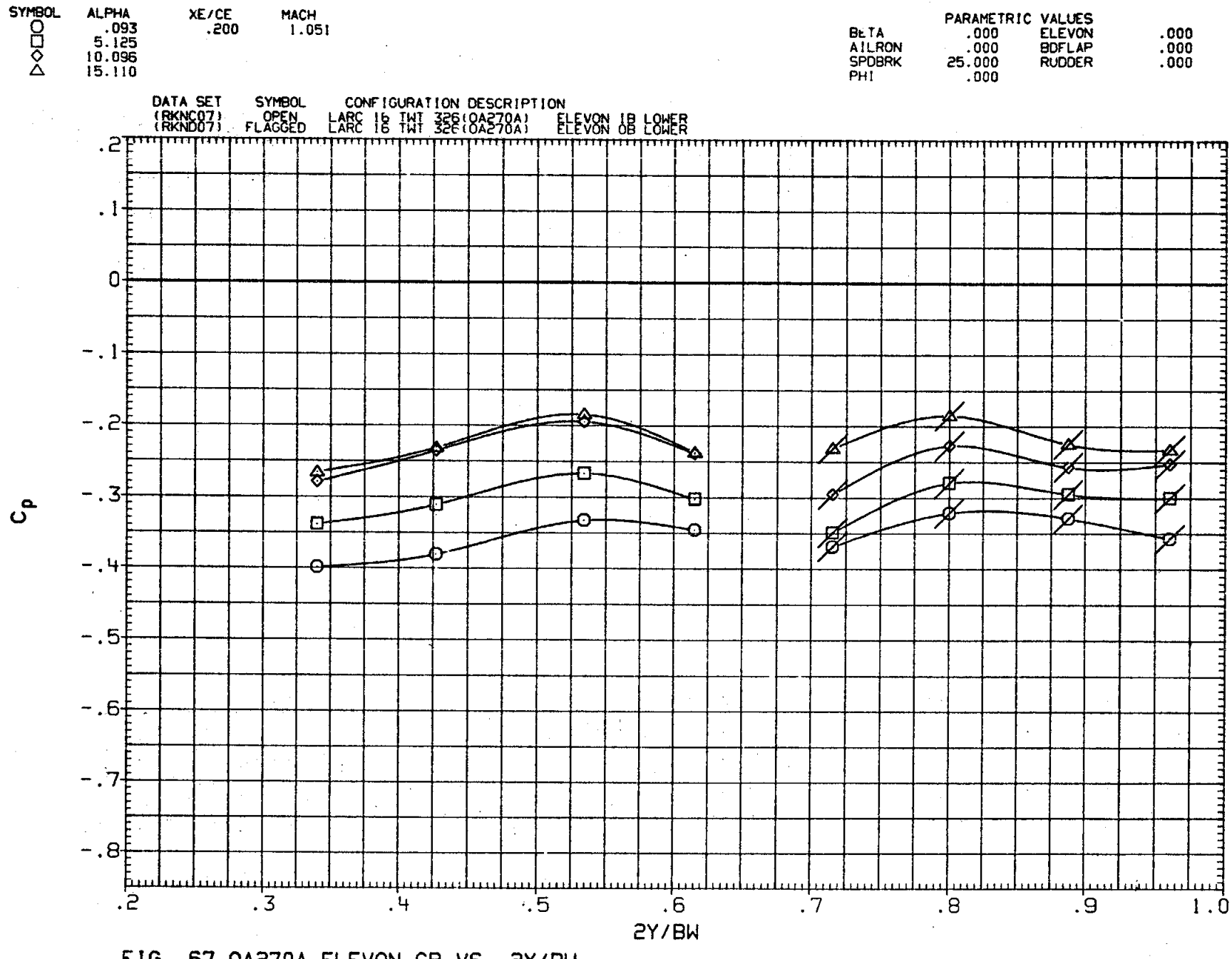


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.400	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A)	ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A)	ELEVON OB LOWER

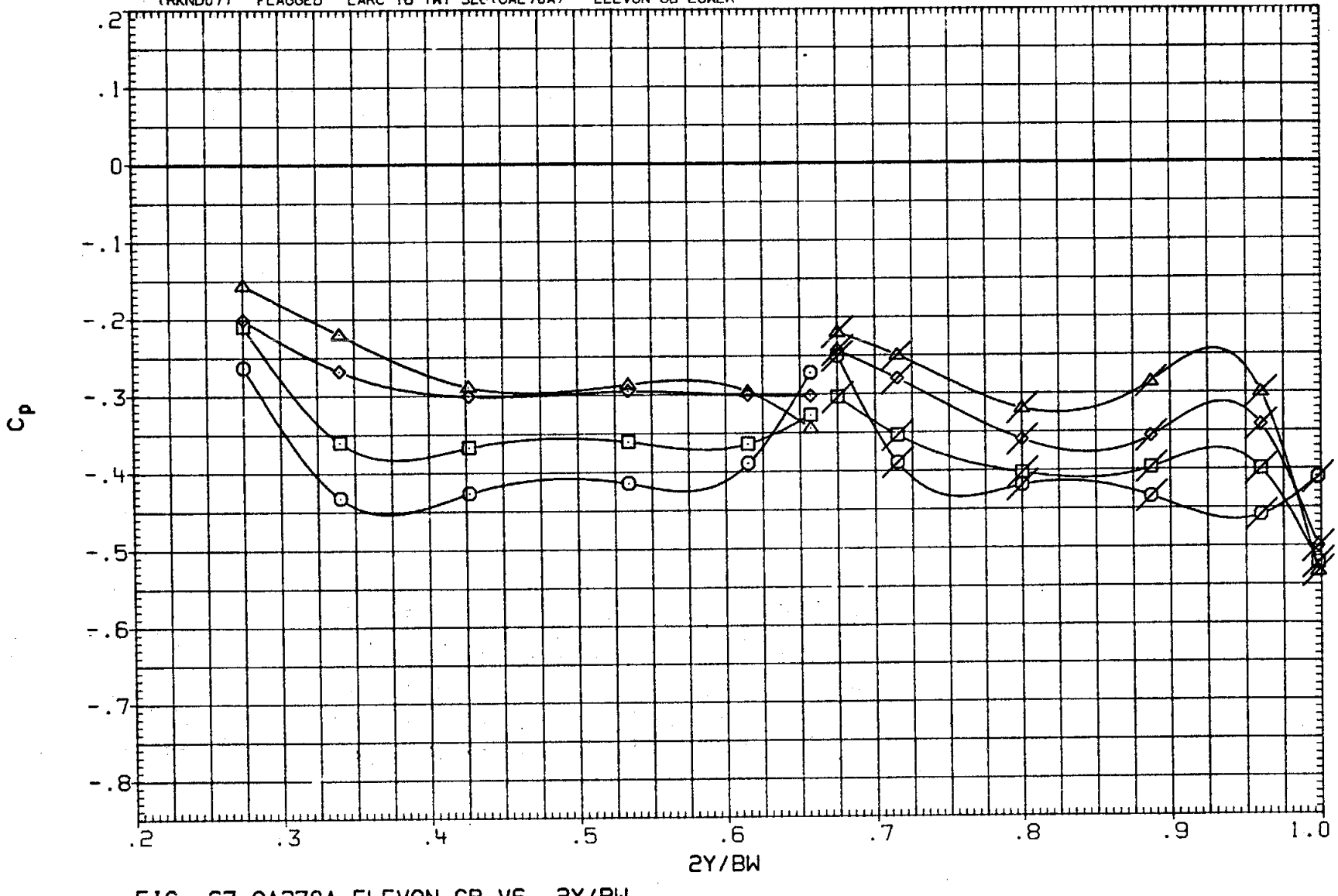


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.600	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

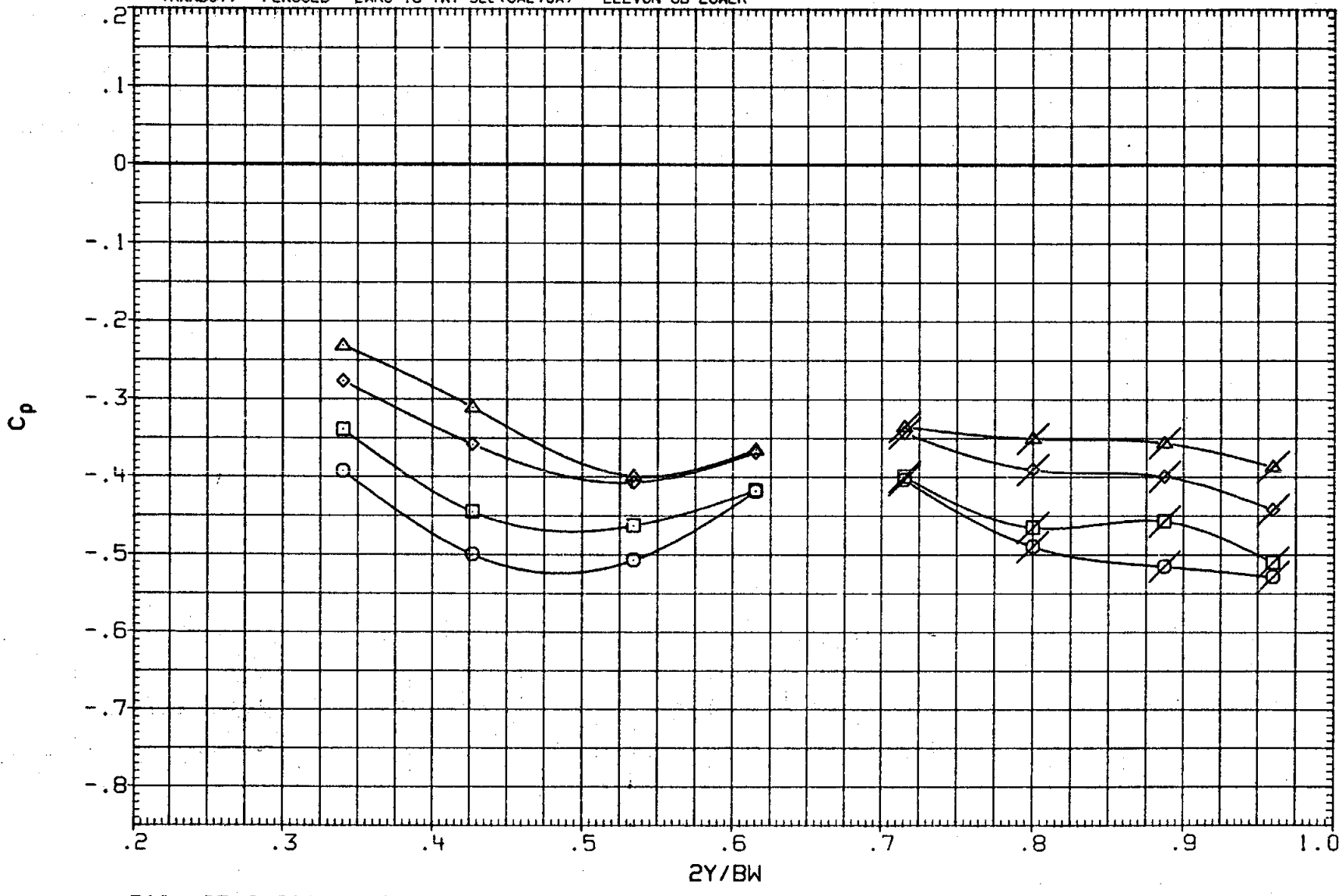


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.093	.800	1.051
□	5.125		
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

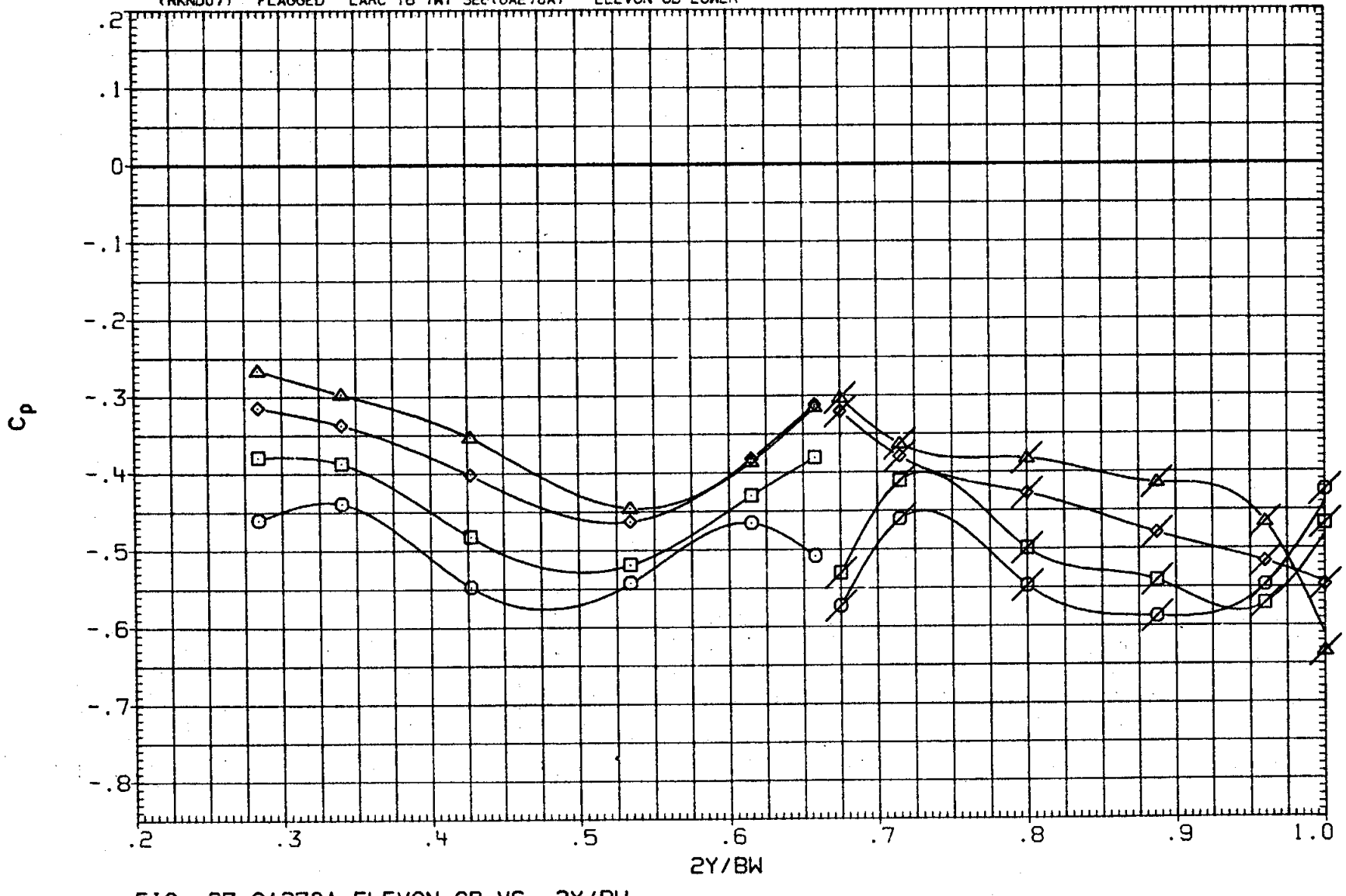


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	-.100	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 32E(OA270A) ELEVON OB LOWER

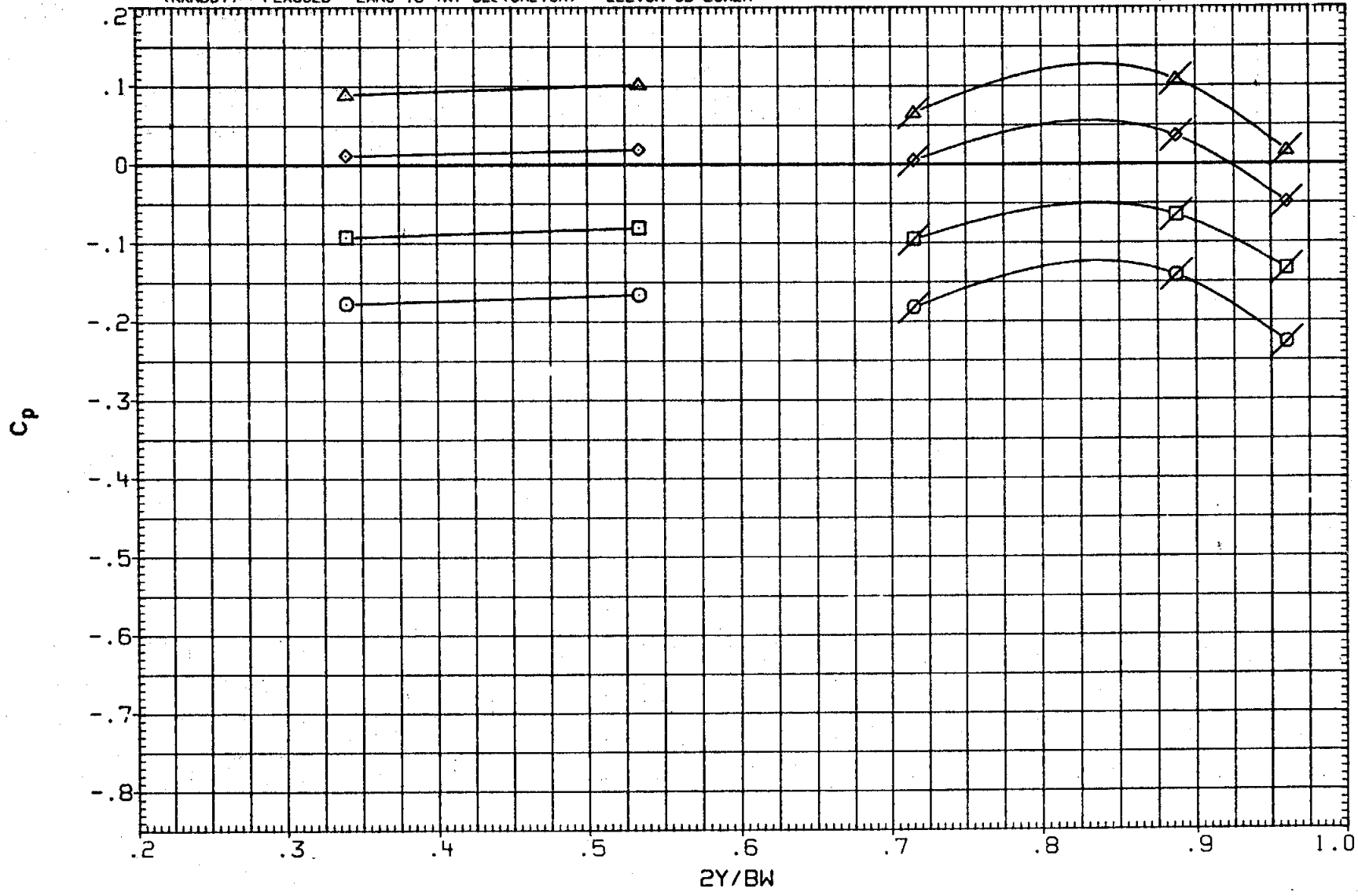


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.100	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A)	ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A)	ELEVON OB LOWER

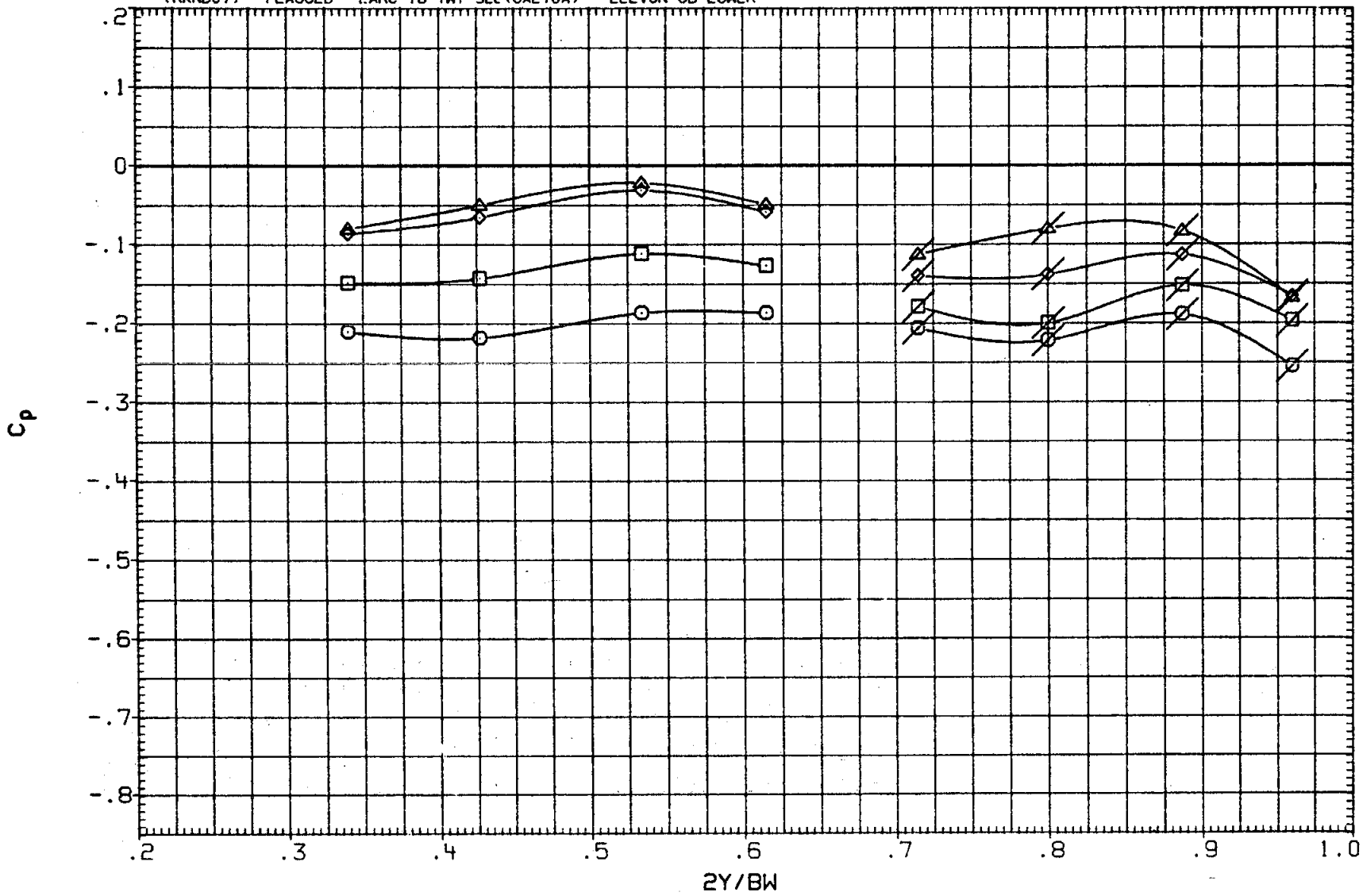


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.200	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.400	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB LOWER

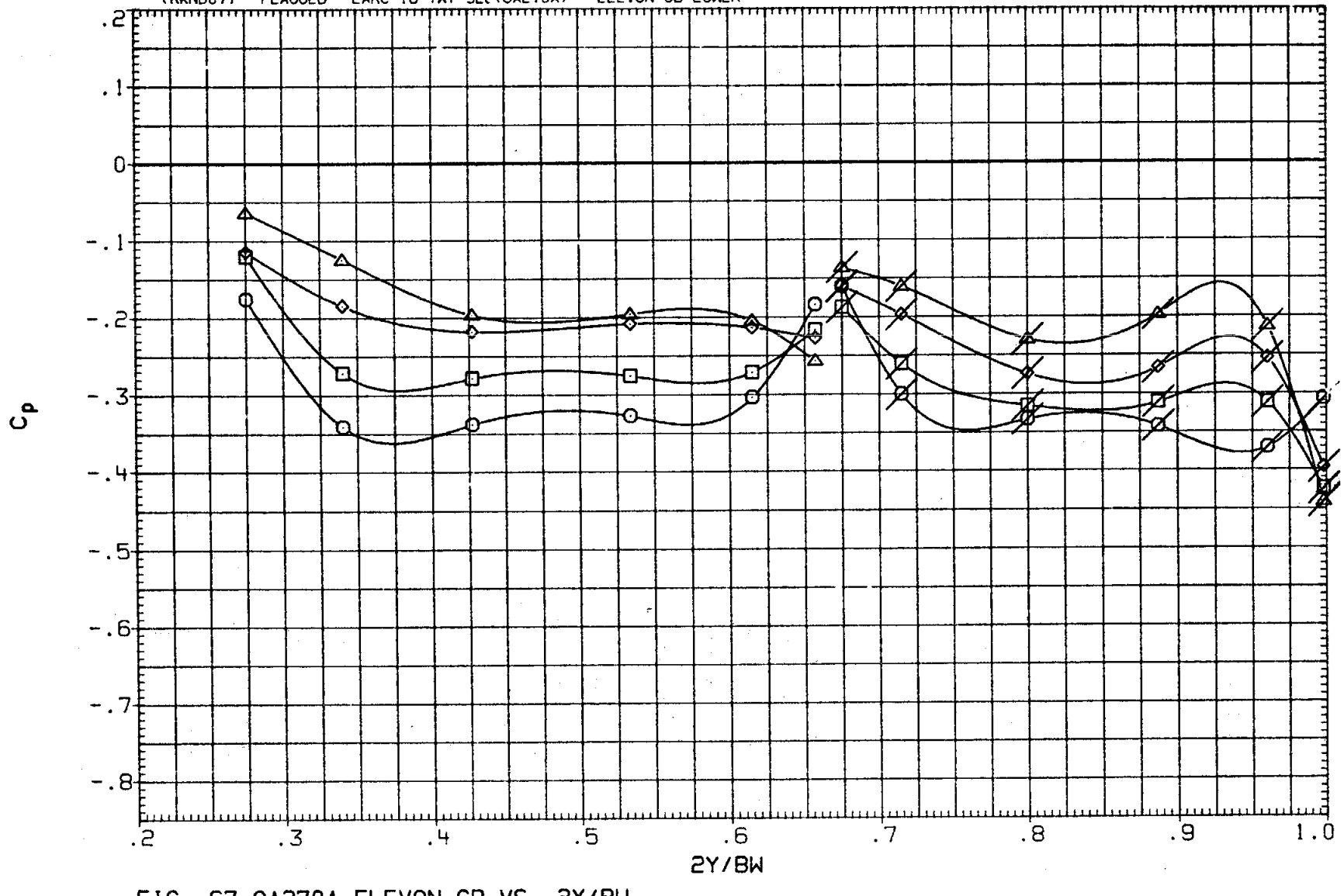


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.600	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

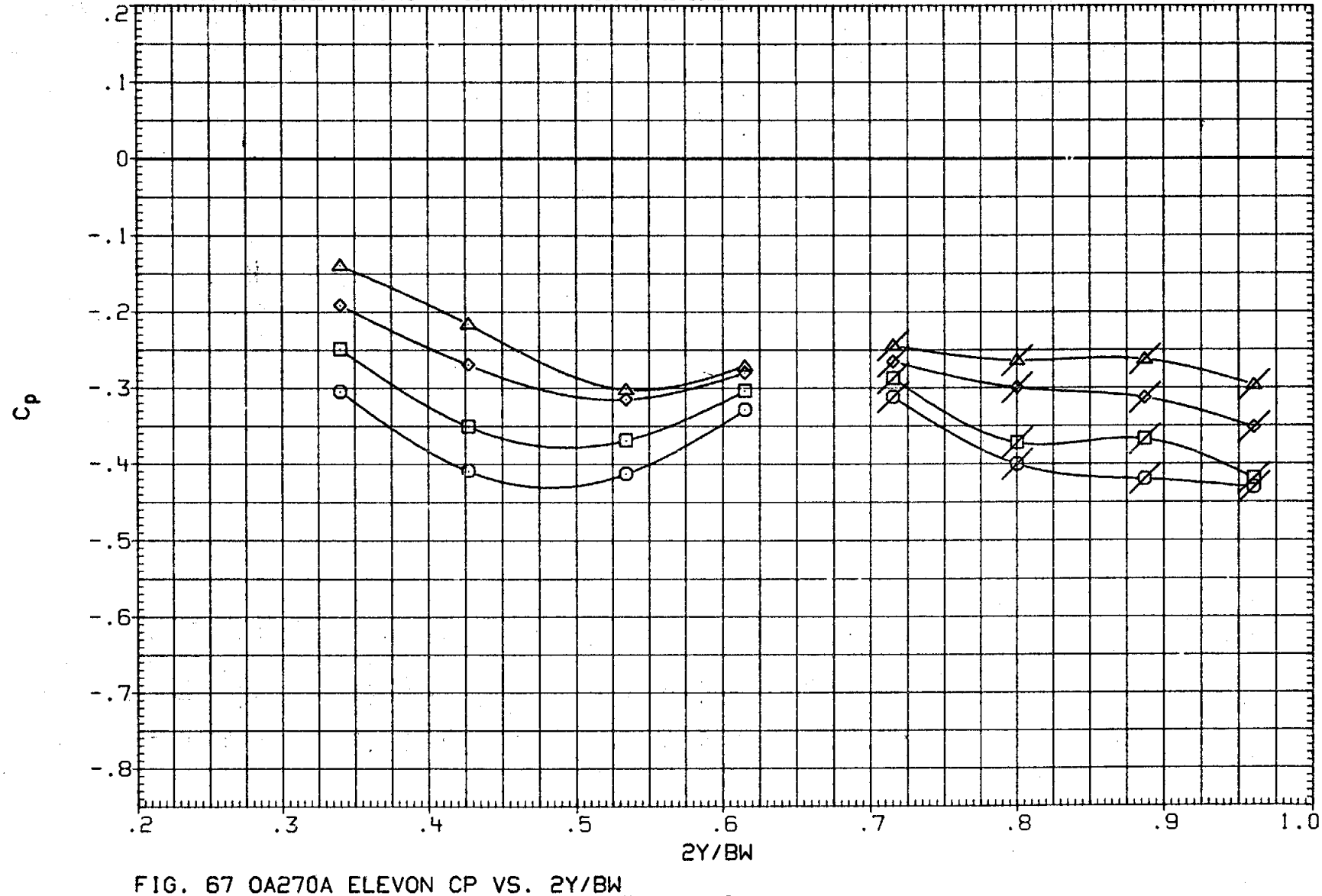


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.104	.800	1.099
□	5.133		
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON 1B LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON 0B LOWER

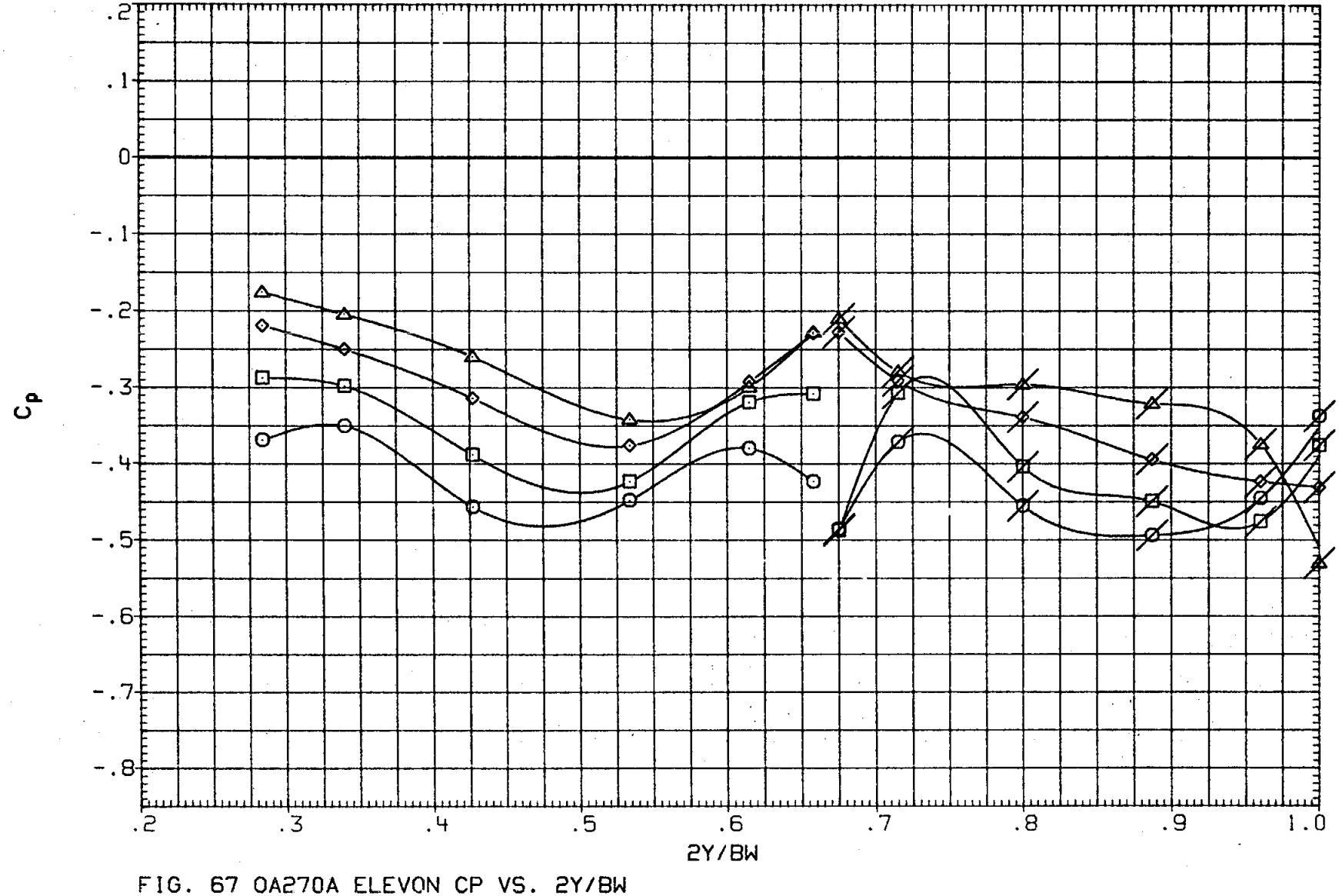


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	-.100	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

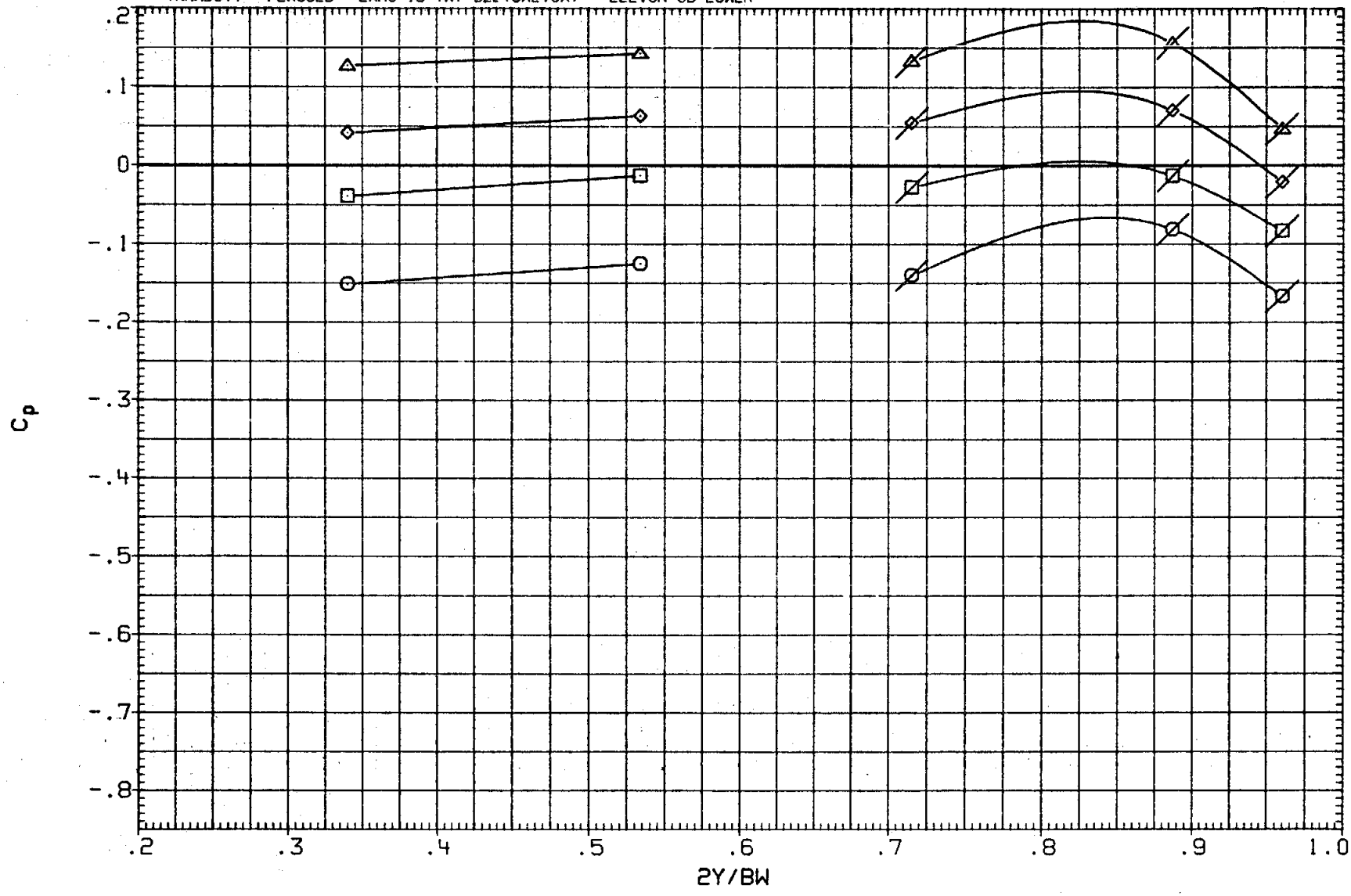


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.100	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB LOWER

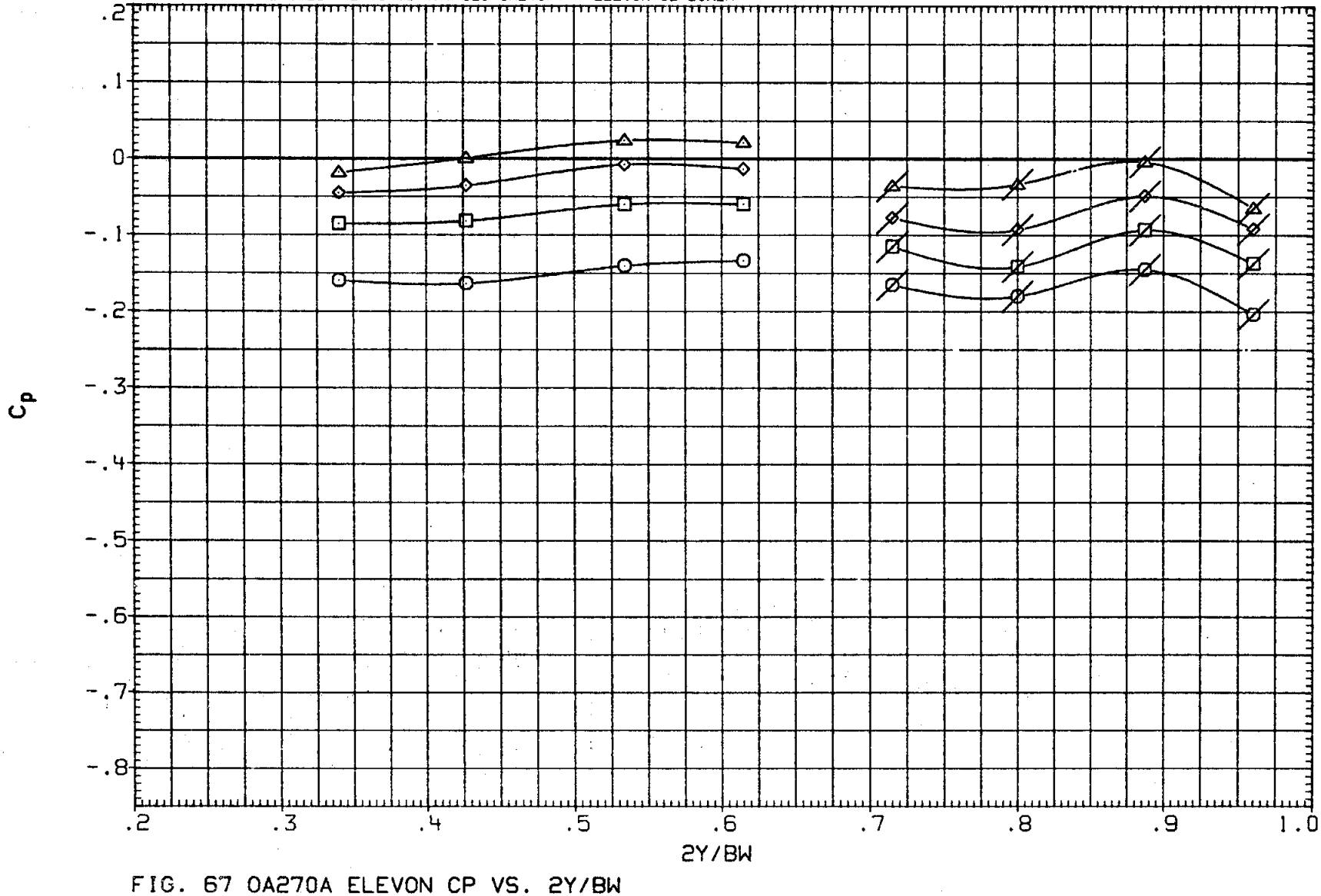


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.200	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

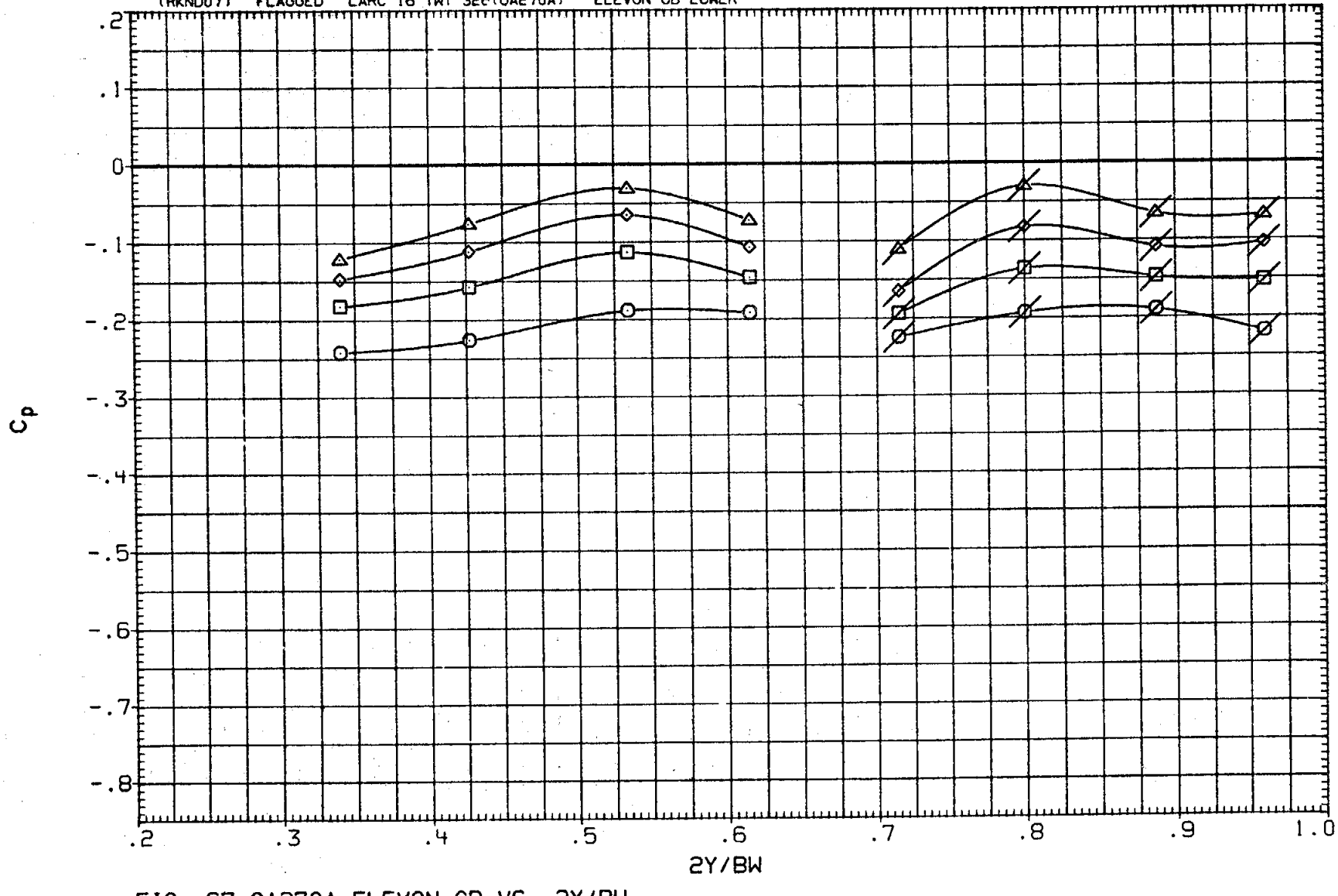


FIG. 67 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.400	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB LOWER

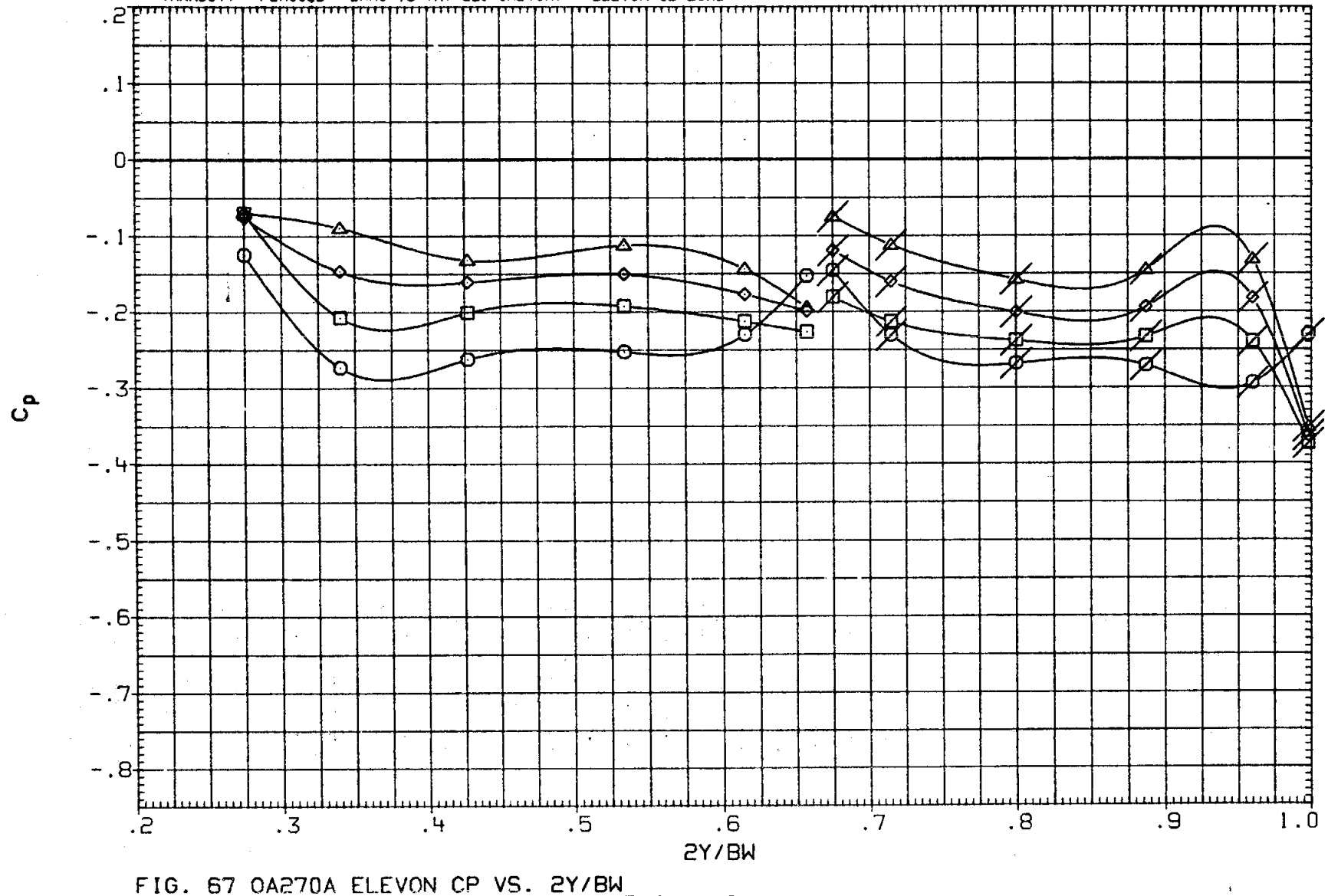


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.600	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND07)	FLAGGED	LARC 16 TWT 32E(0A270A) ELEVON OB LOWER

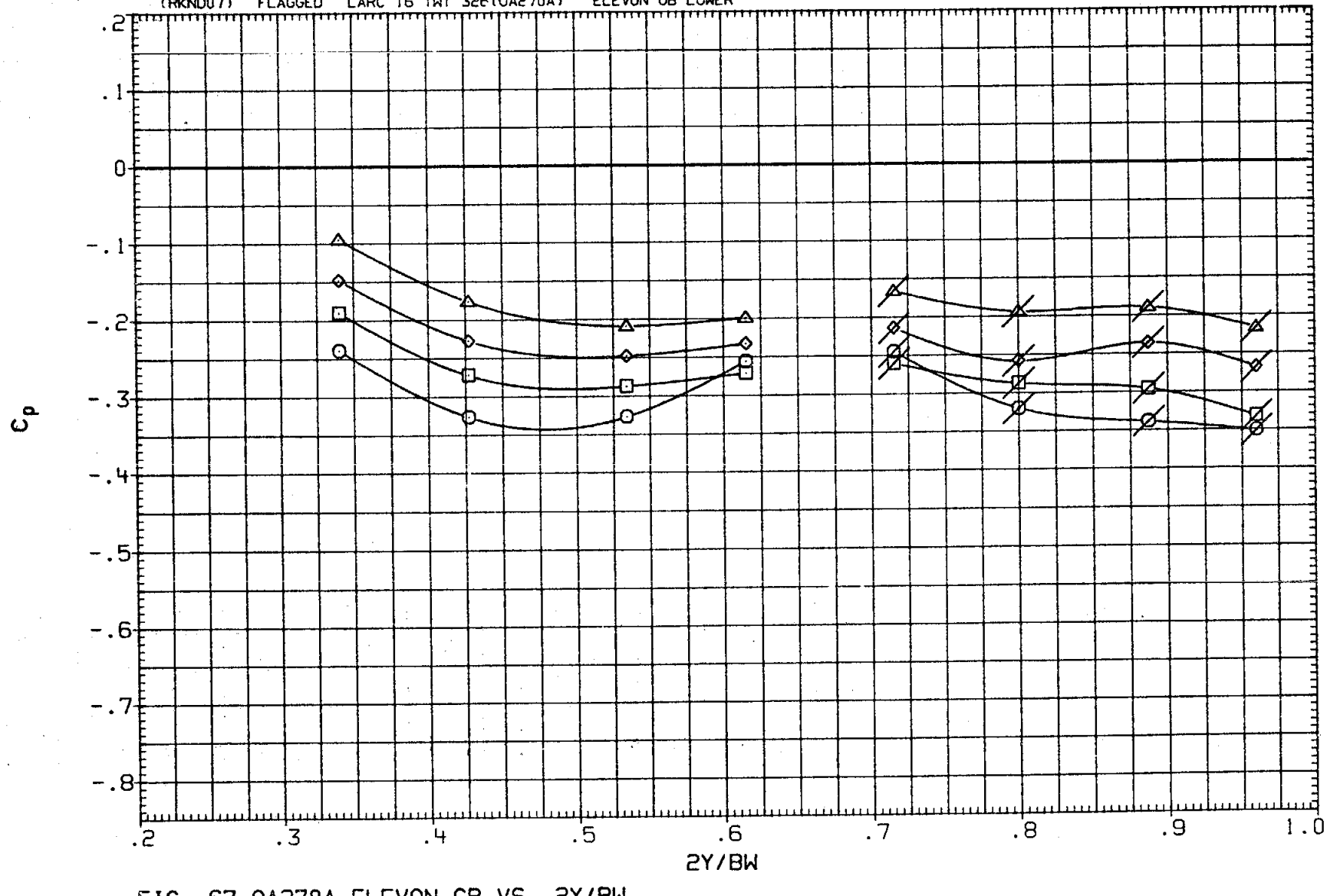


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

SYMBOL	ALPHA	XE/CE	MACH
○	.117	.800	1.202
□	5.109		
◇	10.120		
△	15.110		

PARAMETRIC VALUES			
BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC07)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON 1B LOWER
(RKND07)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON 0B LOWER

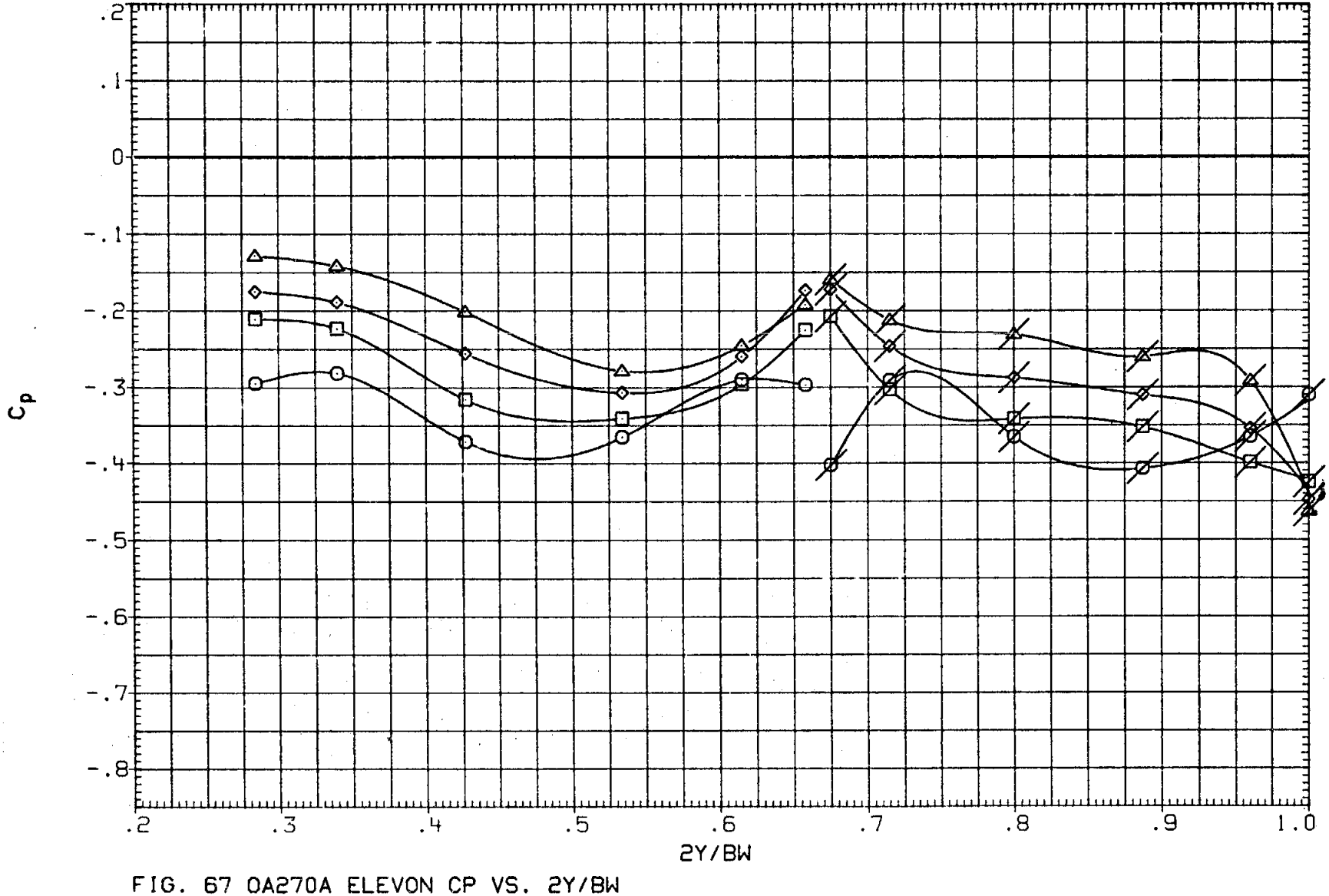


FIG. 67 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 0

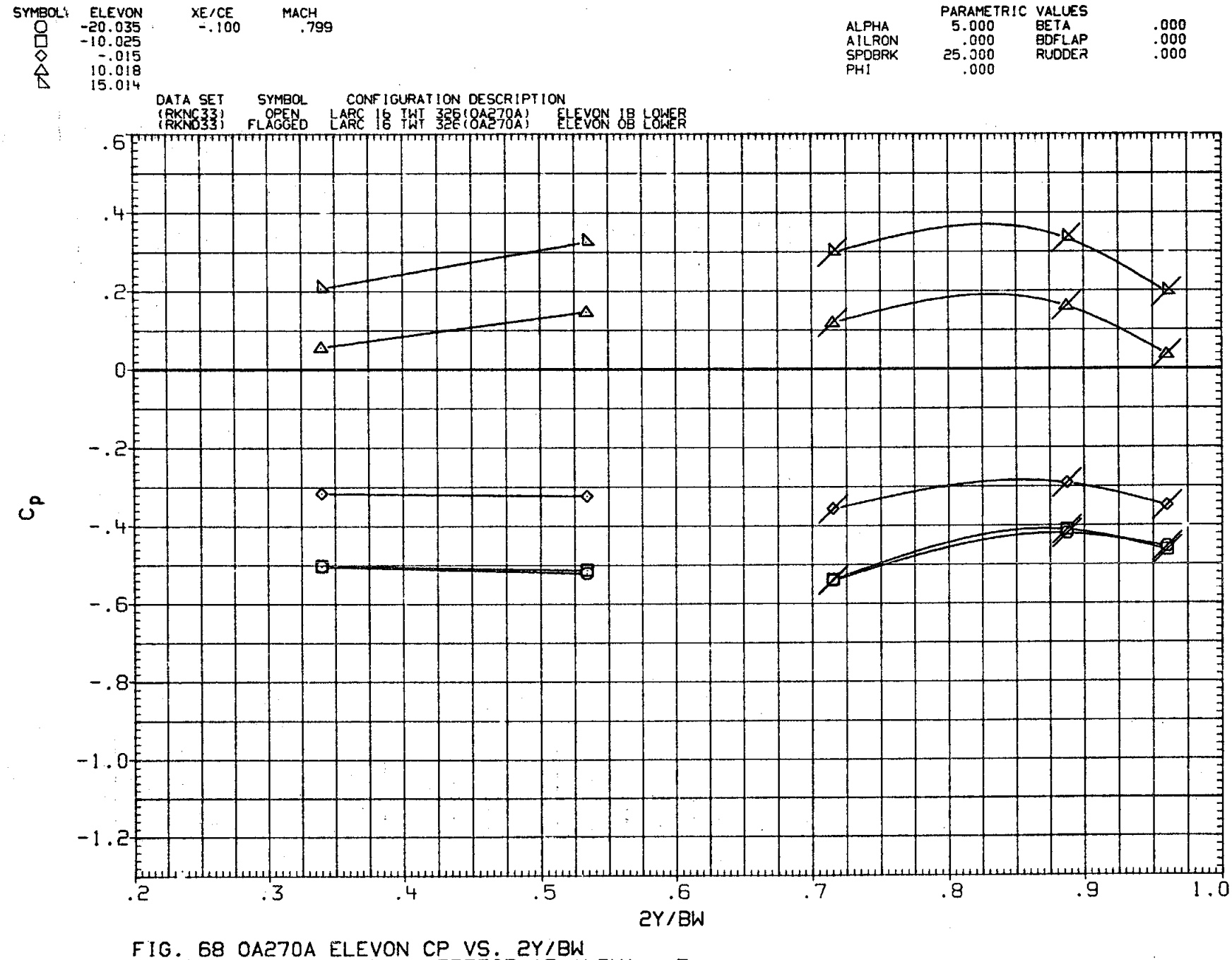


FIG. 68 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ELEVON	XE/CE	MACH
○	-20.035	.100	.799
□	-10.025		
◇	-.015		
△	10.018		
◺	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC33)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND33)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

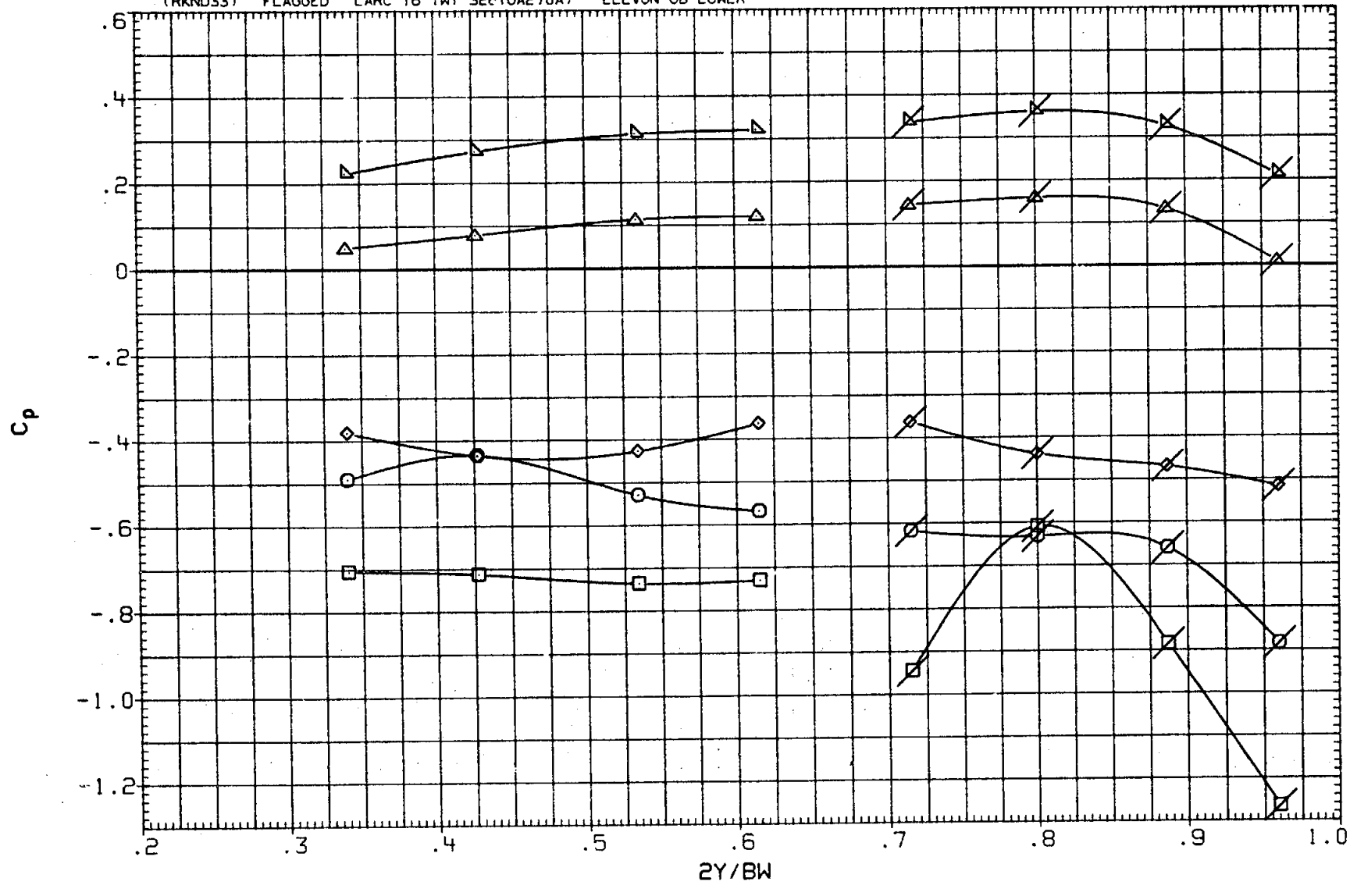


FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ELEVON	XE/CE	MACH
○	-20.035	.200	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC33)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND33)	FLAGGED	LARC 16 TWT 32F(0A270A) ELEVON OB LOWER

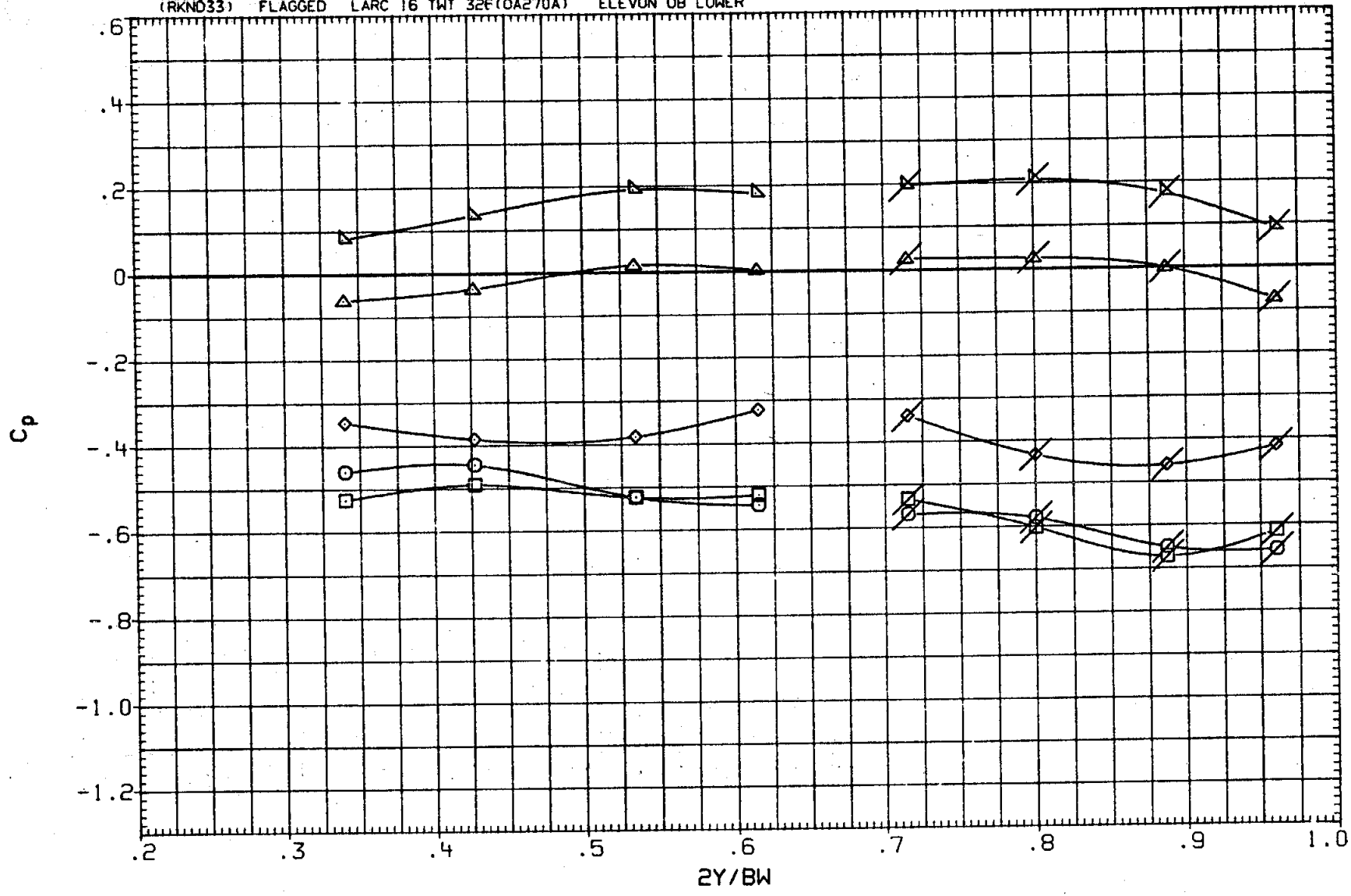


FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ELEVON	XE/CE	MACH
○	-20.035	.400	.799
□	-10.025		
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC33)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND33)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

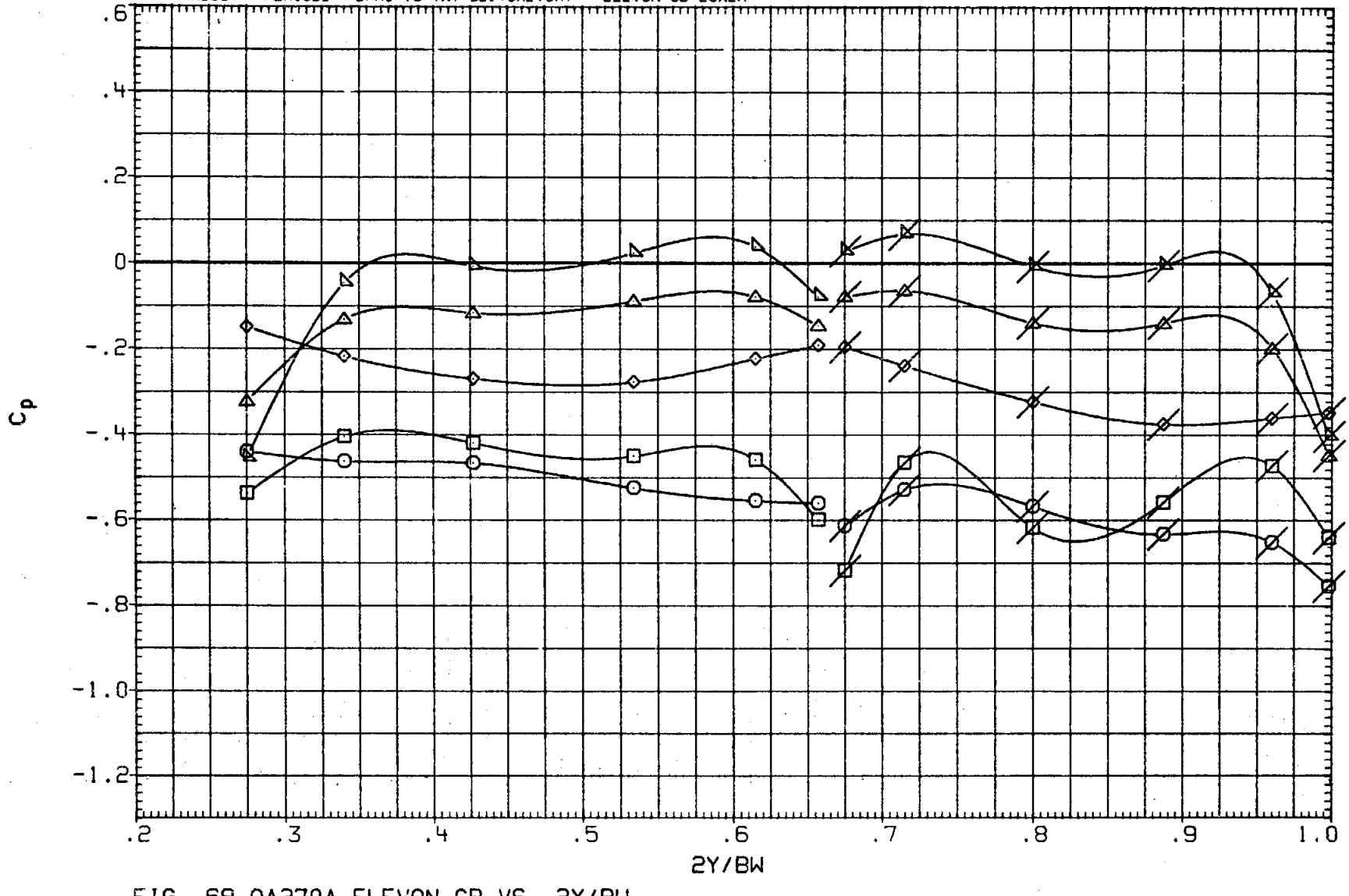


FIG. 68 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

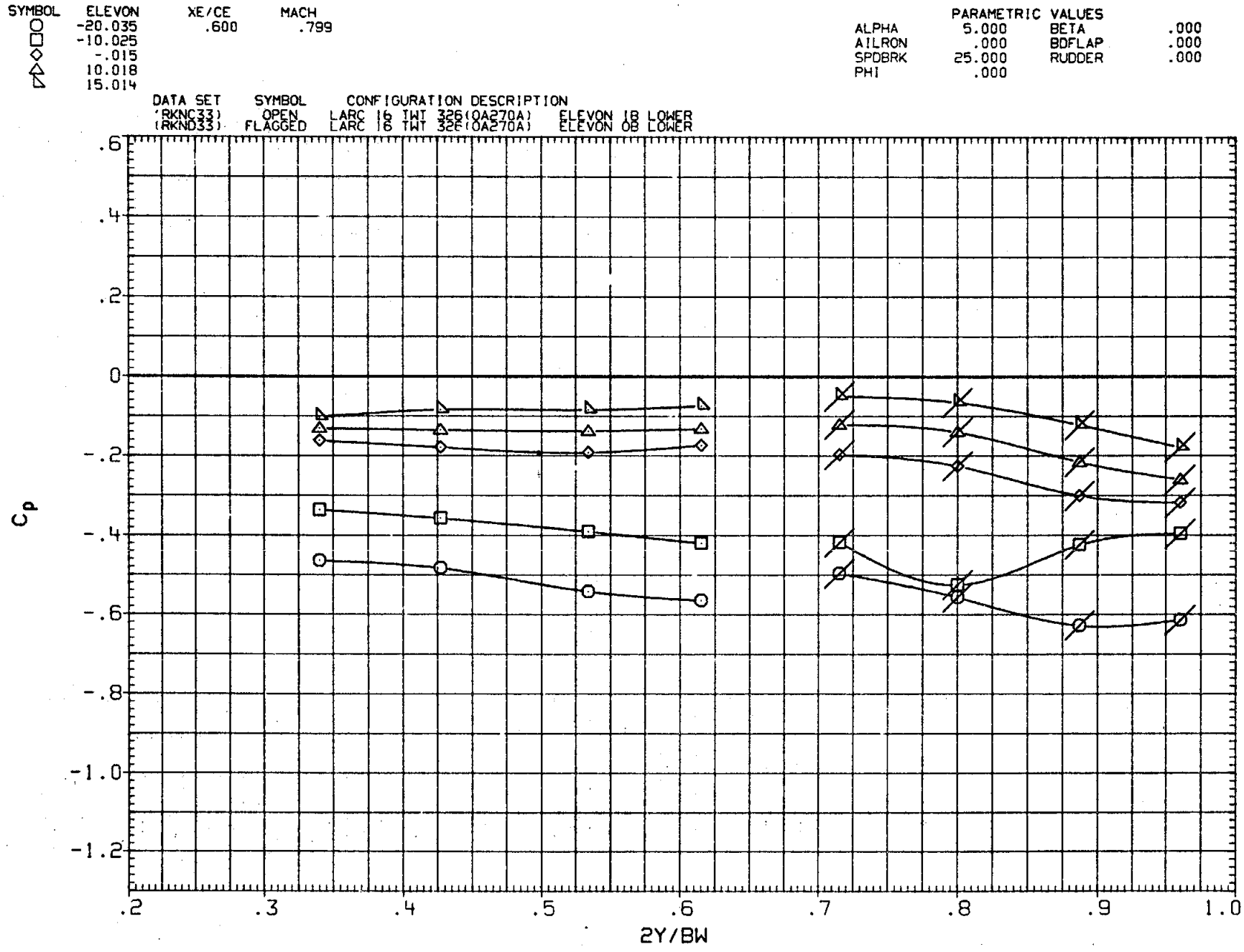


FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

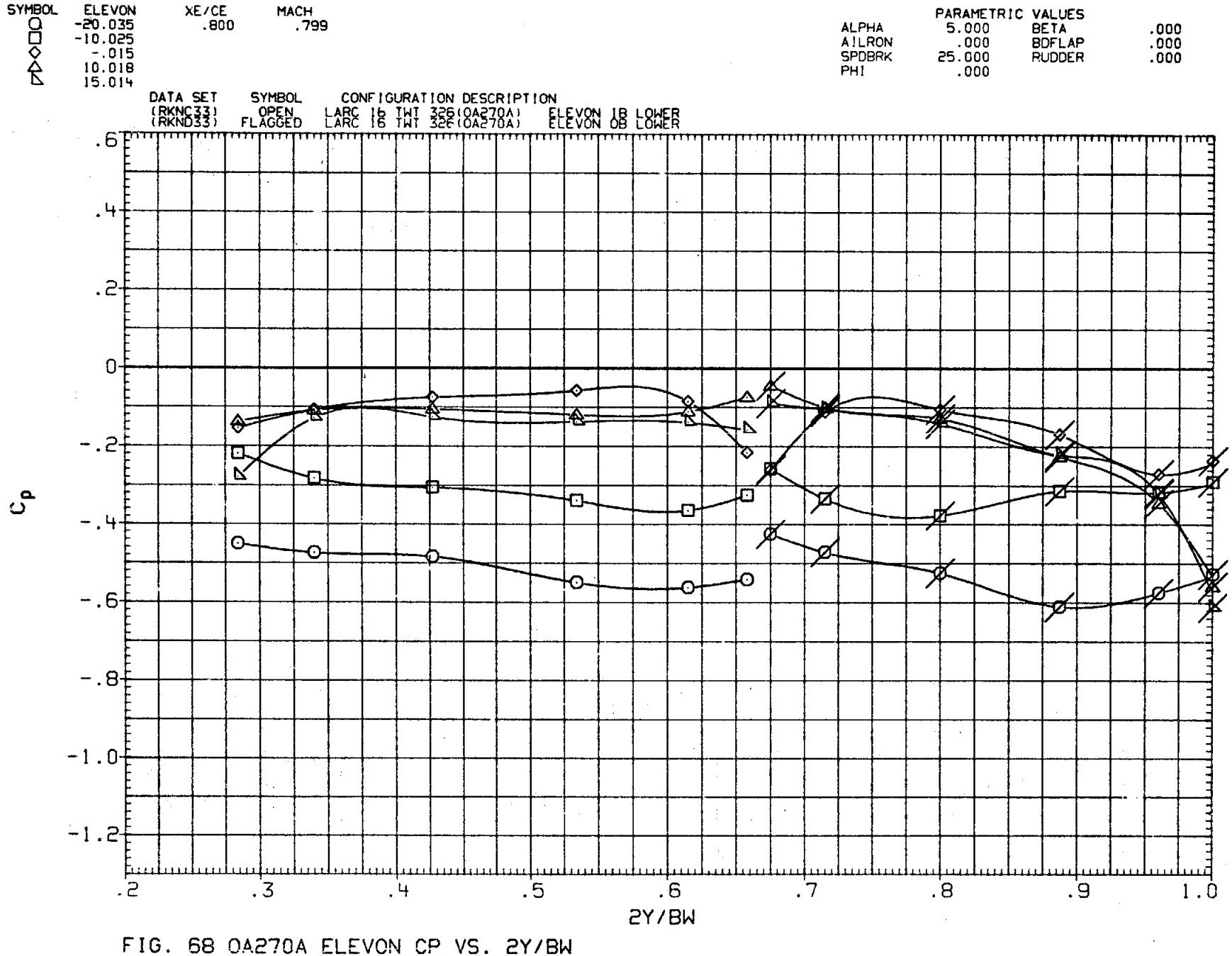


FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ELEVON	XE/CE	MACH
○	-20.040	-.100	1.049
□	-10.009		
◇	.002		
△	10.022		
▷	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC33)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB LOWER
(RKND33)	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB LOWER

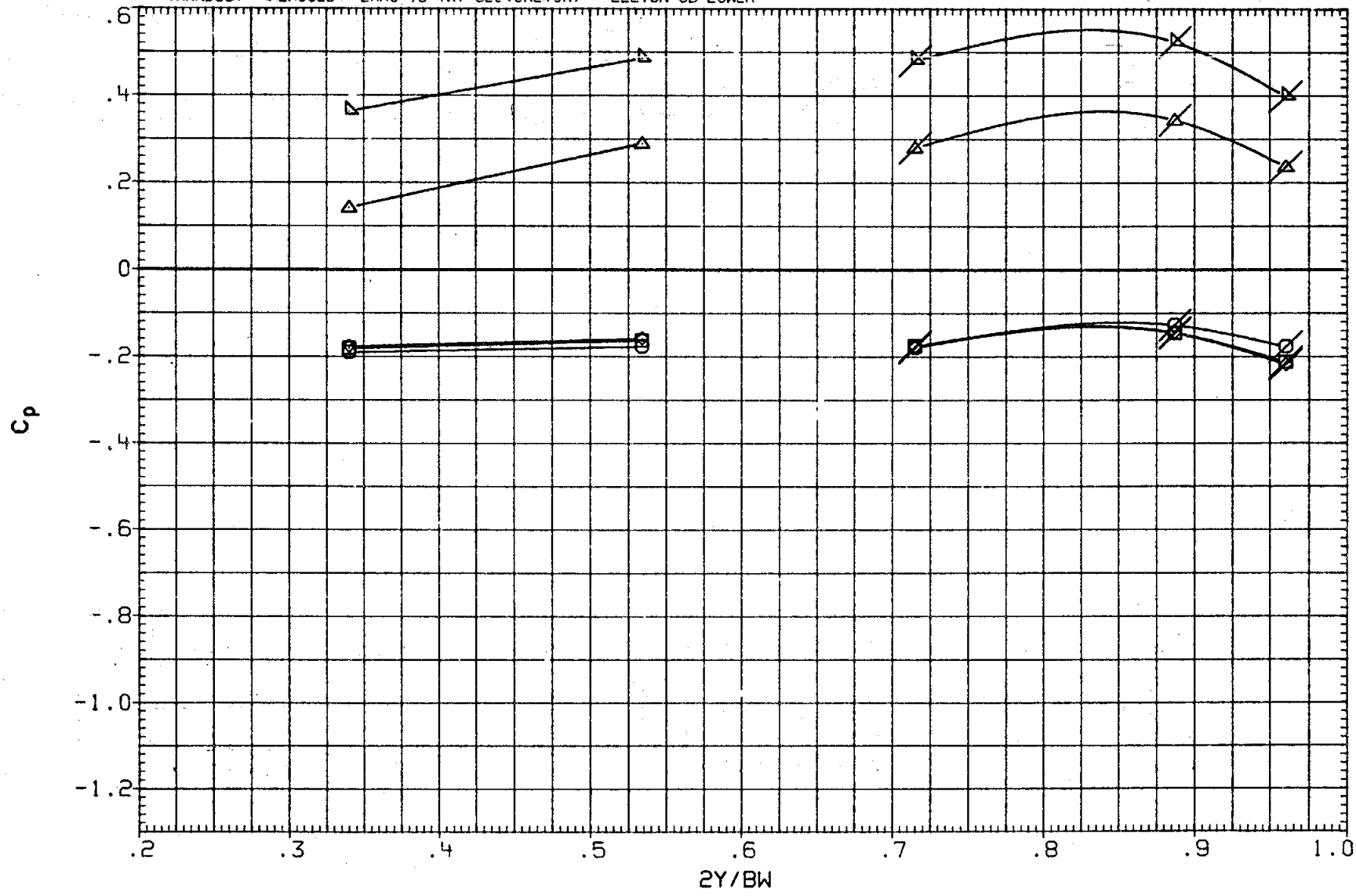


FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

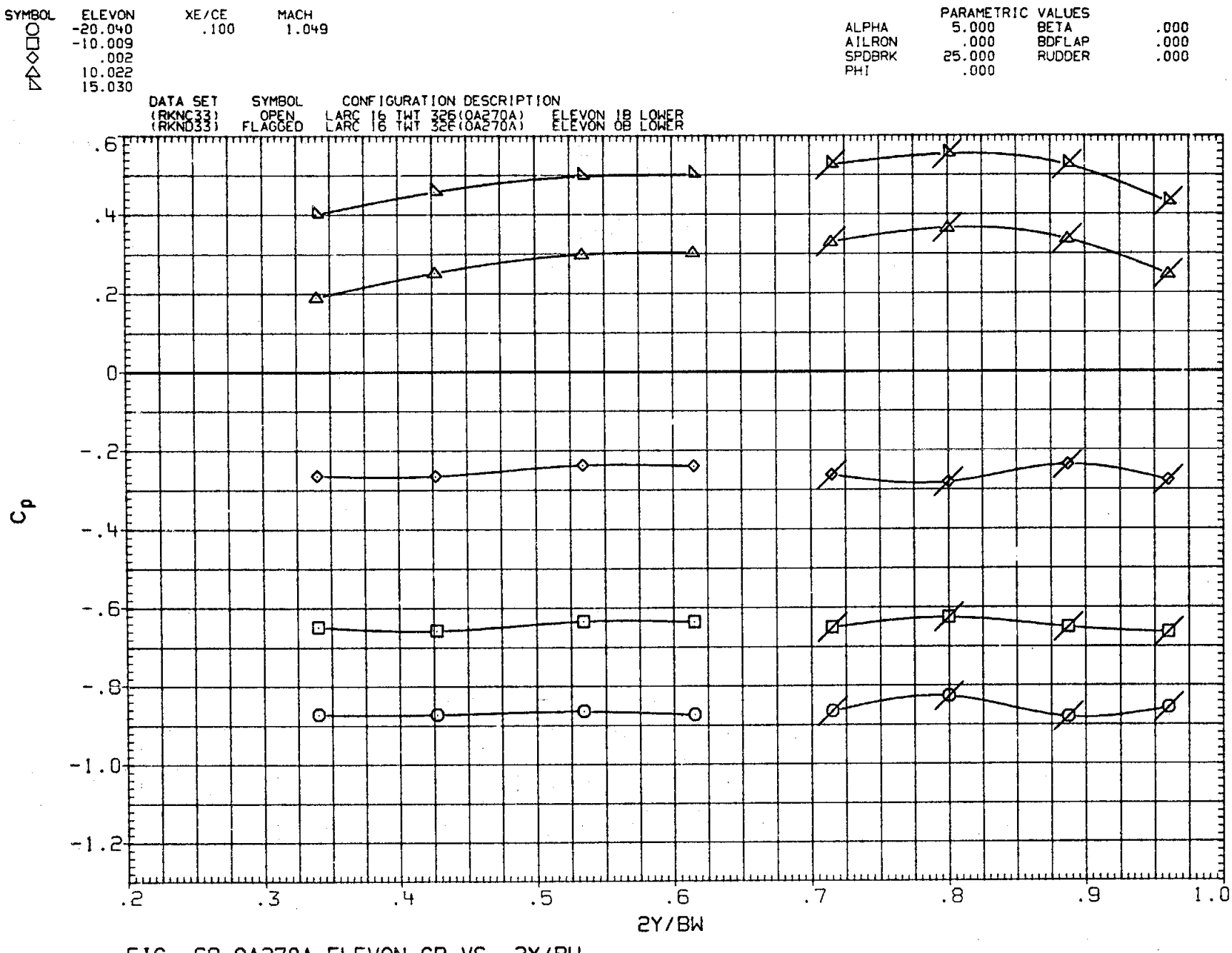


FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

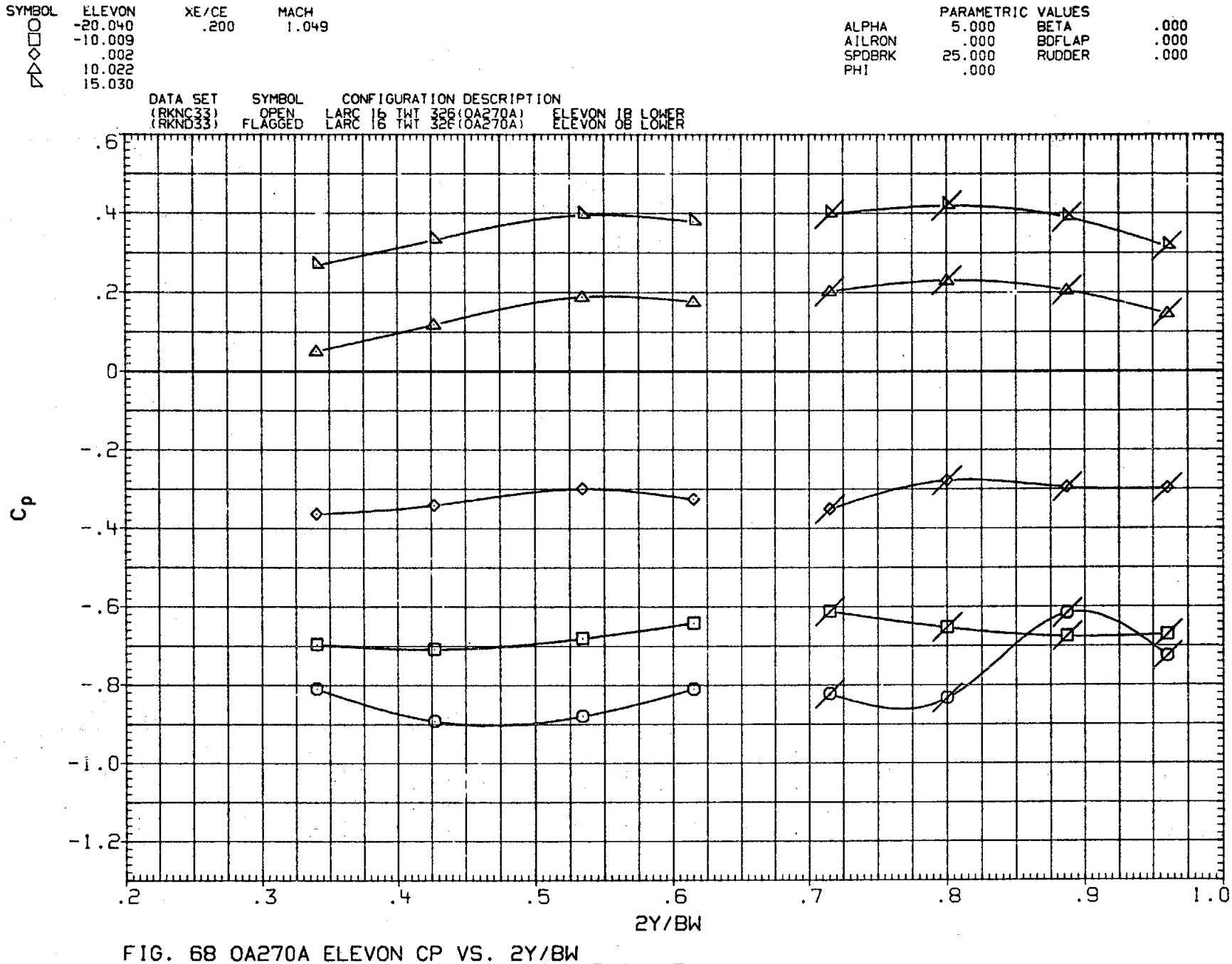


FIG. 68 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

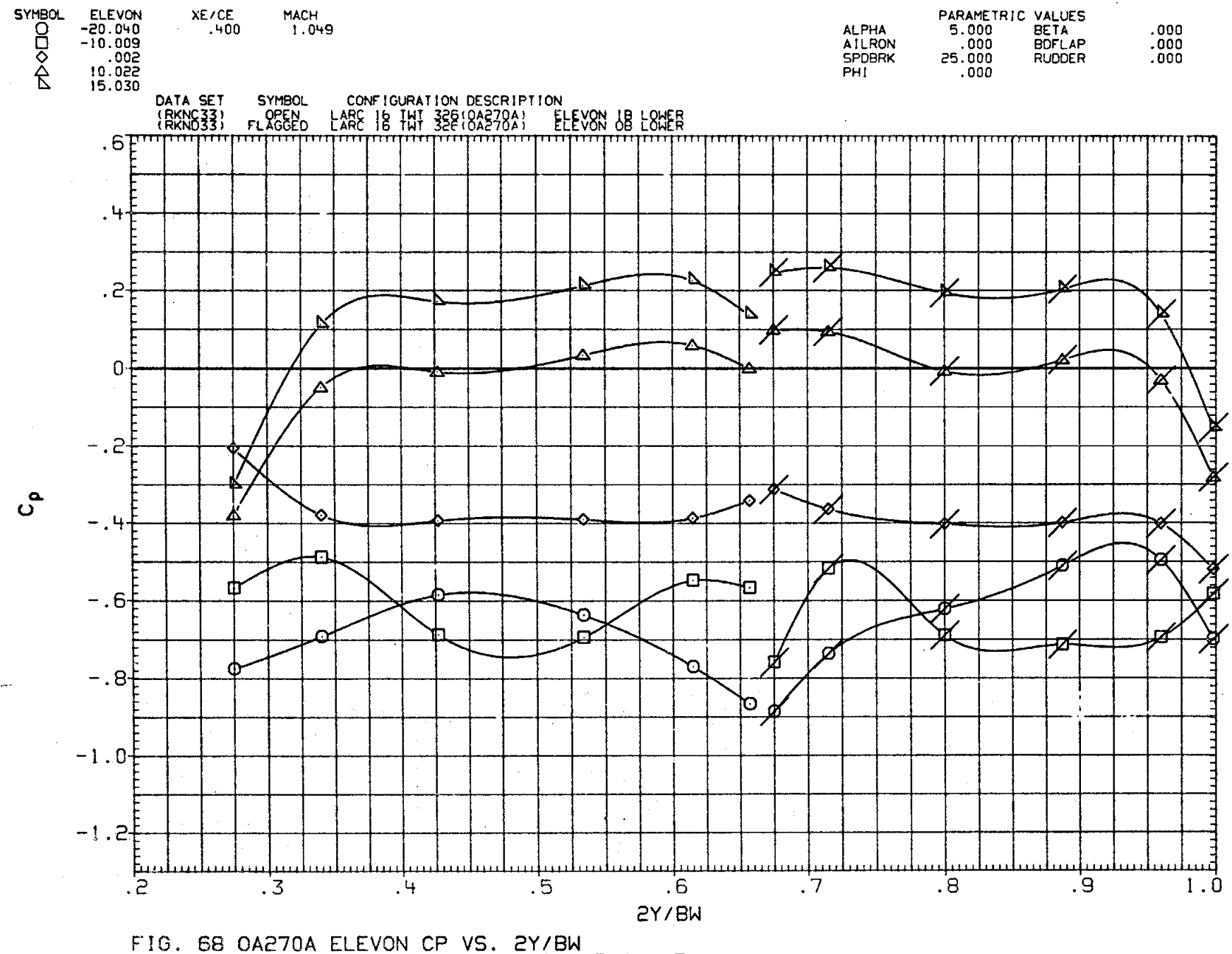


FIG. 68 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

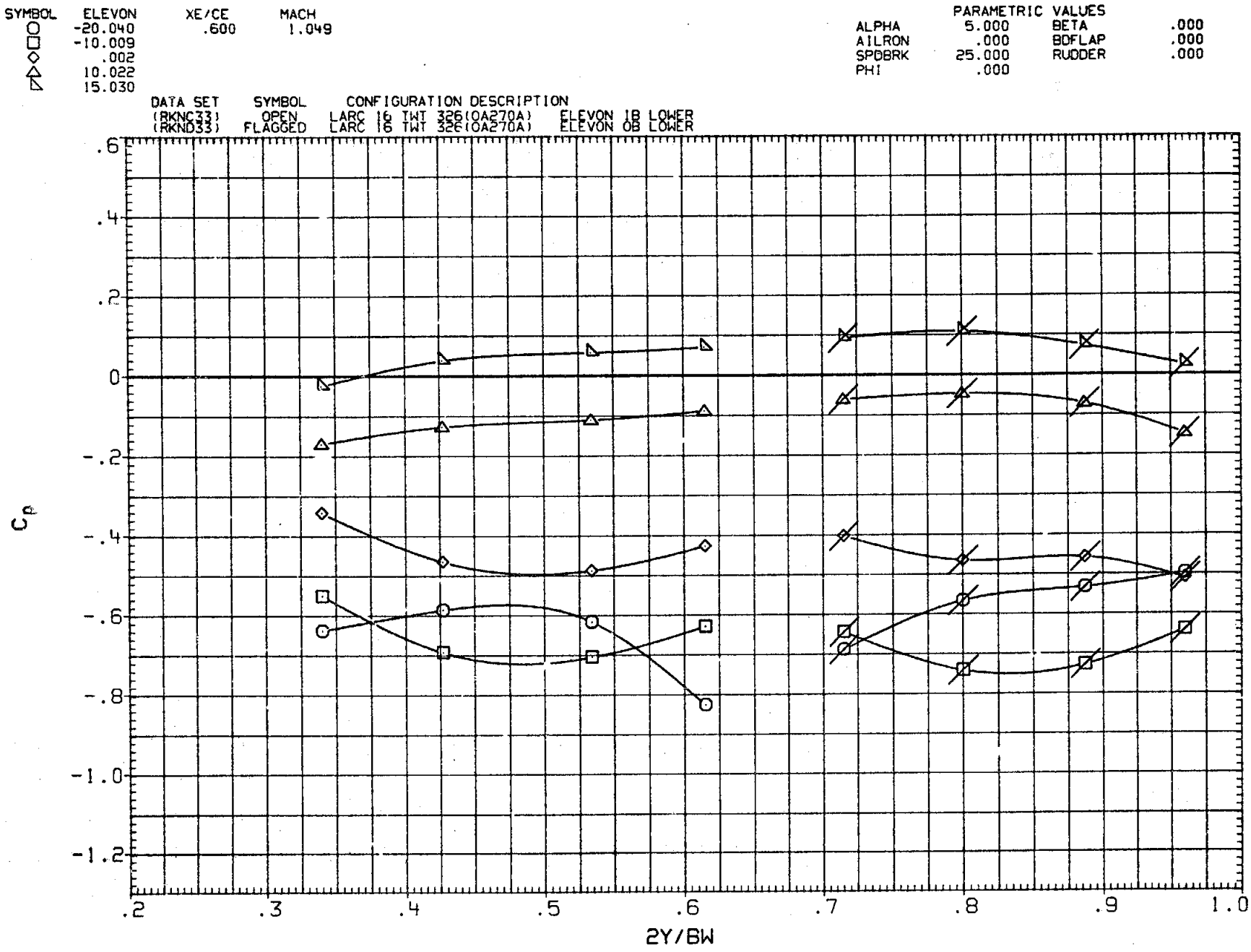


FIG. 68 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ELEVON	XE/CE	MACH
○	-20.040	.800	1.049
□	-10.009		
◇	.002		
◁	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC33)	OPEN	LARC 16 TWT 326(0A270A) ELEVON 1B LOWER
(RKND33)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON 0B LOWER

FIG. 68 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ELEVON EFFECT AT ALPHA = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	-.100	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC[])	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND[])	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

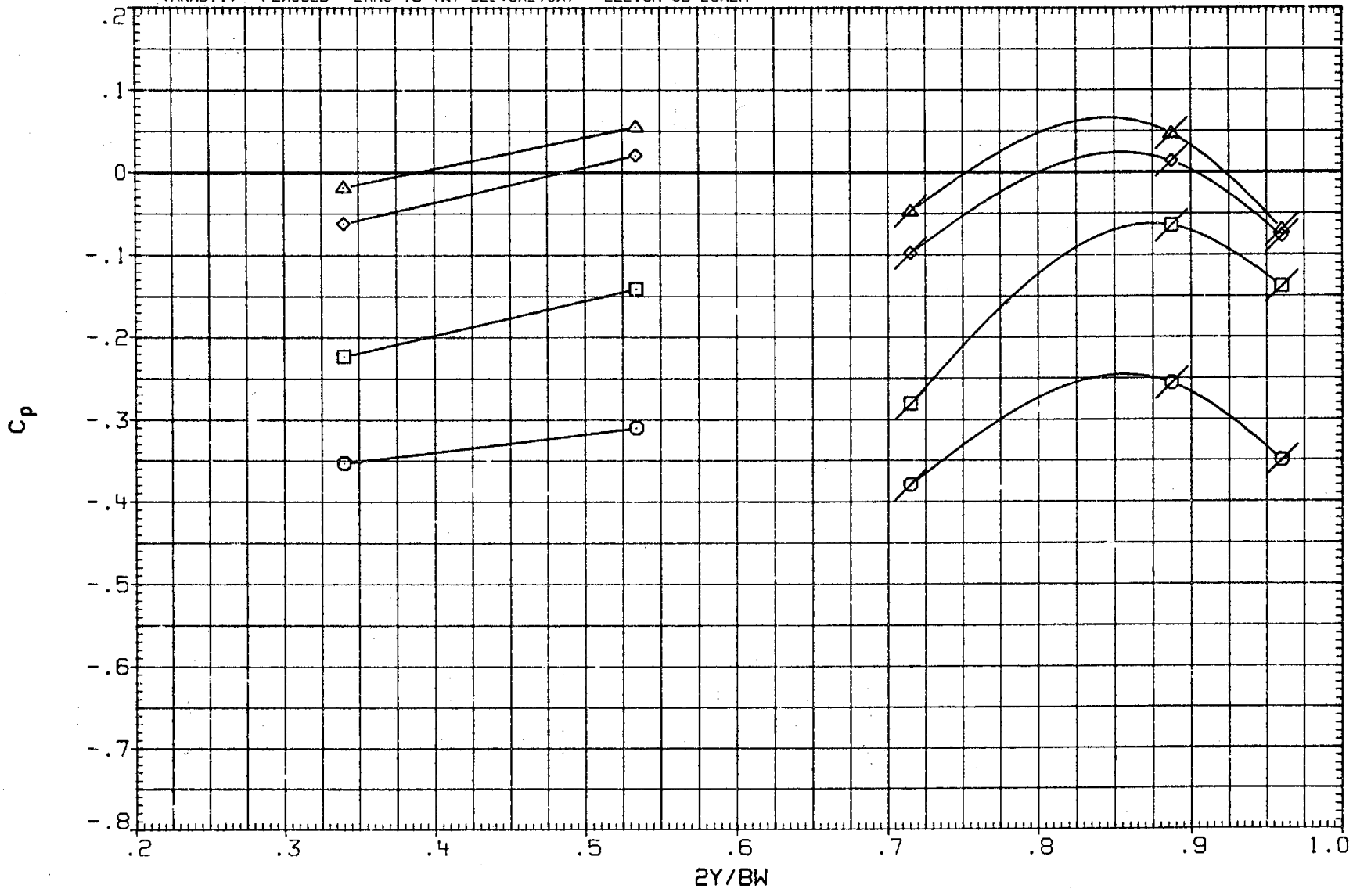


FIG. 69 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.100	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC[1])	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND[1])	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

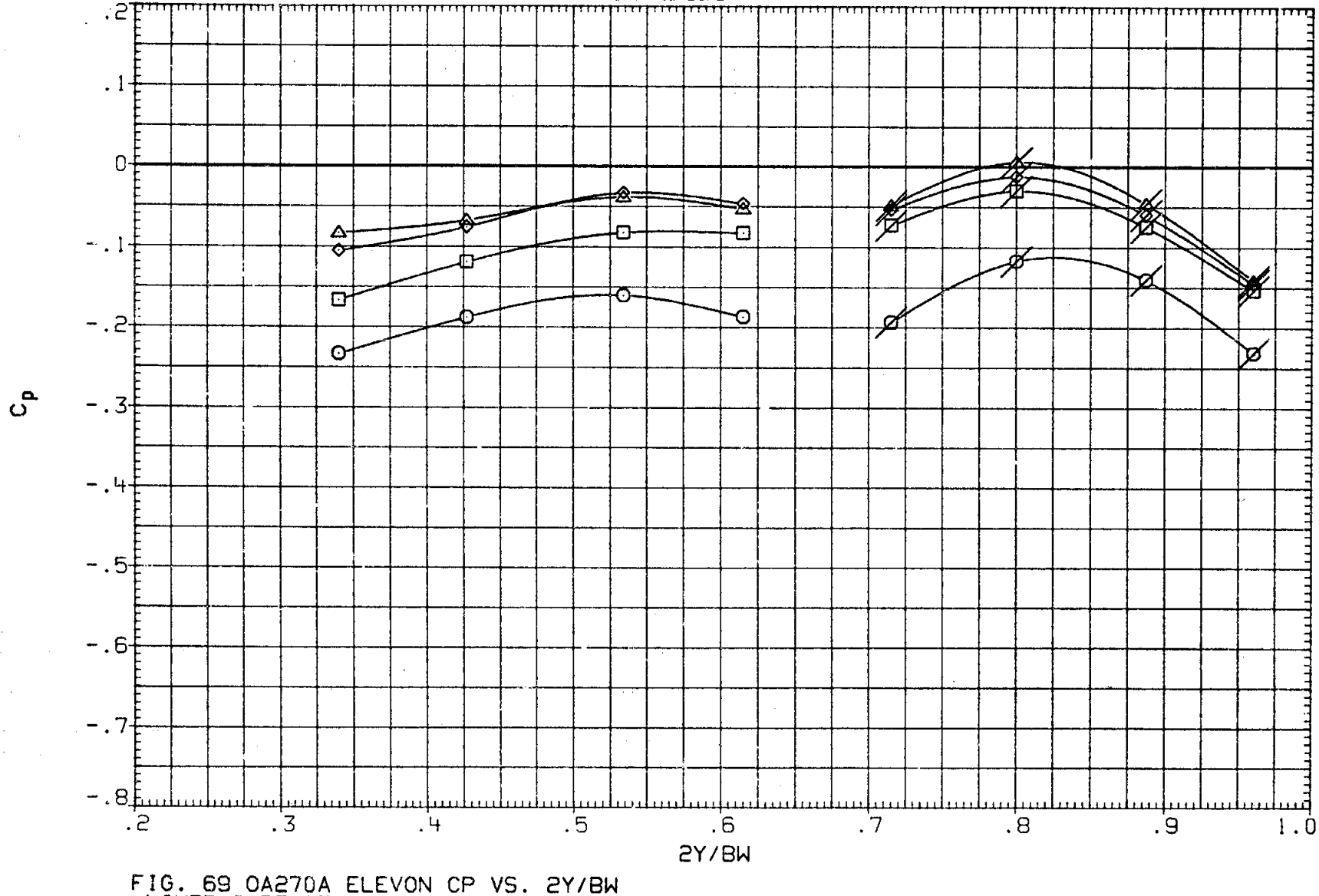


FIG. 69 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.200	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC[1])	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND[1])	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

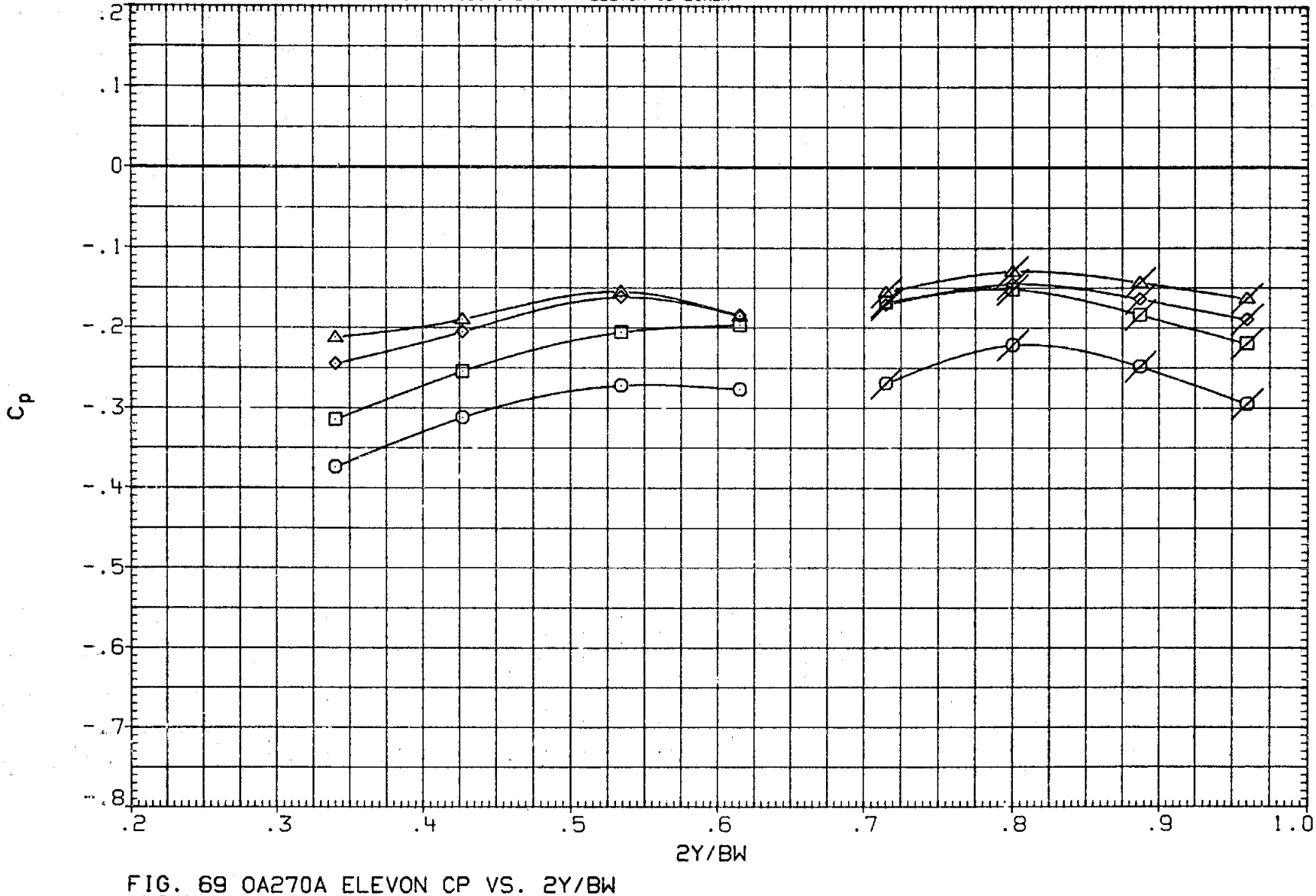


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.400	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC1)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND1)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

FIG. 69 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.118	.600	.950
□	5.100		
◇	10.126		
△	15.127		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC||)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND||)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

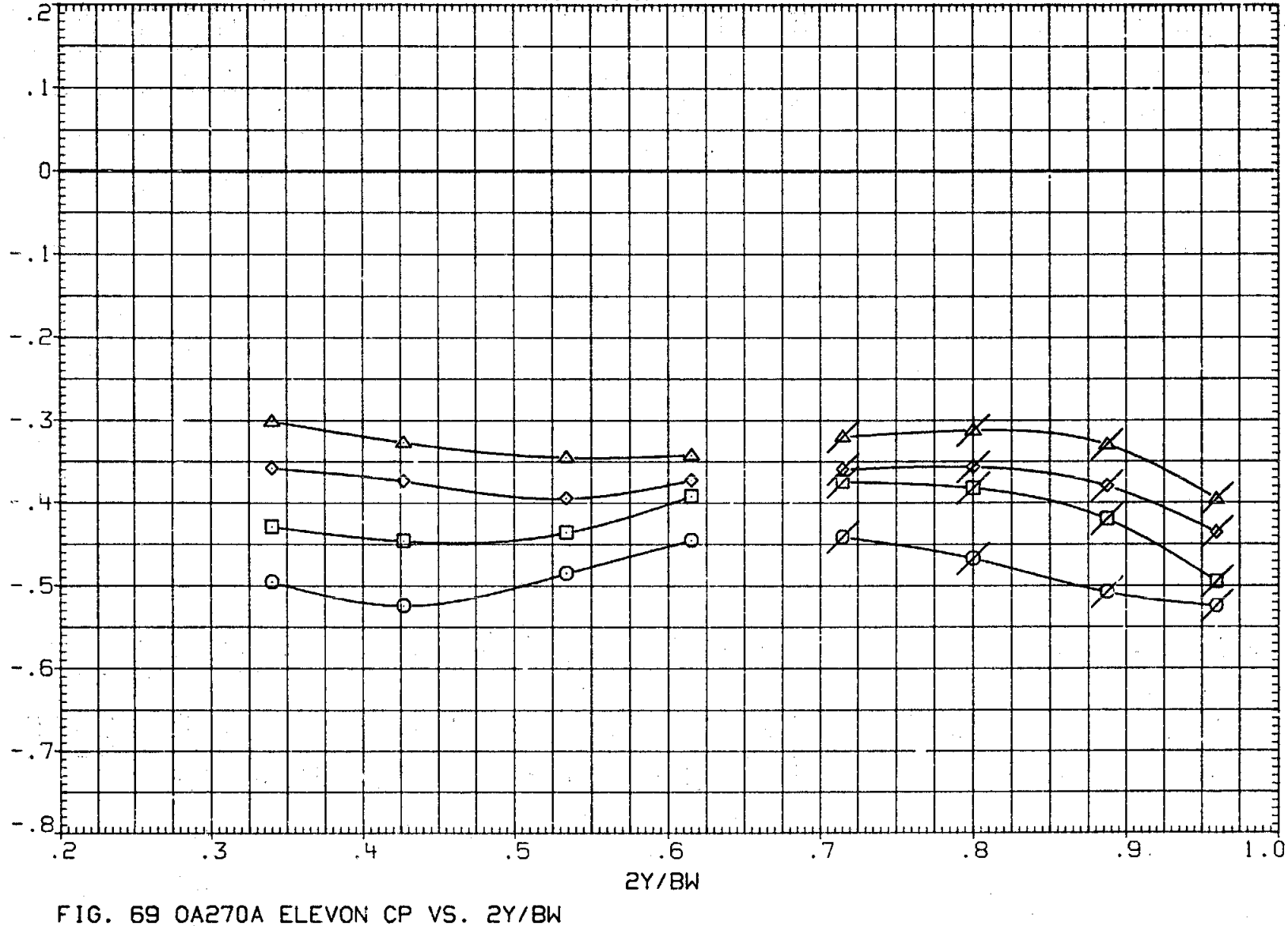


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

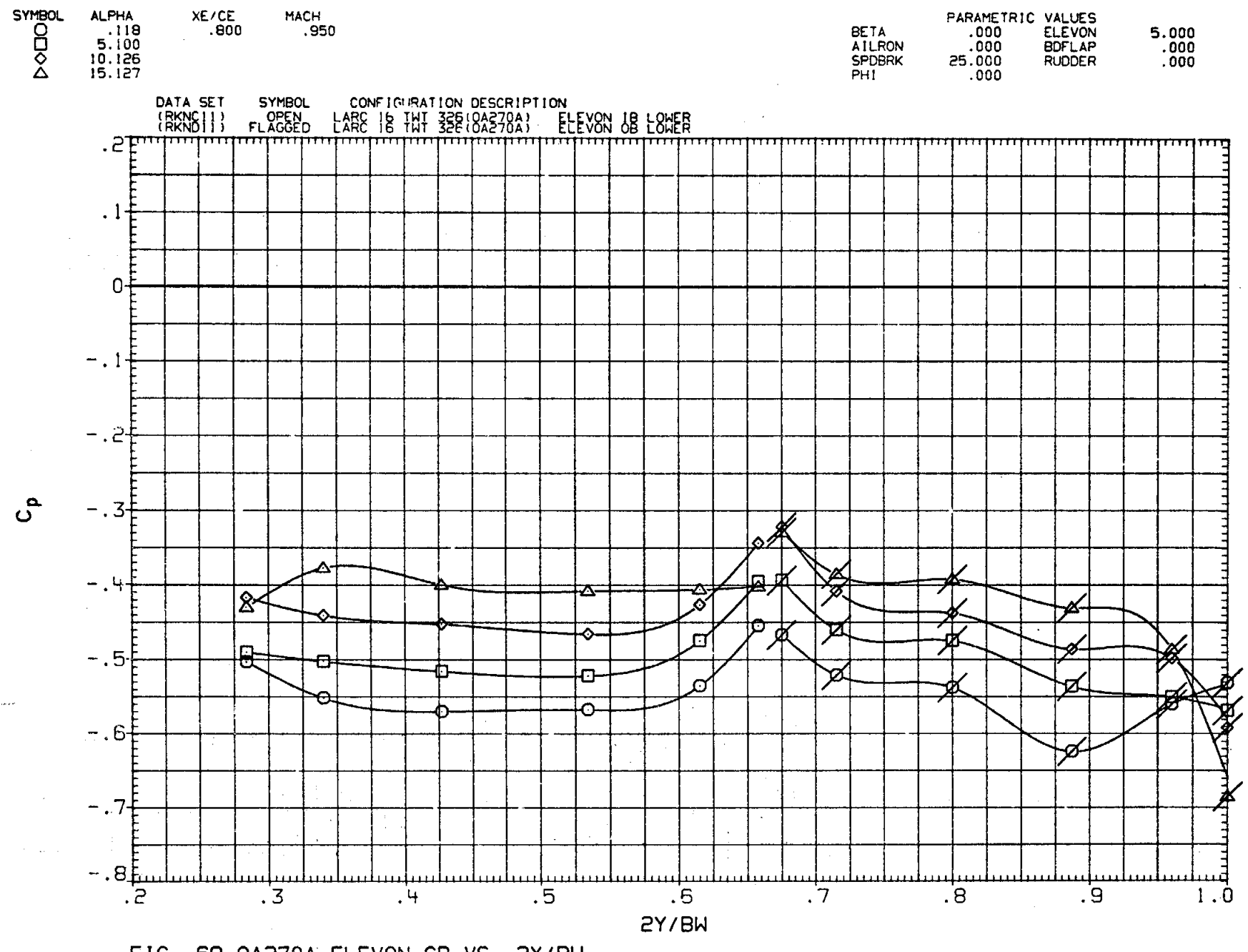


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	-.100	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC11)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND11)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

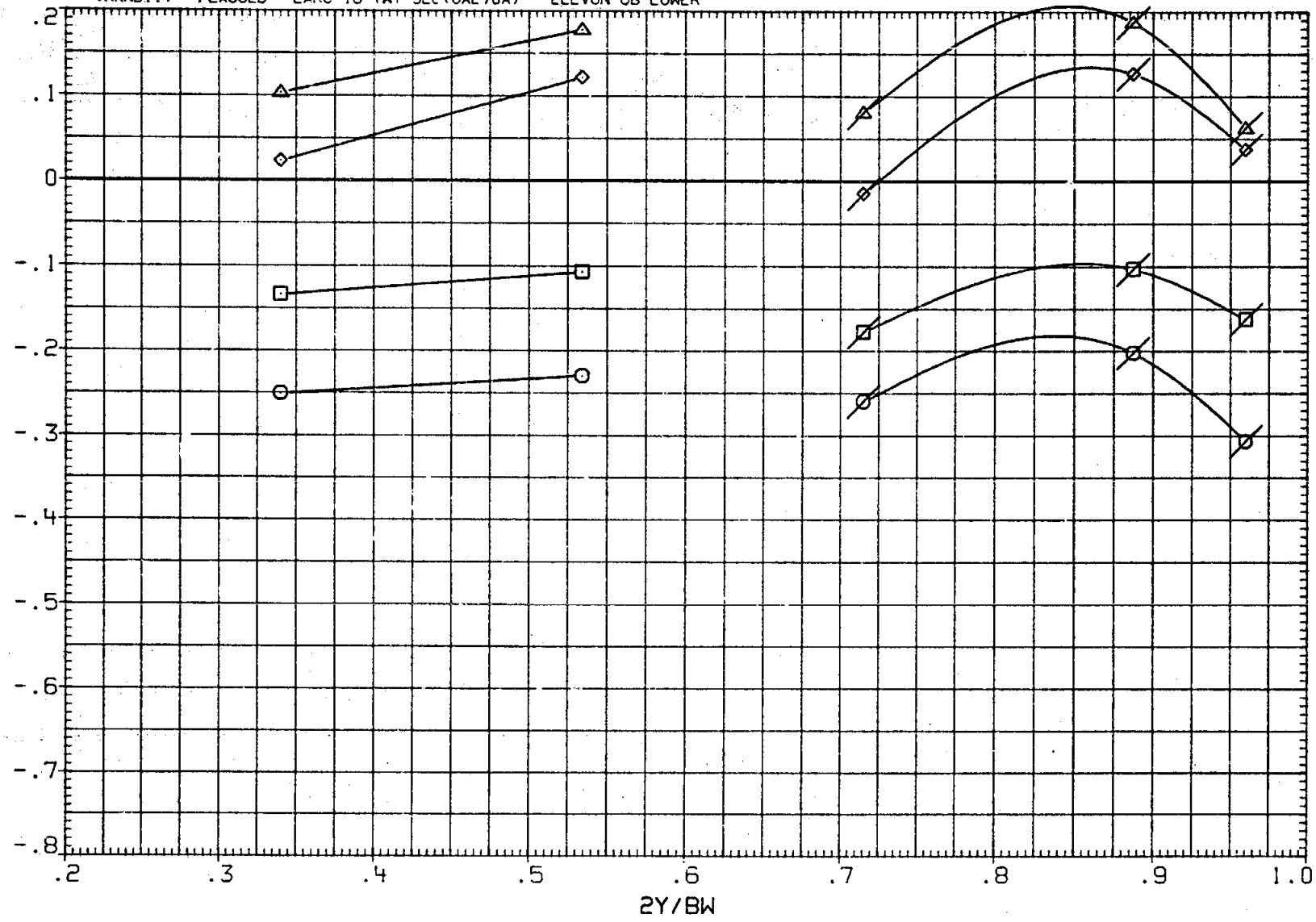


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.100	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC[1])	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND[1])	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

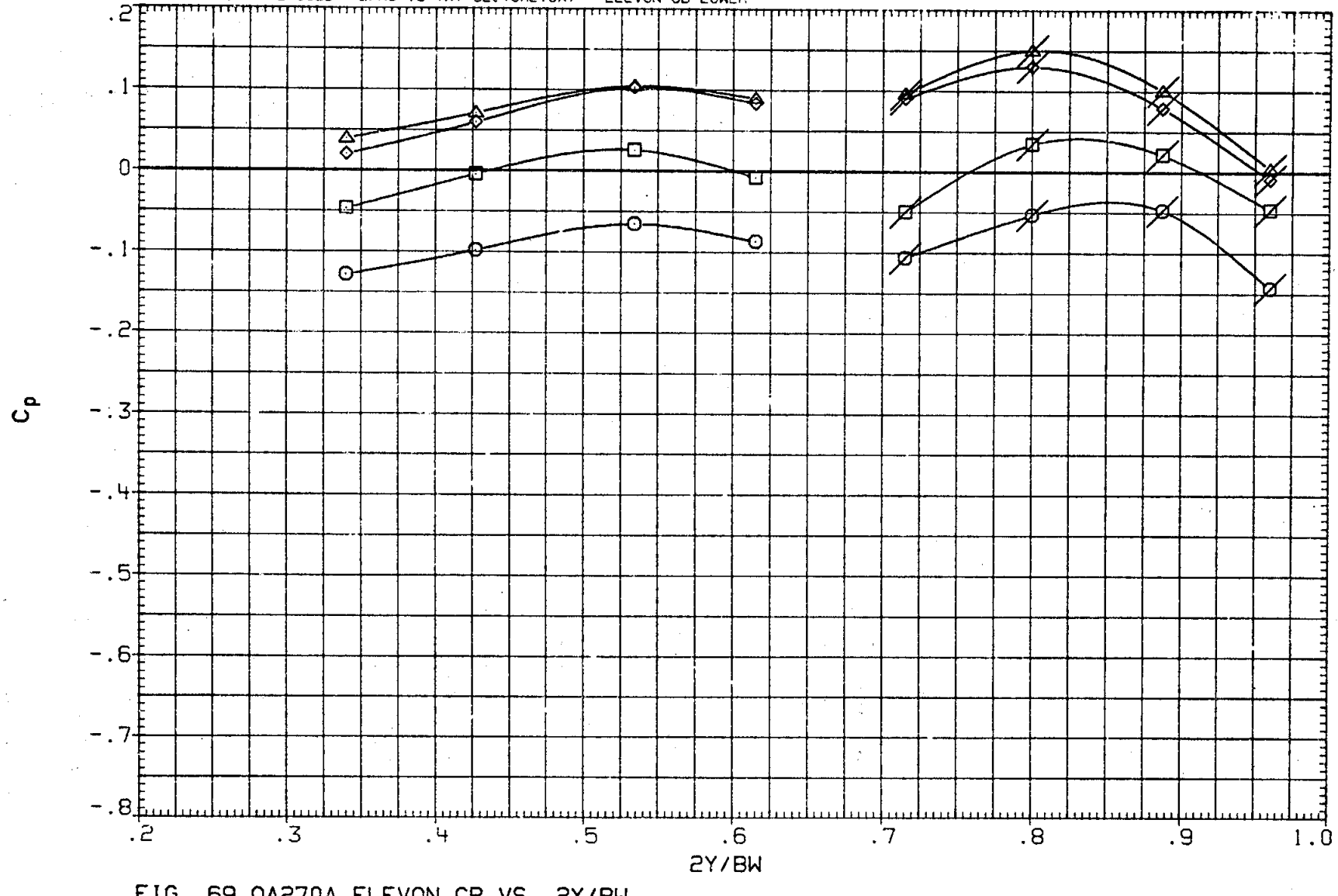


FIG. 69 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.200	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC[1])	OPEN	LARC 16 TWT 326(0A270A)	ELEVON IB LOWER
(RKND[1])	FLAGGED	LARC 16 TWT 326(0A270A)	ELEVON OB LOWER

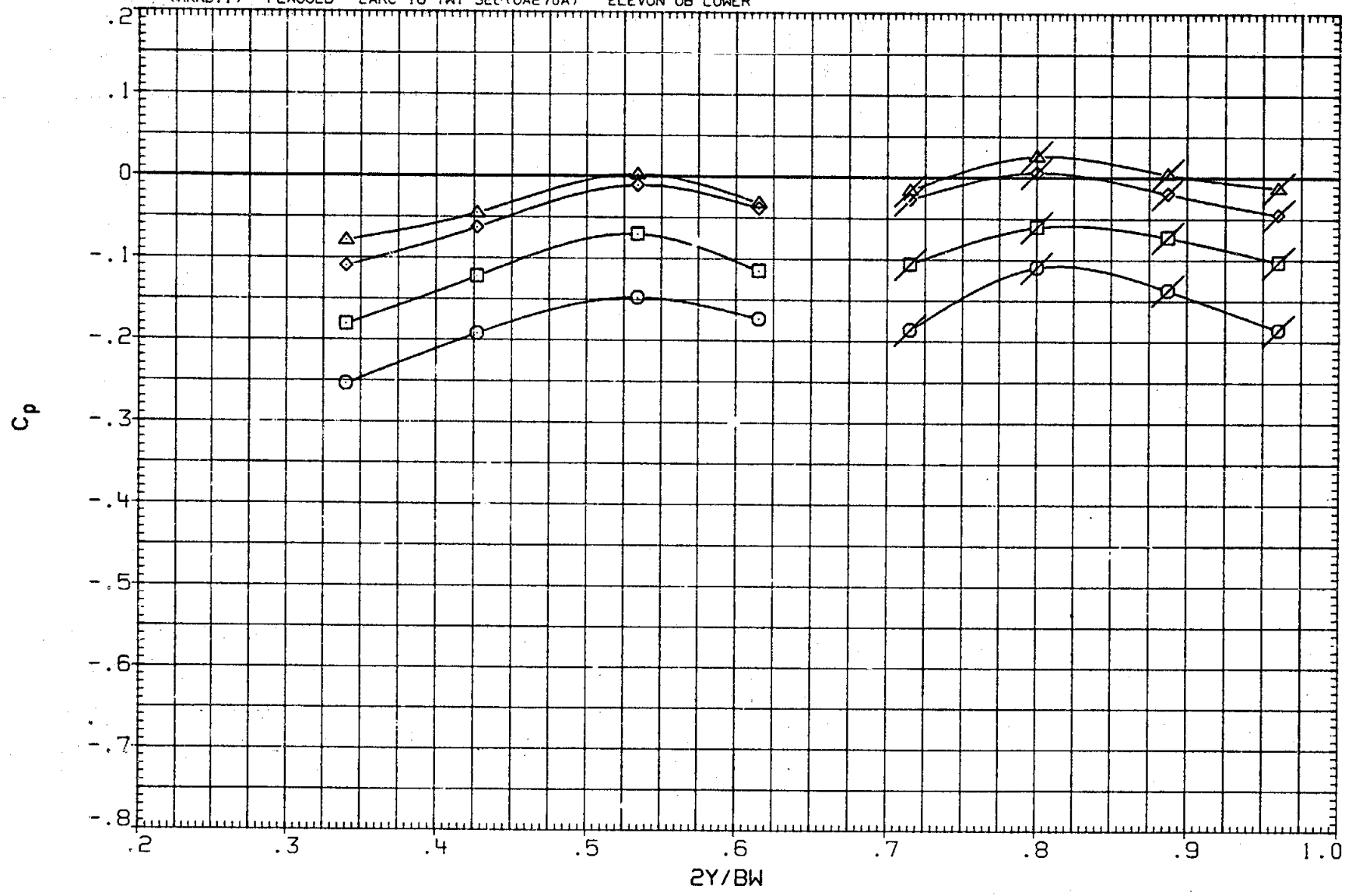


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.400	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC11)	OPEN	LARC 16 TWT 326(OA270A)	ELEVON IB LOWER
(RKND11)	FLAGGED	LARC 16 TWT 326(OA270A)	ELEVON OB LOWER

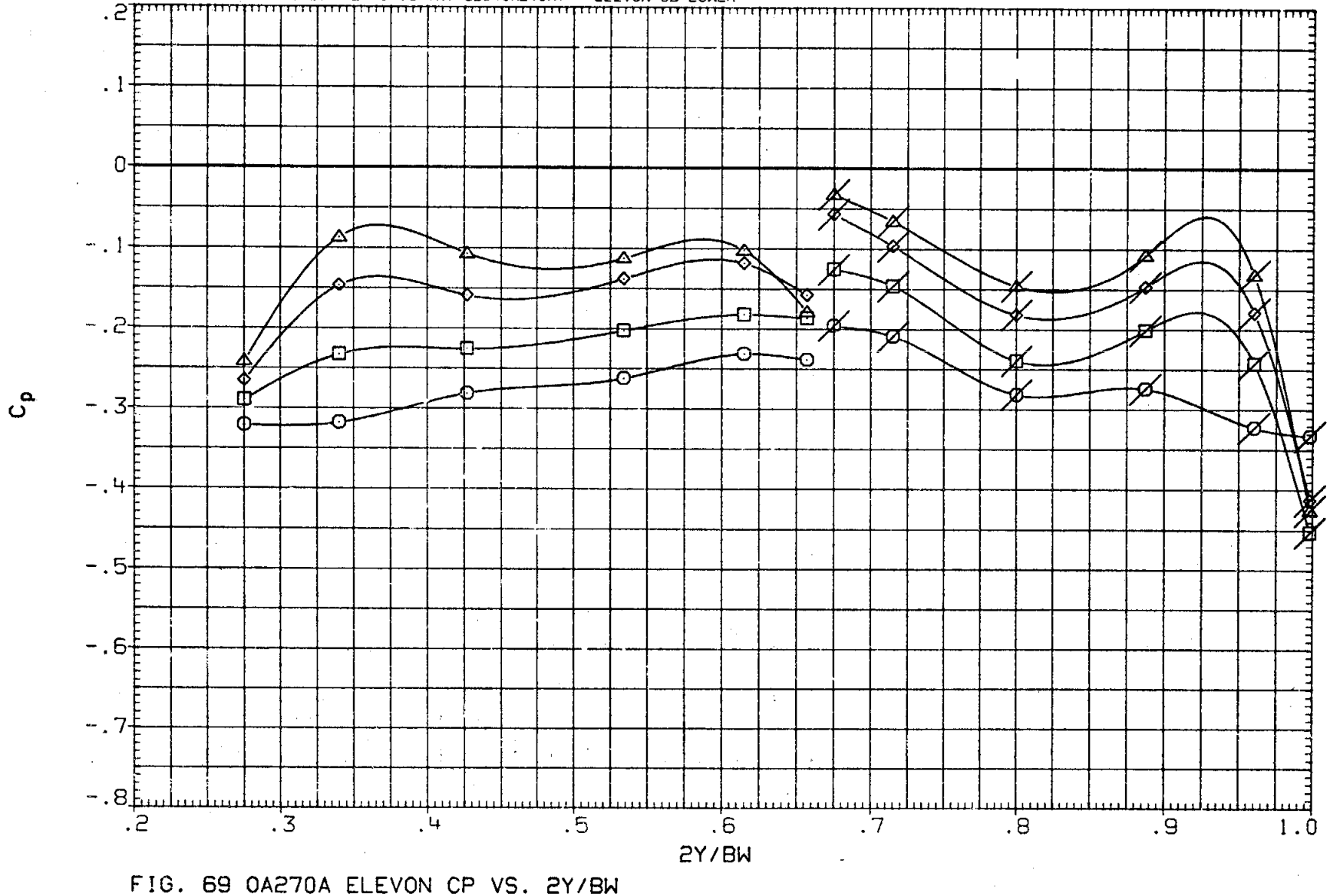


FIG. 69 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.600	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES			
BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC[1])	OPEN	LARC 16 TWT 326(0A270A)	ELEVON 1B LOWER
(RKND[1])	FLAGGED	LARC 16 TWT 32F(0A270A)	ELEVON 0B LOWER

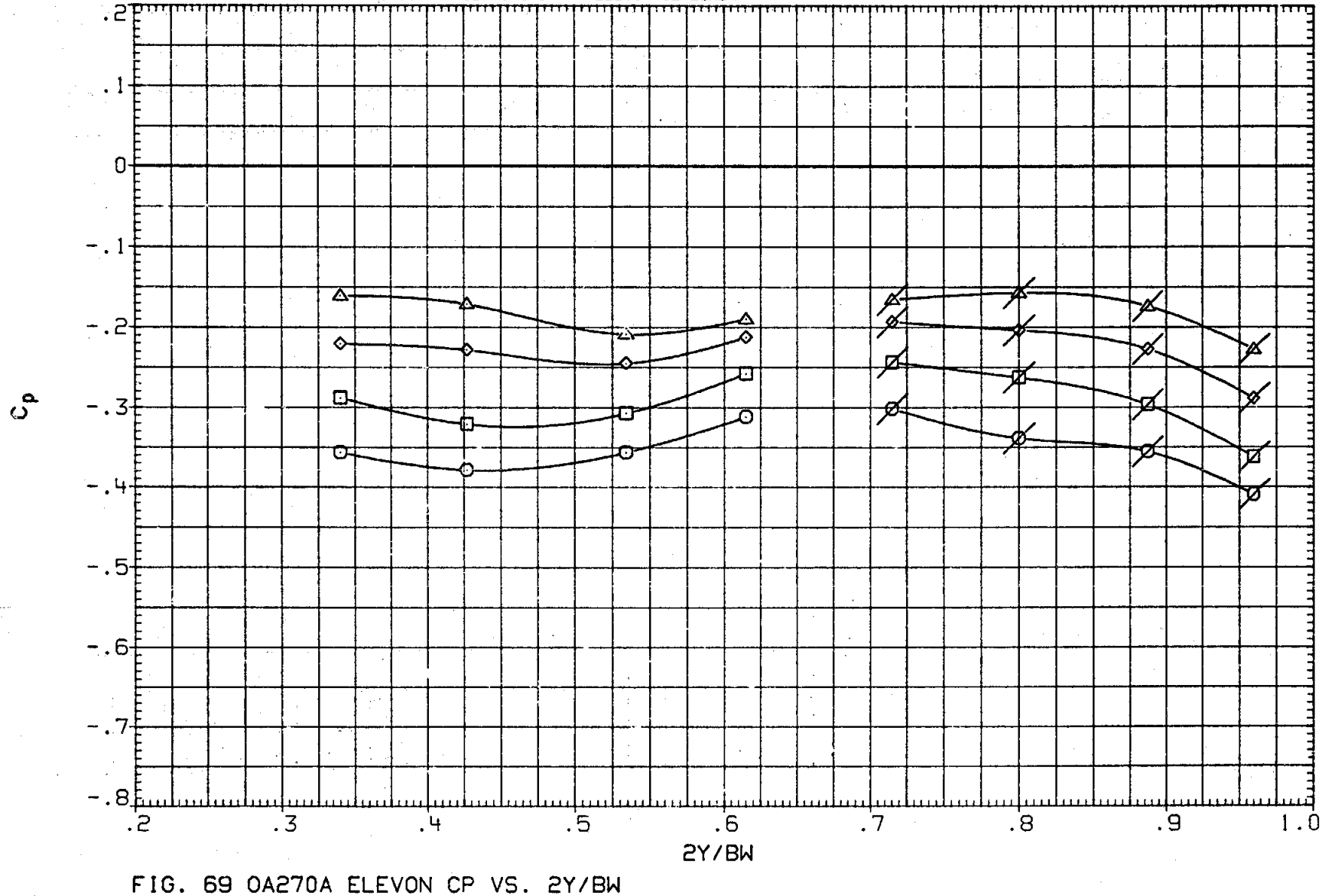


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.115	.800	1.049
□	5.098		
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC11)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND11)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

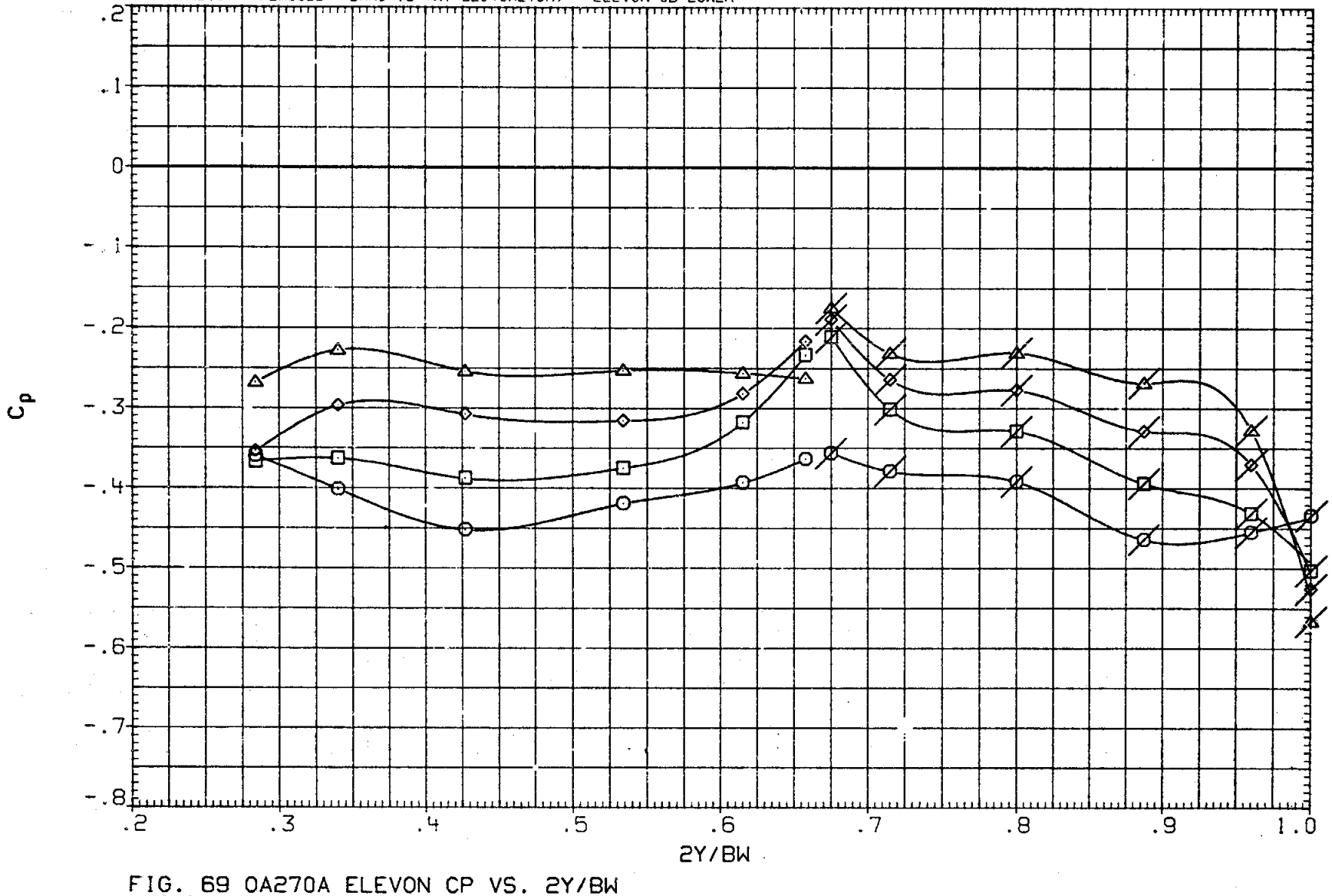


FIG. 69 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = 5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	-.100	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

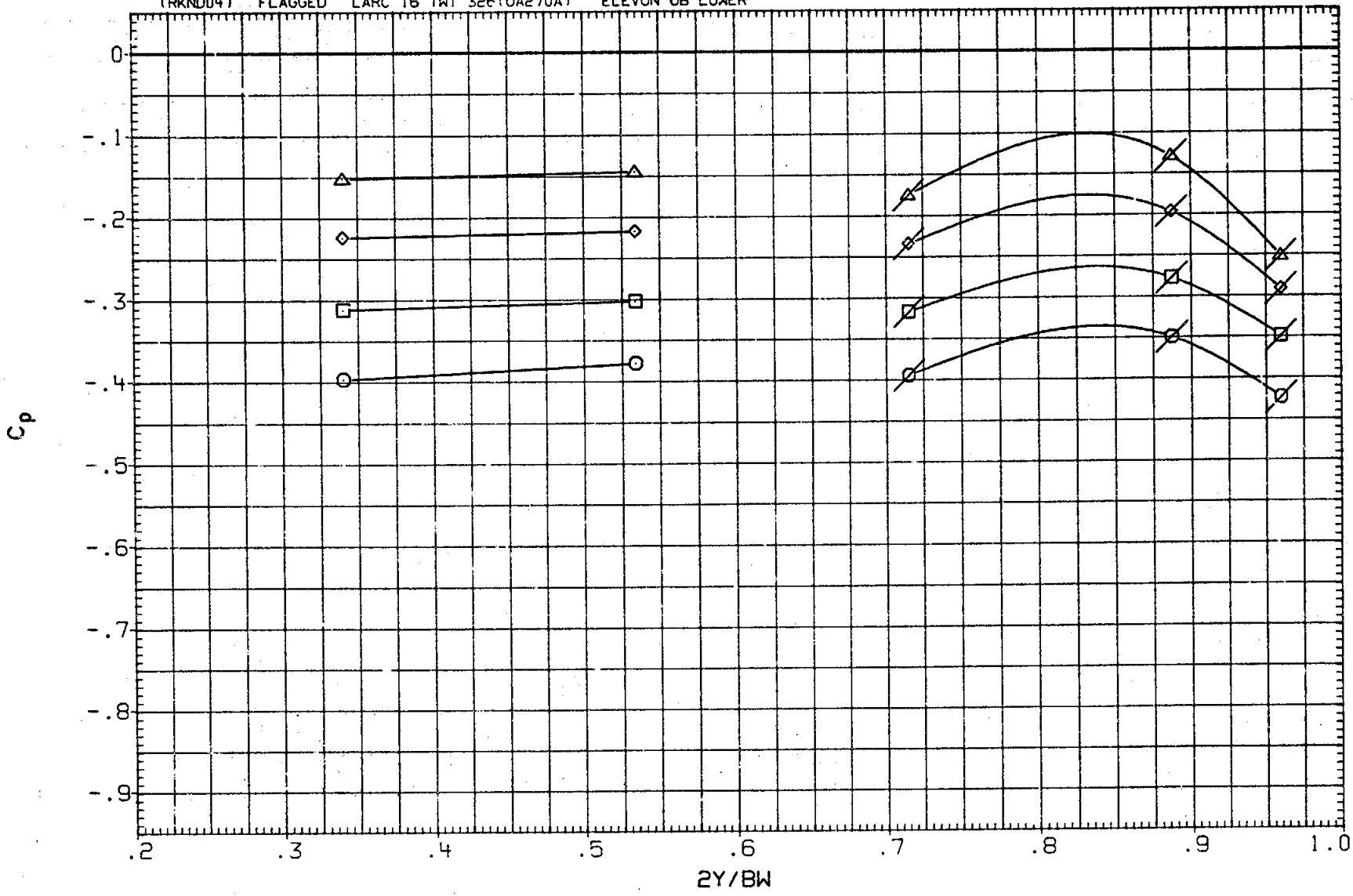


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

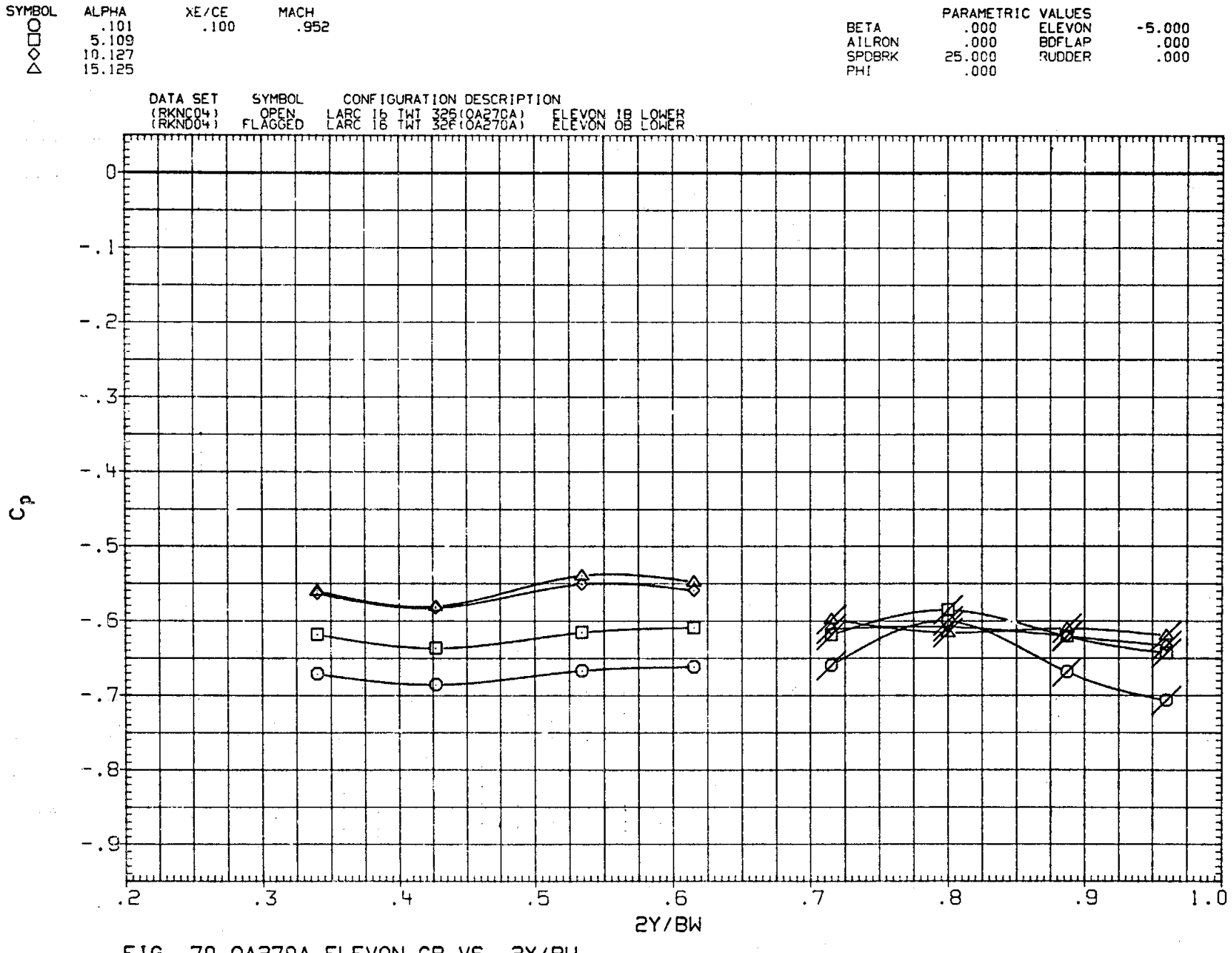


FIG. 70 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	.200	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

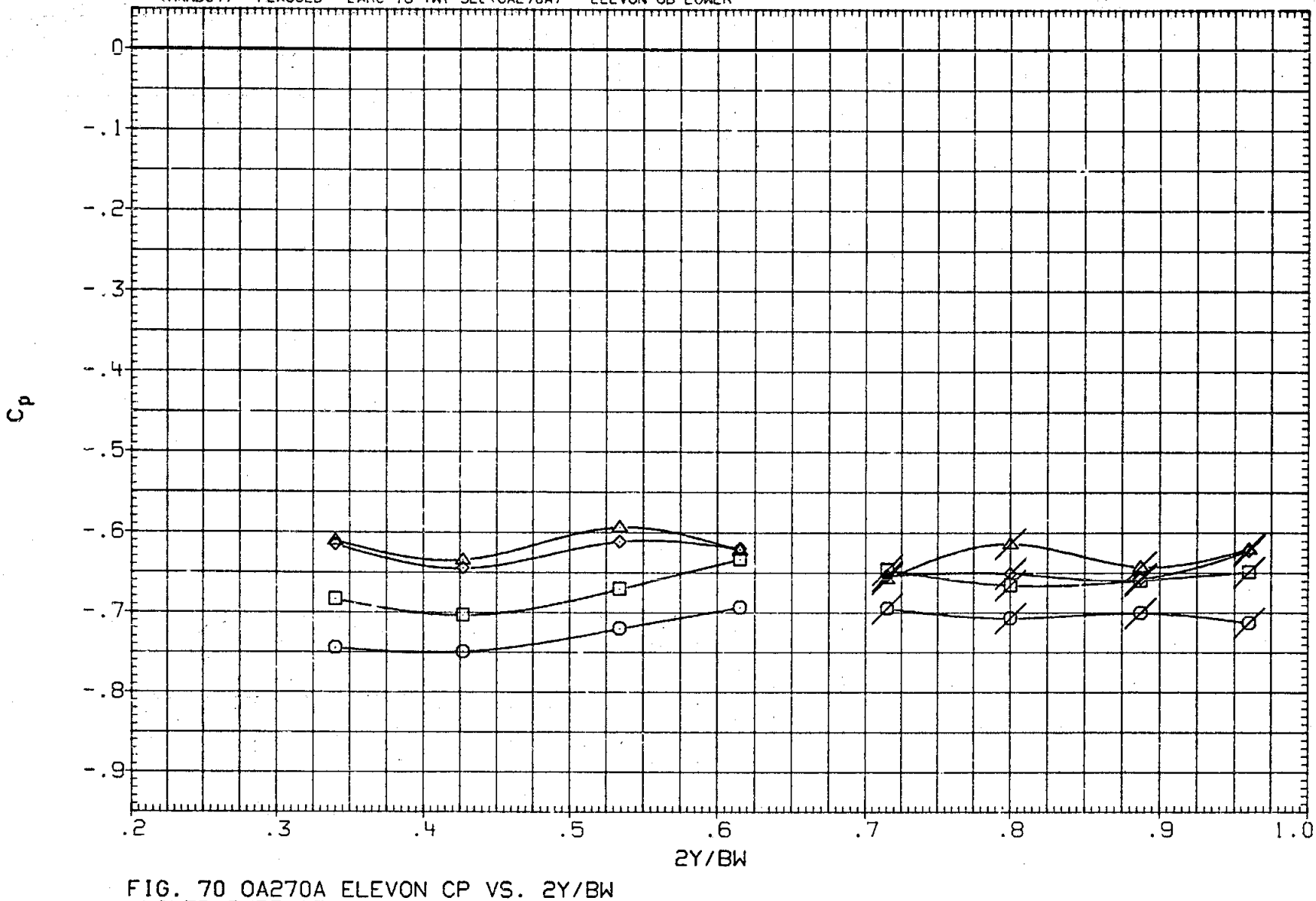


FIG. 70 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	.400	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

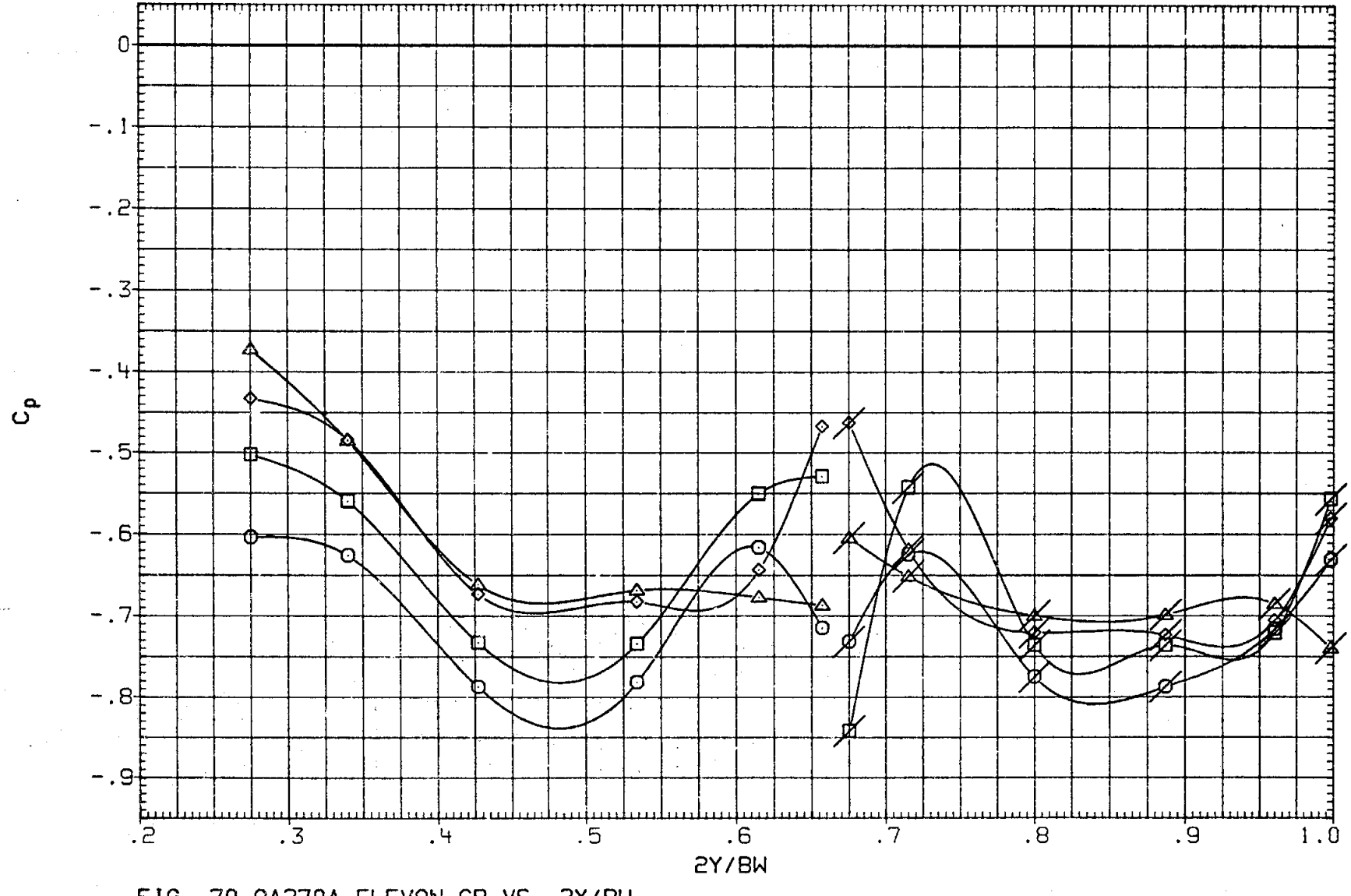


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	.600	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES			
BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(RKNC04)	OPEN	LARC 16 TWT 326(0A270A)	ELEVON 1B LOWER
(RKND04)	FLAGGED	LARC 16 TWT 32C(0A270A)	ELEVON 0B LOWER

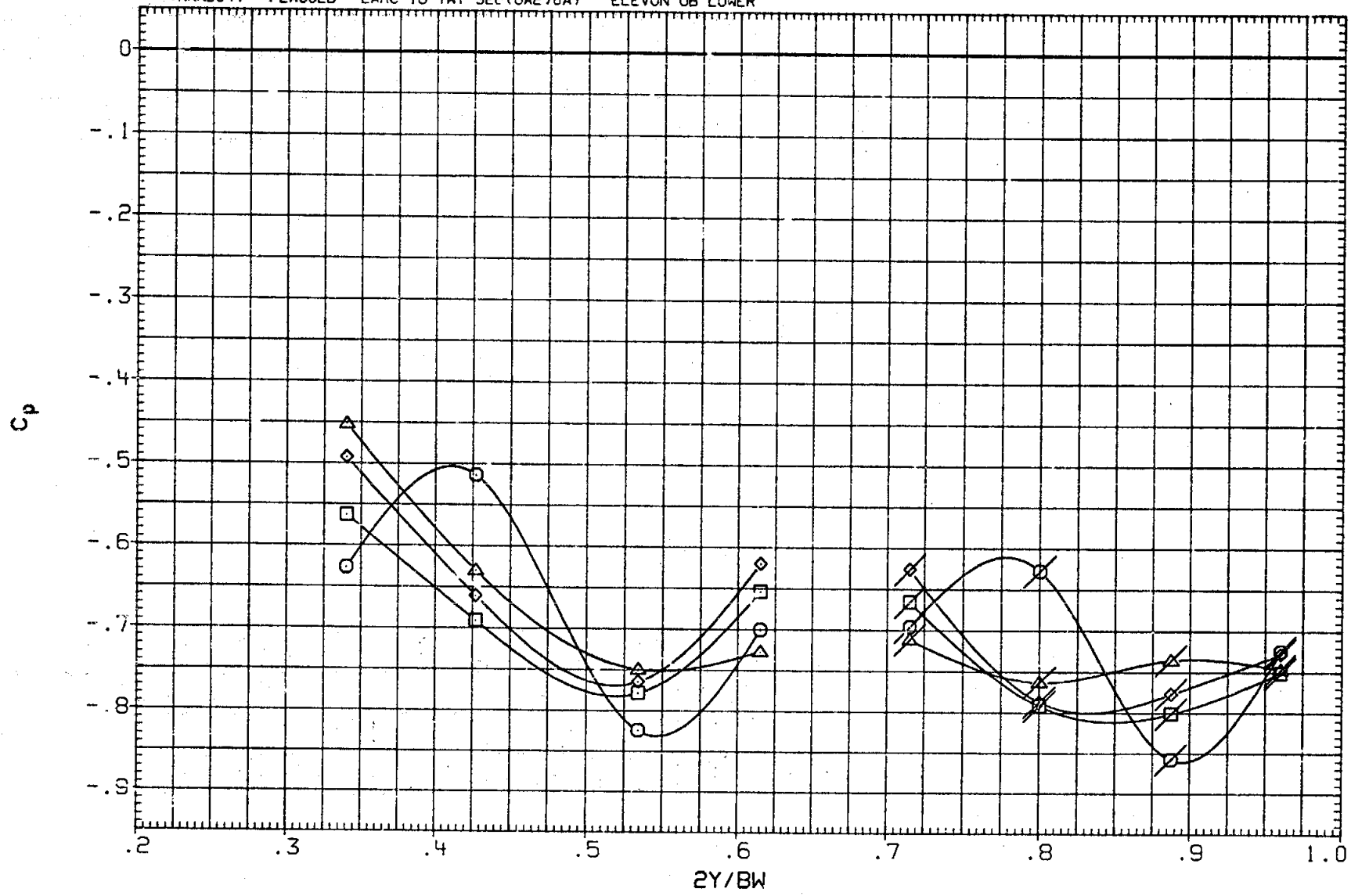


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.101	.800	.952
□	5.109		
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

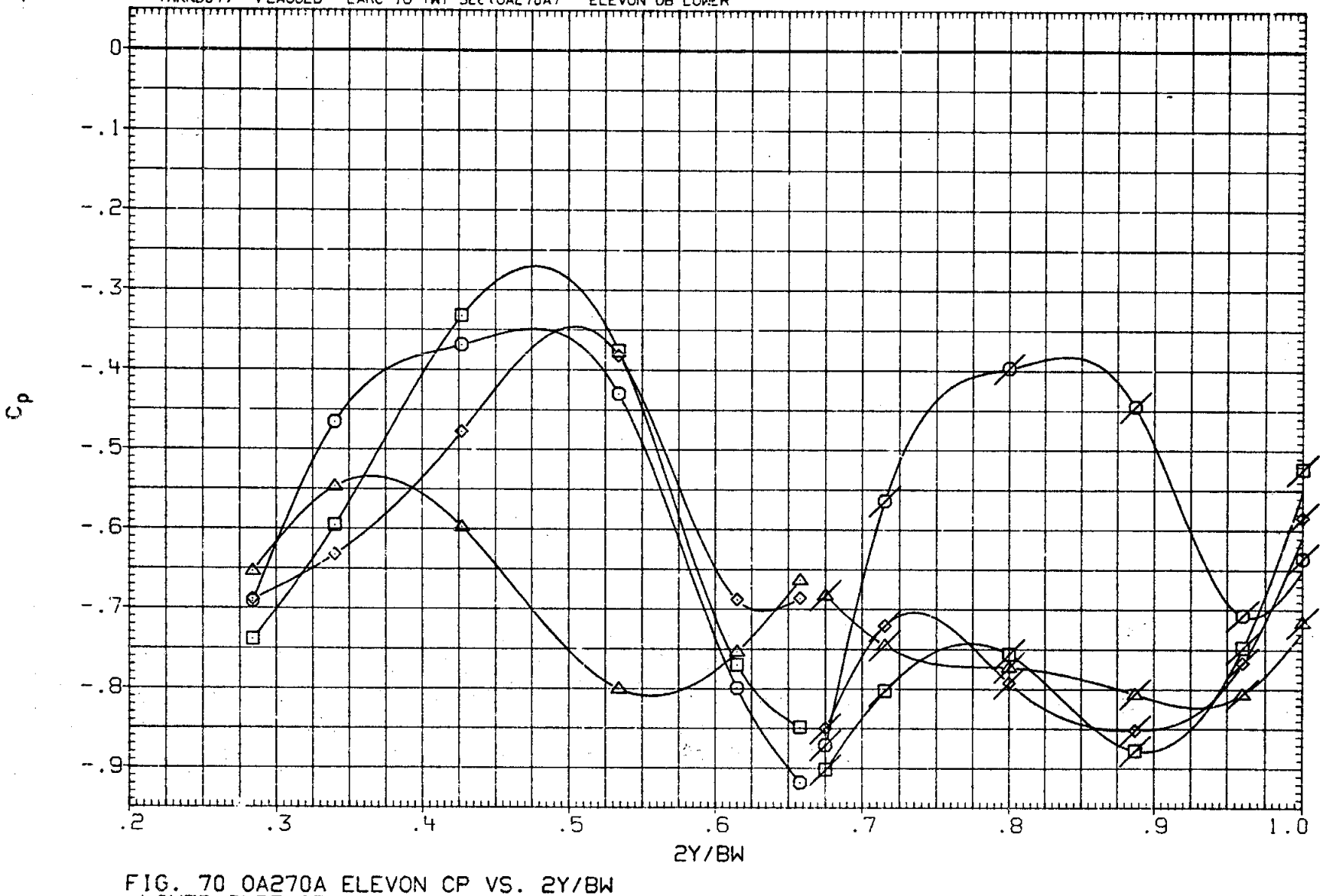


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

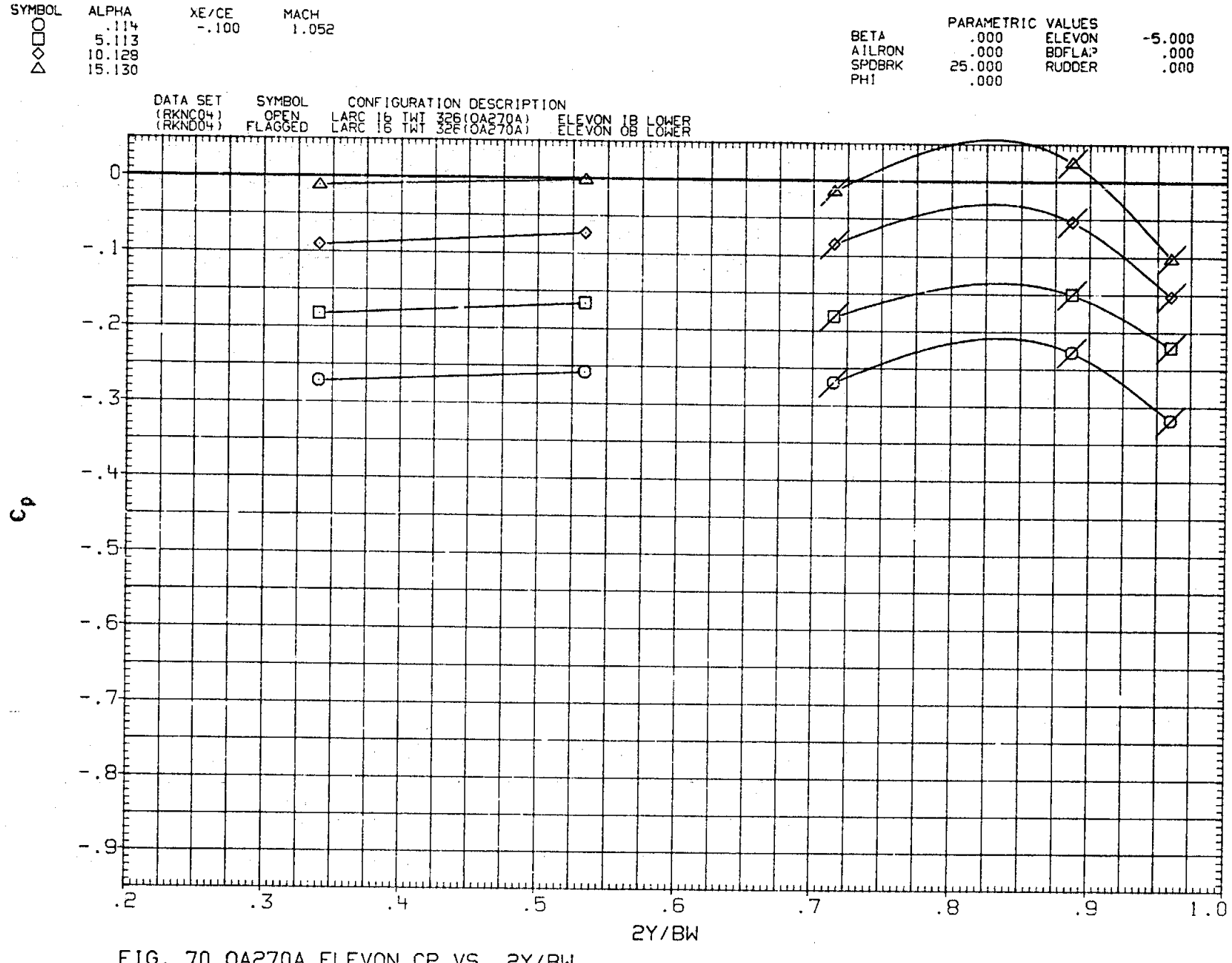


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	.100	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES			
BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(OA270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(OA270A) ELEVON OB LOWER

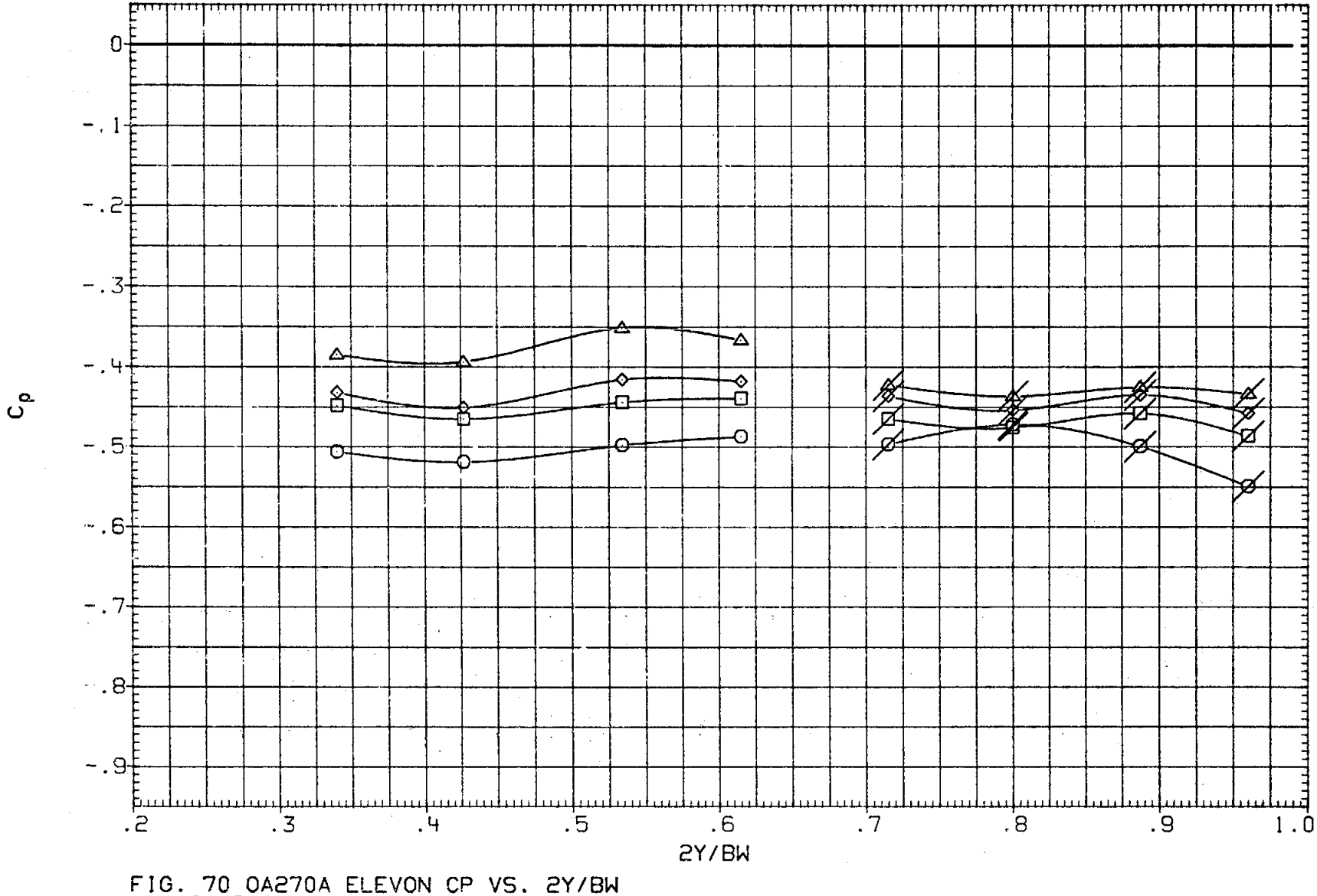


FIG. 70 OA270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

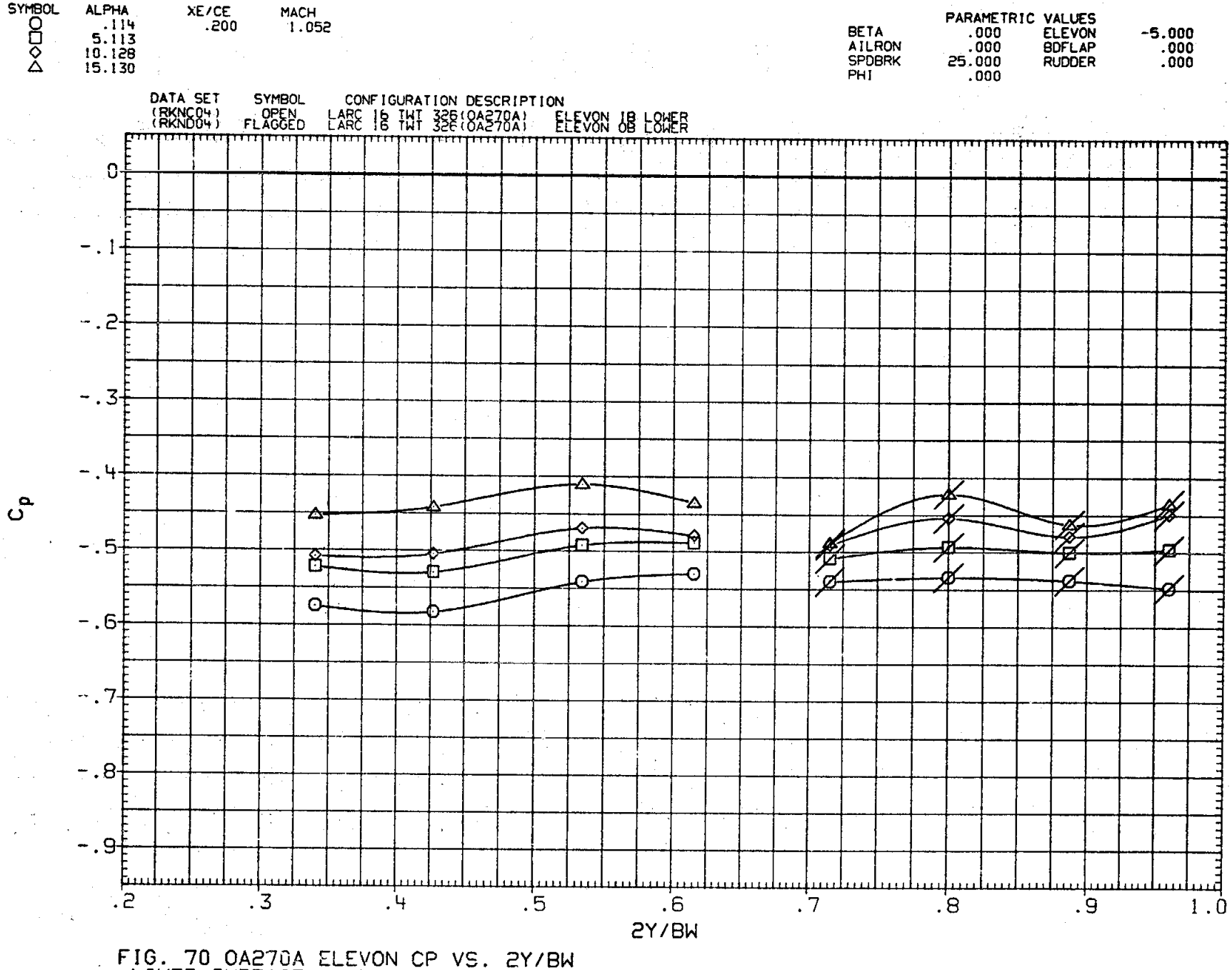


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	.400	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES			
BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

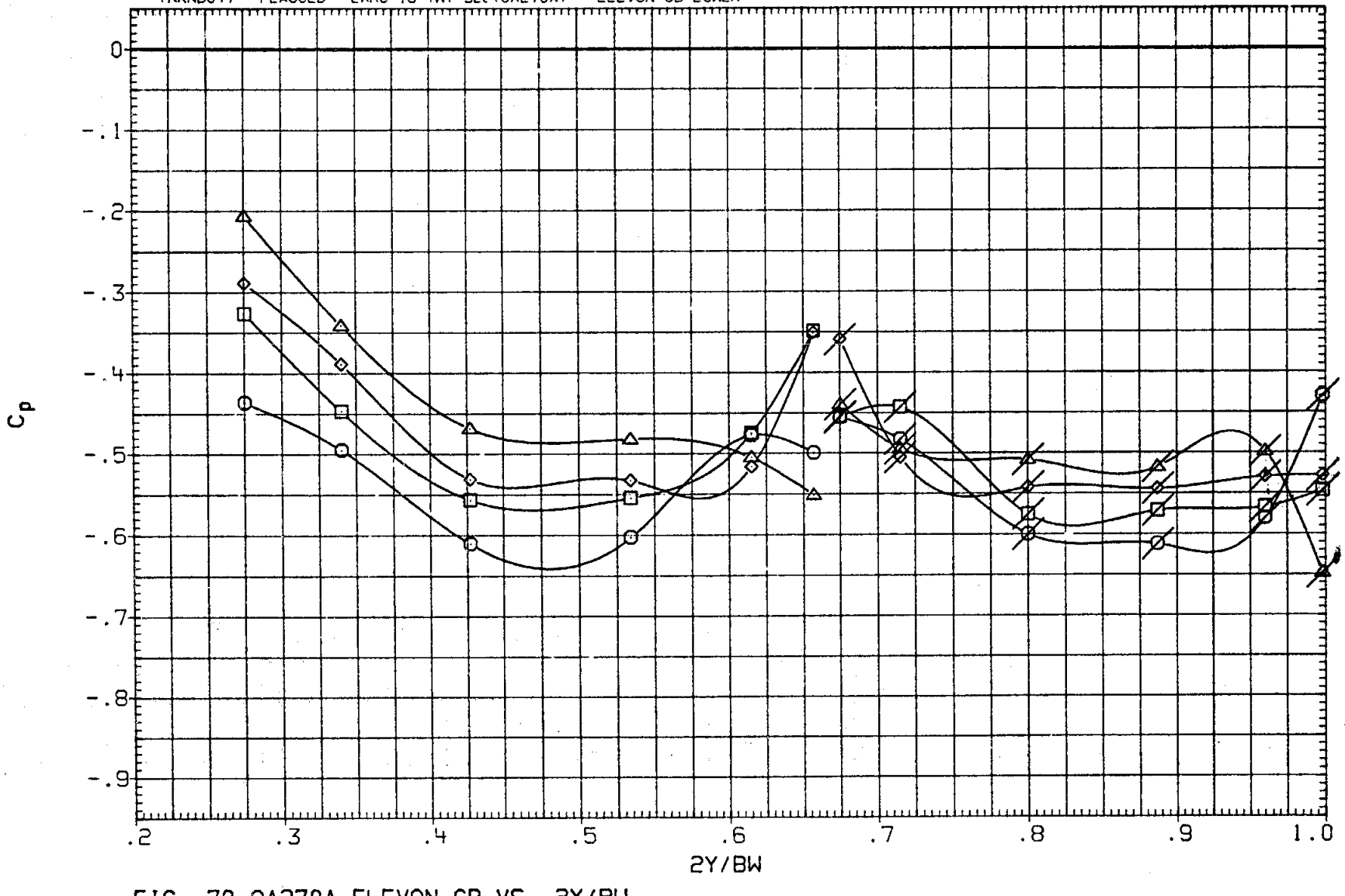


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

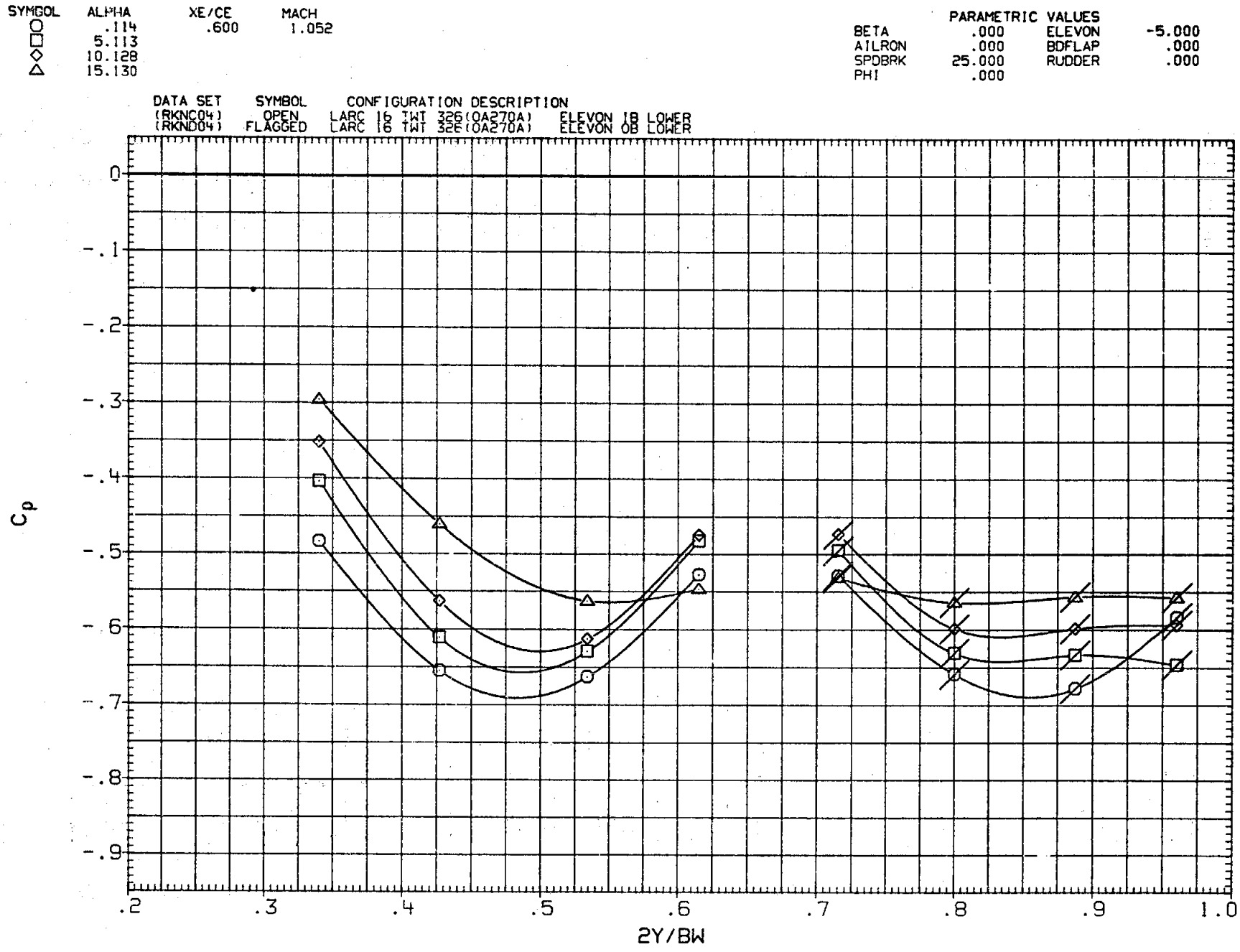


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

SYMBOL	ALPHA	XE/CE	MACH
○	.114	.800	1.052
□	5.113		
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RKNC04)	OPEN	LARC 16 TWT 326(0A270A) ELEVON IB LOWER
(RKND04)	FLAGGED	LARC 16 TWT 326(0A270A) ELEVON OB LOWER

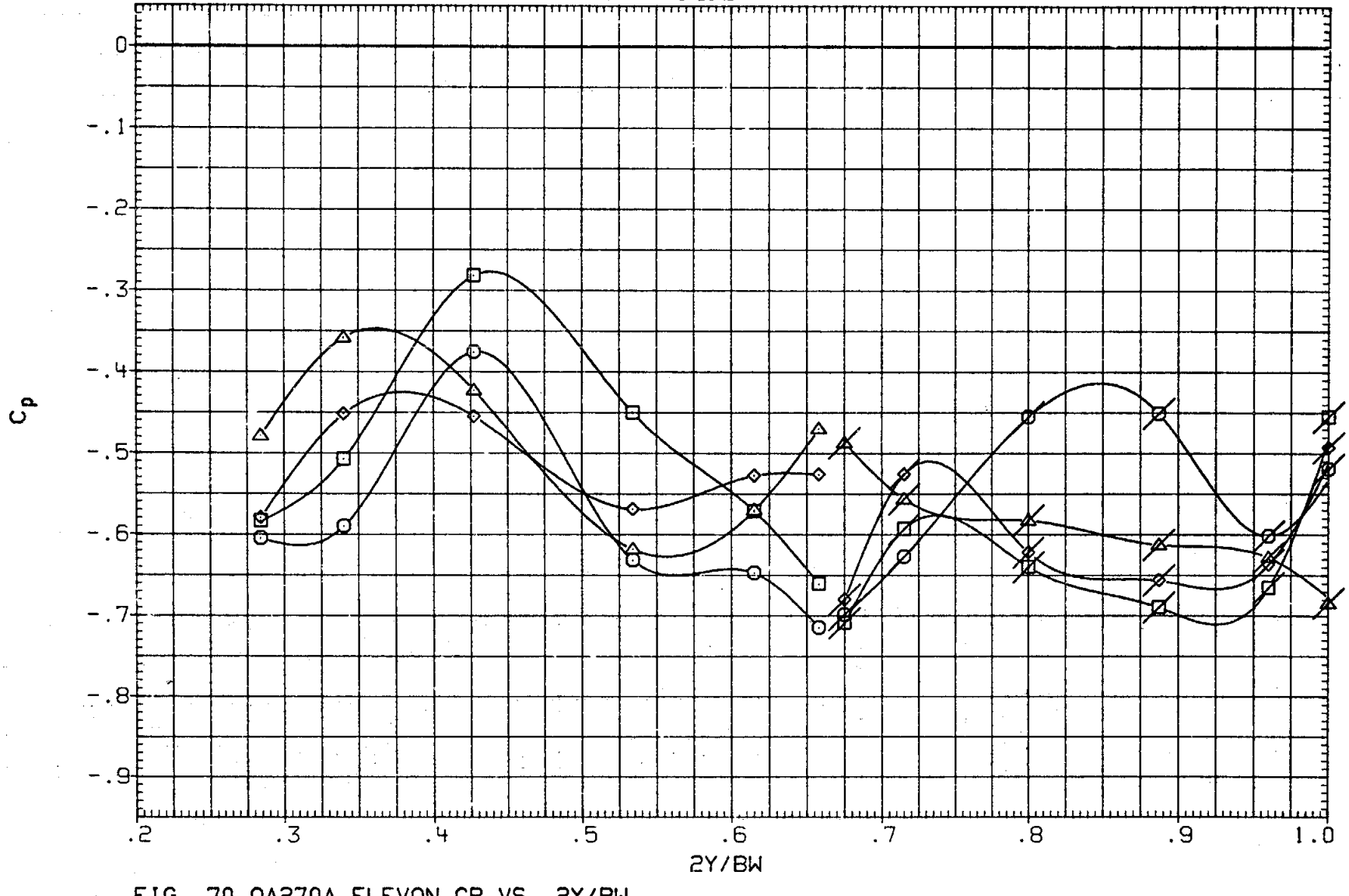


FIG. 70 0A270A ELEVON CP VS. 2Y/BW
LOWER SURFACE, ALPHA EFFECT AT ELEVON = -5

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.340	.901
□	5.124	.427	
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

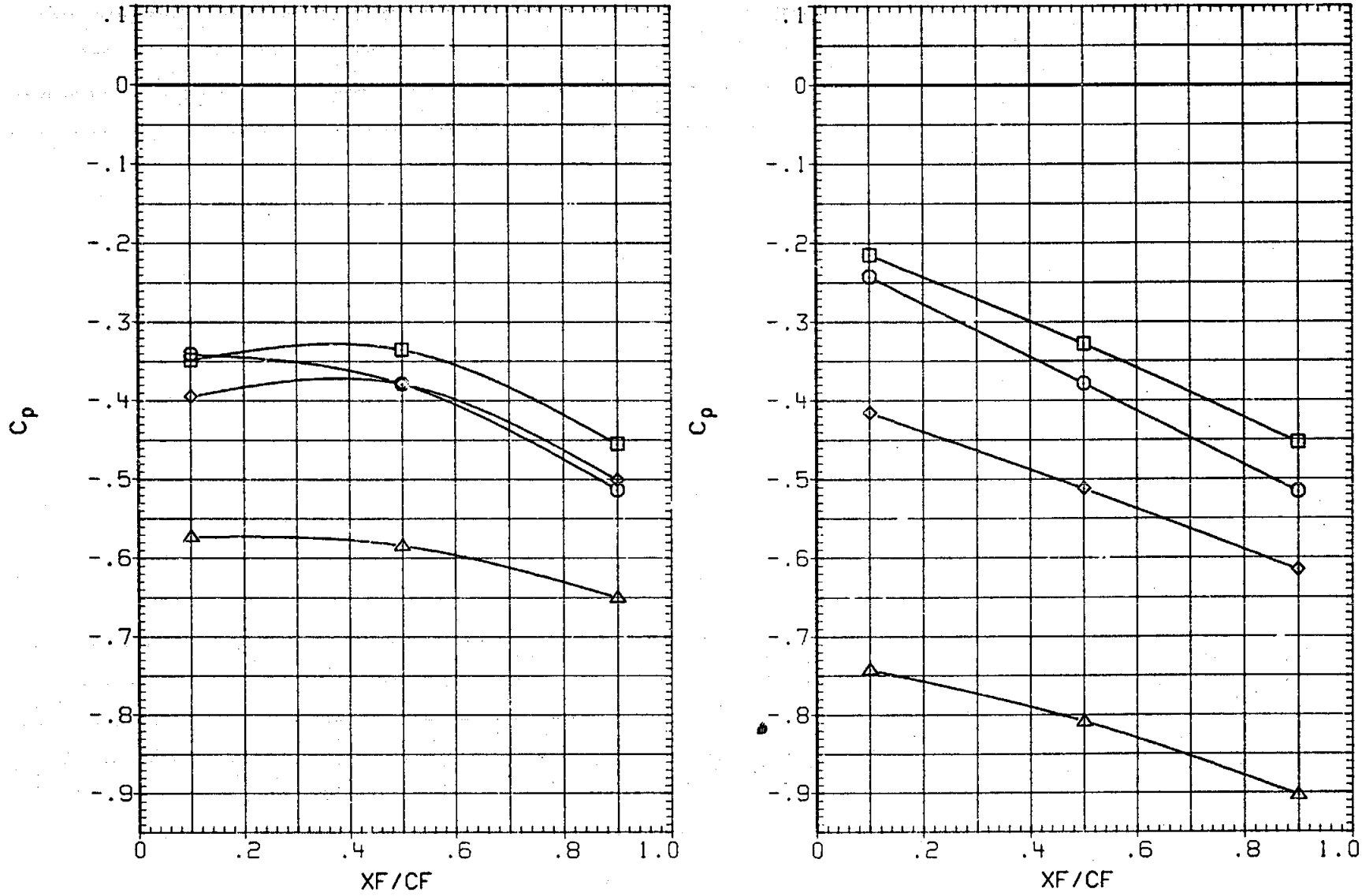


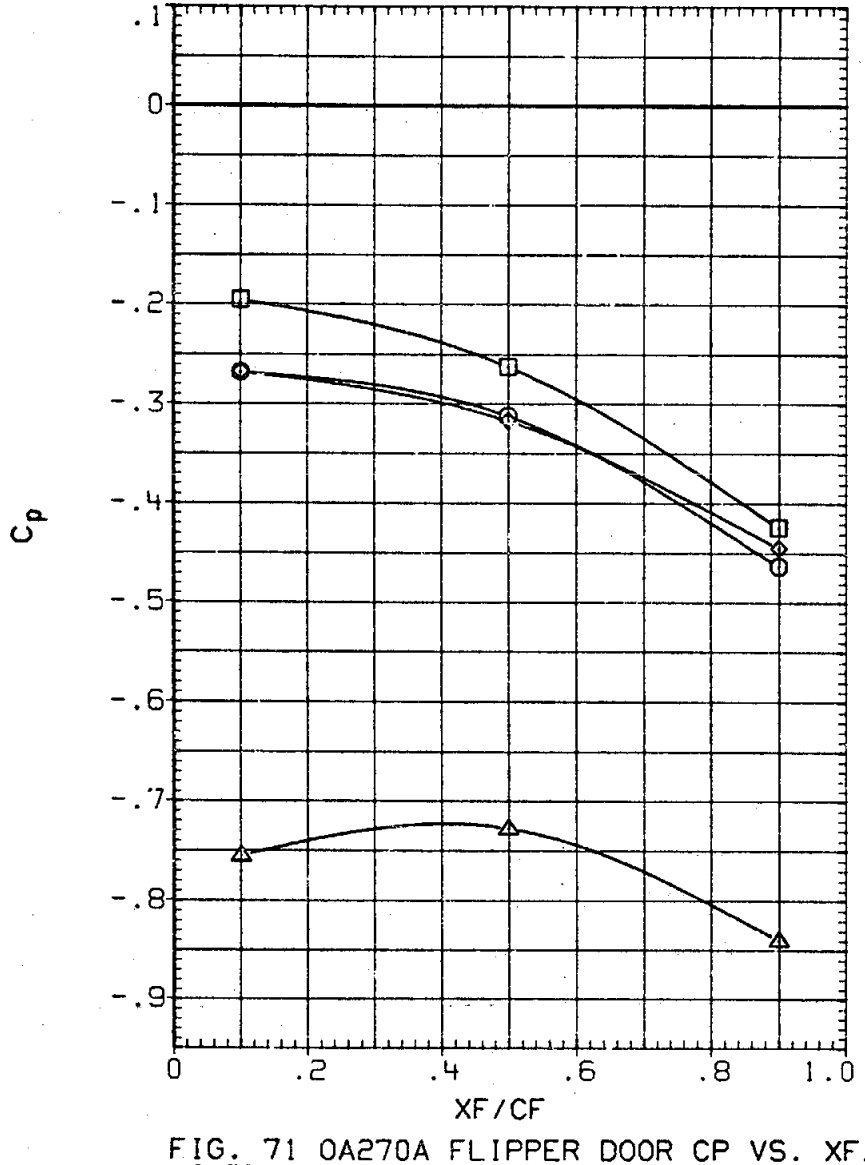
FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.534	.901
□	5.124	.615	
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



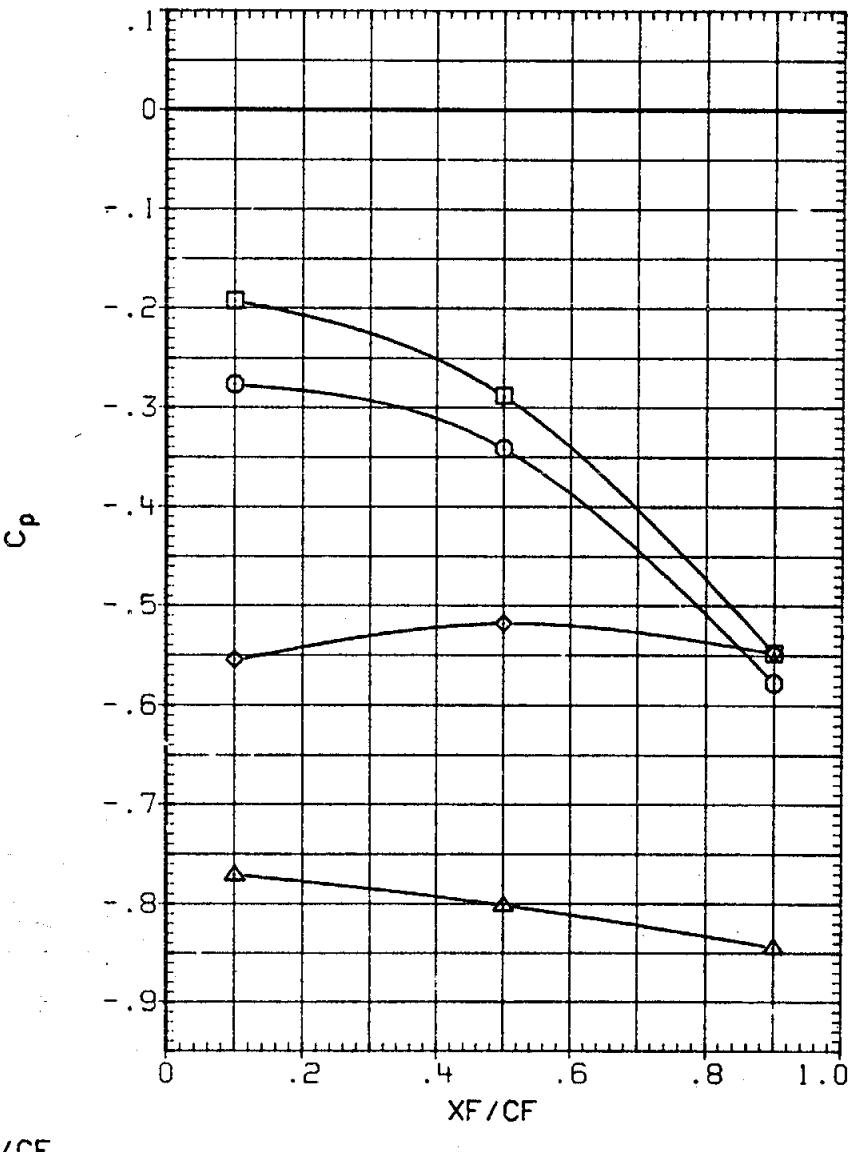


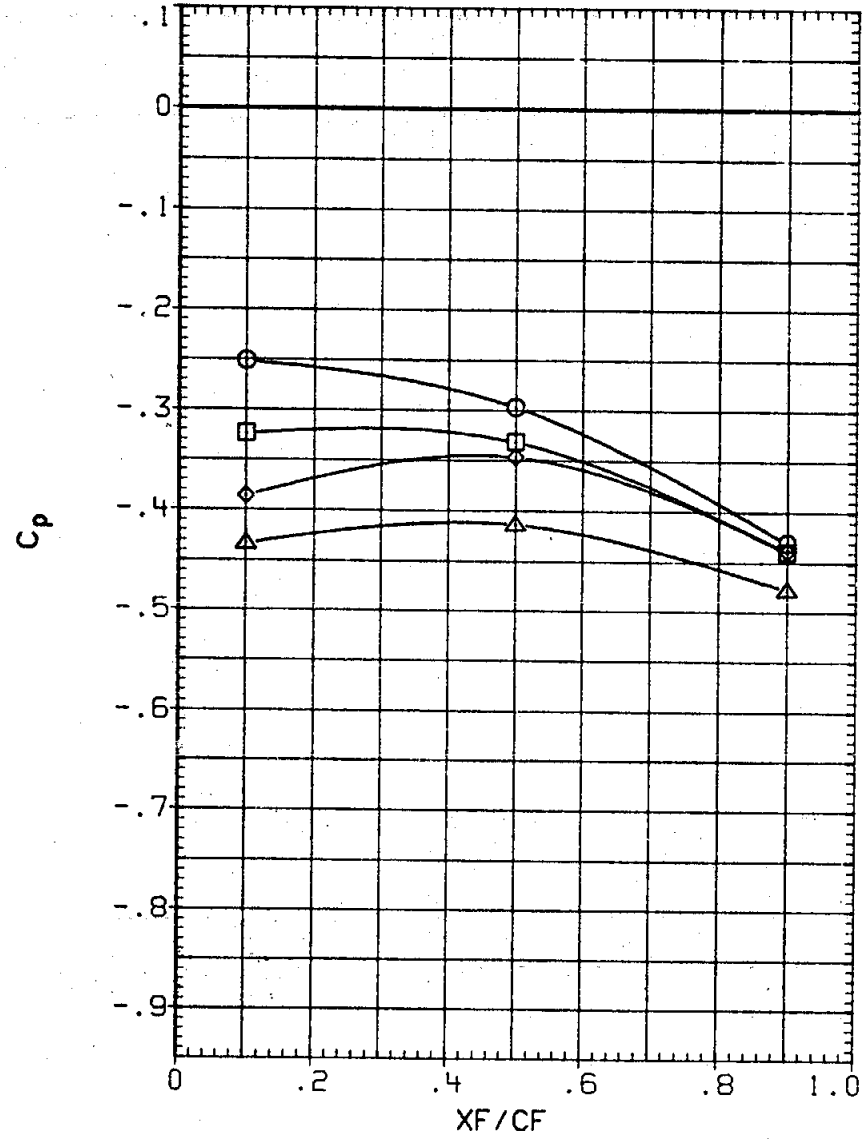
FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.340	.952
□	5.112	.427	
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



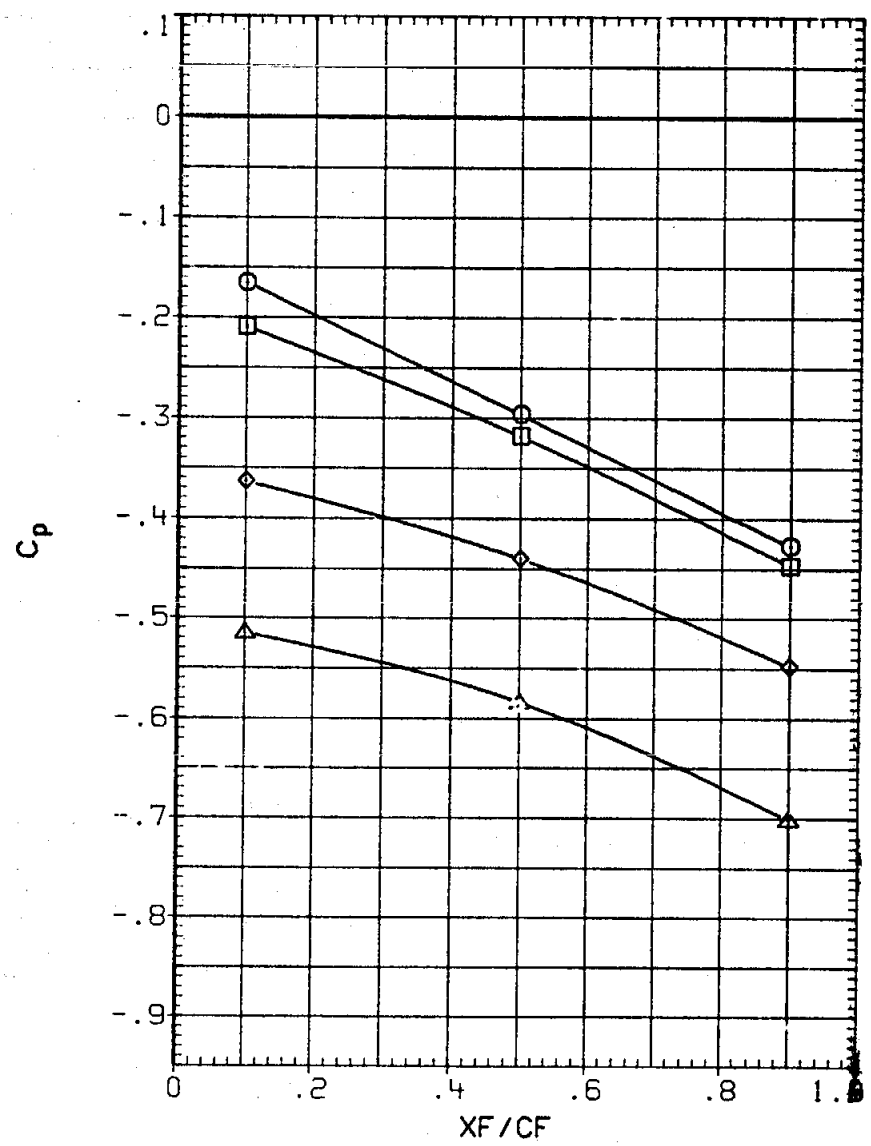


FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(OA270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.534	.952
□	5.112	.615	
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

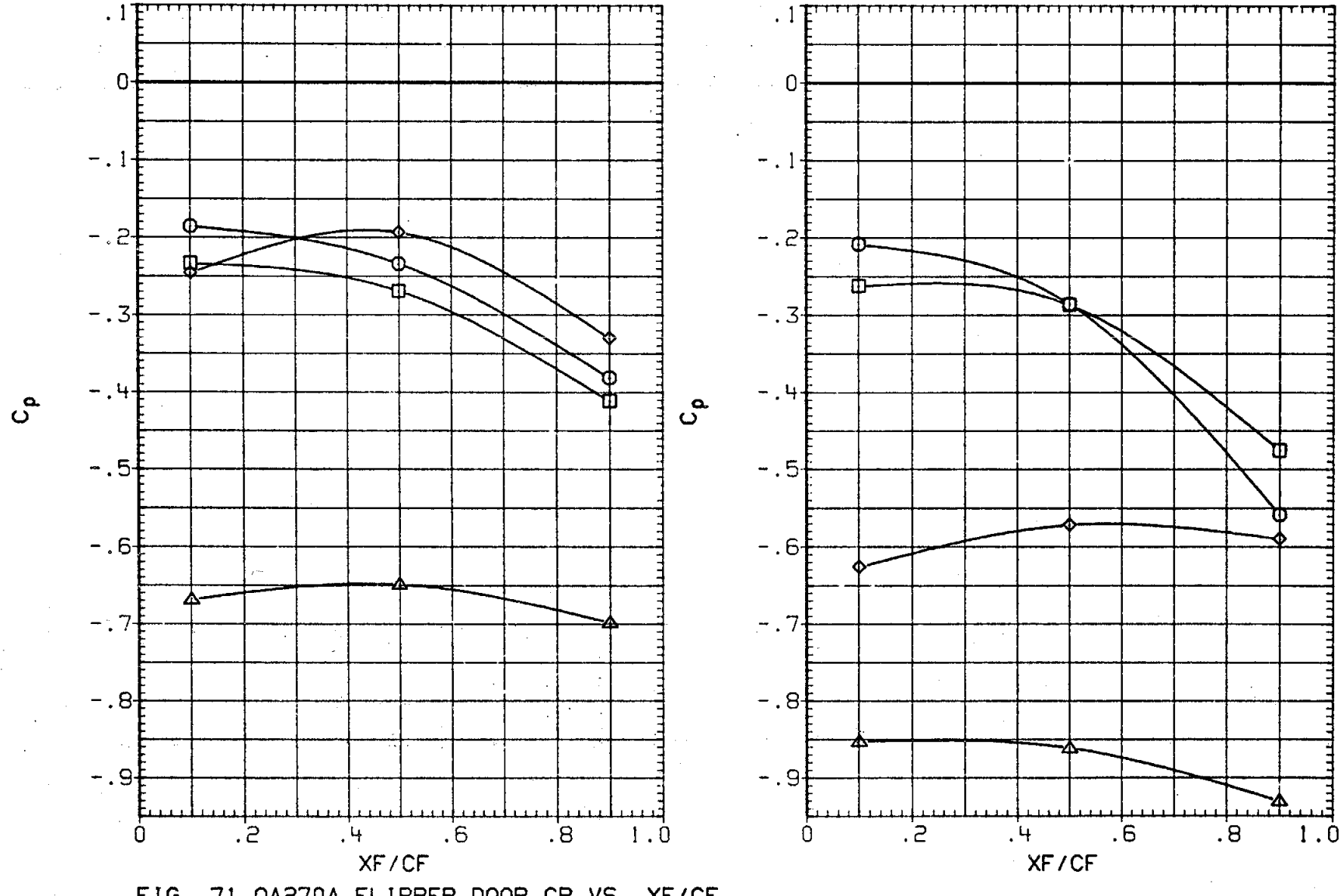


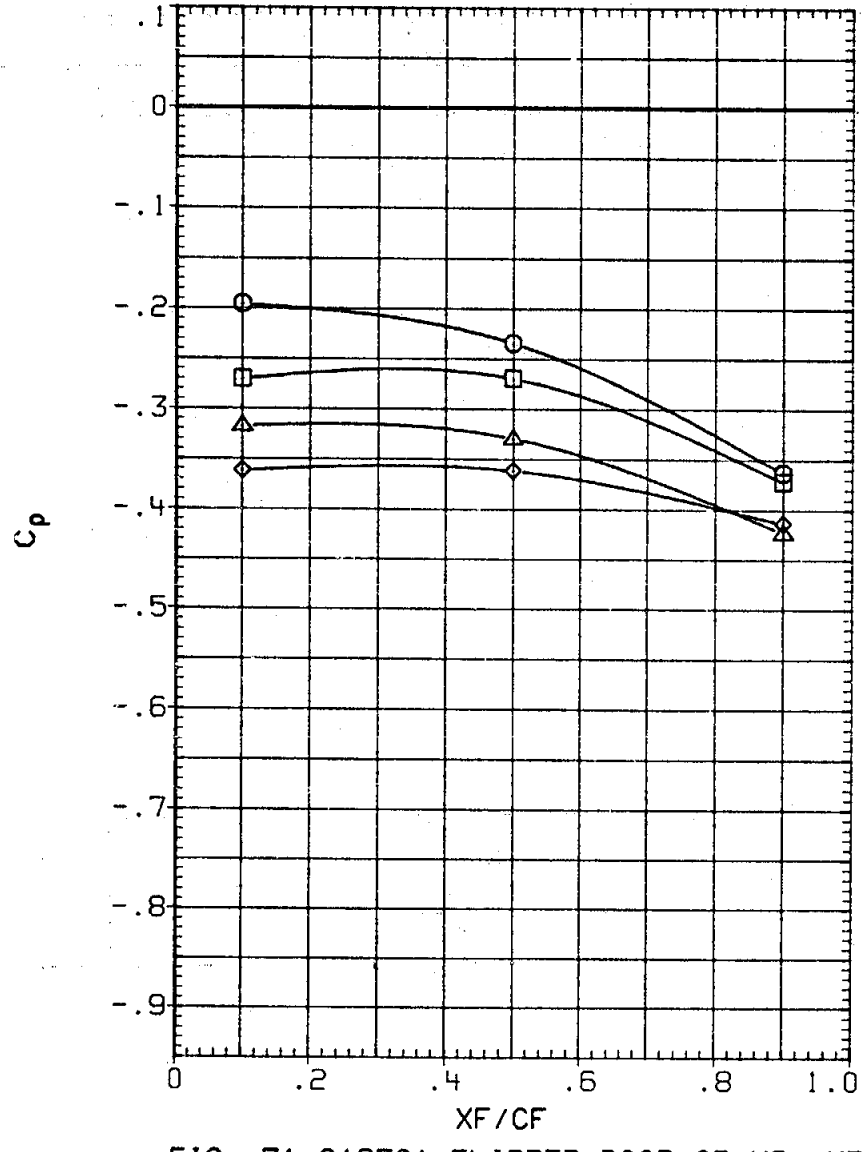
FIG. 71 OA270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.340	.982
□	5.098	.427	
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



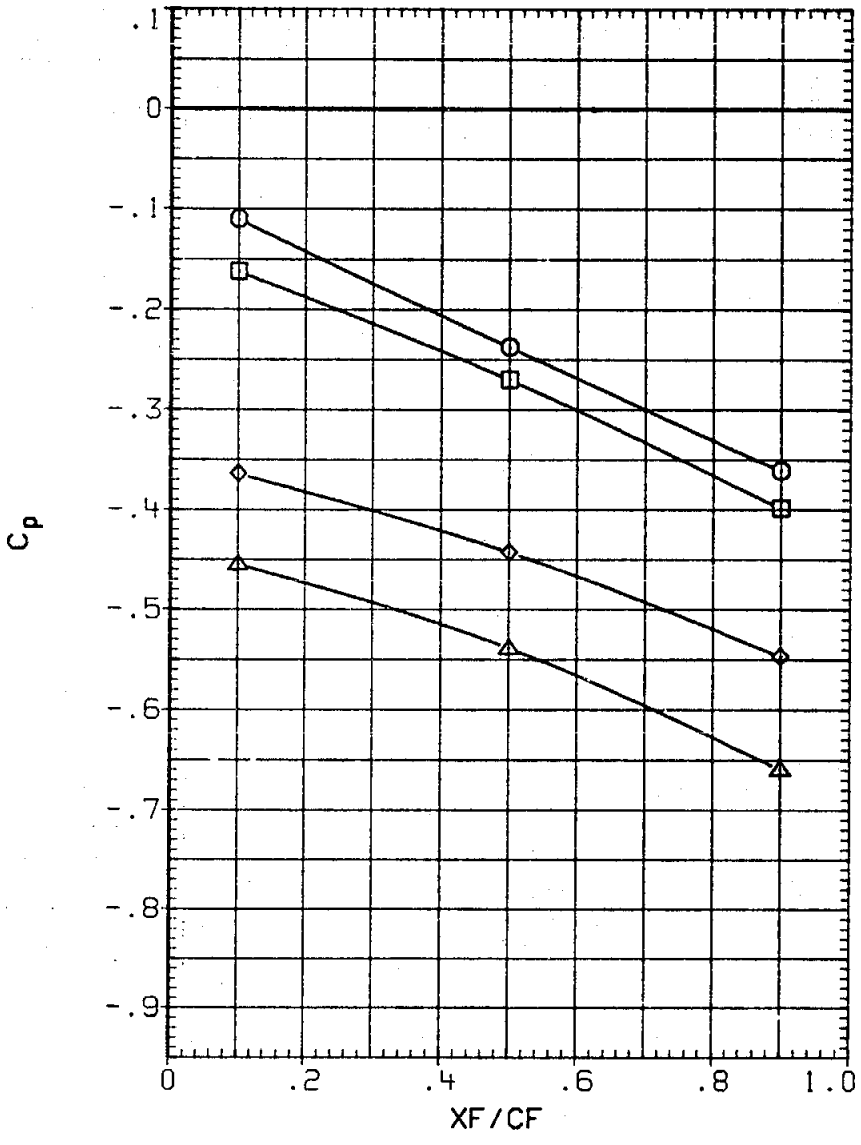


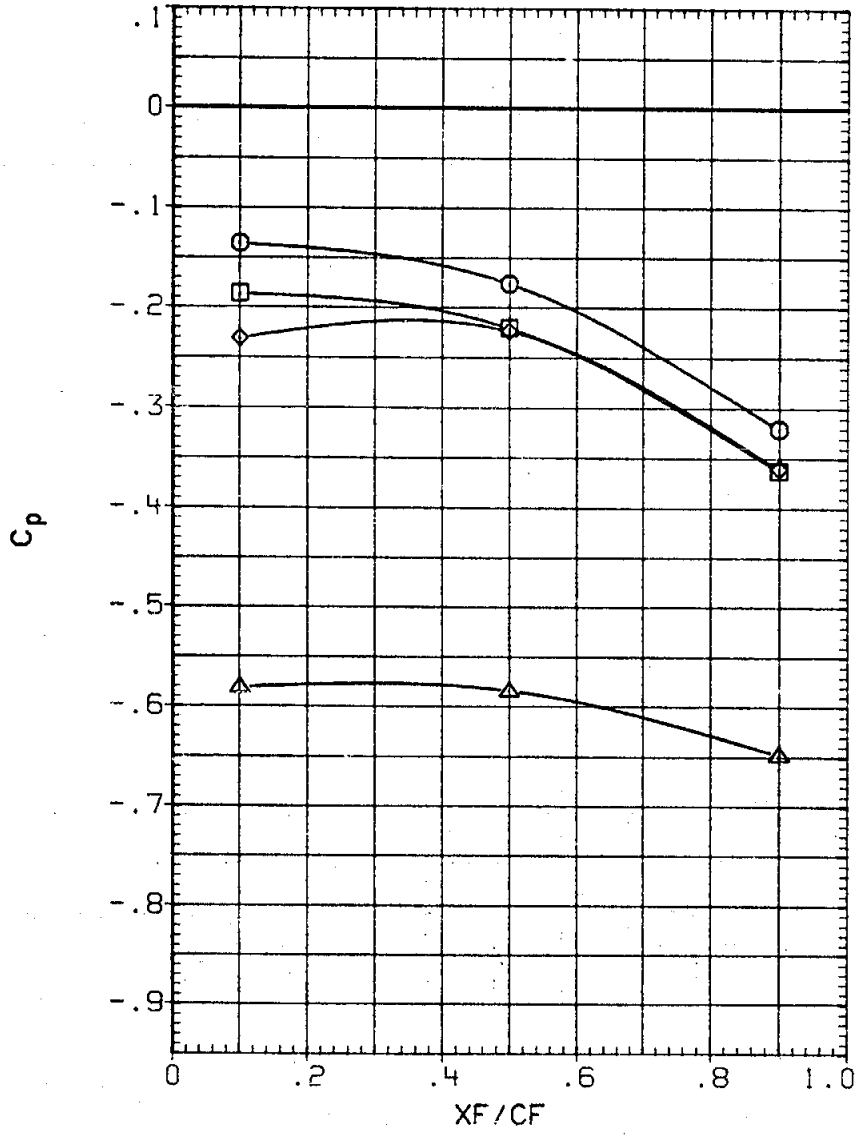
FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.534	.982
□	5.098	.615	
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



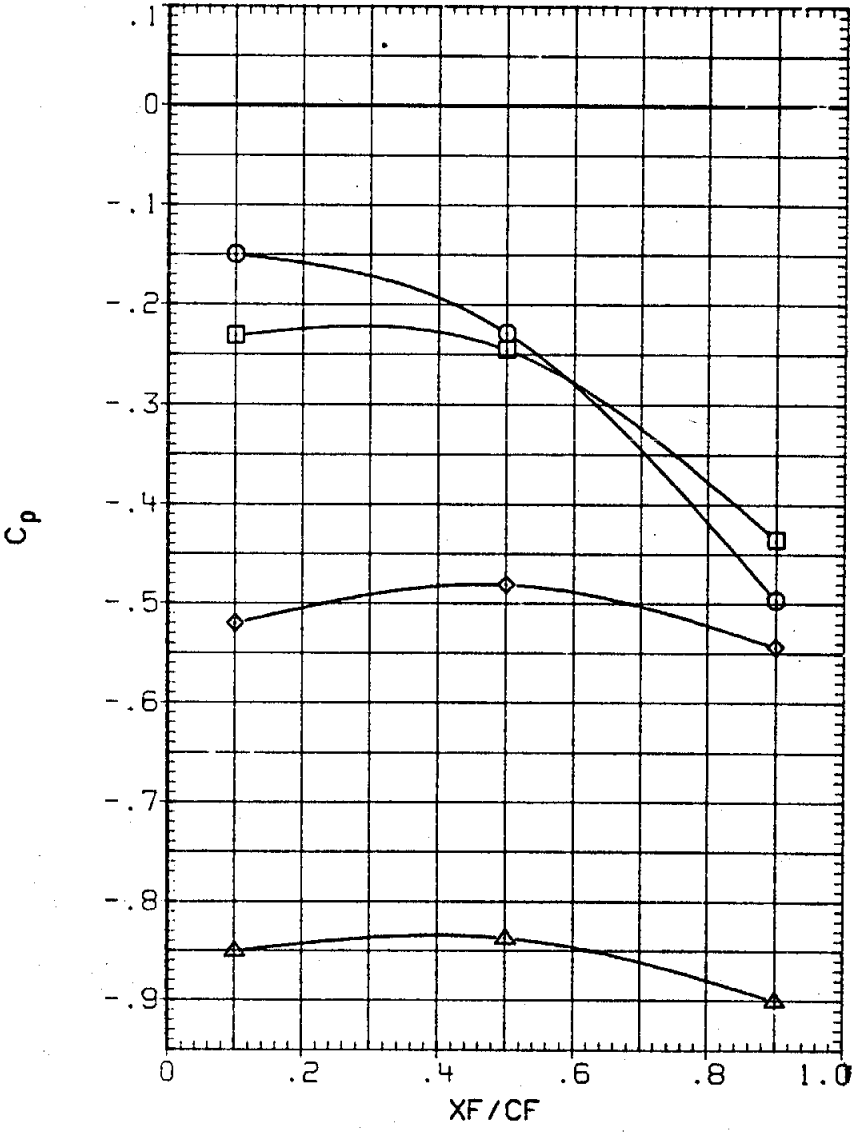


FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.340	1.051
□	5.125	.427	
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

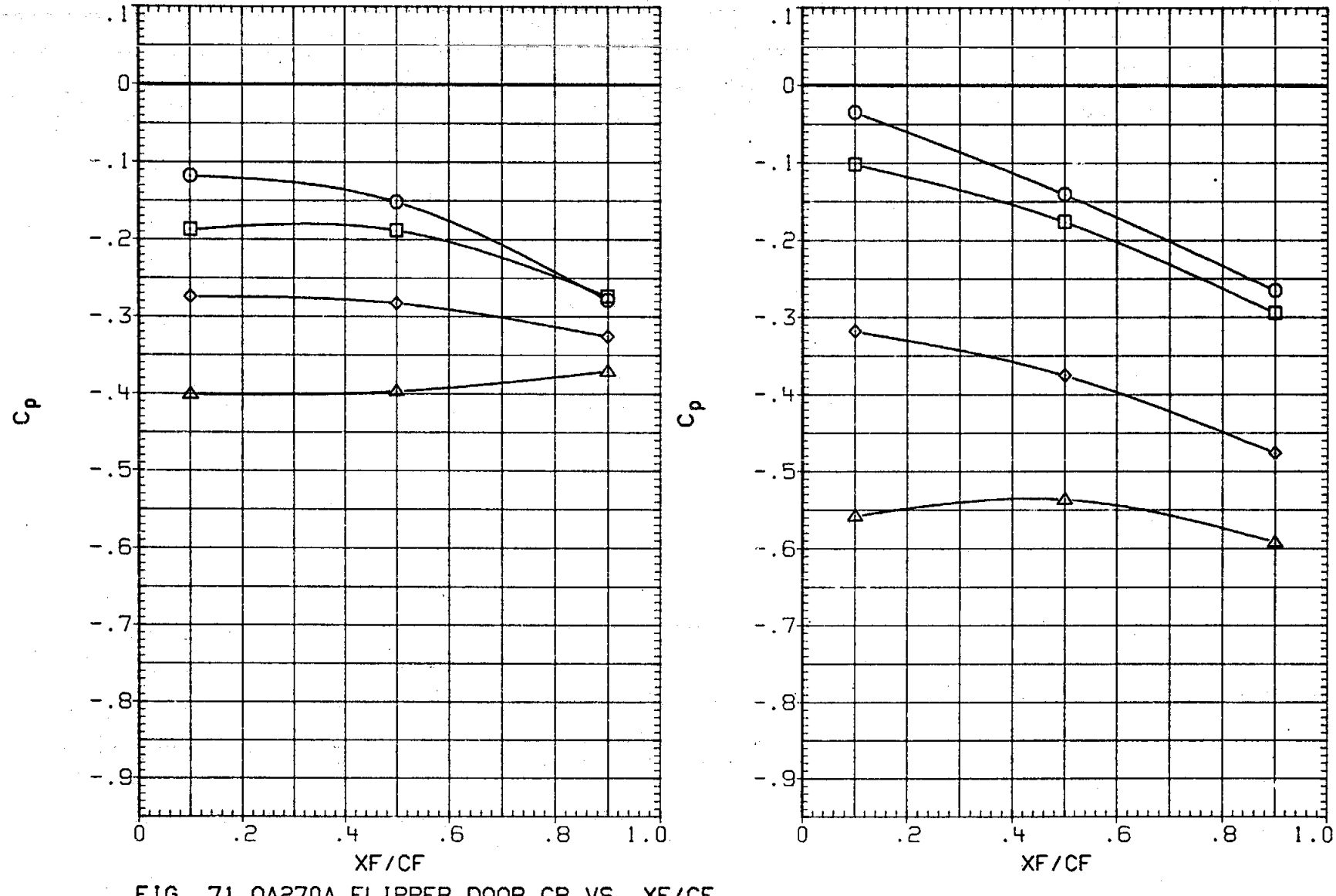


FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 1S TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.534	1.051
□	5.125	.615	
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

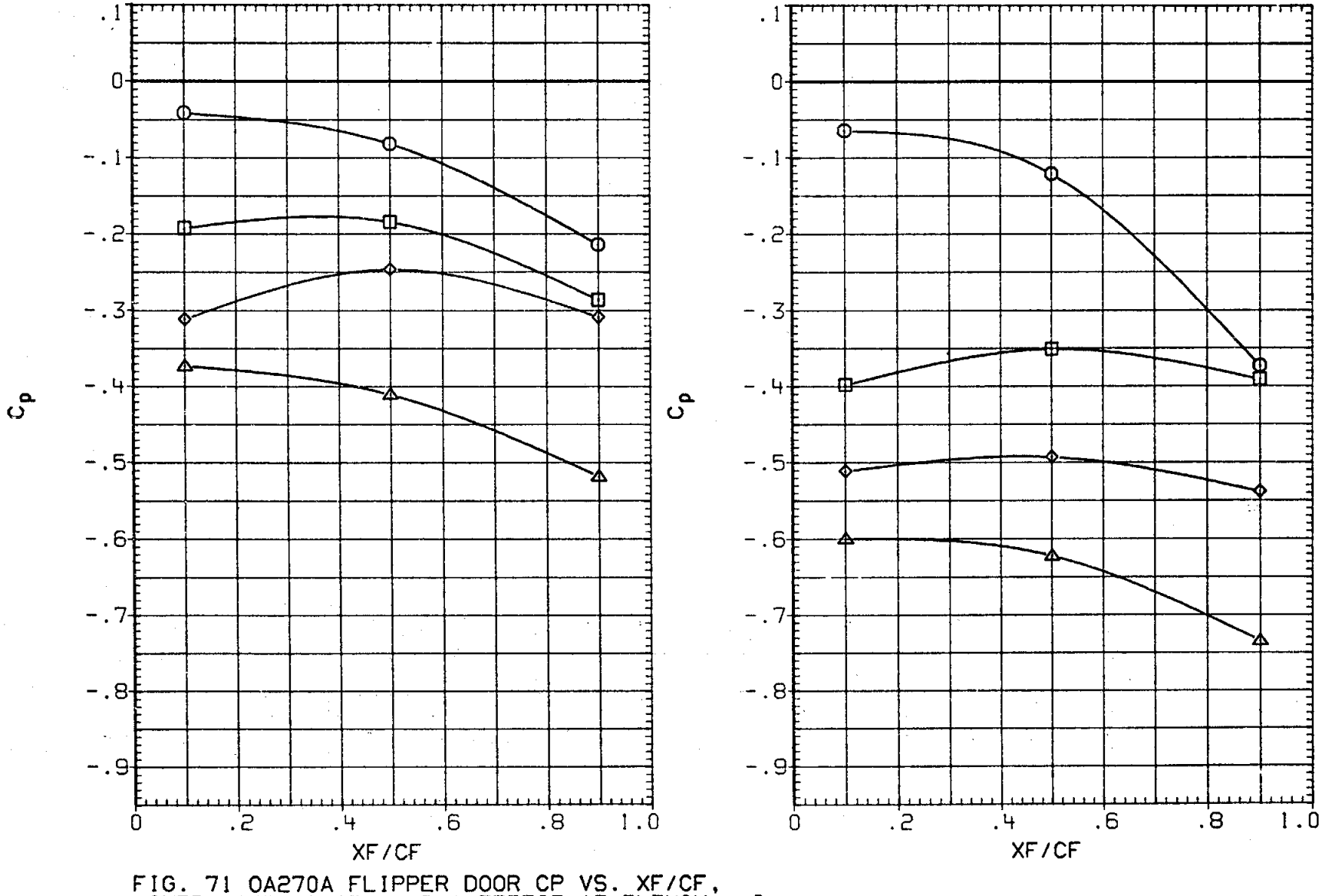


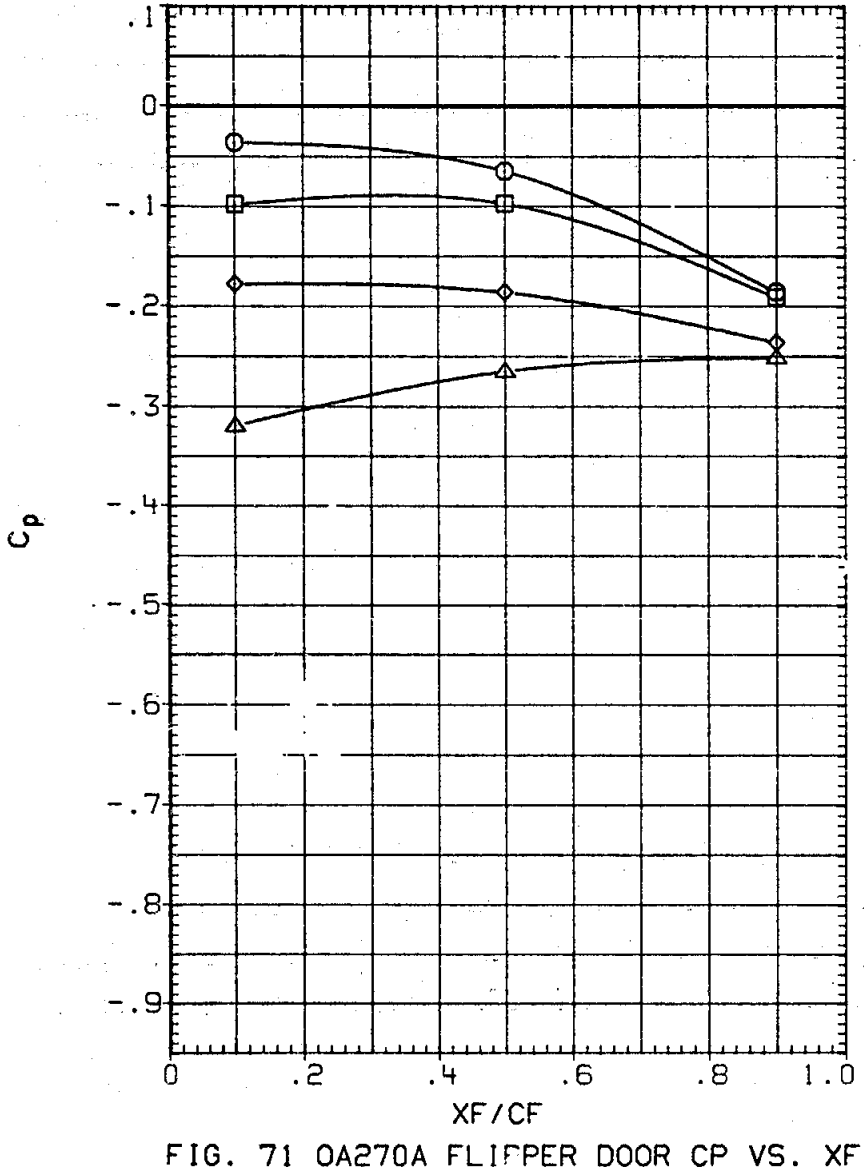
FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.340	1.099
□	5.133	.427	
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



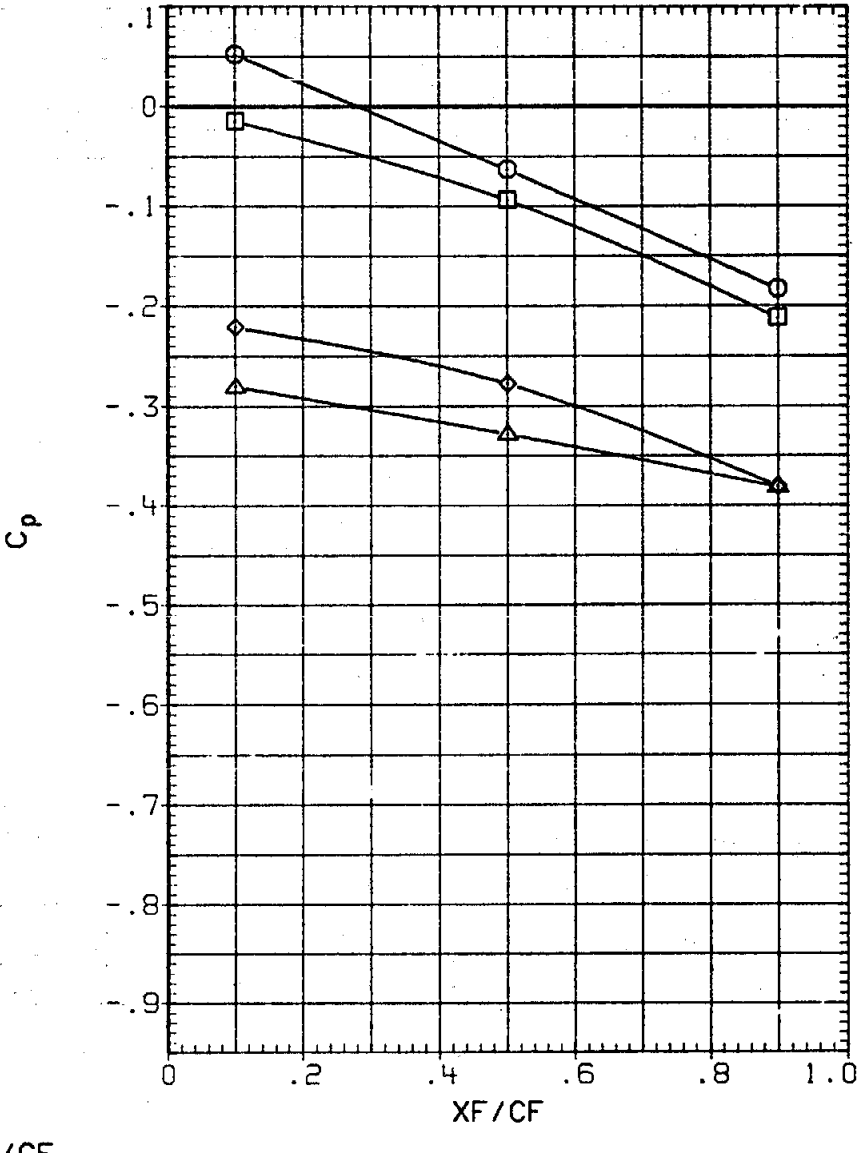


FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.534	1.099
□	5.133	.615	
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

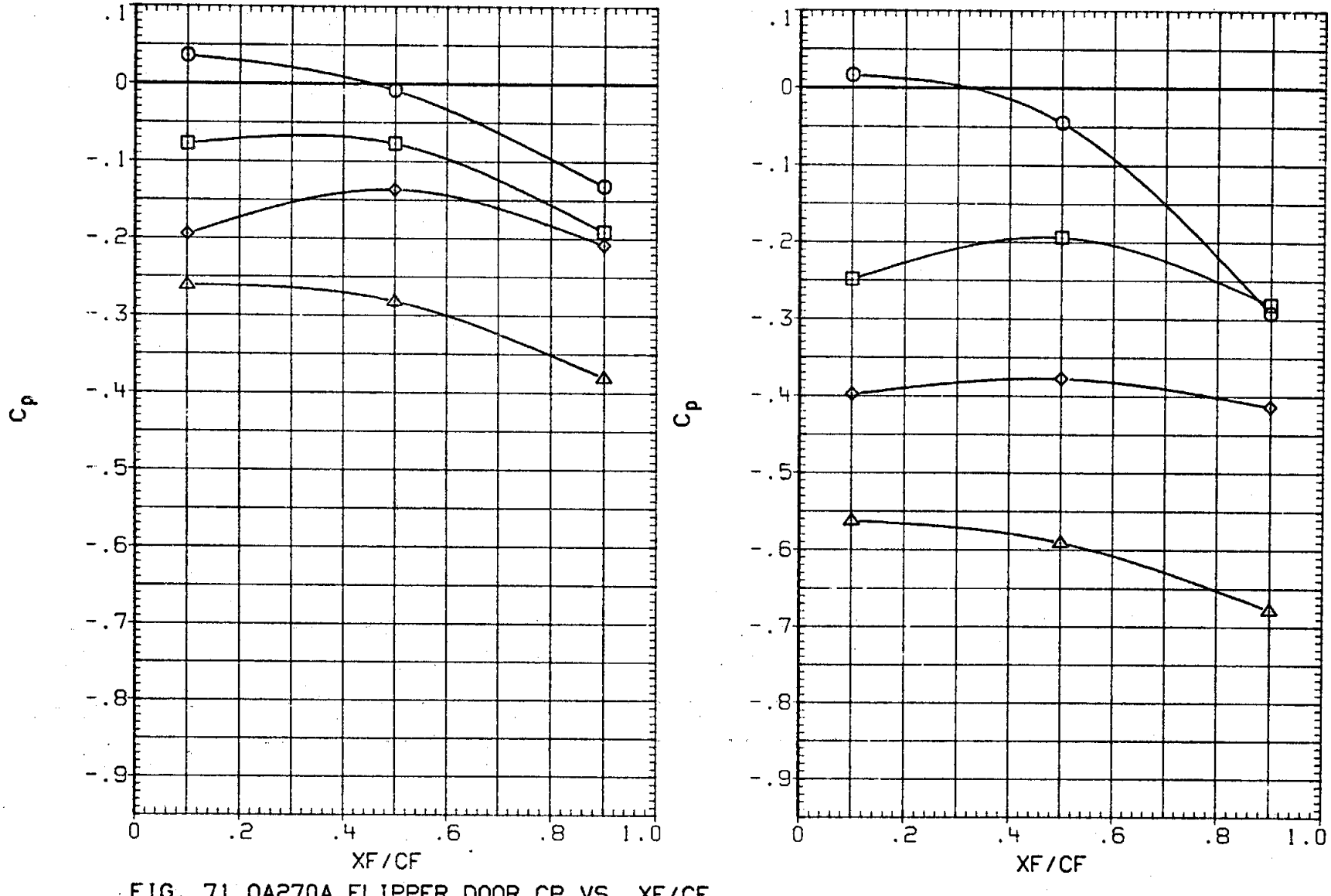


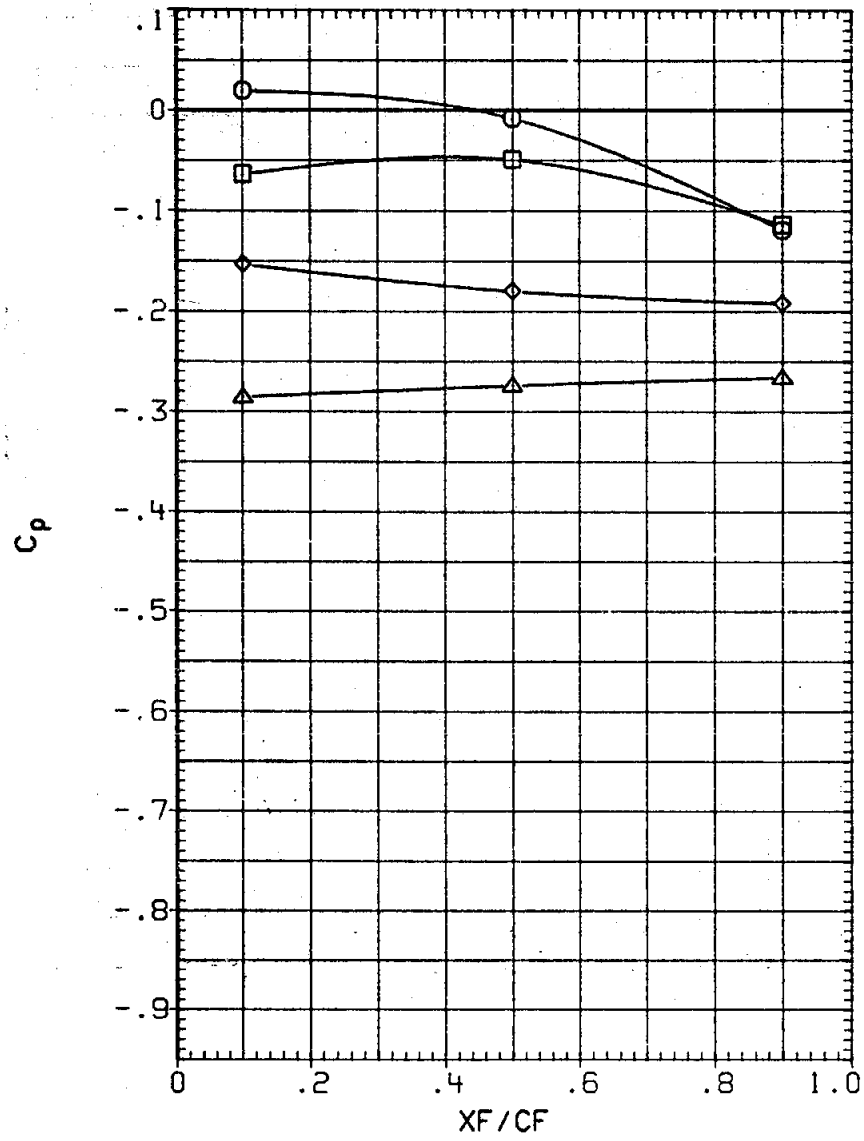
FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.340	1.202
□	5.109	.427	
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



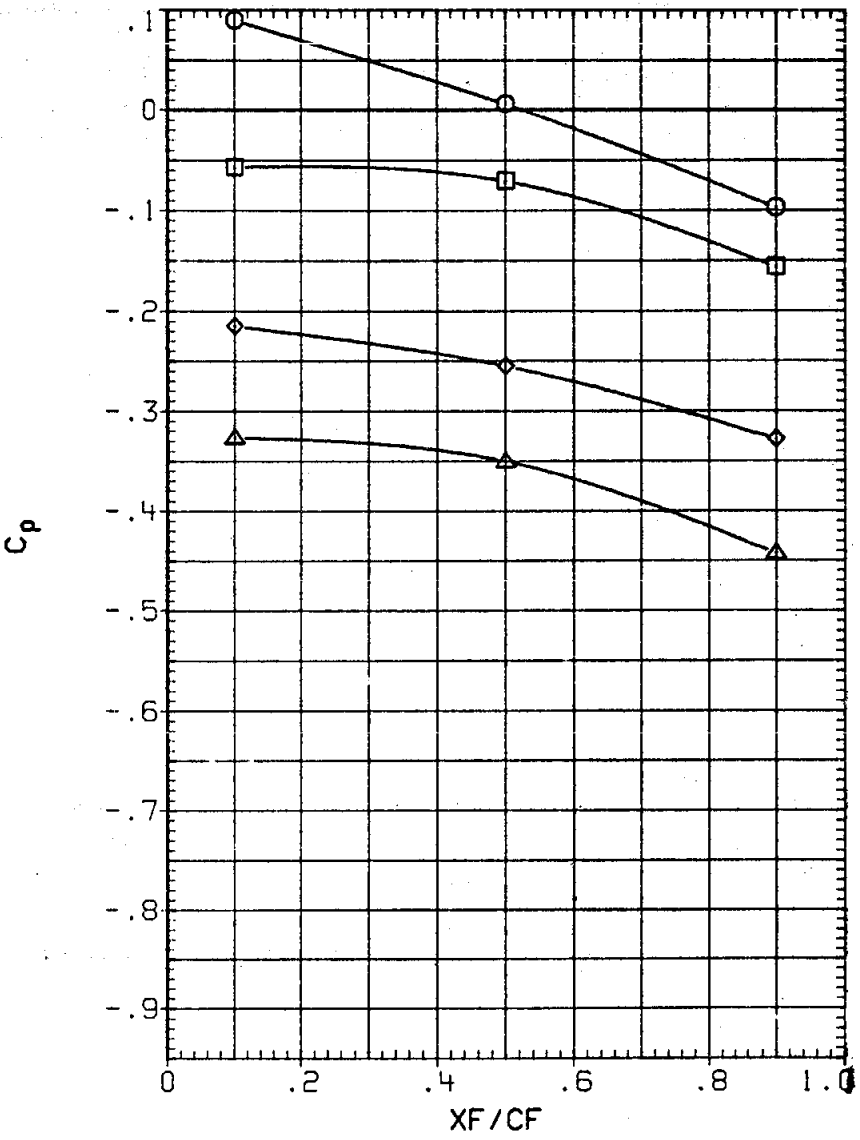


FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI07) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.534	1.202
□	5.109	.615	
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

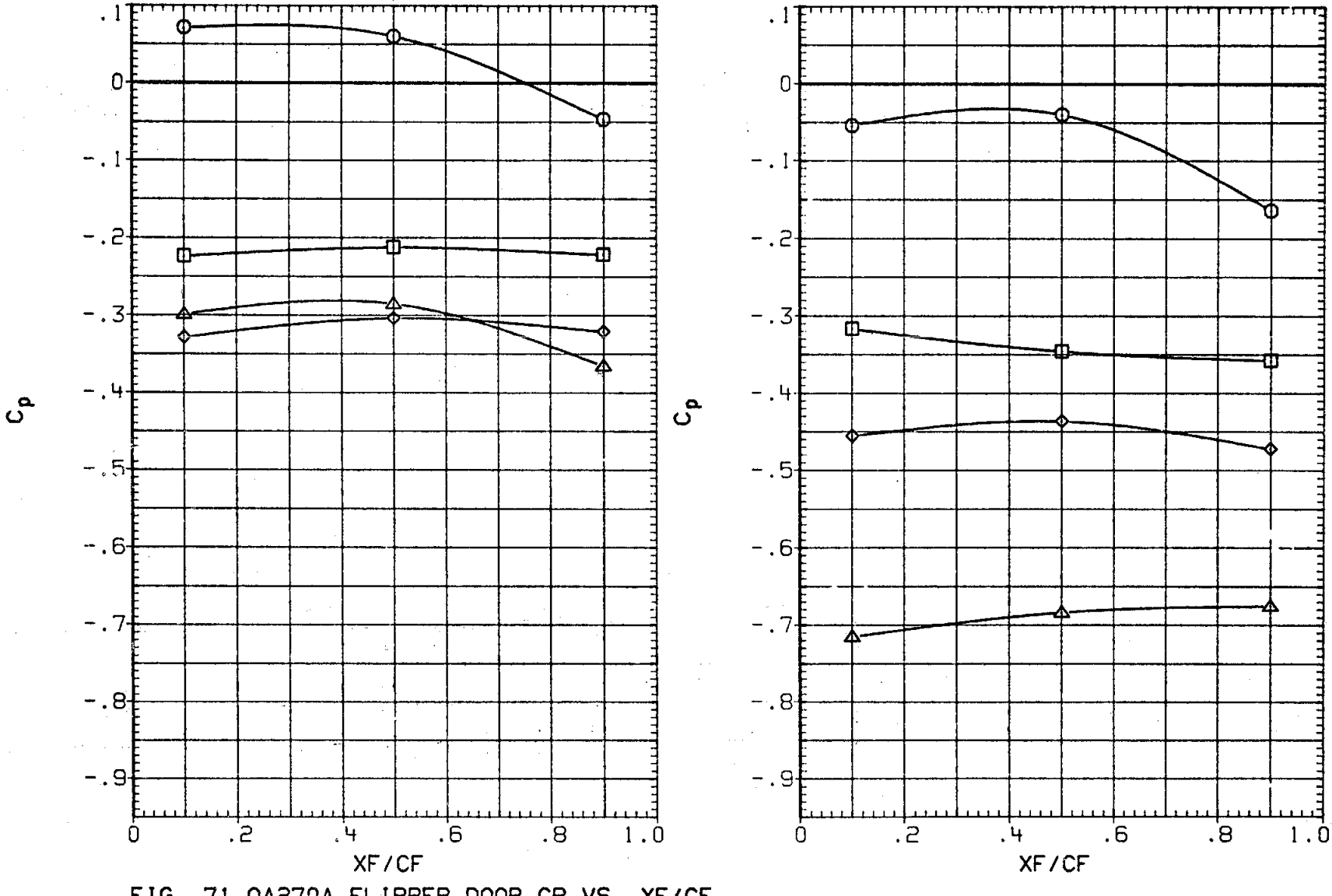


FIG. 71 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNI33) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.340	.799
□	-10.025	.427	
◇	-.015		
△	10.018.		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

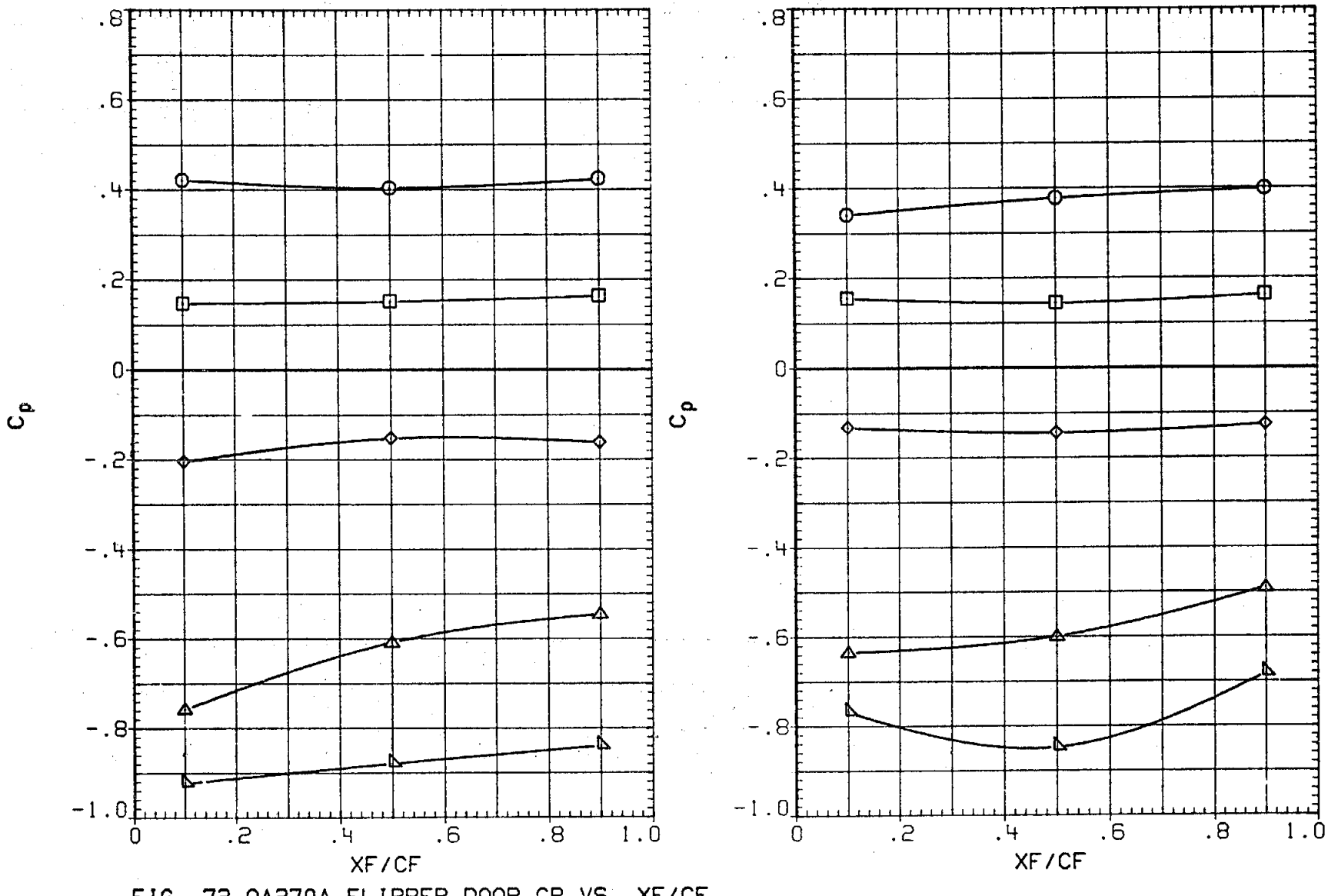


FIG. 72 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNI33) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.534	.799
□	-10.025	.615	
◇	-.015		
△	10.018		
▷	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

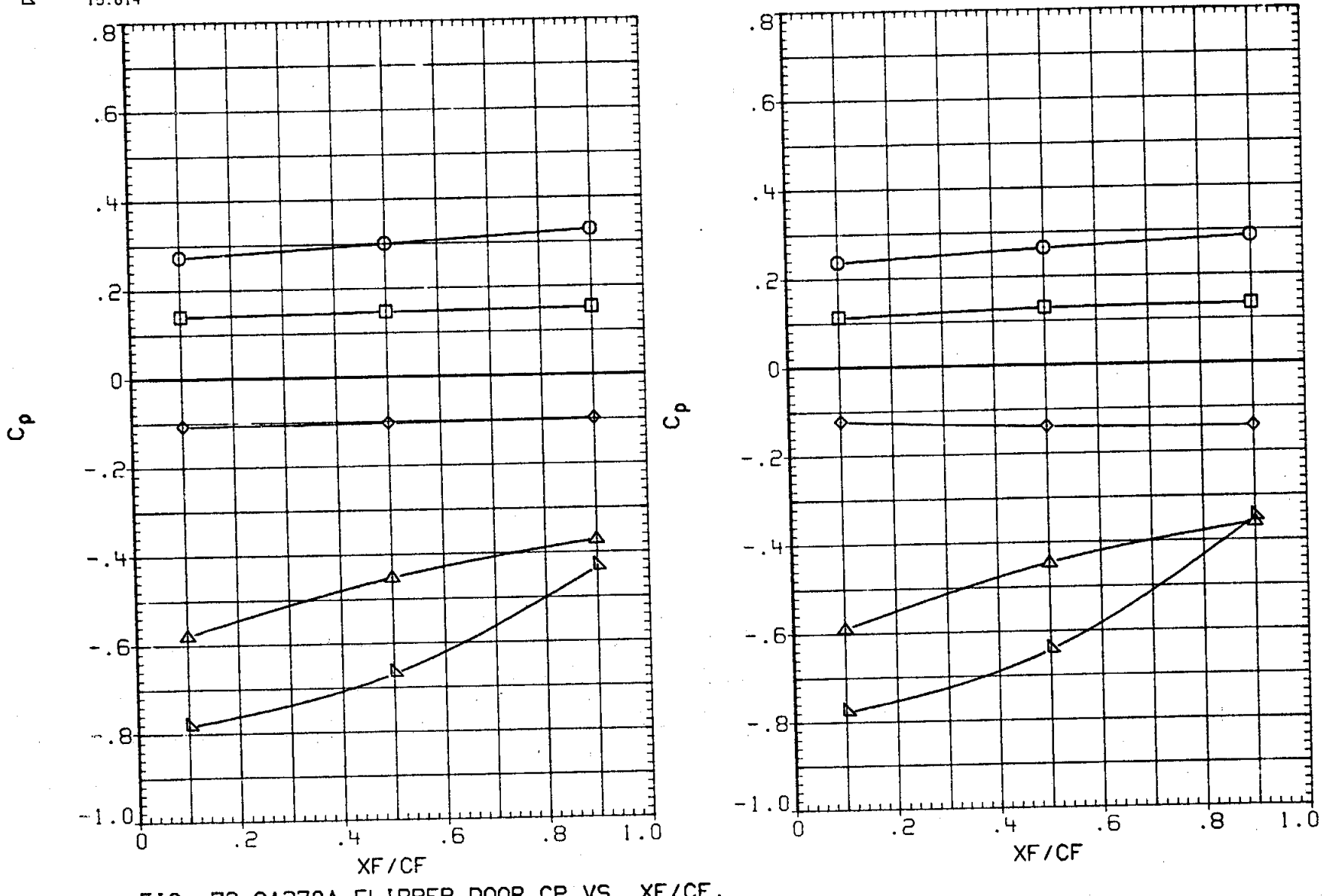


FIG. 72 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNI33) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.340	1.049
□	-10.009	.427	
◇	.002		
△	10.022		
◁	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

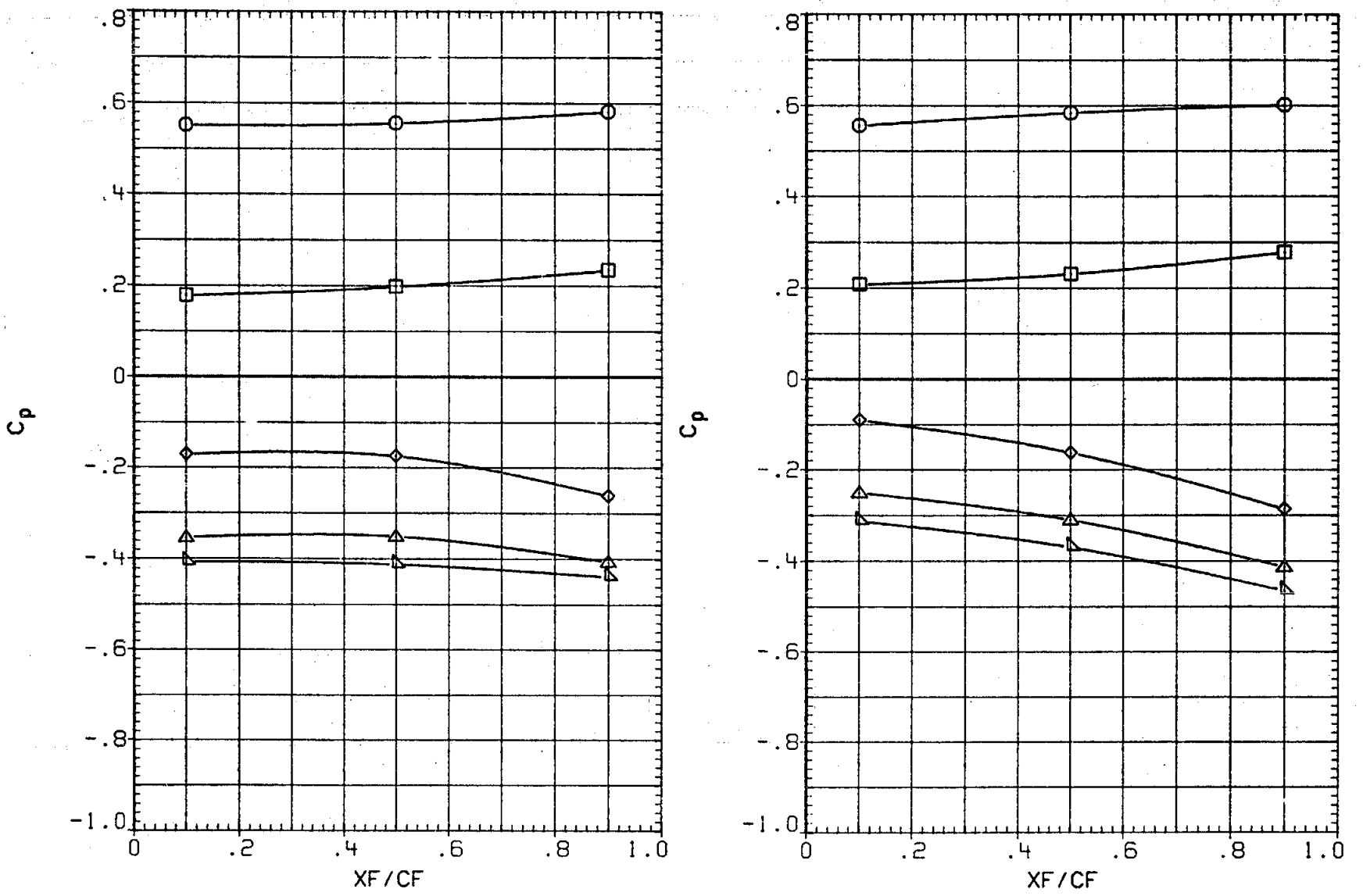


FIG. 72 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNI33) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.534	1.049
□	-10.009	.615	
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDPRK	25.000	RUDDER	.000
PH	.000		

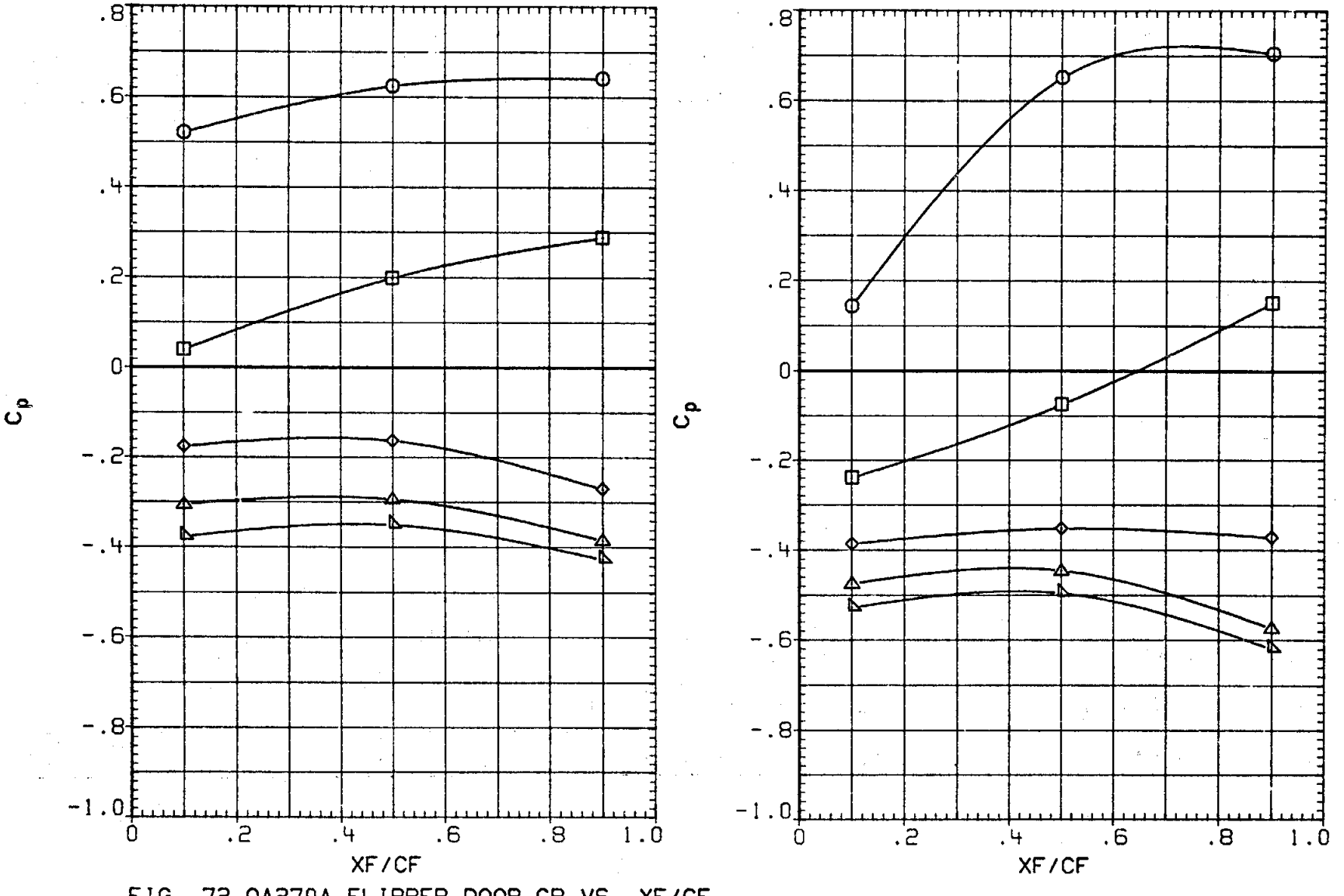


FIG. 72 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNI11) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.340	.950
□	5.100	.427	
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

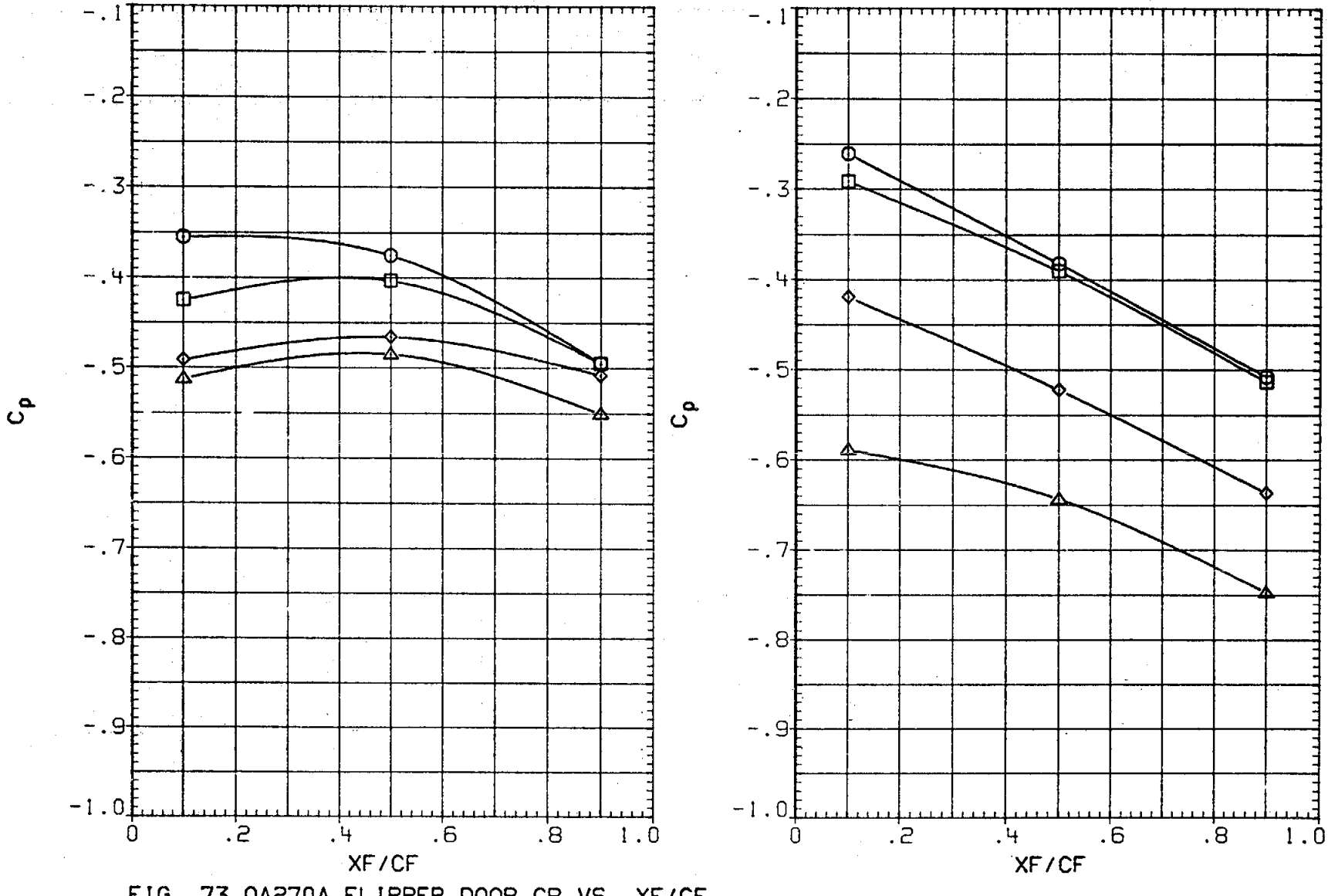


FIG. 73 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNI11) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.534	.950
□	5.100	.615	
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

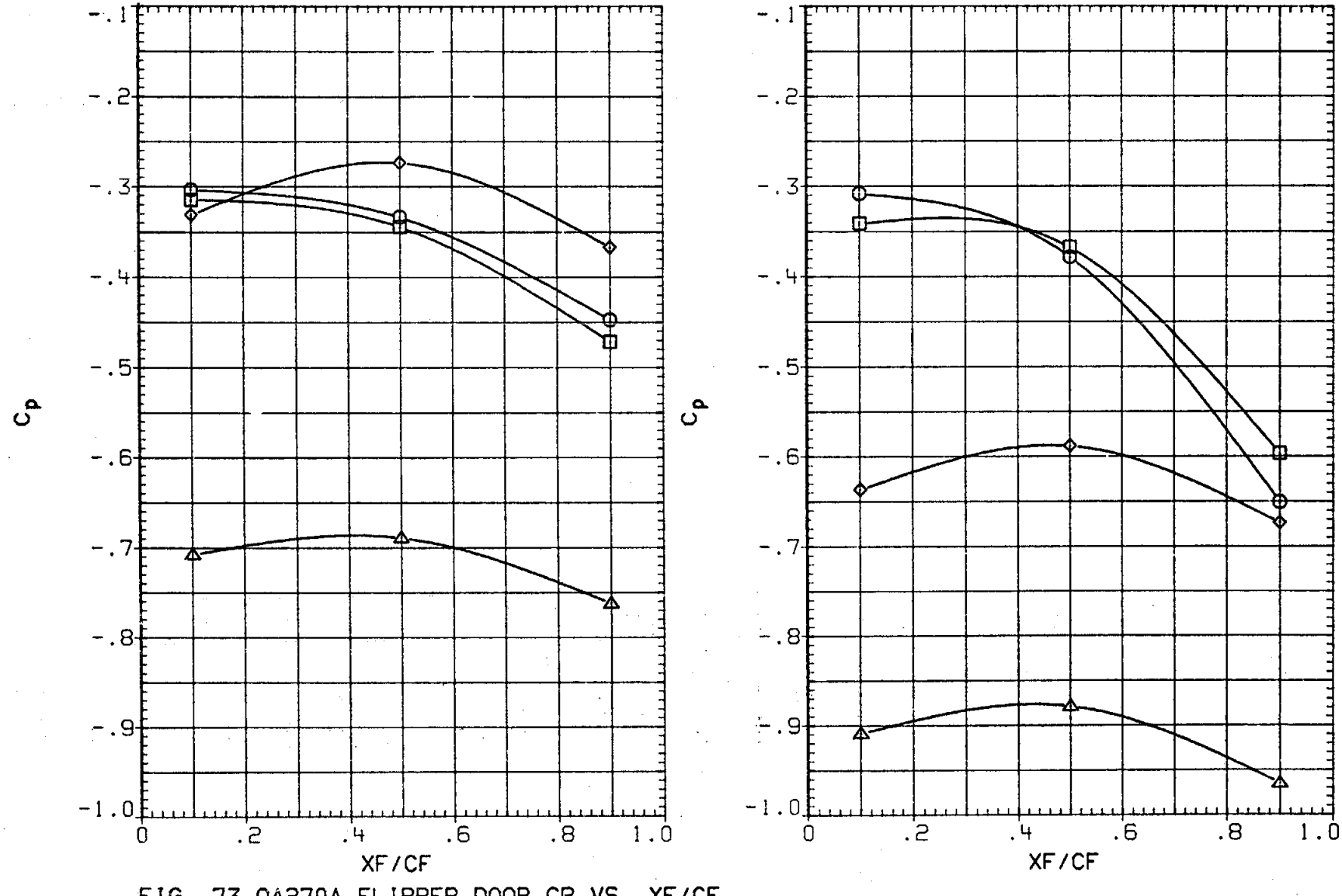


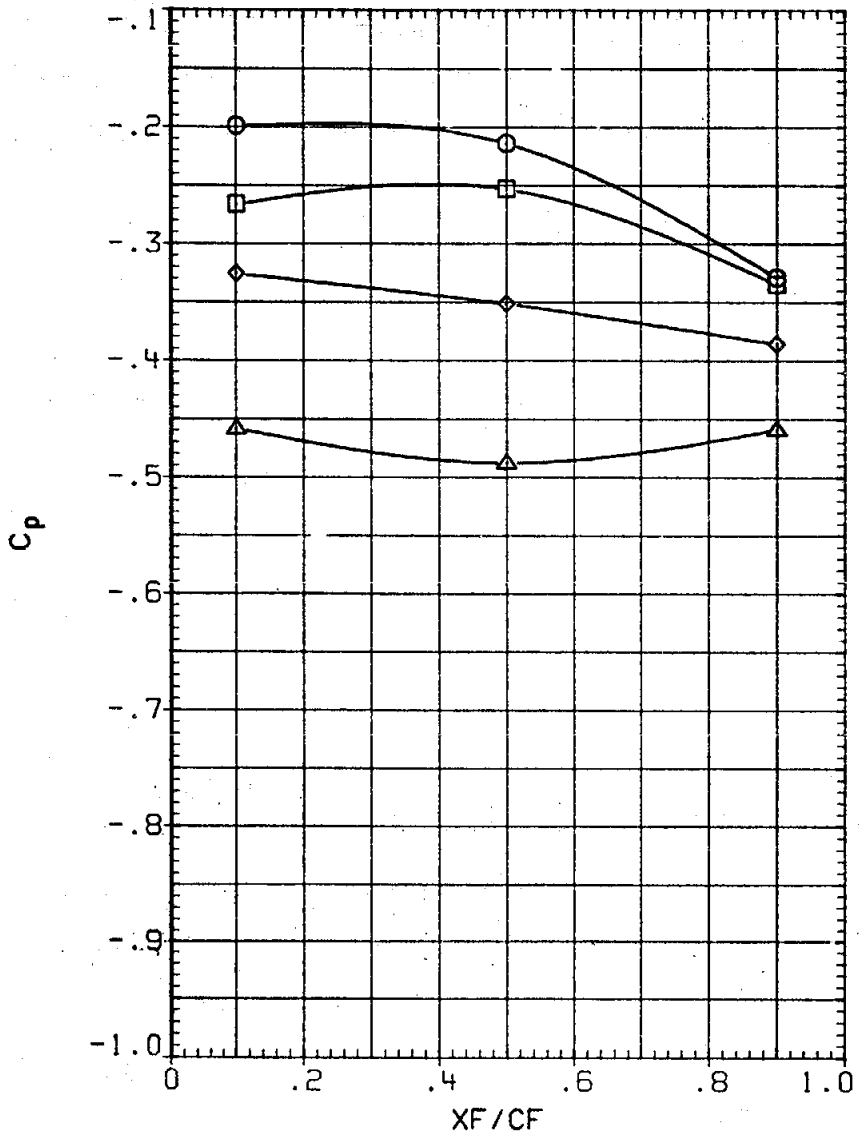
FIG. 73 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNI11) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.340	1.049
□	5.098	.427	
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BOFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



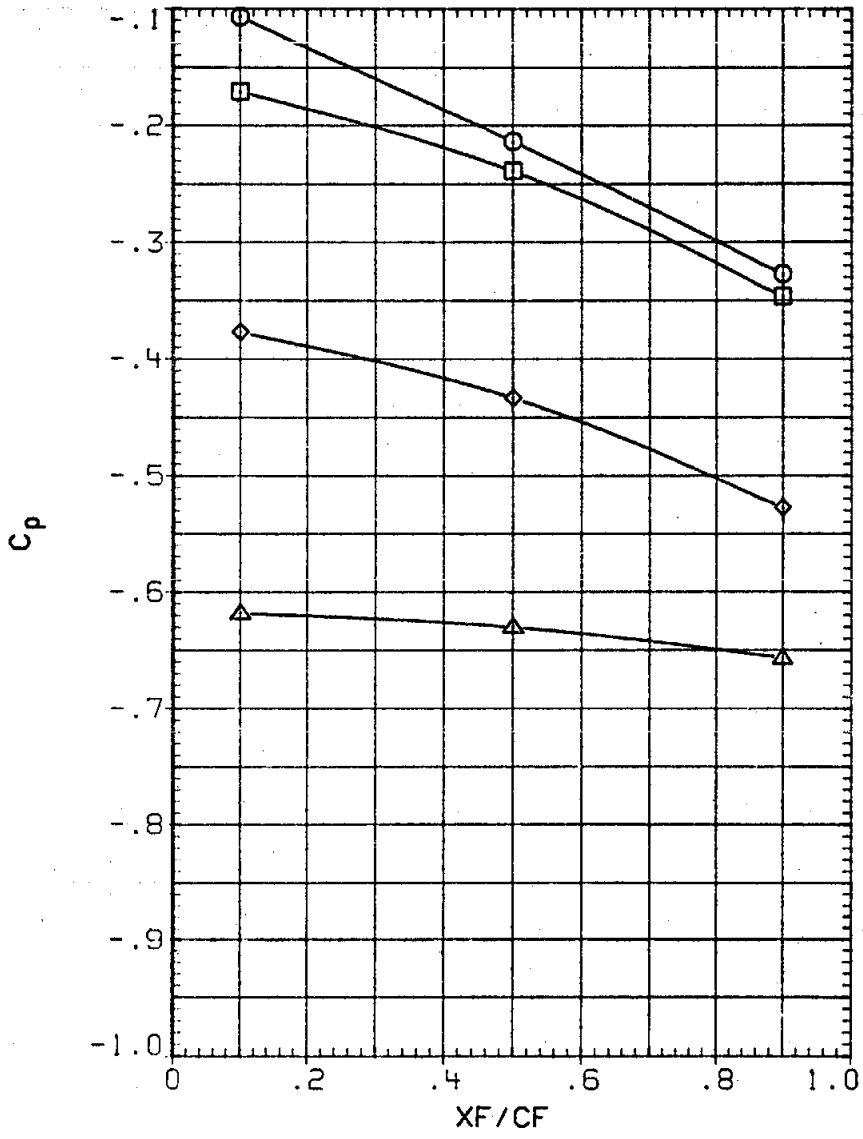


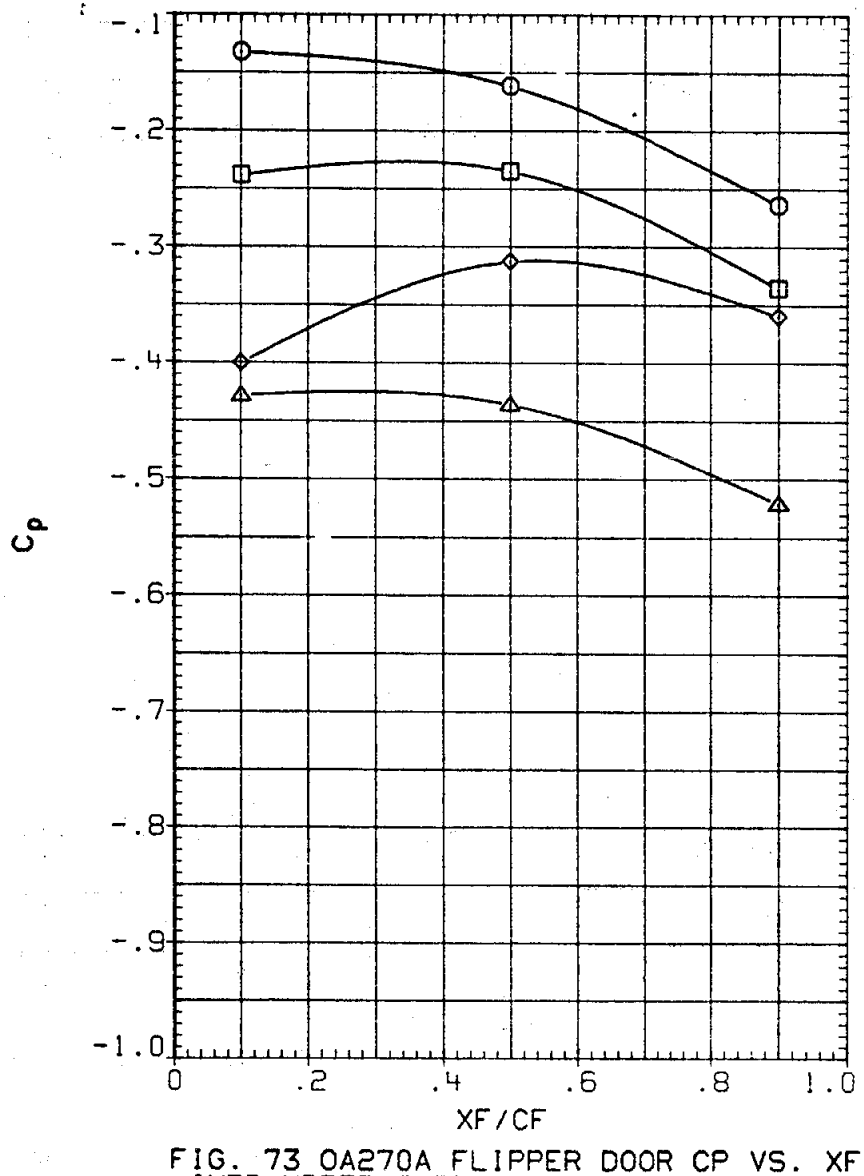
FIG. 73 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNI11) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.534	1.049
□	5.098	.615	
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



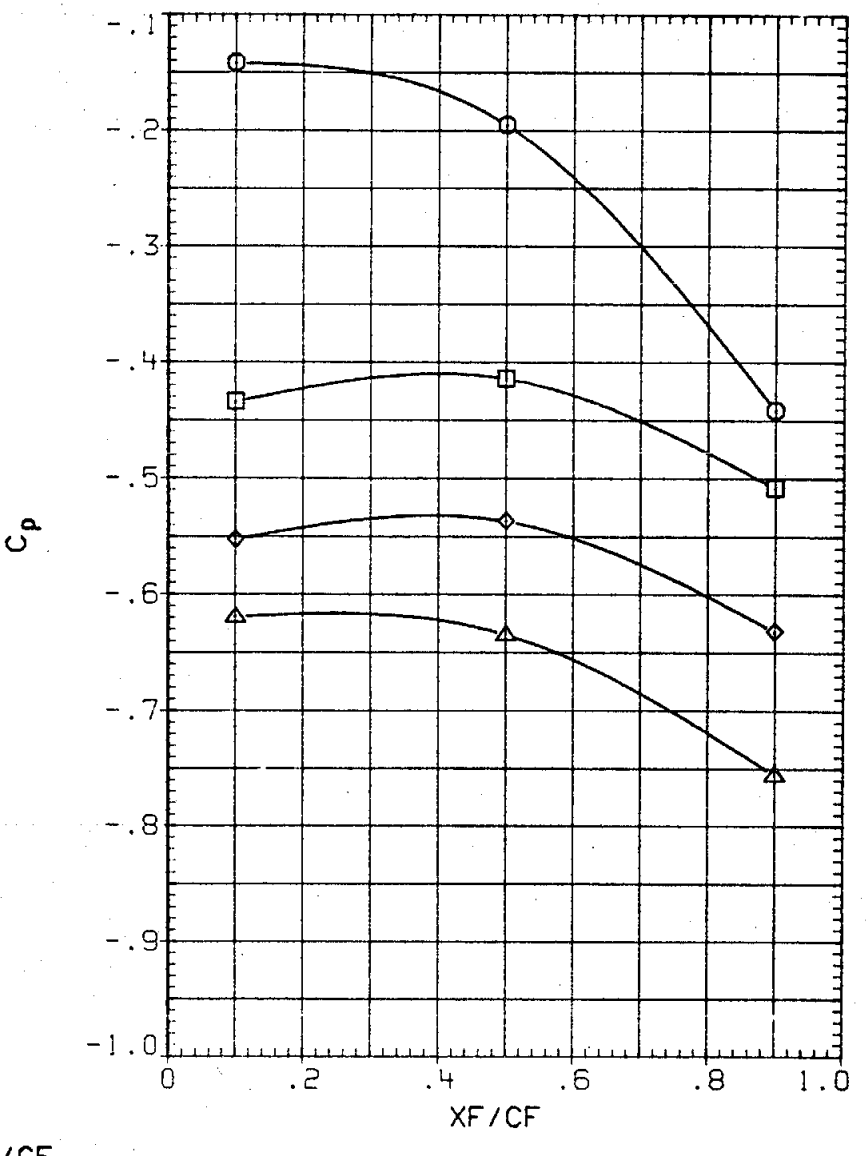


FIG. 73 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNI04) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.340	.952
□	5.109	.427	
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

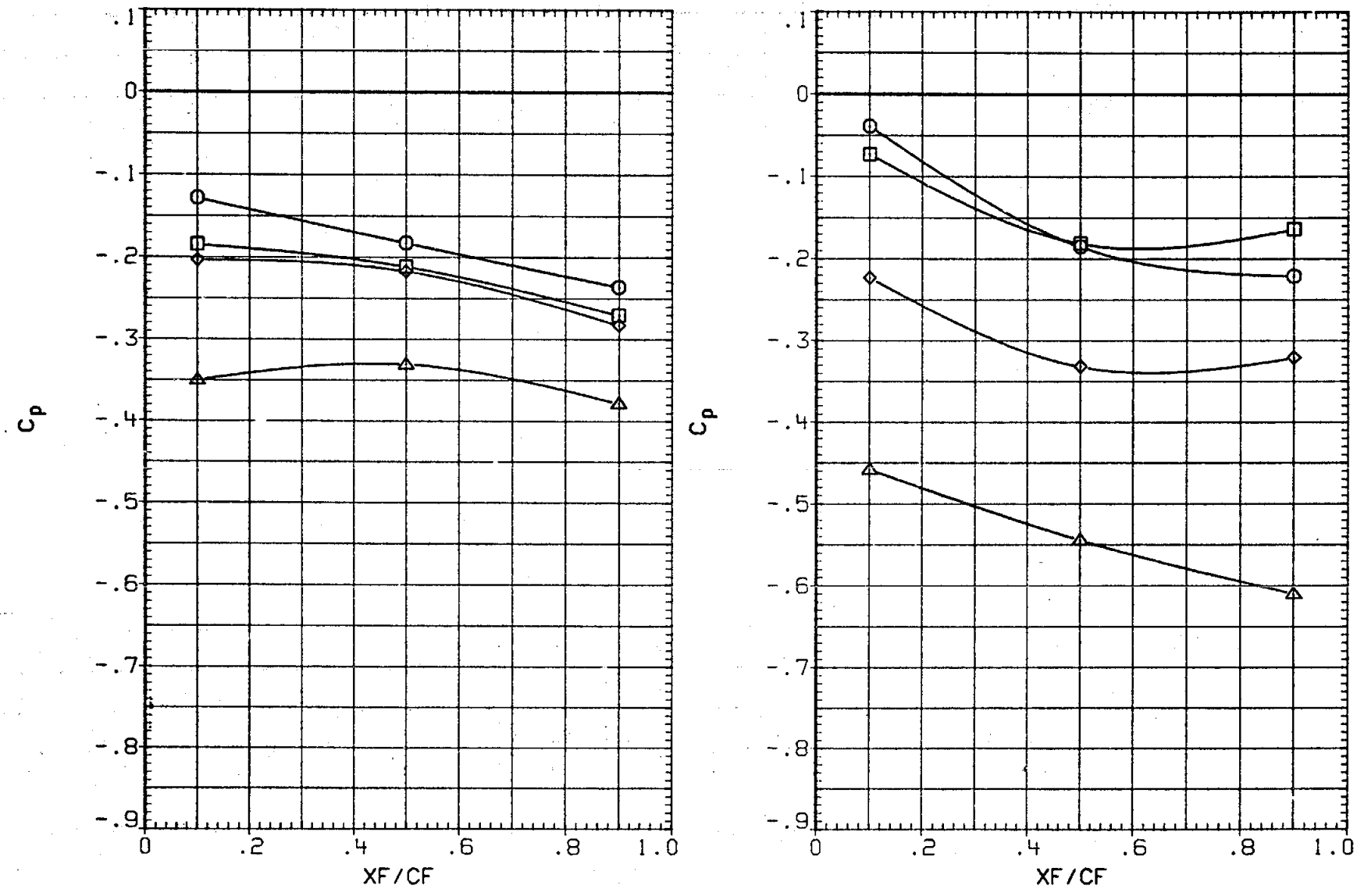


FIG. 74 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNI04) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.534	.952
□	5.109	.615	
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

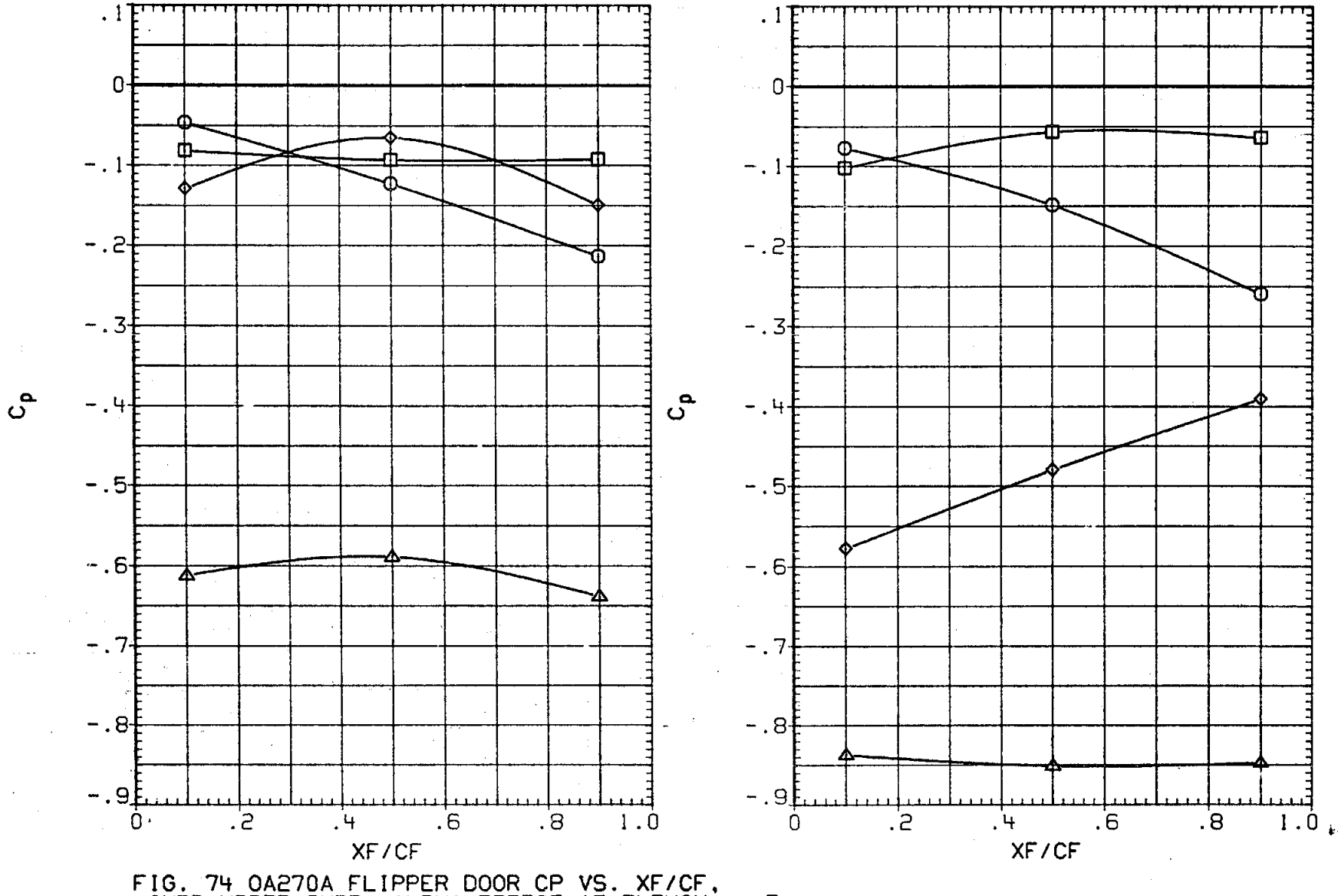


FIG. 74 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNI04) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.340	1.052
□	5.113	.427	
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

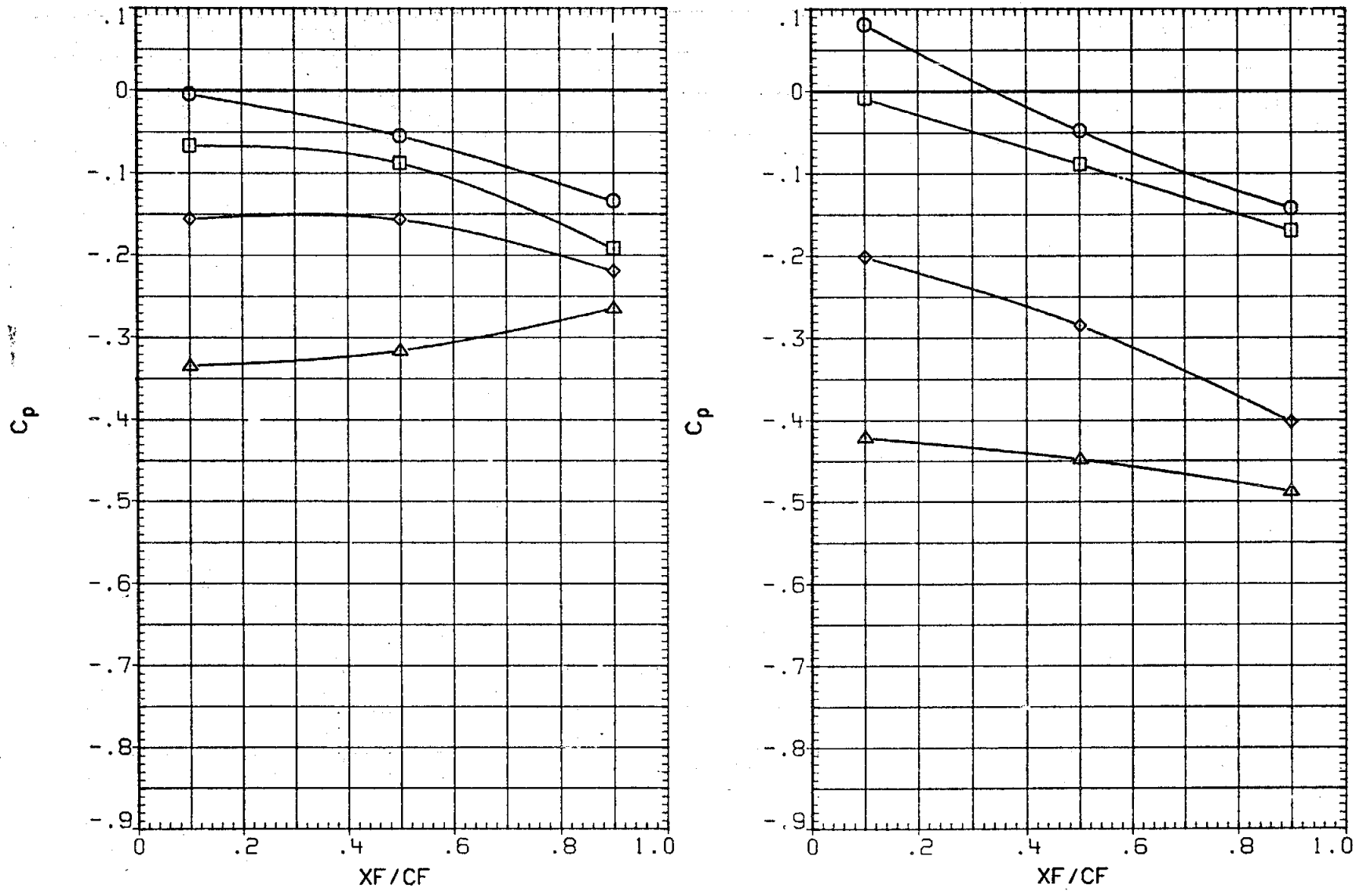


FIG. 74 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNI04) LARC 16 TWT 326(0A270A) FLP DR IB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.534	1.052
□	5.113	.615	
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

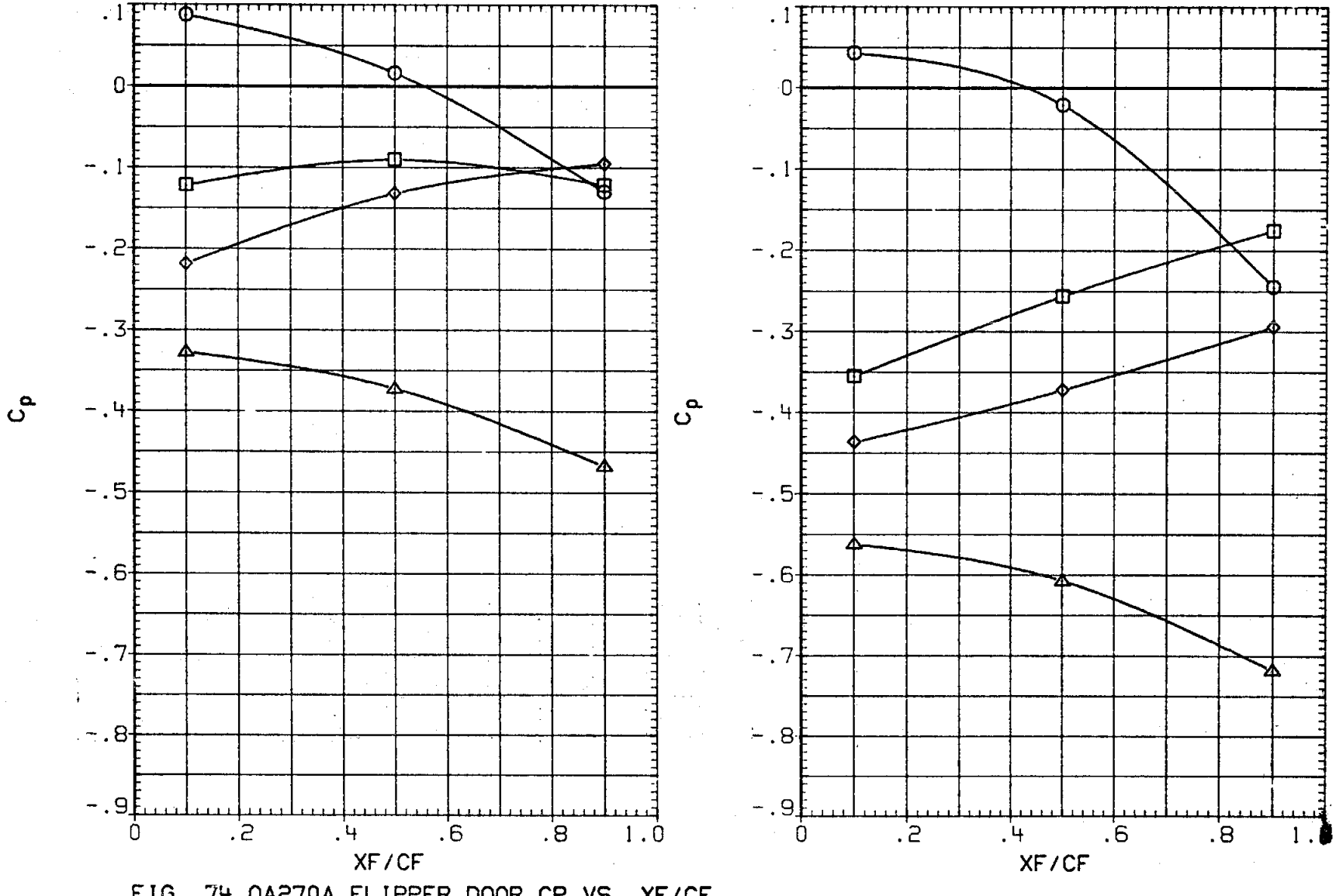


FIG. 74 0A270A FLIPPER DOOR CP VS. XF/CF, INBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.097	.715	.901
□	5.124	.800	
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

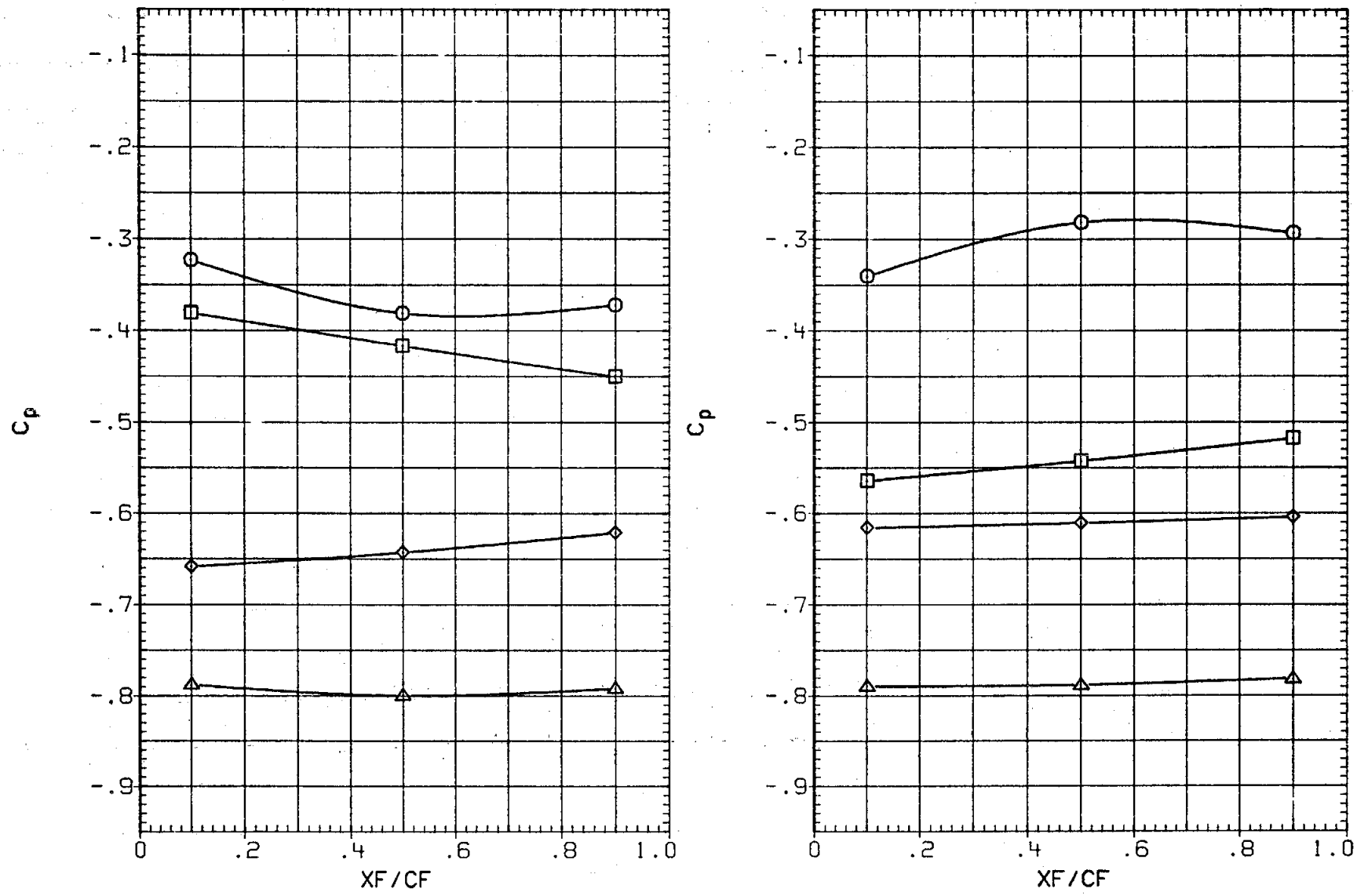


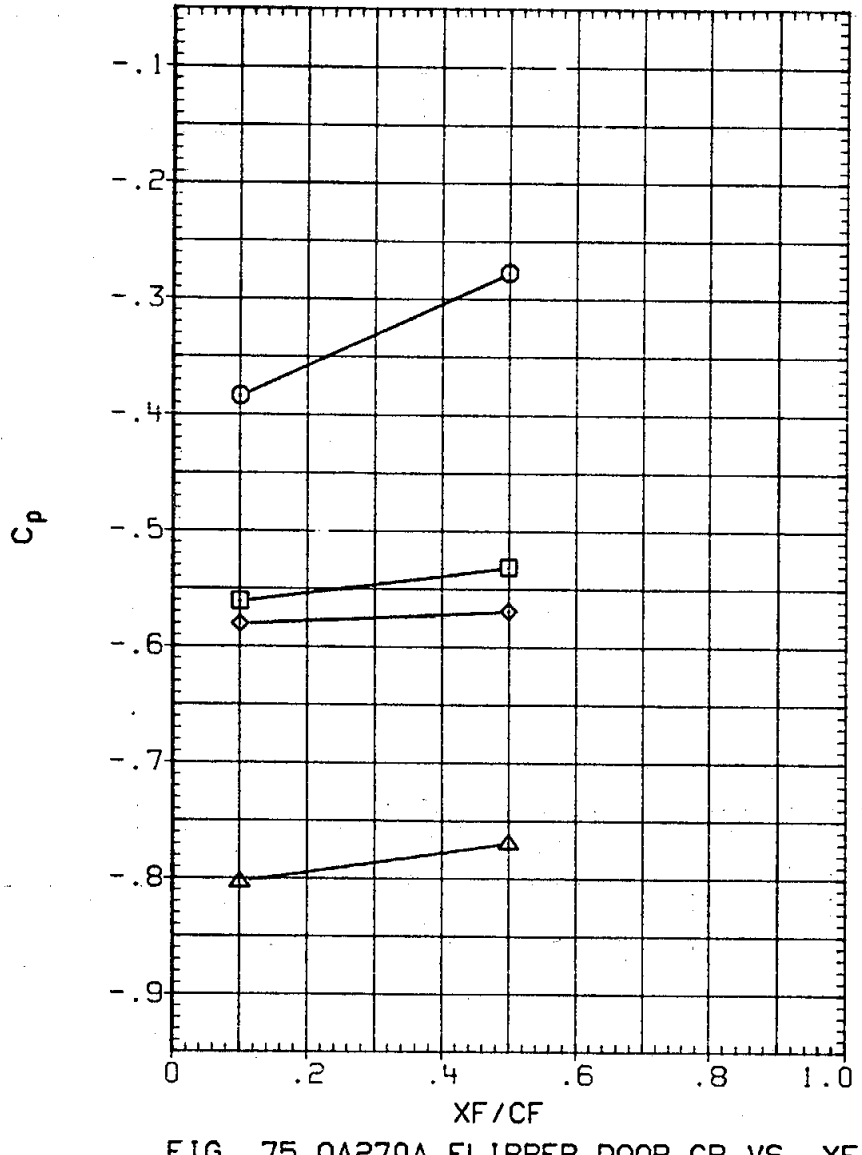
FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR 0B UPPER

SYMBOL	ALPHA	2Y/Bw	MACH
○	.097	.887	.901
□	5.124	.960	
◇	10.136		
△	15.126		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



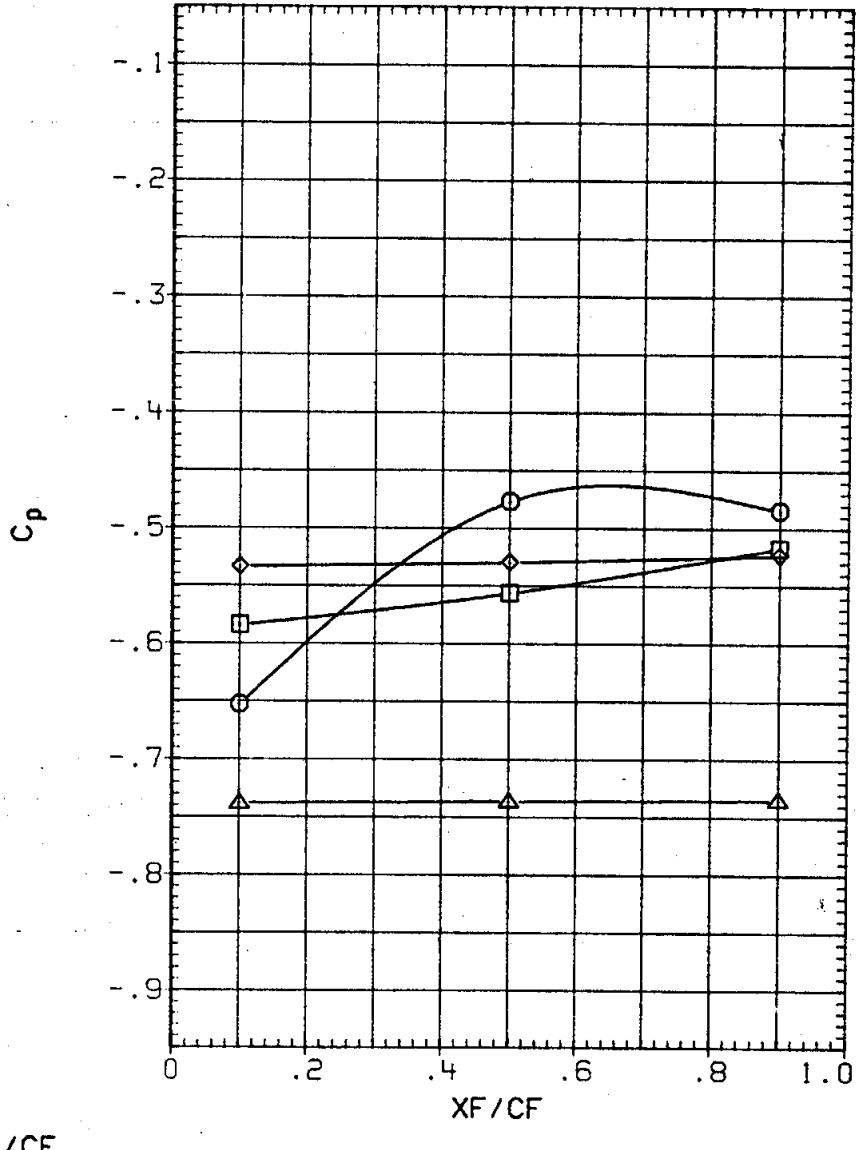


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.715	.952
□	5.112	.800	
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

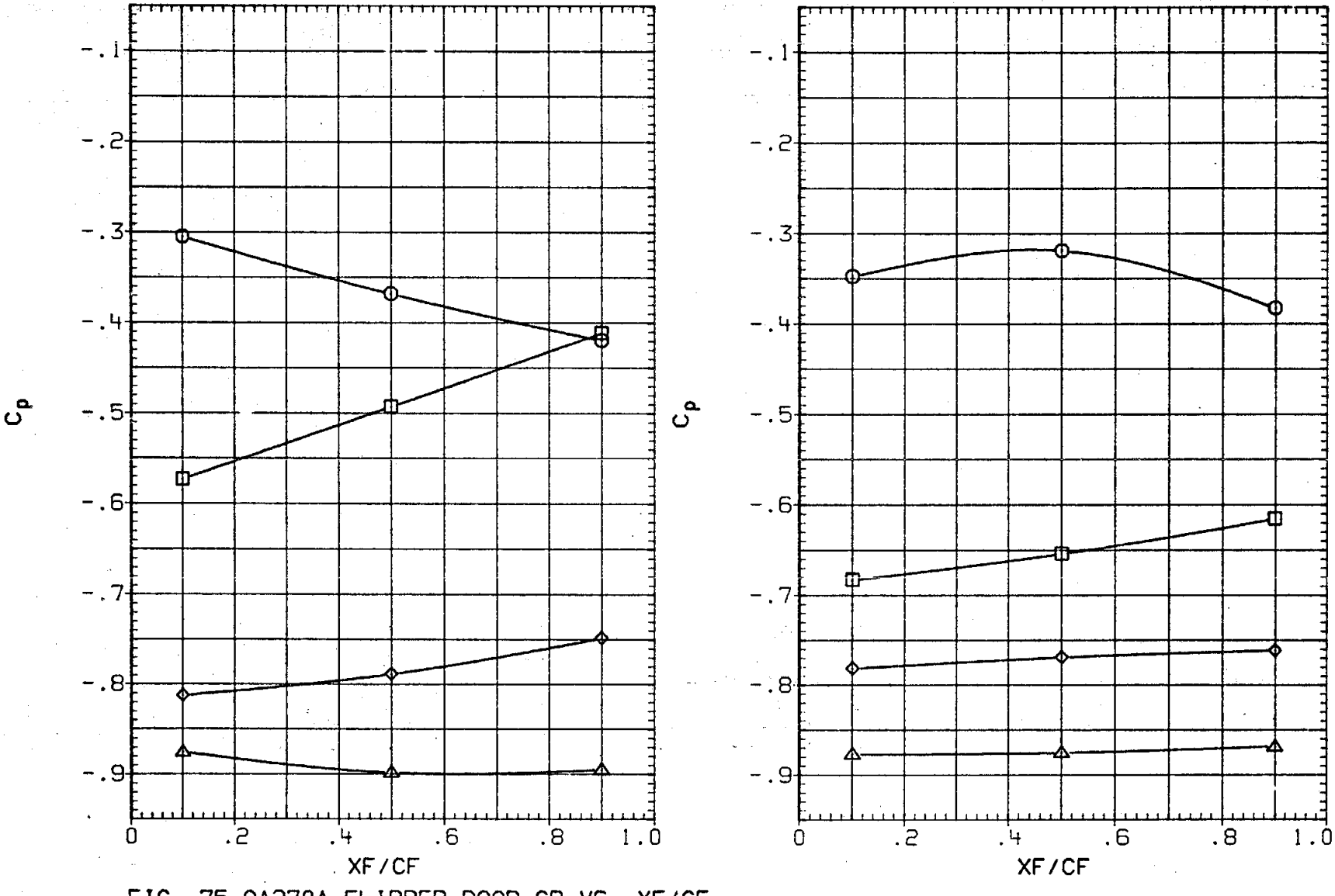


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.100	.887	.952
□	5.112	.960	
◇	10.130		
△	15.140		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

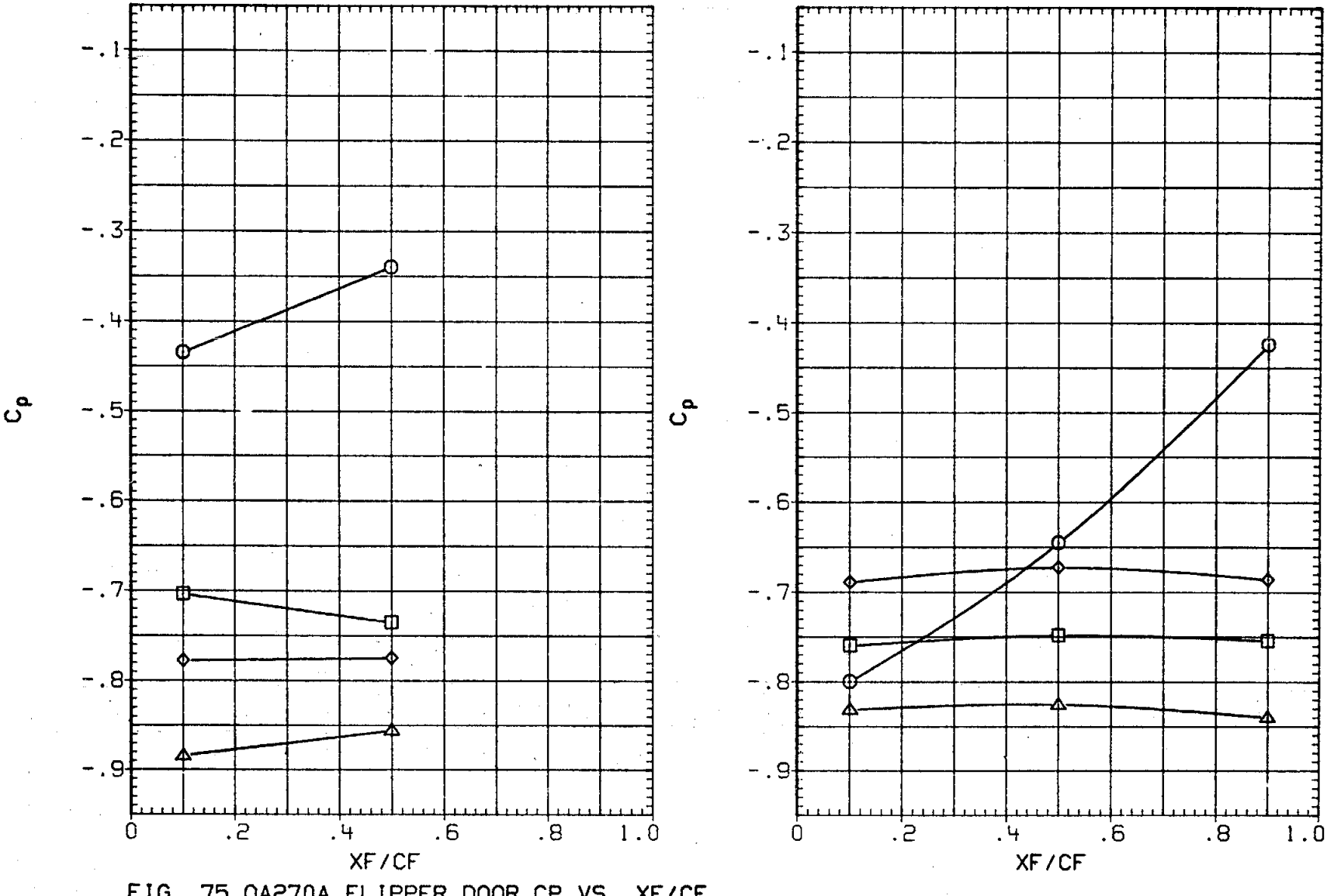


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.715	.982
□	5.098	.800	
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

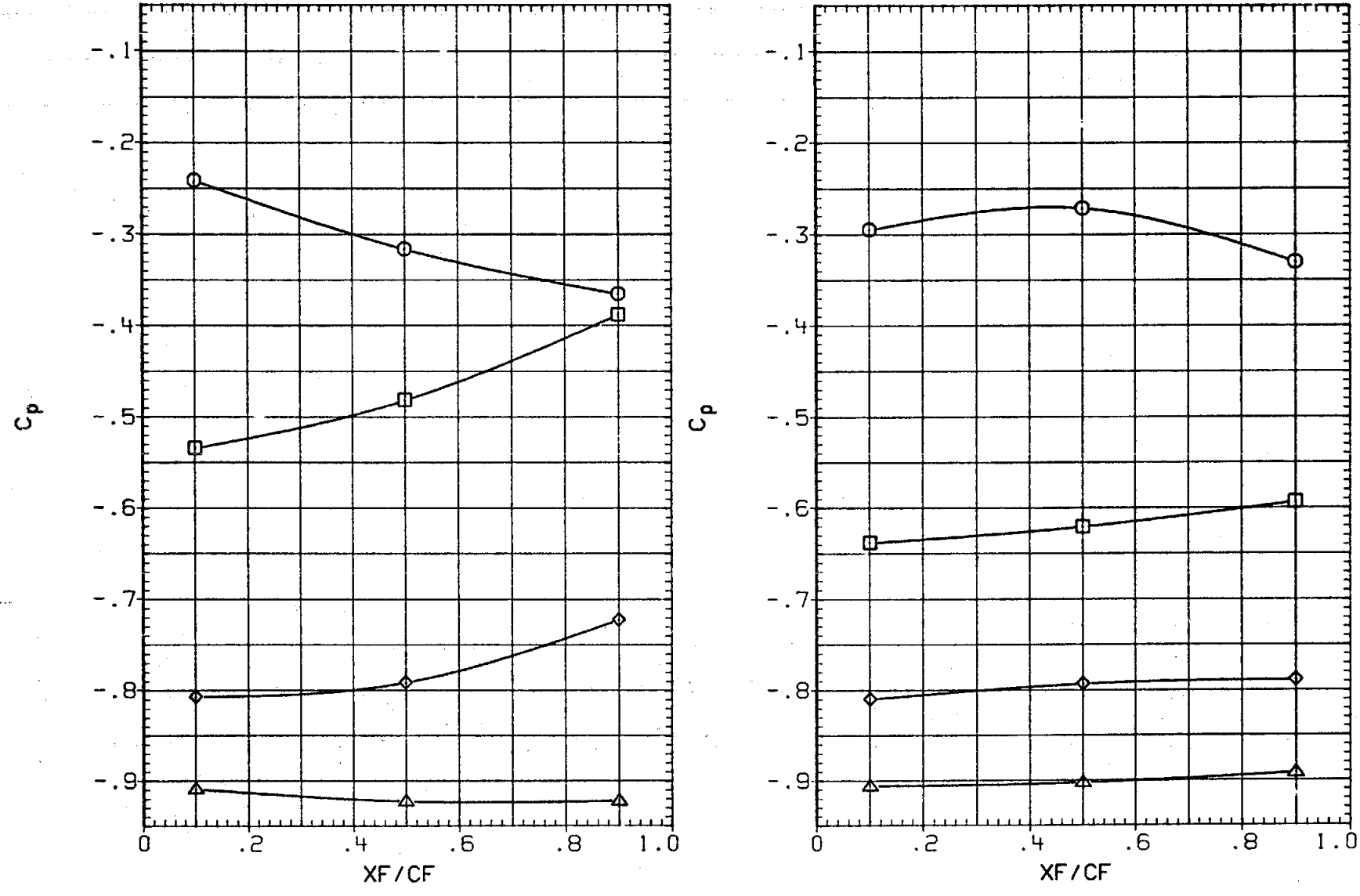


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.126	.887	.982
□	5.098	.960	
◇	10.140		
△	15.114		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

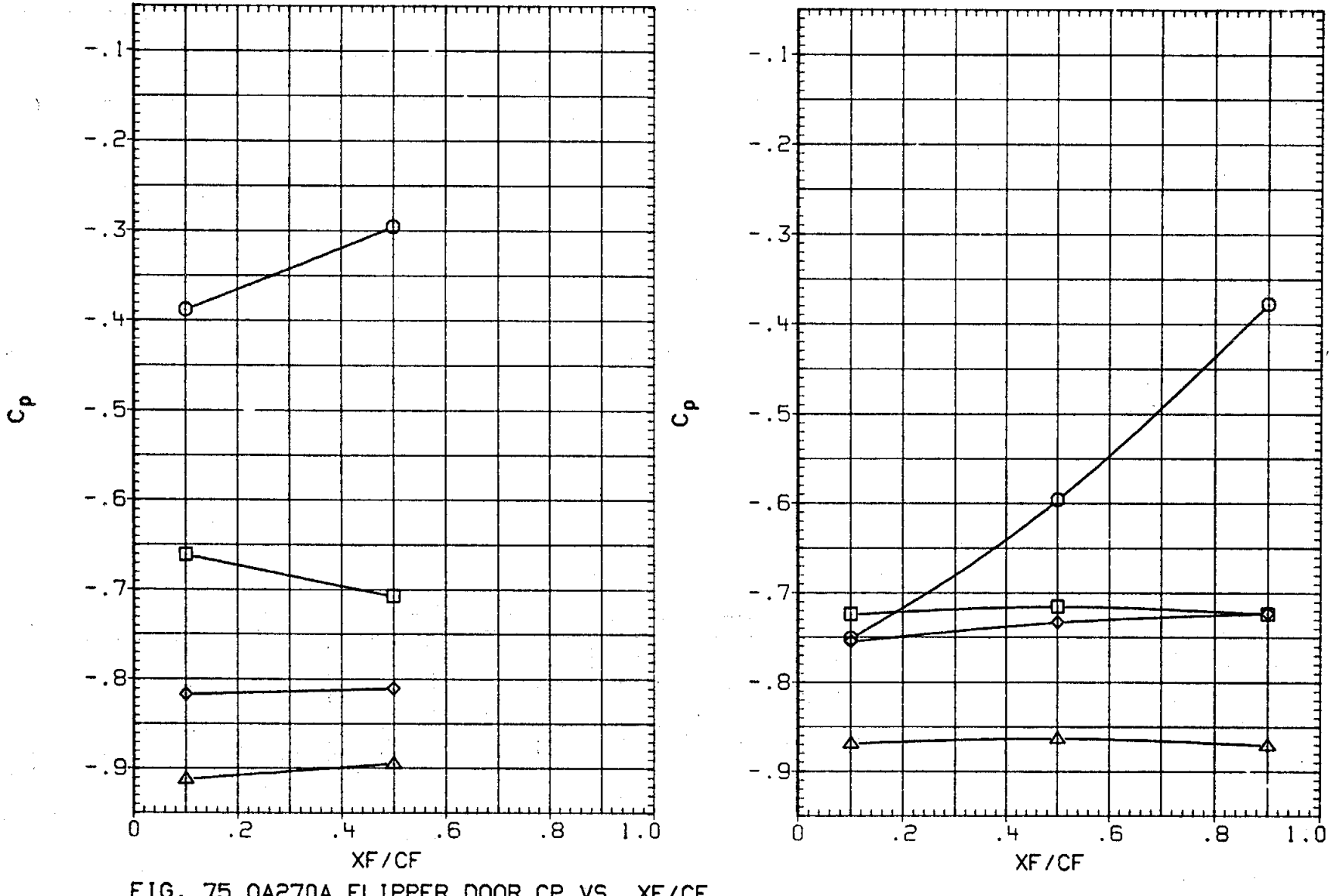


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.715	1.051
□	5.125	.800	
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

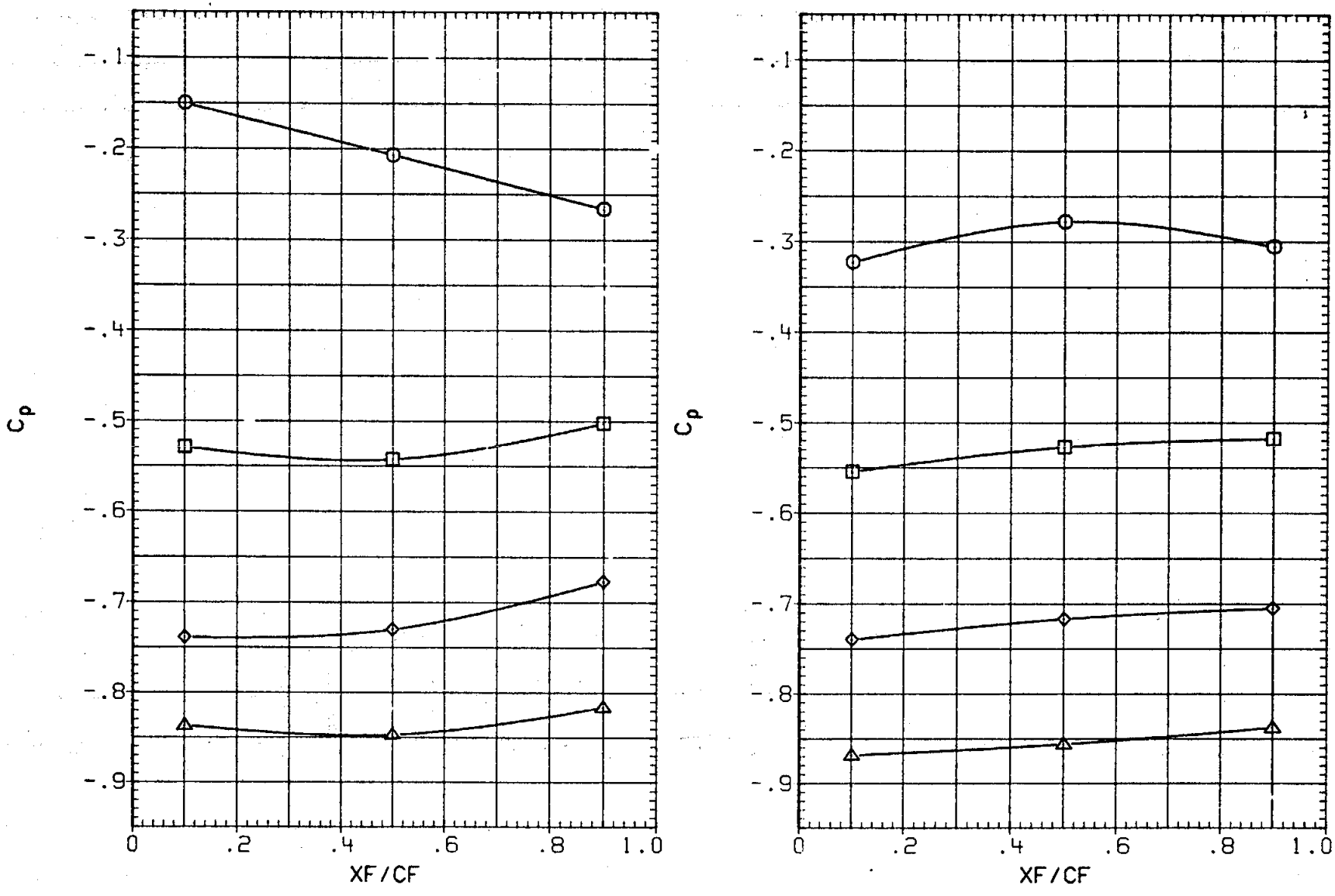


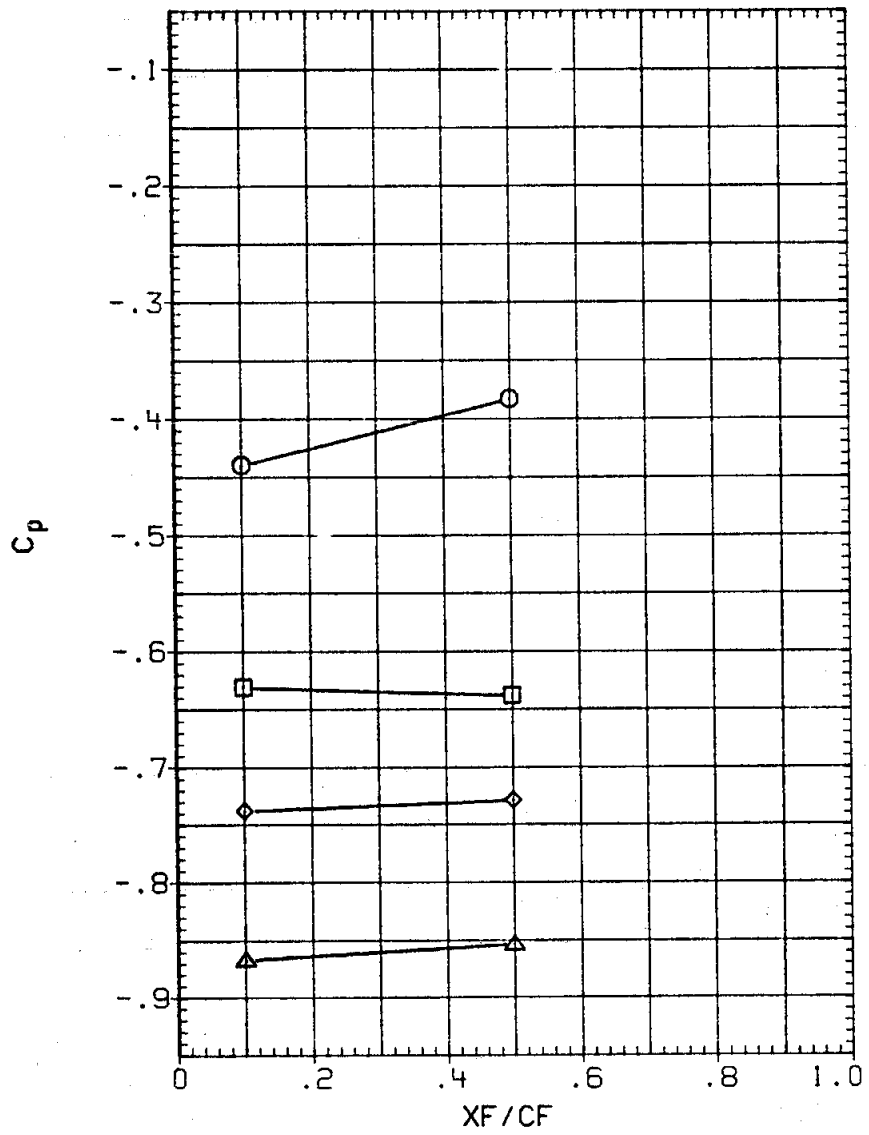
FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.093	.887	1.051
□	5.125	.960	
◇	10.096		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



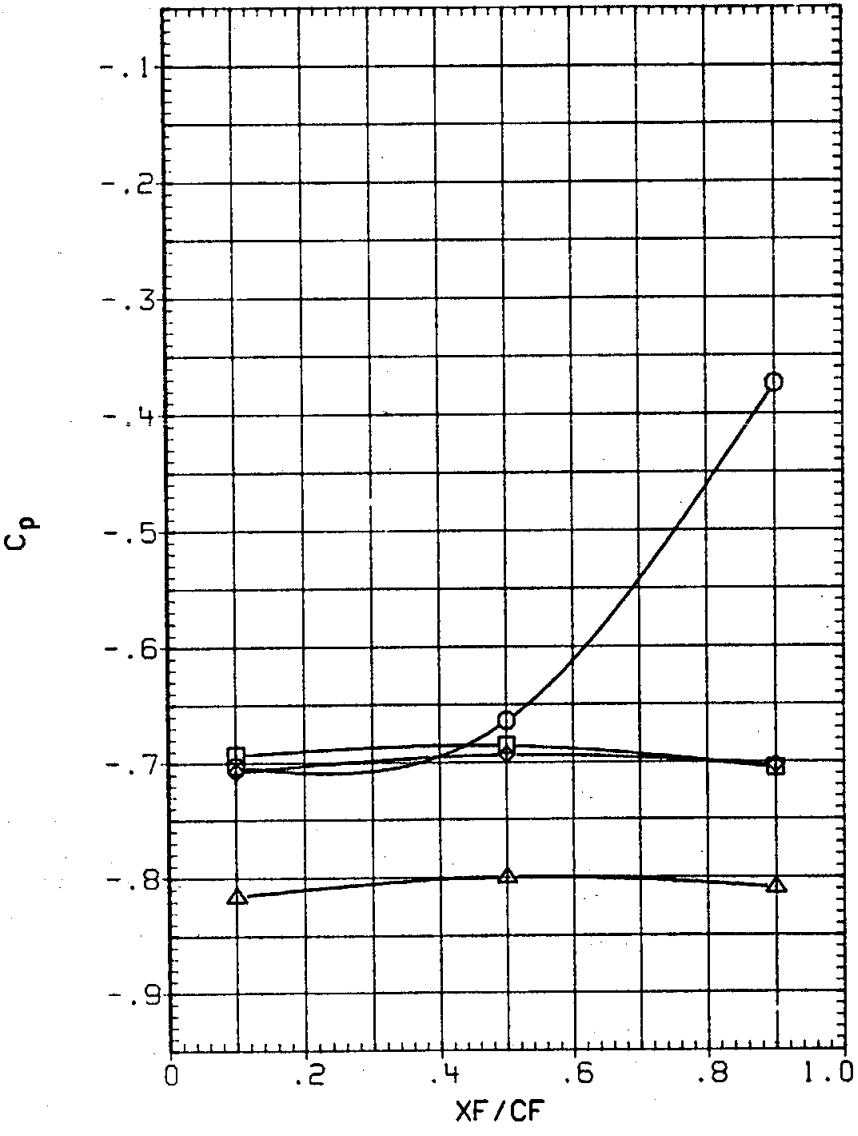


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR 0B UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.715	1.099
□	5.133	.800	
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

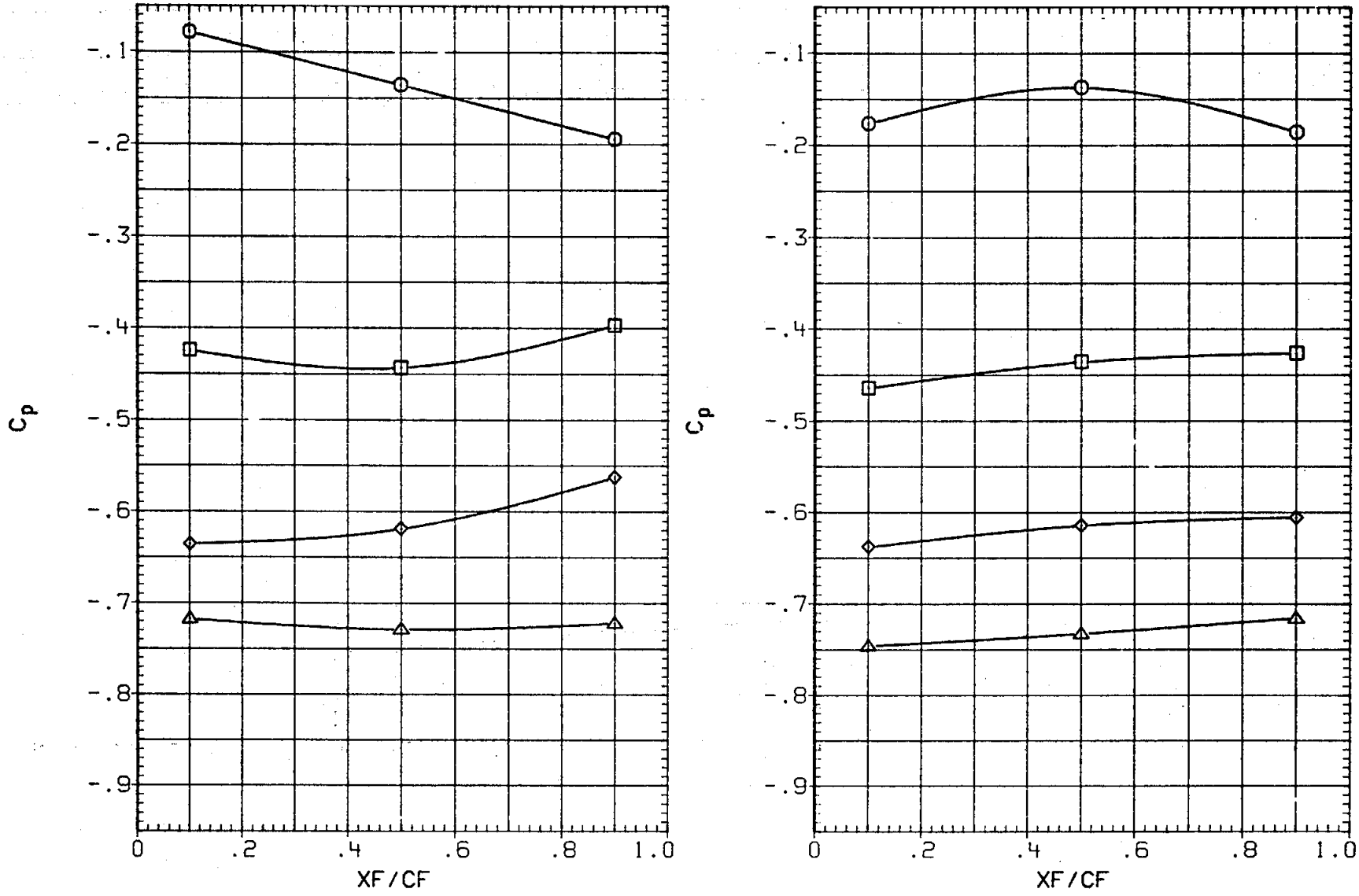


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.104	.887	1.099
□	5.133	.960	
◇	10.107		
△	15.118		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

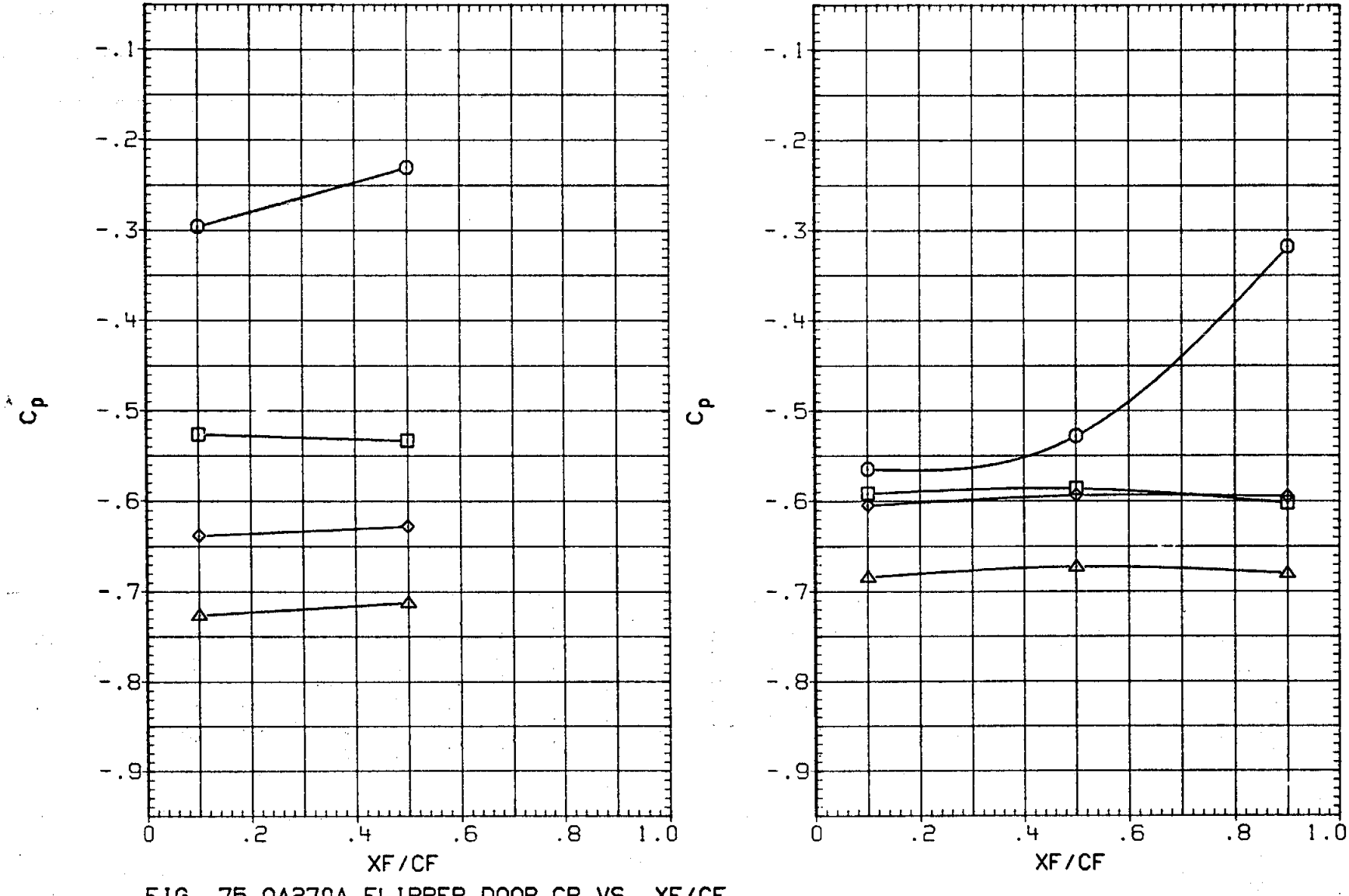


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.715	1.202
□	5.109	.800	
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

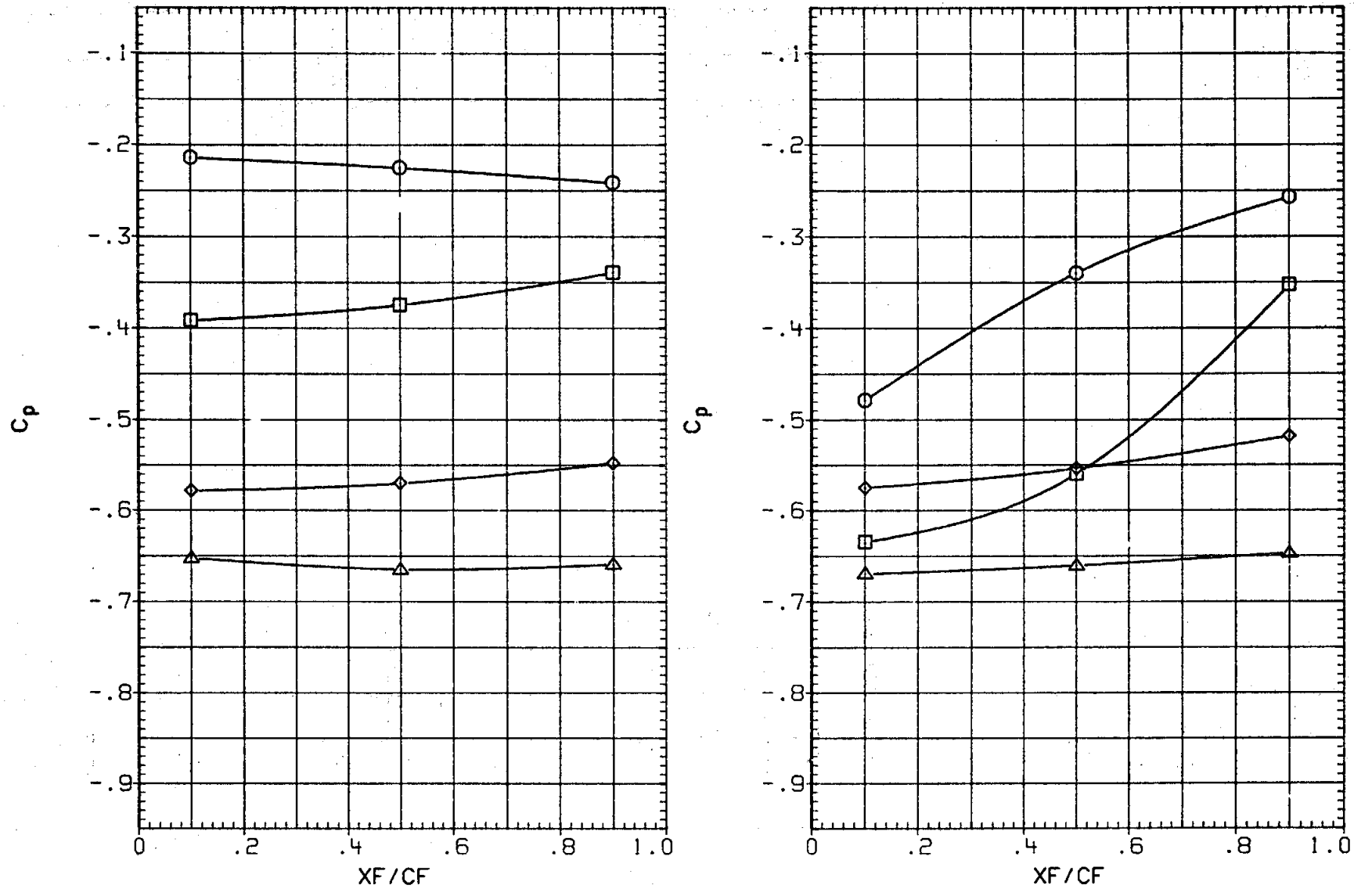


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ07) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.117	.887	1.202
□	5.109	.960	
◇	10.120		
△	15.110		

PARAMETRIC VALUES

BETA	.000	ELEVON	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

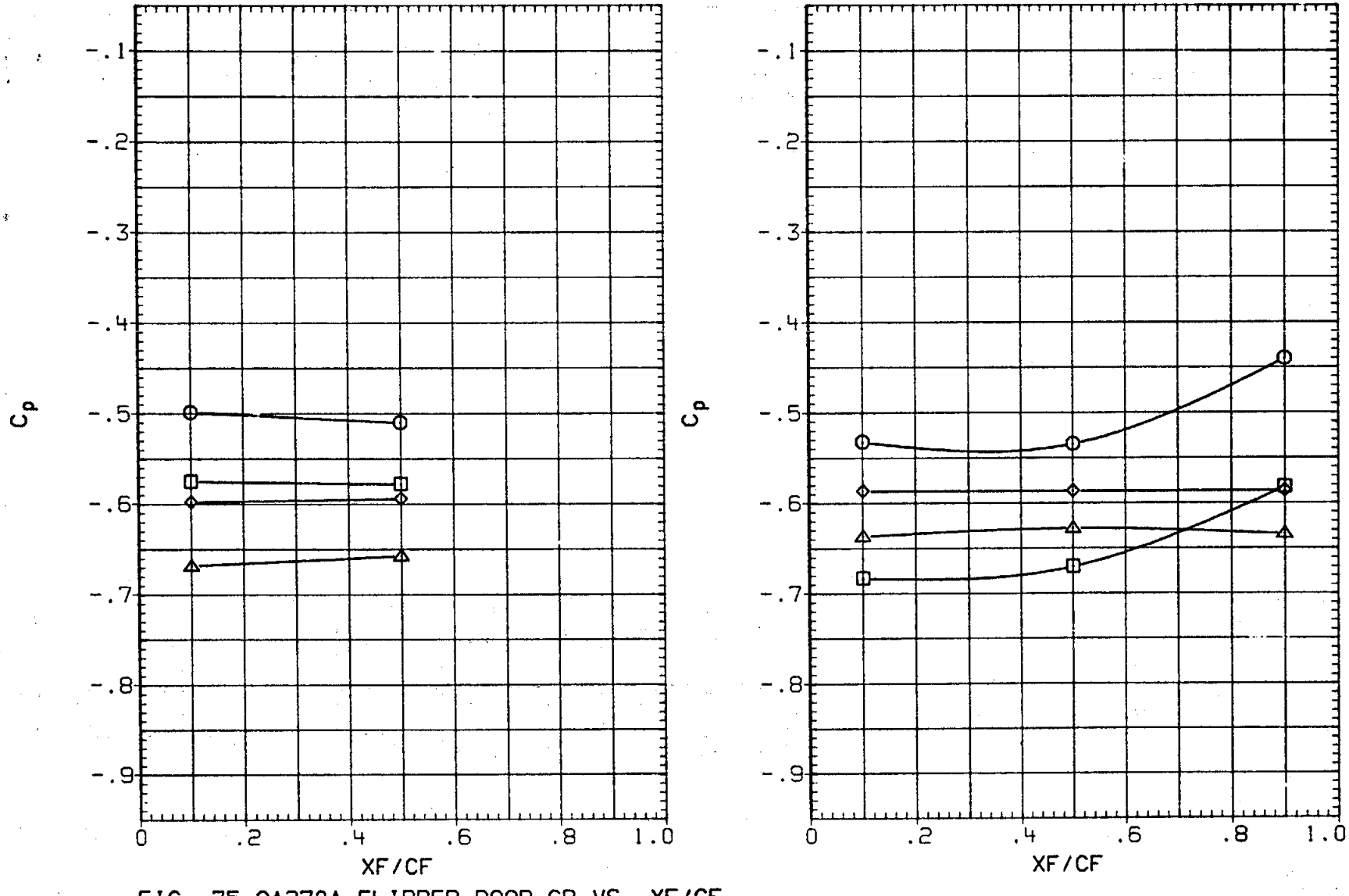


FIG. 75 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 0

(RKNJ33) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.715	.799
□	-10.025	.800	
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

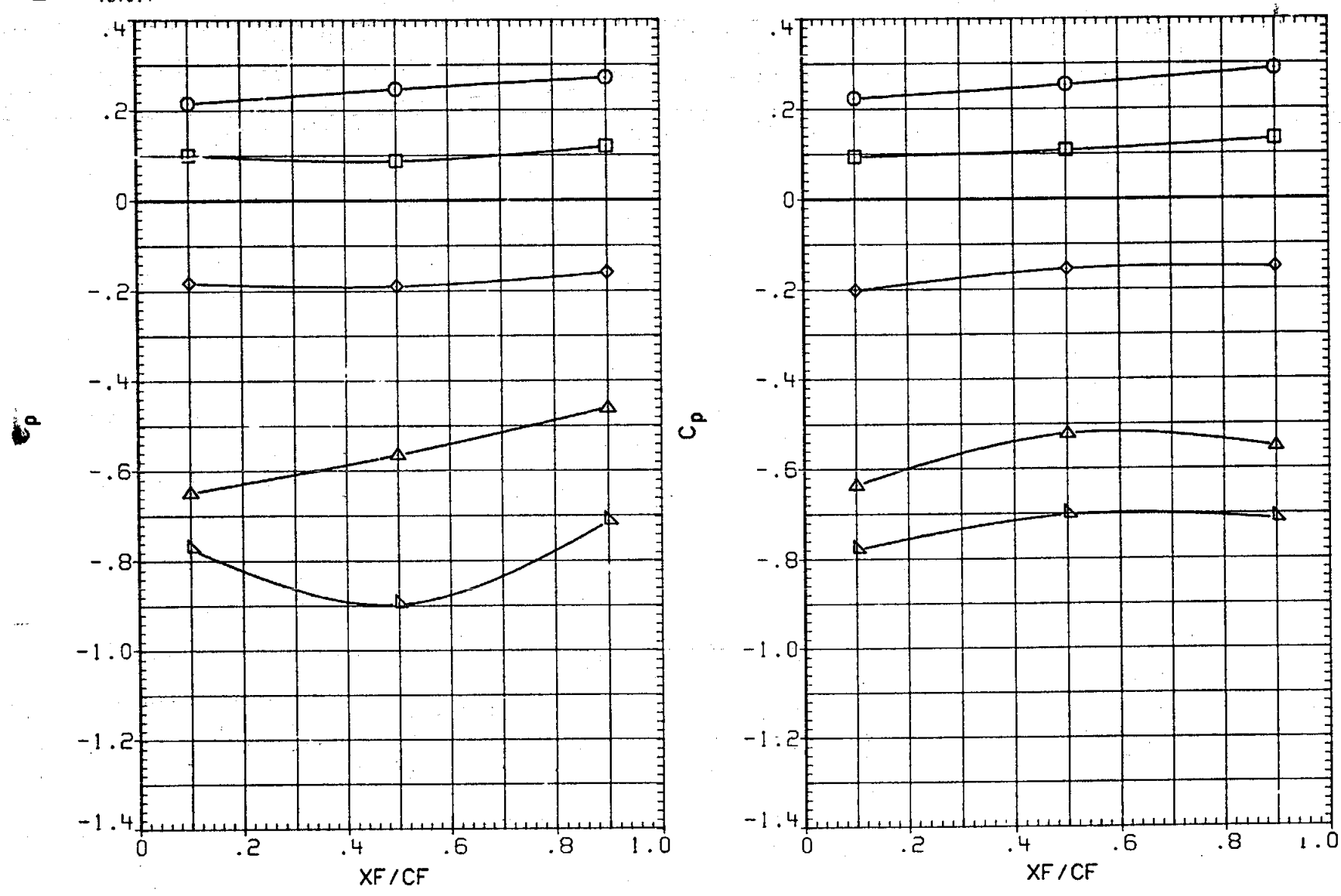


FIG. 76 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNJ33) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.035	.887	.799
□	-10.025	.960	
◇	-.015		
△	10.018		
◁	15.014		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

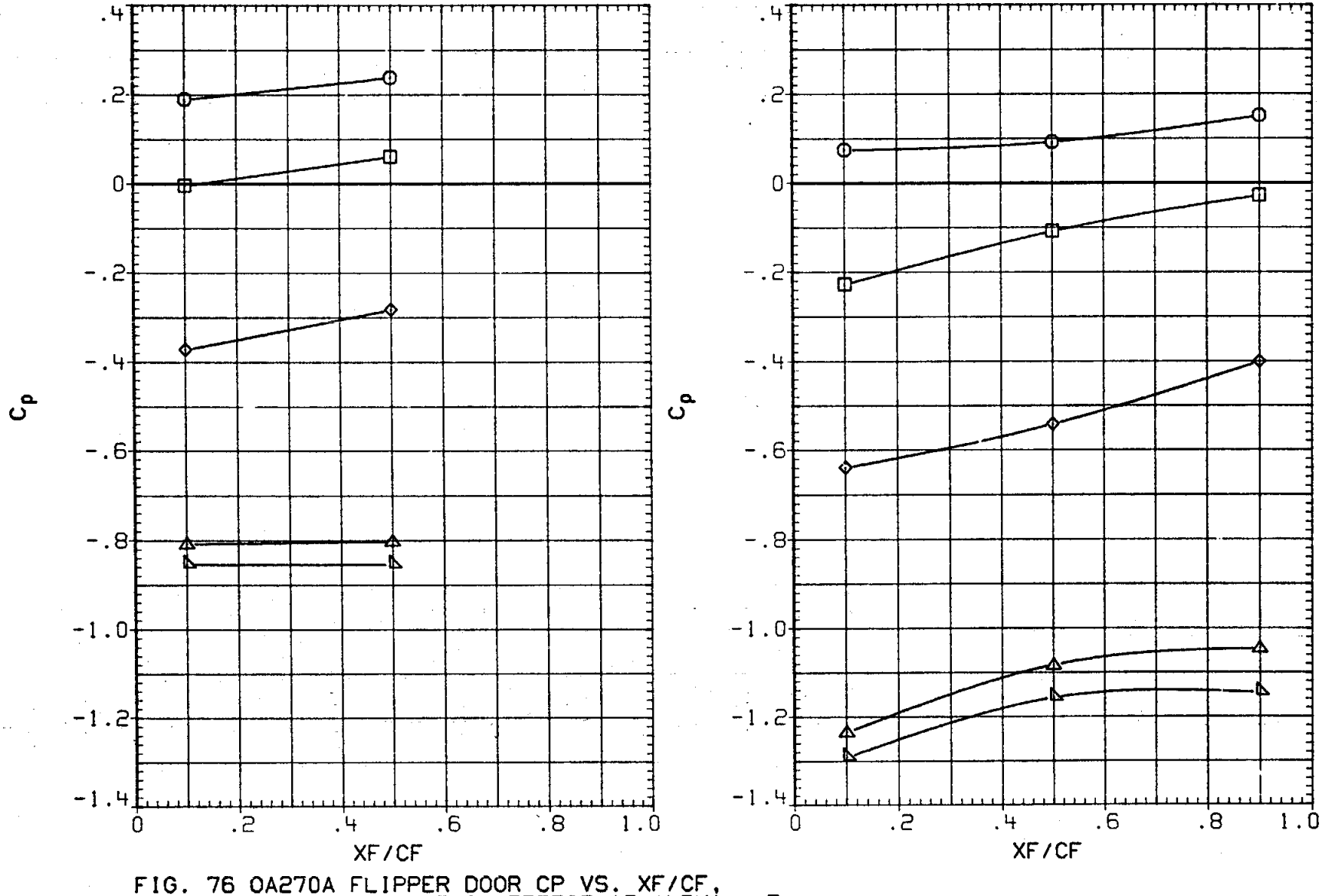


FIG. 76 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNJ33) LARC 16 TWT 326(0A270A) FLP DR 0B UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.715	1.049
□	-10.009	.800	
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

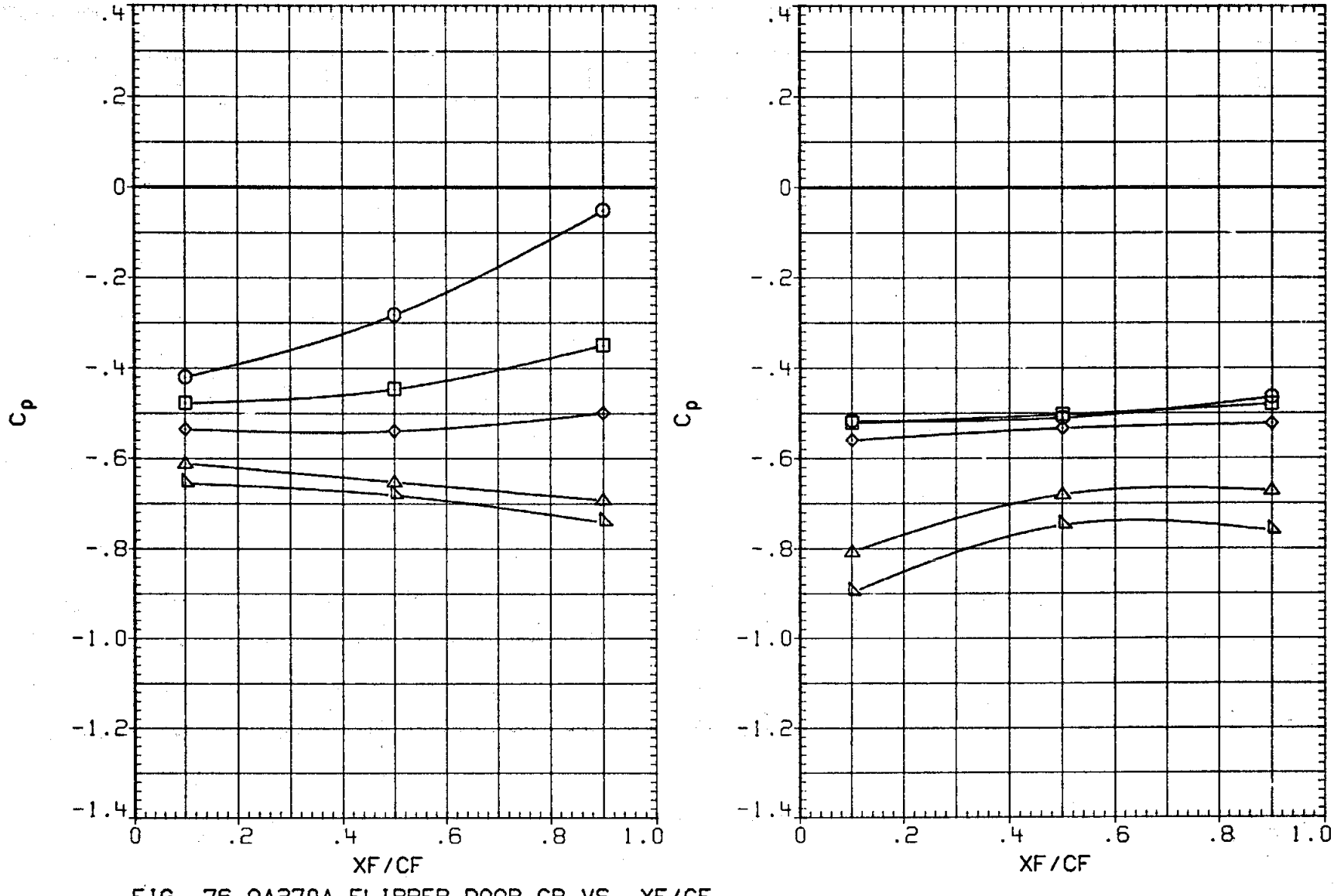


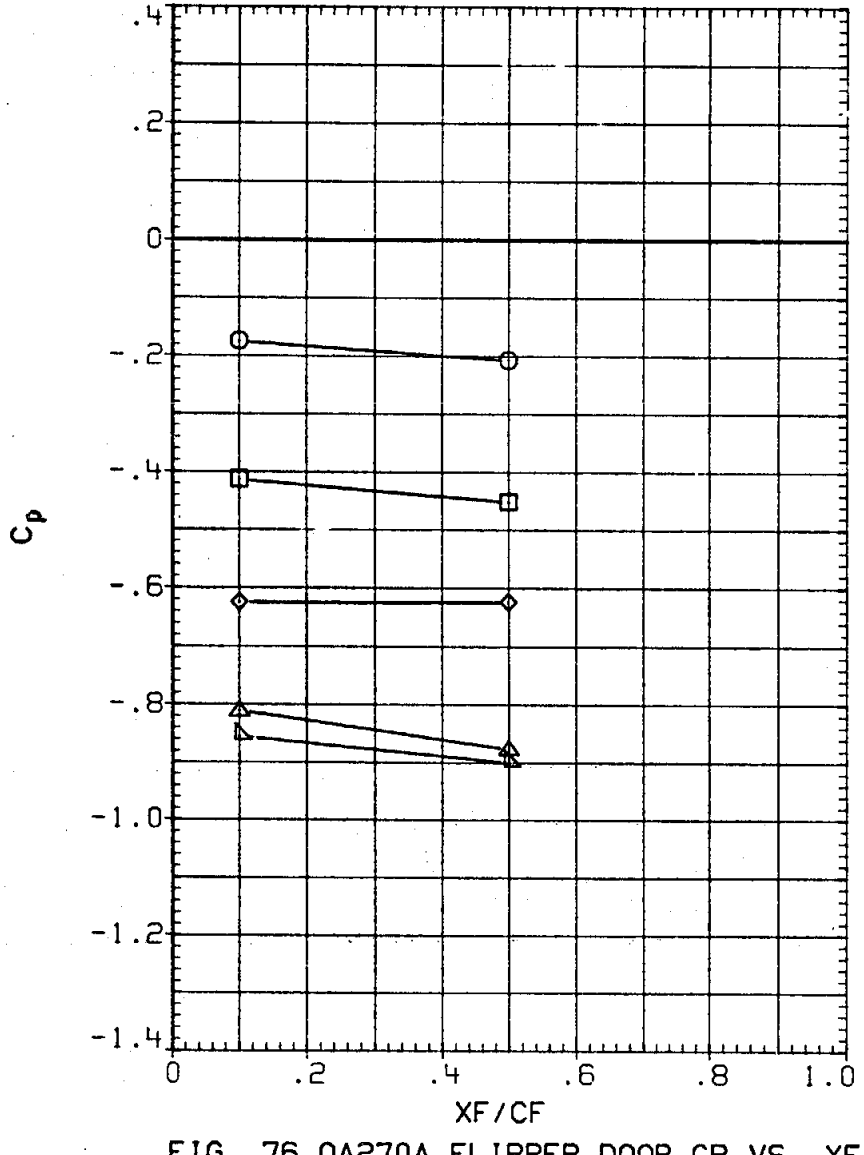
FIG. 76 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNJ33) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ELEVON	2Y/BW	MACH
○	-20.040	.887	1.049
□	-10.009	.960	
◇	.002		
△	10.022		
◺	15.030		

PARAMETRIC VALUES

ALPHA	5.000	BETA	.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



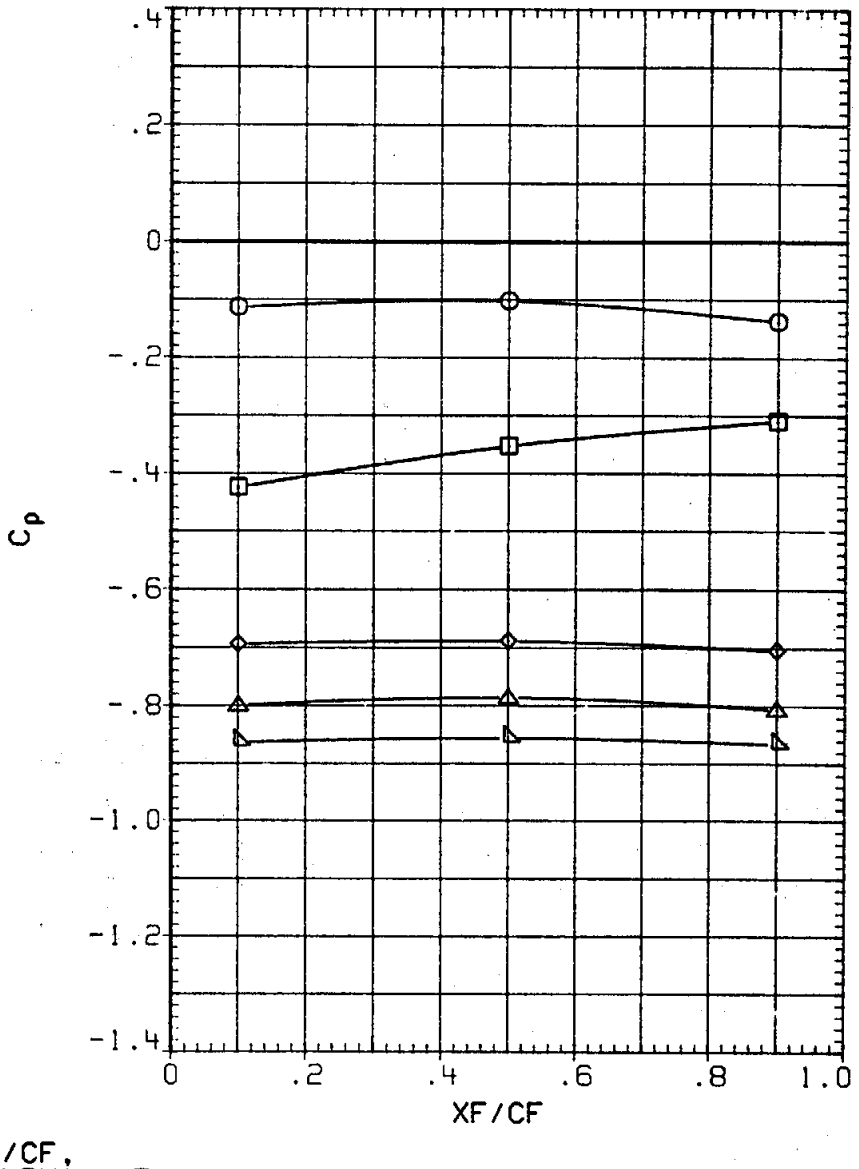


FIG. 76 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ELEVON EFFECT AT ALPHA = 5

(RKNJ11) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.715	.950
□	5.100	.800	
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

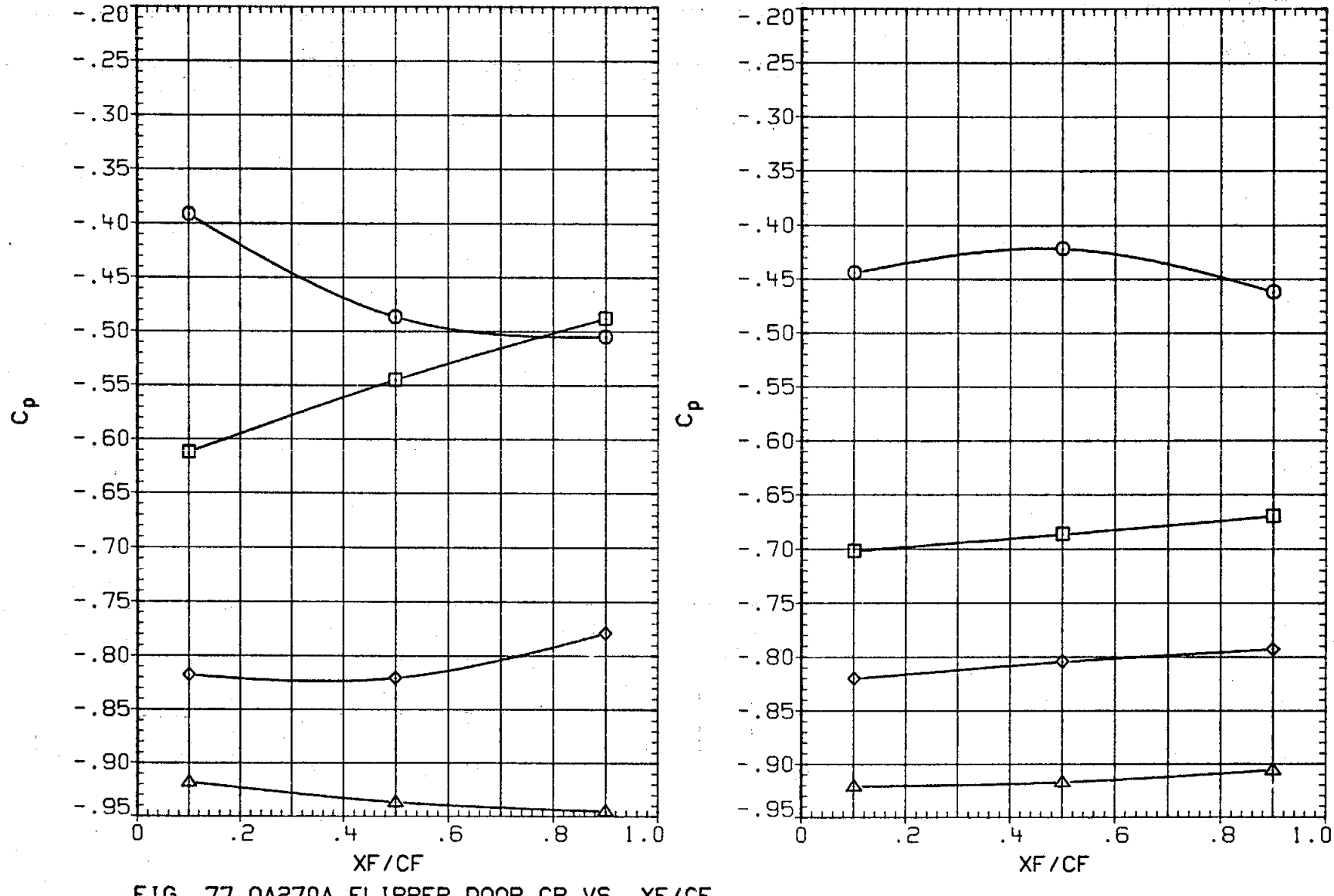


FIG. 77 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNJ11) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.118	.887	.950
□	5.100	.960	
◇	10.126		
△	15.127		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

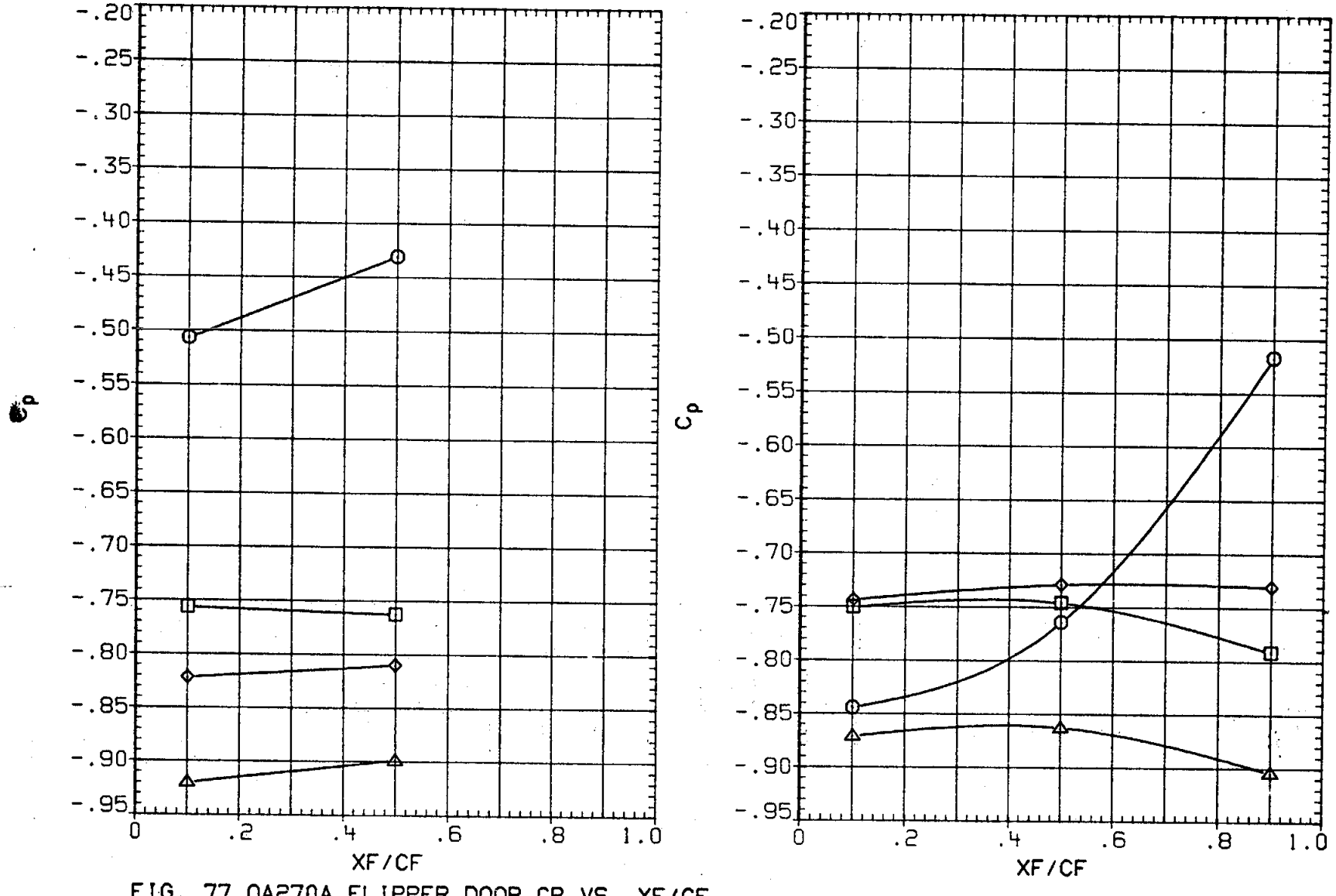


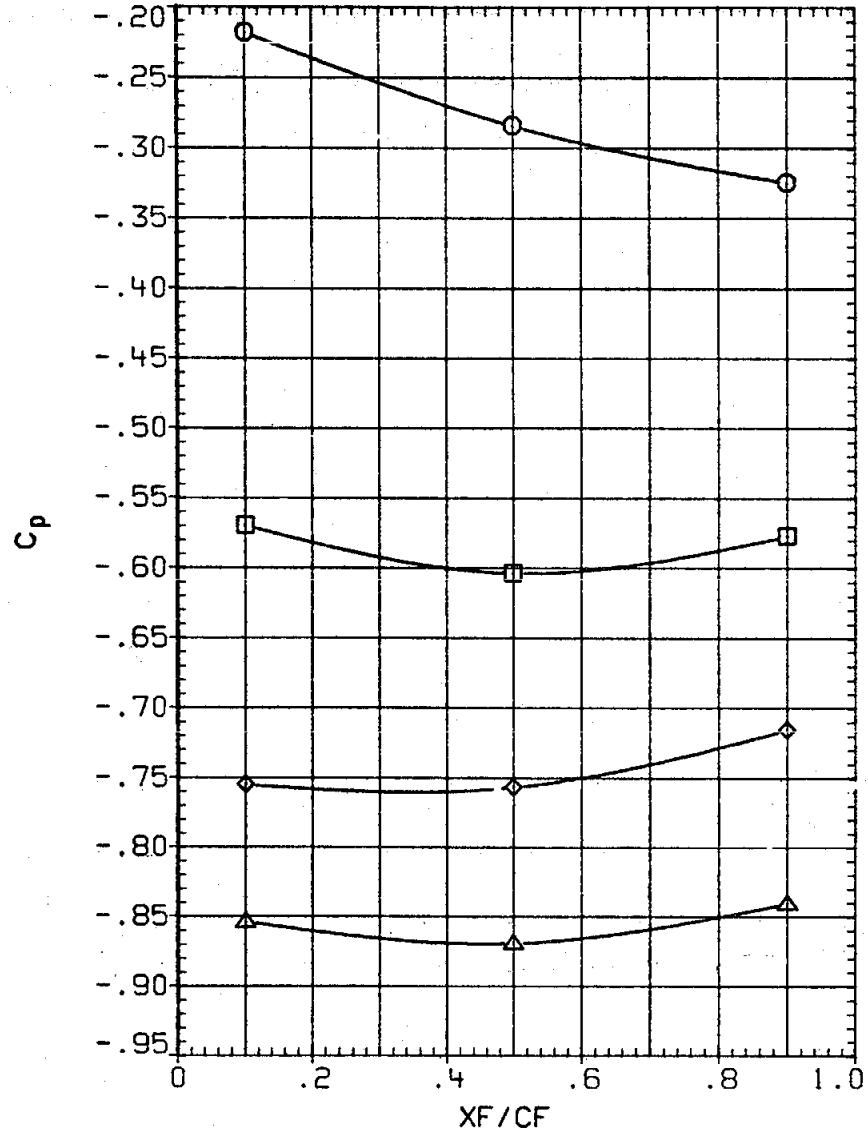
FIG. 77 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNJ11) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.715	1.049
□	5.098	.800	
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



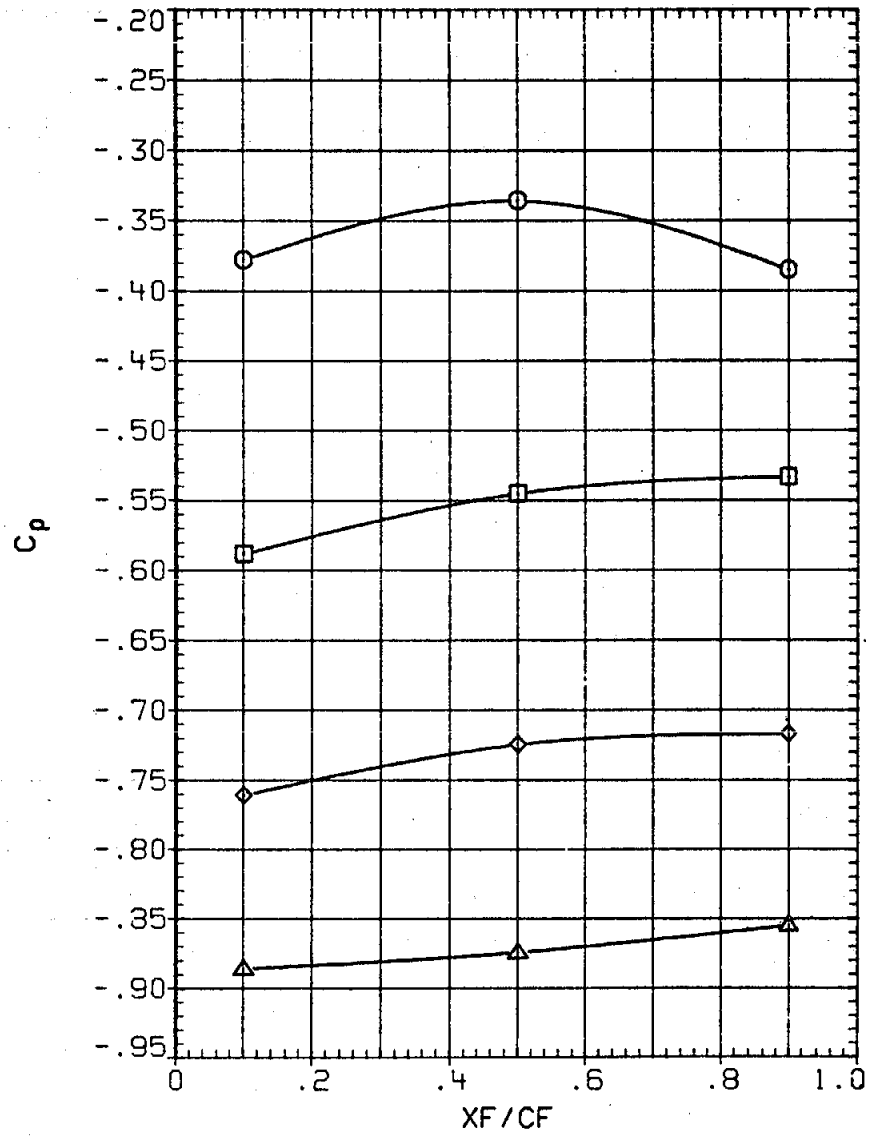


FIG. 77 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNJ11) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.115	.887	1.049
□	5.098	.960	
◇	10.119		
△	15.111		

PARAMETRIC VALUES

BETA	.000	ELEVON	5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

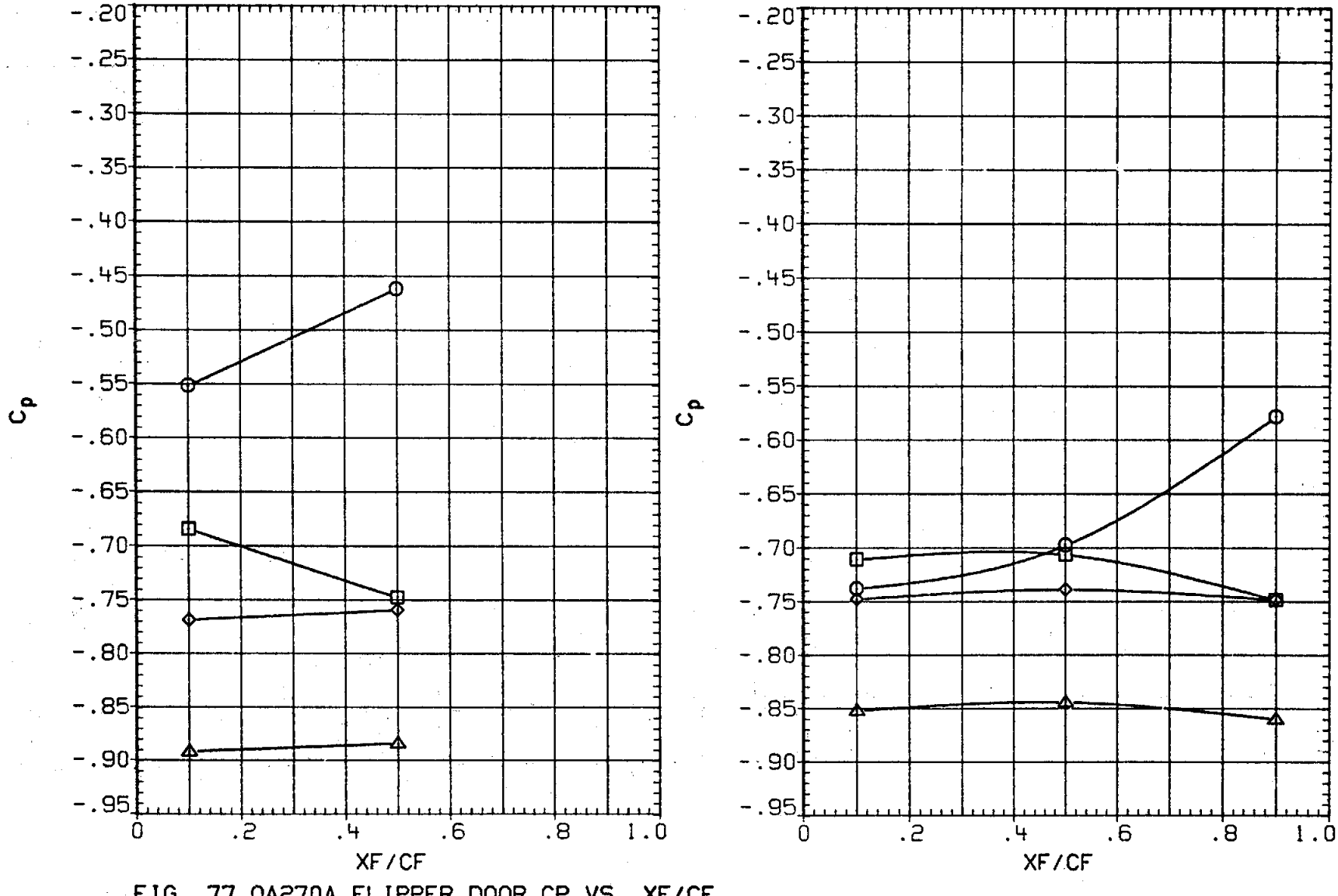


FIG. 77 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = 5

(RKNJ04) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.715	.952
□	5.109	.800	
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

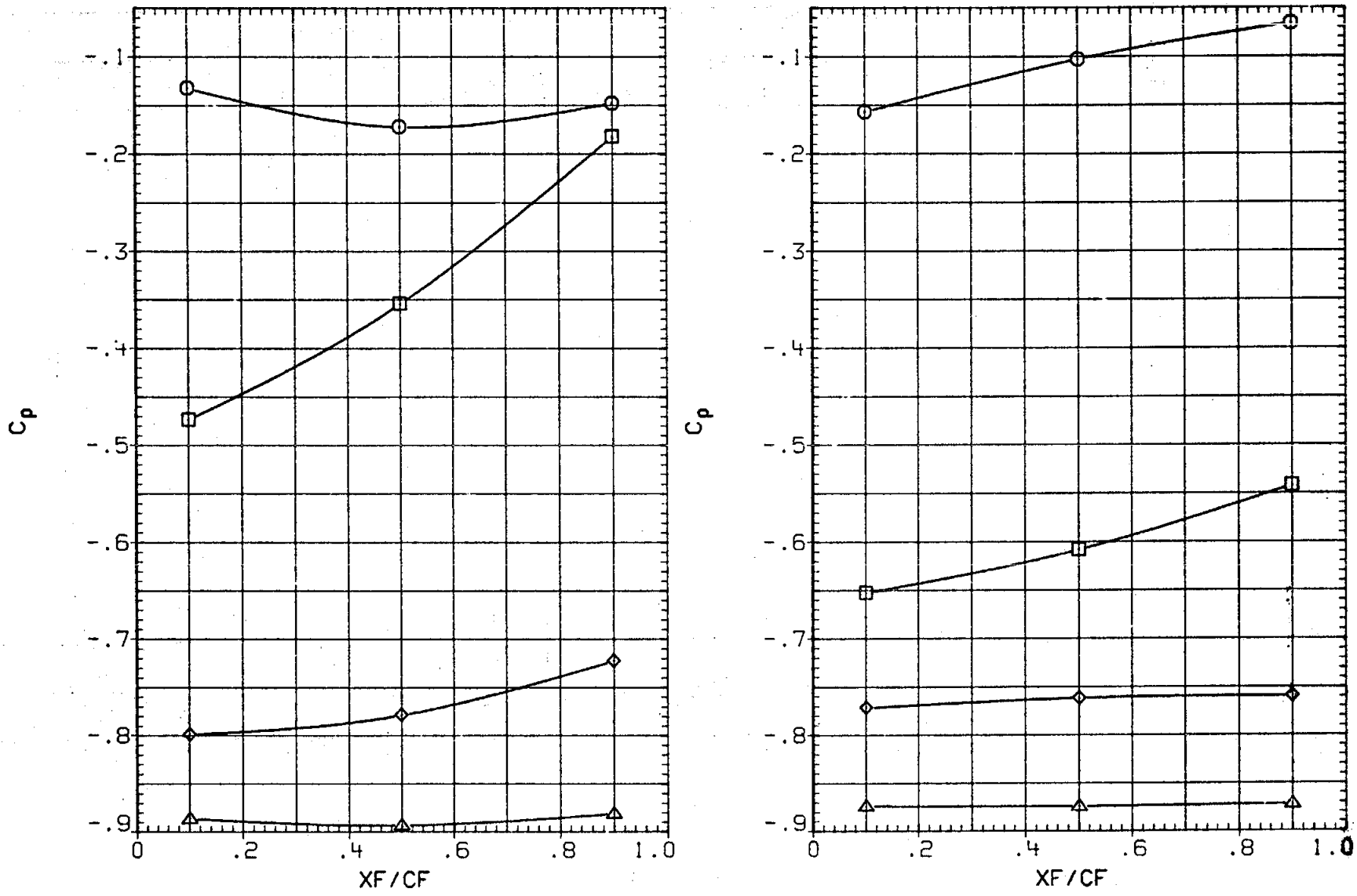


FIG. 78 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNJ04) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.101	.887	.952
□	5.109	.960	
◇	10.127		
△	15.125		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

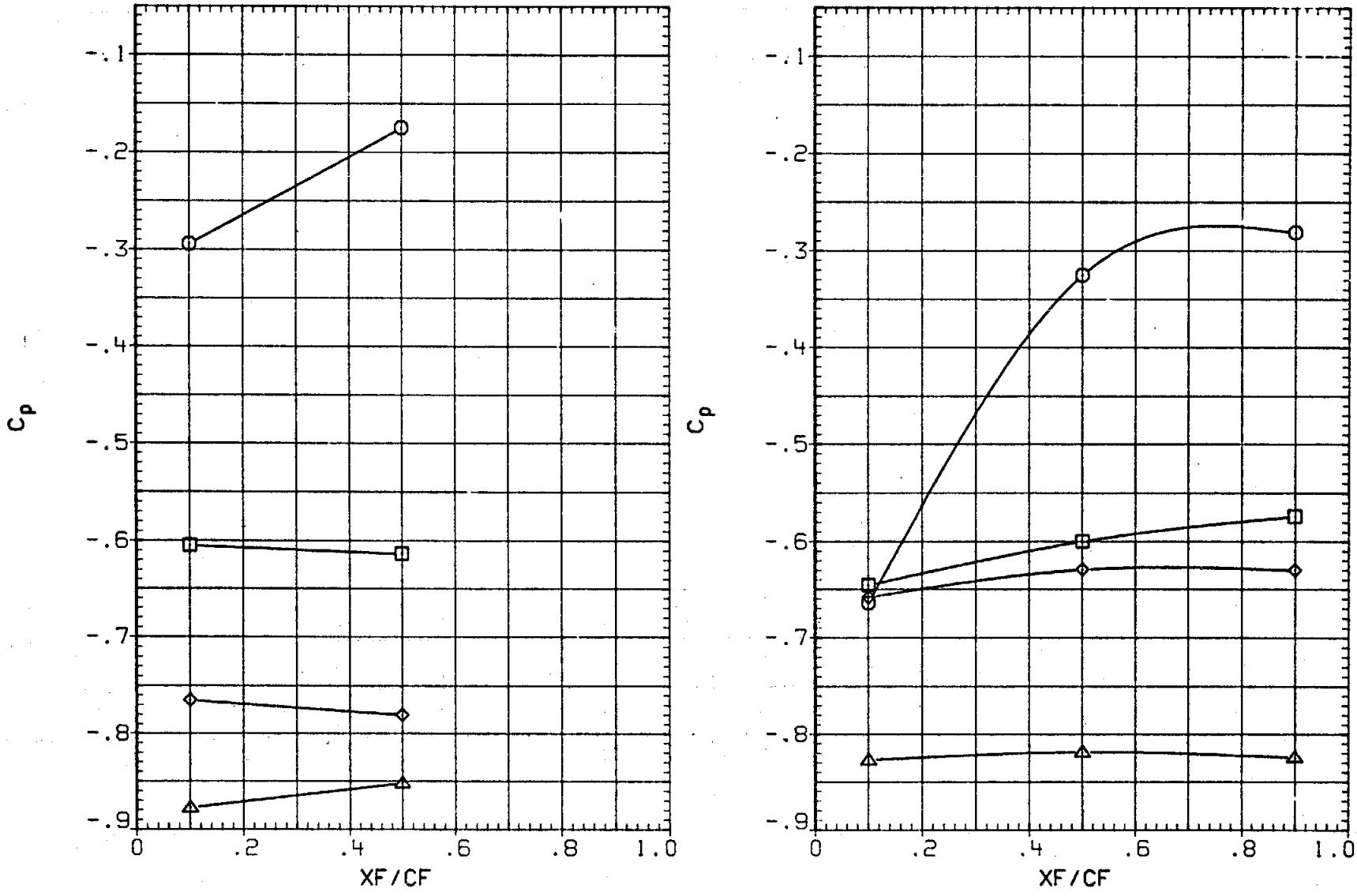


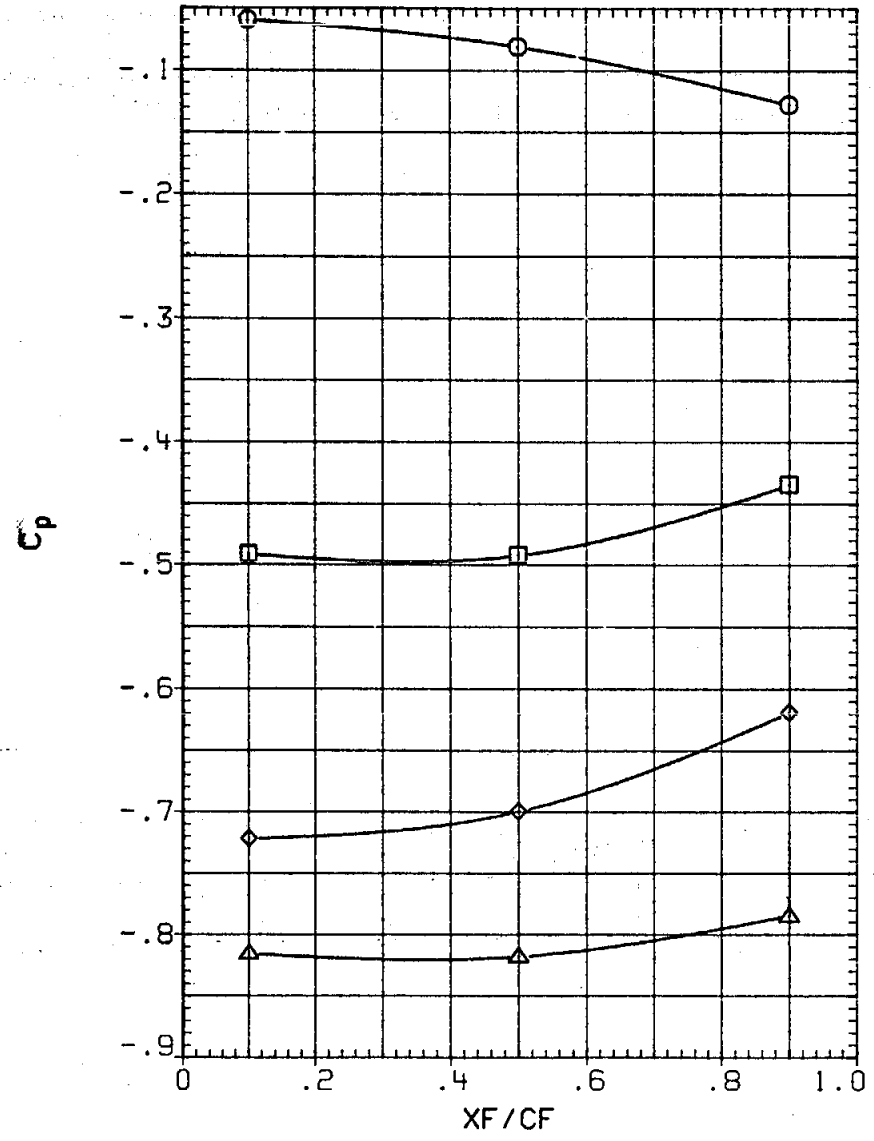
FIG. 78 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNJ04) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.715	1.052
□	5.113	.800	
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		



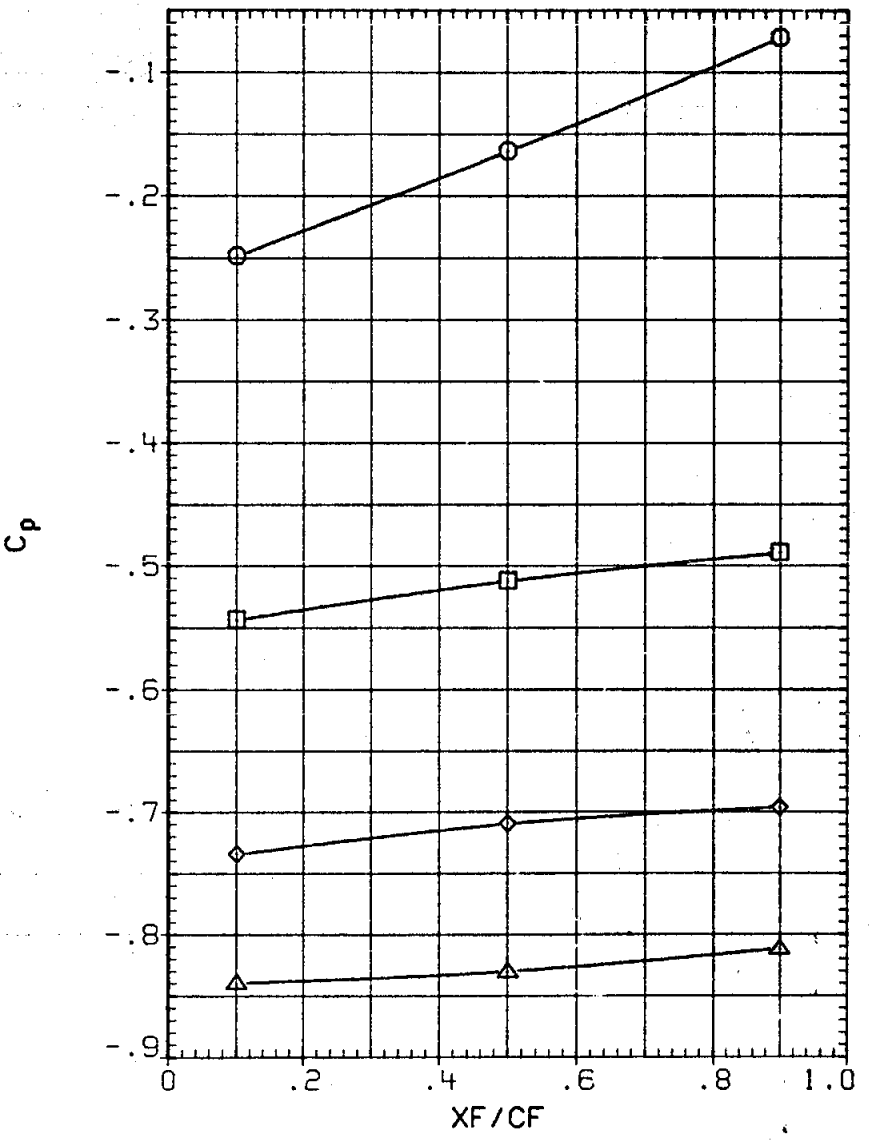


FIG. 78 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

(RKNJ04) LARC 16 TWT 326(0A270A) FLP DR OB UPPER

SYMBOL	ALPHA	2Y/BW	MACH
○	.114	.887	1.052
□	5.113	.960	
◇	10.128		
△	15.130		

PARAMETRIC VALUES

BETA	.000	ELEVON	-5.000
AILRON	.000	BDFLAP	.000
SPDBRK	25.000	RUDDER	.000
PHI	.000		

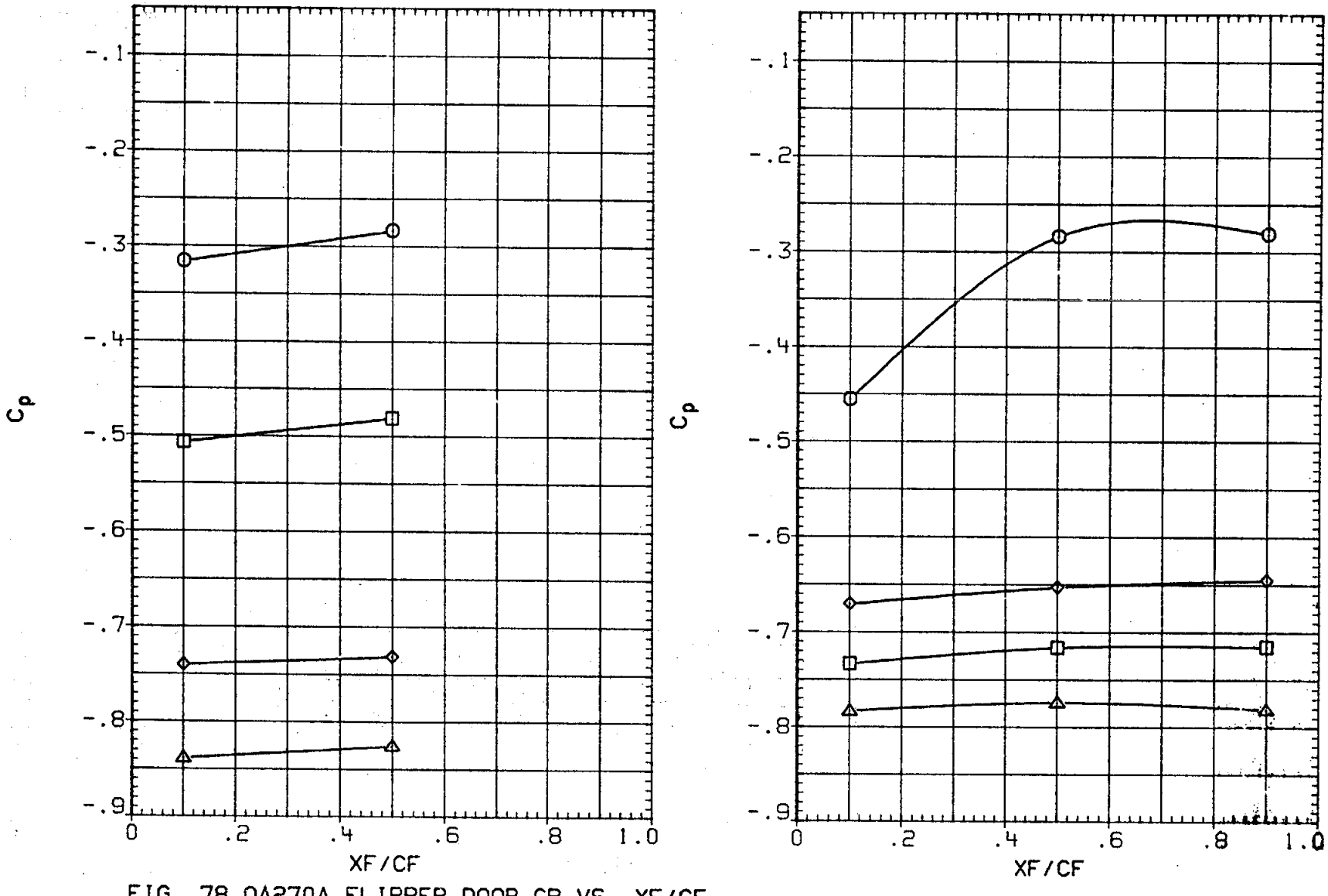


FIG. 78 0A270A FLIPPER DOOR CP VS. XF/CF, OUTBD UPPER SURF, ALPHA EFFECT AT ELEVON = -5

APPENDIX

TABULATED SOURCE DATA

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

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LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 138/ 0 RN/L = 3.07 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.602	-1.135	.00311	-.15931	.05915	.03528	-.15811	.06229	.00157	-.00002	.00016	-2.53806
.604	-.148	.00094	-.11061	.06073	.03442	-.11045	.06102	.00163	-.00007	.00010	-1.81021
.604	.345	-.00013	-.08720	.06124	.03414	-.08757	.06071	.00148	.00001	.00027	-1.44232
.600	.857	-.00110	-.06251	.06129	.03353	-.06342	.06035	.00119	.00010	.00019	-1.05077
.600	1.349	-.00251	-.04003	.06139	.03300	-.04146	.06043	.00180	-.00011	.00009	-.68608
.599	1.862	-.00312	-.01434	.06098	.03288	-.01631	.06048	.00120	-.00003	.00020	-.26975
.601	2.854	-.00576	.03185	.05949	.03193	.02884	.06100	.00174	-.00008	.00027	.47282
	GRADIENT	-.00219	.04787	.00009	-.00084	.04682	-.00031	.00001	-.00001	.00002	.75698

RUN NO. 137/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.802	-1.065	.00194	-.17605	.06543	.04706	-.17480	.06869	.00230	-.00044	.00039	-2.54462
.803	-.058	.00003	-.12317	.06680	.04505	-.12311	.06693	.00205	-.00037	.00059	-1.83939
.804	.440	-.00054	-.09742	.06705	.04405	-.09793	.06630	.00163	-.00030	.00053	-1.47710
.800	.952	-.00170	-.07027	.06712	.04303	-.07137	.06595	.00177	-.00034	.00058	-1.08227
.801	1.425	-.00232	-.04551	.06681	.04190	-.04716	.06566	.00158	-.00040	.00035	-.71822
.801	1.933	-.00311	-.01830	.06648	.04098	-.02053	.06582	.00133	-.00034	.00044	-.31186
.799	2.936	-.00563	.03444	.06513	.03900	.03106	.06680	.00176	-.00041	.00053	.46488
	GRADIENT	-.00183	.05263	-.00010	-.00203	.05147	-.00050	-.00017	.00000	.00000	.75586

RUN NO. 136/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.900	-1.084	.00271	-.17364	.07934	.04758	-.17211	.08261	.00131	-.00028	.00106	-2.08345
.903	-.069	.00089	-.10763	.08137	.04036	-.10753	.08150	.00114	-.00020	.00119	-1.31940
.904	.432	-.00005	-.07791	.08184	.03705	-.07852	.08126	.00125	-.00028	.00098	-.96634
.901	.969	-.00118	-.04695	.08105	.03551	-.04831	.08024	.00141	-.00034	.00093	-.60211
.900	1.451	-.00201	-.01790	.08080	.03315	-.01994	.08032	.00125	-.00027	.00096	-.24827
.900	1.951	-.00295	.00896	.07987	.03144	.00624	.08013	.00130	-.00035	.00078	.07784
.900	2.918	-.00516	.06313	.07854	.02883	.05905	.08165	.00154	-.00039	.00076	.72324
	GRADIENT	-.00195	.05889	-.00034	-.00460	.05749	-.00036	.00006	-.00003	-.00010	.69981

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 135/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.951	-1.081	.00273	-.19461	.10347	.06452	-.19262	.10712	.00155	-.00044	.00069	-1.79817
.949	-.080	.00032	-.12236	.10182	.05405	-.12222	.10199	.00188	-.00050	.00066	-1.19836
.949	.439	-.00109	-.08843	.10172	.04911	-.08921	.10104	.00218	-.00057	.00049	-.88290
.949	.931	-.00190	-.06103	.10240	.04678	-.06269	.10140	.00220	-.00064	.00048	-.61823
.950	1.434	-.00297	-.02843	.10150	.04249	-.03096	.10076	.00216	-.00057	.00063	-.30725
.950	1.934	-.00395	.00354	.10126	.03807	.00012	.10132	.00243	-.00077	.00051	.00115
.948	2.912	-.00627	.06582	.09975	.02933	.06066	.10296	.00237	-.00062	.00050	.58918
	GRADIENT	-.00221	.06448	-.00077	-.00854	.06269	-.00088	.00021	-.00006	-.00004	.59651

RUN NO. 134/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.981	-1.077	.00136	-.19620	.11746	.07107	-.19393	.12113	.00255	-.00062	.00047	-1.60123
.980	-.049	-.00005	-.12376	.11623	.06052	-.12366	.11634	.00223	-.00063	.00047	-1.06294
.979	.416	-.00039	-.09390	.11483	.05638	-.09473	.11415	.00180	-.00055	.00061	-.82991
.979	.966	-.00208	-.05934	.11402	.05210	-.06126	.11300	.00224	-.00063	.00061	-.54207
.982	1.431	-.00352	-.03027	.11553	.04845	-.03315	.11474	.00268	-.00074	.00056	-.28890
.981	1.951	-.00370	.00320	.11457	.04331	-.00070	.11461	.00219	-.00075	.00041	-.00611
.980	2.948	-.00629	.06587	.11303	.03385	.05997	.11626	.00248	-.00075	.00043	.51584
	GRADIENT	-.00194	.06469	-.00097	-.00906	.06267	-.00106	.00002	-.00005	-.00002	.52678

RUN NO. 133/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	-1.063	.00137	-.19269	.14216	.08172	-.19002	.14571	.00235	-.00054	.00025	-1.30408
1.050	-.068	-.00058	-.11854	.14269	.06801	-.11837	.14283	.00228	-.00053	.00028	-.82874
1.052	.452	-.00144	-.08171	.14342	.05997	-.08284	.14277	.00221	-.00055	.00020	-.58021
1.050	.950	-.00132	-.04798	.14359	.05291	-.05036	.14277	.00153	-.00049	.00021	-.35272
1.050	1.455	-.00287	-.01211	.14397	.04468	-.01576	.14361	.00165	-.00037	.00047	-.10977
1.050	1.932	-.00352	.02067	.14388	.03775	.01581	.14449	.00158	-.00042	.00042	.10943
1.048	2.948	-.00568	.08737	.14406	.02385	.07984	.14836	.00181	-.00053	.00044	.53817
	GRADIENT	-.00169	.06976	.00050	-.01460	.06723	.00070	-.00020	.00002	.00006	.46163

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	180.000		

RUN NO. 132/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.101	-1.059	.00218	-.17138	.14336	.06977	-.16870	.14651	.00173	-.00043	.00036	-1.15147
1.101	-.077	.00005	-.10549	.14399	.05904	-.10529	.14413	.00192	-.00051	.00040	-.73056
1.100	.454	-.00086	-.07029	.14464	.05230	-.07143	.14408	.00173	-.00044	.00039	-.49576
1.101	.941	-.00192	-.03854	.14524	.04521	-.04092	.14459	.00192	-.00056	.00016	-.28301
1.100	1.437	-.00227	-.00578	.14576	.03908	-.00943	.14557	.00161	-.00053	.00044	-.06480
1.100	1.955	-.00394	.02890	.14613	.03159	.02390	.14703	.00188	-.00051	.00041	.16252
1.099	2.939	-.00597	.09101	.14703	.01939	.08335	.15151	.00183	-.00054	.00020	.55014
	GRADIENT	-.00200	.06573	.00095	-.01282	.06315	.00130	.00001	-.00003	-.00003	.42893

RUN NO. 131/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.202	-1.075	.00516	-.15896	.13122	.06665	-.15643	.13418	.00018	-.00033	.00029	-1.16617
1.202	-.052	.00345	-.09323	.13202	.05159	-.09311	.13211	-.00004	-.00030	.00035	-.70479
1.203	.433	.00225	-.06190	.13236	.04440	-.06290	.13188	.00015	-.00035	.00035	-.47691
1.202	.951	.00060	-.03200	.13247	.03782	-.03120	.13192	.00048	-.00040	.00025	-.25921
1.201	1.442	.00031	-.00284	.13261	.03152	-.00618	.13249	.00003	-.00031	.00034	-.04661
1.200	1.936	-.00038	.02459	.13253	.02585	.02010	.13329	-.00016	-.00029	.00033	.15078
1.199	2.928	-.00314	.08205	.13237	.01395	.07518	.13639	.00031	-.00036	.00036	.55120
	GRADIENT	-.00204	.05996	.00028	-.01311	.05763	.00056	.00001	-.00000	.00001	.42922

RUN NO. 130/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.250	-1.068	.00493	-.14071	.14209	.05716	-.13803	.14468	.00014	-.00021	.00011	-.95404
1.252	-.048	.00298	-.07977	.14343	.04330	-.07965	.14350	.00007	-.00023	.00006	-.55509
1.253	.437	.00244	-.05288	.14383	.03765	-.05397	.14343	-.00014	-.00024	.00011	-.37631
1.253	.932	.00110	-.02644	.14402	.03205	-.02878	.14357	.00008	-.00028	.00021	-.20048
1.253	1.445	-.00070	.00345	.14420	.02558	-.00018	.14424	.00017	-.00012	.00030	-.00126
1.252	1.946	-.00181	.03125	.14363	.02038	.02635	.14461	.00048	-.00031	.00021	.18223
1.252	2.962	-.00350	.08618	.14270	.00945	.07869	.14696	.00015	-.00025	.00014	.53544
	GRADIENT	-.00220	.05616	.00015	-.01178	.05364	.00058	.00006	-.00001	.00003	.36974

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN002) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 73/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.952	.111	.00523	-.11173	.10662	.09707	-.11194	.10640	-.00325	.00094	.00021	-1.05203
.952	2.612	.00000	.05547	.10354	.07006	.05069	.10596	-.00348	.00110	.00028	.47841
.951	5.123	-.00670	.21418	.10074	.05056	.20433	.11947	-.00247	.00065	-.00043	1.71037
.951	8.132	-.01386	.39140	.09487	.02918	.37405	.14928	-.00218	.00070	-.00028	2.50565
.950	10.114	-.02230	.51570	.09076	.01137	.49175	.17991	-.00073	.00019	-.00128	2.73331
.950	12.125	-.02156	.62026	.09055	.00527	.58740	.21881	-.00313	.00086	-.00033	2.68453
.952	15.131	-.05047	.76659	.09473	-.00437	.71528	.29154	.00150	.00443	-.00102	2.45342
	GRADIENT	-.00209	.06685	-.00123	-.01080	.06503	-.00018	-.00009	.00006	.00003	.61193

RUN NO. 67/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.053	.101	.00487	-.08525	.14946	.08816	-.08552	.14931	-.00268	.00080	-.00004	-.57272
1.051	2.630	.00037	.08882	.15044	.05130	.08182	.15435	-.00308	.00079	.00001	.53011
1.051	5.108	-.00624	.24899	.14897	.02368	.23474	.17055	-.00231	.00062	-.00019	1.37637
1.051	8.104	-.01265	.42548	.14410	-.00032	.40092	.20265	-.00269	.00071	-.00031	1.97843
1.051	10.130	-.01748	.53737	.14018	-.01041	.50434	.23251	-.00246	.00055	-.00044	2.16914
1.049	12.117	-.02542	.64883	.13643	-.02009	.60573	.26959	-.00125	.00001	-.00118	2.24686
1.052	15.103	-.02508	.78762	.13299	-.02513	.72576	.33361	-.00388	.00081	-.00009	2.17547
	GRADIENT	-.00178	.06883	.00039	-.01457	.06617	.00199	-.00016	-.00000	.00002	.43607

RUN NO. 54/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.271	.098	.00274	-.04517	.15031	.05253	-.04543	.15023	-.00053	.00015	.00001	-.30238
1.273	2.611	-.00305	.09785	.14838	.02348	.09099	.15268	-.00043	.00020	.00003	.59594
1.269	5.105	-.00882	.23981	.14467	-.00096	.22598	.16544	-.00007	.00012	.00010	1.36595
1.269	8.096	-.01367	.39784	.13914	-.02299	.37427	.19380	-.00082	.00023	.00015	1.93120
1.269	10.100	-.01796	.50906	.13537	-.03606	.47743	.22255	-.00087	.00014	-.00001	2.14527
1.265	12.132	-.02170	.61671	.13259	-.04537	.57507	.25924	-.00115	.00024	.00007	2.21832
1.255	15.118	-.03027	.75631	.12993	-.04973	.69625	.32269	-.00107	.00026	-.00035	2.15766
	GRADIENT	-.00230	.05691	-.00077	-.01156	.05429	.00097	.00004	.00002	.00001	.35747

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN003) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 93/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.950	.162	.00391	-.10600	.10525	.09418	-.10630	.10495	-.00159	.00032	-.00015	-1.01286
.951	2.683	-.00018	.06365	.10366	.06750	.05873	.10653	-.00266	.00049	-.00027	.55126
.951	5.167	-.00836	.22157	.09987	.04718	.21168	.11942	-.00120	.00004	-.00119	1.77254
.952	8.162	-.01780	.39771	.09497	.02506	.38020	.15048	.00003	-.00008	-.00118	2.52664
.949	10.177	-.02466	.51978	.09029	.00898	.49565	.18071	.00082	-.00041	-.00167	2.74281
.950	12.171	-.02130	.62255	.09049	.00431	.58948	.21971	-.00309	.00081	-.00024	2.68302
.951	15.174	-.04924	.75724	.09378	-.00318	.70629	.28872	.00111	.00397	-.00118	2.44627
	GRADIENT	-.00162	.06729	-.00063	-.01058	.06546	.00063	-.00042	.00007	-.00005	.62044

RUN NO. 86/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.052	.143	.00423	-.08549	.14871	.08760	-.08583	.14849	-.00177	.00042	-.00044	-.57820
1.051	2.639	-.00137	.08609	.15010	.05188	.07909	.15390	-.00179	.00039	-.00051	.51388
1.052	5.150	-.00655	.24949	.14880	.02315	.23513	.17059	-.00227	.00057	-.00039	1.37828
1.053	8.148	-.01397	.42496	.14349	-.00074	.40034	.20227	-.00216	.00038	-.00081	1.97918
1.048	10.143	-.02148	.54061	.13862	-.01213	.50775	.23166	-.00099	-.00008	-.00142	2.19174
1.052	12.138	-.02507	.64031	.13712	-.02010	.59716	.26869	-.00119	.00003	-.00101	2.22251
1.050	15.163	-.02647	.79020	.13176	-.02485	.72822	.33386	-.00302	.00050	-.00020	2.18123
	GRADIENT	-.00224	.06874	.00056	-.01431	.06609	.00217	-.00001	-.00001	-.00003	.43753

RUN NO. 50/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.274	.139	.00259	-.04162	.15001	.05263	-.04198	.14991	-.00111	.00053	.00019	-.28003
1.270	2.619	-.00269	.10469	.14838	.02228	.09780	.15301	-.00092	.00044	.00019	.63918
1.270	5.136	-.00756	.24691	.14463	-.00241	.23297	.16615	-.00108	.00041	.00014	1.40216
	GRADIENT	-.00213	.05900	-.00066	-.01224	.05636	.00125	.00008	-.00004	-.00000	.37065

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN004) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 106/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.952	.101	.00492	-.11161	.10584	.09574	-.11180	.10564	-.00240	.00053	.00008	-1.05831
.952	2.631	-.00092	.05684	.10323	.06880	.05204	.10573	-.00239	.00068	.00007	.49224
.951	5.109	-.00456	.21593	.10009	.04817	.20616	.11892	-.00346	.00091	.00027	1.73357
.953	8.124	-.01453	.39501	.09557	.02521	.37754	.15042	-.00163	.00049	-.00040	2.50982
.951	10.127	-.01846	.51378	.09076	.01069	.48982	.17968	-.00206	.00055	-.00041	2.72603
.951	12.122	-.02326	.61970	.09011	.00262	.58695	.21823	-.00230	.00056	-.00063	2.68956
.951	15.125	-.05076	.75633	.09376	-.00379	.70567	.28786	.00174	.00423	-.00111	2.45143
	GRADIENT	-.00231	.06658	-.00103	-.01065	.06476	.00004	.00000	.00006	-.00000	.61287

RUN NO. 101/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.052	.114	.00575	-.08488	.15031	.08728	-.08513	.15014	-.00262	.00050	-.00026	-.56734
1.051	2.614	-.00024	.08723	.15108	.05055	.08025	.15490	-.00232	.00043	-.00034	.51810
1.050	5.113	-.00638	.24877	.14940	.02244	.23446	.17097	-.00216	.00051	-.00031	1.37134
1.054	8.127	-.01355	.42648	.14530	-.00250	.40166	.20412	-.00216	.00045	-.00057	1.96771
1.051	10.128	-.02052	.53575	.14139	-.00955	.50254	.23340	-.00079	-.00042	-.00134	2.15318
1.050	12.121	-.02338	.63871	.13731	-.02012	.59563	.26837	-.00168	.00018	-.00070	2.21948
1.052	15.130	-.02614	.79155	.13411	-.02663	.72911	.33607	-.00327	.00051	-.00025	2.16950
	GRADIENT	-.00240	.06884	.00031	-.01469	.06617	.00190	.00012	-.00003	-.00003	.43418

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 75/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.902	.098	.00555	-.02751	.08134	.02940	-.02765	.08129	-.00359	.00100	.00074	-.34006
.903	2.601	.00166	.12021	.07939	.01968	.11649	.08477	-.00432	.00100	.00020	1.37422
.901	5.113	-.00436	.24258	.07757	.02313	.23470	.09887	-.00327	.00061	.00025	2.37373
.900	8.119	-.01285	.39396	.07502	.01511	.37942	.12991	-.00257	.00048	-.00036	2.92058
.902	10.127	-.01760	.50122	.07500	.00768	.48023	.16196	-.00203	.00034	-.00023	2.96506
.900	12.111	-.02330	.60644	.07559	.00090	.57709	.20114	-.00227	.00071	-.00044	2.86902
.902	15.113	-.02394	.74200	.08056	-.00798	.69533	.27123	-.00410	.00112	.00057	2.56366
	GRADIENT	-.00155	.05902	-.00078	-.00388	.05759	.00139	-.00029	.00000	-.00022	.68489

RUN NO. 71/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.952	.105	.00632	-.04262	.10381	.04520	-.04281	.10373	-.00353	.00078	-.00013	-.41275
.952	2.622	.00009	.12844	.10171	.01645	.12365	.10748	-.00321	.00081	-.00024	1.15041
.952	5.116	-.00492	.28890	.09778	-.00511	.27903	.12316	-.00310	.00071	.00006	2.26567
.951	8.112	-.01585	.46031	.09073	-.02180	.44291	.15478	-.00062	.00021	-.00055	2.86153
.950	10.130	-.02292	.57272	.08825	-.03199	.54828	.18760	.00069	-.00039	-.00117	2.92252
.954	12.125	-.02389	.68326	.09035	-.04164	.64904	.23186	-.00165	.00024	-.00075	2.79933
.950	15.141	-.04760	.81056	.09306	-.03831	.75811	.30155	.00018	.00471	-.00074	2.51405
	GRADIENT	-.00248	.06796	-.00083	-.01142	.06613	.00149	.00013	.00001	-.00004	.62104

RUN NO. 72/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.979	.107	.00660	-.03576	.11515	.04380	-.03598	.11508	-.00354	.00073	.00015	-.31263
.981	2.620	.00028	.12863	.11461	.01982	.12326	.12037	-.00294	.00070	.00010	1.02399
.982	5.111	-.00609	.28989	.11141	-.00306	.27881	.13679	-.00236	.00062	-.00005	2.03824
.981	8.125	-.01287	.46693	.10663	-.02480	.44717	.17155	-.00246	.00050	-.00042	2.60660
.979	10.116	-.01821	.58119	.10370	-.03702	.55394	.20417	-.00164	.00017	-.00051	2.71320
.979	12.098	-.02474	.68955	.10323	-.04537	.65260	.24546	-.00014	-.00063	-.00095	2.65874
.980	15.140	-.02493	.82766	.10749	-.04451	.77085	.31992	-.00376	.00067	-.00001	2.40949
	GRADIENT	-.00251	.06542	-.00021	-.00954	.06337	.00211	.00024	-.00001	-.00002	.53188

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 68/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.050	.096	.00653	-.02486	.14386	.04459	-.02510	.14382	-.00328	.00070	.00001	-.17452
1.049	2.615	-.00086	.15126	.14609	.00847	.14443	.15285	-.00210	.00055	-.00011	.94497
1.050	5.134	-.00604	.30421	.14644	-.01547	.28989	.17307	-.00247	.00063	-.00026	1.67499
1.052	8.108	-.01193	.47689	.14297	-.03777	.45196	.20880	-.00305	.00068	-.00039	2.16456
1.052	10.114	-.01732	.58544	.13805	-.04577	.55210	.23871	-.00231	.00043	-.00043	2.31286
1.051	12.116	-.02407	.68402	.13473	-.05363	.64050	.27530	-.00177	.00028	-.00087	2.32660
1.051	15.106	-.02609	.84151	.13245	-.05832	.77792	.34717	-.00296	.00062	-.00005	2.24073
	GRADIENT	-.00293	.06992	.00089	-.01434	.06730	.00358	.00047	-.00006	-.00005	.44442

RUN NO. 66/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.102	.113	.00548	-.02828	.14683	.04131	-.02857	.14677	-.00280	.00073	-.00013	-.19465
1.103	2.621	-.00038	.13891	.14880	.00922	.13196	.15500	-.00250	.00061	-.00039	.85138
1.101	5.125	-.00612	.29158	.14667	-.01594	.27731	.17213	-.00253	.00063	-.00044	1.61104
1.101	8.085	-.01290	.45861	.13988	-.03819	.43438	.20299	-.00269	.00066	-.00055	2.13989
1.100	10.096	-.01683	.56585	.13486	-.04633	.53344	.23197	-.00297	.00058	-.00060	2.29967
1.099	12.117	-.02477	.66835	.13135	-.05384	.62589	.26872	-.00174	.00017	-.00113	2.32918
1.099	15.100	-.02438	.79843	.12868	-.05522	.73734	.33223	-.00409	.00088	-.00002	2.21936
	GRADIENT	-.00234	.06666	.00079	-.01280	.06401	.00328	.00012	-.00005	-.00010	.41708

RUN NO. 65/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.202	.120	.00350	-.01593	.13090	.03183	-.01620	.13087	-.00134	.00043	-.00010	-.12378
1.201	2.616	-.00274	.12739	.13028	.00392	.12131	.13596	-.00078	.00029	-.00018	.89227
1.200	5.105	-.00753	.27783	.13021	-.02202	.26514	.15441	-.00111	.00038	-.00001	1.71709
1.201	8.107	-.01475	.44404	.12674	-.04489	.42173	.18809	-.00147	.00046	-.00050	2.24223
1.200	10.101	-.01799	.54697	.12282	-.05139	.51695	.21684	-.00168	.00043	-.00027	2.38400
1.201	12.096	-.02240	.65138	.12038	-.05868	.61169	.25421	-.00164	.00039	-.00029	2.40623
1.201	15.121	-.03578	.78770	.11652	-.06369	.73004	.31796	.00130	-.00073	-.00110	2.29602
	GRADIENT	-.00250	.05742	-.00025	-.01118	.05509	.00204	.00022	-.00006	-.00003	.40707

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 56/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.271	.117	.00308	-.00248	.14748	.02195	-.00279	.14748	-.00056	.00008	-.00003	-.01889
1.272	2.598	-.00305	.13797	.14619	-.00503	.13120	.15230	-.00016	.00003	-.00005	.86145
1.271	5.106	-.00802	.27688	.14418	-.02924	.26295	.16825	-.00038	.00002	-.00009	1.56286
1.268	8.094	-.01311	.43860	.14041	-.05228	.41446	.20076	-.00132	.00017	-.00015	2.06443
1.270	10.097	-.01805	.54543	.13696	-.06337	.51297	.23046	-.00091	.00015	-.00007	2.22588
1.266	12.089	-.02139	.64882	.13463	-.07145	.60624	.26753	-.00119	.00026	.00010	2.26607
1.258	15.112	-.02704	.79551	.13083	-.07703	.73390	.33370	-.00172	.00034	.00005	2.19927
	GRADIENT	-.00247	.05661	-.00052	-.01087	.05401	.00194	.00016	-.00002	-.00001	.35483

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 97/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.902	.136	.00590	-.02055	.08137	.02684	-.02075	.08132	-.00342	.00076	.00056	-.25512
.902	2.652	.00081	.12330	.07787	.01901	.11957	.08349	-.00318	.00049	-.00005	1.43209
.902	5.154	-.00633	.25091	.07763	.01943	.24292	.09985	-.00248	.00035	-.00070	2.43272
.902	8.149	-.01387	.39922	.07532	.01148	.38451	.13115	-.00160	.00011	-.00049	2.93184
.899	10.167	-.01624	.50543	.07367	.00688	.48449	.16174	-.00261	.00037	-.00005	2.99555
.901	12.177	-.02060	.61186	.07603	-.00205	.58205	.20239	-.00356	.00084	-.00017	2.86178
.900	15.170	-.02386	.73588	.07855	-.00764	.68969	.26837	-.00430	.00102	.00046	2.56988
	GRADIENT	-.00202	.05717	-.00139	-.00311	.05577	.00086	.00010	-.00011	-.00024	.67059

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 94/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.951	.145	.00528	-.03121	.10339	.03725	-.03147	.10331	-.00256	.00050	-.00012	-.30459
.952	2.642	.00037	.13156	.10131	.01459	.12675	.10727	-.00281	.00046	-.00022	1.18158
.950	5.150	-.00631	.29159	.09690	-.00608	.28172	.12269	-.00253	.00055	-.00047	2.29627
.949	8.156	-.02011	.46517	.09016	-.02344	.44767	.15524	.00138	-.00065	-.00186	2.88368
.948	10.158	-.02424	.57331	.08733	-.03261	.54892	.18708	.00090	-.00057	-.00166	2.93418
.951	12.151	-.02229	.67744	.08862	-.03849	.64361	.22922	-.00237	.00039	-.00052	2.80778
.951	15.190	-.04800	.81032	.09323	-.03929	.75758	.30229	.00033	.00434	-.00098	2.50617
	GRADIENT	-.00197	.06519	-.00083	-.00907	.06336	.00159	-.00010	-.00002	-.00004	.59518

RUN NO. 92/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.980	.131	.00586	-.03354	.11623	.04279	-.03383	.11615	-.00259	.00038	-.00025	-.29102
.981	2.672	.00107	.13184	.11421	.01828	.12637	.12024	-.00309	.00044	-.00019	1.05102
.980	5.164	-.00507	.29206	.11011	-.00448	.28097	.13595	-.00302	.00058	-.00025	2.06667
.978	8.167	-.01474	.47036	.10476	-.02673	.45071	.17051	-.00158	.00006	-.00104	2.64325
.982	10.160	-.01908	.58407	.10525	-.03894	.55635	.20662	-.00161	-.00004	-.00097	2.69258
.982	12.185	-.02419	.68415	.10414	-.04533	.64676	.24620	-.00048	-.00060	-.00089	2.62697
.980	15.176	-.02394	.82528	.10691	-.04471	.76851	.31922	-.00411	.00067	.00008	2.40744
	GRADIENT	-.00189	.06508	-.00079	-.00965	.06303	.00161	-.00020	.00002	.00002	.52815

RUN NO. 87/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.051	.138	.00531	-.02293	.14380	.04309	-.02327	.14374	-.00244	.00052	-.00018	-.16191
1.050	2.653	.00003	.15212	.14651	.00761	.14517	.15339	-.00245	.00042	-.00039	.94640
1.053	5.149	-.00700	.30487	.14768	-.01660	.29038	.17445	-.00227	.00060	-.00065	1.66455
1.049	8.153	-.01398	.47905	.14150	-.03859	.45414	.20801	-.00233	.00055	-.00075	2.18328
1.051	10.146	-.01896	.58924	.13761	-.04778	.55578	.23925	-.00241	.00035	-.00111	2.32298
1.049	12.149	-.02489	.68647	.13335	-.05427	.64303	.27484	-.00129	.00009	-.00097	2.33966
1.050	15.163	-.02518	.83597	.13078	-.05777	.77266	.34489	-.00336	.00059	-.00002	2.24030
	GRADIENT	-.00210	.06960	.00108	-.01411	.06697	.00384	-.00000	-.00004	-.00008	.44068

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 85/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.102	.139	.00503	-.02449	.14728	.03998	-.02485	.14722	-.00205	.00039	-.00056	-.16877
1.102	2.635	-.00060	.14019	.14844	.00738	.13322	.15473	-.00223	.00047	-.00052	.86100
1.103	5.147	-.00606	.28792	.14659	-.01574	.27361	.17183	-.00274	.00063	-.00066	1.59234
1.099	8.146	-.01377	.45971	.13982	-.03906	.43526	.20355	-.00227	.00053	-.00065	2.13838
1.102	10.148	-.01918	.56661	.13460	-.04776	.53403	.23233	-.00260	.00038	-.00127	2.29856
1.101	12.149	-.02487	.66111	.13059	-.05335	.61882	.26680	-.00162	.00015	-.00108	2.31945
1.101	15.151	-.02593	.79694	.12754	-.05455	.73591	.33140	-.00311	.00046	-.00019	2.22059
	GRADIENT	-.00226	.06598	.00046	-.01306	.06333	.00301	-.00007	.00003	.00002	.41257

RUN NO. 90/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.203	.128	.00530	-.00631	.13262	.02821	-.00661	.13261	-.00227	.00050	-.00022	-.04985
1.197	2.657	-.00054	.14795	.13190	-.00161	.14168	.13861	-.00214	.00050	-.00018	1.02211
1.201	5.160	-.00608	.29382	.13151	-.02771	.28080	.15740	-.00215	.00058	-.00005	1.78397
1.201	8.150	-.01255	.45926	.12813	-.04986	.43646	.19194	-.00219	.00054	-.00014	2.27389
1.200	10.135	-.01982	.56656	.12438	-.05898	.53583	.22214	-.00203	.00053	-.00095	2.41218
1.197	12.141	-.02370	.66077	.12065	-.06384	.62062	.25692	-.00164	.00043	-.00055	2.41560
1.202	15.151	-.03588	.80150	.11757	-.06856	.74291	.32297	.00098	-.00072	-.00125	2.30025
	GRADIENT	-.00231	.06100	-.00028	-.01179	.05864	.00237	.00005	.00000	.00002	.42387

RUN NO. 40/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.277	.120	.00371	-.01683	.14708	.02904	-.01714	.14705	-.00091	.00011	.00000	-.11655
1.270	4.120	-.00522	.21612	.14478	-.01577	.20516	.15994	-.00074	.00011	.00005	1.28273
1.270	5.136	-.00644	.27050	.14365	-.02557	.25655	.16729	-.00122	.00015	.00005	1.53362
1.269	6.128	-.00879	.32427	.14248	-.03448	.30721	.17628	-.00126	.00022	.00000	1.74273
1.269	7.119	-.01002	.37863	.14129	-.04266	.35820	.18712	-.00173	.00026	.00000	1.91427
1.269	8.142	-.01152	.43574	.14011	-.05028	.41150	.20041	-.00199	.00026	.00003	2.05330
1.270	9.139	-.01372	.48959	.13849	-.05654	.46138	.21449	-.00191	.00028	.00010	2.15105
1.270	10.151	-.01644	.54512	.13713	-.06280	.51242	.23105	-.00171	.00024	.00000	2.21780
1.269	11.106	-.01810	.59768	.13607	-.06836	.56028	.24865	-.00182	.00023	.00002	2.25331
1.269	12.131	-.02033	.65202	.13548	-.07382	.60898	.26948	-.00200	.00031	-.00002	2.25988
1.268	13.129	-.01821	.70294	.13481	-.07849	.65395	.29095	-.00232	.00038	.00084	2.24761
1.264	15.124	-.02562	.79407	.13233	-.08340	.73204	.33493	-.00271	.00061	.00009	2.18566
1.248	20.134	-.03491	1.02957	.12443	-.09264	.92382	.47123	-.00299	.00071	.00020	1.96045
	GRADIENT	-.00223	.05824	-.00057	-.01120	.05558	.00322	.00004	.00000	.00001	.34982

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN007) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 109/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	.097	.00542	-.02689	.08094	.02850	-.02703	.08090	-.00301	.00070	.00048	-.33410
.902	2.622	.00123	.11916	.07845	.01927	.11545	.08382	-.00362	.00072	.00030	1.37730
.903	5.125	-.00508	.24657	.07793	.02028	.23863	.09964	-.00271	.00048	.00017	2.39481
.899	8.136	-.01713	.39798	.07443	.01251	.38344	.13000	-.00147	.00050	-.00140	2.94958
.898	10.136	-.01712	.50040	.07327	.00870	.47969	.16019	-.00243	.00041	-.00024	2.99457
.901	12.123	-.02442	.60719	.07579	-.00090	.57773	.20163	-.00190	.00059	-.00068	2.86537
.898	15.126	-.02566	.73261	.07861	-.00629	.68672	.26706	-.00356	.00105	.00035	2.57145
	GRADIENT	-.00166	.05784	-.00099	-.00366	.05643	.00116	-.00024	.00001	-.00007	.67778

RUN NO. 107/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.952	.100	.00530	-.03619	.10362	.03870	-.03637	.10355	-.00253	.00051	-.00011	-.35126
.951	2.616	.00009	.12708	.10082	.01501	.12365	.10651	-.00277	.00057	-.00013	1.14868
.951	5.111	-.00641	.28890	.09711	-.00682	.27910	.12246	-.00220	.00047	-.00032	2.27903
.953	8.114	-.01584	.46485	.09194	-.02536	.44722	.15663	-.00077	.00023	-.00064	2.85525
.951	10.129	-.02225	.57322	.08779	-.03382	.54885	.18724	.00058	-.00044	-.00106	2.93129
.949	12.115	-.02489	.67404	.08679	-.03705	.64082	.22632	-.00128	.00018	-.00090	2.83145
.951	15.140	-.05005	.80321	.09246	-.03874	.75118	.29903	.00072	.00454	-.00117	2.51204
	GRADIENT	-.00207	.06489	-.00111	-.00942	.06308	.00118	-.00010	.00002	-.00001	.59616

RUN NO. 105/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.982	.126	.00536	-.03483	.11660	.04317	-.03508	.11653	-.00233	.00038	-.00014	-.30108
.981	2.614	.00004	.12557	.11409	.01947	.12023	.11970	-.00245	.00039	-.00026	1.00445
.981	5.098	-.00507	.28706	.11102	-.00402	.27606	.13609	-.00279	.00052	-.00018	2.02845
.983	8.105	-.01306	.46654	.10843	-.02685	.44659	.17312	-.00222	.00036	-.00051	2.57966
.982	10.140	-.01836	.58158	.10498	-.03874	.55401	.20574	-.00206	.00010	-.00090	2.69284
.982	12.122	-.02261	.68688	.10466	-.04542	.64959	.24656	-.00118	-.00020	-.00052	2.63457
.980	15.114	-.02468	.82024	.10649	-.04503	.76410	.31668	-.00378	.00061	-.00002	2.41287
	GRADIENT	-.00214	.06447	-.00101	-.00953	.06242	.00127	-.00005	.00000	-.00005	.52473

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN007) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 102/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.051	.093	.00582	-.02689	.14543	.04368	-.02712	.14538	-.00277	.00060	-.00025	-.18657
1.051	2.616	-.00003	.14980	.14833	.00751	.14287	.15501	-.00250	.00048	-.00041	.92171
1.053	5.125	-.00560	.30356	.14916	-.01697	.28902	.17569	-.00289	.00058	-.00066	1.64510
1.052	8.114	-.01214	.47743	.14435	-.03941	.45227	.21030	-.00312	.00058	-.00065	2.15065
1.051	10.096	-.01686	.58559	.13906	-.04771	.55215	.23956	-.00258	.00042	-.00050	2.30481
1.051	12.123	-.02394	.68821	.13585	-.05524	.64433	.27736	-.00187	.00011	-.00104	2.32309
1.051	15.110	-.02475	.83407	.13368	-.05915	.77039	.34649	-.00389	.00071	-.00011	2.22341
	GRADIENT	-.00232	.07003	.00115	-.01434	.06738	.00382	.00011	-.00005	-.00006	.43927

RUN NO. 100/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.099	.104	.00638	-.03045	.14691	.04147	-.03072	.14685	-.00294	.00056	-.00031	-.20918
1.100	2.621	.00052	.13884	.14870	.00833	.13189	.15489	-.00284	.00054	-.00049	.85151
1.102	5.133	-.00599	.29067	.14675	-.01643	.27637	.17217	-.00254	.00055	-.00054	1.60526
1.101	8.104	-.01264	.45838	.13984	-.03886	.43409	.20306	-.00275	.00053	-.00065	2.13772
1.102	10.107	-.01595	.56523	.13473	-.04784	.53281	.23183	-.00313	.00050	-.00050	2.29830
1.101	12.136	-.02246	.66785	.13076	-.05411	.62544	.26824	-.00246	.00030	-.00080	2.33165
1.100	15.118	-.02463	.79910	.12838	-.05537	.73796	.33234	-.00397	.00082	-.00006	2.22047
	GRADIENT	-.00233	.06726	.00071	-.01317	.06460	.00319	.00004	-.00001	-.00007	.42141

RUN NO. 99/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.202	.117	.00491	-.02144	.12874	.03319	-.02171	.12870	-.00192	.00040	-.00042	-.16866
1.202	2.622	.00015	.12679	.12986	.00383	.12071	.13552	-.00237	.00043	-.00032	.89072
1.201	5.109	-.00588	.27468	.12988	-.02222	.26202	.15383	-.00211	.00045	-.00021	1.70332
1.200	8.104	-.01421	.44099	.12623	-.04509	.41879	.18714	-.00170	.00044	-.00052	2.23790
1.198	10.120	-.01953	.54601	.12232	-.05254	.51602	.21636	-.00177	.00040	-.00081	2.38504
1.199	12.118	-.02309	.64946	.11971	-.05959	.60986	.25338	-.00163	.00037	-.00046	2.40684
1.204	15.110	-.02867	.78259	.11648	-.06407	.72517	.31646	-.00151	.00026	-.00023	2.29152
	GRADIENT	-.00190	.05917	.00045	-.01172	.05685	.00272	-.00018	.00001	.00004	.42291

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN008) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 91/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.981	.155	.00553	-.03244	.11690	.04260	-.03276	.11681	-.00253	.00043	-.00013	-.28045
.982	2.660	-.00003	.13212	.11515	.01834	.12663	.12116	-.00251	.00040	-.00033	1.04520
.981	5.151	-.00530	.29359	.11124	-.00583	.28242	.13715	-.00283	.00060	-.00013	2.05928
.983	8.182	-.01462	.47367	.10849	-.02795	.45341	.17480	-.00166	.00030	-.00071	2.59396
.979	10.172	-.01861	.59007	.10430	-.04236	.56237	.20687	-.00200	.00010	-.00091	2.71842
.980	12.161	-.02369	.68988	.10373	-.05177	.65255	.24674	-.00054	-.00056	-.00076	2.64471
.979	15.173	-.02336	.84164	.10845	-.05686	.78391	.32495	-.00451	.00069	.00005	2.41241
	GRADIENT	-.00222	.06569	-.00070	-.00968	.06363	.00174	.00001	-.00001	-.00008	.52920

RUN NO. 60/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	.071	.00586	-.02725	.14545	.04470	-.02743	.14541	-.00329	.00092	-.00018	-.18862
1.051	2.630	.00044	.15176	.14902	.00802	.14477	.15583	-.00324	.00084	-.00018	.92900
1.049	5.100	-.00606	.30594	.14706	-.01650	.29165	.17368	-.00276	.00072	-.00050	1.67928
	GRADIENT	-.00212	.06995	.00140	-.01433	.06729	.00407	.00002	-.00003	-.00000	.43674

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN009) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 74/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.953	.101	.00632	.01402	.10845	.00157	.01383	.10847	-.00318	.00059	-.00022	.12746
.950	2.622	-.00031	.18379	.10480	-.02305	.17880	.11310	-.00266	.00056	-.00047	1.58099
.949	5.108	-.00557	.34004	.10056	-.04393	.32974	.13044	-.00314	.00080	-.00031	2.52795
.950	8.119	-.01336	.51835	.09567	-.06275	.49965	.16792	-.00237	.00064	-.00036	2.97559
.951	10.107	-.01946	.62961	.09404	-.07262	.60334	.20307	-.00056	-.00015	-.00056	2.97102
.949	12.093	-.02154	.73185	.09212	-.07890	.69631	.24340	-.00217	.00027	-.00035	2.86081
.950	15.122	-.04652	.86734	.09868	-.07983	.81156	.32153	-.00067	.00506	-.00064	2.52407
	GRADIENT	-.00263	.06734	-.00145	-.00977	.06544	.00184	.00021	-.00001	-.00010	.57657

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN009) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 70/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.050	.093	.00787	.01841	.14573	.01034	.01818	.14576	-.00387	.00066	-.00028	.12471
1.049	2.616	.00090	.19818	.14905	-.02547	.19116	.15794	-.00293	.00050	-.00033	1.21035
1.051	5.114	-.00591	.35178	.15096	-.05079	.33692	.18172	-.00255	.00059	-.00041	1.85407
1.052	8.105	-.01099	.52960	.14900	-.07605	.50330	.22219	-.00329	.00059	-.00034	2.26523
1.052	10.117	-.01520	.64138	.14451	-.08562	.60602	.25492	-.00351	.00048	-.00051	2.37730
1.052	12.125	-.02229	.74295	.14202	-.09475	.69654	.29490	-.00250	.00027	-.00081	2.36192
1.051	15.124	-.02442	.90277	.13933	-.09909	.83515	.37005	-.00364	.00058	-.00002	2.25687
	GRADIENT	-.00276	.07125	.00132	-.01419	.06856	.00483	.00037	-.00006	-.00002	.43030

RUN NO. 59/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.248	.105	.00402	.02921	.14567	-.00164	.02891	.14572	-.00099	.00009	-.00002	.19863
1.251	2.596	-.00257	.17559	.14632	-.03079	.16878	.15412	-.00052	.00012	-.00014	1.09512
1.250	5.100	-.00704	.31396	.14653	-.05552	.29969	.17385	-.00101	.00017	-.00006	1.72381
1.249	8.103	-.01259	.47969	.14351	-.07974	.45467	.20970	-.00165	.00026	-.00013	2.16822
1.248	10.110	-.01749	.58974	.14079	-.09162	.55587	.24213	-.00137	.00025	-.00012	2.29574
1.248	12.128	-.02237	.68665	.13859	-.09875	.64221	.27976	-.00163	.00034	-.00030	2.29552
1.238	15.097	-.02498	.83099	.13322	-.10497	.76761	.34506	-.00228	.00025	.00014	2.22459
	GRADIENT	-.00265	.05876	.00026	-.01170	.05614	.00337	.00019	.00001	-.00005	.35989

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN010) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	SDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 96/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.952	.144	.00606	.01887	.10808	-.00020	.01860	.10813	-.00281	.00042	-.00030	.17198
.952	2.646	.00184	.18672	.10586	-.02381	.18164	.11436	-.00359	.00043	-.00043	1.58824
.950	5.183	-.00532	.34578	.10068	-.04569	.33527	.13151	-.00341	.00076	-.00047	2.54945
.948	8.170	-.01577	.52195	.09439	-.06450	.50324	.16761	-.00151	.00017	-.00128	3.00247
.951	10.145	-.02173	.63563	.09394	-.07559	.60914	.20443	.00011	-.00054	-.00130	2.97977
.951	12.142	-.02184	.73927	.09400	-.08177	.70296	.24739	-.00197	.00003	-.00052	2.84152
.951	15.143	-.04685	.87897	.10111	-.08175	.82204	.32720	-.00083	.00484	-.00092	2.51230
	GRADIENT	-.00169	.06709	-.00089	-.00944	.06516	.00249	-.00031	.00000	-.00005	.56605

RUN NO. 89/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	.148	.00707	.02216	.14487	.00901	.02173	.14493	-.00330	.00052	-.00038	.15032
1.050	2.657	.00157	.19868	.14925	-.02577	.19154	.15830	-.00343	.00056	-.00044	1.21002
1.051	5.143	-.00592	.34998	.15093	-.05088	.33505	.18170	-.00294	.00068	-.00071	1.84398
1.048	8.144	-.01024	.53181	.14676	-.07634	.50566	.22062	-.00400	.00070	-.00045	2.29199
1.052	10.145	-.01679	.64146	.14477	-.08748	.60593	.25549	-.00347	.00044	-.00103	2.37160
1.051	12.125	-.02178	.74025	.14116	-.09464	.69409	.29349	-.00266	.00024	-.00079	2.36492
1.049	15.144	-.02295	.89936	.13711	-.09759	.83231	.36730	-.00417	.00069	.00014	2.26600
	GRADIENT	-.00219	.07035	.00175	-.01386	.06766	.00533	-.00005	.00002	-.00002	.42236

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN011) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 108/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.950	.118	.00502	.01571	.10680	-.00051	.01549	.10684	-.00204	.00030	-.00043	.14496
.950	2.599	-.00075	.18180	.10446	-.02344	.17688	.11260	-.00217	.00037	-.00072	1.57087
.949	5.100	-.00583	.33775	.10063	-.04461	.32747	.13026	-.00281	.00063	-.00044	2.51403
.951	8.118	-.01326	.52109	.09689	-.06658	.50218	.16951	-.00263	.00063	-.00054	2.96261
.951	10.126	-.02090	.63222	.09413	-.07573	.60582	.20382	-.00074	-.00009	-.00111	2.97229
.950	12.108	-.02035	.72659	.09185	-.08157	.69116	.24222	-.00225	.00009	-.00019	2.85343
.949	15.127	-.04799	.86386	.09779	-.07969	.80841	.31984	-.00054	.00497	-.00098	2.52757
	GRADIENT	-.00233	.06694	-.00094	-.00924	.06505	.00232	-.00005	.00003	-.00012	.57473

RUN NO. 104/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	.115	.00760	.01885	.14637	.00947	.01853	.14640	-.00348	.00050	-.00051	.12677
1.051	2.616	.00174	.19604	.15086	-.02550	.18895	.15965	-.00341	.00054	-.00034	1.18353
1.051	5.098	-.00531	.34759	.15258	-.05094	.33265	.18287	-.00307	.00065	-.00063	1.81911
1.051	8.088	-.01142	.52524	.14979	-.07661	.49895	.22220	-.00321	.00060	-.00046	2.24553
1.049	10.119	-.01733	.63540	.14448	-.08688	.60013	.25387	-.00312	.00043	-.00099	2.36389
1.051	12.099	-.02130	.73952	.14289	-.09567	.69315	.29472	-.00325	.00031	-.00094	2.35189
1.052	15.111	-.02466	.89427	.14087	-.09886	.82662	.36913	-.00366	.00042	-.00020	2.23936
	GRADIENT	-.00234	.07085	.00180	-.01398	.06813	.00530	.00003	.00002	.00007	.42253

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN012) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = -5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 154/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.603	.156	2.03738	-.13858	.06165	.07979	-.13875	.06128	-.03827	.00316	-.00090	-2.26424
.602	2.644	2.06419	-.01840	.05922	.07796	-.02111	.05831	-.03818	.00331	-.00165	-.36207
.603	5.153	2.08846	.10462	.05111	.07555	.09960	.06030	-.03949	.00354	-.00232	1.65194
.601	8.164	2.11026	.26180	.03402	.07204	.25431	.07085	-.03998	.00390	-.00330	3.58925
.604	10.165	2.11987	.36842	.02080	.07159	.35897	.08549	-.03958	.00405	-.00459	4.19901
.601	12.173	2.12733	.47868	.00761	.07082	.46632	.10837	-.03819	.00360	-.00512	4.30303
	GRADIENT	.01078	.04830	-.00098	-.00074	.04728	-.00119	.00004	.00006	-.00030	.76454

RUN NO. 150/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.897	.078	2.06589	-.12781	.08608	.09466	-.12792	.08591	-.04615	.00597	-.00137	-1.48909
.902	2.582	2.09316	.03005	.08572	.07699	.02613	.08699	-.04740	.00638	-.00246	.30071
.902	5.068	2.11638	.17648	.08375	.06463	.16839	.09902	-.04709	.00573	-.00270	1.70060
.898	8.098	2.12928	.33400	.08082	.05638	.31928	.12706	-.04337	.00427	-.00591	2.51285
.900	10.074	2.14113	.43448	.07996	.05360	.41380	.15472	-.04173	.00392	-.00452	2.67441
.899	12.120	2.14686	.54354	.08003	.04282	.51462	.19237	-.04224	.00458	-.00518	2.67519
	GRADIENT	.01089	.06304	-.00014	-.00706	.06153	.00043	-.00050	.00016	-.00044	.71478

RUN NO. 147/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.954	.082	2.06942	-.12839	.10855	.10818	-.12854	.10836	-.04884	.00778	-.00366	-1.18621
.948	2.590	2.09276	.03974	.10369	.08083	.03501	.10538	-.04803	.00750	-.00433	.33225
.949	5.103	2.11447	.19905	.10106	.05921	.18927	.11837	-.04831	.00776	-.00368	1.59899
.949	8.088	2.13662	.37743	.09541	.03740	.36026	.14757	-.04755	.00716	-.00334	2.44131
.953	10.090	2.14445	.50780	.09359	.01455	.48355	.18110	-.04593	.00645	-.00438	2.67005
.951	12.088	2.14757	.61621	.09068	.00149	.58356	.21771	-.04121	.00346	-.00601	2.68043
	GRADIENT	.00931	.06704	-.00194	-.01091	.06521	-.00119	.00032	-.00011	-.00027	.60545

RUN NO. 140/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.248	.093	2.07123	-.06145	.14863	.06092	-.06169	.14853	-.03611	.00294	-.00270	-.41535
1.252	2.594	2.09660	.08391	.14780	.03081	.07714	.15144	-.03599	.00271	-.00310	.50937
1.251	5.096	2.11650	.22925	.14508	.00444	.21546	.16487	-.03414	.00188	-.00321	1.30688
1.248	8.109	2.13300	.39576	.13993	-.01969	.37206	.19436	-.03154	.00098	-.00387	1.91429
1.250	10.110	2.14069	.50574	.13632	-.03249	.47396	.22298	-.03056	.00056	-.00454	2.12560
1.250	12.087	2.15117	.60023	.13293	-.04003	.55908	.25567	-.03068	.00028	-.00420	2.18675
	GRADIENT	.01014	.05812	-.00033	-.01204	.05551	.00116	.00005	-.00009	-.00016	.36974

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 155/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.602	.152	2.03695	-.03970	.06035	.03056	-.03986	.06024	-.03878	.00336	-.00094	-.66165
.602	2.667	2.06591	.08233	.05712	.02804	.07959	.06089	-.04052	.00366	-.00164	1.30699
.598	5.148	2.08841	.20632	.04895	.02551	.20110	.06726	-.04068	.00384	-.00235	2.98973
.601	8.153	2.10956	.36847	.03083	.02079	.36037	.08277	-.04048	.00415	-.00360	4.35364
.598	10.162	2.11952	.47330	.01731	.02063	.46282	.10054	-.04057	.00418	-.00494	4.60323
.599	12.151	2.12713	.58278	.00450	.01975	.56878	.12707	-.03914	.00368	-.00546	4.47625
	GRADIENT	.01151	.04852	-.00128	-.00100	.04750	.00026	-.00069	.00012	-.00028	.78276

RUN NO. 153/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.799	.078	2.05627	-.05535	.06666	.04071	-.05544	.06659	-.04316	.00472	-.00140	-.83258
.803	2.585	2.08386	.08025	.06372	.03610	.07730	.06728	-.04435	.00507	-.00254	1.14895
.803	5.077	2.10591	.22614	.05687	.02822	.22022	.07666	-.04438	.00511	-.00293	2.87263
.803	8.115	2.12524	.39519	.04925	.01805	.38428	.10454	-.04288	.00427	-.00448	3.67607
.802	10.110	2.13752	.49174	.04787	.01868	.47571	.13344	-.04301	.00416	-.00423	3.56490
.801	12.097	2.14203	.58511	.04892	.01853	.56186	.17045	-.04163	.00372	-.00542	3.29633
	GRADIENT	.01101	.05409	-.00117	-.00184	.05295	.00028	-.00047	.00014	-.00045	.79040

RUN NO. 151/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.900	.077	2.06785	-.03725	.08058	.03473	-.03736	.08053	-.05034	.00776	-.00069	-.46394
.901	2.577	2.09547	.10742	.07973	.02578	.10373	.08448	-.05107	.00781	-.00178	1.22790
.900	5.095	2.11799	.23543	.07823	.02636	.22756	.09882	-.04934	.00669	-.00234	2.30265
.900	8.107	2.13114	.39334	.07563	.01645	.37874	.13034	-.04487	.00525	-.00496	2.90584
.904	10.109	2.14392	.50292	.07604	.00892	.48177	.16313	-.04226	.00397	-.00385	2.95334
.901	12.085	2.14470	.60685	.07664	.00028	.57736	.20199	-.03992	.00368	-.00530	2.85841
	GRADIENT	.01105	.05787	-.00034	-.00358	.05644	.00158	-.00029	.00002	-.00044	.67674

RUN NO. 148/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.953	.086	2.06441	-.04606	.10444	.04660	-.04621	.10438	-.04241	.00536	-.00422	-.44275
.953	2.568	2.08780	.11440	.10348	.02536	.10965	.10851	-.04254	.00560	-.00469	1.01055
.952	5.096	2.10553	.27990	.09879	.00091	.27002	.12326	-.04100	.00544	-.00516	2.19057
.952	8.102	2.12952	.45298	.09270	-.01615	.43539	.15562	-.04428	.00653	-.00463	2.79786
.949	10.097	2.14217	.56437	.08763	-.02743	.54027	.18521	-.04367	.00550	-.00459	2.91700
.949	12.111	2.14519	.67083	.08739	-.03926	.63756	.22619	-.03854	.00258	-.00596	2.81871
	GRADIENT	.00942	.06465	-.00039	-.00856	.06280	.00166	-.00005	.00010	-.00019	.58554

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 146/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.980	.099	2.06562	-.04874	.11582	.05178	-.04894	.11573	-.04030	.00421	-.00383	-.42285
.983	2.603	2.08938	.11513	.11594	.02943	.10974	.12105	-.04067	.00455	-.00462	.90663
.982	5.080	2.10670	.27767	.11287	.00444	.26658	.13702	-.03923	.00440	-.00509	1.94563
.972	8.098	2.12530	.45607	.10076	-.01881	.43733	.16400	-.04137	.00575	-.00547	2.66668
.981	10.082	2.13302	.57566	.10610	-.03332	.54820	.20523	-.03932	.00478	-.00609	2.67110
.981	12.093	2.14340	.67824	.10484	-.04359	.64123	.24462	-.04046	.00462	-.00609	2.62137
	GRADIENT	.00949	.06544	.00005	-.00893	.06337	.00212	-.00015	.00014	-.00032	.53094

RUN NO. 145/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.050	.096	2.06896	-.03551	.14613	.05080	-.03576	.14607	-.03973	.00391	-.00450	-.24478
1.053	2.580	2.09303	.13723	.14966	.01479	.13033	.15569	-.03938	.00359	-.00455	.83727
1.050	5.086	2.11159	.29607	.14791	-.01063	.28180	.17357	-.03782	.00305	-.00477	1.62351
1.052	8.094	2.12884	.47377	.14534	-.03492	.44859	.21059	-.03590	.00250	-.00498	2.13013
1.046	10.082	2.13815	.58284	.13914	-.04444	.54949	.23902	-.03606	.00272	-.00510	2.29893
1.051	12.095	2.14277	.69273	.13828	-.05547	.64838	.28036	-.03415	.00191	-.00573	2.31269
	GRADIENT	.00969	.06954	.00142	-.01450	.06687	.00387	.00014	-.00013	-.00002	.43561

RUN NO. 144/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.101	.094	2.06764	-.03868	.14719	.04948	-.03892	.14713	-.03822	.00403	-.00428	-.26453
1.100	2.577	2.09110	.12880	.14850	.01629	.12199	.15414	-.03837	.00406	-.00474	.79143
1.099	5.100	2.11079	.28403	.14565	-.01009	.26995	.17032	-.03721	.00356	-.00467	1.58496
1.097	8.088	2.12729	.45776	.13997	-.03494	.43351	.20298	-.03565	.00330	-.00495	2.13570
1.098	10.083	2.13600	.57075	.13591	-.04528	.53815	.23373	-.03509	.00323	-.00512	2.30241
1.099	12.095	2.14431	.66697	.13176	-.05381	.62455	.26859	-.03491	.00266	-.00545	2.32531
	GRADIENT	.00945	.06745	.00053	-.01337	.06480	.00282	-.00006	.00001	-.00019	.42528

RUN NO. 143/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.199	.087	2.07093	-.02251	.13105	.03712	-.02271	.13102	-.03671	.00298	-.00274	-.17334
1.201	2.573	2.09671	.12688	.13219	.00661	.12081	.13775	-.03653	.00256	-.00317	.87705
1.200	5.115	2.11533	.28153	.13054	-.02135	.26877	.15512	-.03438	.00186	-.00355	1.73267
1.197	8.081	2.13019	.45317	.12742	-.04621	.43076	.18986	-.03229	.00106	-.00494	2.26883
1.201	10.076	2.13646	.55726	.12553	-.05636	.52670	.22108	-.03076	.00067	-.00550	2.38239
1.199	12.082	2.14127	.66123	.12284	-.06567	.62087	.25852	-.02980	.00002	-.00620	2.40161
	GRADIENT	.01037	.06009	.00046	-.01227	.05773	.00271	.00007	-.00017	-.00017	.42252

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 141/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.253	.083	2.07199	-.01742	.14601	.03014	-.01763	.14599	-.03614	.00267	-.00264	-.12074
1.253	2.592	2.09699	.12524	.14525	.00221	.11854	.15077	-.03526	.00212	-.00301	.78626
1.252	5.081	2.11584	.27133	.14339	-.02457	.25757	.16685	-.03348	.00147	-.00343	1.54369
1.248	8.088	2.13256	.43928	.14031	-.04939	.41516	.20072	-.03165	.00091	-.00411	2.06834
1.251	10.101	2.13880	.54712	.13725	-.06124	.51457	.23108	-.03035	.00043	-.00506	2.22683
1.250	12.106	2.14357	.64513	.13507	-.07144	.60246	.26737	-.03007	.00014	-.00588	2.25330
	GRADIENT	.00996	.05686	-.00030	-.01113	.05427	.00191	.00035	-.00022	-.00015	.36150

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN014) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 156/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.604	.156	2.03725	.05297	.06358	-.01687	.05279	.06372	-.03950	.00354	-.00114	.82845
.601	2.671	2.06564	.17590	.06037	-.01933	.17289	.06850	-.04113	.00392	-.00180	2.52393
.602	5.135	2.08911	.30423	.05159	-.02268	.29840	.07861	-.04208	.00412	-.00253	3.79598
.600	8.166	2.11068	.46142	.03341	-.02640	.45200	.09862	-.04217	.00433	-.00375	4.58345
.599	10.164	2.12038	.57088	.01970	-.02770	.55844	.12014	-.04198	.00444	-.00494	4.64843
.603	12.178	2.12900	.68639	.00792	-.02903	.66928	.15254	-.04028	.00400	-.00491	4.38758
	GRADIENT	.01129	.04888	-.00128	-.00098	.04775	.00190	-.00065	.00015	-.00026	.67415

RUN NO. 152/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	.092	2.06363	.01590	.08108	-.00113	.01577	.08111	-.04453	.00569	-.00396	.19444
.901	2.588	2.08985	.17032	.08063	-.01413	.16651	.08824	-.04667	.00638	-.00454	1.88697
.901	5.089	2.11768	.31304	.08033	-.02413	.30468	.10778	-.04900	.00644	-.00244	2.82689
.903	8.103	2.12671	.47738	.07927	-.03625	.46144	.14577	-.04199	.00433	-.00581	3.16565
.902	10.099	2.14210	.58154	.07876	-.04131	.55872	.17951	-.04181	.00385	-.00423	3.11243
.903	12.094	2.14489	.67893	.08139	-.05062	.64681	.22184	-.04017	.00362	-.00542	2.91571
	GRADIENT	.01050	.06187	-.00018	-.00521	.06039	.00286	-.00086	.00028	-.00023	.67810

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN014) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 149/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.952	.094	2.06343	.01558	.10771	-.00003	.01540	.10774	-.03975	.00396	-.00387	.14297
.951	2.580	2.08706	.18141	.10729	-.02175	.17640	.11535	-.04020	.00435	-.00449	1.52924
.950	5.106	2.10618	.34377	.10254	-.04599	.33328	.13273	-.04021	.00464	-.00516	2.51108
.947	8.088	2.12685	.52382	.09517	-.06750	.50522	.16792	-.04060	.00466	-.00501	3.00873
.953	10.108	2.13355	.64536	.09859	-.08587	.61804	.21032	-.03814	.00368	-.00591	2.93850
.950	12.091	2.14681	.74961	.09491	-.09367	.71311	.24982	-.03992	.00326	-.00560	2.85450
	GRADIENT	.00951	.06671	-.00017	-.00874	.06476	.00306	-.00018	.00016	-.00025	.55763

RUN NO. 142/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.251	.079	2.07224	.02458	.14741	-.00178	.02438	.14745	-.03582	.00232	-.00245	.16532
1.254	2.584	2.09685	.17390	.14944	-.03161	.16693	.15713	-.03494	.00186	-.00306	1.06276
1.251	5.100	2.11701	.31713	.14899	-.05792	.30263	.17659	-.03410	.00146	-.00356	1.71372
1.248	8.076	2.13401	.48481	.14609	-.08386	.45947	.21275	-.03245	.00092	-.00416	2.15965
1.250	10.081	2.14229	.59538	.14350	-.09688	.56107	.24550	-.03155	.00059	-.00457	2.28543
1.252	12.091	2.14753	.69392	.14181	-.10799	.64883	.28401	-.03135	.00038	-.00536	2.28448
	GRADIENT	.00982	.05961	.00081	-.01191	.05693	.00386	.00035	-.00018	-.00024	.35826

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN015) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 55/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.599	.153	.00083	-.15041	.06294	.08278	-.15058	.06254	.00047	.00031	.00026	-2.40780
.600	2.676	-.00316	-.02667	.05943	.08164	-.02941	.05812	-.00132	.00047	.00014	-.50606
.599	5.165	-.00872	.09590	.05119	.07847	.09091	.05961	-.00127	.00047	.00013	1.52493
.600	8.169	-.01423	.25365	.03448	.07486	.24617	.07017	-.00251	.00078	.00039	3.50799
.601	10.167	-.01803	.36176	.02096	.07489	.35238	.08449	-.00307	.00084	.00039	4.17084
.600	12.175	-.02194	.47297	.00775	.07366	.46070	.10733	-.00326	.00088	.00052	4.29253
.602	15.185	-.03002	.64362	.01110	.06389	.61824	.17930	-.00264	.00052	-.00021	3.44818
	GRADIENT	-.00158	.04904	-.00139	-.00045	.04803	-.00175	-.00071	.00006	-.00005	.75376

RUN NO. 64/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.802	.076	.00178	-.15796	.07175	.09615	-.15803	.07154	-.00031	.00026	.00034	-2.20922
.802	2.623	-.00231	-.02078	.06827	.09104	-.02389	.06725	-.00140	.00044	.00038	-.35516
.801	5.106	-.00713	.11484	.05995	.08677	.10905	.06994	-.00192	.00066	.00048	1.55922
.801	8.130	-.01277	.29215	.05133	.07663	.28196	.09213	-.00256	.00055	.00010	3.06052
.798	10.084	-.01694	.39015	.04856	.07444	.37562	.11612	-.00274	.00046	-.00009	3.23471
.801	12.130	-.02513	.49241	.05065	.07320	.47077	.15299	-.00198	.00042	-.00104	3.07711
.801	15.097	-.02782	.64664	.05825	.05737	.60915	.22467	-.00257	.00065	.00013	2.71136
	GRADIENT	-.00161	.05386	-.00137	-.00201	.05267	-.00168	-.00043	.00007	.00002	.72794

RUN NO. 61/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	.108	.00391	-.12752	.08864	.09725	-.12768	.08840	-.00195	.00052	.00047	-1.44440
.903	2.596	-.00060	.02696	.08573	.08073	.02305	.08687	-.00209	.00045	.00057	.26535
.901	5.111	-.00233	.17811	.08373	.06631	.16994	.09926	-.00407	.00075	.00106	1.71209
.897	8.124	-.01326	.32710	.07994	.05993	.31252	.12536	-.00231	.00030	-.00053	2.49295
.899	10.117	-.01805	.43600	.07976	.05319	.41521	.15511	-.00213	.00030	-.00050	2.67696
.899	12.149	-.02549	.54658	.07932	.04394	.51765	.19258	-.00277	.00108	-.00104	2.68792
.899	15.144	-.02564	.68567	.08190	.03208	.64047	.25818	-.00308	.00082	.00043	2.48068
	GRADIENT	-.00181	.06209	-.00117	-.00664	.06058	-.00061	-.00006	-.00003	.00004	.68720

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN015) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 114/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.951	.078	.00493	-.13307	.10694	.10657	-.13322	.10676	-.00224	.00043	.00016	-1.24782
.952	2.595	.00095	.03892	.10471	.07803	.03414	.10636	-.00355	.00082	.00017	.32096
.954	5.083	-.00449	.20182	.10272	.05521	.19193	.12020	-.00358	.00082	-.00006	1.59668
.949	8.087	-.01385	.37600	.09503	.03491	.35889	.14697	-.00210	.00055	-.00043	2.44190
.945	10.075	-.01604	.49366	.08993	.02178	.47032	.17490	-.00320	.00083	-.00005	2.68900
.952	12.059	-.02159	.61662	.09067	.00234	.58407	.21750	-.00270	.00042	-.00052	2.68544
.953	15.083	-.04912	.75920	.09491	-.00678	.70835	.28920	.00078	.00426	-.00115	2.44937
	GRADIENT	-.00158	.06833	-.00089	-.01134	.06649	-.00016	-.00052	.00015	.00000	.62327

RUN NO. 111/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.271	.074	.00348	-.04985	.14965	.05486	-.05007	.14959	-.00067	.00005	-.00006	-.33453
1.272	2.596	-.00082	.09149	.14802	.02575	.08470	.15201	-.00124	.00011	.00008	.55717
1.271	5.069	-.00679	.23299	.14434	.00031	.21933	.16436	-.00077	.00012	.00031	1.33446
1.269	8.067	-.01247	.39175	.13863	-.02309	.36842	.19223	-.00117	.00016	.00019	1.91659
1.270	10.081	-.01769	.50344	.13452	-.03680	.47212	.22057	-.00077	-.00003	-.00006	2.14044
1.268	12.061	-.02219	.61006	.13169	-.04827	.56908	.25626	-.00104	.00008	-.00018	2.22068
1.265	15.065	-.02489	.74707	.12939	-.05460	.68776	.31912	-.00187	.00042	.00045	2.15522
	GRADIENT	-.00170	.05604	-.00065	-.01154	.05343	.00096	-.00023	.00002	.00006	.35357

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 42/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.602	.172	.00291	-.04942	.06214	.03487	-.04961	.06199	-.00199	.00063	.00016	-.80017
.602	.677	.00233	-.02369	.06198	.03403	-.02442	.06169	-.00257	.00067	.00016	-.39581
.601	1.195	.00076	.00173	.06146	.03347	.00045	.06148	-.00209	.00065	.00044	.00736
.603	1.708	-.00026	.02626	.06066	.03294	.02444	.06142	-.00224	.00067	.00032	.39789
.603	2.201	-.00105	.05030	.05970	.03280	.04797	.06159	-.00239	.00060	.00033	.77894
.601	4.194	-.00461	.14952	.05342	.03043	.14521	.06421	-.00323	.00069	.00044	2.26134
.601	5.218	-.00664	.20111	.04890	.02934	.19583	.06699	-.00347	.00074	.00045	2.92316
.602	6.187	-.00939	.25131	.04384	.02804	.24512	.07067	-.00283	.00073	.00044	3.46850
.600	7.210	-.01117	.30909	.03756	.02615	.30194	.07606	-.00358	.00082	.00026	3.96985
.598	8.183	-.01257	.36196	.03140	.02447	.35381	.08260	-.00421	.00097	.00050	4.28340
.603	9.201	-.01501	.41654	.02447	.02378	.40727	.09076	-.00388	.00101	.00057	4.48746
.603	10.190	-.01650	.46812	.01751	.02438	.45763	.10004	-.00456	.00119	.00068	4.57430
.603	11.194	-.01748	.52327	.01062	.02413	.51123	.11201	-.00509	.00124	.00105	4.56445
.599	12.193	-.01992	.57531	.00456	.02437	.56136	.12597	-.00454	.00122	.00116	4.45634
.600	13.194	-.02679	.63407	.00753	.01966	.61561	.15206	-.00095	-.00062	-.00087	4.04848
.599	15.179	-.03083	.73527	.01186	.01712	.70652	.20397	-.00276	.00063	-.00056	3.46390
.600	20.212	-.04745	1.05145	.01689	-.01140	.98086	.37912	-.00219	.00118	-.00183	2.58721
	GRADIENT	-.00190	.04933	-.00224	-.00105	.04830	.00058	-.00026	.00001	.00006	.75957

RUN NO. 31/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.801	.047	.00288	-.06634	.06674	.04299	-.06639	.06668	-.00111	.00039	.00012	-.99561
.801	.562	.00204	-.04583	.06637	.04268	-.04648	.06591	-.00130	.00040	.00011	-.70511
.800	1.063	.00151	-.01183	.06624	.04112	-.01306	.06601	-.00165	.00040	.00005	-.19782
.799	1.588	.00046	.01400	.06535	.03988	.01219	.06571	-.00171	.00039	-.00001	.18549
.802	2.079	-.00085	.04131	.06485	.03949	.03893	.06631	-.00155	.00039	.00004	.58720
.801	4.075	-.00454	.15250	.05935	.03480	.14790	.07003	-.00218	.00050	-.00004	2.11183
.800	5.075	-.00656	.21592	.05586	.03085	.21013	.07474	-.00248	.00064	.00000	2.81157
.798	6.075	-.00922	.27527	.05274	.02682	.26814	.08158	-.00221	.00056	-.00019	3.28686
.803	7.041	-.00977	.33130	.05098	.02284	.32255	.09121	-.00322	.00071	.00002	3.53651
.799	8.042	-.01208	.38390	.04853	.02004	.37334	.10176	-.00326	.00066	-.00014	3.66897
.802	9.060	-.01480	.43430	.04765	.01963	.42138	.11545	-.00301	.00046	-.00043	3.64983
.799	10.036	-.01644	.48121	.04654	.01930	.46573	.12969	-.00316	.00059	-.00013	3.59118
.801	11.060	-.01832	.53163	.04680	.01972	.51278	.14792	-.00350	.00065	-.00013	3.46660
.801	12.042	-.02086	.57702	.04744	.02009	.55443	.16677	-.00317	.00069	-.00005	3.32443
.800	13.035	-.02387	.62790	.04820	.01672	.60085	.18859	-.00286	.00087	-.00002	3.18606
.802	15.079	-.02653	.73457	.05549	.00367	.69484	.24468	-.00353	.00070	.00006	2.83980
.803	20.050	-.03359	.96645	.06099	-.00496	.88697	.38863	-.00390	.00076	.00071	2.28227
	GRADIENT	-.00188	.05496	-.00186	-.00208	.05383	.00092	-.00024	.00003	-.00004	.78213

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 2/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.899	.088	.00217	-.04881	.08056	.03921	-.04893	.08049	-.00238	.00062	.00035	-.60790
.899	.596	.00105	-.01684	.08030	.03583	-.01768	.08012	-.00231	.00061	.00048	-.22062
.900	1.112	.00101	.01409	.08013	.03264	.01254	.08039	-.00306	.00073	.00057	.15594
.898	1.592	-.00082	.04065	.07882	.03198	.03844	.07992	-.00247	.00064	.00035	.48104
.898	2.121	-.00148	.07292	.07833	.02966	.06997	.08097	-.00285	.00072	.00036	.86413
.899	4.085	-.00408	.17611	.07764	.03054	.17013	.08999	-.00336	.00063	.00063	1.89060
.899	5.115	-.00676	.22602	.07703	.03118	.21825	.09688	-.00297	.00042	.00023	2.25276
.899	6.111	-.00948	.27346	.07646	.03041	.26377	.10513	-.00259	.00024	-.00006	2.50897
.899	7.121	-.01065	.32550	.07606	.02698	.31357	.11582	-.00307	.00037	.00023	2.70742
.902	8.108	-.01380	.38175	.07624	.02066	.36718	.12932	-.00298	.00043	-.00012	2.83929
.898	9.127	-.01673	.43239	.07405	.01872	.41516	.14171	-.00263	.00030	-.00030	2.92978
.899	10.157	-.01951	.48824	.07387	.01474	.46757	.15881	-.00261	.00041	-.00035	2.94423
.900	11.127	-.02315	.54780	.07468	.00795	.52303	.17899	-.00276	.00074	-.00064	2.92247
.899	12.084	-.02444	.59668	.07514	.00438	.56773	.19839	-.00418	.00129	-.00066	2.86172
.899	13.107	-.02614	.64616	.07658	-.00063	.61196	.22112	-.00464	.00167	-.00039	2.76761
.903	15.108	-.02956	.74142	.08075	-.01026	.69475	.27120	-.00485	.00216	.00012	2.56181
.899	20.111	-.04365	.98219	.08013	-.01883	.89475	.41297	-.00386	.00277	.00005	2.16663
	GRADIENT	-.00158	.05605	-.00080	-.00199	.05459	.00243	-.00024	.00000	.00005	.62247

RUN NO. 12/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.949	.084	.00463	-.04877	.10250	.04669	-.04893	.10242	-.00271	.00084	-.00028	-.47767
.948	.579	.00409	-.01587	.10147	.04186	-.01689	.10131	-.00299	.00083	-.00042	-.16673
.949	1.071	.00280	.01603	.10107	.03756	.01413	.10135	-.00275	.00073	-.00048	.13947
.950	1.589	.00170	.04898	.10110	.03297	.04616	.10242	-.00289	.00082	-.00028	.45071
.949	2.126	.00073	.08485	.10035	.02774	.08107	.10343	-.00299	.00076	-.00055	.78381
.950	4.129	-.00383	.21950	.09842	.00902	.21185	.11397	-.00283	.00068	-.00048	1.85878
.953	5.126	-.00695	.28125	.09811	.00005	.27136	.12285	-.00225	.00060	-.00048	2.20894
.948	6.123	-.00835	.33694	.09306	-.00378	.32509	.12847	-.00303	.00081	-.00044	2.53053
.951	7.076	-.01285	.39126	.09221	-.00941	.37692	.13971	-.00180	.00050	-.00093	2.69789
.948	8.053	-.01605	.44580	.08921	-.01389	.42891	.15078	-.00099	.00027	-.00093	2.84455
.950	9.052	-.01419	.50071	.08885	-.01847	.48050	.16652	-.00350	.00114	-.00006	2.88557
.950	10.074	-.01790	.56202	.08759	-.02612	.53804	.18455	-.00282	.00079	-.00052	2.91543
.951	11.056	-.02075	.62123	.08779	-.03355	.59287	.20530	-.00227	.00048	-.00069	2.88787
.952	12.063	-.02220	.67521	.08850	-.03869	.64180	.22765	-.00269	.00052	-.00062	2.81927
.950	13.074	-.02554	.71849	.08961	-.03799	.67959	.24981	-.00315	.00111	-.00065	2.72039
.946	15.049	-.04958	.79406	.09020	-.03442	.74341	.29328	.00036	.00466	-.00124	2.53481
.915	19.957	-.04015	.98950	.08050	-.02054	.90260	.41339	-.00297	.00144	-.00017	2.18340
	GRADIENT	-.00213	.06626	-.00094	-.00929	.06440	.00306	-.00001	-.00004	-.00004	.57692

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 36/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.050	.094	.00647	-.03783	.13756	.05178	-.03806	.13750	-.00341	.00079	-.00037	-.27679
1.052	.619	.00541	-.00086	.13932	.04351	-.00237	.13930	-.00356	.00086	-.00012	-.01700
1.051	1.123	.00446	.03384	.13948	.03572	.03110	.14012	-.00356	.00082	-.00004	.22193
1.051	1.610	.00273	.06780	.14002	.02877	.06384	.14187	-.00309	.00072	-.00021	.44997
1.051	2.128	.00148	.10383	.14083	.02186	.09853	.14458	-.00300	.00069	-.00024	.68148
1.051	4.095	-.00311	.23558	.14225	-.00187	.22482	.15871	-.00281	.00067	-.00018	1.41652
1.051	5.108	-.00494	.29555	.14092	-.01089	.28183	.16667	-.00329	.00075	-.00040	1.69098
1.050	6.117	-.00815	.35424	.13896	-.01932	.33742	.17592	-.00278	.00068	-.00045	1.91802
1.050	7.105	-.00960	.41138	.13766	-.02632	.39119	.18749	-.00313	.00068	-.00042	2.08652
1.050	8.120	-.01071	.47005	.13585	-.03326	.44615	.20088	-.00388	.00078	-.00043	2.22100
1.050	9.109	-.01522	.52577	.13336	-.03829	.49802	.21492	-.00329	.00070	-.00091	2.31729
1.049	10.125	-.01564	.58377	.13121	-.04276	.55161	.23179	-.00344	.00068	-.00037	2.37976
1.050	11.108	-.01684	.63755	.13142	-.04807	.60023	.25178	-.00381	.00078	-.00020	2.38412
1.053	12.130	-.02169	.69677	.13292	-.05474	.65328	.27636	-.00330	.00060	-.00079	2.36385
1.051	13.117	-.02399	.73911	.13136	-.05786	.69002	.29567	-.00293	.00045	-.00071	2.33375
1.051	15.127	-.02246	.84365	.13205	-.06382	.77996	.34763	-.00478	.00089	.00014	2.24367
1.050	20.139	-.03025	1.12557	.13020	-.09002	1.01193	.50976	-.00575	.00082	.00018	1.98511
	GRADIENT	-.00244	.06830	.00107	-.01331	.06566	.00535	.00019	-.00004	.00001	.42141

RUN NO. 38/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.100	.126	.00665	-.03061	.14597	.04677	-.03093	.14590	-.00377	.00097	-.00007	-.21199
1.101	.622	.00640	.00203	.14647	.03969	.00044	.14648	-.00412	.00094	-.00030	.00297
1.100	1.123	.00486	.03501	.14676	.03310	.03212	.14742	-.00383	.00090	-.00021	.21790
1.100	1.633	.00322	.06875	.14715	.02610	.06453	.14905	-.00347	.00082	-.00031	.43292
1.100	2.127	.00200	.09982	.14736	.02008	.09428	.15096	-.00345	.00084	-.00026	.62451
1.099	4.132	-.00275	.23195	.14659	-.00444	.22079	.16292	-.00333	.00084	-.00033	1.35518
1.098	5.132	-.00414	.28931	.14503	-.01349	.27518	.17033	-.00384	.00088	-.00038	1.61559
1.101	6.113	-.00675	.34322	.14300	-.02114	.32604	.17873	-.00368	.00089	-.00040	1.82419
1.100	7.115	-.00877	.39896	.14064	-.02875	.37846	.18897	-.00373	.00090	-.00030	2.00271
1.099	8.094	-.01106	.45857	.13839	-.03688	.43451	.20157	-.00389	.00088	-.00052	2.15562
1.099	9.112	-.01541	.51384	.13552	-.04201	.48590	.21518	-.00333	.00075	-.00097	2.25808
1.099	10.122	-.01500	.56721	.13328	-.04679	.53496	.23089	-.00380	.00085	-.00026	2.31696
1.100	11.117	-.01633	.62107	.13119	-.05108	.58412	.24848	-.00423	.00096	-.00017	2.35073
1.100	12.115	-.02163	.67445	.12966	-.05547	.63222	.26833	-.00351	.00078	-.00075	2.35615
1.100	13.122	-.02134	.72619	.12854	-.05950	.67805	.29005	-.00390	.00084	-.00026	2.33772
1.101	15.124	-.02187	.80674	.12778	-.06072	.74546	.33384	-.00566	.00118	.00002	2.23299
1.099	20.096	-.03213	1.05114	.12786	-.07564	.94321	.48125	-.00547	.00101	.00002	1.95994
	GRADIENT	-.00246	.06548	.00013	-.01272	.06277	.00436	.00016	-.00003	-.00004	.38982

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 34/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.201	.129	.00318	-.01947	.13115	.03600	-.01977	.13111	-.00138	.00054	-.00017	-.15076
1.200	.611	.00264	.00949	.13098	.03012	.00809	.13108	-.00163	.00055	-.00019	.06171
1.200	1.121	.00116	.03856	.13087	.02395	.03599	.13160	-.00142	.00051	-.00015	.27350
1.200	1.604	.00079	.06798	.13084	.01802	.06430	.13269	-.00192	.00064	-.00007	.48458
1.201	2.102	-.00090	.09829	.13090	.01163	.09343	.13442	-.00152	.00056	-.00012	.69504
1.198	4.098	-.00524	.21999	.13076	-.01093	.21008	.14615	-.00142	.00052	-.00005	1.43748
1.200	5.109	-.00691	.27882	.13016	-.02151	.26612	.15447	-.00167	.00050	-.00012	1.72281
1.198	6.115	-.00864	.33547	.12872	-.03074	.31984	.16373	-.00197	.00058	-.00007	1.95349
1.198	7.120	-.01131	.39183	.12758	-.03911	.37300	.17516	-.00187	.00059	-.00018	2.12945
1.200	8.118	-.01332	.44680	.12636	-.04496	.42447	.18819	-.00219	.00061	-.00035	2.25557
1.199	9.108	-.01467	.50005	.12469	-.05007	.47401	.20228	-.00235	.00059	-.00020	2.34339
1.198	10.097	-.01529	.55506	.12315	-.05476	.52487	.21855	-.00249	.00058	.00016	2.40161
1.200	11.101	-.01941	.60822	.12173	-.05833	.57341	.23655	-.00213	.00053	-.00024	2.42401
1.201	12.112	-.02155	.66265	.12145	-.06353	.62241	.25778	-.00238	.00063	-.00027	2.41450
1.200	13.121	-.02346	.71260	.12057	-.06733	.66663	.27918	-.00248	.00069	-.00019	2.38780
1.198	15.128	-.02948	.80247	.11689	-.06988	.74416	.32226	-.00162	.00015	-.00052	2.30915
1.203	20.108	-.03530	1.04590	.11274	-.09000	.94339	.46544	-.00373	.00086	-.00003	2.02686
	GRADIENT	-.00217	.06037	-.00008	-.01184	.05795	.00394	.00001	-.00000	.00003	.39959

RUN NO. 33/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.290	.136	.00246	-.01057	.14810	.02571	-.01092	.14807	-.00046	.00017	-.00013	-.07376
1.290	.634	.00050	.01734	.14814	.02007	.01570	.14832	.00001	.00011	-.00023	.10588
1.291	1.125	.00078	.04531	.14777	.01449	.04240	.14863	-.00080	.00025	-.00007	.28529
1.291	1.612	-.00072	.07264	.14733	.00917	.06847	.14931	-.00059	.00023	-.00013	.45856
	GRADIENT	-.00188	.05643	-.00054	-.01122	.05385	.00082	-.00024	.00006	.00003	.36113

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN018) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 95/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.980	.162	.00556	-.04054	.11552	.04903	-.04086	.11540	-.00254	.00042	-.00032	-.35409
.980	2.680	.00023	.12569	.11345	.02444	.12024	.11920	-.00272	.00041	-.00045	1.00872
.980	5.178	-.00535	.28732	.10978	.00032	.27624	.13526	-.00299	.00069	-.00014	2.04223
.980	8.149	-.01503	.46539	.10494	-.02186	.44581	.16985	-.00115	.00003	-.00085	2.62468
.980	10.159	-.01864	.58017	.10376	-.03614	.55277	.20446	-.00141	-.00001	-.00066	2.70358
.980	12.156	-.02329	.69222	.10348	-.04650	.65491	.24692	-.00089	-.00034	-.00066	2.65231
.979	15.173	-.02288	.82945	.10644	-.05039	.77268	.31982	-.00462	.00078	.00018	2.41600
	GRADIENT	-.00212	.06602	-.00082	-.00977	.06398	.00151	-.00007	-.00000	-.00005	.54123

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN019) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 113/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.980	.083	.00635	-.05017	.11649	.05110	-.05034	.11641	-.00276	.00036	-.00035	-.43242
.981	2.586	.00129	.11167	.11417	.02699	.10641	.11909	-.00310	.00036	-.00046	.89352
.978	5.058	-.00459	.27481	.10920	.00153	.26411	.13301	-.00304	.00041	-.00047	1.98573
.979	8.075	-.01162	.45512	.10511	-.02166	.43585	.16799	-.00280	.00041	-.00032	2.59442
.984	10.066	-.01844	.57012	.10701	-.03409	.54264	.20501	-.00220	.00010	-.00108	2.64694
.980	12.072	-.02135	.68084	.10315	-.04489	.64421	.24326	-.00226	-.00006	-.00067	2.64819
.978	15.095	-.02396	.82141	.10616	-.05071	.76543	.31640	-.00446	.00065	-.00012	2.41917
	GRADIENT	-.00202	.06466	-.00093	-.00963	.06262	.00107	-.00014	.00000	-.00004	.52974

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN021) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 57/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.604	.154	.00256	.04406	.06509	-.01374	.04389	.06520	-.00133	.00050	-.00003	.67307
.602	2.669	-.00207	.16820	.06102	-.01631	.16517	.06879	-.00232	.00061	.00034	2.40131
.601	5.170	-.00761	.29519	.05141	-.01952	.28936	.07780	-.00227	.00053	.00014	3.71920
.601	8.176	-.01368	.45728	.03331	-.02339	.44790	.09801	-.00315	.00082	.00022	4.56986
.600	10.175	-.01831	.56221	.01969	-.02380	.54989	.11870	-.00273	.00073	.00023	4.63278
.601	12.175	-.02090	.67577	.00783	-.02597	.65892	.15017	-.00375	.00083	.00065	4.38779
.598	15.159	-.03050	.82662	.01946	-.03055	.79277	.23493	-.00281	.00085	-.00034	3.37443
	GRADIENT	-.00184	.04936	-.00162	-.00102	.04822	.00143	-.00039	.00004	.00015	.68717

RUN NO. 63/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.803	.111	.00424	.03873	.07083	-.01149	.03853	.07090	-.00190	.00033	.00035	.54431
.802	2.583	-.00048	.17616	.06746	-.01823	.17294	.07533	-.00241	.00044	.00026	2.29574
.799	5.075	-.00558	.32534	.05966	-.02597	.31879	.08820	-.00268	.00058	.00036	3.61437
.798	8.109	-.01243	.48138	.05308	-.02980	.46908	.12045	-.00305	.00050	-.00033	3.89432
.802	10.095	-.02084	.57814	.05240	-.02937	.56001	.15293	-.00142	.00002	-.00144	3.66176
.802	12.104	-.02680	.67114	.05418	-.03102	.64486	.19371	-.00196	.00015	-.00196	3.32904
.798	15.090	-.02418	.82840	.06461	-.04996	.78302	.27805	-.00428	.00088	.00052	2.81612
	GRADIENT	-.00191	.05559	-.00136	-.00273	.05435	.00179	-.00021	.00004	-.00004	.70851

RUN NO. 62/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	.101	.00398	.01219	.08256	.00119	.01205	.08258	-.00144	.00025	-.00040	.14589
.903	2.620	.00001	.16943	.08067	-.01295	.16557	.08833	-.00271	.00045	-.00032	1.87435
.899	5.117	-.00405	.31170	.07871	-.02202	.30344	.10620	-.00344	.00055	.00009	2.85729
.900	8.111	-.01261	.46679	.07864	-.03094	.45103	.14372	-.00285	.00050	-.00050	3.13831
.901	10.121	-.01698	.57853	.07895	-.03964	.55565	.17938	-.00299	.00064	-.00036	3.09767
.899	12.170	-.02665	.69028	.08053	-.05032	.65779	.22425	-.00235	.00076	-.00148	2.93334
.901	15.106	-.02279	.83485	.08842	-.06761	.78296	.30293	-.00460	.00117	.00065	2.58461
	GRADIENT	-.00158	.06242	-.00075	-.00561	.06094	.00228	-.00050	.00008	.00003	.68617

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN021) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 115/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.949	.055	.00567	.01031	.10735	-.00099	.01020	.10736	-.00226	.00026	-.00055	.09503
.950	2.582	.00092	.17999	.10604	-.02485	.17503	.11405	-.00292	.00033	-.00057	1.53474
.948	5.069	-.00482	.33706	.10130	-.04753	.32679	.13069	-.00339	.00058	-.00065	2.50049
.947	8.079	-.01385	.52169	.09577	-.06937	.50305	.16814	-.00233	.00054	-.00071	2.99190
.951	10.059	-.02058	.63550	.09605	-.08279	.60896	.20557	-.00093	-.00013	-.00122	2.96224
.950	12.071	-.01940	.74501	.09431	-.09202	.70881	.24802	-.00281	.00003	-.00030	2.85786
.950	15.076	-.04653	.88774	.10124	-.09761	.83085	.32866	-.00123	.00492	-.00100	2.52801
	GRADIENT	-.00188	.06715	-.00052	-.00944	.06523	.00265	-.00026	.00003	-.00001	.56973

RUN NO. 112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.272	.086	.00527	.02996	.14864	-.00478	.02973	.14869	-.00124	-.00008	-.00010	.19997
1.272	2.560	.00092	.17619	.14932	-.03396	.16934	.15704	-.00179	-.00001	-.00006	1.07838
1.269	5.083	-.00530	.31582	.14885	-.05946	.30139	.17625	-.00167	.00008	-.00013	1.71004
1.266	8.097	-.01196	.48323	.14539	-.08666	.45793	.21200	-.00178	.00013	-.00019	2.16004
1.270	10.079	-.01486	.59045	.14317	-.10089	.55628	.24429	-.00204	.00010	.00003	2.27718
1.269	12.049	-.01878	.68524	.14096	-.11082	.64072	.28091	-.00235	.00020	.00001	2.28089
1.263	15.063	-.02240	.84148	.13625	-.12129	.77716	.35026	-.00290	.00031	.00038	2.21883
	GRADIENT	-.00176	.05911	.00027	-.01179	.05643	.00338	-.00022	.00003	.00002	.35506

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN023) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 46/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.602	.177	.00547	-.14114	.06360	.08147	-.14133	.06316	-.01030	.00409	.01189	-2.23770
.600	2.685	.00637	-.01926	.06013	.07965	-.02206	.05916	-.01211	.00422	.01201	-.37286
.602	5.208	.00756	.10538	.05133	.07703	.10028	.06068	-.01417	.00446	.01219	1.65264
.601	7.686	.00957	.23338	.03767	.07423	.22624	.06855	-.01688	.00494	.01274	3.30043
.600	10.219	.01130	.36970	.02087	.07337	.36013	.08613	-.01922	.00542	.01314	4.18153
	GRADIENT	.00036	.04860	-.00138	-.00073	.04756	-.00159	-.00072	.00005	.00005	.74356

RUN NO. 118/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.799	.064	.00748	-.15341	.07226	.09179	-.15349	.07208	-.01110	.00451	.00940	-2.12930
.801	2.579	.01002	-.01779	.06914	.08646	-.02088	.06827	-.01283	.00464	.00925	-.30586
.802	5.084	.01246	.12214	.06049	.08022	.11630	.07108	-.01441	.00474	.00932	1.63624
.798	8.077	.01489	.29626	.05111	.07006	.28614	.09223	-.01568	.00443	.00909	3.10240
.798	10.087	.01647	.39400	.04980	.06965	.37919	.11803	-.01619	.00476	.00979	3.21259
.804	12.098	.00990	.49255	.05288	.06920	.47052	.15493	-.01447	.00463	.00809	3.03696
.799	15.074	.00987	.64774	.05767	.05475	.61045	.22415	-.01395	.00468	.00866	2.72346
	GRADIENT	.00101	.05392	-.00124	-.00212	.05273	-.00151	-.00069	.00005	-.00006	.72503

RUN NO. 44/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.271	.121	.00509	-.04544	.15050	.05528	-.04576	.15040	-.00806	.00404	.00652	-.30426
1.273	2.618	.00627	.09589	.14849	.02633	.08901	.15271	-.00772	.00349	.00613	.58286
1.271	5.132	.00527	.24069	.14498	.00042	.22676	.16592	-.00627	.00278	.00597	1.36666
1.270	7.615	.00553	.37439	.14029	-.01993	.35250	.18866	-.00538	.00220	.00615	1.86838
1.269	10.126	.00597	.51261	.13556	-.03568	.48079	.22357	-.00519	.00187	.00608	2.15053
1.272	12.632	.00674	.64571	.13307	-.05009	.60099	.27105	-.00466	.00154	.00631	2.21722
1.268	15.121	.00372	.75992	.13066	-.05778	.69953	.32436	-.00546	.00173	.00550	2.15662
	GRADIENT	.00047	.05660	-.00080	-.01159	.05397	.00093	.00014	-.00022	-.00016	.35527

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN025) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 47/ 0 RN/L = 3.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.598	.184	.00751	-.04262	.06227	.03277	-.04282	.06213	-.01113	.00342	.01232	-.68914
.604	2.701	.00918	.08015	.05852	.03082	.07730	.06224	-.01352	.00372	.01272	1.24207
.601	5.220	.01029	.20589	.04888	.02808	.20059	.06741	-.01538	.00403	.01303	2.97580
.601	7.696	.01227	.33925	.03455	.02483	.33156	.07967	-.01773	.00429	.01326	4.16168
.603	10.196	.01286	.47236	.01746	.02391	.46181	.10080	-.01897	.00450	.01309	4.58135
.602	12.716	.01190	.61290	.00710	.02069	.59630	.14184	-.01642	.00261	.01257	4.20399
.600	15.216	.00595	.74245	.01374	.01501	.71282	.20812	-.01727	.00357	.01069	3.42502
	GRADIENT	.00066	.04878	-.00149	-.00077	.04772	.00004	-.00095	.00012	.00016	.76727

RUN NO. 119/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.800	.074	.01273	-.05861	.06827	.04093	-.05870	.06819	-.01373	.00405	.01218	-.86082
.800	2.591	.01657	.07579	.06504	.03576	.07278	.06840	-.01514	.00427	.01268	1.06403
.801	5.083	.02241	.22276	.05723	.02879	.21681	.07674	-.01728	.00438	.01312	2.82515
.800	8.082	.01992	.38599	.04921	.02009	.37524	.10299	-.01570	.00360	.01057	3.64343
.800	10.088	.01988	.48098	.04765	.01991	.46519	.13116	-.01567	.00362	.01029	3.54674
.799	12.083	.01732	.57680	.04817	.02004	.55394	.16785	-.01486	.00349	.00957	3.30024
.799	15.100	.02196	.73385	.05701	.00310	.69366	.24621	-.01538	.00370	.01077	2.81733
	GRADIENT	.00153	.05340	-.00128	-.00205	.05224	.00008	-.00056	.00009	.00020	.76474

RUN NO. 45/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.270	.100	.00440	-.00702	.14830	.02628	-.00727	.14829	-.00386	.00166	.00624	-.04905
1.271	2.652	.00646	.14309	.14730	-.00398	.13612	.15376	-.00383	.00107	.00626	.88529
1.270	5.139	.00807	.28184	.14529	-.02885	.26769	.16995	-.00360	.00063	.00659	1.57510
1.268	7.625	.00912	.41908	.14143	-.04983	.39661	.19579	-.00361	.00042	.00661	2.02565
1.274	10.139	.01045	.55557	.13774	-.06740	.52264	.23339	-.00381	.00015	.00649	2.23939
1.269	12.662	.01272	.68605	.13494	-.07917	.63979	.28204	-.00410	.00026	.00695	2.26847
1.268	15.130	.01008	.79955	.13253	-.08688	.73725	.33663	-.00456	.00032	.00617	2.19010
	GRADIENT	.00081	.05882	-.00039	-.01186	.05619	.00214	.00001	-.00023	.00001	.36612

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN027) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 49/ 0 RN/L = 3.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.603	.168	.00899	.05136	.06607	-.01483	.05117	.06622	-.01113	.00265	.01139	.77277
.600	2.689	.00936	.17540	.06174	-.01794	.17232	.06990	-.01259	.00282	.01185	2.46510
.600	5.205	.01135	.30629	.05173	-.02171	.30033	.07931	-.01536	.00315	.01242	3.78701
.601	7.722	.01270	.44298	.03685	-.02615	.43401	.09604	-.01729	.00345	.01277	4.51906
.601	10.182	.01581	.57241	.02017	-.02687	.55983	.12103	-.01947	.00372	.01386	4.62543
.599	12.685	.01497	.71326	.01079	-.03054	.69348	.16716	-.01810	.00253	.01326	4.14872
.601	15.191	.00715	.83251	.02096	-.03131	.79792	.23839	-.01731	.00302	.01070	3.34720
	GRADIENT	.00015	.04920	-.00172	-.00123	.04806	.00146	-.00058	.00007	.00018	.67129

RUN NO. 120/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.798	.077	.01422	.03685	.07174	-.01254	.03673	.07179	-.01269	.00287	.01119	.51196
.800	2.601	.01795	.17566	.06861	-.01969	.17236	.07651	-.01423	.00305	.01196	2.25279
.798	5.087	.02227	.32524	.06103	-.02840	.31855	.08963	-.01597	.00329	.01242	3.55400
.801	8.067	.02294	.48423	.05470	-.03473	.47177	.12211	-.01622	.00292	.01071	3.86335
.799	10.054	.02267	.57184	.05241	-.03199	.55391	.15143	-.01610	.00291	.01042	3.65776
.799	12.085	.02216	.66744	.05456	-.03245	.64123	.19309	-.01567	.00300	.01037	3.32080
.800	15.085	.02559	.81293	.06307	-.04817	.76850	.27246	-.01633	.00305	.01087	2.82056
	GRADIENT	.00148	.05500	-.00124	-.00283	.05373	.00187	-.00061	.00007	.00031	.68971

RUN NO. 48/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.269	.119	.00653	.03567	.15054	-.00562	.03536	.15061	-.00188	-.00014	.00672	.23474
1.273	2.636	.00782	.18501	.15121	-.03578	.17786	.15956	-.00193	-.00039	.00660	1.11471
1.271	5.113	.01040	.32197	.14986	-.06134	.30734	.17796	-.00280	-.00047	.00665	1.72699
1.269	7.618	.01335	.46219	.14729	-.08377	.43858	.20726	-.00346	-.00061	.00692	2.11606
1.270	10.130	.01675	.59935	.14371	-.10123	.56473	.24689	-.00377	-.00085	.00732	2.28739
1.272	12.666	.01865	.72783	.14089	-.11428	.67922	.29704	-.00407	-.00096	.00733	2.28662
1.267	15.131	.01873	.84602	.13767	-.12232	.78075	.35372	-.00388	-.00127	.00708	2.20724
	GRADIENT	.00051	.05933	.00027	-.01198	.05662	.00356	-.00002	-.00010	-.00005	.34961

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN029) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 53/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.600	.183	-.00086	-.04239	.06333	.03371	-.04259	.06319	.01522	-.00780	.00570	-.67397
.600	2.682	-.00276	.08089	.05839	.03101	.07807	.06211	.01296	-.00734	.00553	1.25686
.602	5.203	-.00634	.20755	.04919	.02793	.20223	.06781	.01252	-.00708	.00540	2.98256
.601	8.201	-.01092	.36911	.03189	.02350	.36079	.08422	.01147	-.00663	.00482	4.28398
.601	10.205	-.01333	.47520	.01788	.02408	.46452	.10179	.01067	-.00639	.00489	4.56345
.600	12.207	-.01535	.58234	.00536	.02374	.56804	.12837	.00976	-.00635	.00491	4.42502
.599	15.208	-.02501	.74546	.00975	.01691	.71680	.20495	.01340	-.00775	.00330	3.49738
	GRADIENT	-.00076	.04933	-.00198	-.00108	.04828	-.00043	-.00090	.00018	-.00007	.77264

RUN NO. 117/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.802	.081	-.00123	-.06149	.06836	.04267	-.06153	.06827	.01620	-.00876	.00542	-.90201
.805	2.581	-.00210	.07251	.06506	.03789	.06951	.06825	.01444	-.00826	.00548	1.01836
.799	5.077	-.00297	.22082	.05699	.03018	.21491	.07631	.01230	-.00769	.00507	2.81629
.798	8.072	-.00719	.38897	.04909	.01986	.37823	.10322	.01193	-.00760	.00427	3.66418
.799	10.109	-.00914	.48488	.04786	.01952	.46895	.13223	.01141	-.00745	.00432	3.54652
.799	12.074	-.01452	.57619	.04874	.02075	.55325	.16819	.01156	-.00737	.00340	3.28950
.799	15.092	-.01448	.72793	.05563	.00516	.68834	.24324	.01146	-.00738	.00459	2.82985
	GRADIENT	-.00035	.05360	-.00132	-.00191	.05244	-.00001	-.00070	.00020	.00002	.76815

RUN NO. 116/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.899	2.571	.00118	.10334	.07994	.02845	.09965	.08450	.01306	-.00840	.00567	1.17933
.902	5.082	.00092	.22971	.08025	.02907	.22170	.10029	.01127	-.00795	.00534	2.21062
.898	8.051	-.00875	.38142	.07604	.01982	.36701	.12871	.01234	-.00761	.00325	2.85141
.899	10.061	-.00622	.48886	.07554	.01384	.46815	.15978	.01025	-.00718	.00427	2.92990
.901	12.067	-.01014	.59909	.07681	.00236	.56979	.20035	.00954	-.00664	.00378	2.84396
.901	15.097	-.01013	.73326	.08037	-.00791	.68702	.26858	.00809	-.00598	.00452	2.55802
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN029) (31 OCT 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 58/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.249	.091	.00127	-.01212	.14622	.03081	-.01235	.14620	.01040	-.00623	.00415	-.08446
1.252	2.596	-.00081	.12938	.14452	.00229	.12271	.15023	.00996	-.00599	.00391	.81676
1.252	5.143	-.00274	.27710	.14280	-.02478	.26318	.16707	.00926	-.00580	.00355	1.57529
1.251	8.103	-.00514	.43997	.13928	-.04948	.41594	.19991	.00814	-.00546	.00328	2.08062
1.249	10.094	-.00854	.54878	.13627	-.06136	.51641	.23034	.00799	-.00530	.00297	2.24191
1.249	12.089	-.00984	.65455	.13451	-.07094	.61186	.26861	.00739	-.00509	.00307	2.27786
1.250	15.130	-.01260	.79397	.13186	-.08009	.73204	.33452	.00690	-.00494	.00311	2.18832
	GRADIENT	-.00083	.05649	-.00068	-.01139	.05392	.00161	-.00018	.00010	-.00010	.35977

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN031) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	.000
PHI =	.000		

RUN NO. 129/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	.134	.00357	-.05681	.10317	.06188	-.05705	.10304	-.00052	-.00023	.00091	-.55370
.900	2.647	.00113	.09074	.10083	.05395	.08599	.10491	-.00224	-.00001	.00084	.81959
.900	5.156	-.00435	.21841	.10064	.05395	.20849	.11986	-.00173	-.00025	.00055	1.73935
.900	8.148	-.01398	.37586	.09717	.04319	.35830	.14946	-.00133	-.00006	-.00054	2.39726
.900	10.146	-.01588	.47750	.09490	.03689	.45332	.17753	-.00157	-.00015	.00023	2.55344
.900	12.137	-.02280	.58842	.09488	.02476	.55531	.21648	-.00098	.00009	-.00009	2.56525
.899	15.133	-.02311	.72299	.09725	.01225	.67253	.28262	-.00347	.00061	.00072	2.37960
	GRADIENT	-.00097	.05871	-.00093	-.00316	.05692	.00074	-.00068	.00009	-.00003	.54647

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN031) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 125/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.951	.123	.00516	-.05376	.12248	.06316	-.05403	.12236	-.00136	-.00019	.00032	-.44153
.954	2.647	-.00031	.11009	.12196	.04078	.10434	.12691	-.00131	-.00017	.00012	.82215
.953	5.138	-.00487	.27104	.11716	.01741	.25946	.14096	-.00211	.00010	.00013	1.84060
.948	8.138	-.01472	.44143	.10906	.00150	.42155	.17045	-.00044	-.00024	-.00048	2.47314
.950	10.169	-.01997	.55710	.10693	-.00980	.52947	.20361	.00036	-.00071	-.00065	2.60047
.948	12.149	-.02146	.65730	.10549	-.01682	.62037	.24146	-.00078	-.00037	-.00006	2.56929
.950	15.129	-.04741	.79582	.11080	-.02221	.73932	.31467	.00094	.00415	-.00076	2.34951
	GRADIENT	-.00217	.06492	-.00021	-.00887	.06275	.00180	.00002	.00001	-.00008	.50067

RUN NO. 124/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.979	.124	.00488	-.05658	.13518	.07020	-.05683	.13506	-.00115	-.00020	.00028	-.42113
.983	2.647	-.00079	.10771	.13426	.04555	.10140	.13909	-.00106	-.00016	.00004	.72899
.980	5.151	-.00559	.27188	.13100	.01954	.25902	.15488	-.00176	-.00003	-.00025	1.67237
.978	8.148	-.01164	.45099	.12446	-.00443	.42880	.18712	-.00187	-.00007	-.00012	2.29159
.980	10.150	-.01841	.56620	.12341	-.01716	.53559	.22125	-.00104	-.00034	-.00069	2.42071
.980	12.134	-.02128	.66602	.12165	-.02583	.62557	.25893	-.00156	-.00035	-.00047	2.41597
.980	15.143	-.02382	.81566	.12468	-.03263	.75477	.33342	-.00314	.00010	.00013	2.26373
	GRADIENT	-.00225	.06512	-.00036	-.00977	.06273	.00160	.00004	.00002	-.00010	.45585

RUN NO. 121/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.251	.124	.00356	-.03097	.16850	.06076	-.03133	.16843	-.00040	-.00015	.00027	-.18603
1.253	2.632	-.00290	.11045	.16601	.03121	.10271	.17091	.00005	-.00014	.00002	.60094
1.252	5.149	-.00693	.25663	.16271	.00301	.24100	.18509	-.00037	-.00012	.00031	1.30206
1.248	8.142	-.01191	.42426	.15748	-.02384	.39767	.21598	-.00123	-.00003	.00013	1.84122
1.249	10.157	-.01667	.53211	.15352	-.03676	.49670	.24495	-.00086	-.00014	.00011	2.02775
1.246	12.142	-.02039	.63659	.15072	-.04765	.59065	.28125	-.00149	-.00004	-.00006	2.10011
1.237	15.126	-.02336	.77944	.14551	-.05589	.71446	.34385	-.00187	.00011	.00056	2.07781
	GRADIENT	-.00258	.05639	-.00099	-.01178	.05344	.00099	.00018	.00000	-.00010	.31378

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN032) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = 5.000
PHI = .000

RUN NO. 128/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.903	.143	-.00138	-.05367	.10586	.06186	-.05394	.10572	.01416	-.00760	.00483	-.51018
.903	2.653	-.00185	.09228	.10285	.05315	.08742	.10701	.01216	-.00708	.00444	.81694
.901	5.133	-.00673	.22107	.10136	.05264	.21112	.12073	.01217	-.00704	.00277	1.74861
.900	8.140	-.01187	.37195	.09759	.04409	.35438	.14927	.01133	-.00643	.00257	2.37408
.900	10.135	-.01191	.47664	.09566	.03749	.45237	.17804	.01040	-.00623	.00330	2.54081
.900	12.109	-.01527	.58682	.09556	.02549	.55372	.21653	.00903	-.00556	.00288	2.55727
.899	15.134	-.01497	.72520	.09835	.01199	.67437	.28427	.00702	-.00481	.00367	2.37225
	GRADIENT	-.00019	.05815	-.00120	-.00347	.05632	.00051	-.00080	.00021	-.00016	.52873

RUN NO. 126/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.951	.136	.00158	-.05327	.12390	.06465	-.05353	.12377	.01117	-.00678	.00455	-.43273
.951	2.640	.00041	.10812	.12139	.04139	.10241	.12624	.00965	-.00628	.00424	.81125
.950	5.139	-.00122	.27064	.11696	.01852	.25908	.14073	.00843	-.00580	.00424	1.84095
.951	8.149	-.00937	.44320	.11068	.00074	.42303	.17239	.00990	-.00595	.00298	2.45397
.952	10.151	-.01287	.55927	.10932	-.01195	.53125	.20617	.01075	-.00641	.00278	2.57671
.947	12.155	-.01422	.65781	.10620	-.01474	.62071	.24233	.00937	-.00598	.00284	2.56142
.951	15.151	-.03729	.80047	.11148	-.02299	.74351	.31682	.01134	-.00146	.00239	2.34678
	GRADIENT	-.00047	.06445	-.00100	-.00929	.06229	.00099	-.00061	.00020	-.00012	.49680

RUN NO. 123/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.979	.134	.00176	-.05549	.13670	.07143	-.05581	.13656	.01088	-.00666	.00457	-.40869
.981	2.654	.00030	.10797	.13606	.04681	.10155	.14092	.00994	-.00640	.00416	.72064
.980	5.132	-.00195	.26898	.13228	.02125	.25607	.15581	.00957	-.00629	.00404	1.64343
.980	8.118	-.00462	.44800	.12746	-.00309	.42551	.18944	.00917	-.00629	.00386	2.24617
.982	10.159	-.00801	.56330	.12602	-.01512	.53224	.22340	.00955	-.00639	.00360	2.38246
.981	12.142	-.00927	.66454	.12383	-.02542	.62363	.26083	.00909	-.00642	.00361	2.39094
.982	15.124	-.01040	.81631	.12641	-.03218	.75505	.33501	.00767	-.00590	.00387	2.25381
	GRADIENT	-.00058	.06487	-.00025	-.00977	.06244	.00173	-.00037	.00010	-.00016	.44815

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN032) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = 5.000
PHI = .000

RUN NO. 122/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.251	.131	.00088	-.02888	.16883	.05960	-.02927	.16876	.00965	-.00565	.00377	-.17343
1.251	2.629	-.00157	.11720	.16736	.02922	.10940	.17256	.00981	-.00571	.00378	.63394
1.251	5.140	-.00306	.26080	.16395	.00152	.24506	.18666	.00908	-.00562	.00347	1.31291
1.249	8.136	-.00502	.42754	.15892	-.02539	.40075	.21783	.00820	-.00535	.00351	1.83972
1.248	10.147	-.00766	.53627	.15476	-.03820	.50062	.24682	.00779	-.00527	.00313	2.02832
1.246	12.132	-.00875	.63602	.15180	-.04877	.58991	.28208	.00658	-.00500	.00299	2.09129
1.236	15.148	-.00874	.78476	.14627	-.05691	.71928	.34625	.00621	-.00487	.00363	2.07735
	GRADIENT	-.00098	.05848	-.00059	-.01216	.05551	.00152	.00006	-.00002	.00000	.32321

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN033) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 51/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.599	-20.015	5.21759	-.09095	.08764	.16846	-.09855	.07900	-.00100	.00069	.00076	-1.24737
.600	-15.008	5.20675	-.06197	.07052	.15526	-.06812	.06460	-.00061	.00055	.00100	-1.05442
.600	-12.521	5.20572	-.03100	.06336	.14093	-.03663	.06029	-.00080	.00058	.00080	-.60749
.600	-9.996	5.20877	.01164	.05803	.12203	.00632	.05885	-.00095	.00056	.00048	.10747
.601	-5.027	5.19605	.10505	.05109	.07783	.09999	.06040	-.00108	.00044	.00029	1.65561
.602	-4.010	5.20779	.12311	.05036	.06872	.11803	.06133	-.00187	.00052	.00035	1.92451
.601	-2.013	5.20251	.16559	.04894	.04867	.16047	.06376	-.00203	.00057	.00039	2.51696
.601	-.999	5.20448	.18570	.04868	.03801	.18052	.06533	-.00221	.00059	.00051	2.76337
.601	-.002	5.20774	.20621	.04862	.02770	.20095	.06714	-.00199	.00050	.00055	2.99320
.600	1.964	5.20596	.24637	.04903	.00699	.24090	.07118	-.00150	.00039	.00018	3.38420
.601	4.000	5.21869	.28501	.05011	-.01127	.27927	.07583	-.00253	.00055	.00052	3.68295
.600	5.002	5.21457	.30298	.05108	-.02054	.29709	.07840	-.00262	.00054	.00030	3.78935
.601	9.994	5.21025	.40463	.05931	-.07080	.39757	.09581	-.00286	.00063	.00078	4.14959
.601	12.514	5.19666	.44762	.06547	-.09439	.43985	.10575	-.00288	.00051	.00083	4.15947
.599	15.001	5.19902	.49549	.07305	-.11879	.48683	.11765	-.00311	.00049	.00071	4.13794
	GRADIENT	.00132	.02022	-.00001	-.01008	.02014	.00184	-.00003	-.00001	.00000	.21760

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN033) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 110/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.799	-20.035	5.13762	-.03803	.09319	.15912	-.04622	.08941	-.00008	.00031	.00052	-.51698
.801	-15.023	5.13198	.00163	.08242	.14327	-.00575	.08224	-.00073	.00045	.00048	-.06986
.802	-12.521	5.14425	.03206	.07554	.12934	.02516	.07811	-.00103	.00056	.00055	.32208
.802	-10.025	5.13861	.05694	.06943	.11589	.05049	.07425	-.00082	.00043	.00014	.68003
.801	-5.252	5.14053	.11528	.05969	.08654	.10947	.06978	-.00110	.00031	-.00045	1.56870
.801	-4.027	5.13560	.13549	.05802	.07630	.12975	.06991	-.00157	.00045	-.00007	1.85589
.802	-2.007	5.10984	.17930	.05641	.05352	.17357	.07215	-.00207	.00057	.00018	2.40546
.801	-1.022	5.12972	.20292	.05567	.04177	.19713	.07359	-.00256	.00053	.00012	2.67868
.800	-.015	5.12120	.22667	.05569	.02896	.22079	.07570	-.00276	.00060	.00025	2.91655
.800	1.992	5.11939	.27154	.05646	.00445	.26542	.08047	-.00245	.00048	-.00004	3.29842
.799	4.014	5.11359	.31202	.05816	-.01774	.30559	.08574	-.00242	.00049	-.00003	3.56402
.801	5.009	5.11341	.32994	.05971	-.02814	.32331	.08888	-.00297	.00058	.00011	3.63763
.800	10.018	5.11490	.43279	.07077	-.08669	.42473	.10907	-.00303	.00061	-.00032	3.89431
.800	12.526	5.10011	.47721	.07874	-.11425	.46842	.12085	-.00317	.00065	-.00053	3.87534
.801	15.014	5.09975	.51643	.08849	-.13852	.50652	.13404	-.00331	.00065	-.00088	3.77881
	GRADIENT	-.00189	.02217	.00004	-.01182	.02208	.00202	-.00010	-.00000	-.00001	.21275

RUN NO. 103/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	-20.040	5.12906	.07006	.19122	.13524	.05269	.19672	-.00286	.00057	.00035	.26783
1.052	-15.025	5.12666	.12274	.17541	.10674	.10658	.18567	-.00326	.00079	.00023	.57400
1.050	-12.522	5.12769	.14864	.16608	.09144	.13320	.17871	-.00386	.00111	.00033	.74539
1.053	-10.009	5.12241	.18171	.15965	.06958	.16673	.17524	-.00339	.00097	-.00008	.95147
1.051	-5.009	5.10920	.24502	.15027	.02636	.23066	.17149	-.00322	.00074	.00000	1.34503
1.050	-4.015	5.11265	.25635	.14873	.01860	.24207	.17098	-.00204	.00041	-.00042	1.41582
1.051	-2.011	5.11977	.27862	.14679	.00238	.26441	.17107	-.00216	.00049	-.00034	1.54565
1.051	-1.002	5.12651	.29061	.14689	-.00570	.27633	.17227	-.00287	.00057	-.00051	1.60401
1.051	.002	5.12519	.30001	.14722	-.01317	.28565	.17343	-.00284	.00057	-.00044	1.64709
1.050	2.002	5.11767	.32068	.14812	-.02893	.30619	.17613	-.00309	.00057	-.00041	1.73844
1.050	4.016	5.12492	.34309	.15080	-.04567	.32825	.18085	-.00315	.00063	-.00055	1.81510
1.049	5.010	5.09891	.35323	.15200	-.05440	.33833	.18279	-.00361	.00070	-.00057	1.85089
1.049	10.022	5.11595	.42506	.16117	-.10855	.40900	.19843	-.00344	.00067	-.00063	2.06119
1.050	12.519	5.09557	.46004	.16789	-.13313	.44331	.20809	-.00441	.00067	-.00024	2.13041
1.050	15.030	5.10882	.50127	.17625	-.16028	.48358	.22018	-.00454	.00071	-.00039	2.19626
	GRADIENT	.00096	.01070	.00030	-.00796	.01063	.00126	-.00015	.00002	-.00001	.04895

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 39/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.099	-20.046	5.14648	.06404	.19189	.13249	.04657	.19686	-.00457	.00132	-.00003	.23655
1.100	-15.009	5.14726	.11709	.17294	.10373	.10110	.18275	-.00519	.00147	.00032	.55323
1.101	-12.509	5.14506	.14187	.16523	.08910	.12648	.17729	-.00476	.00154	.00008	.71340
1.101	-9.997	5.12866	.17249	.15788	.06930	.15769	.17267	-.00514	.00158	-.00018	.91326
1.102	-5.011	5.15014	.23666	.14887	.02607	.22235	.16952	-.00386	.00115	.00004	1.31165
1.102	-4.033	5.12576	.24517	.14803	.01932	.23097	.16934	-.00331	.00094	-.00028	1.36395
1.100	-2.004	5.14038	.26983	.14504	.00171	.25575	.16863	-.00365	.00099	-.00007	1.51659
1.100	-.999	5.14053	.28120	.14466	-.00598	.26711	.16928	-.00331	.00091	-.00042	1.57795
1.100	.001	5.12417	.29097	.14508	-.01362	.27685	.17049	-.00385	.00095	-.00024	1.62386
1.100	1.996	5.12453	.31115	.14707	-.02954	.29677	.17428	-.00350	.00083	-.00041	1.70288
1.100	4.004	5.14218	.33421	.14965	-.04580	.31946	.17900	-.00368	.00087	-.00044	1.78469
1.101	5.015	5.11138	.34414	.15118	-.05424	.32930	.18123	-.00413	.00095	-.00035	1.81698
1.100	9.997	5.14048	.41427	.16149	-.10685	.39813	.19796	-.00422	.00101	-.00050	2.01124
1.100	12.511	5.14999	.44865	.16754	-.13104	.43180	.20713	-.00458	.00088	-.00019	2.08468
1.099	15.013	5.11052	.48695	.17570	-.15707	.46937	.21837	-.00533	.00106	-.00045	2.14938
	GRADIENT	.00065	.01089	.00030	-.00804	.01082	.00128	-.00003	-.00001	-.00003	.05061

RUN NO. 35/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.201	-20.023	5.12163	.11109	.16532	.09000	.09589	.17458	-.00254	.00098	.00034	.54927
1.202	-15.016	5.14563	.15476	.14918	.06426	.14076	.16246	-.00291	.00127	.00066	.86643
1.201	-12.519	5.11166	.17538	.14306	.05116	.16194	.15812	-.00240	.00093	.00042	1.02416
1.202	-10.000	5.12651	.19875	.13886	.03621	.18555	.15606	-.00222	.00085	.00031	1.18892
1.200	-5.011	5.13366	.24029	.13151	.00814	.22756	.15249	-.00172	.00070	.00024	1.49234
1.200	-4.005	5.13893	.24858	.13055	.00297	.23589	.15229	-.00189	.00058	.00001	1.54892
1.199	-2.015	5.13357	.26497	.12963	-.00895	.25231	.15282	-.00166	.00056	-.00005	1.65106
1.201	-1.007	5.13695	.27374	.12973	-.01578	.26102	.15372	-.00143	.00050	-.00008	1.69803
1.200	.021	5.12401	.28281	.13005	-.02276	.27006	.15479	-.00145	.00049	-.00016	1.74466
1.201	2.018	5.13266	.30163	.13157	-.03641	.28865	.15803	-.00169	.00055	-.00008	1.82660
1.199	3.999	5.13819	.32004	.13381	-.05030	.30677	.16194	-.00186	.00060	-.00018	1.89437
1.200	5.031	5.12706	.32826	.13555	-.05789	.31483	.16434	-.00208	.00064	-.00011	1.91577
1.200	10.017	5.13709	.38459	.14395	-.10144	.37016	.17780	-.00259	.00062	-.00011	2.08184
1.201	12.513	5.13577	.41235	.15019	-.12269	.39725	.18649	-.00220	.00053	-.00006	2.13007
1.201	15.040	5.11449	.44333	.15832	-.14553	.42745	.19721	-.00298	.00059	-.00031	2.16752
	GRADIENT	-.00019	.00898	.00044	-.00670	.00890	.00124	-.00000	.00000	-.00002	.04306

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN033) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 52/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.272	-20.044	5.14979	.13302	.17697	.06821	.11660	.18820	-.00097	.00044	.00052	.61954
1.269	-15.023	5.15769	.16807	.16210	.04962	.15282	.17655	-.00141	.00058	.00058	.86558
1.269	-12.495	5.14642	.18784	.15705	.03727	.17300	.17326	-.00121	.00043	.00031	.99848
1.270	-10.004	5.12897	.20616	.15212	.02484	.19173	.16994	-.00082	.00041	.00033	1.12821
1.270	-5.003	5.12789	.24231	.14538	.00003	.22834	.16645	-.00090	.00028	.00029	1.37184
1.270	-4.029	5.13235	.24911	.14448	-.00444	.23519	.16619	-.00054	.00021	.00014	1.41520
1.270	-2.012	5.12864	.26416	.14329	-.01561	.25029	.16633	-.00057	.00012	.00013	1.50478
1.270	-1.004	5.12970	.27186	.14326	-.02148	.25797	.16700	-.00077	.00014	.00007	1.54472
1.269	-.007	5.13347	.28094	.14377	-.02788	.26695	.16833	-.00052	.00009	.00008	1.58587
1.270	1.999	5.13208	.29755	.14585	-.04043	.28331	.17188	-.00076	.00011	.00011	1.64834
1.270	3.996	5.11431	.31284	.14864	-.05311	.29834	.17593	-.00078	.00005	-.00006	1.69578
1.272	5.018	5.11603	.32086	.14999	-.05948	.30621	.17800	-.00096	.00016	-.00007	1.72027
1.271	10.007	5.12402	.36931	.15873	-.09808	.35365	.19108	-.00156	.00017	.00003	1.85085
1.272	12.498	5.11488	.39518	.16442	-.11764	.37895	.19899	-.00170	.00012	.00026	1.90433
1.272	15.030	5.11428	.42195	.17240	-.13923	.40490	.20933	-.00183	.00022	-.00009	1.93429
	GRADIENT	-.00162	.00804	.00057	-.00610	.00796	.00128	-.00003	-.00002	-.00002	.03494

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.602	-20.030	5.20060	-.09054	.08697	.16778	-.09805	.07841	-.00174	.00058	.00031	-1.25045
.601	-15.052	5.20077	-.06300	.07027	.15507	-.06911	.06427	-.00133	.00058	.00070	-1.07525
.601	-12.498	5.21051	-.03191	.06321	.14085	-.03752	.06006	-.00171	.00061	.00072	-.62474
.599	-9.993	5.20883	.00982	.05781	.12172	.00454	.05847	-.00192	.00062	.00049	.07757
.600	-5.004	5.19646	.10054	.05099	.07790	.09551	.05988	-.00251	.00067	.00059	1.59492
.601	-4.021	5.19337	.11972	.05027	.06899	.11468	.06090	-.00202	.00054	.00036	1.88301
.601	-1.979	5.20178	.16241	.04885	.04817	.15731	.06338	-.00250	.00065	.00043	2.48221
.601	-.999	5.20417	.18302	.04860	.03839	.17785	.06500	-.00305	.00058	.00027	2.73615
.601	-.004	5.21133	.20507	.04839	.02755	.19983	.06681	-.00351	.00067	.00064	2.99093
.601	1.996	5.19478	.24440	.04913	.00700	.23894	.07106	-.00337	.00061	.00050	3.36255
.602	4.005	5.19686	.28118	.05030	-.01140	.27546	.07556	-.00341	.00061	.00064	3.64552
.600	5.019	5.19113	.29971	.05118	-.02067	.29385	.07808	-.00329	.00060	.00041	3.76328
.600	10.022	5.18457	.40159	.05950	-.07132	.39457	.09555	-.00388	.00060	.00080	4.12964
.600	12.503	5.19512	.44579	.06528	-.09463	.43805	.10537	-.00433	.00055	.00125	4.15709
.599	15.038	5.19447	.49392	.07292	-.11928	.48529	.11734	-.00368	.00052	.00091	4.13578
	GRADIENT	-.00009	.02021	.00003	-.01009	.02012	.00186	-.00018	.00001	.00004	.21833

RUN NO. 32/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.801	-19.979	5.04537	-.04928	.09428	.16183	-.05738	.08959	-.00011	.00034	.00019	-.64050
.801	-15.027	5.07927	-.00841	.08303	.14573	-.01573	.08195	-.00115	.00045	.00016	-.19196
.801	-12.511	5.09620	.02018	.07574	.13184	.01338	.07724	-.00139	.00060	.00050	.17318
.800	-10.014	5.08209	.04729	.06953	.11831	.04094	.07345	-.00146	.00055	-.00003	.55745
.801	-4.962	5.07315	.10856	.05953	.08716	.10287	.06890	-.00205	.00054	.00009	1.49306
.803	-3.990	5.08376	.12716	.05821	.07819	.12150	.06925	-.00157	.00044	-.00002	1.75464
.801	-1.981	5.07731	.16795	.05645	.05547	.16230	.07110	-.00215	.00054	.00006	2.28278
.802	-1.002	5.08944	.19326	.05593	.04353	.18754	.07286	-.00226	.00051	.00002	2.57405
.802	-.022	5.07102	.21674	.05605	.03118	.21093	.07498	-.00300	.00067	.00017	2.81306
.799	1.981	5.08716	.26352	.05642	.00651	.25748	.07956	-.00264	.00058	.00002	3.23618
.800	3.982	5.08720	.30154	.05835	-.01575	.29518	.08486	-.00260	.00055	.00003	3.47841
.800	5.019	5.08561	.32334	.05966	-.02681	.31678	.08809	-.00334	.00067	-.00003	3.59617
.801	10.003	5.06374	.42409	.07096	-.08564	.41617	.10812	-.00352	.00073	-.00029	3.84919
.800	12.530	5.08906	.47298	.07882	-.11396	.46412	.12046	-.00387	.00081	-.00049	3.85286
.800	15.024	5.08919	.51367	.08877	-.13858	.50377	.13399	-.00313	.00067	-.00118	3.75985
	GRADIENT	.00109	.02206	-.00015	-.01170	.02199	.00180	-.00011	.00001	-.00000	.22933

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN034) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 37/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.052	-20.019	5.11289	.06799	.18363	.13613	.05136	.18896	-.00342	.00102	.00009	.27180
1.050	-15.017	5.15729	.12273	.16735	.10798	.10719	.17771	-.00479	.00133	.00054	.60321
1.051	-12.524	5.14635	.14757	.16023	.09268	.13260	.17282	-.00456	.00149	.00038	.76728
1.051	-9.767	5.15202	.18187	.15239	.07054	.16745	.16810	-.00391	.00116	-.00031	.99610
1.051	-5.002	5.10818	.24121	.14402	.02859	.22743	.16492	-.00333	.00094	.00001	1.37902
1.050	-4.041	5.11409	.25154	.14217	.02210	.23786	.16403	-.00325	.00085	-.00007	1.45012
1.050	-1.988	5.12211	.27568	.14058	.00443	.26203	.16463	-.00322	.00078	-.00025	1.59160
1.051	-1.008	5.12832	.28542	.14079	-.00298	.27170	.16573	-.00275	.00075	-.00037	1.63934
1.050	.003	5.13281	.29821	.14098	-.01162	.28440	.16710	-.00088	-.00003	-.00572	1.70199
1.050	4.009	5.12840	.33966	.14483	-.04356	.32535	.17461	-.00343	.00083	-.00049	1.86331
1.050	5.007	5.13895	.35253	.14593	-.05266	.33804	.17693	-.00391	.00086	-.00045	1.91067
1.050	10.015	5.11397	.42265	.15541	-.10646	.40711	.19246	-.00422	.00088	-.00036	2.11529
1.050	12.499	5.11457	.45602	.16157	-.13061	.43980	.20158	-.00452	.00070	-.00021	2.18173
1.051	15.020	5.11489	.49781	.17120	-.15875	.48057	.21490	-.00487	.00083	-.00024	2.23624
	GRADIENT	.00170	.01092	.00040	-.00813	.01083	.00138	.00001	-.00001	-.00014	.05030

RUN NO. 41/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.270	-20.026	5.14500	.12919	.17734	.07009	.11277	.18821	-.00171	.00074	.00040	.59919
1.271	-15.021	5.14601	.16297	.16249	.05152	.14774	.17646	-.00245	.00086	.00065	.83726
1.272	-12.536	5.13708	.18218	.15759	.03918	.16734	.17327	-.00174	.00081	.00057	.96575
1.272	-9.991	5.13554	.20215	.15250	.02598	.18768	.16998	-.00173	.00070	.00050	1.10414
1.272	-5.023	5.12375	.23847	.14557	.00076	.22451	.16629	-.00083	.00036	.00025	1.35014
1.272	-4.028	5.12389	.24533	.14468	-.00373	.23143	.16602	-.00047	.00018	.00002	1.39399
1.271	-2.009	5.12834	.26127	.14330	-.01500	.24741	.16608	-.00061	.00018	.00008	1.48969
1.271	-1.015	5.13151	.26867	.14337	-.02059	.25477	.16682	-.00074	.00019	.00010	1.52719
1.271	-.010	5.10778	.27604	.14378	-.02704	.26214	.16779	-.00050	.00012	.00012	1.56235
1.272	1.991	5.12779	.29476	.14580	-.04034	.28055	.17156	-.00068	.00011	.00010	1.63526
1.272	3.996	5.13413	.31276	.14825	-.05343	.29824	.17564	-.00090	.00010	.00005	1.69798
1.271	5.005	5.11497	.31947	.14983	-.06024	.30484	.17772	-.00121	.00015	.00001	1.71533
1.271	10.022	5.11538	.36847	.15859	-.09867	.35286	.19081	-.00193	.00022	.00004	1.84925
1.271	12.509	5.12447	.39402	.16432	-.11783	.37777	.19886	-.00196	.00012	.00021	1.89968
1.271	15.037	5.10942	.42036	.17233	-.13905	.40334	.20908	-.00245	.00022	-.00002	1.92911
	GRADIENT	.00083	.00842	.00051	-.00624	.00833	.00126	-.00004	-.00001	.00000	.03741

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN035) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 98/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.802	-20.030	5.15750	-.03124	.09327	.15805	-.03950	.09009	-.00065	.00042	.00050	-.43841
.801	-15.023	5.15520	.00635	.08216	.14215	-.00105	.08240	-.00114	.00045	.00028	-.01279
.801	-12.528	5.17242	.03373	.07537	.12851	.02680	.07810	-.00178	.00064	.00052	.34308
.799	-10.033	5.18782	.06168	.06906	.11528	.05518	.07436	-.00185	.00048	.00003	.74213
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 88/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	-20.034	5.16430	.07405	.18999	.13426	.05665	.19589	-.00237	.00056	.00048	.28919
1.050	-15.013	5.17728	.12871	.17238	.10542	.11263	.18329	-.00217	.00048	-.00032	.61447
1.051	-12.525	5.15260	.15360	.16509	.08932	.13815	.17822	-.00302	.00094	.00011	.77515
1.052	-10.021	5.16650	.18469	.15799	.06858	.16971	.17398	-.00270	.00065	-.00041	.97549
1.049	-5.016	5.17278	.24876	.14771	.02625	.23443	.16954	-.00240	.00064	-.00021	1.38273
1.050	-4.022	5.14935	.25772	.14687	.01895	.24350	.16941	-.00205	.00050	-.00044	1.43731
1.051	-2.005	5.17026	.28128	.14588	.00223	.26699	.17064	-.00246	.00064	-.00031	1.56467
1.051	-1.023	5.15812	.29049	.14561	-.00508	.27622	.17114	-.00257	.00057	-.00052	1.61398
1.051	.001	5.16193	.30218	.14613	-.01329	.28781	.17272	-.00230	.00067	-.00055	1.66633
1.051	2.000	5.14566	.32276	.14768	-.02880	.30822	.17603	-.00290	.00062	-.00062	1.75092
1.051	4.031	5.14991	.34508	.15005	-.04560	.33022	.18042	-.00299	.00071	-.00074	1.83027
1.051	5.020	5.14762	.35648	.15180	-.05453	.34142	.18317	-.00265	.00079	-.00087	1.86399
1.050	10.024	5.14212	.42842	.16048	-.10892	.41231	.19823	-.00458	.00095	-.00073	2.07997
1.051	12.522	5.13294	.46142	.16654	-.13281	.44467	.20715	-.00382	.00071	-.00036	2.14655
1.050	15.018	5.13162	.50204	.17457	-.16029	.48441	.21878	-.00488	.00085	-.00038	2.21417
	GRADIENT	-.00119	.01076	.00043	-.00796	.01068	.00139	-.00011	.00002	-.00004	.04806

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN036) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 76/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.802	-20.025	5.12500	-.03720	.09386	.15985	-.04543	.09016	-.00024	.00040	.00070	-.50391
.802	-15.019	5.13357	.00290	.08274	.14373	-.00452	.08266	-.00114	.00052	.00077	-.05462
.802	-12.509	5.12512	.03018	.07576	.13016	.02329	.07816	-.00140	.00071	.00099	.29805
.801	-10.036	5.10942	.05558	.06975	.11700	.04915	.07443	-.00219	.00060	.00050	.66038
.801	-5.012	5.11130	.11643	.05971	.08585	.11065	.06985	-.00228	.00060	.00054	1.58410
.802	-3.995	5.12614	.13560	.05832	.07687	.12984	.07020	-.00238	.00058	.00050	1.84955
.800	-2.005	5.11571	.17863	.05644	.05428	.17289	.07214	-.00246	.00065	.00054	2.39651
.801	-1.017	5.11335	.20146	.05609	.04268	.19566	.07382	-.00308	.00065	.00034	2.65034
.801	.001	5.10667	.22526	.05600	.02987	.21938	.07583	-.00283	.00063	.00046	2.89318
.801	1.990	5.11758	.27100	.05682	.00529	.26485	.08077	-.00269	.00054	.00031	3.27921
.800	3.762	5.11537	.30651	.05826	-.01432	.30010	.08535	-.00126	.00006	-.00074	3.51596
.799	4.984	5.09485	.32842	.05976	-.02739	.32181	.08869	-.00323	.00056	-.00006	3.62845
.802	10.015	5.11370	.43279	.07112	-.08605	.42473	.10942	-.00382	.00068	-.00017	3.88173
.801	12.508	5.11125	.47933	.07865	-.11385	.47042	.12104	-.00428	.00073	-.00026	3.88652
.800	15.014	5.09794	.51814	.08872	-.13832	.50820	.13441	-.00352	.00063	-.00106	3.78110
	GRADIENT	-.00210	.02177	.00022	-.01174	.02167	.00215	.00001	-.00003	-.00011	.19694

RUN NO. 69/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.051	-20.026	5.13550	.07353	.19177	.13416	.05607	.19759	-.00238	.00069	.00045	.28378
1.050	-15.021	5.13500	.12443	.17381	.10757	.10837	.18425	-.00364	.00090	.00027	.58816
1.051	-12.511	5.12108	.15071	.16617	.09108	.13527	.17896	-.00359	.00104	.00018	.75587
1.051	-10.007	5.12941	.18190	.15775	.07110	.16706	.17338	-.00285	.00078	-.00026	.96355
1.049	-5.006	5.11913	.24612	.14768	.02772	.23196	.16905	-.00322	.00088	.00022	1.37213
1.051	-4.026	5.11876	.25625	.14806	.02005	.24202	.17034	-.00265	.00069	-.00007	1.42085
1.051	-2.026	5.11836	.27945	.14574	.00335	.26533	.17008	-.00287	.00066	-.00005	1.56000
1.051	-1.022	5.11048	.28860	.14569	-.00400	.27448	.17082	-.00267	.00061	-.00026	1.60687
1.050	.003	5.11425	.29972	.14577	-.01216	.28553	.17191	-.00277	.00055	-.00027	1.66097
1.051	1.998	5.10687	.32116	.14769	-.02807	.30674	.17570	-.00302	.00059	-.00034	1.74586
1.050	4.003	5.11513	.34393	.14994	-.04476	.32919	.18001	-.00306	.00057	-.00054	1.82873
1.051	5.005	5.11229	.35523	.15183	-.05417	.34029	.18288	-.00281	.00062	-.00061	1.86075
1.051	10.026	5.10880	.42722	.16149	-.10834	.41114	.19889	-.00365	.00065	-.00061	2.06720
1.050	12.526	5.10852	.46312	.16676	-.13290	.44643	.20734	-.00407	.00053	-.00001	2.15319
1.052	15.024	5.10698	.50257	.17569	-.15992	.48493	.21973	-.00408	.00063	-.00041	2.20693
	GRADIENT	-.00083	.01082	.00031	-.00802	.01075	.00127	-.00005	-.00002	-.00006	.04959

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 30/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.600	-20.006	5.20134	-.08759	.08541	.16625	-.09497	.07712	-.00718	.00424	.00416	-1.23155
.598	-15.037	5.21735	-.05100	.06997	.15036	-.05715	.06505	-.00849	.00456	.00682	-.87861
.602	-12.002	5.23454	-.01522	.06202	.13416	-.02081	.06037	-.01129	.00465	.00957	-.34471
.600	-10.030	5.20571	.01405	.05783	.12016	.00874	.05887	-.01286	.00488	.01124	.14855
.600	-5.021	5.21497	.10486	.05062	.07703	.09983	.05994	-.01376	.00442	.01201	1.66539
.601	-4.007	5.21968	.12336	.04991	.06745	.11831	.06093	-.01415	.00427	.01230	1.94179
.601	-2.006	5.19047	.16335	.04895	.04755	.15825	.06353	-.01441	.00415	.01308	2.49116
.602	-1.000	5.20187	.18334	.04863	.03781	.17818	.06505	-.01505	.00401	.01278	2.73917
.602	-.022	5.21110	.20359	.04860	.02770	.19833	.06689	-.01430	.00385	.01299	2.96523
.600	2.009	5.22820	.24618	.04892	.00781	.24070	.07115	-.01523	.00345	.01239	3.38318
.601	3.997	5.21482	.28424	.05051	-.01191	.27847	.07613	-.01507	.00310	.01243	3.65767
.601	4.986	5.19884	.30185	.05170	-.02221	.29592	.07883	-.01450	.00285	.01231	3.75374
.599	9.963	5.19859	.39905	.05945	-.06997	.39202	.09536	-.01384	.00160	.01242	4.11107
.598	12.005	5.21097	.44001	.06436	-.09076	.43265	.10406	-.01326	.00101	.01228	4.15488
.601	14.974	5.21378	.49460	.07282	-.11829	.48594	.11746	-.01240	.00036	.01176	4.13704
	GRADIENT	.00018	.02000	.00022	-.00995	.01990	.00203	-.00006	-.00017	-.00004	.19960

RUN NO. 28/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.799	-19.986	5.11548	-.04316	.09385	.16102	-.05136	.08963	-.01402	.00506	.00424	-.57298
.801	-15.038	5.15477	.00758	.08136	.14055	.00024	.08171	-.01337	.00524	.00592	.00291
.801	-12.003	5.15262	.03346	.07431	.12781	.02665	.07702	-.01243	.00512	.00696	.34603
.803	-10.017	5.15187	.05668	.06983	.11691	.05018	.07463	-.01297	.00500	.00697	.67235
.801	-5.023	5.12224	.12368	.06007	.08070	.11782	.07088	-.01488	.00505	.00956	1.66236
.802	-4.028	5.13336	.14182	.05876	.07208	.13600	.07121	-.01553	.00507	.01054	1.90981
.801	-1.966	5.15210	.18268	.05690	.05167	.17684	.07307	-.01812	.00513	.01263	2.41998
.800	-.993	5.16043	.20544	.05610	.04075	.19956	.07436	-.01873	.00505	.01312	2.68387
.799	-.020	5.13574	.22510	.05612	.02984	.21917	.07604	-.01899	.00489	.01355	2.88220
.800	2.016	5.16132	.26854	.05701	.00665	.26232	.08094	-.01838	.00437	.01330	3.24095
.800	3.986	5.11639	.30788	.05889	-.01620	.30140	.08611	-.01731	.00377	.01275	3.50009
.800	4.978	5.13147	.32950	.06031	-.02807	.32279	.08954	-.01740	.00357	.01273	3.60495
.800	9.994	5.09666	.42833	.07141	-.08452	.42029	.10918	-.01632	.00216	.01224	3.84962
.799	11.994	5.11364	.46266	.07753	-.10607	.45391	.11846	-.01340	.00108	.01050	3.83181
.799	14.962	5.14012	.50975	.08756	-.13285	.49985	.13288	-.00961	-.00011	.00743	3.76183
	GRADIENT	-.00184	.02088	.00024	-.01122	.02078	.00210	-.00008	-.00019	.00016	.18518

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 26/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	-20.004	5.15200	-.00038	.11609	.16117	-.01081	.11559	-.01780	.00574	.00527	-.09350
.901	-15.043	5.14783	.05157	.10286	.13540	.04214	.10707	-.01715	.00602	.00609	.39352
.902	-12.029	5.14834	.08798	.09672	.11729	.07894	.10423	-.01770	.00612	.00638	.75741
.902	-10.021	5.15589	.11405	.09197	.10330	.10532	.10185	-.01822	.00606	.00661	1.03411
.904	-5.000	5.13882	.17821	.08356	.06635	.17001	.09919	-.01750	.00560	.00628	1.71402
.901	-4.026	5.14724	.19019	.08162	.05843	.18210	.09836	-.01784	.00565	.00628	1.85147
.899	-1.999	5.14312	.21672	.07928	.04203	.20874	.09839	-.01850	.00572	.00696	2.12161
.901	-.997	5.13880	.22735	.07873	.03320	.21939	.09878	-.01845	.00568	.00755	2.22107
.900	-.027	5.14430	.24030	.07817	.02496	.23232	.09940	-.01828	.00568	.00859	2.33733
.899	1.999	5.15592	.26795	.07751	.00761	.25990	.10127	-.01887	.00542	.01026	2.56636
.900	3.989	5.14307	.29882	.07950	-.01363	.29049	.10597	-.01904	.00508	.01144	2.74131
.900	5.005	5.12356	.31570	.08009	-.02442	.30729	.10796	-.01844	.00464	.01196	2.84633
.898	9.988	5.10258	.40562	.08925	-.08104	.39607	.12497	-.01322	.00167	.01259	3.16933
.902	12.003	5.13878	.44485	.09692	-.10643	.43438	.13637	-.00987	-.00005	.01194	3.18519
.899	14.957	5.12514	.49367	.10750	-.13722	.48209	.15117	-.00703	-.00160	.01102	3.18913
	GRADIENT	.00070	.01326	-.00049	-.00878	.01325	.00070	-.00016	-.00005	.00062	.11484

RUN NO. 24/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.950	-20.009	4.96710	-.00957	.13975	.17160	-.02164	.13840	-.01883	.00686	.00551	-.15635
.952	-15.040	5.12732	.06072	.12664	.14160	.04916	.13156	-.01985	.00746	.00684	.37368
.952	-11.999	5.15577	.10415	.11889	.11940	.09304	.12777	-.02233	.00813	.00691	.72819
.951	-10.018	5.17240	.13195	.11357	.10400	.12117	.12500	-.02295	.00823	.00724	.96934
.950	-5.018	5.15706	.20402	.10211	.05645	.19402	.12004	-.02620	.00999	.00992	1.61629
.951	-4.012	5.13153	.21743	.10119	.04608	.20751	.12023	-.02586	.00983	.00996	1.72600
.951	-1.968	5.14379	.24851	.09919	.02455	.23862	.12107	-.02119	.00816	.00981	1.97085
.949	-1.004	5.14628	.26190	.09757	.01524	.25209	.12067	-.01899	.00710	.00995	2.08908
.950	-.052	5.13684	.27530	.09824	.00492	.26540	.12249	-.01573	.00578	.00970	2.16666
.951	2.003	5.14047	.30508	.09926	-.01731	.29496	.12619	-.01068	.00301	.00935	2.33738
.949	3.994	5.15144	.33760	.10094	-.04009	.32717	.13085	-.00884	.00165	.01033	2.50040
.949	4.986	5.15858	.35158	.10210	-.05102	.34098	.13330	-.00813	.00119	.01083	2.55801
.949	9.983	5.18523	.43058	.11428	-.10486	.41849	.15273	-.00473	-.00165	.01149	2.74009
.949	11.996	5.20372	.46587	.12065	-.12687	.45301	.16241	-.00372	-.00232	.01113	2.78937
.950	14.967	5.22967	.51141	.13243	-.15585	.49721	.17849	-.00241	-.00321	.00994	2.78560
	GRADIENT	.00225	.01490	.00020	-.01082	.01482	.00155	.00204	-.00102	.00008	.09052

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 22/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.977	-20.010	4.96183	-.00327	.15212	.17141	-.01641	.15127	-.01899	.00698	.00514	-.10849
.981	-15.038	5.02366	.06198	.13984	.14204	.04950	.14473	-.02116	.00800	.00657	.34201
.982	-12.249	5.07574	.09863	.13179	.12312	.08659	.14000	-.02000	.00730	.00587	.61848
.981	-10.007	5.11206	.13457	.12464	.10393	.12293	.13613	-.02371	.00860	.00705	.90302
.982	-5.020	5.15344	.20842	.11631	.05617	.19713	.13456	-.02821	.01129	.00873	1.46495
.993	-4.026	5.16010	.22370	.11521	.04627	.21243	.13486	-.02684	.01081	.00901	1.57514
.982	-2.988	5.11128	.23740	.11286	.03490	.22640	.13356	-.01938	.00774	.00601	1.69510
.980	-2.019	5.11821	.24922	.11094	.02560	.23833	.13273	-.02144	.00859	.00936	1.79560
.980	-.993	5.12232	.26368	.11137	.01514	.25268	.13446	-.01798	.00682	.00918	1.87917
.980	-.031	5.12094	.27722	.11014	.00529	.26628	.13445	-.01415	.00510	.00910	1.98055
.978	2.015	5.13033	.30546	.11217	-.01588	.29420	.13904	-.00944	.00228	.00929	2.11597
.977	3.985	5.14286	.33820	.11402	-.03897	.32662	.14387	-.00793	.00097	.01023	2.27018
.979	4.981	5.15587	.35171	.11712	-.04946	.33977	.14825	-.00750	.00054	.01076	2.29181
.980	9.975	5.19879	.42865	.12945	-.10185	.41516	.16776	-.00472	-.00199	.01155	2.47477
.977	12.002	5.20497	.46285	.13420	-.12490	.44877	.17563	-.00357	-.00261	.01059	2.55515
.980	14.967	5.23710	.51076	.14614	-.15339	.49529	.19215	-.00336	-.00318	.00954	2.57761
	GRADIENT	.00193	.01432	.00027	-.01061	.01424	.00156	.00206	-.00113	.00030	.07969

RUN NO. 20/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	-20.018	5.14578	.07085	.18883	.13550	.05363	.19442	-.01936	.00720	.00504	.27583
1.051	-15.030	5.12570	.12241	.17409	.10720	.10636	.18433	-.02217	.00851	.00529	.57702
1.052	-12.002	5.13682	.15612	.16318	.08637	.14088	.17651	-.02549	.01046	.00582	.79818
1.051	-10.010	5.15030	.18211	.15899	.07027	.16710	.17470	-.02758	.01128	.00716	.95651
1.051	-5.012	5.18214	.24315	.14913	.02885	.22868	.17048	-.01913	.00729	.00941	1.34139
1.052	-4.023	5.18802	.25808	.14816	.01987	.24363	.17089	-.01639	.00615	.00874	1.42568
1.050	-1.993	5.13460	.27785	.14648	.00423	.26363	.17076	-.01226	.00426	.00823	1.54386
1.050	-1.000	5.13524	.28946	.14634	-.00445	.27520	.17166	-.00973	.00316	.00803	1.60314
1.050	-.009	5.14067	.30262	.14646	-.01289	.28828	.17299	-.00849	.00235	.00816	1.66647
1.050	2.006	5.12550	.32388	.14811	-.03005	.30936	.17645	-.00686	.00117	.00822	1.75318
1.049	3.994	5.13856	.34937	.14965	-.04828	.33456	.18034	-.00647	.00042	.00872	1.85515
1.051	4.993	5.14480	.36196	.15245	-.05828	.34683	.18429	-.00649	.00013	.00912	1.88194
1.050	9.974	5.16545	.42918	.16066	-.10822	.41297	.19865	-.00466	-.00201	.01012	2.07891
1.051	12.001	5.17646	.45978	.16657	-.12973	.44287	.20737	-.00385	-.00258	.00999	2.13566
1.051	14.956	5.19916	.50533	.17500	-.15917	.48740	.22007	-.00395	-.00295	.00881	2.21473
	GRADIENT	-.00320	.01163	.00050	-.00869	.01154	.00153	.00103	-.00065	.00006	.05083

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 18/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.099	-20.009	5.12415	.05980	.19326	.13342	.04230	.19783	-.01968	.00729	.00485	.21383
1.101	-15.027	5.14948	.10898	.17525	.10600	.09281	.18433	-.02150	.00807	.00525	.50353
1.101	-12.000	5.12538	.14400	.16508	.08502	.12868	.17728	-.02443	.01001	.00542	.72584
1.100	-10.006	5.09451	.16545	.15965	.07019	.15062	.17371	-.02599	.01085	.00655	.86707
1.101	-5.007	5.11723	.22953	.14941	.02893	.21529	.16928	-.01922	.00752	.00870	1.27177
1.101	-4.025	5.12261	.24018	.14805	.02092	.22600	.16891	-.01707	.00639	.00846	1.33800
1.100	-2.000	5.13022	.26360	.14690	.00484	.24941	.16989	-.01226	.00448	.00801	1.46808
1.100	-.985	5.11927	.27495	.14728	-.00363	.26071	.17123	-.01013	.00338	.00788	1.52257
1.102	-.019	5.12655	.28633	.14792	-.01207	.27196	.17292	-.00915	.00266	.00785	1.57279
1.102	2.005	5.11318	.30819	.14872	-.02890	.29371	.17560	-.00746	.00138	.00801	1.67265
1.100	3.988	5.12397	.33222	.15084	-.04696	.31742	.17991	-.00680	.00059	.00866	1.76432
1.101	4.993	5.12913	.34407	.15250	-.05601	.32906	.18265	-.00679	.00034	.00907	1.80157
1.100	9.989	5.11698	.40959	.16265	-.10499	.39343	.19854	-.00412	-.00183	.00997	1.98178
1.100	11.995	5.11122	.43739	.16767	-.12537	.42071	.20597	-.00368	-.00241	.00941	2.04259
1.098	14.965	5.10638	.48092	.17656	-.15482	.46330	.21866	-.00411	-.00279	.00872	2.11880
	GRADIENT	.00005	.01148	.00054	-.00856	.01138	.00156	.00105	-.00066	.00008	.05074

RUN NO. 16/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.200	-20.013	5.12441	.10910	.16623	.09010	.09382	.17531	-.02154	.00921	.00398	.53519
1.201	-15.283	5.12473	.15367	.15127	.06460	.13954	.16440	-.02142	.00908	.00540	.84881
1.201	-11.999	5.14562	.18204	.14289	.04782	.16849	.15864	-.01772	.00697	.00789	1.06210
1.200	-10.013	5.11559	.19648	.13858	.03768	.18335	.15555	-.01609	.00641	.00805	1.17872
1.201	-5.014	5.11390	.24009	.13170	.00782	.22739	.15257	-.00936	.00372	.00672	1.49038
1.200	-4.039	5.11600	.24893	.13065	.00226	.23629	.15233	-.00833	.00316	.00681	1.55112
1.202	-1.989	5.11749	.26681	.13032	-.01107	.25412	.15360	-.00582	.00194	.00686	1.65443
1.200	-1.001	5.11679	.27648	.13065	-.01752	.26372	.15479	-.00543	.00152	.00700	1.70378
1.199	-.024	5.11786	.28498	.13153	-.02425	.27211	.15643	-.00532	.00122	.00701	1.73947
1.200	1.995	5.12725	.30326	.13327	-.03834	.29014	.15984	-.00479	.00055	.00711	1.81516
1.200	3.990	5.12305	.32316	.13507	-.05350	.30981	.16339	-.00436	.00001	.00755	1.89611
1.200	5.012	5.11643	.33388	.13603	-.06123	.32042	.16527	-.00412	-.00032	.00757	1.93881
1.199	9.987	5.11257	.38683	.14480	-.10270	.37239	.17870	-.00313	-.00187	.00838	2.08391
1.199	11.998	5.09252	.40900	.15012	-.12039	.39406	.18584	-.00270	-.00238	.00817	2.12048
1.199	14.962	5.10474	.44204	.15830	-.14487	.42620	.19701	-.00223	-.00289	.00795	2.16339
	GRADIENT	.00124	.00922	.00061	-.00694	.00913	.00143	.00043	-.00038	.00009	.04216

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 14/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.281	-20.040	5.13145	.12601	.17522	.06950	.10983	.18579	-.01756	.00734	.00439	.59118
1.282	-14.849	5.12144	.16235	.16150	.04828	.14728	.17534	-.01600	.00622	.00694	.83996
1.282	-12.008	5.12200	.18187	.15553	.03650	.16726	.17115	-.01240	.00525	.00628	.97730
1.281	-9.993	5.12784	.19911	.15117	.02620	.18480	.16836	-.01123	.00485	.00603	1.09765
1.281	-5.005	5.11650	.23248	.14472	.00109	.21865	.16487	-.00617	.00249	.00576	1.32617
1.281	-4.026	5.11351	.24112	.14416	-.00441	.22731	.16508	-.00521	.00198	.00592	1.37702
1.280	-1.987	5.12001	.25778	.14440	-.01593	.24387	.16683	-.00452	.00120	.00620	1.46182
1.281	-.977	5.11925	.26509	.14489	-.02182	.25110	.16797	-.00391	.00084	.00634	1.49492
1.281	-.014	5.13131	.27431	.14517	-.02776	.26022	.16913	-.00364	.00053	.00638	1.53864
1.280	1.999	5.10868	.28999	.14639	-.03979	.27580	.17163	-.00326	.00004	.00648	1.60692
1.281	3.988	5.11223	.30646	.14880	-.05288	.29198	.17552	-.00350	-.00036	.00637	1.66353
1.281	5.005	5.11177	.31570	.14996	-.05998	.30109	.17749	-.00365	-.00054	.00656	1.69631
1.281	9.782	5.08546	.36066	.15856	-.09642	.34513	.18990	-.00275	-.00207	.00781	1.81769
	GRADIENT	-.00072	.00816	.00057	-.00604	.00808	.00129	.00023	-.00029	.00006	.03588

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 29/ 0 RN/L = 3.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.606	-5.003	5.18654	.20396	.05115	.02933	.19850	.06937	.01764	-.00435	-.02020	2.86137
.603	-4.007	5.19531	.20028	.05045	.02974	.19489	.06838	.01384	-.00358	-.01643	2.85018
.600	-2.999	5.17829	.20141	.04968	.02840	.19610	.06765	.00988	-.00252	-.01198	2.89867
.600	-1.984	5.19346	.20378	.04875	.02871	.19854	.06700	.00565	-.00156	-.00819	2.96326
.600	-.992	5.19447	.20257	.04849	.02889	.19735	.06663	.00211	-.00050	-.00400	2.96197
.601	.011	5.19544	.20316	.04835	.02829	.19794	.06655	-.00327	.00066	.00050	2.97457
.601	2.037	5.19916	.20108	.04873	.02885	.19584	.06675	-.01090	.00271	.00875	2.93403
.601	4.012	5.19616	.20166	.04974	.02932	.19633	.06780	-.01955	.00479	.01695	2.89574
.601	5.000	5.17866	.20034	.05071	.02910	.19495	.06859	-.02362	.00577	.02081	2.84233
	GRADIENT	-.00016	-.00009	.00005	.00001	-.00009	.00004	-.00418	.00104	.00414	-.00313

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 27/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.803	-5.003	5.12310	.22896	.05911	.02923	.22276	.07931	.02029	-.00573	-.02094	2.80861
.801	-4.014	5.11341	.22598	.05792	.03039	.21992	.07783	.01668	-.00457	-.01724	2.82552
.801	-3.012	5.11485	.22791	.05678	.02950	.22194	.07687	.01165	-.00329	-.01314	2.88727
.800	-1.986	5.10893	.22578	.05606	.03003	.21989	.07594	.00656	-.00195	-.00891	2.89541
.802	-1.008	5.10987	.22688	.05567	.02986	.22102	.07565	.00267	-.00074	-.00461	2.92156
.802	-.016	5.11013	.22595	.05551	.02991	.22010	.07542	-.00293	.00071	.00006	2.91843
.803	1.984	5.11579	.22801	.05594	.02917	.22211	.07605	-.01293	.00334	.00901	2.92068
.801	4.018	5.10872	.22405	.05751	.02996	.21804	.07723	-.02253	.00598	.01788	2.82337
.803	5.005	5.11294	.22782	.05901	.02891	.22165	.07907	-.02702	.00725	.02150	2.80314
	GRADIENT	-.00027	-.00018	-.00004	-.00005	-.00017	-.00006	-.00489	.00132	.00441	-.00010

RUN NO. 25/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.901	-5.014	5.12592	.25105	.07984	.01932	.24291	.10195	.01843	-.00709	-.01290	2.38261
.901	-4.026	5.12483	.24600	.07899	.02254	.23796	.10065	.01451	-.00589	-.00995	2.36421
.900	-3.002	5.11546	.24194	.07811	.02440	.23401	.09937	.00983	-.00426	-.00712	2.35497
.901	-1.989	5.11969	.23862	.07784	.02634	.23072	.09883	.00610	-.00284	-.00439	2.33461
.900	-.995	5.11883	.23749	.07747	.02756	.22963	.09835	.00110	-.00111	-.00172	2.33474
.900	.021	5.11873	.23516	.07666	.02900	.22738	.09734	-.00381	.00076	.00112	2.33603
.900	1.068	5.12423	.25585	.07629	.01407	.24802	.09884	-.00527	.00124	.00316	2.50926
.902	2.008	5.11651	.23866	.07806	.02575	.23075	.09903	-.01317	.00407	.00587	2.33007
.901	4.024	5.11967	.24346	.07919	.02274	.23542	.10060	-.02247	.00707	.01131	2.34023
.902	4.997	5.11239	.24875	.08056	.02000	.24058	.10241	-.02661	.00847	.01365	2.34930
	GRADIENT	-.00057	.00054	.00016	-.00046	.00052	.00020	-.00457	.00160	.00260	.00048

RUN NO. 23/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.951	-5.008	5.12190	.27414	.10065	.00609	.26406	.12473	.01676	-.00724	-.01709	2.11715
.951	-4.006	5.12593	.27421	.09889	.00536	.26428	.12299	.01304	-.00563	-.01328	2.14879
.951	-2.990	5.12308	.27684	.09805	.00294	.26697	.12238	.00746	-.00349	-.00958	2.18161
.951	-1.989	5.12559	.27847	.09664	.00237	.26872	.12113	.00336	-.00187	-.00613	2.21848
.951	-.990	5.11036	.27862	.09663	.00200	.26890	.12106	-.00024	-.00038	-.00322	2.22119
.951	-.002	5.10800	.27910	.09654	.00172	.26940	.12101	-.00332	.00088	.00009	2.22630
.951	2.012	5.11599	.27767	.09732	.00245	.26789	.12169	-.01042	.00360	.00630	2.20137
.949	3.984	5.12151	.27388	.09866	.00598	.26398	.12271	-.01976	.00728	.01289	2.15122
.951	4.943	5.12140	.27405	.10162	.00488	.26388	.12568	-.02325	.00865	.01594	2.09960
	GRADIENT	-.00039	-.00024	.00026	.00017	-.00027	.00024	-.00393	.00155	.00323	-.00630

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 21/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.980	-5.018	5.13127	.27524	.11404	.00670	.26394	.13820	.01549	-.00703	-.01651	1.90984
.983	-4.015	5.13421	.27789	.11408	.00596	.26657	.13849	.01109	-.00501	-.01330	1.92478
.981	-3.004	5.13381	.28103	.11097	.00421	.26997	.13567	.00545	-.00291	-.00945	1.98991
.981	-1.991	5.13141	.28017	.11028	.00367	.26918	.13490	.00274	-.00154	-.00669	1.99549
.983	-1.004	5.13236	.27879	.11084	.00375	.26776	.13533	-.00050	-.00030	-.00349	1.97854
.980	.012	5.13020	.28063	.11031	.00363	.26964	.13496	-.00334	.00087	-.00003	1.99794
.982	2.014	5.11814	.27939	.11173	.00463	.26831	.13621	-.00972	.00310	.00609	1.96988
.981	4.013	5.13357	.27866	.11353	.00646	.26738	.13801	-.01920	.00702	.01229	1.93742
.980	4.996	5.13032	.27549	.11540	.00702	.26406	.13957	-.02384	.00884	.01576	1.89200
	GRADIENT	-.00056	-.00029	.00029	.00024	-.00032	.00026	-.00369	.00146	.00318	-.00597

RUN NO. 19/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.049	-5.012	5.11157	.29994	.14676	-.01251	.28567	.17290	.00585	-.00263	-.01487	1.65229
1.050	-4.011	5.10998	.29907	.14622	-.01207	.28486	.17228	.00443	-.00202	-.01173	1.65349
1.050	-3.000	5.11080	.29957	.14494	-.01249	.28547	.17105	.00229	-.00116	-.00881	1.66897
1.050	-1.985	5.10969	.29883	.14530	-.01227	.28470	.17134	-.00027	-.00035	-.00569	1.66165
1.050	-1.003	5.11151	.30018	.14566	-.01280	.28601	.17183	-.00145	.00012	-.00322	1.66454
1.050	.004	5.11157	.30058	.14563	-.01287	.28641	.17183	-.00303	.00062	-.00048	1.66686
1.050	2.009	5.10923	.29928	.14567	-.01227	.28511	.17174	-.00602	.00160	.00514	1.66010
1.050	4.010	5.10978	.29847	.14747	-.01176	.28415	.17347	-.01069	.00319	.01114	1.63810
1.051	5.001	5.11422	.29853	.14941	-.01226	.28402	.17543	-.01340	.00416	.01414	1.61902
	GRADIENT	-.00009	-.00006	.00018	.00004	-.00007	.00017	-.00180	.00061	.00282	-.00208

RUN NO. 17/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.100	-5.021	5.12007	.28633	.14958	-.01239	.27184	.17454	.00682	-.00291	-.01455	1.55748
1.101	-4.003	5.11960	.28461	.14797	-.01104	.27027	.17277	.00440	-.00208	-.01163	1.56428
1.101	-3.007	5.12029	.28512	.14694	-.01190	.27087	.17180	.00189	-.00113	-.00848	1.57664
1.102	-1.995	5.13198	.28700	.14627	-.01217	.27277	.17136	.00039	-.00049	-.00601	1.59178
1.101	-1.007	5.12762	.28464	.14599	-.01160	.27045	.17085	-.00138	.00012	-.00317	1.58299
1.102	.003	5.12802	.28519	.14581	-.01194	.27102	.17072	-.00321	.00069	-.00033	1.58751
1.103	2.036	5.12379	.28455	.14689	-.01090	.27030	.17171	-.00669	.00183	.00530	1.57410
1.103	4.014	5.11716	.28414	.14908	-.01081	.26971	.17382	-.01144	.00353	.01096	1.55164
1.102	4.983	5.12313	.28732	.15069	-.01217	.27272	.17574	-.01394	.00445	.01369	1.55181
	GRADIENT	-.00031	.00006	.00033	.00002	.00003	.00033	-.00197	.00069	.00280	-.00283

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 13/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
1.282	-5.028	5.11640	.27065	.14692	-.02805	.25647	.17047	.00298	-.00069	-.01047	1.50447
1.283	-4.017	5.11299	.26946	.14574	-.02685	.25540	.16917	.00229	-.00063	-.00875	1.50970
1.281	-2.992	5.11350	.26941	.14476	-.02676	.25544	.16819	.00150	-.00038	-.00649	1.51871
1.282	-1.989	5.11203	.26769	.14402	-.02606	.25379	.16730	.00139	-.00032	-.00455	1.51702
1.282	-1.003	5.11368	.26908	.14367	-.02621	.25520	.16709	.00002	-.00016	-.00235	1.52738
1.291	-.001	5.11761	.26937	.14360	-.02611	.25548	.16705	-.00053	-.00001	-.00002	1.52936
1.282	2.003	5.11539	.27070	.14440	-.02696	.25675	.16796	-.00255	.00029	.00441	1.52865
1.283	3.990	5.11211	.27100	.14622	-.02767	.25689	.16978	-.00446	.00069	.00833	1.51306
1.280	5.013	5.11317	.27282	.14730	-.02848	.25861	.17103	-.00530	.00098	.01060	1.51208
	GRADIENT	.00010	.00027	.00007	-.00011	.00026	.00009	-.00085	.00016	.00215	.00075

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN039) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 127/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.919	-5.021	5.14543	.24735	.10964	.03462	.23652	.13138	.02492	-.00957	-.01480	1.80029
.919	-4.016	5.14281	.24344	.10857	.03684	.23273	.12996	.02104	-.00838	-.01232	1.79081
.921	-3.008	5.14298	.24254	.10746	.03735	.23193	.12877	.01565	-.00651	-.00923	1.80121
.920	-1.995	5.14186	.24049	.10650	.03862	.22998	.12763	.01126	-.00456	-.00645	1.801[illegible]
.923	-1.012	5.14556	.24273	.10616	.03742	.23223	.12750	.00538	-.00248	-.00340	1.821[illegible]
.921	.008	5.14955	.24169	.10583	.03921	.23121	.12709	-.00141	.00019	.00008	1.81920
.920	2.021	5.15136	.24349	.10601	.03792	.23299	.12744	-.01381	.00448	.00591	1.82815
.920	4.009	5.15002	.24913	.10804	.03387	.23843	.12997	-.02390	.00810	.01161	1.83456
.921	4.996	5.15553	.25393	.10983	.03062	.24303	.13220	-.02799	.00960	.01425	1.83836
	GRADIENT	.00138	.00111	.00014	-.00061	.00109	.00024	-.00560	.00205	.00297	.00503

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN040) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	ALPHA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.921	-5.013	5.08044	.25669	.09317	.01041	.24743	.11553	.02450	-.00956	-.01543	2.14167
.921	-4.013	5.08186	.25801	.09067	.01118	.24896	.11317	.02114	-.00840	-.01254	2.19985
.920	-3.003	5.08857	.26038	.08769	.01065	.25157	.11044	.01636	-.00676	-.00936	2.27795
.921	-1.993	5.09317	.26428	.08682	.00915	.25553	.10994	.01108	-.00470	-.00594	2.32419
.920	-1.008	5.08791	.26060	.08494	.01060	.25204	.10771	.00539	-.00249	-.00246	2.33993
.920	.007	5.09491	.25983	.08465	.01145	.25129	.10739	-.00189	.00034	.00133	2.33985
.920	2.012	5.07782	.25691	.08582	.01297	.24831	.10822	-.01390	.00479	.00771	2.29448
.922	4.006	5.08516	.25787	.08884	.01310	.24898	.11135	-.02319	.00811	.01402	2.23607
.921	4.993	5.07537	.25800	.09058	.01247	.24898	.11305	-.02726	.00950	.01708	2.20245
	GRADIENT	-.00106	-.00035	.00011	.00032	-.00036	.00007	-.00556	.00207	.00331	-.00468

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN041) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 4/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
.156	.601	-.00030	-.04837	.06088	.03286	-.04853	.06074	-.00115	.00066	.00020	-.79894
.173	.602	.00015	-.04960	.06173	.03357	-.04979	.06158	-.00143	.00054	-.00004	-.80849
.129	.701	.00062	-.05374	.06295	.03691	-.05388	.06283	-.00175	.00063	-.00004	-.85754
.097	.800	.00161	-.05995	.06673	.04279	-.06006	.06663	-.00206	.00052	.00006	-.90139
.100	.850	.00209	-.06241	.06944	.04657	-.06253	.06933	-.00214	.00045	-.00002	-.90195
.106	.901	.00359	-.03849	.08041	.03578	-.03864	.08034	-.00394	.00109	.00042	-.48098
.106	.922	.00316	-.03194	.08965	.03116	-.03211	.08959	-.00327	.00085	.00003	-.35842
.104	.951	.00298	-.05004	.10311	.04647	-.05022	.10301	-.00345	.00107	-.00047	-.48755
.091	.960	.00304	-.05190	.10701	.04923	-.05207	.10692	-.00338	.00102	-.00023	-.48694
.100	.980	.00350	-.05144	.11556	.05248	-.05164	.11547	-.00353	.00098	-.00043	-.44726
.098	1.000	.00438	-.04838	.12471	.05135	-.04860	.12463	-.00388	.00094	-.00049	-.38993
.100	1.021	.00377	-.05273	.13104	.05649	-.05296	.13095	-.00328	.00079	-.00065	-.40443
.109	1.119	.00537	-.03491	.14093	.04028	-.03513	.14086	-.00455	.00117	-.00047	-.24974
.090	1.149	.00457	-.03209	.14036	.04729	-.03231	.14031	-.00455	.00145	-.00035	-.23026
.096	1.200	.00297	-.02031	.13174	.03639	-.02053	.13171	-.00286	.00088	-.00019	-.15589
.125	1.281	.00144	-.01443	.14694	.02719	-.01475	.14691	-.00149	.00046	-.00017	-.10043
	GRADIENT	.00558	.04769	.15012	.00632	.04749	.15028	-.00303	.00062	-.00075	1.23169

RUN NO. 7/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.197	.602	-.01029	.20103	.04826	.02736	.19583	.06627	-.00217	.00065	.00024	2.95512
5.126	.702	-.00943	.20629	.05068	.02869	.20094	.06890	-.00271	.00072	-.00011	2.91613
5.131	.801	-.00869	.22366	.05541	.03041	.21781	.07519	-.00273	.00062	-.00014	2.89671
5.097	.851	-.00714	.22323	.06335	.03198	.21672	.08293	-.00311	.00053	.00017	2.61335
5.138	.900	-.00513	.23296	.07717	.02890	.22511	.09772	-.00394	.00059	.00053	2.30350
5.107	.921	-.00614	.25137	.08457	.01778	.24284	.10861	-.00418	.00106	.00029	2.27792
5.110	.951	-.00736	.27685	.09693	.00089	.26712	.12120	-.00347	.00084	-.00025	2.20391
5.120	.960	-.00795	.27560	.10064	.00106	.26572	.12485	-.00326	.00085	-.00038	2.12821
5.120	.980	-.00799	.27692	.10945	.00318	.26605	.13373	-.00317	.00079	-.00045	1.98953
5.121	1.002	-.00820	.28139	.12313	.00410	.26928	.14775	-.00320	.00089	-.00049	1.82253
5.122	1.022	-.00830	.29947	.13381	-.00916	.28633	.16001	-.00295	.00070	-.00068	1.78946
5.115	1.049	-.00487	.30033	.14469	-.01238	.28623	.17089	-.00334	.00074	-.00044	1.67496
5.119	1.070	-.00471	.29709	.15019	-.01421	.28249	.17610	-.00332	.00068	-.00047	1.60421
5.107	1.100	-.00528	.28917	.14570	-.01295	.27505	.17086	-.00309	.00070	-.00054	1.60975
5.123	1.120	-.00367	.28615	.14178	-.00885	.27235	.16677	-.00406	.00093	-.00034	1.63307
5.123	1.149	-.00766	.28494	.13910	-.01302	.27138	.16399	-.00369	.00107	-.00062	1.65491
5.092	1.199	-.00891	.28342	.13040	-.02292	.27073	.15504	-.00203	.00065	-.00011	1.74616
5.101	1.252	-.00931	.27744	.14092	-.02641	.26381	.16503	-.00146	.00034	-.00026	1.59851
5.128	1.279	-.00947	.27245	.14328	-.02680	.25855	.16706	-.00117	.00024	-.00012	1.54765
	GRADIENT	.00218	.14530	.18466	-.10513	.12835	.19663	.00103	-.00021	-.00088	-2.56235

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN041) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 11/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
10.185	.600	-.02139	.46669	.01682	.02256	.45636	.09908	-.00260	.00097	.00013	4.60595
10.145	.701	-.02116	.48645	.02303	.02125	.47479	.10835	-.00247	.00074	-.00025	4.38180
10.118	.800	-.01980	.48579	.04631	.01916	.47010	.13093	-.00266	.00041	-.00036	3.59051
10.119	.852	-.02032	.46834	.06022	.02596	.45047	.14156	-.00232	.00046	-.00037	3.18219
10.109	.901	-.01794	.49181	.07407	.01214	.47117	.15925	-.00284	.00026	-.00014	2.95878
10.131	.920	-.01751	.51042	.08115	.00156	.48819	.16966	-.00321	.00040	-.00011	2.87738
10.103	.951	-.01631	.56395	.08822	-.02770	.53973	.18578	-.00428	.00066	-.00025	2.90515
10.094	.959	-.01757	.56692	.09214	-.03118	.54200	.19008	-.00350	.00040	-.00047	2.85149
10.135	.981	-.01947	.57048	.10410	-.03205	.54327	.20286	-.00291	.00050	-.00063	2.67810
10.112	1.001	-.01819	.57467	.11854	-.03059	.54493	.21759	-.00365	.00064	-.00059	2.50435
10.095	1.020	-.01794	.58362	.12994	-.03675	.55181	.23022	-.00403	.00078	-.00066	2.39682
10.110	1.152	-.02092	.55676	.12741	-.04180	.52575	.22316	-.00333	.00092	-.00105	2.35593
10.125	1.200	-.01885	.56240	.12382	-.05624	.53187	.22076	-.00263	.00061	-.00027	2.40932
10.077	1.249	-.01813	.55127	.13448	-.06315	.51923	.22886	-.00221	.00038	-.00006	2.26873
	GRADIENT	.00369	.17968	.20607	-.15735	.14094	.23356	-.00056	-.00021	-.00068	-3.75702

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN042) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 9/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	[illegible]	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.167	.600	[illegible]	.19977	.04898	.02775	.19455	.06677	-.01451	.00379	.01271	2.91347
5.125	.700	[illegible]	.20738	.05127	.02895	.20197	.06959	-.01585	.00419	.01292	2.90224
5.070	.803	.02085	.22212	.05690	.02976	.21622	.07631	-.01816	.00468	.01329	2.83352
5.101	.852	.01912	.22916	.06498	.02855	.22247	.08510	-.01717	.00468	.01131	2.61423
5.088	.902	.01660	.23784	.07899	.02514	.22990	.09977	-.01811	.00550	.00841	2.30420
5.103	.921	.01973	.25211	.08669	.01724	.24340	.10878	-.02122	.00721	.00979	2.23762
5.089	.950	.01419	.27025	.09770	.00559	.26052	.12128	-.01510	.00539	.00946	2.14804
5.099	.961	.01276	.27227	.10291	.00436	.26205	.12670	-.01408	.00507	.00890	2.06826
5.108	.981	.01317	.27401	.11215	.00596	.26294	.13610	-.01341	.00466	.00888	1.93193
5.089	1.001	.01406	.27562	.12456	.00672	.26349	.14851	-.01354	.00465	.00901	1.77414
5.097	1.020	.01313	.29603	.13597	-.00717	.28277	.16173	-.01154	.00347	.00823	1.74840
5.119	1.051	.01291	.29881	.14697	-.01184	.28450	.17304	-.00855	.00250	.00810	1.64412
5.127	1.070	.01274	.29739	.15190	-.01416	.28262	.17787	-.00843	.00241	.00776	1.58893
5.108	1.100	.01375	.28733	.14780	-.01230	.27303	.17280	-.00898	.00267	.00799	1.58006
5.104	1.119	.01514	.28446	.14478	-.00835	.27045	.16951	-.01041	.00323	.00799	1.59549
5.125	1.150	.00790	.28721	.13975	-.01446	.27358	.16485	-.00768	.00231	.00642	1.65960
5.085	1.198	.00750	.28442	.13191	-.02364	.27161	.15660	-.00532	.00127	.00690	1.73437
5.097	1.253	.00550	.27768	.14279	-.02704	.26389	.16689	-.00386	.00085	.00658	1.58122
5.127	1.281	.00497	.27267	.14511	-.02756	.25861	.16890	-.00337	.00065	.00644	1.53116
	GRADIENT	-.01208	.14414	.18548	-.10488	.12706	.19750	.02310	-.00655	-.01123	-2.52150

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN043) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 10/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.168	.600	-.00966	.20112	.04880	.02761	.19590	.06672	.01348	-.00726	.00495	2.93613
5.128	.699	-.00670	.20836	.05114	.02884	.20296	.06956	.01164	-.00718	.00502	2.91792
5.129	.801	-.00567	.22422	.05628	.03076	.21829	.07610	.01247	-.00764	.00513	2.86858
5.103	.853	-.00329	.22228	.06460	.03319	.21565	.08412	.01228	-.00806	.00547	2.56365
5.115	.900	.00034	.23121	.07851	.03018	.22329	.09881	.01069	-.00805	.00570	2.25985
5.105	.919	-.00163	.24757	.08507	.02041	.23902	.10676	.01090	-.00755	.00540	2.23891
5.083	.951	-.00095	.27566	.09886	.00225	.26581	.12290	.01048	-.00764	.00482	2.16288
5.100	.961	-.00122	.27639	.10277	.00266	.26616	.12693	.01112	-.00784	.00502	2.09681
5.111	.979	-.00098	.27519	.11144	.00505	.26416	.13551	.01132	-.00800	.00499	1.94934
5.092	1.000	-.00031	.27837	.12493	.00671	.26618	.14914	.01131	-.00813	.00499	1.78474
5.096	1.020	.00030	.29657	.13560	-.00585	.28336	.16141	.01077	-.00799	.00484	1.75556
5.117	1.049	.00107	.29898	.14737	-.01034	.28464	.17345	.01009	-.00730	.00422	1.64108
5.109	1.070	.00198	.29624	.15232	-.01264	.28153	.17810	.00911	-.00700	.00405	1.58057
5.108	1.100	.00243	.28754	.14760	-.01109	.27326	.17261	.00899	-.00693	.00421	1.58305
5.117	1.120	.00299	.28590	.14334	-.00747	.27197	.16827	.00790	-.00649	.00395	1.61628
5.120	1.151	-.00108	.28442	.13982	-.01223	.27081	.16465	.00783	-.00595	.00385	1.64480
5.083	1.199	-.00277	.28186	.13196	-.02136	.26906	.15642	.00851	-.00588	.00375	1.72015
5.098	1.252	-.00375	.27675	.14224	-.02531	.26301	.16627	.00841	-.00563	.00354	1.58186
5.129	1.280	-.00404	.27388	.14467	-.02645	.25985	.16857	.00826	-.00551	.00340	1.54150
	GRADIENT	.00976	.14336	.18532	-.10346	.12635	.19717	-.00849	.00323	-.00310	-2.53736

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN044) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 300/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.130	.649	2.09241	.21630	.04964	.02381	.21099	.06879	-.04122	.00412	-.00254	3.06742
5.115	.699	2.09742	.22142	.05076	.02339	.21601	.07030	-.04257	.00443	-.00255	3.07273
5.122	.749	2.10085	.22631	.05244	.02425	.22072	.07244	-.04282	.00471	-.00292	3.04700
5.074	.851	2.11193	.23923	.06396	.02207	.23263	.08487	-.04618	.00551	-.00241	2.74099
5.091	.921	2.11843	.26155	.08462	.01150	.25301	.10749	-.05033	.00769	-.00215	2.35373
5.093	.959	2.10584	.28726	.10171	-.00361	.27710	.12681	-.04037	.00508	-.00505	2.18510
5.083	1.001	2.10816	.29187	.12545	-.00128	.27960	.15082	-.03849	.00387	-.00475	1.85393
5.078	1.020	2.10986	.30921	.13629	-.01298	.29593	.16313	-.03800	.00335	-.00454	1.81410
5.088	1.073	2.11065	.29675	.15184	-.01674	.28212	.17756	-.03728	.00321	-.00477	1.58888
5.091	1.119	2.11020	.28492	.14123	-.00517	.27126	.16596	-.03673	.00346	-.00493	1.63453
5 073	1.150	2.11249	.29404	.13809	-.02371	.28068	.16355	-.03528	.00237	-.00440	1.71622
5.071	1.250	2.11547	.27761	.14387	-.02731	.26381	.16785	-.03341	.00144	-.00354	1.57170
	GRADIENT	.03132	.14895	.20460	-.09683	.13033	.21666	.01690	-.00485	-.00395	-3.13660

LARC 16FT TWT 326(0A270A) 39-0 ORB. (RKN045) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 5/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.200	.600	-.01095	.09850	.05062	.07820	.09351	.05934	-.00166	.00063	.00017	1.57577
5.109	.699	-.01104	.09946	.05315	.08140	.09433	.06179	-.00136	.00068	.00010	1.52653
5.092	.802	-.00921	.11240	.05941	.08572	.10668	.06915	-.00228	.00062	.00007	1.54273
5.104	.852	-.00943	.14819	.06802	.07390	.14155	.08093	-.00186	.00038	-.00023	1.74892
5.144	.903	-.00582	.18260	.08272	.06311	.17435	.09875	-.00295	.00033	.00081	1.76555
5.123	.922	-.00643	.18961	.09057	.06243	.18077	.10714	-.00385	.00087	.00017	1.68722
5.129	.953	-.00749	.21141	.10129	.05048	.20151	.11979	-.00370	.00107	-.00009	1.68227
5.140	.960	-.00678	.21262	.10310	.04914	.20253	.12173	-.00422	.00112	-.00018	1.66376
5.103	.981	-.00727	.21413	.11145	.04984	.20336	.13005	-.00455	.00155	-.00017	1.56372
5.089	.998	-.00748	.21431	.12278	.05150	.20257	.14131	-.00459	.00146	-.00064	1.43351
5.096	1.019	-.00671	.23996	.13547	.03404	.22698	.15625	-.00432	.00129	-.00018	1.45268
5.120	1.051	-.00604	.25137	.14832	.02343	.23713	.17016	-.00265	.00085	.00001	1.39359
5.106	1.052	-.00384	.25114	.14532	.02377	.23721	.16710	-.00353	.00078	.00009	1.41963
5.115	1.073	-.00481	.24945	.15214	.02105	.23489	.17378	-.00321	.00091	.00015	1.35166
5.108	1.100	-.00534	.24095	.14800	.02247	.22681	.16886	-.00314	.00087	-.00025	1.34317
5.135	1.102	-.00589	.23895	.14933	.02362	.22463	.17011	-.00299	.00098	-.00008	1.32045
5.111	1.119	-.00463	.23791	.14518	.02803	.22403	.16580	-.00415	.00130	-.00023	1.35119
5.121	1.151	-.00530	.24243	.13862	.01594	.22909	.15971	-.00354	.00120	-.00007	1.43445
5.116	1.152	-.00559	.24540	.13589	.01386	.23231	.15723	-.00335	.00110	-.00023	1.47752
5.115	1.200	-.00584	.24158	.13163	.00660	.22888	.15264	-.00244	.00077	.00011	1.49948
5.114	1.252	-.00691	.23921	.14267	.00154	.22554	.16342	-.00173	.00049	-.00019	1.38011
5.115	1.263	-.00757	.23611	.14371	.00140	.22236	.16419	-.00131	.00047	-.00006	1.35430
5.069	1.280	-.00778	.23226	.14460	.00037	.21857	.16455	-.00064	.00024	.00015	1.32832
5.095	1.282	-.01053	.23490	.14415	-.00119	.22117	.16444	-.00074	.00031	-.00004	1.34498
	GRADIENT	.00518	.23416	.16954	-.14894	.21822	.18958	.00078	-.00012	-.00032	-.51507

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN046) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 6/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.202	.601	-.01112	.20722	.04828	.02481	.20199	.06687	-.00149	.00059	-.00002	3.02079
5.110	.699	-.00995	.21059	.05071	.02526	.20524	.06927	-.00212	.00075	.00020	2.96296
5.128	.802	-.00848	.23233	.05579	.02484	.22641	.07633	-.00273	.00061	.00001	2.96625
5.100	.851	-.00771	.23568	.06316	.02467	.22913	.08386	-.00273	.00041	-.00005	2.73237
5.139	.900	-.00562	.24168	.07662	.02198	.23385	.09796	-.00363	.00054	.00046	2.38723
5.109	.920	-.00492	.26122	.08406	.01005	.25270	.10699	-.00461	.00106	.00061	2.36191
5.116	.951	-.00817	.28403	.09685	-.00438	.27426	.12179	-.00299	.00074	-.00039	2.25187
5.127	.960	-.00853	.28461	.10103	-.00463	.27444	.12606	-.00293	.00074	-.00058	2.17699
5.124	.979	-.00839	.28260	.10897	-.00158	.27174	.13377	-.00304	.00078	-.00058	2.03137
5.141	.999	-.00823	.28677	.12199	.00000	.27469	.14720	-.00315	.00076	-.00068	1.86614
5.124	1.020	-.00848	.30437	.13414	-.01234	.29117	.16079	-.00283	.00066	-.00072	1.81090
5.110	1.050	-.00579	.30369	.14250	-.01505	.28979	.16898	-.00260	.00059	-.00038	1.71490
5.105	1.071	-.00563	.30179	.14933	-.01718	.28730	.17560	-.00287	.00067	-.00049	1.63617
5.141	1.101	-.00534	.29297	.14623	-.01582	.27869	.17189	-.00302	.00077	-.00027	1.62136
5.107	1.122	-.00522	.29117	.14057	-.01210	.27750	.16593	-.00359	.00106	-.00042	1.67239
5.134	1.151	-.00583	.28594	.13755	-.01534	.27248	.16259	-.00300	.00093	-.00027	1.67592
5.119	1.152	-.00546	.28730	.13553	-.01683	.27406	.16062	-.00327	.00093	-.00042	1.70622
5.100	1.199	-.00533	.28426	.13078	-.02441	.27151	.15553	-.00259	.00068	-.00001	1.74569
5.123	1.201	-.00662	.28220	.13042	-.02331	.26942	.15510	-.00166	.00049	.00008	1.73714
5.129	1.251	-.00702	.27965	.14138	-.02743	.26589	.16581	-.00160	.00039	-.00032	1.60356
5.134	1.253	-.00678	.27406	.14074	-.02562	.26036	.16470	-.00125	.00031	.00016	1.58082
5.112	1.262	-.00636	.27405	.14247	-.02631	.26027	.16632	-.00155	.00033	-.00001	1.56486
5.086	1.282	-.00677	.27123	.14381	-.02738	.25742	.16729	-.00089	.00012	.00015	1.53876
	GRADIENT	.00597	.10884	.16993	-.09689	.09332	.17877	.00131	-.00035	-.00026	-2.52237

LARC 16FT TWT 326(OA270A) 39-0 ORB. (RKN047) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 8/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	BETA	CN	CA	CLM	CL	CD	CY	CYN	CBL	L/D
5.223	.602	-.01002	.29768	.05042	-.01937	.29186	.07731	-.00263	.00075	.00014	3.77531
5.172	.699	-.00922	.30853	.05284	-.02163	.30251	.08044	-.00292	.00080	.00002	3.76080
5.134	.798	-.00773	.32619	.05883	-.02629	.31962	.08778	-.00328	.00066	-.00004	3.64092
5.153	.849	-.00839	.32537	.06640	-.02645	.31809	.09535	-.00267	.00044	-.00043	3.33595
5.115	.899	-.00610	.30757	.07776	-.02083	.29941	.10487	-.00356	.00046	-.00008	2.85498
5.107	.922	-.00527	.32526	.08732	-.03419	.31619	.11593	-.00500	.00115	-.00005	2.72745
5.122	.951	-.00968	.33753	.10126	-.04420	.32715	.13099	-.00255	.00075	-.00086	2.49751
5.109	.960	-.00818	.33495	.10606	-.04355	.32417	.13547	-.00324	.00076	-.00076	2.39297
5.144	.980	-.00790	.33686	.11658	-.04077	.32505	.14632	-.00335	.00079	-.00066	2.22150
5.112	1.001	-.00781	.33195	.12777	-.03414	.31924	.15684	-.00328	.00077	-.00064	2.03543
5.141	1.020	-.00631	.35395	.13933	-.04911	.34004	.17049	-.00384	.00076	-.00040	1.99450
5.127	1.050	-.00546	.35130	.14707	-.04937	.33675	.17788	-.00297	.00064	-.00056	1.89313
5.135	1.051	-.00415	.34955	.15113	-.04867	.33463	.18181	-.00357	.00072	-.00031	1.84047
5.104	1.071	-.00454	.34476	.15426	-.05002	.32968	.18432	-.00348	.00080	-.00035	1.78865
5.129	1.100	-.00425	.33719	.15121	-.04867	.32232	.18075	-.00358	.00082	-.00027	1.78325
5.104	1.101	-.00464	.33831	.15014	-.04947	.32362	.17964	-.00359	.00082	-.00056	1.80145
5.117	1.120	-.00448	.33522	.14618	-.04514	.32085	.17550	-.00394	.00107	-.00042	1.82818
5.111	1.152	-.00521	.32543	.13966	-.04601	.31170	.16809	-.00350	.00099	-.00049	1.85436
5.127	1.153	-.00458	.32442	.14103	-.04492	.31052	.16946	-.00375	.00101	-.00036	1.83247
5.105	1.201	-.00515	.32091	.13532	-.05285	.30760	.16334	-.00282	.00072	-.00015	1.88321
5.106	1.251	-.00566	.31395	.14632	-.05449	.29968	.17368	-.00221	.00046	-.00022	1.72545
5.114	1.252	-.00681	.31244	.14625	-.05340	.29816	.17352	-.00135	.00026	-.00017	1.71832
5.112	1.262	-.00642	.31018	.14742	-.05339	.29581	.17447	-.00163	.00036	-.00009	1.69546
5.101	1.264	-.00619	.30927	.14770	-.05345	.29491	.17461	-.00172	.00033	-.00016	1.68898
	GRADIENT	.00674	.01102	.18125	-.05873	-.00500	.18090	.00136	-.00030	-.00027	-3.68759

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN001) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 18.000

RUN NO. 138/ 0 RN/L = 3.07 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.602	-1.135	-.24847	-.24539	-.21192	-.23628	-.22616	-.22889	-.19878	-.17880	-.22900	-.20821
.604	-.148	-.24761	-.24462	-.21139	-.23591	-.22355	-.22748	-.19946	-.17733	-.22928	-.20761
.604	.345	-.24728	-.24477	-.21322	-.23587	-.22362	-.22727	-.19922	-.17666	-.22990	-.20703
.600	.857	-.24745	-.24381	-.21411	-.23484	-.22089	-.22490	-.20005	-.17859	-.22922	-.20668
.600	1.349	-.24785	-.24217	-.21419	-.23366	-.21914	-.22371	-.19998	-.17959	-.22757	-.20611
.599	1.862	-.24527	-.24175	-.21780	-.23309	-.21931	-.22444	-.20088	-.17929	-.22708	-.20577
.601	2.854	-.24071	-.23550	-.21407	-.22829	-.21711	-.22236	-.20148	-.18149	-.22074	-.20500
	GRADIENT	.00168	.00228	-.00107	.00190	.00234	.00170	-.00069	-.00084	.00190	.00083

RUN NO. 137/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.802	-1.065	-.25870	-.25756	-.20593	-.24687	-.24157	-.24389	-.21840	-.19825	-.24148	-.22694
.803	-.058	-.25629	-.25496	-.20729	-.24521	-.23914	-.24211	-.21946	-.19795	-.24006	-.22547
.804	.440	-.25565	-.25361	-.20655	-.24350	-.23640	-.24008	-.21933	-.19799	-.23871	-.22414
.800	.952	-.25403	-.25189	-.20648	-.24202	-.23479	-.23816	-.21611	-.19734	-.23742	-.22297
.801	1.425	-.25328	-.25104	-.20622	-.24088	-.23395	-.23800	-.21832	-.19702	-.23680	-.22250
.801	1.933	-.25219	-.25017	-.20445	-.24027	-.23299	-.23727	-.21860	-.19783	-.23462	-.22230
.799	2.936	-.25157	-.24813	-.20255	-.23715	-.23087	-.23543	-.21727	-.19937	-.23137	-.22124
	GRADIENT	.00186	.00238	.00093	.00245	.00275	.00218	.00035	-.00016	.00254	.00147

RUN NO. 136/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.900	-1.084	-.26798	-.26913	-.21938	-.25735	-.25552	-.25734	-.22765	-.20327	-.25311	-.23799
.903	-.069	-.26522	-.26628	-.21916	-.25463	-.25214	-.25426	-.22722	-.20112	-.25131	-.23506
.904	.432	-.26440	-.26471	-.21969	-.25360	-.25033	-.25200	-.22636	-.20155	-.25069	-.23361
.901	.969	-.26195	-.26221	-.21670	-.25064	-.24714	-.24947	-.22575	-.20130	-.24753	-.23157
.900	1.451	-.25886	-.25894	-.21410	-.24812	-.24502	-.24709	-.22468	-.20071	-.24471	-.22936
.900	1.951	-.25911	-.25904	-.21392	-.24723	-.24438	-.24659	-.22531	-.20150	-.24370	-.22941
.900	2.918	-.25255	-.25107	-.20882	-.24028	-.23807	-.24142	-.22327	-.20227	-.23492	-.22607
	GRADIENT	.00377	.00438	.00276	.00420	.00430	.00398	.00109	.00020	.00445	.00300

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN001) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 135/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.951	-1.081	-.30700	-.30712	-.27223	-.29378	-.29728	-.30036	-.28911	-.27570	-.29012	-.28344
.949	-.080	-.29984	-.30071	-.27221	-.28786	-.28985	-.29318	-.28282	-.26940	-.28502	-.27675
.949	.439	-.29611	-.29648	-.27072	-.28435	-.28602	-.28925	-.27820	-.26476	-.28188	-.27344
.949	.931	-.29410	-.29322	-.27061	-.28207	-.28288	-.28675	-.27617	-.26327	-.27930	-.27203
.950	1.434	-.29115	-.29016	-.26734	-.27915	-.27989	-.28447	-.27471	-.26242	-.27611	-.27071
.950	1.934	-.28959	-.28870	-.26777	-.27818	-.27875	-.28343	-.27449	-.26263	-.27493	-.27015
.948	2.912	-.28301	-.28166	-.26234	-.27244	-.27268	-.27779	-.26952	-.25834	-.26825	-.26571
	GRADIENT	.00578	.00630	.00246	.00524	.00604	.00546	.00470	.00407	.00540	.00414

RUN NO. 134/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.981	-1.077	-.34049	-.33859	-.29791	-.32523	-.32837	-.33293	-.32518	-.31582	-.31944	-.32109
.980	-.049	-.33164	-.32935	-.29510	-.31654	-.31873	-.32379	-.31723	-.30778	-.31201	-.31267
.979	.416	-.32771	-.32555	-.29285	-.31268	-.31465	-.31987	-.31371	-.30460	-.30848	-.30882
.979	.966	-.32500	-.32283	-.29060	-.30996	-.31168	-.31719	-.31164	-.30315	-.30550	-.30688
.982	1.431	-.32891	-.32635	-.29412	-.31402	-.31496	-.32093	-.31525	-.30692	-.30923	-.31128
.981	1.951	-.32608	-.32338	-.29351	-.31155	-.31236	-.31859	-.31343	-.30547	-.30682	-.30941
.980	2.948	-.32052	-.31714	-.28953	-.30671	-.30639	-.31312	-.30870	-.30211	-.30024	-.30566
	GRADIENT	.00426	.00460	.00168	.00393	.00476	.00420	.00342	.00271	.00410	.00312

RUN NO. 133/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	-1.063	-.40391	-.40330	-.37860	-.39339	-.39337	-.39594	-.38629	-.37496	-.38849	-.38787
1.050	-.068	-.40327	-.40251	-.37907	-.39238	-.39225	-.39529	-.38654	-.37401	-.38796	-.38751
1.052	.452	-.40463	-.40359	-.38119	-.39391	-.39341	-.39671	-.38793	-.37524	-.38971	-.38898
1.050	.950	-.40102	-.39940	-.37707	-.39029	-.38965	-.39310	-.38486	-.37293	-.38572	-.38597
1.050	1.455	-.40137	-.39963	-.37736	-.39095	-.39024	-.39359	-.38567	-.37371	-.38615	-.38638
1.050	1.932	-.40256	-.40130	-.37830	-.39231	-.39178	-.39521	-.38813	-.37609	-.38702	-.38799
1.048	2.948	-.39936	-.39739	-.37342	-.38982	-.38876	-.39276	-.38628	-.37492	-.38321	-.38562
	GRADIENT	.00109	.00143	.00124	.00083	.00107	.00076	-.00004	-.00011	.00126	.00051

LARC 16FT TWT 326(OA270A) 39-O ORB. (SKN001) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 132/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.101	-1.059	-.36010	-.36036	-.34320	-.35036	-.35094	-.35315	-.33523	-.32030	-.34862	-.34219
1.101	-.077	-.36564	-.36609	-.34822	-.35515	-.35625	-.35849	-.34217	-.32613	-.35430	-.34738
1.100	.454	-.36598	-.36574	-.34839	-.35525	-.35575	-.35828	-.34294	-.32673	-.35429	-.34777
1.101	.941	-.36699	-.36683	-.34919	-.35642	-.35694	-.35951	-.34494	-.32874	-.35543	-.34897
1.100	1.437	-.36713	-.36657	-.34839	-.35665	-.35678	-.35952	-.34645	-.33105	-.35549	-.34987
1.100	1.955	-.36743	-.36687	-.34873	-.35710	-.35712	-.35988	-.34773	-.33303	-.35557	-.35065
1.099	2.939	-.36773	-.36669	-.34788	-.35771	-.35715	-.36006	-.35003	-.33520	-.35517	-.35187
	GRADIENT	-.00167	-.00132	-.00094	-.00165	-.00131	-.00150	-.00351	-.00369	-.00142	-.00225

RUN NO. 131/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.202	-1.075	-.27109	-.27129	-.25005	-.26354	-.26381	-.26509	-.24910	-.24093	-.26230	-.25720
1.202	-.052	-.27354	-.27350	-.25309	-.26512	-.26597	-.26729	-.25362	-.24378	-.26430	-.26018
1.203	.433	-.27373	-.27340	-.25320	-.26539	-.26632	-.26756	-.25479	-.24426	-.26383	-.26085
1.202	.951	-.27371	-.27379	-.25388	-.26573	-.26665	-.26803	-.25643	-.24534	-.26373	-.26168
1.201	1.442	-.27280	-.27204	-.25382	-.26473	-.26580	-.26699	-.25582	-.24473	-.26264	-.26101
1.200	1.936	-.27322	-.27284	-.25447	-.26553	-.26654	-.26778	-.25722	-.24587	-.26283	-.26185
1.199	2.928	-.27347	-.27263	-.25486	-.26615	-.26715	-.26829	-.25878	-.24751	-.26256	-.26309
	GRADIENT	-.00038	-.00013	-.00108	-.00051	-.00067	-.00063	-.00224	-.00148	.00014	-.00129

RUN NO. 130/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.250	-1.068	-.30961	-.31148	-.29904	-.29744	-.30085	-.29917	-.28350	-.26825	-.31563	-.29333
1.252	-.048	-.31049	-.31106	-.29890	-.29839	-.30118	-.30036	-.28505	-.26961	-.31546	-.29467
1.253	.437	-.31175	-.31259	-.29779	-.29995	-.30263	-.30201	-.28699	-.27172	-.31510	-.29619
1.253	.932	-.31339	-.31456	-.29825	-.30227	-.30464	-.30452	-.29064	-.27569	-.31550	-.29865
1.253	1.445	-.31427	-.31527	-.29775	-.30337	-.30525	-.30573	-.29213	-.27826	-.31492	-.29996
1.252	1.946	-.31219	-.31286	-.29386	-.30139	-.30282	-.30388	-.29053	-.27747	-.30964	-.29821
1.252	2.962	-.31022	-.31064	-.29091	-.30006	-.30115	-.30274	-.29062	-.27914	-.30423	-.29735
	GRADIENT	-.00039	-.00013	.00202	-.00094	-.00033	-.00118	-.00211	-.00311	.00272	-.00127

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN002) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 73/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.952	.111	-.28506	-.28421	-.23796	-.27268	-.27256	-.27774	-.27226	-.26012	-.26702	-.26280
.952	2.612	-.27420	-.27203	-.23017	-.26274	-.26199	-.26783	-.26486	-.25485	-.25554	-.25671
.951	5.123	-.26669	-.26369	-.22450	-.25555	-.25458	-.26020	-.25747	-.25012	-.24562	-.25100
.951	8.132	-.26465	-.26062	-.22952	-.25350	-.25222	-.25714	-.25515	-.25128	-.24140	-.25056
.950	10.114	-.27189	-.26699	-.23334	-.26009	-.25941	-.26357	-.26101	-.25832	-.24637	-.25753
.950	12.125	-.29226	-.28666	-.25007	-.28004	-.27858	-.28300	-.28037	-.27812	-.26284	-.27718
.952	15.131	-.34412	-.33924	-.29851	-.33338	-.33011	-.33476	-.33299	-.33216	-.31284	-.32824
	GRADIENT	.00434	.00487	.00311	.00397	.00423	.00396	.00296	.00211	.00459	.00244

RUN NO. 67/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.053	.101	-.40448	-.40195	-.37317	-.39019	-.38843	-.39354	-.38173	-.36899	-.38937	-.38656
1.051	2.630	-.40332	-.40075	-.37148	-.38970	-.38864	-.39402	-.38557	-.37347	-.38516	-.38842
1.051	5.108	-.40475	-.40283	-.37490	-.39278	-.39306	-.39719	-.38969	-.38063	-.38679	-.39181
1.051	8.104	-.40962	-.40763	-.38091	-.39915	-.39935	-.40318	-.39465	-.38756	-.39335	-.39781
1.051	10.130	-.42343	-.42241	-.39211	-.41379	-.41465	-.41853	-.41041	-.40172	-.41198	-.41073
1.049	12.117	-.42943	-.42839	-.40035	-.42106	-.42313	-.42686	-.41920	-.41021	-.41660	-.41728
1.052	15.103	-.44197	-.44233	-.41559	-.43566	-.43920	-.44331	-.43425	-.41812	-.42679	-.43021
	GRADIENT	.00046	.00047	.00067	.00019	-.00008	-.00019	-.00102	-.00177	.00166	-.00074

RUN NO. 54/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.271	.098	-.32717	-.32547	-.30505	-.31091	-.31072	-.31234	-.30352	-.29503	-.33163	-.30878
1.273	2.611	-.32448	-.32269	-.30098	-.30989	-.30762	-.30965	-.30213	-.29779	-.31768	-.30793
1.269	5.105	-.32260	-.32115	-.29945	-.31203	-.30841	-.31133	-.30615	-.30248	-.31152	-.31046
1.269	8.098	-.32521	-.32404	-.30389	-.31724	-.31415	-.31756	-.31309	-.30615	-.31275	-.31585
1.269	10.100	-.33147	-.33016	-.31067	-.32446	-.32176	-.32567	-.32168	-.31119	-.31826	-.32168
1.265	12.132	-.34310	-.34259	-.32387	-.33779	-.33574	-.33847	-.33384	-.32344	-.33193	-.33126
1.255	15.118	-.36822	-.36772	-.34766	-.36198	-.36257	-.36431	-.35719	-.34410	-.35597	-.35092
	GRADIENT	.00107	.00111	.00162	.00041	.00123	.00107	.00055	-.00110	.00555	.00034

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN003) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 93/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.950	.162	-.28046	-.27996	-.23550	-.26931	-.26882	-.27397	-.26728	-.25411	-.26260	-.25828
.951	2.683	-.27332	-.27151	-.23053	-.26279	-.26199	-.26805	-.26400	-.25385	-.25501	-.25634
.951	5.167	-.26425	-.26162	-.22502	-.25423	-.25303	-.25869	-.25550	-.24757	-.24464	-.24941
.952	8.162	-.26535	-.26115	-.22983	-.25433	-.25309	-.25834	-.25580	-.25133	-.24229	-.25175
.949	10.177	-.27022	-.26475	-.23074	-.25864	-.25757	-.26201	-.25881	-.25573	-.24412	-.25595
.950	12.171	-.29323	-.28812	-.25167	-.28135	-.28009	-.28478	-.28169	-.27872	-.26389	-.27841
.951	15.174	-.34071	-.33651	-.29636	-.33048	-.32742	-.33241	-.33026	-.32857	-.31012	-.32560
	GRADIENT	.00283	.00335	.00197	.00259	.00271	.00235	.00130	.00010	.00301	.00077

RUN NO. 86/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.052	.143	-.40162	-.39934	-.37281	-.38744	-.38593	-.39078	-.37841	-.36523	-.38793	-.38384
1.051	2.639	-.39970	-.39780	-.37014	-.38650	-.38572	-.39100	-.38159	-.36884	-.38286	-.38528
1.052	5.150	-.40184	-.40034	-.37419	-.39010	-.39021	-.39466	-.38595	-.37639	-.38454	-.38910
1.053	8.148	-.40894	-.40860	-.38177	-.39981	-.40050	-.40349	-.39501	-.38846	-.39564	-.39762
1.048	10.143	-.41690	-.41632	-.38825	-.40846	-.40931	-.41231	-.40378	-.39655	-.41041	-.40448
1.052	12.138	-.43123	-.43122	-.40433	-.42314	-.42504	-.42839	-.42045	-.41122	-.42002	-.41907
1.050	15.163	-.43864	-.43925	-.41380	-.43241	-.43595	-.43959	-.43101	-.41549	-.42370	-.42702
	GRADIENT	.00077	.00062	.00107	.00038	.00010	-.00009	-.00127	-.00145	.00203	-.00058

RUN NO. 50/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.274	.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	2.619	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	5.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN004) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 106/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.952	.101	-.28191	-.28107	-.23864	-.27029	-.26990	-.27515	-.26904	-.25652	-.26433	-.26000
.952	2.631	-.27265	-.27080	-.22980	-.26221	-.26086	-.26701	-.26340	-.25313	-.25447	-.25557
.951	5.109	-.26495	-.26266	-.22562	-.25436	-.25355	-.25925	-.25659	-.24873	-.24450	-.25015
.953	8.124	-.26692	-.26296	-.23233	-.25611	-.25516	-.26005	-.25766	-.25318	-.24404	-.25346
.951	10.127	-.27145	-.26704	-.23393	-.26027	-.25975	-.26390	-.26131	-.25792	-.24590	-.25798
.951	12.122	-.29213	-.28656	-.25048	-.28000	-.27859	-.28315	-.28055	-.27799	-.26288	-.27749
.951	15.125	-.34101	-.33684	-.29621	-.33029	-.32728	-.33207	-.33067	-.32948	-.30919	-.32581
	GRADIENT	.00366	.00406	.00349	.00319	.00357	.00322	.00223	.00134	.00390	.00175

RUN NO. 101/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.052	.114	-.40894	-.40632	-.37889	-.39495	-.39297	-.39826	-.38594	-.37252	-.39491	-.39143
1.051	2.614	-.40809	-.40647	-.37925	-.39494	-.39424	-.39964	-.39119	-.37841	-.39097	-.39393
1.050	5.113	-.40785	-.40620	-.38074	-.39617	-.39629	-.40092	-.39298	-.38414	-.39053	-.39555
1.054	8.127	-.41612	-.41559	-.39049	-.40656	-.40650	-.41052	-.40356	-.39693	-.40018	-.40577
1.051	10.128	-.42745	-.42666	-.39711	-.41901	-.42013	-.42342	-.41451	-.40430	-.42386	-.41466
1.050	12.121	-.43750	-.43732	-.40965	-.42915	-.43096	-.43450	-.42688	-.41699	-.42599	-.42513
1.052	15.130	-.44985	-.45050	-.42669	-.44322	-.44696	-.45049	-.44184	-.42485	-.43580	-.43748
	GRADIENT	.00034	-.00006	-.00014	.00000	-.00051	-.00055	-.00210	-.00236	.00158	-.00100

LARC 16FT TWT 326(OA270A) 39-O ORB. (SKN005) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 75/ 0 RN/L = - 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.902	.098	-.26412	-.26479	-.21623	-.25415	-.25335	-.25508	-.23252	-.20294	-.24921	-.23501
.903	2.601	-.25176	-.25098	-.20708	-.24082	-.24073	-.24443	-.22922	-.20576	-.23310	-.22888
.901	5.113	-.24049	-.23880	-.20599	-.22854	-.22790	-.23331	-.22496	-.21101	-.21968	-.22318
.900	8.119	-.24300	-.24066	-.21158	-.23101	-.22858	-.23435	-.22842	-.21787	-.22107	-.22705
.902	10.127	-.25583	-.25280	-.22380	-.24332	-.24033	-.24646	-.23985	-.23003	-.23291	-.23854
.900	12.111	-.27367	-.27073	-.24212	-.26122	-.25820	-.26476	-.25632	-.24311	-.24952	-.25492
.902	15.113	-.31366	-.31028	-.28321	-.30256	-.29815	-.30593	-.29691	-.28124	-.28766	-.29266
	GRADIENT	.00494	.00552	.00366	.00533	.00504	.00425	.00132	-.00113	.00644	.00245

RUN NO. 71/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.952	.105	-.30139	-.30113	-.27333	-.28963	-.29187	-.29548	-.28587	-.27291	-.28608	-.27981
.952	2.622	-.29196	-.29103	-.26822	-.28231	-.28361	-.28888	-.28228	-.27154	-.27659	-.27730
.952	5.116	-.28218	-.28118	-.26079	-.27344	-.27514	-.27933	-.27245	-.26342	-.26589	-.26895
.951	8.112	-.27591	-.27418	-.24816	-.26695	-.26771	-.27133	-.26611	-.25974	-.25704	-.26328
.950	10.130	-.28624	-.28370	-.25380	-.27730	-.27740	-.28141	-.27754	-.27298	-.26347	-.27411
.954	12.125	-.31624	-.31257	-.27672	-.30740	-.30422	-.30929	-.30765	-.30654	-.28768	-.30362
.950	15.141	-.35250	-.34847	-.30565	-.34369	-.33865	-.34359	-.34188	-.34450	-.32082	-.33771
	GRADIENT	.00375	.00401	.00203	.00291	.00328	.00262	.00143	.00054	.00377	.00100

RUN NO. 72/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.979	.107	-.32791	-.32692	-.29258	-.31582	-.31727	-.32300	-.31646	-.30732	-.31108	-.31222
.981	2.620	-.32600	-.32545	-.29504	-.31573	-.31606	-.32231	-.31780	-.31055	-.30801	-.31427
.982	5.111	-.31980	-.31891	-.29081	-.31111	-.31195	-.31653	-.31265	-.30695	-.30028	-.30950
.981	8.125	-.32624	-.32534	-.29682	-.31708	-.31936	-.32315	-.31913	-.31294	-.30488	-.31573
.979	10.116	-.33473	-.33334	-.30394	-.32535	-.32692	-.33180	-.32784	-.32144	-.31136	-.32375
.979	12.098	-.35520	-.35292	-.32071	-.34705	-.34531	-.35032	-.34829	-.34346	-.33038	-.34353
.980	15.140	-.39685	-.39377	-.35296	-.38925	-.38497	-.38846	-.38732	-.38920	-.36460	-.38382
	GRADIENT	.00076	.00058	-.00098	.00004	.00048	.00027	-.00053	-.00129	.00122	-.00082

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN005) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 68/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.050	.096	-.39913	-.39865	-.37353	-.39080	-.39085	-.39420	-.38671	-.37362	-.38527	-.38637
1.049	2.615	-.40176	-.40123	-.37582	-.39478	-.39504	-.39858	-.39127	-.37769	-.38751	-.39017
1.050	5.134	-.40995	-.40969	-.38449	-.40355	-.40363	-.40760	-.40111	-.38885	-.39463	-.39921
1.052	8.108	-.41970	-.41922	-.39258	-.41364	-.41212	-.41776	-.41241	-.40093	-.40204	-.40896
1.052	10.114	-.42435	-.42404	-.39776	-.41791	-.41630	-.42323	-.42023	-.40843	-.40697	-.41458
1.051	12.116	-.43275	-.43267	-.40550	-.42626	-.42688	-.43321	-.42900	-.41349	-.41648	-.42150
1.051	15.106	-.45115	-.45124	-.42446	-.44381	-.44712	-.45136	-.44189	-.42121	-.43506	-.43547
	GRADIENT	-.00104	-.00102	-.00091	-.00158	-.00166	-.00174	-.00181	-.00162	-.00089	-.00151

RUN NO. 66/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.102	.113	-.37338	-.37314	-.35523	-.36296	-.36431	-.36660	-.35102	-.33187	-.36284	-.35487
1.103	2.621	-.37212	-.37174	-.35252	-.36363	-.36423	-.36661	-.35593	-.33794	-.36139	-.35773
1.101	5.125	-.37068	-.37025	-.35009	-.36394	-.36425	-.36717	-.35963	-.34399	-.35870	-.35896
1.101	8.085	-.36505	-.36450	-.34346	-.35960	-.35879	-.36331	-.35912	-.34767	-.35045	-.35499
1.100	10.096	-.36512	-.36484	-.34163	-.35908	-.35797	-.36405	-.36169	-.35077	-.35064	-.35550
1.099	12.117	-.37005	-.36955	-.34450	-.36461	-.36598	-.37117	-.36642	-.35042	-.35727	-.35803
1.099	15.100	-.38571	-.38625	-.36111	-.37786	-.38179	-.38409	-.37270	-.35285	-.37143	-.36885
	GRADIENT	.00050	.00056	.00108	-.00027	.00003	-.00000	-.00196	-.00242	.00058	-.00114

RUN NO. 65/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.202	.120	-.26329	-.26327	-.24313	-.25552	-.25626	-.25740	-.24866	-.24034	-.25236	-.25149
1.201	2.616	-.25916	-.25863	-.24140	-.25189	-.25345	-.25426	-.24525	-.23406	-.24815	-.24820
1.200	5.105	-.27077	-.27001	-.25205	-.26401	-.26568	-.26629	-.25960	-.24996	-.25845	-.26162
1.201	8.107	-.28136	-.28065	-.26019	-.27589	-.27594	-.27861	-.27366	-.26458	-.26706	-.27282
1.200	10.101	-.29092	-.28967	-.26590	-.28559	-.28421	-.28797	-.28476	-.27502	-.27408	-.28145
1.201	12.096	-.30342	-.30283	-.28014	-.29821	-.29770	-.30246	-.29922	-.28690	-.28779	-.29371
1.201	15.121	-.31807	-.31804	-.29713	-.31264	-.31611	-.31951	-.31158	-.29707	-.30428	-.30575
	GRADIENT	.00165	.00186	.00069	.00145	.00113	.00126	.00137	.00252	.00169	.00132

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN005) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 56/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.271	.117	-.32979	-.33201	-.31661	-.31767	-.32120	-.31994	-.30530	-.28933	-.33620	-.31344
1.272	2.598	-.32602	-.32755	-.30812	-.31429	-.31576	-.31724	-.30617	-.29153	-.32242	-.31163
1.271	5.106	-.33030	-.33107	-.30892	-.32047	-.32066	-.32365	-.31434	-.29998	-.32152	-.31816
1.268	8.094	-.34188	-.34211	-.32069	-.33323	-.33394	-.33618	-.32675	-.31162	-.32914	-.32948
1.270	10.097	-.34837	-.34768	-.32908	-.33929	-.34099	-.34291	-.33360	-.31976	-.33594	-.33281
1.266	12.089	-.35650	-.35610	-.33938	-.34740	-.34970	-.35169	-.34333	-.32877	-.34620	-.34131
1.258	15.112	-.37125	-.37036	-.35653	-.36418	-.36739	-.37066	-.36635	-.35267	-.36264	-.36193
	GRADIENT	.00152	.00180	.00342	.00136	.00219	.00109	-.00035	-.00089	.00555	.00073

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN006) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 97/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.902	.136	-.26294	-.26359	-.21430	-.25341	-.25194	-.25447	-.23014	-.20094	-.24804	-.23387
.902	2.652	-.24493	-.24404	-.20309	-.23408	-.23459	-.23891	-.22514	-.20441	-.22491	-.22462
.902	5.154	-.24021	-.23847	-.20620	-.22858	-.22777	-.23346	-.22465	-.20988	-.21895	-.22284
.902	8.149	-.24300	-.24064	-.21043	-.23114	-.22889	-.23501	-.22765	-.21683	-.22058	-.22663
.899	10.167	-.25338	-.25034	-.22127	-.24141	-.23765	-.24459	-.23748	-.22700	-.22988	-.23607
.901	12.177	-.27441	-.27197	-.24358	-.26236	-.25923	-.26631	-.25694	-.24226	-.24994	-.25537
.900	15.170	-.30826	-.30535	-.27803	-.29702	-.29286	-.30049	-.28871	-.27081	-.28300	-.28618
	GRADIENT	.00716	.00777	.00446	.00768	.00690	.00618	.00199	-.00138	.00919	.00368

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN006) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 94/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.951	.145	-.30171	-.30131	-.27366	-.29015	-.29211	-.29610	-.28518	-.27160	-.28619	-.28019
.952	2.642	-.29108	-.29044	-.26810	-.28158	-.28287	-.28820	-.28057	-.26920	-.27546	-.27624
.950	5.150	-.27889	-.27774	-.25760	-.27014	-.27105	-.27573	-.26822	-.25832	-.26261	-.26525
.949	8.156	-.27378	-.27138	-.24393	-.26454	-.26429	-.26871	-.26351	-.25768	-.25376	-.26100
.948	10.158	-.28272	-.27999	-.24942	-.27358	-.27350	-.27775	-.27354	-.26891	-.26018	-.27053
.951	12.151	-.31029	-.30673	-.27064	-.30115	-.29738	-.30274	-.30159	-.29986	-.28168	-.29768
.951	15.190	-.35394	-.35010	-.30762	-.34521	-.34048	-.34537	-.34360	-.34541	-.32223	-.33951
	GRADIENT	.00426	.00435	.00223	.00343	.00370	.00316	.00185	.00096	.00430	.00158

RUN NO. 92/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.980	.131	-.33281	-.33182	-.29704	-.32078	-.32251	-.32845	-.32136	-.31146	-.31548	-.31744
.981	2.672	-.32559	-.32495	-.29460	-.31569	-.31641	-.32260	-.31746	-.30943	-.30752	-.31388
.980	5.164	-.31587	-.31519	-.28715	-.30753	-.30826	-.31322	-.30898	-.30327	-.29630	-.30590
.978	8.167	-.31793	-.31637	-.28896	-.30907	-.31096	-.31506	-.31078	-.30597	-.29763	-.30758
.982	10.160	-.34061	-.33911	-.31198	-.33174	-.33285	-.33761	-.33350	-.32675	-.31901	-.32971
.982	12.185	-.35956	-.35785	-.32530	-.35227	-.35053	-.35550	-.35303	-.34706	-.33495	-.34845
.980	15.176	-.39687	-.39374	-.35185	-.38897	-.38459	-.38835	-.38701	-.38899	-.36341	-.38405
	GRADIENT	.00284	.00270	.00096	.00200	.00240	.00230	.00153	.00080	.00313	.00140

RUN NO. 87/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.051	.138	-.39776	-.39750	-.37247	-.38947	-.38923	-.39276	-.38516	-.37233	-.38388	-.38540
1.050	2.653	-.40215	-.40226	-.37775	-.39506	-.39560	-.39884	-.39193	-.37857	-.38820	-.39105
1.053	5.149	-.41271	-.41259	-.38787	-.40621	-.40616	-.40983	-.40354	-.39127	-.39767	-.40212
1.049	8.153	-.41733	-.41792	-.39047	-.41139	-.41013	-.41539	-.41140	-.39966	-.39944	-.40715
1.051	10.146	-.42346	-.42361	-.39708	-.41684	-.41530	-.42191	-.41889	-.40693	-.40632	-.41344
1.049	12.149	-.42893	-.42922	-.40169	-.42230	-.42308	-.42916	-.42455	-.40989	-.41289	-.41792
1.050	15.163	-.44987	-.45111	-.42300	-.44293	-.44623	-.44988	-.44150	-.42117	-.43407	-.43478
	GRADIENT	-.00175	-.00189	-.00210	-.00222	-.00253	-.00242	-.00269	-.00248	-.00172	-.00225

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN006) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 85/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.102	.139	-.37519	-.37536	-.35751	-.36447	-.36583	-.36854	-.35265	-.33354	-.36443	-.35672
1.102	2.635	-.37079	-.37077	-.35208	-.36256	-.36264	-.36503	-.35456	-.33661	-.35997	-.35642
1.103	5.147	-.36922	-.36894	-.34947	-.36166	-.36188	-.36482	-.35674	-.34136	-.35679	-.35694
1.099	8.146	-.36552	-.36541	-.34499	-.35996	-.35972	-.36387	-.35916	-.34749	-.35114	-.35573
1.102	10.148	-.36279	-.36262	-.34113	-.35660	-.35636	-.36172	-.35901	-.34762	-.34857	-.35300
1.101	12.149	-.36642	-.36635	-.34291	-.36045	-.36151	-.36680	-.36258	-.34763	-.35366	-.35462
1.101	15.151	-.38250	-.38335	-.35952	-.37440	-.37847	-.38077	-.36913	-.34958	-.36836	-.36556
	GRADIENT	.00176	.00184	.00218	.00077	.00128	.00141	-.00077	-.00123	.00179	.00012

RUN NO. 90/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.203	.128	-.27440	-.27435	-.25103	-.26758	-.26841	-.26973	-.26163	-.25220	-.26313	-.26426
1.197	2.657	-.27311	-.27264	-.25195	-.26728	-.26845	-.26956	-.26261	-.25276	-.26153	-.26450
1.201	5.160	-.28305	-.28221	-.26020	-.27797	-.27825	-.28004	-.27529	-.26640	-.26964	-.27521
1.201	8.150	-.29566	-.29479	-.27049	-.29036	-.29012	-.29356	-.28884	-.27876	-.28009	-.28742
1.200	10.135	-.30629	-.30530	-.27871	-.30043	-.30004	-.30434	-.29942	-.28738	-.28952	-.29645
1.197	12.141	-.31633	-.31656	-.28939	-.31101	-.31090	-.31614	-.31267	-.29866	-.30054	-.30626
1.202	15.151	-.32822	-.32766	-.30395	-.32261	-.32627	-.32998	-.32053	-.30550	-.31408	-.31528
	GRADIENT	.00051	.00068	-.00036	.00012	-.00002	.00007	-.00039	-.00022	.00063	-.00009

RUN NO. 40/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.277	.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	4.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	5.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	6.128	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	7.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	8.142	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	9.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	10.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	11.106	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	12.131	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	13.129	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.264	15.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	20.134	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN007) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 109/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	.097	-.26325	-.26381	-.21616	-.25386	-.25182	-.25431	-.23060	-.20136	-.24900	-.23412
.902	2.622	-.24876	-.24795	-.20523	-.23788	-.23782	-.24200	-.22686	-.20471	-.22977	-.22706
.903	5.125	-.24032	-.23856	-.20658	-.22866	-.22811	-.23359	-.22440	-.20967	-.21972	-.22307
.899	8.136	-.24296	-.24012	-.21137	-.23055	-.22842	-.23469	-.22812	-.21750	-.22026	-.22671
.898	10.136	-.25275	-.24948	-.22097	-.24048	-.23698	-.24363	-.23665	-.22687	-.22975	-.23592
.901	12.123	-.27420	-.27095	-.24352	-.26147	-.25783	-.26511	-.25622	-.24306	-.24958	-.25513
.898	15.126	-.30755	-.30407	-.27653	-.29677	-.29193	-.29998	-.28946	-.27244	-.28134	-.28607
	GRADIENT	.00574	.00628	.00433	.00633	.00554	.00488	.00148	-.00133	.00762	.00280

RUN NO. 107/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.952	.100	-.30183	-.30153	-.27445	-.29053	-.29181	-.29629	-.28623	-.27315	-.28682	-.28101
.951	2.616	-.28943	-.28854	-.26580	-.28002	-.28097	-.28654	-.27875	-.26750	-.27436	-.27472
.951	5.111	-.27923	-.27819	-.25798	-.27060	-.27150	-.27619	-.26894	-.25953	-.26320	-.26594
.953	8.114	-.28046	-.27910	-.25284	-.27110	-.27244	-.27621	-.27053	-.26333	-.26134	-.26814
.951	10.129	-.28381	-.28123	-.25081	-.27483	-.27509	-.27901	-.27465	-.26964	-.26138	-.27195
.949	12.115	-.30401	-.30053	-.26505	-.29471	-.29189	-.29700	-.29555	-.29301	-.27575	-.29146
.951	15.140	-.35150	-.34731	-.30420	-.34209	-.33713	-.34196	-.34068	-.34310	-.31915	-.33656
	GRADIENT	.00493	.00516	.00344	.00418	.00431	.00388	.00297	.00225	.00495	.00250

RUN NO. 105/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.982	.126	-.33198	-.33101	-.29788	-.32038	-.32112	-.32730	-.32114	-.31163	-.31527	-.31703
.981	2.614	-.32278	-.32152	-.29271	-.31276	-.31292	-.31941	-.31424	-.30708	-.30493	-.31128
.981	5.098	-.31857	-.31766	-.29022	-.31029	-.31076	-.31546	-.31154	-.30577	-.29925	-.30875
.983	8.105	-.33096	-.32936	-.30235	-.32166	-.32343	-.32780	-.32232	-.31540	-.30972	-.32031
.982	10.140	-.33938	-.33835	-.31108	-.33037	-.33180	-.33637	-.33257	-.32565	-.31814	-.32859
.982	12.122	-.36008	-.35812	-.32622	-.35244	-.35123	-.35586	-.35336	-.34716	-.33540	-.34885
.980	15.114	-.39235	-.38920	-.34779	-.38467	-.38013	-.38383	-.38238	-.38437	-.35954	-.37973
	GRADIENT	.00370	.00381	.00208	.00306	.00330	.00317	.00277	.00183	.00416	.00231

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN007) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DA.A

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

RUN NO. 102/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.051	.093	-.40662	-.40643	-.38219	-.39795	-.39821	-.40143	-.39331	-.37954	-.39340	-.39358
1.051	2.616	-.41100	-.41091	-.38674	-.40369	-.40402	-.40728	-.40024	-.38596	-.39778	-.39949
1.053	5.125	-.41917	-.41870	-.39423	-.41269	-.41204	-.41608	-.40936	-.39696	-.40476	-.40845
1.052	8.114	-.42525	-.42475	-.39816	-.41903	-.41741	-.42296	-.41815	-.40620	-.40760	-.41454
1.051	10.096	-.43054	-.43073	-.40276	-.42431	-.42199	-.42890	-.42688	-.41502	-.41307	-.42051
1.051	12.123	-.43793	-.43732	-.41093	-.43116	-.43121	-.43783	-.43334	-.41782	-.42185	-.42643
1.051	15.110	-.45927	-.46002	-.43304	-.45175	-.45507	-.45860	-.44919	-.42827	-.44428	-.44329
	GRADIENT	-.00174	-.00178	-.00180	-.00228	-.00230	-.00232	-.00275	-.00254	-.00174	-.00234

RUN NO. 100/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.099	.104	-.37598	-.37607	-.35923	-.36531	-.36653	-.36895	-.35402	-.33533	-.36512	-.35779
1.100	2.621	-.37335	-.37309	-.35511	-.36477	-.36494	-.36744	-.35787	-.33994	-.36258	-.35923
1.102	5.133	-.37111	-.37058	-.35231	-.36395	-.36404	-.36681	-.35906	-.34415	-.35900	-.35928
1.101	8.104	-.36586	-.36514	-.34590	-.36003	-.35959	-.36387	-.35908	-.34721	-.35127	-.35558
1.102	10.107	-.36432	-.36423	-.34208	-.35843	-.35681	-.36296	-.36134	-.35052	-.34919	-.35516
1.101	12.136	-.36737	-.36714	-.34383	-.36132	-.36248	-.36813	-.36447	-.34918	-.35448	-.35614
1.100	15.118	-.38560	-.38618	-.36285	-.37704	-.38101	-.38319	-.37126	-.35149	-.37128	-.36826
	GRADIENT	.00104	.00118	.00164	.00021	.00064	.00060	-.00153	-.00183	.00101	-.00057

RUN NO. 99/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.202	.117	-.25032	-.24956	-.23170	-.24143	-.24256	-.24403	-.23273	-.22191	-.23933	-.23657
1.202	2.622	-.25505	-.25432	-.23837	-.24755	-.24917	-.25004	-.24070	-.22910	-.24415	-.24406
1.201	5.109	-.26817	-.26719	-.24998	-.26113	-.26244	-.26351	-.25656	-.24631	-.25605	-.25886
1.200	8.104	-.27991	-.27906	-.26032	-.27410	-.27432	-.27693	-.27162	-.26212	-.26586	-.27145
1.198	10.120	-.28966	-.28845	-.26599	-.28365	-.28286	-.28696	-.28272	-.27252	-.27302	-.28030
1.199	12.118	-.30200	-.30138	-.27964	-.29629	-.29621	-.30101	-.29751	-.28522	-.28616	-.29233
1.204	15.110	-.31610	-.31601	-.29549	-.30974	-.31392	-.31716	-.30836	-.29361	-.30206	-.30436
	GRADIENT	-.00189	-.00190	-.00266	-.00244	-.00264	-.00240	-.00318	-.00287	-.00192	-.00299

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN008) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 91/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.981	.155	-.33470	-.33416	-.29904	-.32307	-.32436	-.33033	-.32356	-.31373	-.31760	-.31951
.982	2.660	-.32830	-.32759	-.29707	-.31815	-.31890	-.32515	-.31970	-.31159	-.31011	-.31654
.981	5.151	-.32026	-.31954	-.29133	-.31226	-.31268	-.31774	-.31331	-.30701	-.30070	-.31023
.983	8.182	-.33146	-.33031	-.30317	-.32300	-.32463	-.32879	-.32397	-.31818	-.31153	-.32125
.979	10.172	-.33790	-.33641	-.30911	-.32878	-.32993	-.33495	-.33055	-.32330	-.31619	-.32685
.980	12.161	-.35819	-.35654	-.32367	-.35074	-.34904	-.35412	-.35214	-.34605	-.33288	-.34717
.979	15.173	-.40200	-.39892	-.35922	-.39437	-.39044	-.39439	-.39288	-.39363	-.36898	-.38913
	GRADIENT	.00255	.00262	.00079	.00196	.00218	.00207	.00154	.00085	.00299	.00119

RUN NO. 60/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	.071	-.40943	-.40967	-.38571	-.40127	-.40162	-.40454	-.39628	-.38209	-.39617	-.39619
1.051	2.630	-.41436	-.41429	-.39110	-.40738	-.40783	-.41126	-.40362	-.38872	-.40125	-.40276
1.049	5.100	-.41672	-.41682	-.39219	-.41082	-.41036	-.41445	-.40865	-.39664	-.40136	-.40628
	GRADIENT	-.00193	-.00181	-.00211	-.00239	-.00243	-.00263	-.00287	-.00259	-.00199	-.00257

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN009) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 74/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.953	.101	-.31945	-.31897	-.29319	-.30839	-.30959	-.31431	-.30186	-.29003	-.30559	-.30139
.950	2.622	-.30632	-.30559	-.28381	-.29713	-.29669	-.30165	-.29202	-.28230	-.29134	-.29163
.949	5.108	-.29933	-.29813	-.27986	-.28989	-.29051	-.29396	-.28274	-.27451	-.28246	-.28451
.950	8.119	-.30037	-.29808	-.27479	-.29037	-.29159	-.29436	-.28402	-.27532	-.27914	-.28530
.951	10.107	-.30825	-.30657	-.27523	-.29955	-.29996	-.30393	-.29893	-.29208	-.28417	-.29555
.949	12.093	-.32127	-.31816	-.28200	-.31338	-.30935	-.31452	-.31348	-.31215	-.29263	-.30863
.950	15.122	-.37322	-.36800	-.33079	-.36051	-.35938	-.36468	-.36248	-.35961	-.34250	-.35510
	GRADIENT	.00521	.00531	.00372	.00447	.00512	.00502	.00390	.00307	.00565	.00387

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN009) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 70/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.050	.093	-.40599	-.40577	-.38150	-.39838	-.39729	-.40053	-.39591	-.38780	-.39235	-.39525
1.049	2.616	-.40964	-.40874	-.38572	-.40257	-.40305	-.40537	-.39955	-.39105	-.39608	-.39961
1.051	5.114	-.42255	-.42152	-.40069	-.41564	-.41663	-.41921	-.41130	-.40105	-.40988	-.41267
1.052	8.105	-.44040	-.44004	-.41757	-.43233	-.43479	-.43755	-.42564	-.40430	-.42600	-.42556
1.052	10.117	-.45239	-.45169	-.42959	-.44220	-.44544	-.44909	-.43671	-.41538	-.43587	-.43121
1.052	12.125	-.46187	-.46155	-.43883	-.45134	-.45493	-.45823	-.44613	-.42374	-.44589	-.43764
1.051	15.124	-.47577	-.47502	-.45165	-.46584	-.46849	-.47124	-.45543	-.43131	-.45978	-.45188
	GRADIENT	-.00121	-.00118	-.00167	-.00166	-.00228	-.00192	-.00144	-.00129	-.00148	-.00173

RUN NO. 59/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.248	.105	-.32563	-.32721	-.30128	-.31456	-.31721	-.31826	-.30340	-.28456	-.32462	-.30948
1.251	2.596	-.32490	-.32633	-.30230	-.31507	-.31635	-.31792	-.30715	-.29234	-.31754	-.31156
1.250	5.100	-.33797	-.33913	-.31424	-.32903	-.33055	-.33228	-.32151	-.30535	-.32736	-.32568
1.249	8.103	-.35052	-.35067	-.32812	-.34207	-.34336	-.34528	-.32794	-.30599	-.33694	-.33651
1.248	10.110	-.36128	-.36117	-.34132	-.35265	-.35368	-.35580	-.33388	-.30800	-.34856	-.34393
1.248	12.128	-.37437	-.37353	-.35648	-.36475	-.36663	-.36818	-.34610	-.31728	-.36255	-.35112
1.238	15.097	-.38017	-.38039	-.36383	-.37136	-.37387	-.37545	-.36427	-.34812	-.37016	-.36172
	GRADIENT	.00029	.00035	-.00041	-.00020	.00036	.00014	-.00151	-.00312	.00284	-.00084

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN010) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 96/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.952	.144	-.31834	-.31773	-.29219	-.30784	-.30894	-.31378	-.30023	-.28739	-.30391	-.30032
.952	2.646	-.30828	-.30753	-.28623	-.29915	-.29899	-.30435	-.29407	-.28386	-.29253	-.29381
.950	5.183	-.30047	-.29880	-.28046	-.29087	-.29208	-.29561	-.28356	-.27455	-.28276	-.28533
.948	8.170	-.29456	-.29295	-.26863	-.28579	-.28618	-.28940	-.27968	-.27196	-.27536	-.28026
.951	10.145	-.30784	-.30560	-.27542	-.29937	-.29908	-.30386	-.29925	-.29302	-.28335	-.29532
.951	12.142	-.32852	-.32521	-.28798	-.32076	-.31615	-.32171	-.32035	-.31988	-.29922	-.31613
.951	15.143	-.37960	-.37318	-.33862	-.36651	-.36568	-.37132	-.36823	-.36469	-.34990	-.36099
	GRADIENT	.00402	.00408	.00238	.00347	.00398	.00377	.00246	.00141	.00455	.00260

RUN NO. 89/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	.148	-.40108	-.40146	-.37518	-.39404	-.39252	-.39601	-.39161	-.38351	-.38699	-.39113
1.050	2.657	-.40895	-.40881	-.38421	-.40246	-.40270	-.40525	-.39933	-.38944	-.39533	-.39967
1.051	5.143	-.42090	-.42013	-.39708	-.41424	-.41477	-.41742	-.40959	-.39869	-.40767	-.41128
1.048	8.144	-.43480	-.43471	-.41105	-.42699	-.42936	-.43243	-.42043	-.39930	-.41974	-.42035
1.052	10.145	-.45102	-.45016	-.42701	-.44117	-.44394	-.44725	-.43391	-.41133	-.43448	-.42993
1.051	12.125	-.45900	-.45849	-.43577	-.44843	-.45185	-.45540	-.44394	-.42200	-.44273	-.43501
1.049	15.144	-.46995	-.46921	-.44499	-.46012	-.46227	-.46499	-.44936	-.42712	-.45309	-.44613
	GRADIENT	-.00314	-.00293	-.00360	-.00336	-.00406	-.00368	-.00308	-.00236	-.00332	-.00340

LARC 16FT TWT 326(OA270A) 39-O ORB. (SKN011) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 108/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.950	.118	-.31520	-.31460	-.29185	-.30461	-.30550	-.31034	-.29671	-.28388	-.30127	-.29709
.950	2.599	-.30433	-.30305	-.28185	-.29499	-.29435	-.29979	-.28922	-.27894	-.28906	-.28958
.949	5.100	-.29928	-.29779	-.27957	-.28980	-.29054	-.29430	-.28299	-.27441	-.28172	-.28478
.951	8.118	-.30512	-.30243	-.28103	-.29484	-.29597	-.29908	-.28909	-.27986	-.28364	-.28977
.951	10.126	-.30908	-.30662	-.27727	-.30014	-.30054	-.30465	-.29914	-.29196	-.28499	-.29593
.950	12.108	-.32007	-.31716	-.28182	-.31263	-.30916	-.31455	-.31260	-.30927	-.29198	-.30817
.949	15.127	-.37028	-.36446	-.32766	-.35681	-.35578	-.36129	-.35866	-.35565	-.33875	-.35156
	GRADIENT	.00438	.00466	.00403	.00388	.00449	.00425	.00302	.00199	.00492	.00303

RUN NO. 104/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	.115	-.41035	-.41081	-.38471	-.40270	-.40171	-.40481	-.40050	-.39144	-.39643	-.39967
1.051	2.616	-.41746	-.41750	-.39390	-.41086	-.41129	-.41357	-.40736	-.39704	-.40471	-.40812
1.051	5.098	-.42713	-.42611	-.40505	-.42052	-.42070	-.42355	-.41543	-.40446	-.41441	-.41735
1.051	8.088	-.44356	-.44344	-.42015	-.43559	-.43773	-.44079	-.42834	-.40687	-.42917	-.42912
1.049	10.119	-.45450	-.45348	-.43059	-.44439	-.44704	-.45070	-.43788	-.41628	-.43754	-.43374
1.051	12.099	-.46626	-.46567	-.44360	-.45546	-.45882	-.46237	-.45062	-.42759	-.45048	-.44136
1.052	15.111	-.48237	-.48183	-.45870	-.47192	-.47396	-.47673	-.45977	-.43490	-.46673	-.45615
	GRADIENT	-.00284	-.00267	-.00367	-.00326	-.00382	-.00350	-.00274	-.00224	-.00331	-.00338

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN012) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = -5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 154/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.603	.156	-.22766	-.22593	-.20054	-.21695	-.21281	-.21730	-.19919	-.17053	-.20387	-.20021
.602	2.644	-.22843	-.22576	-.20452	-.21524	-.21026	-.21511	-.19920	-.17409	-.20517	-.19919
.603	5.153	-.22954	-.22748	-.22743	-.21643	-.21402	-.21837	-.20460	-.17970	-.20959	-.20126
.601	8.164	-.22436	-.22133	-.21595	-.20999	-.20873	-.21525	-.20683	-.18594	-.20389	-.20076
.604	10.165	-.22774	-.22456	-.21803	-.21272	-.21213	-.21881	-.20940	-.18896	-.20633	-.20389
.601	12.173	-.23489	-.23302	-.22167	-.22233	-.21865	-.22727	-.21919	-.19709	-.21294	-.21173
	GRADIENT	-.00031	.00007	-.00160	.00069	.00102	.00088	-.00000	-.00143	-.00052	.00041

RUN NO. 150/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.897	.078	-.25021	-.24977	-.21052	-.23894	-.24180	-.24707	-.24144	-.22607	-.22501	-.23275
.902	2.582	-.24587	-.24447	-.21799	-.23417	-.23513	-.24124	-.23722	-.22478	-.22297	-.22906
.902	5.068	-.24146	-.23919	-.21771	-.22792	-.22876	-.23518	-.23140	-.22032	-.21847	-.22443
.898	8.098	-.23892	-.23606	-.21595	-.22587	-.22390	-.23063	-.22628	-.21668	-.21611	-.22277
.900	10.074	-.24700	-.24377	-.21928	-.23436	-.23030	-.23693	-.23213	-.22294	-.22243	-.22951
.899	12.120	-.26030	-.25712	-.22900	-.24791	-.24436	-.25031	-.24296	-.23098	-.23561	-.24113
	GRADIENT	.00173	.00212	-.00298	.00190	.00267	.00233	.00169	.00052	.00081	.00147

RUN NO. 147/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.954	.082	-.27767	-.27205	-.23830	-.26545	-.26633	-.27029	-.26816	-.26099	-.24875	-.26079
.948	2.590	-.26409	-.26130	-.22920	-.25419	-.25430	-.25799	-.25796	-.25141	-.23645	-.24948
.949	5.103	-.25557	-.25218	-.22144	-.24657	-.24532	-.24925	-.24893	-.24515	-.22911	-.24317
.949	8.088	-.25885	-.25436	-.22126	-.24844	-.24701	-.25124	-.25068	-.24903	-.23133	-.24600
.953	10.090	-.27321	-.26797	-.23354	-.26222	-.26057	-.26521	-.26327	-.26169	-.24610	-.26016
.951	12.088	-.29155	-.28350	-.24328	-.27911	-.27543	-.28018	-.27821	-.27767	-.25767	-.27555
	GRADIENT	.00541	.00429	.00363	.00449	.00480	.00490	.00407	.00382	.00490	.00451

RUN NO. 140/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.248	.093	-.32543	-.31703	-.29210	-.30256	-.29867	-.30253	-.29320	-.28132	-.31154	-.30078
1.252	2.594	-.32393	-.31484	-.28849	-.30392	-.30013	-.30424	-.29675	-.28786	-.30319	-.30193
1.251	5.096	-.32417	-.31511	-.29193	-.30757	-.30394	-.30927	-.30405	-.29314	-.30154	-.30633
1.248	8.109	-.32849	-.32069	-.30093	-.31551	-.31239	-.31570	-.31068	-.30334	-.30839	-.31285
1.250	10.110	-.33370	-.32777	-.30912	-.32368	-.32114	-.32419	-.31849	-.31204	-.31673	-.31941
1.250	12.087	-.34167	-.33421	-.31421	-.33030	-.32723	-.33056	-.32625	-.31846	-.32194	-.32429
	GRADIENT	.00060	.00088	.00144	-.00054	-.00058	-.00068	-.00142	-.00261	.00334	-.00046

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN013) (21 AUG /8)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 155/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.602	.152	-.23953	-.23871	-.21308	-.23031	-.22729	-.23376	-.21989	-.19095	-.21561	-.21402
.602	2.667	-.23839	-.23735	-.21808	-.22735	-.22489	-.23109	-.21791	-.19119	-.21653	-.21226
.598	5.148	-.24533	-.24192	-.24278	-.22802	-.22849	-.23392	-.22311	-.19765	-.22053	-.21324
.601	8.153	-.23965	-.23586	-.23336	-.22136	-.22344	-.22915	-.22235	-.20109	-.21532	-.21187
.598	10.162	-.24185	-.23797	-.23672	-.22454	-.22583	-.23255	-.22534	-.20598	-.21835	-.21546
.599	12.151	-.24737	-.24511	-.23712	-.23268	-.23374	-.24195	-.23576	-.21846	-.22279	-.22198
	GRADIENT	.00045	.00054	-.00199	.00118	.00095	.00106	.00079	-.00010	-.00037	.00070

RUN NO. 153/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.799	.078	-.25188	-.25175	-.21121	-.24130	-.24216	-.24799	-.23947	-.21848	-.22903	-.23033
.803	2.585	-.24815	-.24639	-.21798	-.23626	-.23593	-.24202	-.23471	-.21642	-.22536	-.22677
.803	5.077	-.24698	-.24506	-.21926	-.23405	-.23349	-.24084	-.23494	-.21841	-.22342	-.22638
.803	8.115	-.24637	-.24360	-.21872	-.23252	-.23270	-.24005	-.23448	-.22146	-.22244	-.22727
.802	10.110	-.25227	-.24904	-.22731	-.23859	-.23809	-.24573	-.23964	-.22692	-.22777	-.23318
.801	12.097	-.26462	-.26250	-.23934	-.25225	-.25121	-.25905	-.25230	-.23833	-.23996	-.24463
	GRADIENT	.00149	.00214	-.00270	.00201	.00246	.00238	.00190	.00082	.00146	.00142

RUN NO. 151/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.900	.077	-.25540	-.25574	-.21693	-.24732	-.25143	-.25640	-.25186	-.24122	-.23073	-.23992
.901	2.577	-.25106	-.25012	-.22330	-.24031	-.24397	-.24934	-.24561	-.23511	-.22885	-.23493
.900	5.095	-.24661	-.24432	-.22160	-.23323	-.23551	-.24134	-.23735	-.22638	-.22333	-.22939
.900	8.107	-.24769	-.24574	-.22277	-.23577	-.23549	-.24149	-.23686	-.22583	-.22466	-.23145
.904	10.109	-.26054	-.25775	-.23183	-.24840	-.24545	-.25252	-.24802	-.23837	-.23499	-.24380
.901	12.085	-.27826	-.27579	-.24993	-.26725	-.26418	-.27167	-.26637	-.25498	-.25251	-.25955
	GRADIENT	.00174	.00225	-.00255	.00280	.00298	.00282	.00250	.00244	.00075	.00200

RUN NO. 148/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.953	.086	-.29214	-.29113	-.26181	-.28614	-.28647	-.28962	-.28637	-.27825	-.26793	-.27948
.953	2.568	-.28136	-.27956	-.25218	-.27653	-.27517	-.27824	-.27581	-.26988	-.25780	-.27062
.952	5.096	-.27350	-.27368	-.24892	-.26940	-.26910	-.27195	-.26946	-.26463	-.25388	-.26439
.952	8.102	-.27727	-.27569	-.24731	-.26923	-.26890	-.27233	-.27008	-.26572	-.25427	-.26562
.949	10.097	-.28185	-.28072	-.24765	-.27433	-.27328	-.27715	-.27599	-.27317	-.25563	-.27018
.949	12.111	-.30308	-.29896	-.25481	-.29602	-.29020	-.29375	-.29356	-.29512	-.26841	-.28983
	GRADIENT	.00434	.00466	.00388	.00387	.00455	.00459	.00425	.00337	.00408	.00357

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN013) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 146/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.980	.099	-.31657	-.31479	-.28175	-.31083	-.30859	-.31187	-.31025	-.30662	-.29246	-.30671
.983	2.603	-.31811	-.31662	-.28508	-.31124	-.30889	-.31217	-.31113	-.30870	-.29372	-.30797
.982	5.080	-.31293	-.31243	-.28595	-.30504	-.30413	-.30792	-.30711	-.30492	-.28772	-.30351
.972	8.098	-.29769	-.29720	-.26523	-.29211	-.29070	-.29358	-.29255	-.29122	-.27451	-.28815
.981	10.082	-.33582	-.33330	-.29648	-.32797	-.32493	-.32860	-.32723	-.32780	-.30792	-.32530
.981	12.093	-.35752	-.35360	-.31114	-.34930	-.34407	-.34711	-.34666	-.34853	-.32483	-.34517
	GRADIENT	-.00062	-.00073	-.00133	-.00016	-.00012	-.00012	-.00035	-.00083	-.00050	-.00050

RUN NO. 145/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.050	.096	-.40579	-.40465	-.38168	-.39917	-.39882	-.40234	-.39388	-.37723	-.38940	-.39377
1.053	2.580	-.41165	-.41171	-.39094	-.40557	-.40583	-.40995	-.40247	-.38620	-.39697	-.40088
1.050	5.086	-.41055	-.40993	-.39161	-.40340	-.40375	-.40869	-.40170	-.38714	-.39698	-.39981
1.052	8.094	-.42405	-.42398	-.40336	-.41794	-.41561	-.42201	-.41867	-.40759	-.40946	-.41455
1.046	10.082	-.43509	-.43431	-.40964	-.42702	-.42401	-.43043	-.42987	-.42058	-.41795	-.42383
1.051	12.095	-.44226	-.44094	-.41909	-.43423	-.43274	-.43981	-.43605	-.42233	-.42765	-.42976
	GRADIENT	-.00236	-.00284	-.00373	-.00258	-.00283	-.00306	-.00346	-.00361	-.00305	-.00286

RUN NO. 144/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.101	.094	-.37428	-.37423	-.35325	-.36475	-.36560	-.36802	-.35544	-.33393	-.36110	-.35748
1.100	2.577	-.36995	-.37014	-.35089	-.36254	-.36392	-.36662	-.35730	-.33781	-.35764	-.35737
1.099	5.100	-.36315	-.36323	-.34613	-.35672	-.35818	-.36151	-.35404	-.33729	-.35198	-.35250
1.097	8.088	-.36560	-.36474	-.34413	-.36034	-.35781	-.36240	-.35934	-.35008	-.35127	-.35585
1.098	10.083	-.37211	-.36753	-.34322	-.36257	-.35860	-.36394	-.36252	-.35520	-.35285	-.35788
1.099	12.095	-.37021	-.36888	-.34560	-.36260	-.36179	-.36766	-.36459	-.35097	-.35476	-.35700
	GRADIENT	.00174	.00165	.00095	.00089	.00068	.00056	-.00075	-.00156	.00139	.00004

RUN NO. 143/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.199	.087	-.26230	-.26030	-.23696	-.25592	-.25573	-.25744	-.25245	-.24001	-.24419	-.25113
1.201	2.573	-.26701	-.26681	-.24828	-.26060	-.26250	-.26465	-.25851	-.24589	-.25463	-.25793
1.200	5.115	-.27337	-.27266	-.25620	-.26696	-.26745	-.27021	-.26458	-.25565	-.26209	-.26489
1.197	8.081	-.28778	-.28678	-.26720	-.28107	-.28047	-.28491	-.28084	-.27117	-.27447	-.27923
1.201	10.076	-.30274	-.30134	-.28025	-.29578	-.29437	-.29925	-.29526	-.28465	-.28938	-.29272
1.199	12.082	-.30930	-.30837	-.28789	-.30258	-.30251	-.30758	-.30277	-.28978	-.29795	-.29815
	GRADIENT	-.00189	-.00262	-.00455	-.00188	-.00272	-.00290	-.00244	-.00237	-.00420	-.00274

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN013) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 141/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.253	.083	-.32842	-.32432	-.30499	-.30907	-.30887	-.31079	-.29759	-.28411	-.31697	-.30711
1.253	2.592	-.32577	-.32251	-.29755	-.30980	-.30936	-.31249	-.30167	-.28749	-.31013	-.30732
1.252	5.081	-.32766	-.32516	-.30198	-.31571	-.31588	-.31938	-.31116	-.29549	-.31133	-.31395
1.248	8.088	-.34068	-.33727	-.31643	-.32955	-.33056	-.33416	-.32520	-.30916	-.32376	-.32690
1.251	10.101	-.34662	-.34385	-.32661	-.33680	-.33751	-.34121	-.33135	-.31517	-.33264	-.33229
1.250	12.106	-.35831	-.35568	-.33886	-.34691	-.34862	-.35201	-.34354	-.32528	-.34474	-.34107
	GRADIENT	.00106	.00072	.00297	-.00029	-.00020	-.00068	-.00163	-.00135	.00273	-.00008

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN014) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 156/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.604	.156	-.25541	-.25593	-.23178	-.24627	-.24620	-.25132	-.24027	-.21429	-.23256	-.23020
.601	2.671	-.25473	-.25226	-.23825	-.24193	-.24144	-.24727	-.23800	-.21531	-.23188	-.22726
.602	5.135	-.26438	-.25929	-.26571	-.24138	-.24321	-.24832	-.24062	-.22156	-.23346	-.22750
.600	8.166	-.25678	-.25211	-.25423	-.23520	-.23683	-.24299	-.23611	-.21907	-.23062	-.22435
.599	10.164	-.25683	-.25277	-.25271	-.23687	-.23960	-.24593	-.23896	-.22137	-.23095	-.22530
.603	12.178	-.26148	-.25779	-.25574	-.24435	-.24582	-.25305	-.24583	-.22684	-.23436	-.22981
	GRADIENT	.00027	.00146	-.00257	.00173	.00189	.00161	.00090	-.00041	.00027	.00117

RUN NO. 152/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	.092	-.26385	-.26296	-.22973	-.25507	-.25871	-.26308	-.25824	-.24932	-.24240	-.24772
.901	2.588	-.26261	-.25996	-.23592	-.24967	-.25297	-.25749	-.25342	-.24443	-.24180	-.24406
.901	5.089	-.26124	-.25655	-.23602	-.24447	-.24706	-.25166	-.24617	-.23596	-.23705	-.23932
.903	8.103	-.26687	-.26331	-.24447	-.25269	-.25367	-.25927	-.25368	-.24338	-.24109	-.24697
.902	10.099	-.27985	-.27672	-.25534	-.26652	-.26556	-.27249	-.26710	-.25734	-.25295	-.26032
.903	12.094	-.29829	-.29472	-.27204	-.28606	-.28227	-.29031	-.28423	-.27450	-.27147	-.27845
	GRADIENT	.00050	.00120	-.00248	.00216	.00230	.00224	.00193	.00196	.00024	.00147

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN014) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 149/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.952	.094	-.30677	-.30748	-.27539	-.30286	-.30143	-.30369	-.30108	-.29515	-.28284	-.29584
.951	2.580	-.29886	-.29932	-.27028	-.29462	-.29344	-.29582	-.29277	-.28694	-.27567	-.28812
.950	5.106	-.29440	-.29403	-.26830	-.28909	-.28883	-.29090	-.28688	-.28023	-.27124	-.28260
.947	8.088	-.29516	-.29497	-.26515	-.28809	-.28769	-.29093	-.28831	-.28254	-.26763	-.28256
.953	10.108	-.31771	-.31624	-.28168	-.30992	-.30719	-.31161	-.30826	-.30218	-.28849	-.30480
.950	12.091	-.32604	-.32332	-.28078	-.31879	-.31323	-.31737	-.31714	-.31522	-.29110	-.31262
	GRADIENT	.00318	.00328	.00206	.00331	.00321	.00317	.00334	.00330	.00288	.00311

RUN NO. 142/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.251	.079	-.32967	-.32998	-.30834	-.31625	-.31656	-.31875	-.31108	-.29280	-.32040	-.31184
1.254	2.584	-.34340	-.33995	-.31248	-.32574	-.32542	-.32800	-.31435	-.29639	-.32665	-.32100
1.251	5.100	-.34803	-.34773	-.32418	-.33640	-.33692	-.33923	-.32560	-.30871	-.33274	-.33120
1.248	8.076	-.36032	-.35747	-.33787	-.34607	-.34558	-.34680	-.32868	-.31096	-.34307	-.33847
1.250	10.081	-.36526	-.36243	-.34658	-.35228	-.35114	-.35256	-.33304	-.30821	-.35022	-.34396
1.252	12.091	-.37189	-.36921	-.35497	-.36012	-.35877	-.36049	-.34295	-.31194	-.35921	-.34807
	GRADIENT	-.00548	-.00398	-.00165	-.00379	-.00354	-.00369	-.00131	-.00143	-.00250	-.00366

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN015) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 55/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.599	.153	-.23480	-.23068	-.20506	-.22398	-.21085	-.21509	-.18905	-.16629	-.21791	-.19712
.600	2.676	-.22573	-.22178	-.20209	-.21496	-.20603	-.21129	-.19194	-.17245	-.20532	-.19693
.599	5.165	-.22337	-.21771	-.19414	-.21028	-.20224	-.20915	-.19533	-.17894	-.19843	-.19793
.600	8.169	-.22000	-.21574	-.18934	-.20809	-.20184	-.20878	-.19747	-.18201	-.19519	-.19886
.601	10.167	-.22335	-.21976	-.19120	-.21140	-.20564	-.21293	-.19998	-.18410	-.19794	-.20208
.600	12.175	-.23141	-.22883	-.20054	-.22005	-.21515	-.22154	-.20452	-.18716	-.20703	-.20887
.602	15.185	-.25845	-.25801	-.23054	-.24880	-.24652	-.25167	-.22437	-.19936	-.23760	-.23192
	GRADIENT	.00359	.00353	.00118	.00358	.00191	.00151	-.00115	-.00244	.00499	.00008

RUN NO. 64/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.802	.076	-.24470	-.24405	-.19772	-.23371	-.22721	-.23133	-.21017	-.18737	-.22857	-.21532
.802	2.623	-.23955	-.23686	-.19294	-.22594	-.21984	-.22496	-.20934	-.19167	-.21880	-.21273
.801	5.106	-.23457	-.23063	-.19050	-.21878	-.21330	-.21966	-.20884	-.19402	-.20962	-.21059
.801	8.130	-.23170	-.22777	-.19626	-.21639	-.21226	-.21897	-.21095	-.19926	-.20635	-.21135
.798	10.084	-.23532	-.23279	-.20301	-.22105	-.21739	-.22354	-.21493	-.20359	-.21076	-.21629
.801	12.130	-.24735	-.24531	-.21492	-.23449	-.23106	-.23688	-.22540	-.21227	-.22423	-.22806
.801	15.097	-.28289	-.28186	-.24983	-.27242	-.26964	-.27422	-.25227	-.22850	-.26069	-.25752
	GRADIENT	.00202	.00282	.00188	.00305	.00291	.00250	.00033	-.00169	.00384	.00102

RUN NO. 61/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	.108	-.25699	-.25544	-.20678	-.24363	-.24140	-.24547	-.23000	-.21294	-.23703	-.23016
.903	2.596	-.24312	-.24016	-.19849	-.22955	-.22732	-.23376	-.22601	-.21392	-.21951	-.22434
.901	5.111	-.23679	-.23295	-.20131	-.22255	-.21862	-.22558	-.22064	-.21143	-.21283	-.21920
.897	8.124	-.23657	-.23303	-.20376	-.22279	-.21739	-.22468	-.22070	-.21381	-.21146	-.21973
.899	10.117	-.24359	-.23947	-.21091	-.22962	-.22352	-.23090	-.22570	-.21909	-.21903	-.22617
.899	12.149	-.25736	-.25402	-.22544	-.24412	-.23865	-.24576	-.23794	-.22887	-.23388	-.23793
.899	15.144	-.29627	-.29325	-.26667	-.28218	-.27885	-.28608	-.27038	-.24987	-.27148	-.27244
	GRADIENT	.00557	.00614	.00333	.00566	.00566	.00471	.00160	-.00039	.00704	.00234

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN015) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 114/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.951	.078	-.28178	-.28026	-.23429	-.26958	-.26825	-.27375	-.26783	-.25564	-.26260	-.25843
.952	2.595	-.27572	-.27324	-.23055	-.26400	-.26223	-.26888	-.26623	-.25627	-.25588	-.25774
.954	5.083	-.26917	-.26581	-.22721	-.25785	-.25615	-.26228	-.25973	-.25243	-.24688	-.25370
.949	8.087	-.26225	-.25808	-.22995	-.25111	-.24949	-.25488	-.25315	-.24903	-.23951	-.24847
.945	10.075	-.26339	-.25852	-.22864	-.25155	-.25012	-.25530	-.25279	-.24964	-.23749	-.24953
.952	12.059	-.29400	-.28883	-.25502	-.28238	-.28114	-.28546	-.28191	-.27985	-.26621	-.27939
.953	15.083	-.34706	-.34240	-.30296	-.33642	-.33275	-.33721	-.33565	-.33568	-.31492	-.33145
	GRADIENT	.00241	.00279	.00149	.00222	.00239	.00193	.00064	-.00025	.00267	.00027

RUN NO. 111/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.271	.074	-.32581	-.32372	-.30268	-.30824	-.30864	-.31020	-.30153	-.29389	-.33059	-.30731
1.272	2.596	-.32524	-.32251	-.30140	-.30920	-.30767	-.30941	-.30141	-.29691	-.31802	-.30776
1.271	5.069	-.32327	-.32156	-.30048	-.31222	-.30910	-.31169	-.30608	-.30221	-.31214	-.31096
1.269	8.067	-.32573	-.32443	-.30475	-.31741	-.31473	-.31792	-.31298	-.30598	-.31308	-.31659
1.270	10.081	-.32961	-.32791	-.30887	-.32253	-.32013	-.32429	-.31950	-.30837	-.31665	-.32052
1.268	12.061	-.34042	-.33966	-.32275	-.33499	-.33319	-.33615	-.33058	-.31918	-.33004	-.32942
1.265	15.065	-.36603	-.36425	-.34478	-.36029	-.35854	-.36148	-.35571	-.34173	-.35424	-.34917
	GRADIENT	.00023	.00048	.00051	-.00038	.00038	.00031	.00005	-.00120	.00498	-.00018

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN017) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 42/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.602	.172	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	.677	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	1.195	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	1.708	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	2.201	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	4.194	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	5.218	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	6.187	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	7.210	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	8.183	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	9.201	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	10.190	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	11.194	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	12.193	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	13.194	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	15.179	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	20.212	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 31/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.801	.047	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	.562	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	1.063	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	1.588	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	2.079	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	4.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	5.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	6.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	7.041	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	8.042	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	9.060	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	10.036	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	11.060	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	12.042	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	13.035	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	15.079	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	20.050	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN017) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO				
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO				
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO				
SCALE =	.0500						

PARAMETRIC DATA

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

RUN NO. 2/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.899	.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	.596	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	1.112	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	1.592	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	2.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	4.085	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	5.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	6.111	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	7.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	8.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	9.127	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	10.157	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	11.127	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	12.064	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	13.107	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	15.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	20.111	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 12/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.949	.084	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	.579	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	1.071	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	1.589	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	2.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	4.129	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.953	5.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	6.123	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	7.076	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	8.053	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	9.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	10.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	11.056	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	12.063	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	13.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.946	15.049	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.915	19.957	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN017) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 36/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.050	.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	.619	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	1.123	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	1.610	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	2.128	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	4.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	5.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	6.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	7.105	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	8.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	9.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.049	10.125	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	11.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.053	12.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	13.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	15.127	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	20.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 38/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.100	.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	.622	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.123	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.633	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	2.127	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	4.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.098	5.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	6.113	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	7.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	8.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	9.112	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	10.122	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	11.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	12.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	13.122	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	15.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	20.096	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00002	.00002	.00002	.00002	.00002	.00002	.00002	.00002	.00002	.00002

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN017) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO	BETA =	.000	ELEVON =	.000
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO	AILRON =	.000	BDFLAP =	.000
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO	SPDBRK =	25.000	RUDDER =	.000
SCALE =	.0500			PHI =	.000		

PARAMETRIC DATA

RUN NO. 34/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.201	.129	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	.611	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.604	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	2.102	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	4.098	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	6.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	7.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	8.118	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	9.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	10.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	11.101	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	12.112	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	13.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	15.128	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.203	20.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00002	.00002	.00002	.00002	.00002	.00002	.00002	.00002	.00002	.00002

RUN NO. 33/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.29[illegible]	.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.290	.634	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.291	1.125	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.291	1.612	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN018) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 95/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.980	.162	-.32847	-.32770	-.29281	-.31587	-.31837	-.32394	-.31708	-.30709	-.31061	-.31249
.980	2.680	-.32019	-.31933	-.29005	-.30947	-.31101	-.31724	-.31202	-.30438	-.30164	-.30850
.980	5.178	-.31152	-.31065	-.28270	-.30291	-.30414	-.30906	-.30475	-.29964	-.29186	-.30213
.980	8.149	-.31582	-.31386	-.28567	-.30619	-.30861	-.31268	-.30885	-.30479	-.29539	-.30611
.980	10.159	-.33443	-.33266	-.30480	-.32550	-.32681	-.33150	-.32753	-.32179	-.31314	-.32393
.980	12.156	-.35687	-.35507	-.32172	-.34957	-.34806	-.35278	-.35040	-.34511	-.33182	-.34578
.979	15.173	-.39568	-.39287	-.35160	-.38820	-.38380	-.38747	-.38601	-.38865	-.36257	-.38290
	GRADIENT	.00329	.00332	.00110	.00254	.00292	.00266	.00201	.00108	.00356	.00158

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN019) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 113/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.980	.083	-.33105	-.33043	-.29941	-.31871	-.32037	-.32609	-.31995	-.31076	-.31419	-.31563
.981	2.586	-.32341	-.32315	-.29576	-.31286	-.31386	-.31995	-.31566	-.30850	-.30574	-.31201
.978	5.058	-.31159	-.31205	-.28561	-.30275	-.30426	-.30881	-.30633	-.30175	-.29262	-.30214
.979	8.075	-.31784	-.31641	-.29067	-.30810	-.31031	-.31442	-.31030	-.30540	-.29666	-.30800
.984	10.066	-.34405	-.34200	-.31910	-.33390	-.33578	-.34067	-.33535	-.32959	-.32394	-.33341
.980	12.072	-.35389	-.35274	-.32231	-.34559	-.34555	-.35000	-.34761	-.34186	-.32932	-.34278
.978	15.095	-.39229	-.38891	-.35087	-.38427	-.38005	-.38384	-.38248	-.38514	-.35880	-.37937
	GRADIENT	.00305	.00291	.00146	.00234	.00260	.00245	.00171	.00090	.00338	.00145

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN021) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 57/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.604	.154	-.25974	-.25837	-.23050	-.25201	-.23966	-.24438	-.22021	-.19046	-.24560	-.21942
.602	2.669	-.25282	-.25036	-.23314	-.24481	-.23620	-.24229	-.22395	-.19734	-.23527	-.22056
.601	5.170	-.24738	-.24510	-.22214	-.23875	-.23239	-.23916	-.22348	-.20025	-.22646	-.22064
.601	8.176	-.24041	-.23883	-.21541	-.23190	-.22839	-.23453	-.21893	-.19684	-.21861	-.21835
.600	10.175	-.24261	-.24215	-.21707	-.23385	-.23167	-.23685	-.21806	-.19547	-.22091	-.21973
.601	12.175	-.25151	-.25128	-.22697	-.24258	-.24008	-.24515	-.22064	-.19858	-.23027	-.22534
.598	15.159	-.28080	-.28084	-.26292	-.27400	-.27029	-.27445	-.23906	-.20631	-.26367	-.24918
	GRADIENT	.00275	.00318	-.00105	.00286	.00138	.00083	-.00149	-.00274	.00411	-.00045

RUN NO. 63/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.803	.111	-.26858	-.26775	-.21920	-.25815	-.25367	-.25762	-.23800	-.21328	-.25335	-.23841
.802	2.583	-.26234	-.26143	-.21568	-.25156	-.24829	-.25352	-.23777	-.21565	-.24408	-.23630
.799	5.075	-.25510	-.25407	-.20946	-.24432	-.24181	-.24710	-.23382	-.21434	-.23446	-.23238
.798	8.109	-.25398	-.25310	-.21650	-.24282	-.24165	-.24686	-.23502	-.21767	-.23185	-.23433
.802	10.095	-.26072	-.25952	-.22715	-.24891	-.24792	-.25277	-.23917	-.22384	-.23721	-.24049
.802	12.104	-.27661	-.27499	-.24543	-.26496	-.26350	-.26807	-.24974	-.23212	-.25344	-.25310
.798	15.090	-.31494	-.31250	-.28783	-.30424	-.30171	-.30635	-.27989	-.24877	-.29314	-.28655
	GRADIENT	.00252	.00256	.00142	.00267	.00218	.00166	.00009	-.00096	.00375	.00085

RUN NO. 62/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	.101	-.26835	-.26899	-.22483	-.26023	-.25804	-.26040	-.23319	-.20304	-.25629	-.24013
.903	2.620	-.25250	-.25218	-.21658	-.24382	-.24342	-.24674	-.22874	-.20572	-.23637	-.23236
.899	5.117	-.24904	-.24823	-.21928	-.23863	-.23886	-.24263	-.23001	-.21255	-.23075	-.23133
.900	8.111	-.25817	-.25663	-.22991	-.24637	-.24527	-.25036	-.24044	-.22913	-.23602	-.24109
.901	10.121	-.27281	-.27042	-.24503	-.25991	-.25773	-.26348	-.25361	-.24242	-.24857	-.25388
.899	12.170	-.29538	-.29300	-.26747	-.28248	-.27927	-.28543	-.27504	-.26248	-.27019	-.27413
.901	15.106	-.33759	-.33364	-.30878	-.32641	-.32098	-.33032	-.32279	-.30912	-.31196	-.31591
	GRADIENT	.00629	.00667	.00328	.00651	.00580	.00542	.00177	-.00106	.00791	.00308

LARC 16FT TWT 326(OA270A) 39-0 ORB.

(SKN021) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 115/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.949	.055	-.31659	-.31568	-.29385	-.30615	-.30679	-.31114	-.29659	-.28381	-.30301	-.29830
.950	2.582	-.30917	-.30818	-.28831	-.30004	-.29915	-.30477	-.29463	-.28493	-.29436	-.29487
.948	5.069	-.30165	-.30064	-.28378	-.29211	-.29323	-.29653	-.28528	-.27714	-.28472	-.28700
.947	8.079	-.30054	-.29814	-.27824	-.29061	-.29165	-.29428	-.28291	-.27411	-.28009	-.28525
.951	10.059	-.31486	-.31241	-.28633	-.30533	-.30651	-.30999	-.30384	-.29665	-.29088	-.30104
.950	12.071	-.32548	-.32226	-.28891	-.31766	-.31481	-.31995	-.31779	-.31409	-.29778	-.31378
.950	15.076	-.37438	-.36933	-.33193	-.36260	-.36020	-.36569	-.36411	-.36374	-.34241	-.35740
	GRADIENT	.00294	.00297	.00219	.00242	.00302	.00252	.00078	-.00044	.00342	.00136

RUN NO. 112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.272	.086	-.33728	-.33874	-.32478	-.32479	-.32922	-.32745	-.30960	-.28855	-.34238	-.31893
1.272	2.560	-.34180	-.34334	-.32554	-.32992	-.33316	-.33265	-.31892	-.30068	-.33901	-.32530
1.269	5.083	-.35115	-.35202	-.33243	-.34000	-.34258	-.34313	-.32852	-.30831	-.34292	-.33446
1.266	8.097	-.36202	-.35953	-.34140	-.35041	-.35265	-.35412	-.33466	-.30922	-.34690	-.34309
1.270	10.079	-.36718	-.36582	-.34683	-.35680	-.35860	-.36049	-.33686	-.30760	-.35289	-.34797
1.269	12.049	-.37604	-.37451	-.35720	-.36504	-.36747	-.36924	-.34626	-.31721	-.36296	-.35188
1.263	15.063	-.38038	-.37884	-.36346	-.37026	-.37212	-.37510	-.35975	-.33461	-.37015	-.36085
	GRADIENT	-.00183	-.00186	-.00031	-.00207	-.00159	-.00210	-.00377	-.00490	.00136	-.00257

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN023) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 46/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.602	.177	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	2.685	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	5.208	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	7.686	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	10.219	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 118/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.799	.064	-.25618	-.24056	-.17971	-.22904	-.21839	-.22388	-.20622	-.19458	-.22063	-.21368
.801	2.579	-.24796	-.23514	-.18098	-.22488	-.21543	-.22188	-.20824	-.19620	-.21414	-.21319
.802	5.084	-.24080	-.22801	-.17887	-.21725	-.20963	-.21721	-.20984	-.19836	-.20378	-.21151
.798	8.077	-.23504	-.22411	-.18358	-.21431	-.20762	-.21575	-.21082	-.20103	-.19943	-.21117
.798	10.087	-.23931	-.23074	-.19266	-.22081	-.21473	-.22253	-.21663	-.20551	-.20601	-.21715
.804	12.098	-.25068	-.24078	-.20281	-.23242	-.22541	-.23343	-.22361	-.21162	-.21706	-.22725
.799	15.074	-.28336	-.27933	-.23772	-.26920	-.26578	-.27072	-.24927	-.22825	-.25332	-.25473
	GRADIENT	.00327	.00216	-.00050	.00165	.00118	.00080	-.00080	-.00064	.00258	.00019

RUN NO. 44/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.271	.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.273	2.618	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	7.615	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	10.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	12.632	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	15.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN025) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 47/ 0 RN/L = 3.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.598	.184	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.604	2.701	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	5.220	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	7.696	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	10.196	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	12.716	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	15.216	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 119/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.800	.074	-.26875	-.24962	-.18387	-.23810	-.22773	-.23400	-.21939	-.20562	-.22564	-.22384
.800	2.591	-.26111	-.24289	-.18189	-.23179	-.22346	-.23001	-.21975	-.20486	-.21690	-.22156
.801	5.083	-.25208	-.23482	-.18235	-.22448	-.21776	-.22505	-.21935	-.20525	-.20595	-.21929
.800	8.082	-.24627	-.23498	-.19051	-.22581	-.21993	-.22721	-.22113	-.20833	-.20870	-.22116
.800	10.088	-.24862	-.24104	-.20068	-.23171	-.22806	-.23504	-.22715	-.21303	-.21509	-.22674
.799	12.083	-.26074	-.25751	-.21941	-.24775	-.24380	-.25049	-.24186	-.22536	-.23147	-.23978
.799	15.100	-.29801	-.29596	-.26308	-.28748	-.28458	-.29197	-.27568	-.24834	-.27084	-.27285
	GRADIENT	.00304	.00267	.00079	.00251	.00170	.00159	-.00014	.00030	.00347	.00091

RUN NO. 45/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.270	.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	2.652	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	5.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	7.625	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.274	10.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	12.662	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	15.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN027) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 49/ 0 RN/L = 3.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.603	.168	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	2.689	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	5.205	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	7.722	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	10.182	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	12.685	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	15.191	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 120/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.798	.077	-.27813	-.26666	-.20381	-.25552	-.24483	-.25103	-.23415	-.21611	-.24452	-.23641
.800	2.601	-.26927	-.26057	-.20100	-.25022	-.24239	-.24878	-.23408	-.21565	-.23772	-.23542
.798	5.087	-.26125	-.25269	-.19986	-.24257	-.23666	-.24365	-.23224	-.21482	-.22626	-.23262
.801	8.067	-.25780	-.25286	-.21080	-.24261	-.23919	-.24572	-.23453	-.21871	-.22714	-.23505
.799	10.054	-.26077	-.25752	-.21905	-.24729	-.24448	-.25062	-.23906	-.22269	-.23147	-.23940
.799	12.085	-.27437	-.26905	-.23145	-.25909	-.25491	-.26150	-.24809	-.23235	-.24299	-.24951
.800	15.085	-.30947	-.30485	-.26519	-.29523	-.29032	-.29564	-.27525	-.25487	-.27825	-.27667
	GRADIENT	.00351	.00241	.00111	.00210	.00099	.00089	.00003	.00018	.00269	.00039

RUN NO. 48/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.269	.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.273	2.636	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.113	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	7.618	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	10.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	12.666	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.267	15.131	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001	.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN029) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 53/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.600	.183	-.25090	-.24917	-.22883	-.24350	-.23372	-.23726	-.21111	-.17556	-.24107	-.21121
.600	2.682	-.24064	-.23902	-.22374	-.23258	-.22646	-.23165	-.21125	-.18272	-.22732	-.21026
.602	5.203	-.23679	-.23492	-.21836	-.22751	-.22311	-.22930	-.21313	-.18780	-.22103	-.21081
.601	8.201	-.23278	-.23092	-.21108	-.22313	-.22045	-.22733	-.21203	-.18787	-.21447	-.21035
.601	10.205	-.23594	-.23411	-.21282	-.22561	-.22414	-.23023	-.21295	-.18885	-.21677	-.21285
.600	12.207	-.24389	-.24241	-.21884	-.23338	-.23233	-.23868	-.21776	-.18972	-.22437	-.21883
.599	15.208	-.26988	-.26868	-.24397	-.26088	-.25917	-.26477	-.23540	-.20156	-.25274	-.23976
	GRADIENT	.00411	.00406	.00204	.00437	.00291	.00224	-.00006	-.00287	.00550	.00038

RUN NO. 117/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.802	.081	-.26180	-.25759	-.22367	-.25103	-.24683	-.24992	-.22799	-.19921	-.24814	-.22885
.805	2.581	-.25514	-.25205	-.21961	-.24393	-.24103	-.24490	-.22699	-.20288	-.23937	-.22688
.799	5.077	-.24835	-.24516	-.21342	-.23591	-.23410	-.23903	-.22412	-.20430	-.23003	-.22355
.798	8.072	-.24444	-.24149	-.21587	-.23215	-.23117	-.23695	-.22414	-.20770	-.22580	-.22471
.799	10.109	-.24944	-.24656	-.22507	-.23695	-.23695	-.24247	-.22923	-.21407	-.22978	-.23007
.799	12.074	-.26167	-.25857	-.23872	-.24959	-.24876	-.25413	-.23906	-.22242	-.24190	-.24082
.799	15.092	-.29833	-.29477	-.27212	-.28707	-.28624	-.29115	-.26648	-.24098	-.27916	-.26931
	GRADIENT	.00266	.00222	.00162	.00284	.00233	.00201	.00040	-.00147	.00351	.00079

RUN NO. 116/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.899	2.571	-.25142	-.24939	-.21678	-.24083	-.24106	-.24427	-.22768	-.20749	-.23636	-.22861
.902	5.082	-.24524	-.24204	-.21915	-.23333	-.23306	-.23799	-.22611	-.21102	-.22858	-.22641
.898	8.051	-.24567	-.24278	-.22396	-.23384	-.23248	-.23777	-.22910	-.21884	-.22795	-.22850
.899	10.061	-.25598	-.25181	-.23437	-.24313	-.24136	-.24705	-.23723	-.22703	-.23699	-.23776
.901	12.067	-.27753	-.27276	-.25638	-.26380	-.26241	-.26819	-.25659	-.24290	-.25719	-.25664
.901	15.097	-.31627	-.31131	-.29391	-.30310	-.30109	-.30802	-.29622	-.27935	-.29388	-.29279
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN029) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 58/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.249	.091	-.32453	-.32513	-.31311	-.31321	-.31613	-.31569	-.30246	-.28542	-.32830	-.30846
1.252	2.596	-.31516	-.31659	-.29924	-.30545	-.30710	-.30869	-.29765	-.28372	-.30960	-.30197
1.252	5.143	-.32079	-.32114	-.30117	-.31180	-.31317	-.31519	-.30647	-.29203	-.31130	-.30933
1.251	8.103	-.33185	-.33114	-.31253	-.32351	-.32479	-.32697	-.31810	-.30248	-.32081	-.32013
1.249	10.094	-.34362	-.34212	-.32421	-.33468	-.33636	-.33817	-.32868	-.31381	-.33115	-.32848
1.249	12.089	-.35769	-.35637	-.34086	-.34853	-.35078	-.35272	-.34406	-.32955	-.34712	-.34111
1.250	15.130	-.37461	-.37387	-.35903	-.36532	-.36941	-.37167	-.36612	-.35229	-.36424	-.36244
	GRADIENT	.00374	.00341	.00554	.00310	.00360	.00279	.00192	.00068	.00747	.00259

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN031) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 129/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	.134	-.31619	-.31909	-.31528	-.31307	-.29067	-.29918	-.25219	-.20631	-.31357	-.27212
.900	2.647	-.29981	-.30178	-.28886	-.29046	-.28118	-.28474	-.24854	-.21034	-.28930	-.26045
.900	5.156	-.28936	-.28949	-.27593	-.27741	-.27337	-.27540	-.24646	-.21486	-.27479	-.25496
.900	8.148	-.28338	-.28156	-.26679	-.26982	-.26769	-.27036	-.24584	-.22156	-.26608	-.25351
.900	10.146	-.28915	-.28809	-.27007	-.27595	-.27397	-.27701	-.25379	-.23048	-.27099	-.26037
.900	12.137	-.30440	-.30369	-.28231	-.29170	-.29038	-.29396	-.26819	-.24190	-.28603	-.27557
.899	15.133	-.33824	-.33635	-.31598	-.32722	-.32353	-.32957	-.30795	-.27795	-.31541	-.30778
	GRADIENT	.00652	.00689	.01051	.00900	.00378	.00575	.00145	-.00160	.00966	.00464

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN031) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 125/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.951	.123	-.34216	-.34149	-.31267	-.33933	-.31369	-.32367	-.29485	-.26323	-.33758	-.30017
.954	2.647	-.33536	-.33470	-.30036	-.33112	-.31305	-.32040	-.29698	-.27068	-.33062	-.29984
.953	5.138	-.32464	-.32490	-.29175	-.31836	-.30466	-.31124	-.28569	-.26215	-.31755	-.29182
.948	8.138	-.31126	-.31186	-.28558	-.30418	-.29180	-.29875	-.27359	-.25221	-.30069	-.28047
.950	10.169	-.31581	-.31722	-.29043	-.30673	-.30545	-.30803	-.28997	-.27430	-.30070	-.29361
.948	12.149	-.32813	-.32882	-.29927	-.31971	-.32325	-.32528	-.31215	-.29790	-.31041	-.31142
.950	15.129	-.37359	-.37214	-.33722	-.36351	-.36234	-.36921	-.36409	-.35549	-.34919	-.35729
	GRADIENT	.00269	.00269	.00488	.00325	.00025	.00130	-.00084	-.00295	.00276	.00013

RUN NO. 124/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.979	.124	-.36725	-.36749	-.34709	-.36034	-.34765	-.35364	-.33637	-.31394	-.36110	-.33573
.983	2.647	-.36700	-.36664	-.34173	-.35870	-.35229	-.35631	-.33919	-.31888	-.35985	-.34016
.980	5.151	-.36248	-.36301	-.33472	-.35327	-.35215	-.35535	-.33687	-.31954	-.35153	-.33978
.978	8.148	-.35729	-.35898	-.33383	-.34782	-.35142	-.35368	-.33972	-.32161	-.34212	-.33972
.980	10.150	-.37265	-.37358	-.34806	-.36281	-.36714	-.36981	-.35665	-.34036	-.35701	-.35669
.980	12.134	-.38589	-.38596	-.35925	-.37724	-.38077	-.38411	-.37290	-.35724	-.36982	-.37207
.980	15.143	-.42045	-.41973	-.38656	-.41263	-.41078	-.41699	-.41169	-.40074	-.39863	-.40601
	GRADIENT	.00010	.00034	.00212	.00065	-.00184	-.00106	-.00112	-.00196	.00050	-.00176

RUN NO. 121/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.251	.124	-.32821	-.33151	-.33849	-.32029	-.31527	-.31465	-.29779	-.27989	-.33000	-.30860
1.253	2.632	-.32234	-.32469	-.32634	-.31222	-.31252	-.31072	-.29715	-.28310	-.31665	-.30504
1.252	5.149	-.32480	-.32548	-.31262	-.31440	-.31621	-.31675	-.30501	-.28954	-.31424	-.30868
1.248	8.142	-.33523	-.33529	-.31641	-.32592	-.32794	-.32944	-.31838	-.30021	-.32318	-.32038
1.249	10.157	-.34562	-.34442	-.32689	-.33570	-.33782	-.33924	-.32684	-.30974	-.33261	-.32771
1.246	12.142	-.35950	-.35894	-.34219	-.34940	-.35205	-.35355	-.34320	-.32643	-.34808	-.34043
1.237	15.126	-.37185	-.37178	-.35493	-.36213	-.36658	-.36847	-.36232	-.34676	-.36151	-.35838
	GRADIENT	.00234	.00272	.00484	.00322	.00110	.00157	.00026	-.00128	.00532	.00142

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN032) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = 5.000
PHI = .000

RUN NO. 128/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.903	.143	-.31960	-.32168	-.32829	-.31406	-.29306	-.30128	-.26232	-.20967	-.31778	-.27574
.903	2.653	-.30498	-.30615	-.30919	-.29536	-.28425	-.28871	-.25718	-.21162	-.29627	-.26518
.901	5.133	-.28983	-.28860	-.28896	-.27677	-.27436	-.27617	-.25014	-.21498	-.27444	-.25538
.900	8.140	-.28472	-.28374	-.27741	-.27160	-.27046	-.27264	-.24892	-.22140	-.26796	-.25479
.900	10.135	-.29139	-.28975	-.28078	-.27810	-.27761	-.28068	-.25717	-.23070	-.27412	-.26254
.900	12.109	-.30503	-.30228	-.29006	-.29103	-.29064	-.29467	-.27075	-.24080	-.28662	-.27540
.899	15.134	-.34025	-.33656	-.32281	-.32739	-.32564	-.33081	-.30814	-.27810	-.31891	-.30847
	GRADIENT	.00582	.00619	.00761	.00745	.00351	.00501	.00205	-.00078	.00857	.00421

RUN NO. 126/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.951	.136	-.34545	-.34830	-.34070	-.34388	-.32093	-.32980	-.30872	-.27095	-.34251	-.30507
.951	2.640	-.33439	-.33482	-.32039	-.33245	-.31474	-.32152	-.30491	-.26984	-.33129	-.29693
.950	5.139	-.32547	-.32446	-.30261	-.32162	-.30682	-.31335	-.29678	-.26415	-.32001	-.28964
.951	8.149	-.31508	-.31516	-.29834	-.30977	-.29841	-.30473	-.28454	-.25760	-.30604	-.28642
.952	10.151	-.32206	-.32244	-.30114	-.31345	-.31272	-.31486	-.29970	-.28021	-.30757	-.29970
.947	12.155	-.33133	-.32995	-.30689	-.32049	-.32382	-.32667	-.31419	-.29884	-.31295	-.31224
.951	15.151	-.37947	-.37394	-.34874	-.36460	-.36549	-.37259	-.36617	-.35704	-.35471	-.35968
	GRADIENT	.00442	.00538	.00811	.00456	.00250	.00331	.00152	.00044	.00448	.00325

RUN NO. 123/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.979	.134	-.37132	-.36801	-.36928	-.36342	-.35214	-.35895	-.34568	-.32004	-.36553	-.33748
.981	2.654	-.37546	-.36946	-.35477	-.36308	-.35832	-.36172	-.34973	-.32642	-.36473	-.34255
.980	5.132	-.37128	-.36847	-.34044	-.35858	-.35931	-.36139	-.34611	-.32306	-.35703	-.34304
.980	8.118	-.37001	-.36901	-.34036	-.35776	-.36161	-.36405	-.35058	-.32736	-.35225	-.34807
.982	10.159	-.38174	-.38090	-.35722	-.36935	-.37471	-.37824	-.36611	-.34473	-.36368	-.36393
.981	12.142	-.39110	-.39013	-.36640	-.38067	-.38497	-.38877	-.37708	-.35965	-.37463	-.37564
.982	15.124	-.43221	-.43166	-.40462	-.42325	-.42336	-.42991	-.42286	-.40965	-.41268	-.41676
	GRADIENT	-.00164	-.00058	.00576	.00013	-.00245	-.00110	-.00161	-.00253	.00032	-.00201

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN032) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = 5.000
PHI = .000

RUN NO. 122/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.251	.131	-.33404	-.33869	-.34951	-.32719	-.32119	-.32526	-.30742	-.28247	-.33599	-.31054
1.251	2.629	-.33651	-.33972	-.34830	-.32727	-.32341	-.32478	-.31329	-.29426	-.33081	-.31549
1.251	5.140	-.33790	-.33863	-.33967	-.32782	-.32816	-.32783	-.31955	-.30212	-.32801	-.31929
1.249	8.136	-.34970	-.34697	-.33957	-.33785	-.33931	-.34124	-.33248	-.31230	-.33599	-.32983
1.248	10.147	-.35729	-.35510	-.34562	-.34556	-.34736	-.34917	-.33846	-.31881	-.34384	-.33579
1.246	12.132	-.36750	-.36614	-.35561	-.35639	-.35843	-.36065	-.35059	-.33243	-.35648	-.34671
1.236	15.148	-.37701	-.37684	-.36234	-.36683	-.37099	-.37346	-.36851	-.35186	-.36697	-.36286
	GRADIENT	-.00099	-.00041	.00048	-.00003	-.00089	.00019	-.00235	-.00472	.00207	-.00198

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN033) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 51/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.599	-20.015	-.22773	-.21125	-.19433	-.20458	-.18033	-.19811	-.19766	-.18821	-.19394	-.19490
.600	-15.008	-.21706	-.20304	-.18063	-.19500	-.17756	-.19103	-.18706	-.17845	-.18482	-.18683
.600	-12.521	-.21430	-.20259	-.17741	-.19492	-.17975	-.19112	-.18599	-.17729	-.18397	-.18617
.600	-9.996	-.21428	-.20628	-.18037	-.19795	-.18672	-.19622	-.18878	-.17640	-.18742	-.18847
.601	-5.027	-.22278	-.21734	-.19023	-.20907	-.20156	-.20898	-.19556	-.17891	-.19841	-.19736
.602	-4.010	-.22471	-.22003	-.19382	-.21208	-.20507	-.21221	-.19811	-.17982	-.20086	-.19907
.601	-2.013	-.22886	-.22511	-.19855	-.21681	-.21034	-.21737	-.20272	-.18322	-.20654	-.20322
.601	-.999	-.23154	-.22786	-.20193	-.21958	-.21268	-.21983	-.20545	-.18552	-.20891	-.20541
.601	-.002	-.23418	-.23004	-.20331	-.22240	-.21532	-.22238	-.20811	-.18792	-.21145	-.20767
.600	1.964	-.23942	-.23628	-.20972	-.22854	-.22182	-.22897	-.21439	-.19282	-.21822	-.21270
.601	4.000	-.24386	-.24114	-.21605	-.23358	-.22731	-.23483	-.21927	-.19719	-.22319	-.21735
.600	5.002	-.24656	-.24440	-.21887	-.23658	-.23122	-.23818	-.22218	-.19890	-.22649	-.21979
.601	9.994	-.25919	-.25590	-.22826	-.25043	-.24302	-.25094	-.23633	-.21499	-.23779	-.23269
.601	12.514	-.26558	-.26167	-.23241	-.25578	-.24786	-.25630	-.24292	-.22273	-.24325	-.23834
.599	15.001	-.27173	-.26863	-.23983	-.26243	-.25534	-.26340	-.24943	-.22882	-.25158	-.24437
	GRADIENT	-.00245	-.00267	-.00277	-.00274	-.00281	-.00285	-.00271	-.00223	-.00282	-.00231

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN033) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 110/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.799	-20.035	-.24538	-.22306	-.19477	-.21380	-.19432	-.21093	-.21215	-.21475	-.20287	-.21217
.801	-15.023	-.23624	-.22399	-.19079	-.21447	-.20095	-.21229	-.21034	-.20324	-.20351	-.20956
.802	-12.521	-.23371	-.22244	-.18521	-.21314	-.20226	-.21197	-.20759	-.19969	-.20234	-.20784
.802	-10.025	-.23094	-.22383	-.18643	-.21343	-.20603	-.21422	-.20703	-.19582	-.20381	-.20710
.801	-5.252	-.23344	-.22901	-.18756	-.21797	-.21303	-.21944	-.20757	-.19295	-.20899	-.20959
.801	-4.027	-.23509	-.23126	-.18910	-.22035	-.21585	-.22210	-.20955	-.19359	-.21082	-.21164
.802	-2.007	-.23951	-.23600	-.19295	-.22538	-.22107	-.22712	-.21407	-.19703	-.21557	-.21585
.801	-1.022	-.24126	-.23856	-.19511	-.22755	-.22403	-.23023	-.21762	-.19993	-.21786	-.21829
.800	-.015	-.24378	-.24054	-.19608	-.23021	-.22634	-.23261	-.22035	-.20274	-.22051	-.22083
.800	1.992	-.24806	-.24536	-.20030	-.23564	-.23204	-.23856	-.22649	-.20866	-.22522	-.22558
.799	4.014	-.25245	-.25030	-.20536	-.24089	-.23792	-.24436	-.23141	-.21264	-.23038	-.23017
.801	5.009	-.25484	-.25327	-.20849	-.24355	-.24114	-.24729	-.23363	-.21374	-.23329	-.23260
.800	10.018	-.26823	-.26632	-.22098	-.25815	-.25522	-.26130	-.24758	-.22758	-.24665	-.24634
.800	12.526	-.27453	-.27258	-.22434	-.26326	-.26089	-.26719	-.25461	-.23573	-.25235	-.25213
.801	15.014	-.28203	-.27910	-.22926	-.26965	-.26685	-.27341	-.26124	-.24356	-.25873	-.25864
	GRADIENT	-.00216	-.00236	-.00198	-.00256	-.00274	-.00278	-.00279	-.00249	-.00243	-.00233

RUN NO. 103/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	-20.040	-.43675	-.43269	-.44505	-.44979	-.40738	-.41548	-.39505	-.37439	-.44399	-.40255
1.052	-15.025	-.42980	-.42747	-.39864	-.42028	-.40650	-.40916	-.39085	-.37318	-.43060	-.39288
1.050	-12.522	-.41780	-.41458	-.37672	-.40471	-.39677	-.40028	-.38340	-.37265	-.41164	-.38961
1.053	-10.009	-.41562	-.41147	-.36681	-.40168	-.39869	-.40191	-.38947	-.38388	-.41291	-.39329
1.051	-5.009	-.41027	-.40742	-.37621	-.39765	-.39783	-.40206	-.39298	-.38270	-.39224	-.39578
1.050	-4.015	-.40668	-.40549	-.37832	-.39607	-.39558	-.40068	-.39334	-.38583	-.38967	-.39544
1.051	-2.011	-.40520	-.40500	-.37984	-.39811	-.39796	-.40205	-.39589	-.38683	-.39047	-.39522
1.051	-1.002	-.40980	-.40986	-.38441	-.40341	-.40306	-.40679	-.40078	-.39010	-.39507	-.39978
1.051	.002	-.41334	-.41309	-.38765	-.40710	-.40655	-.41069	-.40445	-.39237	-.39806	-.40302
1.050	2.002	-.41947	-.41921	-.39490	-.41327	-.41325	-.41684	-.41019	-.39732	-.40488	-.40896
1.050	4.016	-.42526	-.42499	-.40183	-.41874	-.41913	-.42174	-.41455	-.40391	-.41186	-.41536
1.049	5.010	-.42599	-.42566	-.40367	-.41908	-.42035	-.42284	-.41574	-.40466	-.41336	-.41631
1.049	10.022	-.42577	-.42476	-.39884	-.42026	-.41929	-.42386	-.41998	-.41117	-.41073	-.41622
1.050	12.519	-.42556	-.42414	-.39589	-.42082	-.41784	-.42264	-.42123	-.41458	-.40869	-.41677
1.050	15.030	-.42681	-.42526	-.39605	-.42274	-.41941	-.42393	-.42306	-.41743	-.40900	-.41833
	GRADIENT	-.00260	-.00267	-.00311	-.00302	-.00311	-.00285	-.00283	-.00234	-.00295	-.00269

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN033) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 39/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.099	-20.046	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-15.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-12.509	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-9.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-5.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-4.033	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-2.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	4.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	5.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	9.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	12.511	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	15.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.201	-20.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-15.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-12.519	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-10.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-5.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-4.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	-2.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-1.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	2.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	3.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.031	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	10.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	12.513	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	15.040	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN033) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 52/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.272	-20.044	-.35927	-.35860	-.37580	-.36835	-.33909	-.34895	-.33582	-.30874	-.44418	-.33023
1.269	-15.023	-.33276	-.33389	-.30044	-.32850	-.31873	-.32090	-.30938	-.29029	-.41145	-.30835
1.269	-12.495	-.32996	-.33146	-.29512	-.32174	-.32137	-.32060	-.30800	-.29070	-.39659	-.31022
1.270	-10.004	-.32943	-.32934	-.29569	-.31580	-.31820	-.31956	-.30881	-.29720	-.33281	-.31253
1.270	-5.003	-.32466	-.32342	-.29924	-.31348	-.31016	-.31325	-.30838	-.30497	-.31368	-.31210
1.270	-4.029	-.32365	-.32291	-.30045	-.31411	-.31092	-.31370	-.30865	-.30416	-.31375	-.31228
1.270	-2.012	-.32345	-.32353	-.30105	-.31450	-.31344	-.31603	-.30887	-.30072	-.31473	-.31301
1.270	-1.004	-.32512	-.32538	-.30230	-.31588	-.31584	-.31827	-.31058	-.29940	-.31630	-.31463
1.269	-.007	-.32927	-.32998	-.30641	-.31974	-.32006	-.32298	-.31440	-.30077	-.32046	-.31760
1.270	1.999	-.33944	-.34045	-.31790	-.32954	-.33030	-.33292	-.32142	-.30469	-.33160	-.32578
1.270	3.996	-.34868	-.34998	-.32753	-.33802	-.34041	-.34150	-.32686	-.30859	-.34088	-.33256
1.272	5.018	-.34912	-.35023	-.32793	-.33792	-.34061	-.34128	-.32708	-.30552	-.34166	-.33156
1.271	10.007	-.35595	-.35733	-.33474	-.34313	-.34567	-.34643	-.33081	-.31575	-.34915	-.33568
1.272	12.498	-.35700	-.35806	-.33474	-.34334	-.34522	-.34610	-.33093	-.32101	-.35051	-.33457
1.272	15.030	-.36097	-.36202	-.33639	-.34783	-.34985	-.35097	-.33591	-.32002	-.35436	-.33966
	GRADIENT	-.00338	-.00363	-.00364	-.00322	-.00385	-.00368	-.00250	-.00071	-.00363	-.00272

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN034) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BOFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.602	-20.030	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-15.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-12.498	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	-9.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-5.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-4.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-1.979	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	1.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	4.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	5.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	10.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	12.503	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	15.038	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.801	-19.979	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-15.027	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-12.511	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	-10.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-4.962	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	-3.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-1.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-1.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	1.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	3.982	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	5.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	10.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	12.530	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	15.024	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN034) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 37/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.052	-20.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-15.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-12.524	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-9.767	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-5.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-4.041	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-1.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	4.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	5.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	10.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	12.499	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	15.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.270	-20.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-15.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-12.536	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-9.991	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-5.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-4.028	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-2.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-1.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	1.991	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	3.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	10.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	12.509	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	15.037	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN035) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 98/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.802	-20.030	-.24530	-.22426	-.19567	-.21458	-.19538	-.21172	-.21308	-.21558	-.20329	-.21282
.801	-15.023	-.23638	-.22310	-.18855	-.21390	-.20048	-.21172	-.20968	-.20363	-.20287	-.20918
.801	-12.528	-.23340	-.22243	-.18474	-.21317	-.20182	-.21164	-.20751	-.19959	-.20144	-.20759
.799	-10.033	-.23008	-.22331	-.18583	-.21348	-.20556	-.21368	-.20618	-.19474	-.20293	-.20635
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 88/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	-20.034	-.42923	-.42528	-.43744	-.44013	-.39910	-.40751	-.38763	-.36739	-.43590	-.39532
1.050	-15.013	-.41820	-.41471	-.38823	-.40782	-.39261	-.39630	-.37843	-.36201	-.41570	-.38652
1.051	-12.525	-.41292	-.41048	-.37334	-.40107	-.39261	-.39564	-.37910	-.36913	-.40656	-.38535
1.052	-10.021	-.40677	-.40326	-.35921	-.39378	-.39044	-.39360	-.38085	-.37576	-.40178	-.38514
1.049	-5.016	-.39957	-.39709	-.36614	-.38684	-.38749	-.39161	-.38222	-.37264	-.38160	-.38542
1.050	-4.022	-.39792	-.39678	-.37020	-.38708	-.38710	-.39187	-.38405	-.37694	-.38061	-.38667
1.051	-2.005	-.39993	-.40002	-.37447	-.39285	-.39299	-.39682	-.39040	-.38111	-.38510	-.38990
1.051	-1.023	-.40312	-.40306	-.37684	-.39648	-.39633	-.40015	-.39370	-.38310	-.38770	-.39270
1.051	.001	-.40739	-.40744	-.38123	-.40110	-.40078	-.40482	-.39843	-.38632	-.39184	-.39703
1.051	2.000	-.41489	-.41448	-.38999	-.40850	-.40877	-.41233	-.40508	-.39199	-.40013	-.40424
1.051	4.031	-.42058	-.42030	-.39653	-.41394	-.41463	-.41715	-.40952	-.39905	-.40678	-.41077
1.051	5.020	-.42273	-.42255	-.39941	-.41598	-.41718	-.41958	-.41188	-.40020	-.40959	-.41322
1.050	10.024	-.42099	-.42002	-.39389	-.41518	-.41436	-.41889	-.41475	-.40554	-.40573	-.41110
1.051	12.522	-.42021	-.41915	-.38995	-.41549	-.41263	-.41721	-.41573	-.40928	-.40353	-.41131
1.050	15.018	-.41960	-.41833	-.38785	-.41526	-.41203	-.41657	-.41562	-.41010	-.40134	-.41099
	GRADIENT	-.00304	-.00309	-.00343	-.00346	-.00354	-.00331	-.00327	-.00276	-.00339	-.00315

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN036) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = -375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 76/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.802	-20.025	-.24533	-.22466	-.19825	-.21509	-.19631	-.21242	-.21428	-.21685	-.20474	-.21317
.802	-15.019	-.23746	-.22416	-.19148	-.21523	-.20181	-.21225	-.21138	-.20566	-.20421	-.21022
.802	-12.509	-.23456	-.22341	-.18642	-.21359	-.20300	-.21199	-.20827	-.20051	-.20310	-.20813
.801	-10.036	-.23181	-.22405	-.18524	-.21388	-.20603	-.21370	-.20719	-.19677	-.20397	-.20731
.801	-5.012	-.23440	-.22979	-.18735	-.21834	-.21342	-.21958	-.20824	-.19390	-.20918	-.21007
.802	-3.995	-.23614	-.23216	-.18976	-.22100	-.21603	-.22202	-.20994	-.19480	-.21187	-.21203
.800	-2.005	-.24061	-.23686	-.19202	-.22549	-.22160	-.22755	-.21489	-.19791	-.21596	-.21625
.801	-1.017	-.24226	-.23922	-.19527	-.22823	-.22431	-.23005	-.21785	-.20071	-.21853	-.21840
.801	.001	-.24465	-.24146	-.19646	-.23070	-.22677	-.23277	-.22058	-.20375	-.22072	-.22091
.801	1.990	-.24917	-.24635	-.20014	-.23596	-.23256	-.23865	-.22678	-.20941	-.22599	-.22611
.800	3.762	-.25271	-.25139	-.20667	-.24079	-.23895	-.24426	-.23122	-.21271	-.23165	-.23001
.799	4.984	-.25604	-.25424	-.21063	-.24454	-.24236	-.24771	-.23409	-.21450	-.23499	-.23323
.802	10.015	-.26931	-.26738	-.22211	-.25845	-.25593	-.26191	-.24846	-.22863	-.24848	-.24699
.801	12.508	-.27546	-.27318	-.22507	-.26385	-.26219	-.26805	-.25556	-.23651	-.25345	-.25266
.800	15.014	-.28226	-.28036	-.23200	-.27108	-.26932	-.27532	-.26368	-.24570	-.26127	-.26005
	GRADIENT	-.00219	-.00247	-.00234	-.00263	-.00295	-.00288	-.00275	-.00234	-.00261	-.00238

RUN NO. 69/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.051	-20.026	-.43608	-.43280	-.44565	-.44877	-.40800	-.41584	-.39548	-.37447	-.44391	-.40295
1.050	-15.021	-.42155	-.41796	-.39151	-.41125	-.39678	-.40045	-.38213	-.36487	-.42019	-.39017
1.051	-12.511	-.41561	-.41241	-.37564	-.40292	-.39468	-.39813	-.38145	-.37158	-.40938	-.38759
1.051	-10.007	-.40791	-.40345	-.35970	-.39380	-.39074	-.39395	-.38194	-.37740	-.40103	-.38532
1.049	-5.006	-.40066	-.39770	-.36707	-.38737	-.38820	-.39226	-.38345	-.37392	-.38220	-.38582
1.051	-4.026	-.40321	-.40139	-.37508	-.39195	-.39157	-.39625	-.38911	-.38078	-.38548	-.39128
1.051	-2.026	-.40034	-.40006	-.37445	-.39292	-.39277	-.39702	-.39086	-.38187	-.38495	-.39006
1.051	-1.022	-.40372	-.40369	-.37850	-.39736	-.39714	-.40098	-.39473	-.38437	-.38883	-.39345
1.050	.003	-.40696	-.40672	-.38121	-.40068	-.40040	-.40443	-.39829	-.38633	-.39141	-.39631
1.051	1.998	-.41650	-.41589	-.39244	-.41011	-.41030	-.41409	-.40697	-.39438	-.40174	-.40556
1.050	4.003	-.42128	-.42065	-.39877	-.41465	-.41540	-.41806	-.41063	-.40096	-.40797	-.41103
1.051	5.005	-.42399	-.42332	-.40266	-.41711	-.41871	-.42103	-.41312	-.40185	-.41175	-.41404
1.051	10.026	-.42485	-.42424	-.39984	-.41945	-.41873	-.42316	-.41903	-.41040	-.41076	-.41517
1.050	12.526	-.42216	-.42085	-.39351	-.41769	-.41510	-.41966	-.41848	-.41211	-.40571	-.41327
1.052	15.024	-.42238	-.42057	-.39155	-.41821	-.41455	-.41937	-.41828	-.41329	-.40408	-.41346
	GRADIENT	-.00267	-.00276	-.00331	-.00315	-.00328	-.00306	-.00298	-.00267	-.00312	-.00279

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN037) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 30/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.600	-20.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	-15.037	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	-12.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-10.030	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-5.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-4.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-2.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	-1.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	-.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	2.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	3.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	4.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	9.963	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	12.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	14.974	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 28/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.799	-19.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-15.038	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-12.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	-10.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-5.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-4.028	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-1.966	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	-.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	-.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	2.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	3.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	4.978	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	9.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	11.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	14.962	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN037) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 26/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	-20.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-15.043	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	-12.029	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	-10.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.904	-5.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	-1.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	-.027	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	1.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	3.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	9.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	12.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	14.957	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

RUN NO. 24/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.950	-20.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	-15.040	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	-11.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-10.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	-5.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-4.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-1.968	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	-1.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	-.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	2.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	3.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	4.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	9.983	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	11.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	14.967	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-O ORB. (SKN037) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO				
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO				
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO				
SCALE =	.0500						

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
A'LRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 22/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.977	-20.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-15.038	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	-12.249	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-10.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	-5.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	-2.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-2.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-.031	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.978	2.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.977	3.985	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.979	4.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	9.975	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.977	12.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	14.967	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	-20.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-15.030	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	-12.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-10.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-5.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	-4.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	2.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.049	3.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	4.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	9.974	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	12.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	14.956	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN037) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 18/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.099	-20.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-15.027	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-12.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-10.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-5.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-4.025	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-2.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-.985	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	2.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	3.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	4.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	9.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	11.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.098	14.965	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 16/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.200	-20.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-15.283	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-11.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-10.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-5.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-4.039	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-1.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	-.024	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	3.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	9.987	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	11.998	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	14.962	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN037) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 14/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.281	-20.040	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-14.849	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-12.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-9.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.280	-1.987	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-.977	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.280	1.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	3.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	9.782	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN038) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 29/ 0 RN/L = 3.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.606	-5.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	-4.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-2.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-1.984	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-.992	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	2.037	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	4.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	5.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN038) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 27/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.803	-5.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-4.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-3.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	-1.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-1.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	1.984	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	4.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

RUN NO. 25/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.901	-5.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	-3.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	-.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	1.068	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	2.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	4.024	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	4.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.951	-5.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-4.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-2.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	2.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	3.984	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	4.943	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN038) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 21/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.980	-5.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	-4.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-3.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-1.991	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	-1.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	2.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	4.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	4.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

RUN NO. 19/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.049	-5.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-4.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-3.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.985	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	2.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	4.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	5.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.100	-5.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-4.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-3.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-1.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-1.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.103	2.036	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.103	4.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	4.983	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(0A270A) 39-0 ORB. (SKN038) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 13/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
1.282	-5.028	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.283	-4.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-2.992	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-1.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	2.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.283	3.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.280	5.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(0A270A) 39-0 ORB. (SKN039) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	.000
PHI =	.000		

RUN NO. 127/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.919	-5.021	-.30690	-.31010	-.30521	-.30310	-.28706	-.29255	-.25121	-.23025	-.30423	-.26851
.919	-4.016	-.30489	-.30840	-.30145	-.30173	-.28495	-.29014	-.24946	-.22315	-.30247	-.26533
.921	-3.008	-.30336	-.30635	-.29600	-.30039	-.28369	-.28876	-.24927	-.21890	-.30055	-.26446
.920	-1.995	-.30276	-.30569	-.29345	-.29966	-.28311	-.28862	-.24966	-.21653	-.29949	-.26393
.923	-1.012	-.30178	-.30399	-.28607	-.29838	-.28107	-.28678	-.24929	-.21582	-.29805	-.26306
.921	.008	-.30068	-.30218	-.27996	-.29496	-.27826	-.28418	-.24840	-.21558	-.29380	-.26157
.920	2.021	-.30282	-.30288	-.27227	-.29508	-.27870	-.28505	-.25186	-.21519	-.29276	-.26343
.920	4.009	-.30507	-.30502	-.27145	-.29722	-.28416	-.28994	-.25693	-.21511	-.29359	-.26961
.921	4.996	-.30832	-.30833	-.27489	-.30088	-.28900	-.29414	-.25989	-.21756	-.29616	-.27518
	GRADIENT	-.00036	.00008	.00329	.00028	-.00024	-.00028	-.00113	.00049	.00087	-.00093

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN040) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.921	-5.013	-.27271	-.26989	-.24493	-.26306	-.26135	-.26502	-.25017	-.24353	-.26175	-.25193
.921	-4.013	-.26554	-.26238	-.23760	-.25628	-.25438	-.25773	-.24080	-.23263	-.25434	-.24435
.920	-3.003	-.25914	-.25664	-.22994	-.25082	-.24890	-.25153	-.23374	-.22404	-.24830	-.23833
.921	-1.993	-.25796	-.25514	-.22816	-.24930	-.24708	-.25002	-.23194	-.21731	-.24609	-.23693
.920	-1.008	-.25551	-.25371	-.22301	-.24740	-.24466	-.24772	-.23115	-.21229	-.24291	-.23435
.920	.007	-.25412	-.25276	-.21758	-.24559	-.24248	-.24650	-.23203	-.21073	-.23913	-.23298
.920	2.012	-.25584	-.25455	-.21657	-.24568	-.24435	-.24936	-.24014	-.21877	-.23482	-.23652
.922	4.006	-.25986	-.25829	-.22403	-.24891	-.24839	-.25414	-.24603	-.22747	-.23449	-.24178
.921	4.993	-.26308	-.26155	-.22559	-.25179	-.25167	-.25685	-.24832	-.22954	-.23514	-.24457
	GRADIENT	.00005	-.00013	.00117	.00036	.00014	-.00019	-.00145	-.00032	.00208	-.00031

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN041) (31 OCT 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 4/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
.156	.601	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.173	.602	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.129	.701	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.097	.800	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.100	.850	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.106	.901	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.106	.922	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.104	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.091	.960	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.100	.980	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.098	1.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.100	1.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.109	1.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.090	1.149	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.096	1.200	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.125	1.281	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00042	-.00042	-.00042	-.00042	-.00042	-.00042	-.00042	-.00042	-.00042	-.00042

RUN NO. 7/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.197	.602	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.126	.702	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.131	.801	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.097	.851	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.138	.900	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.107	.921	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.110	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.120	.960	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.120	.980	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.121	1.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.122	1.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.049	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.119	1.070	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.107	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	1.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	1.149	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.092	1.199	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.101	1.252	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.128	1.279	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN041) (31 OCT 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN.NO. 11/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
10.185	.600	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.145	.701	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.118	.800	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.119	.852	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.109	.901	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.131	.920	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.103	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.094	.959	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.135	.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.112	1.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.095	1.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.110	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.125	1.200	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
10.077	1.249	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN042) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

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

MOM. NO. 9/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.167	.800	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.125	.700	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.070	.803	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.101	.852	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.088	.902	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.103	.921	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.089	.950	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.099	.961	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.089	1.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.097	1.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.119	1.051	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	1.070	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.104	1.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.125	1.150	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.085	1.198	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.097	1.253	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	1.281	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00036	-.00036	-.00036	-.00036	-.00036	-.00036	-.00036	-.00036	-.00036	-.00036

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN043) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 10/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.168	.600	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.128	.699	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.129	.801	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.103	.853	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	.900	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.105	.919	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.083	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.100	.961	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.111	.979	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.092	1.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.096	1.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.117	1.049	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.109	1.070	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.117	1.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.120	1.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.083	1.199	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.098	1.252	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.129	1.280	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00072	.00072	.00072	.00072	.00072	.00072	.00072	.00072	.00072	.00072

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN044) (21 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 300/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.130	.649	-.25116	-.24610	-.24314	-.23158	-.23181	-.23731	-.22662	-.20285	-.22511	-.21730
5.115	.699	-.25065	-.24559	-.23784	-.23245	-.23252	-.23858	-.22881	-.20639	-.22424	-.21959
5.122	.749	-.24573	-.24307	-.22161	-.23190	-.23117	-.23795	-.22948	-.20936	-.22180	-.22196
5.074	.851	-.24700	-.24512	-.21853	-.23318	-.23499	-.24110	-.23594	-.22214	-.22374	-.22783
5.091	.921	-.24817	-.24710	-.22446	-.24071	-.24280	-.24737	-.24375	-.23658	-.22789	-.23550
5.093	.959	-.28011	-.27966	-.25438	-.27611	-.27449	-.27751	-.27583	-.27305	-.25837	-.27167
5.083	1.001	-.36620	-.36722	-.34130	-.35703	-.35668	-.36400	-.36240	-.35444	-.34455	-.35521
5.078	1.020	-.39635	-.39664	-.37549	-.38930	-.39025	-.39624	-.38919	-.37151	-.38118	-.38420
5.088	1.073	-.41146	-.41075	-.39342	-.40456	-.40503	-.40953	-.40208	-.38631	-.39938	-.40032
5.091	1.119	-.35289	-.35232	-.33522	-.34689	-.34696	-.35058	-.34317	-.32654	-.34218	-.34131
5.073	1.150	-.33581	-.33576	-.32091	-.32991	-.32932	-.33222	-.31996	-.29831	-.32547	-.32131
5.071	1.250	-.33372	-.33154	-.30867	-.32220	-.32232	-.32617	-.31834	-.30163	-.31794	-.32012
	GRADIENT	-.24420	-.25153	-.23424	-.26429	-.26383	-.25929	-.26114	-.26963	-.27139	-.28031

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN045) (31 OCT 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO	BETA =	.000	ELEVON =	-5.000
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO	AILRON =	.000	BDFLAP =	.000
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO	SPDBRK =	25.000	RUDDER =	.000
SCALE =	.0500			PHI =	.000		

PARAMETRIC DATA

RUN NO. 5/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.200	.600	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.109	.699	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.092	.802	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.104	.852	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.144	.903	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	.922	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.129	.953	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.140	.960	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.103	.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.089	.998	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.096	1.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.120	1.051	-.40226	-.40029	-.37381	-.38974	-.38975	-.39453	-.38656	-.37777	-.38408	-.38911
5.106	1.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.073	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.135	1.102	-.36690	-.36314	-.33546	-.35461	-.35266	-.35620	-.34553	-.33553	-.35147	-.35028
5.111	1.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.121	1.151	-.31867	-.31835	-.29936	-.31274	-.31141	-.31388	-.29273	-.27719	-.30835	-.30548
5.116	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.200	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.114	1.252	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.263	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.069	1.280	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.095	1.282	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	285.28435	285.28502	285.29150	285.28658	285.28703	285.28614	285.29105	285.29462	285.28837	285.28837

LARC 16FT TWT 326(OA270A) 39-0 ORB. (SKN046) (21 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 6/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.202	.601	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.110	.699	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.128	.802	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.100	.851	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.139	.900	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.109	.920	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.116	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	.960	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.124	.979	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.141	.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.124	1.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.110	1.050	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.105	1.071	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.141	1.101	-.36855	-.36850	-.34794	-.36134	-.36140	-.36476	-.35731	-.34167	-.35625	-.35685
5.107	1.122	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.134	1.151	-.33356	-.33299	-.31931	-.32631	-.32598	-.32913	-.30665	-.28339	-.32475	-.31525
5.119	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.100	1.199	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	1.201	-.27289	-.27247	-.25412	-.26673	-.26759	-.26899	-.26330	-.25439	-.26075	-.26421
5.129	1.251	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.134	1.253	-.30788	-.30751	-.28728	-.29886	-.30052	-.30206	-.29385	-.28063	-.29624	-.29736
5.112	1.262	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.086	1.282	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	770.52478	770.52524	770.53924	770.53008	770.53006	770.52868	770.53603	770.54727	770.53350	770.53350

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 8/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CPB1	CPB2	CPB3	CPB4	CPB5	CPB6	CPB7	CPB8	CPB9	CPB10
5.223	.602	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.172	.699	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.134	.798	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.153	.849	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	.899	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.107	.922	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.122	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.109	.960	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.144	.980	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.112	1.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.141	1.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	1.050	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.135	1.051	-.42288	-.42247	-.40170	-.41553	-.41663	-.41923	-.41111	-.40008	-.41044	-.41251
5.104	1.071	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.129	1.100	-.38479	-.38497	-.36616	-.37690	-.37775	-.38027	-.36579	-.34931	-.37418	-.37142
5.104	1.101	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.117	1.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.111	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	1.153	-.34618	-.34585	-.32756	-.33764	-.33945	-.34093	-.31577	-.28059	-.33443	-.32655
5.105	1.201	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.106	1.251	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.114	1.252	-.33206	-.33269	-.31026	-.32273	-.32384	-.32575	-.31521	-.29970	-.32060	-.31980
5.112	1.262	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.101	1.264	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	616.48240	616.48171	616.49456	616.48721	616.48676	616.48538	616.49479	616.50810	616.48951	616.49112

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 138/ 0 RN/L = 3.07 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.602	-1.135	.05915	.03578	-.00038	.02337	2.91210	.73148	3.04273	.00311
.604	-.148	.06073	.03568	-.00036	.02505	2.92087	.76448	3.05304	.00094
.604	.345	.06124	.03569	-.00037	.02555	2.92121	.79405	3.05794	-.00013
.600	.857	.06129	.03561	-.00037	.02568	2.89610	.84740	3.05417	-.00110
.600	1.349	.06139	.03549	-.00037	.02590	2.89324	.95337	3.05590	-.00251
.599	1.862	.06098	.03550	-.00037	.02548	2.88899	1.49381	3.05683	-.00312
.601	2.854	.05949	.03506	-.00033	.02443	2.90099	.28099	3.06941	-.00576
	GRADIENT	.00009	-.00016	.00001	.00026	-.00651	-.00839	.00534	-.00219

RUN NO. 137/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.802	-1.065	.06543	.03808	-.00028	.02735	4.31553	.74835	3.51986	.00194
.803	-.058	.06680	.03791	-.00028	.02890	4.32066	.78456	3.52317	.00003
.804	.440	.06705	.03772	-.00028	.02933	4.32958	.81639	3.52864	-.00054
.800	.952	.06712	.03750	-.00028	.02962	4.30186	.87532	3.52054	-.00170
.801	1.425	.06681	.03743	-.00028	.02938	4.30743	.98874	3.52541	-.00232
.801	1.933	.06648	.03731	-.00027	.02916	4.30793	1.47425	3.52786	-.00311
.799	2.936	.06513	.03705	-.00027	.02808	4.29596	.23323	3.52749	-.00563
	GRADIENT	-.00010	-.00027	.00000	.00017	-.00601	-.02461	.00174	-.00183

RUN NO. 136/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.900	-1.084	.07934	.03982	-.00026	.03951	4.90866	.75082	3.65187	.00271
.903	-.069	.08137	.03949	-.00027	.04188	4.92430	.78797	3.65757	.00089
.904	.432	.08184	.03933	-.00028	.04252	4.93086	.82500	3.66097	-.00005
.901	.969	.08105	.03898	-.00028	.04206	4.91286	.92831	3.65734	-.00118
.900	1.451	.08080	.03863	-.00029	.04216	4.90796	1.33137	3.65856	-.00201
.900	1.951	.07987	.03861	-.00029	.04126	4.91115	-.64110	3.66061	-.00295
.900	2.918	.07854	.03777	-.00025	.04076	4.90795	.48195	3.66146	-.00516
	GRADIENT	-.00034	-.00051	-.00000	.00017	-.00246	-.16215	.00200	-.00195

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 135/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.951	-1.081	.10347	.04759	-.00037	.05588	5.18120	.77198	3.69700	.00273
.949	-.080	.10182	.04660	-.00037	.05522	5.17006	.81254	3.69486	.00032
.949	.439	.10172	.04597	-.00034	.05575	5.16978	.85433	3.69724	-.00109
.949	.931	.10240	.04559	-.00031	.05681	5.17130	.93205	3.70008	-.00190
.950	1.434	.10150	.04520	-.00028	.05630	5.17310	1.19998	3.70211	-.00297
.950	1.934	.10126	.04507	-.00028	.05619	5.17310	-3.31173	3.70241	-.00395
.948	2.912	.09975	.04413	-.00024	.05562	5.16388	.48602	3.70291	-.00627
	GRADIENT	-.00077	-.00084	.00004	.00007	-.00285	-.43288	.00208	-.00221

RUN NO. 134/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.981	-1.077	.11746	.05294	-.00027	.06452	5.32729	.78329	3.70754	.00136
.980	-.049	.11623	.05161	-.00026	.06463	5.31828	.82994	3.70683	-.00005
.979	.416	.11483	.05102	-.00026	.06382	5.31793	.87093	3.71087	-.00039
.979	.966	.11402	.05061	-.00024	.06341	5.31475	.97307	3.71184	-.00208
.982	1.431	.11553	.05121	-.00022	.06433	5.32833	1.23894	3.71762	-.00352
.981	1.951	.11457	.05085	-.00021	.06373	5.32450	-4.32770	3.71745	-.00370
.980	2.948	.11303	.04998	-.00017	.06305	5.31977	.46089	3.71825	-.00629
	GRADIENT	-.00097	-.00062	.00003	-.00034	-.00037	-.53443	.00334	-.00194

RUN NO. 133/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	-1.063	.14216	.06345	-.00015	.07871	5.61921	.80604	3.73522	.00137
1.050	-.068	.14269	.06337	-.00014	.07932	5.62708	.86110	3.73848	-.00058
1.052	.452	.14342	.06360	-.00013	.07982	5.63298	.92008	3.74118	-.00144
1.050	.950	.14359	.06303	-.00012	.08056	5.62388	1.05575	3.74006	-.00132
1.050	1.455	.14397	.06311	-.00013	.08085	5.62487	2.00737	3.74177	-.00287
1.050	1.932	.14388	.06338	-.00013	.08050	5.62463	-.02190	3.74268	-.00352
1.048	2.948	.14406	.06292	-.00013	.08113	5.61842	.54955	3.74273	-.00568
	GRADIENT	.00050	-.00012	.00000	.00062	-.00076	-.07853	.00186	-.00169

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 132/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.101	-1.059	.14336	.05616	-.00013	.08720	5.81330	.79980	3.75716	.00218
1.101	-.077	.14399	.05709	-.00015	.08689	5.81214	.85595	3.75772	.00005
1.100	.454	.14464	.05712	-.00014	.08753	5.80631	.92381	3.75652	-.00086
1.101	.941	.14524	.05734	-.00015	.08790	5.81195	1.08171	3.75740	-.00192
1.100	1.437	.14576	.05742	-.00014	.08833	5.80629	3.13909	3.75623	-.00227
1.100	1.955	.14613	.05753	-.00014	.08859	5.80705	.24776	3.76031	-.00394
1.099	2.939	.14703	.05763	-.00012	.08940	5.80450	.57158	3.75868	-.00597
	GRADIENT	.00095	.00034	.00000	.00062	-.00216	.00248	.00052	-.00200

RUN NO. 131/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.202	-1.075	.13122	.04208	-.00009	.08914	6.09177	.80428	3.77247	.00516
1.202	-.052	.13202	.04252	-.00008	.08950	6.08902	.85360	3.77131	.00345
1.203	.433	.13236	.04257	-.00007	.08979	6.09310	.91394	3.77062	.00225
1.202	.951	.13247	.04267	-.00007	.08981	6.09064	1.08489	3.76820	.00060
1.201	1.442	.13261	.04252	-.00006	.09009	6.08798	4.73686	3.76646	.00031
1.200	1.936	.13253	.04265	-.00006	.08989	6.08321	.26308	3.76324	-.00038
1.199	2.928	.13237	.04275	-.00005	.08963	6.08120	.58741	3.76289	-.00314
	GRADIENT	.00028	.00014	.00001	.00015	-.00281	.08681	-.00279	-.00204

RUN NO. 130/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.250	-1.068	.14209	.04838	-.00006	.09371	6.18270	.79947	3.83228	.00493
1.252	-.048	.14343	.04849	-.00005	.09494	6.18539	.84971	3.83213	.00298
1.253	.437	.14383	.04869	-.00005	.09515	6.18836	.91197	3.82639	.00244
1.253	.932	.14402	.04905	-.00006	.09497	6.18726	1.09596	3.81209	.00110
1.253	1.445	.14420	.04919	-.00005	.09500	6.18309	-2.07509	3.79109	-.00070
1.252	1.946	.14363	.04878	-.00005	.09485	6.18347	.40997	3.80676	-.00181
1.252	2.962	.14270	.04851	-.00005	.09419	6.18608	.60963	3.79940	-.00350
	GRADIENT	.00015	.00007	.00000	.00007	.00021	-.21898	-.01029	-.00220

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN002) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 73/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.952	.111	.10662	.04411	-.00037	.06251	5.20232	.96966	3.71715	.00523
.952	2.612	.10354	.04257	-.00027	.06097	5.20118	.18523	3.71919	.00000
.951	5.123	.10074	04133	-.00023	.05941	5.19815	.56312	3.72216	-.00670
.951	8.132	.09487	.04099	-.00018	.05368	5.19660	.62255	3.72300	-.01386
.950	10.114	.09076	.04199	-.00018	.04877	5.19244	.64187	3.71955	-.02230
.950	12.125	.09055	.04506	-.00017	.04549	5.19199	.64686	3.71253	-.02156
.952	15.131	.09473	.05349	-.00021	.04124	5.19955	.65209	3.70854	-.05047
	GRADIENT	-.00123	-.00062	.00004	-.00062	-.00046	-.31365	.00082	-.00209

RUN NO. 67/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.053	.101	.14946	.06302	-.00010	.08645	5.65175	1.03050	3.77925	.00487
1.051	2.630	.15044	.06306	-.00007	.08738	5.64477	.43745	3.78616	.00037
1.051	5.108	.14897	.06361	-.00008	.08537	5.64590	.61499	3.79062	-.00624
1.051	8.104	.14410	.06455	-.00007	.07955	5.64669	.65026	3.79192	-.01265
1.051	10.130	.14018	.06706	-.00013	.07311	5.64754	.65712	3.78855	-.01748
1.049	12.117	.13643	.06825	-.00016	.06819	5.63854	.66138	3.77971	-.02542
1.052	15.103	.13299	.07042	-.00018	.06257	5.64743	.66173	3.77808	-.02508
	GRADIENT	.00039	.00002	.00001	.00037	-.00276	-.23450	.00273	-.00178

RUN NO. 54/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.271	.098	.15031	.05103	-.00010	.09928	6.20590	1.07789	3.71747	.00274
1.273	2.611	.14838	.05040	-.00008	.09798	6.20734	.56168	3.77786	-.00305
1.269	5.105	.14467	.05044	-.00005	.09424	6.20061	.65147	3.77849	-.00882
1.269	8.098	.13914	.05114	-.00002	.08800	6.201[illegible]	.67125	3.76716	-.01367
1.269	10.100	.13537	.05226	-.00006	.08311	6.20306	.67605	3.75248	-.01796
1.265	12.132	.13259	.05434	-.00014	.07825	6.19554	.67706	3.73844	-.02170
1.255	15.118	.12993	.05828	-.00029	.07165	6.18113	.67418	3.73408	-.03027
	GRADIENT	-.00077	-.00025	.00001	-.00052	.00057	-.20542	.02403	-.00230

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN003) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 93/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.950	.162	.10525	.04340	-.00036	.06186	5.20371	.97691	3.70863	.00391
.951	2.683	.10366	.04250	-.00027	.06117	5.20963	.25977	3.70793	-.00018
.951	5.167	.09987	.04106	-.00022	.05881	5.20600	.57163	3.70860	-.00836
.952	8.162	.09497	.04111	-.00017	.05387	5.21227	.62680	3.70952	-.01780
.949	10.177	.09029	.04166	-.00016	.04864	5.20061	.64363	3.70229	-.02466
.950	12.171	.09049	.04527	-.00018	.04522	5.20424	.64744	3.69764	-.02130
.951	15.174	.09378	.05303	-.00021	.04075	5.20722	.65154	3.68719	-.04924
	GRADIENT	-.00063	-.00036	.00004	-.00027	.00235	-.28447	-.00028	-.00162

RUN NO. 86/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.052	.143	.14871	.06259	-.00009	.08611	5.66109	1.02708	3.83148	.00423
1.051	2.639	.15010	.06253	-.00006	.08757	5.65408	.42826	3.82968	-.00137
1.052	5.150	.14680	.06314	-.00007	.08566	5.65793	.61584	3.83087	-.00655
1.053	8.148	.14349	.06469	-.00009	.07880	5.66111	.65063	3.83047	-.01397
1.048	10.143	.13862	.06623	-.00014	.07239	5.64413	.65825	3.82512	-.02148
1.052	12.138	.13712	.06859	-.00016	.06853	5.66057	.66154	3.82102	-.02507
1.050	15.163	.13176	.06991	-.00018	.06185	5.65212	.66156	3.81634	-.02647
	GRADIENT	.00056	-.00002	.00001	.00058	-.00281	-.23991	-.00072	-.00224

RUN NO. 50/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.274	.139	.15001	-999.00000	.00005	-999.00000	6.21629	1.11537	3.86159	.00259
1.270	2.619	.14838	-999.00000	.00006	-999.00000	6.20947	.57169	3.77965	-.00269
1.270	5.136	.14463	-999.00000	.00009	-999.00000	6.20915	.65358	3.76791	-.00756
	GRADIENT	-.00066	.00000	.00000	.00000	-.00275	-.21923	-.03304	-.00213

LARC 16FT TWT 326(OA270A) 79-0 ORB. (TKN004) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 106/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.952	.101	.10584	.04366	-.00036	.06218	5.21189	.96563	3.71787	.00492
.952	2.631	.10323	.04238	-.00026	.06085	5.21279	.20462	3.72032	-.00092
.951	5.109	.10009	.04117	-.00022	.05892	5.20994	.56790	3.72196	-.00456
.953	8.124	.09557	.04140	-.00017	.05416	5.22048	.62650	3.72724	-.01453
.951	10.127	.09076	.04199	-.00016	.04877	5.20797	.64233	3.72199	-.01846
.951	12.122	.09011	.04507	-.00017	.04504	5.20681	.64843	3.71527	-.02326
.951	15.125	.09376	.05303	-.00021	.04073	5.21078	.65183	3.70882	-.05076
	GRADIENT	-.00103	-.00051	.00004	-.00053	.00036	-.30079	.00097	-.00231

RUN NO. 101/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.052	.114	.15031	.06376	-.00008	.08655	5.66493	1.02835	3.78105	.00575
1.051	2.614	.15108	.06396	-.00007	.08711	5.65975	.43676	3.78832	-.00024
1.050	5.113	.14940	.06418	-.00007	.08522	5.65791	.61680	3.78830	-.00638
1.054	8.127	.14530	.06583	-.00007	.07947	5.67053	.65215	3.79020	-.01355
1.051	10.128	.14139	.06799	-.00014	.07341	5.66218	.65655	3.78629	-.02052
1.050	12.121	.13731	.06957	-.00016	.06774	5.65693	.66158	3.77963	-.02338
1.052	15.130	.13411	.07171	-.00019	.06240	5.66354	.66237	3.77626	-.02614
	GRADIENT	.00031	.00008	.00000	.00022	-.00207	-.23664	.00291	-.00240

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 75/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.902	.098	.08134	.03960	-.00031	.04174	4.93499	1.04327	3.69141	.00555
.903	2.601	.07939	.03806	-.00024	.04133	4.93972	.58974	3.69013	.00166
.901	5.113	.07757	.03671	-.00018	.04086	4.92778	.61490	3.69121	-.00436
.900	8.119	.07502	.03714	-.00015	.03789	4.92301	.63588	3.69152	-.01285
.902	10.127	.07500	.03908	-.00017	.03592	4.93289	.64435	3.69118	-.01760
.900	12.111	.07559	.04183	-.00018	.03376	4.92325	.64944	3.68574	-.02330
.902	15.113	.08056	.04829	-.00024	.03226	4.93279	.65395	3.67795	-.02394
	GRADIENT	-.00078	-.00062	.00003	-.00016	.00189	-.18119	-.00051	-.00155

RUN NO. 71/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.952	.105	.10381	.04692	-.00034	.05688	5.20014	1.04020	3.70524	.00632
.952	2.622	.10171	.04583	-.00022	.05588	5.20151	.60285	3.72110	.00009
.952	5.116	.09778	.04429	-.00019	.05349	5.19921	.65650	3.72424	-.00492
.951	8.112	.09073	.04313	-.00017	.04760	5.19372	.66741	3.72051	-.01585
.950	10.130	.08825	.04472	-.00017	.04353	5.19121	.67054	3.71710	-.02292
.954	12.125	.09035	.04932	-.00017	.04103	5.20900	.67241	3.71424	-.02389
.950	15.141	.09306	.05495	-.00021	.03811	5.19378	.66738	3.70529	-.04760
	GRADIENT	-.00083	-.00043	.00005	-.00040	.00054	-.17376	.00630	-.00248

RUN NO. 72/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.979	.107	.11515	.05139	-.00022	.06376	5.33135	1.10065	3.72845	.00660
.981	2.620	.11461	.05133	-.00016	.06328	5.34289	.59328	3.74258	.00028
.982	5.111	.11141	.05042	-.00014	.06098	5.34752	.65388	3.74507	-.00609
.981	8.125	.10663	.05142	-.00015	.05521	5.34498	.66953	3.74030	-.01287
.979	10.116	.10370	.05272	-.00016	.05098	5.33545	.67343	3.73209	-.01821
.979	12.098	.10323	.05592	-.00017	.04732	5.33573	.67420	3.72321	-.02474
.980	15.140	.10749	.06227	-.00018	.04521	5.33890	.66978	3.71380	-.02493
	GRADIENT	-.00021	-.00002	.00002	-.00019	.00459	-.20190	.00562	-.00251

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 68/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.050	.096	.14386	.06307	-.00012	.08079	5.64177	1.31005	3.77769	.00653
1.049	2.615	.14609	.06364	-.00012	.08245	5.63574	.62939	3.78031	-.00086
1.050	5.134	.14644	.06509	-.00012	.08135	5.63939	.66870	3.78364	-.00604
1.052	8.108	.14297	.06666	-.00014	.07630	5.64860	.67913	3.78582	-.01193
1.052	10.114	.13805	.06759	-.00014	.07046	5.64836	.67876	3.78363	-.01732
1.051	12.116	.13473	.06901	-.00019	.06572	5.64631	.67884	3.77908	-.02407
1.051	15.106	.13245	.07166	-.00025	.06079	5.64658	.67549	3.77481	-.02609
	GRADIENT	.00089	.00023	.00000	.00066	-.00200	-.27021	.00104	-.00293

RUN NO. 66/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.102	.113	.14683	.05837	-.00015	.08846	5.82986	1.18753	3.84090	.00548
1.103	2.621	.14880	.05854	-.00011	.09027	5.83137	.62557	3.81575	-.00038
1.101	5.125	.14667	.05864	-.00011	.08804	5.82582	.67010	3.80975	-.00612
1.101	8.085	.13968	.05801	-.00014	.08186	5.82761	.68063	3.80592	-.01290
1.100	10.096	.13486	.05815	-.00015	.07671	5.82288	.68012	3.79934	-.01683
1.099	12.117	.13135	.05898	-.00022	.07237	5.82210	.67963	3.79435	-.02477
1.099	15.100	.12868	.06090	-.00024	.06778	5.82103	.67544	3.78461	-.02438
	GRADIENT	.00079	.00007	.00002	.00072	.00060	-.22407	-.01003	-.00234

RUN NO. 65/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.202	.120	.13090	.04112	-.00010	.08978	6.10520	1.38536	3.87510	.00350
1.201	2.616	.13028	.04049	-.00008	.08979	6.10480	.63867	3.94593	-.00274
1.200	5.105	.13021	.04251	-.00006	.08770	6.10028	.67916	3.92915	-.00753
1.201	8.107	.12674	.04438	-.00009	.08236	6.10456	.68719	3.91108	-.01475
1.200	10.101	.12282	.04586	-.00012	.07695	6.10062	.68456	3.89646	-.01799
1.201	12.096	.12038	.04806	-.00015	.07232	6.10488	.68314	3.88047	-.02240
1.201	15.121	.11652	.05048	-.00022	.06603	6.10319	.67974	3.85400	-.03578
	GRADIENT	-.00025	-.00025	.00001	.00000	-.00016	-.29915	.02838	-.00250

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 56/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.271	.117	.14748	.05174	-.00008	.09574	6.20947	3.90068	3.72797	.00308
1.272	2.598	.14619	.05104	-.00007	.09515	6.20886	.66339	3.77736	-.00305
1.271	5.106	.14418	.05182	-.00005	.09236	6.20725	.68885	3.75916	-.00802
1.268	8.094	.14041	.05366	-.00008	.08675	6.20308	.69385	3.75186	-.01311
1.270	10.097	.13696	.05478	-.00018	.08218	6.20645	.69274	3.73472	-.01805
1.266	12.089	.13463	.05627	-.00019	.07837	6.20165	.69051	3.77308	-.02139
1.258	15.112	.13083	.05930	-.00013	.07153	6.19038	.68562	3.74565	-.02704
	GRADIENT	-.00052	-.00028	.00000	-.00024	-.00025	-1.30483	.01991	-.00247

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 97/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.902	.136	.08137	.03936	-.00030	.04201	4.95128	1.13060	3.66242	.00590
.902	2.652	.07787	.03715	-.00022	.04071	4.94834	.59325	3.66424	.00081
.902	5.154	.07763	.03665	-.00018	.04098	4.94827	.62149	3.66726	-.00633
.902	8.149	.07532	.03709	-.00016	.03823	4.94816	.63941	3.66721	-.01387
.899	10.167	.07367	.03867	-.00017	.03500	4.93597	.64498	3.66135	-.01624
.901	12.177	.07603	.04195	-.00019	.03408	4.94709	.65122	3.66123	-.02060
.900	15.170	.07855	.04727	-.00024	.03128	4.93756	.65381	3.65183	-.02386
	GRADIENT	-.00139	-.00088	.00003	-.00052	-.00117	-.21357	.00072	-.00202

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 94/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.951	.145	.10339	.04691	-.00033	.05648	5.20831	1.08927	3.71070	.00528
.952	2.642	.10131	.04565	-.00022	.05567	5.21317	.60918	3.71292	.00037
.950	5.150	.09690	.04368	-.00019	.05322	5.20557	.65766	3.71140	-.00631
.949	8.156	.09016	.04268	-.00016	.04749	5.19711	.66853	3.70879	-.02011
.948	10.158	.08733	.04411	-.00016	.04323	5.19438	.67092	3.70338	-.02424
.951	12.151	.08862	.04831	-.00016	.04031	5.20733	.67089	3.69542	-.02229
.951	15.190	.09323	.05521	-.00020	.03802	5.21206	.66783	3.68844	-.04800
	GRADIENT	-.00083	-.00050	.00004	-.00032	.00195	-.19227	.00089	-.00197

RUN NO. 92/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.980	.131	.11623	.05217	-.00021	.06406	5.34991	1.11949	3.71660	.00586
.981	2.672	.11421	.05128	-.00016	.06293	5.35473	.59897	3.72862	.00107
.980	5.164	.11011	.04982	-.00014	.06029	5.34858	.65563	3.72917	-.00507
.978	8.167	.10476	.05012	-.00015	.05464	5.34291	.67090	3.72428	-.01474
.982	10.160	.10525	.05372	-.00016	.05153	5.35870	.67452	3.71716	-.01908
.982	12.185	.10414	.05668	-.00016	.04746	5.36005	.67437	3.71106	-.02419
.980	15.176	.10691	.06220	-.00017	.04470	5.35190	.66992	3.70299	-.02394
	GRADIENT	-.00079	-.00035	.00002	-.00044	.00190	-.20485	.00473	-.00189

RUN NO. 87/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.051	.138	.14380	.06284	-.00011	.08096	5.65456	1.34164	3.81245	.00531
1.050	2.653	.14651	.06375	-.00011	.08276	5.65069	.63158	3.82087	.00003
1.053	5.149	.14768	.06551	-.00011	.08217	5.66347	.67002	3.82432	-.00700
1.049	8.153	.14150	.06636	-.00014	.07514	5.65012	.67963	3.82061	-.01398
1.051	10.146	.13761	.06743	-.00014	.07019	5.65518	.67983	3.81791	-.01896
1.049	12.149	.13335	.06838	-.00018	.06497	5.64919	.67908	3.81107	-.02489
1.050	15.163	.13078	.07154	-.00025	.05924	5.64976	.67542	3.80725	-.02518
	GRADIENT	.00108	.00036	.00000	.00072	-.00154	-.28233	.00335	-.00210

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN006) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 85/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.102	.139	.14728	.05866	-.00015	.08863	5.84199	1.25065	3.84425	.00503
1.102	2.635	.14844	.05832	-.00011	.09012	5.83862	.63063	3.87120	-.00060
1.103	5.147	.14659	.05829	-.00010	.08831	5.84342	.67010	3.87227	-.00606
1.099	8.146	.13982	.05810	-.00013	.08172	5.82871	.68125	3.86891	-.01377
1.102	10.148	.13460	.05778	-.00016	.07683	5.84080	.68100	3.86276	-.01918
1.101	12.149	.13059	.05839	-.00021	.07220	5.83731	.67968	3.85609	-.02487
1.101	15.151	.12754	.06038	-.00025	.06716	5.83552	.67518	3.84316	-.02593
	GRADIENT	.00046	-.00014	.00002	.00060	-.00135	-.24841	.01080	-.00226

RUN NO. 90/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.203	.128	.13262	.04302	-.00007	.08960	6.12026	2.29418	3.77721	.00530
1.197	2.657	.13190	.04296	-.00006	.08893	6.10898	.65400	3.77474	-.00054
1.201	5.160	.13151	.04467	-.00007	.08684	6.11494	.68469	3.78063	-.00608
1.201	8.150	.12813	.04667	-.00008	.08146	6.11675	.68994	3.77973	-.01255
1.200	10.135	.12438	.04830	-.00012	.07608	6.11373	.68830	3.77507	-.01982
1.197	12.141	.12065	.05016	-.00016	.07049	6.10914	.68554	3.76490	-.02370
1.202	15.151	.11757	.05202	-.00023	.06554	6.11872	.68146	3.76007	-.03588
	GRADIENT	-.00028	-.00002	.00000	-.00026	-.00446	-.64855	-.00098	-.00231

RUN NO. 40/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.277	.120	.14708	-999.00000	.00009	-999.00000	6.21851	1.28486	3.96841	.00371
1.270	4.120	.14478	-999.00000	.00011	-999.00000	6.20650	.67685	3.85316	-.00522
1.270	5.136	.14365	-999.00000	.00011	-999.00000	6.20749	.68477	3.84436	-.00644
1.269	6.128	.14248	-999.00000	.00011	-999.00000	6.20557	.68911	3.83697	-.00879
1.269	7.119	.14129	-999.00000	.00012	-999.00000	6.20506	.69145	3.83017	-.01002
1.269	8.142	.14011	-999.00000	.00010	-999.00000	6.20484	.69245	3.82452	-.01152
1.270	9.139	.13849	-999.00000	.00006	-999.00000	6.20782	.69249	3.81313	-.01372
1.270	10.151	.13713	-999.00000	.00001	-999.00000	6.20786	.69238	3.80238	-.01644
1.269	11.106	.13607	-999.00000	-.00003	-999.00000	6.20556	.69207	3.79553	-.01810
1.269	12.131	.13548	-999.00000	-.00001	-999.00000	6.20581	.69165	3.78496	-.02033
1.268	13.129	.13481	-999.00000	.00001	-999.00000	6.20481	.69107	3.77058	-.01821
1.264	15.124	.13233	-999.00000	.00003	-999.00000	6.19767	.68863	3.76392	-.02562
1.248	20.134	.12443	-999.00000	.00002	-999.00000	6.17319	.68310	3.75887	-.03491
	GRADIENT	-.00057	.00001	.00001	.00001	-.00300	-.15200	-.02881	-.00223

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 109/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	.097	.08094	.03943	-.00029	.04151	4.94190	1.04000	3.69187	.00542
.902	2.622	.07845	.03764	-.00022	.04081	4.94542	.59047	3.68943	.00123
.903	5.125	.07793	.03667	-.00018	.04126	4.94974	.61973	3.69358	-.00508
.899	8.136	.07443	.03709	-.00015	.03734	4.93294	.63842	3.69094	-.01713
.898	10.136	.07327	.03857	-.00015	.03470	4.92336	.64359	3.68732	-.01712
.901	12.123	.07579	.04185	-.00018	.03394	4.93964	.65053	3.68766	-.02442
.898	15.126	.07861	.04720	-.00024	.03140	4.92581	.65315	3.67980	-.02566
	GRADIENT	-.00099	-.00071	.00003	-.00028	.00139	-.17803	-.00097	-.00166

RUN NO. 107/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.952	.109	.10362	.04700	-.00032	.05661	5.21171	1.04345	3.72987	.00530
.951	2.616	.10082	.04538	-.00021	.05544	5.20898	.60653	3.72925	.00009
.951	5.111	.09711	.04377	-.00018	.05334	5.20664	.65868	3.72934	-.00641
.953	8.114	.09194	.04385	-.00016	.04809	5.21778	.67006	3.73242	-.01584
.951	10.129	.08779	.04430	-.00015	.04349	5.20665	.67170	3.72654	-.02225
.949	12.115	.08679	.04733	-.00016	.03947	5.19724	.67022	3.71772	-.02489
.951	15.140	.09246	.05473	-.00021	.03773	5.21159	.66774	3.71313	-.05005
	GRADIENT	-.00111	-.00064	.00004	-.00047	-.00109	-.17366	-.00025	-.00207

RUN NO. 105/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.982	.126	.11660	.05209	-.00020	.06451	5.36048	1.10612	3.72863	.00536
.981	2.614	.11409	.05080	-.00015	.06329	5.35375	.59293	3.72832	.00004
.981	5.098	.11102	.05024	-.00013	.06078	5.35602	.65514	3.73167	-.00507
.983	8.105	.10843	.05208	-.00013	.05634	5.36600	.67116	3.73549	-.01306
.982	10.140	.10498	.05356	-.00016	.05143	5.35885	.67450	3.72993	-.01836
.982	12.122	.10466	.05675	-.00016	.04792	5.36294	.67432	3.72346	-.02261
.980	15.114	.10649	.06149	-.00016	.04500	5.35117	.67019	3.71407	-.02468
	GRADIENT	-.00101	-.00052	.00002	-.00049	-.00270	-.20627	-.00012	-.00214

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN007) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 102/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.051	.093	.14543	.06425	-.00012	.08118	5.65937	1.24775	3.77777	.00582
1.051	2.616	.14833	.06515	-.00011	.08318	5.66153	.63155	3.77666	-.00003
1.053	5.125	.14916	.06653	-.00011	.08264	5.66826	.67056	3.77811	-.00560
1.052	8.114	.14435	.06755	-.00013	.07680	5.66413	.68036	3.77772	-.01214
1.051	10.096	.13906	.06860	-.00015	.07046	5.66155	.67997	3.77432	-.01686
1.051	12.123	.13585	.06978	-.00018	.06607	5.66070	.67953	3.76878	-.02394
1.051	15.110	.13368	.07296	-.00025	.06072	5.66081	.67608	3.76461	-.02475
	GRADIENT	.00115	.00036	.00000	.00079	.00086	-.24423	-.00044	-.00232

RUN NO. 100/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.099	.104	.14691	.05881	-.00015	.08809	5.83751	1.15112	3.81839	.00638
1.100	2.621	.14870	.05876	-.00010	.08993	5.84075	.62791	3.81658	.00052
1.102	5.133	.14675	.05864	-.00010	.08811	5.84392	.67079	3.81759	-.00599
1.101	8.104	.13984	.05810	-.00013	.08174	5.84145	.68119	3.82020	-.01264
1.102	10.107	.13473	.05802	-.00014	.07671	5.84435	.68113	3.81498	-.01595
1.101	12.136	.13076	.05859	-.00020	.07217	5.84325	.67980	3.80558	-.02246
1.100	15.118	.12838	.06080	-.00024	.06758	5.83882	.67549	3.79505	-.02463
	GRADIENT	.00071	-.00002	.00002	.00073	.00129	-.20787	-.00072	-.00233

RUN NO. 99/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.202	.117	.12874	.03879	-.00011	.08995	6.12328	1.21949	4.01972	.00491
1.202	2.622	.12986	.03979	-.00007	.09007	6.12502	.63888	3.98434	.00015
1.201	5.109	.12988	.04204	-.00005	.08784	6.12038	.67975	3.96173	-.00588
1.200	8.104	.12623	.04411	-.00007	.08211	6.11833	.68761	3.95089	-.01421
1.198	10.120	.12232	.04563	-.00010	.07670	6.11404	.68540	3.93464	-.01953
1.199	12.118	.11971	.04781	-.00014	.07190	6.11563	.68375	3.91291	-.02309
1.204	15.110	.11648	.05007	-.00019	.06641	6.12668	.68012	3.88371	-.02867
	GRADIENT	.00045	.00040	.00002	.00005	.00069	-.23178	-.01412	-.00190

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN008) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 91/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.981	.155	.11690	.05251	-.00021	.06438	5.35469	1.13312	3.72723	.00553
.982	2.660	.11515	.05168	-.00016	.06347	5.35603	.59890	3.73145	-.00003
.981	5.151	.11124	.05052	-.00014	.06071	5.35126	.65729	3.73143	-.00530
.983	8.182	.10849	.05232	-.00015	.05617	5.36409	.67170	3.72803	-.01462
.979	10.172	.10430	.05325	-.00016	.05105	5.34549	.67640	3.72017	-.01861
.980	12.161	.10373	.05645	-.00016	.04727	5.35032	.67760	3.71548	-.02369
.979	15.173	.10845	.06311	-.00018	.04533	5.34763	.67485	3.70371	-.02336
	GRADIENT	-.00070	-.00033	.00002	-.00036	.00053	-.21326	.00168	-.00222

RUN NO. 60/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	.071	.14545	.06474	-.00013	.08071	5.62275	1.25369	3.70529	.00586
1.051	2.630	.14902	.06572	-.00011	.08331	5.63119	.63055	3.69928	.00044
1.049	5.100	.14706	.06624	-.00013	.08082	5.62160	.66984	3.69550	-.00606
	GRADIENT	.00140	.00038	.00001	.00102	.00330	-.24351	-.00235	-.00212

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN009) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 74/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.953	.101	.10845	.04984	-.00022	.05861	5.20374	.60869	3.71736	.00632
.950	2.622	.10480	.04793	-.00017	.05687	5.19320	.69614	3.72638	-.00031
.949	5.108	.10056	.04566	-.00016	.05391	5.18555	.69753	3.72729	-.00557
.950	8.119	.09567	.04663	-.00016	.04904	5.19123	.69453	3.72556	-.01336
.951	10.107	.09404	.04822	-.00018	.04583	5.19844	.69243	3.72051	-.01946
.949	12.093	.09212	.05020	-.00018	.04192	5.18533	.68966	3.71214	-.02154
.950	15.122	.09868	.05823	-.00028	.04045	5.19054	.68386	3.70318	-.04652
	GRADIENT	-.00145	-.00076	.00002	-.00069	-.00418	.03469	.00358	-.00263

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN009) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 70/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.050	.093	.14573	.06439	-.00011	.08134	5.64055	.44342	3.76767	.00787
1.049	2.616	.14905	.06503	-.00009	.08402	5.63904	.69728	3.76859	.00090
1.051	5.114	.15096	.06711	-.00008	.08385	5.64513	.70312	3.77231	-.00591
1.052	8.105	.14900	.06961	-.00014	.07940	5.64951	.70283	3.77307	-.01099
1.052	10.117	.14451	.07139	-.00031	.07312	5.64895	.69911	3.76866	-.01520
1.052	12.125	.14202	.07292	-.00039	.06910	5.64974	.69692	3.76568	-.02229
1.051	15.124	.13933	.07488	-.00032	.06445	5.64715	.69038	3.76016	-.02442
	GRADIENT	.00132	.00025	.00001	.00106	-.00060	.10062	.00036	-.00276

RUN NO. 59/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.248	.105	.14567	.05089	-.00009	.09478	6.17821	.67063	3.73676	.00402
1.251	2.596	.14632	.05090	-.00008	.09542	6.18194	.71452	3.80309	-.00257
1.250	5.100	.14653	.05301	-.00006	.09352	6.17985	.71506	3.78956	-.00704
1.249	8.103	.14351	.05457	-.00002	.08894	6.17987	.71116	3.77876	-.01259
1.248	10.110	.14079	.05603	-.00005	.08476	6.17892	.70716	3.75595	-.01749
1.248	12.128	.13859	.05807	-.00019	.08053	6.17850	.70291	3.73523	-.02237
1.238	15.097	.13322	.05998	-.00025	.07323	6.16107	.69647	3.72706	-.02498
	GRADIENT	.00026	.00000	.00000	.00026	.00150	.01762	.02663	-.00265

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN010) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 96/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.952	.144	.10808	.04962	-.00022	.05846	5.21603	.65390	3.69186	.00606
.952	2.646	.10586	.04824	-.00017	.05761	5.21415	.69690	3.69477	.00184
.950	5.183	.10068	.04679	-.00016	.05388	5.20465	.69861	3.69485	-.00532
.948	8.170	.09439	.04587	-.00016	.04851	5.19795	.69546	3.69450	-.01577
.951	10.145	.09394	.04818	-.00018	.04576	5.21062	.69375	3.68782	-.02173
.951	12.142	.09400	.05133	-.00017	.04266	5.21495	.69069	3.68567	-.02184
.951	15.143	.10111	.05924	-.00028	.04187	5.21450	.68421	3.67452	-.04685
	GRADIENT	-.00089	-.00055	.00002	-.00034	-.00075	.01719	.00116	-.00169

RUN NO. 89/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	.148	.14487	.06363	-.00009	.08125	5.64965	.50042	3.80294	.00707
1.050	2.657	.14925	.06495	-.00008	.08429	5.65469	.69771	3.80530	.00157
1.051	5.143	.15093	.06680	-.00007	.08413	5.65586	.70349	3.80572	-.00592
1.048	8.144	.14676	.06871	-.00014	.07805	5.64630	.70281	3.80348	-.01024
1.052	10.145	.14477	.07105	-.00028	.07372	5.66349	.70017	3.80218	-.01679
1.051	12.125	.14116	.07248	-.00039	.06868	5.65920	.69703	3.79624	-.02178
1.049	15.144	.13711	.07391	-.00032	.06320	5.64849	.68992	3.78719	-.02295
	GRADIENT	.00175	.00053	.00000	.00121	.00201	.07863	.00094	-.00219

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN011) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 108/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.950	.118	.10680	.04912	-.00021	.05769	5.20544	.66191	3.72509	.00502
.950	2.599	.10446	.04753	-.00016	.05693	5.20215	.69744	3.72897	-.00075
.949	5.100	.10063	.04664	-.00015	.05399	5.20019	.69859	3.73052	-.00583
.951	8.118	.09689	.04739	-.00016	.04950	5.20872	.69701	3.73072	-.01326
.951	10.126	.09413	.04830	-.00018	.04583	5.21046	.69407	3.72742	-.02090
.950	12.108	.09185	.05006	-.00016	.04180	5.20616	.69130	3.72083	-.02035
.949	15.127	.09779	.05765	-.00028	.04014	5.20005	.68393	3.71057	-.04799
	GRADIENT	-.00094	-.00064	.00002	-.00031	-.00133	.01432	.00156	-.00233

RUN NO. 104/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	.115	.14637	.06509	-.00011	.08128	5.65261	.46508	3.75871	.00760
1.051	2.616	.15086	.06633	-.00008	.08452	5.66105	.69785	3.76029	.00174
1.051	5.098	.15258	.06781	-.00006	.08477	5.66237	.70392	3.76156	-.00531
1.051	8.088	.14979	.07009	-.00013	.07970	5.66225	.70366	3.76288	-.01142
1.049	10.119	.14448	.07164	-.00028	.07285	5.65196	.70030	3.76156	-.01733
1.051	12.099	.14289	.07361	-.00040	.06928	5.66035	.69759	3.75798	-.02130
1.052	15.111	.14087	.07580	-.00035	.06507	5.66636	.69067	3.75433	-.02466
	GRADIENT	.00180	.00050	.00001	.00130	.00337	.09307	.00063	-.00234

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN012) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	-5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 154/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.603	.156	.06165	.03359	-.00025	.02806	2.90840	.86186	3.09492	2.03738
.602	2.644	.05922	.03363	-.00028	.02559	2.90418	2.20914	3.09851	2.06419
.603	5.153	.05111	.03437	-.00032	.01674	2.90650	.38426	3.10427	2.08846
.601	8.164	.03402	.03392	-.00028	.00010	2.89650	.54873	3.10356	2.11026
.604	10.165	.02080	.03440	-.00028	-.01360	2.91809	.57849	3.11644	2.11987
.601	12.173	.00761	.03568	-.00029	-.02807	2.89334	.59554	3.10582	2.12733
	GRADIENT	-.00098	.00002	-.00001	-.00099	-.00170	.54151	.00144	.01078

RUN NO. 150/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.897	.078	.08608	.03861	-.00029	.04747	4.88057	.92254	3.65867	2.06589
.902	2.582	.08572	.03802	-.00026	.04770	4.90917	-.29281	3.67013	2.09316
.902	5.068	.08375	.03719	-.00024	.04656	4.90687	.51523	3.67048	2.11638
.898	8.098	.08082	.03660	-.00017	.04422	4.88664	.58787	3.66707	2.12928
.900	10.074	.07996	.03766	-.00018	.04231	4.89684	.60459	3.66946	2.14113
.899	12.120	.08003	.03963	-.00019	.04039	4.89257	.62100	3.66530	2.14686
	GRADIENT	-.00014	-.00024	.00001	.00009	.01142	-.48536	.00458	.01089

RUN NO. 147/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.954	.082	.10855	.04284	-.00025	.06571	5.18338	.96006	3.70787	2.06942
.948	2.590	.10369	.04100	-.00024	.06270	5.15305	-.09845	3.69312	2.09276
.949	5.103	.10106	.03966	-.00018	.06140	5.15635	.54053	3.69611	2.11447
.949	8.088	.09541	.04002	-.00017	.05539	5.15986	.61352	3.70011	2.13662
.953	10.090	.09359	.04222	-.00015	.05136	5.17783	.63944	3.70091	2.14445
.951	12.088	.09068	.04460	-.00016	.04608	5.16817	.64910	3.69416	2.14757
	GRADIENT	-.00194	-.00073	.00000	-.00120	-.01209	-.42205	-.00588	.00931

RUN NO. 140/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.248	.093	.14863	.04914	-.00007	.09949	6.16597	1.01479	3.80760	2.07123
1.252	2.594	.14780	.04912	-.00008	.09868	6.17101	.51488	3.86105	2.09660
1.251	5.096	.14508	.04963	-.00006	.09545	6.16827	.64286	3.85596	2.11650
1.248	8.109	.13993	.05078	-.00007	.08916	6.16616	.66829	3.84962	2.13300
1.250	10.110	.13632	.05206	-.00010	.08426	6.16716	.67363	3.83226	2.14069
1.250	12.087	.13293	.05312	-.00016	.07981	6.16776	.67453	3.81692	2.15117
	GRADIENT	-.00033	-.00001	-.00000	-.00032	.00202	-.19988	.02137	.01014

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 155/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.602	.152	.06035	.03612	-.00032	.02423	2.89760	.93326	3.12201	2.03695
.602	2.667	.05712	.03597	-.00033	.02116	2.90433	.52467	3.12760	2.06591
.598	5.148	.04895	.03683	-.00044	.01212	2.87339	.60448	3.11369	2.08841
.601	8.153	.03083	.03623	-.00039	-.00539	2.89300	.62923	3.12588	2.10956
.598	10.162	.01731	.03673	-.00037	-.01941	2.87565	.63395	3.11769	2.11952
.599	12.151	.00460	.03801	-.00044	-.03350	2.87666	.63752	3.11838	2.12713
	GRADIENT	-.00128	-.00006	-.00000	-.00122	.00268	-.16246	.00222	.01151

RUN NO. 153/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.799	.078	.06666	.03864	-.00034	.02802	4.28707	.92065	3.53323	2.05627
.803	2.585	.06372	.03798	-.00031	.02574	4.30879	.48448	3.54405	2.08386
.803	5.077	.05687	.03785	-.00030	.01902	4.31090	.60407	3.54773	2.10591
.803	8.115	.04925	.03778	-.00027	.01147	4.30906	.63318	3.54836	2.12524
.802	10.110	.04787	.03869	-.00026	.00918	4.30785	.63601	3.54894	2.13752
.801	12.097	.04892	.04075	-.00029	.00818	4.29916	.63834	3.54327	2.14203
	GRADIENT	-.00117	-.00026	.00001	-.00091	.00866	-.17398	.00432	.01101

RUN NO. 151/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.900	.077	.08058	.04002	-.00035	.04056	4.89543	.99304	3.67126	2.06785
.901	2.577	.07973	.03922	-.00032	.04051	4.90039	.56168	3.67357	2.09547
.900	5.095	.07823	.03810	-.00027	.04013	4.89600	.60878	3.67384	2.11799
.900	8.107	.07563	.03818	-.00022	.03744	4.89664	.63460	3.67397	2.13114
.904	10.109	.07604	.04001	-.00019	.03603	4.91866	.64346	3.67908	2.14392
.901	12.085	.07664	.04295	-.00026	.03369	4.90260	.64982	3.66959	2.14470
	GRADIENT	-.00034	-.00032	.00001	-.00002	.00198	-.17254	.00092	.01105

RUN NO. 148/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.953	.086	.10444	.04588	-.00023	.05856	5.17834	1.02234	3.70808	2.06441
.953	2.568	.10348	.04418	-.00018	.05930	5.17989	.56840	3.70948	2.08780
.952	5.096	.09879	.04325	-.00017	.05554	5.17641	.64880	3.70924	2.10553
.952	8.102	.09270	.04338	-.00018	.04932	5.17606	.66311	3.70498	2.12952
.949	10.097	.08763	.04411	-.00020	.04352	5.16181	.66787	3.70063	2.14217
.949	12.111	.08739	.04689	-.00017	.04050	5.15827	.67152	3.69474	2.14519
	GRADIENT	-.00039	-.00068	.00002	.00030	.00062	-.18289	.00056	.00942

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 146/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.980	.099	.11582	.04978	-.00014	.06604	5.30816	1.04091	3.69337	2.06562
.983	2.603	.11594	.04997	-.00014	.06597	5.32402	.55593	3.70065	2.08938
.982	5.080	.11287	.04924	-.00014	.06363	5.31998	.64410	3.70259	2.10670
.972	8.098	.10076	.04691	-.00017	.05385	5.27170	.66516	3.69194	2.12530
.981	10.082	.10610	.05259	-.00013	.05350	5.31640	.67129	3.69845	2.13302
.981	12.093	.10484	.05570	-.00013	.04915	5.31745	.67364	3.69339	2.14340
	GRADIENT	.00005	.00008	.00000	-.00003	.00633	-.19368	.00291	.00949

RUN NO. 145/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.050	.096	.14613	.06411	-.00010	.08203	5.61217	1.17644	3.71256	2.06896
1.053	2.580	.14966	.06535	-.00011	.08431	5.62724	.61032	3.72102	2.09303
1.050	5.086	.14791	.06523	-.00011	.08268	5.61260	.66320	3.71837	2.11159
1.052	8.094	.14534	.06760	-.00012	.07774	5.62005	.67711	3.71813	2.12884
1.046	10.082	.13914	.06919	-.00015	.06995	5.59923	.67804	3.71331	2.13815
1.051	12.095	.13828	.07038	-.00017	.06789	5.61794	.67945	3.71188	2.14277
	GRADIENT	.00142	.00050	-.00000	.00092	.00607	-.22791	.00341	.00969

RUN NO. 144/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.101	.094	.14719	.05858	-.00013	.08861	5.79698	1.12075	3.72984	2.06764
1.100	2.577	.14850	.05839	-.00010	.09011	5.79297	.60344	3.72850	2.09110
1.099	5.100	.14565	.05761	-.00011	.08804	5.78948	.66307	3.72704	2.11079
1.097	8.088	.13997	.05807	-.00012	.08190	5.78643	.67808	3.72705	2.12729
1.098	10.083	.13591	.05851	-.00016	.07740	5.78835	.67918	3.72629	2.13600
1.099	12.095	.13176	.05870	-.00020	.07306	5.79070	.67968	3.72635	2.14431
	GRADIENT	.00053	-.00008	.00001	.00060	-.00161	-.20834	-.00054	.00945

RUN NO. 143/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.199	.087	.13105	.04089	-.00010	.09017	6.06830	1.25685	3.73929	2.07093
1.201	2.573	.13219	.04204	-.00009	.09014	6.07427	.63080	3.74466	2.09671
1.200	5.115	.13054	.04312	-.00007	.08742	6.06903	.67789	3.74513	2.11533
1.197	8.081	.12742	.04543	-.00008	.08199	6.06301	.68751	3.74832	2.13019
1.201	10.076	.12553	.04776	-.00010	.07776	6.07603	.68721	3.74557	2.13646
1.199	12.082	.12284	.04898	-.00015	.07386	6.06708	.68653	3.74085	2.14127
	GRADIENT	.00046	.00046	.00000	-.00001	.00240	-.25183	.00216	.01037

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 141/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.253	.083	.14601	.05014	-.00006	.09587	6.17340	1.28672	3.76591	2.07199
1.253	2.592	.14525	.05007	-.00007	.09519	6.17500	.64349	3.79615	2.09699
1.252	5.081	.14339	.05095	-.00005	.09244	6.17108	.68331	3.79110	2.11584
1.248	8.088	.14031	.05316	-.00008	.08716	6.16605	.69136	3.78497	2.13256
1.251	10.101	.13725	.05431	-.00011	.08295	6.17101	.69117	3.77522	2.13880
1.250	12.106	.13507	.05617	-.00018	.07890	6.16993	.69074	3.76286	2.14357
	GRADIENT	-.00030	-.00003	-.00000	-.00027	.00064	-.25637	.01205	.00996

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN014) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 156/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.604	.156	.06358	.03914	-.00040	.02444	2.91465	.76719	3.14977	2.03725
.601	2.671	.06037	.03883	-.00042	.02154	2.89621	.69043	3.13623	2.06564
.602	5.135	.05159	.03956	-.00055	.01203	2.89853	.67742	3.13889	2.08911
.600	8.166	.03341	.03872	-.00048	-.00531	2.88918	.67105	3.13358	2.11068
.599	10.164	.01970	.03898	-.00050	-.01928	2.87763	.66784	3.12892	2.12038
.603	12.178	.00792	.03988	-.00054	-.03196	2.90527	.66555	3.14253	2.12900
	GRADIENT	-.00128	-.00012	-.00001	-.00115	-.00733	-.03052	-.00538	.01129

RUN NO. 152/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	.092	.08108	.04136	-.00034	.03972	4.89957	.67608	3.67006	2.06363
.901	2.588	.08063	.04082	-.00032	.03981	4.90201	.68052	3.67663	2.08985
.901	5.089	.08033	.03996	-.00031	.04037	4.90219	.67835	3.67780	2.11768
.903	8.103	.07927	.04104	-.00028	.03823	4.91734	.67793	3.68161	2.12671
.902	10.099	.07876	.04313	-.00028	.03563	4.90940	.67613	3.67497	2.14210
.903	12.094	.08139	.04601	-.00026	.03538	4.91116	.67742	3.67078	2.14489
	GRADIENT	-.00018	-.00022	.00001	.00004	.00098	.00178	.00263	.01050

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN014) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 149/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.952	.094	.10771	.04834	-.00020	.05937	5.17241	.65062	3.70898	2.06343
.951	2.580	.10729	.04707	-.00019	.06022	5.17007	.69412	3.70799	2.08706
.950	5.106	.10254	.04625	-.00019	.05629	5.16154	.69921	3.70771	2.10618
.947	8.088	.09517	.04621	-.00022	.04897	5.15205	.69740	3.70019	2.12685
.953	10.108	.09859	.04952	-.00017	.04906	5.17952	.69895	3.70203	2.13355
.950	12.091	.09491	.05064	-.00018	.04427	5.16514	.69597	3.69336	2.14681
	GRADIENT	-.00017	-.00051	.00000	.00034	-.00094	.01750	-.00040	.00951

RUN NO. 142/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.251	.079	.14741	.05132	-.00014	.09609	6.16890	.67661	3.75963	2.07224
1.254	2.584	.14944	.05248	-.00010	.09696	6.17370	.71687	3.75631	2.09685
1.251	5.100	.14899	.05403	-.00009	.09496	6.16844	.71719	3.75397	2.11701
1.248	8.076	.14609	.05528	-.00009	.09081	6.16538	.71364	3.75302	2.13401
1.250	10.081	.14350	.05606	-.00004	.08745	6.16695	.70987	3.74749	2.14229
1.252	12.091	.14181	.05732	-.00013	.08449	6.17111	.70726	3.73639	2.14753
	GRADIENT	.00081	.00046	.00002	.00035	.00192	.01607	-.00133	.00982

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN015) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 55/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.599	.153	.06294	.03379	-.00031	.02915	2.88412	.85252	3.14755	.00083
.600	2.676	.05943	.03309	-.00023	.02634	2.89234	1.77645	3.07222	-.00316
.599	5.165	.05119	.03281	-.00019	.01838	2.88715	.34892	3.11495	-.00872
.600	8.169	.03448	.03270	-.00016	.00179	2.88945	.54139	3.12151	-.01423
.601	10.167	.02096	.03320	-.00016	-.01224	2.89623	.57381	3.12885	-.01803
.600	12.175	.00775	.03440	-.00017	-.02665	2.89062	.59268	3.13149	-.02194
.602	15.185	.01110	.03862	-.00023	-.02752	2.90418	.61346	3.14096	-.03002
	GRADIENT	-.00139	-.00028	.00003	-.00111	.00326	.36620	-.02986	-.00158

RUN NO. 64/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.802	.076	.07175	.03616	-.00026	.03559	4.31820	.87398	3.52073	.00178
.802	2.623	.06827	.03537	-.00022	.03290	4.32067	2.26184	3.52018	-.00231
.801	5.106	.05995	.03466	-.00018	.02529	4.31117	.37196	3.51896	-.00713
.801	8.130	.05133	.03462	-.00016	.01670	4.31159	.55347	3.52161	-.01277
.798	10.084	.04856	.03536	-.00015	.01320	4.29261	.57978	3.51458	-.01694
.801	12.130	.05065	.03732	-.00015	.01333	4.31647	.59529	3.52063	-.02513
.801	15.097	.05825	.04262	-.00022	.01563	4.31425	.61734	3.51420	-.02782
	GRADIENT	-.00137	-.00031	.00002	-.00106	.00097	.54490	-.00022	-.00161

RUN NO. 61/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	.108	.08864	.03853	-.00030	.05011	4.91518	.93063	3.63683	.00391
.903	2.596	.08573	.03680	-.00019	.04893	4.92586	-.45183	3.63882	-.00060
.901	5.111	.08373	.03583	-.00015	.04790	4.91805	.51299	3.63734	-.00233
.897	8.124	.07994	.03581	-.00014	.04413	4.89376	.58257	3.63178	-.01326
.899	10.117	.07976	.03683	-.00012	.04293	4.90553	.60510	3.63337	-.01805
.899	12.149	.07932	.03904	-.00017	.04028	4.90507	.62041	3.63157	-.02549
.899	15.144	.08190	.04487	-.00019	.03703	4.90513	.63277	3.62176	-.02564
	GRADIENT	-.00117	-.00070	.00004	-.00047	.00429	-.55565	.00080	-.00181

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 114/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.951	.078	.10694	.04344	-.00037	.06350	5.20611	.94468	3.73342	.00493
.952	2.595	.10471	.04273	-.00027	.06198	5.21317	-.08781	3.73759	.00095
.954	5.083	.10272	.04165	-.00021	.06106	5.22189	.54933	3.73944	-.00449
.949	8.087	.09503	.04065	-.00018	.05438	5.19939	.61582	3.73491	-.01385
.945	10.075	.08993	.04062	-.00016	.04930	5.17942	.63375	3.73024	-.01604
.952	12.059	.09067	.04545	-.00017	.04522	5.21242	.64859	3.73293	-.02159
.953	15.083	.09491	.05394	-.00020	.04097	5.21965	.65327	3.72488	-.04912
	GRADIENT	-.00089	-.00028	.00004	-.00060	.00280	-.41021	.00166	-.00158

RUN NO. 111/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.271	.074	.14965	.05075	-.00010	.09890	6.24624	1.05494	3.77759	.00348
1.272	2.596	.14802	.05037	-.00008	.09765	6.24765	.54641	3.84704	-.00082
1.271	5.069	.14434	.05049	-.00004	.09385	6.24758	.64951	3.83958	-.00679
1.269	8.067	.13863	.05119	-.00001	.08744	6.24488	.67168	3.83381	-.01247
1.270	10.081	.13452	.05195	-.00003	.08257	6.24504	.67688	3.82748	-.01769
1.268	12.061	.13169	.05390	-.00011	.07779	6.24355	.67910	3.81653	-.02219
1.265	15.065	.12939	.05789	-.00026	.07150	6.23623	.67688	3.79163	-.02489
	GRADIENT	-.00065	-.00015	.00001	-.00050	.00056	-.20164	.02754	-.00170

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 42/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.602	.172	.06214	-999.00000	-.00030	-999.00000	2.90983	.90967	3.08916	.00291
.602	.677	.06198	-999.00000	-.00029	-999.00000	2.90781	1.17860	3.10749	.00233
.601	1.195	.06146	-999.00000	-.00027	-999.00000	2.90175	-6.45162	3.11256	.00076
.603	1.708	.06066	-999.00000	-.00026	-999.00000	2.91233	.18834	3.12649	-.00026
.603	2.201	.05970	-999.00000	-.00024	-999.00000	2.91654	.41008	3.13398	-.00105
.601	4.194	.05342	-999.00000	-.00018	-999.00000	2.90036	.57509	3.13302	-.00461
.601	5.218	.04890	-999.00000	-.00017	-999.00000	2.90190	.59630	3.14024	-.00664
.602	6.187	.04384	-999.00000	-.00013	-999.00000	2.90448	.60893	3.14579	-.00939
.600	7.210	.03756	-999.00000	-.00012	-999.00000	2.89071	.61886	3.14365	-.01117
.598	8.183	.03140	-999.00000	-.00011	-999.00000	2.88002	.62511	3.14302	-.01257
.603	9.201	.02447	-999.00000	-.00010	-999.00000	2.91253	.62898	3.16160	-.01501
.603	10.190	.01751	-999.00000	-.00010	-999.00000	2.91475	.63082	3.16514	-.01650
.603	11.194	.01062	-999.00000	-.00010	-999.00000	2.91561	.63302	3.17080	-.01748
.599	12.193	.00456	-999.00000	-.00011	-999.00000	2.88725	.63440	3.15825	-.01992
.600	13.194	.00753	-999.00000	-.00013	-999.00000	2.89542	.63858	3.16384	-.02679
.599	15.179	.01186	-999.00000	-.00016	-999.00000	2.88315	.64142	3.15931	-.03083
.600	20.212	.01689	-999.00000	-.00024	-999.00000	2.89443	.65398	3.16580	-.04745
	GRADIENT	-.00224	.00001	.00003	.00001	-.00140	.22514	.01020	-.00190

RUN NO. 31/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.801	.047	.06674	-999.00000	-.00010	-999.00000	4.34094	.88846	3.77440	.00288
.801	.562	.06637	-999.00000	-.00009	-999.00000	4.33923	.99271	3.74648	.00204
.800	1.063	.06624	-999.00000	-.00009	-999.00000	4.33402	1.92900	3.73207	.00151
.799	1.588	.06535	-999.00000	-.00009	-999.00000	4.33005	-.39800	3.72197	.00046
.802	2.079	.06485	-999.00000	-.00008	-999.00000	4.34600	.29825	3.71497	-.00085
.801	4.075	.05935	-999.00000	-.00006	-999.00000	4.33947	.56603	3.70111	-.00454
.800	5.075	.05586	-999.00000	-.00005	-999.00000	4.33204	.59741	3.69367	-.00656
.798	6.075	.05274	-999.00000	-.00004	-999.00000	4.32359	.61413	3.68537	-.00922
.803	7.041	.05098	-999.00000	-.00004	-999.00000	4.34981	.62462	3.68523	-.00977
.799	8.042	.04853	-999.00000	-.00003	-999.00000	4.32977	.63078	3.67220	-.01208
.802	9.060	.04765	-999.00000	-.00002	-999.00000	4.34529	-.63335	3.67287	-.01480
.799	10.036	.04654	-999.00000	-.00003	-999.00000	4.32771	.63523	3.65876	-.01644
.801	11.060	.04680	-999.00000	-.00002	-999.00000	4.33926	.63634	3.65853	-.01832
.801	12.042	.04744	-999.00000	-.00003	-999.00000	4.34099	.63718	3.65228	-.02086
.800	13.035	.04820	-999.00000	-.00003	-999.00000	4.33165	.64019	3.64291	-.02387
.802	15.079	.05549	-999.00000	-.00007	-999.00000	4.34427	.64815	3.63917	-.02653
.803	20.050	.06099	-999.00000	-.00017	-999.00000	4.35425	.65188	3.62522	-.03359
	GRADIENT	-.00186	-.00001	.00001	-.00001	.00039	-.17428	-.01634	-.00188

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 2/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.899	.088	.08056	-999.00000	-.00020	-999.00000	4.89380	.94559	3.90283	.00217
.899	.596	.08030	-999.00000	-.00020	-999.00000	4.89435	1.43288	3.86456	.00105
.900	1.112	.08013	-999.00000	-.00021	-999.00000	4.90264	-.20216	3.83760	.00101
.898	1.592	.07882	-999.00000	-.00020	-999.00000	4.89044	.36047	3.81680	-.00082
.898	2.121	.07833	-999.00000	-.00020	-999.00000	4.89051	.50030	3.80494	-.00148
.899	4.085	.07764	-999.00000	-.00012	-999.00000	4.89772	.58618	3.79451	-.00408
.899	5.115	.07703	-999.00000	-.00012	-999.00000	4.89472	.59923	3.77442	-.00676
.899	6.111	.07646	-999.00000	-.00011	-999.00000	4.89452	.60907	3.76372	-.00948
.899	7.121	.07606	-999.00000	-.00011	-999.00000	4.89778	.61949	3.75182	-.01065
.902	8.108	.07624	-999.00000	-.00011	-999.00000	4.91011	.63007	3.74654	-.01380
.898	9.127	.07405	-999.00000	-.00010	-999.00000	4.89244	.63406	3.73566	-.01673
.899	10.157	.07387	-999.00000	-.00011	-999.00000	4.89530	.63888	3.73034	-.01951
.900	11.127	.07468	-999.00000	-.00012	-999.00000	4.90235	.64465	3.72523	-.02315
.899	12.084	.07514	-999.00000	-.00014	-999.00000	4.89727	.64729	3.71733	-.02444
.899	13.107	.07658	-999.00000	-.00018	-999.00000	4.89561	.65035	3.71352	-.02614
.903	15.108	.08075	-999.00000	-.00023	-999.00000	4.91592	.65508	3.70916	-.02956
.899	20.111	.08013	-999.00000	-.00019	-999.00000	4.89331	.65704	3.68996	-.04365
	GRADIENT	-.00080	.00000	.00002	.00000	.00032	-.10538	-.02502	-.00158

RUN NO. 12/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.949	.084	.10250	-999.00000	-.00014	-999.00000	5.17948	1.00223	3.94031	.00463
.948	.579	.10147	-999.00000	-.00013	-999.00000	5.17556	1.62077	3.91319	.00409
.949	1.071	.10107	-999.00000	-.00012	-999.00000	5.17835	-.21249	3.89901	.00280
.950	1.589	.10110	-999.00000	-.00011	-999.00000	5.18371	.40233	3.88435	.00170
.949	2.126	.10035	-999.00000	-.00008	-999.00000	5.17720	.52969	3.87199	.00073
.950	4.129	.09842	-999.00000	-.00005	-999.00000	5.18473	.63487	3.86040	-.00383
.953	5.126	.09811	-999.00000	-.00003	-999.00000	5.19756	.64992	3.85686	-.00695
.948	6.123	.09306	-999.00000	-.00005	-999.00000	5.17473	.65412	3.84177	-.00835
.951	7.076	.09221	-999.00000	-.00004	-999.00000	5.18892	.65884	3.83845	-.01285
.948	8.053	.08921	-999.00000	-.00004	-999.00000	5.17544	.66145	3.82546	-.01605
.950	9.052	.08885	-999.00000	-.00003	-999.00000	5.18331	.66356	3.81824	-.01419
.950	10.074	.08759	-999.00000	-.00003	-999.00000	5.18121	.66709	3.80775	-.01790
.951	11.056	.08779	-999.00000	-.00004	-999.00000	5.18629	.66986	3.79797	-.02075
.952	12.063	.08850	-999.00000	-.00004	-999.00000	5.19401	.67107	3.79037	-.02220
.950	13.074	.08961	-999.00000	-.00005	-999.00000	5.18381	.66945	3.77731	-.02554
.946	15.049	.09020	-999.00000	-.00011	-999.00000	5.16149	.66594	3.74685	-.04958
.915	19.957	.08050	-999.00000	-.00014	-999.00000	4.99573	.65763	3.70631	-.04015
	GRADIENT	-.00094	.00000	.00002	.00000	.00162	-.11342	-.01835	-.00213

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 36/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.050	.094	.13756	-999.00000	.00002	-999.00000	5.62946	1.15362	3.81702	.00647
1.052	.619	.13932	-999.00000	.00002	-999.00000	5.63416	19.18658	3.82204	.00541
1.051	1.123	.13948	-999.00000	.00002	-999.00000	5.63175	.26157	3.82349	.00446
1.051	1.610	.14002	-999.00000	.00002	-999.00000	5.63270	.49382	3.82615	.00273
1.051	2.128	.14083	-999.00000	.00002	-999.00000	5.63272	.57251	3.82624	.00148
1.051	4.095	.14225	-999.00000	.00002	-999.00000	5.63286	.65291	3.83030	-.00311
1.051	5.108	.14092	-999.00000	.00002	-999.00000	5.63048	.66355	3.83081	-.00494
1.050	6.117	.13896	-999.00000	.00002	-999.00000	5.62686	.67006	3.83132	-.00815
1.050	7.105	.13766	-999.00000	.00003	-999.00000	5.62704	.67353	3.83157	-.00960
1.050	8.120	.13585	-999.00000	.00002	-999.00000	5.62849	.67603	3.82963	-.01071
1.050	9.109	.13336	-999.00000	.00002	-999.00000	5.62818	.67679	3.82873	-.01522
1.049	10.125	.13121	-999.00000	.00003	-999.00000	5.62593	.67694	3.82649	-.01564
1.050	11.108	.13142	-999.00000	.00003	-999.00000	5.63053	.67774	3.82179	-.01684
1.053	12.130	.13292	-999.00000	.00001	-999.00000	5.64138	.67890	3.81050	-.02169
1.051	13.117	.13136	-999.00000	-.00001	-999.00000	5.63214	.67880	3.80389	-.02399
1.051	15.127	.13205	-999.00000	-.00009	-999.00000	5.63151	.67782	3.79547	-.02246
1.050	20.139	.13020	-999.00000	.00013	-999.00000	5.62761	.67942	3.77491	-.03025
	GRADIENT	.00107	.00001	.00000	.00001	.00044	-1.90789	.00297	-.00244

RUN NO. 38/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.100	.126	.14597	-999.00000	.00000	-999.00000	5.81121	1.21226	3.82282	.00665
1.101	.622	.14647	-999.00000	.00001	-999.00000	5.81305	-6.56222	3.81366	.00640
1.100	1.123	.14676	-999.00000	.00001	-999.00000	5.80994	.30208	3.80977	.00486
1.100	1.633	.14715	-999.00000	.00002	-999.00000	5.81159	.51030	3.80781	.00322
1.100	2.127	.14736	-999.00000	.00002	-999.00000	5.81246	.57598	3.80527	.00200
1.099	4.132	.14659	-999.00000	.00001	-999.00000	5.80784	.65703	3.80719	-.00275
1.098	5.132	.14503	-999.00000	-.00001	-999.00000	5.80459	.66714	3.80888	-.00414
1.101	6.113	.14300	-999.00000	-.00001	-999.00000	5.81345	.67265	3.80773	-.00675
1.100	7.115	.14064	-999.00000	-.00002	-999.00000	5.81030	.67651	3.80338	-.00877
1.099	8.094	.13839	-999.00000	-.00002	-999.00000	5.80773	.67958	3.80109	-.01106
1.099	9.112	.13552	-999.00000	-.00002	-999.00000	5.80642	.68008	3.79252	-.01541
1.099	10.122	.13328	-999.00000	-.00002	-999.00000	5.80759	.68034	3.78963	-.01500
1.100	11.117	.13119	-999.00000	-.00004	-999.00000	5.81184	.68025	3.78185	-.01633
1.100	12.115	.12966	-999.00000	-.00007	-999.00000	5.81073	.68025	3.77444	-.02163
1.100	13.122	.12854	-999.00000	-.00010	-999.00000	5.81323	.68014	3.76345	-.02134
1.101	15.124	.12778	-999.00000	-.00015	-999.00000	5.81336	.67769	3.74821	-.02187
1.099	20.096	.12786	-999.00000	-.00003	-999.00000	5.80805	.67647	3.72033	-.03213
	GRADIENT	.00013	.00002	.00000	.00002	-.00090	.65331	-.00321	-.00246

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 34/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.201	.129	.13115	-999.00000	-.00003	-999.00000	6.09039	1.33039	3.83739	.00318
1.200	.611	.13098	-999.00000	-.00003	-999.00000	6.08724	-.51843	3.84117	.00264
1.200	1.121	.13087	-999.00000	-.00002	-999.00000	6.08568	.42148	3.84655	.00116
1.200	1.604	.13084	-999.00000	-.00001	-999.00000	6.08709	.55243	3.84515	.00079
1.201	2.102	.13090	-999.00000	.00000	-999.00000	6.08884	.60643	3.84583	-.00090
1.198	4.098	.13076	-999.00000	.00000	-999.00000	6.08266	.66827	3.85249	-.00524
1.200	5.109	.13016	-999.00000	.00001	-999.00000	6.08647	.67837	3.85615	-.00691
1.198	6.115	.12872	-999.00000	.00000	-999.00000	6.08171	.68371	3.85453	-.00864
1.198	7.120	.12758	-999.00000	.00000	-999.00000	6.08257	.68672	3.85418	-.01131
1.200	8.118	.12636	-999.00000	-.00001	-999.00000	6.08593	.68701	3.84776	-.01332
1.199	9.108	.12469	-999.00000	-.00001	-999.00000	6.08595	.68683	3.84175	-.01467
1.198	10.097	.12315	-999.00000	-.00003	-999.00000	6.08351	.68629	3.83264	-.01529
1.200	11.101	.12173	-999.00000	-.00004	-999.00000	6.08674	.68528	3.82584	-.01941
1.201	12.112	.12145	-999.00000	-.00006	-999.00000	6.09065	.68527	3.81492	-.02155
1.200	13.121	.12057	-999.00000	-.00009	-999.00000	6.08672	.68476	3.80674	-.02346
1.198	15.128	.11689	-999.00000	-.00008	-999.00000	6.08288	.68203	3.79986	-.02948
1.203	20.108	.11274	-999.00000	-.00013	-999.00000	6.09389	.68165	3.76664	-.03530
	GRADIENT	-.00008	.00002	.00001	.00002	-.00147	.03008	.00338	-.00217

RUN NO. 33/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.290	.136	.14810	-999.00000	.00004	-999.00000	6.24097	1.54518	3.77844	.00246
1.290	.634	.14814	-999.00000	.00004	-999.00000	6.24097	.22427	3.75755	.00050
1.291	1.125	.14777	-999.00000	.00004	-999.00000	6.24241	.53234	3.74241	.00078
1.291	1.612	.14733	-999.00000	.00003	-999.00000	6.24254	.60351	3.73316	-.00072
	GRADIENT	-.00054	.00000	-.00001	.00000	.00125	-.51506	-.03072	-.00188

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN018) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 95/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.980	.162	.11552	.05145	-.00023	.06406	5.35311	1.09510	3.73070	.00556
.980	2.680	.11345	.05039	-.00016	.06306	5.35227	.57843	3.72817	.00023
.980	5.178	.10978	.04913	-.00013	.06065	5.35244	.64957	3.72802	-.00535
.980	8.149	.10494	.04977	-.00014	.05518	5.35236	.66727	3.71990	-.01503
.980	10.159	.10376	.05275	-.00015	.05101	5.35517	.67291	3.71391	-.01864
.980	12.156	.10348	.05624	-.00016	.04724	5.35614	.67471	3.70961	-.02329
.979	15.173	.10644	.06207	-.00018	.04436	5.35192	.67234	3.69577	-.02288
	GRADIENT	-.00082	-.00042	.00003	-.00040	-.00033	-.20519	-.00100	-.00212

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN019) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 113/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.980	.083	.11649	.05194	-.00022	.06454	5.35184	1.02479	3.75078	.00635
.981	2.586	.11417	.05098	-.00016	.06319	5.35478	.56104	3.76171	.00129
.978	5.058	.10920	.04928	-.00016	.05992	5.34030	.64794	3.75733	-.00459
.979	8.075	.10511	.05005	-.00013	.05506	5.34752	.66750	3.75780	-.01162
.984	10.066	.10701	.05425	-.00013	.05276	5.37097	.67199	3.76168	-.01844
.980	12.072	.10315	.05581	-.00017	.04734	5.35149	.67425	3.74908	-.02135
.978	15.095	.10616	.06150	-.00018	.04466	5.34593	.67271	3.73770	-.02396
	GRADIENT	-.00093	-.00038	.00002	-.00054	.00117	-.18528	.00437	-.00202

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN021) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 57/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.604	.154	.06509	.03834	-.00047	.02675	2.91990	.76477	3.09383	.00256
.602	2.669	.06102	.03791	-.00039	.02312	2.90517	.68568	3.09490	-.00207
.601	5.170	.05141	.03727	-.00031	.01415	2.90155	.67432	3.10117	-.00761
.601	8.176	.03331	.03636	-.00023	-.00305	2.90323	.66881	3.11086	-.01368
.600	10.175	.01969	.03660	-.00024	-.01690	2.89155	.66556	3.12101	-.01831
.601	12.175	.00783	.03774	-.00027	-.02991	2.90214	.66413	3.12962	-.02090
.598	15.159	.01946	.04197	-.00028	-.02252	2.87864	.66359	3.12141	-.03050
	GRADIENT	-.00162	-.00017	.00003	-.00144	-.00586	-.03145	.00043	-.00184

RUN NO. 63/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.803	.111	.07083	.04030	-.00033	.03053	4.32421	.75917	3.51305	.00424
.802	2.583	.06746	.03962	-.00030	.02784	4.31849	.68806	3.50020	-.00048
.799	5.075	.05966	.03862	-.00025	.02104	4.29755	.67936	3.49677	-.00558
.798	8.109	.05308	.03863	-.00021	.01445	4.29213	.67277	3.49912	-.01243
.802	10.095	.05240	.03959	-.00020	.01282	4.31697	.66868	3.50719	-.02084
.802	12.104	.05418	.04187	-.00023	.01231	4.31640	.66699	3.50770	-.02680
.798	15.090	.06461	.04751	-.00022	.01710	4.29499	.67218	3.49724	-.02418
	GRADIENT	-.00136	-.00028	.00001	-.00109	-.00231	-.02877	-.00520	-.00191

RUN NO. 62/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	.101	.08256	.04026	-.00025	.04230	4.91944	.61407	3.62924	.00398
.903	2.620	.08067	.03836	-.00017	.04232	4.92851	.67811	3.64095	.00001
.899	5.117	.07871	.03805	-.00016	.04066	4.90763	.67598	3.63718	-.00405
.900	8.111	.07864	.03950	-.00016	.03914	4.91369	.67438	3.63819	-.01261
.901	10.121	.07895	.04166	-.00018	.03729	4.91487	.67520	3.63579	-.01698
.899	12.170	.08053	.04519	-.00022	.03534	4.90799	.67681	3.62873	-.02665
.901	15.106	.08842	.05231	-.00029	.03610	4.91707	.67979	3.62019	-.02279
	GRADIENT	-.00075	-.00075	.00003	.00001	.00360	.02542	.00465	-.00158

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN021) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 115/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.949	.055	.10735	.04926	-.00020	.05808	5.19868	.68549	3.72711	.00567
.950	2.582	.10604	.04839	-.00015	.05765	5.20512	.70080	3.73467	.00092
.948	5.069	.10130	.04707	-.00016	.05423	5.19207	.70188	3.73188	-.00482
.947	8.079	.09577	.04662	-.00015	.04915	5.19052	.69892	3.73269	-.01385
.951	10.059	.09605	.04920	-.00019	.04685	5.20973	.69792	3.73268	-.02058
.950	12.071	.09431	.05093	-.00015	.04337	5.20647	.69544	3.72786	-.01940
.950	15.076	.10124	.05845	-.00026	.04279	5.20582	.69045	3.71974	-.04653
	GRADIENT	-.00052	-.00034	.00002	-.00017	.00255	.00606	.00299	-.00188

RUN NO. 112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.272	.086	.14864	.05267	-.00008	.09597	6.24773	.70868	3.77436	.00527
1.272	2.560	.14932	.05345	-.00009	.09587	6.25081	.72091	3.77292	.00092
1.269	5.083	.14885	.05479	-.00009	.09406	6.24447	.71926	3.77088	-.00530
1.266	8.097	.14539	.05594	-.00007	.08944	6.24014	.71598	3.77302	-.01196
1.270	10.079	.14317	.05665	-.00004	.08651	6.24507	.71287	3.76374	-.01486
1.269	12.049	.14096	.05817	-.00019	.08280	6.24360	.70950	3.75468	-.01878
1.263	15.063	.13625	.05953	-.00017	.07672	6.23525	.70303	3.74658	-.02240
	GRADIENT	.00027	.00032	-.00000	-.00004	.00124	.00494	-.00058	-.00176

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN023) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 46/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.602	.177	.06360	-999.00000	-.00031	-999.00000	2.90675	.86239	3.13252	.00547
.600	2.685	.06013	-999.00000	-.00016	-999.00000	2.89379	2.17161	3.07443	.00637
.602	5.208	.05133	-999.00000	-.00011	-999.00000	2.90416	.38101	3.09017	.00756
.601	7.686	.03767	-999.00000	-.00008	-999.00000	2.90133	.53294	3.09799	.00957
.600	10.219	.02087	-999.00000	-.00008	-999.00000	2.89138	.57696	3.10005	.01130
	GRADIENT	-.00138	.00000	.00006	.00000	-.00517	.52202	-.02316	.00036

RUN NO. 118/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.799	.064	.07226	.03555	-.00028	.03670	4.32611	.87017	3.58425	.00748
.801	2.579	.06914	.03514	-.00022	.03401	4.33440	2.43843	3.58370	.01002
.802	5.084	.06049	.03443	-.00017	.02606	4.33876	.40833	3.58563	.01246
.798	8.077	.05111	.03418	-.00013	.01693	4.31721	.56297	3.58021	.01489
.798	10.087	.04980	.03519	-.00013	.01461	4.31659	.58494	3.57930	.01647
.804	12.098	.05288	.03674	-.00011	.01614	4.35385	.59829	3.59257	.00990
.799	15.074	.05767	.04202	-.00024	.01565	4.32063	.61888	3.57861	.00987
	GRADIENT	-.00124	-.00016	.00002	-.00107	.00330	.62356	-.00022	.00101

RUN NO. 44/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.271	.121	.15050	-999.00000	.00002	-999.00000	6.20792	1.09763	3.75043	.00509
1.273	2.618	.14849	-999.00000	.00004	-999.00000	6.20936	.54894	3.81212	.00627
1.271	5.132	.14498	-999.00000	.00005	-999.00000	6.20703	.64934	3.79966	.00527
1.270	7.615	.14029	-999.00000	.00008	-999.00000	6.20480	.66958	3.79652	.00553
1.269	10.126	.13556	-999.00000	.00007	-999.00000	6.20448	.67560	3.78371	.00597
1.272	12.632	.13307	-999.00000	.00000	-999.00000	6.20861	.67853	3.76168	.00674
1.268	15.121	.13066	-999.00000	.00002	-999.00000	6.20275	.67797	3.74779	.00372
	GRADIENT	-.00080	.00000	.00001	.00000	.00058	-.21974	.02471	.00047

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 47/ 0 RN/L = 3.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.598	.184	.06227	-999.00000	-.00037	-999.00000	2.87927	.93295	3.11548	.00751
.604	2.701	.05852	-999.00000	-.00022	-999.00000	2.92442	.50849	3.07011	.00918
.601	5.220	.04888	-999.00000	-.00015	-999.00000	2.90147	.59981	3.07354	.01029
.601	7.696	.03455	-999.00000	-.00011	-999.00000	2.89977	.62306	3.08241	.01227
.603	10.196	.01746	-999.00000	-.00010	-999.00000	2.91453	.63136	3.10216	.01286
.602	12.716	.00710	-999.00000	-.00014	-999.00000	2.90993	.63757	3.10744	.01190
.600	15.216	.01374	-999.00000	-.00017	-999.00000	2.89451	.64255	3.10487	.00595
	GRADIENT	-.00149	.00001	.00006	.00001	.01794	-.16864	-.01803	.00066

RUN NO. 119/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.800	.074	.06827	.03712	-.00030	.03115	4.32624	.90699	3.58874	.01273
.800	2.591	.06504	.03642	-.00026	.02862	4.32909	.47639	3.58900	.01657
.801	5.083	.05723	.03557	-.00019	.02166	4.33734	.60243	3.59268	.02241
.800	8.082	.04921	.03584	-.00015	.01337	4.32673	.63083	3.58995	.01992
.800	10.088	.04765	.03686	-.00016	.01079	4.33075	.63476	3.59031	.01988
.799	12.083	.04817	.03932	-.00020	.00885	4.32265	.63721	3.58640	.01732
.799	15.100	.05701	.04530	-.00028	.01170	4.32216	.64843	3.58254	.02196
	GRADIENT	-.00128	-.00028	.00002	-.00101	.00113	-.17108	.00010	.00153

RUN NO. 45/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.270	.100	.14830	-999.00000	.00001	-999.00000	6.20582	2.02844	3.74318	.00440
1.271	2.652	.14730	-999.00000	.00009	-999.00000	6.20684	.66022	3.74067	.00646
1.270	5.139	.14529	-999.00000	.00011	-999.00000	6.20527	.68766	3.73931	.00807
1.268	7.625	.14143	-999.00000	.00013	-999.00000	6.20303	.69374	3.73908	.00912
1.274	10.139	.13774	-999.00000	-.00002	-999.00000	6.21029	.69463	3.73044	.01045
1.269	12.662	.13494	-999.00000	-.00016	-999.00000	6.20567	.69245	3.73595	.01272
1.268	15.130	.13253	-999.00000	-.00002	-999.00000	6.20398	.68997	3.72613	.01008
	GRADIENT	-.00039	.00000	.00003	.00000	.00040	-.53614	-.00098	.00081

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN027) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 49/ 0 RN/L = 3.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.603	.168	.06607	-999.00000	-.00040	-999.00000	2.91942	.75624	3.03332	.00899
.600	2.689	.06174	-999.00000	-.00027	-999.00000	2.89627	.68763	3.04390	.00936
.600	5.205	.05173	-999.00000	-.00021	-999.00000	2.89722	.67607	3.05898	.01135
.601	7.722	.03685	-999.00000	-.00016	-999.00000	2.89803	.67171	3.06973	.01270
.601	10.182	.02017	-999.00000	-.00016	-999.00000	2.89782	.66726	3.07757	.01581
.599	12.685	.01079	-999.00000	-.00020	-999.00000	2.88960	.66575	3.08010	.01497
.601	15.191	.02096	-999.00000	-.00032	-999.00000	2.90369	.66383	3.09116	.00715
	GRADIENT	-.00172	.00000	.00005	.00000	-.00918	-.02722	.00420	.00015

RUN NO. 120/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.798	.077	.07174	.03967	-.00035	.03207	4.31692	.77520	3.58674	.01422
.800	2.601	.06861	.03908	-.00028	.02953	4.32881	.69124	3.59372	.01795
.798	5.087	.06103	.03816	-.00022	.02288	4.31581	.68213	3.59138	.02227
.801	8.067	.05470	.03844	-.00019	.01626	4.33745	.67638	3.59841	.02294
.799	10.054	.05241	.03919	-.00019	.01322	4.32464	.67057	3.59293	.02267
.799	12.085	.05456	.04095	-.00021	.01361	4.32346	.66788	3.59049	.02216
.800	15.085	.06307	.04618	-.00034	.01689	4.33136	.67179	3.58779	.02559
	GRADIENT	-.00124	-.00023	.00003	-.00101	.00471	-.03326	.00277	.00148

RUN NO. 48/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.269	.119	.15054	-999.00000	-.00003	-999.00000	6.20696	.70793	3.76120	.00653
1.273	2.636	.15121	-999.00000	.00001	-999.00000	6.21121	.72116	3.77437	.00782
1.271	5.113	.14986	-999.00000	.00006	-999.00000	6.21010	.72009	3.76820	.01040
1.269	7.618	.14729	-999.00000	.00010	-999.00000	6.20660	.71669	3.76131	.01335
1.270	10.130	.14371	-999.00000	.00004	-999.00000	6.20771	.71214	3.74982	.01675
1.272	12.666	.14089	-999.00000	-.00006	-999.00000	6.21216	.70777	3.73366	.01865
1.267	15.131	.13767	-999.00000	-.00020	-999.00000	6.20328	.70319	3.71933	.01873
	GRADIENT	.00027	.00001	.00002	.00001	.00169	.00526	.00523	.00051

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN029) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 53/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.600	.183	.06333	.03705	-.00044	.02628	2.89355	.94261	3.15331	-.00086
.600	2.682	.05839	.03610	-.00034	.02230	2.89194	.50893	3.12814	-.00276
.602	5.203	.04919	.03576	-.00029	.01343	2.90214	.60047	3.13701	-.00634
.601	8.201	.03189	.03524	-.00024	-.00335	2.89716	.62656	3.13775	-.01092
.601	10.205	.01788	.03560	-.00024	-.01772	2.90066	.63135	3.14216	-.01333
.600	12.207	.00536	.03667	-.00025	-.03131	2.88876	.63498	3.13922	-.01535
.599	15.208	.00975	.04047	-.00030	-.03072	2.88702	.64164	3.14012	-.02501
	GRADIENT	-.00198	-.00038	.00004	-.00159	-.00064	-.17354	-.01007	-.00076

RUN NO. 117/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.802	.081	.06836	.03901	-.00034	.02935	4.34390	.90534	3.55782	-.00123
.805	2.581	.06506	.03831	-.00030	.02674	4.35826	.45770	3.56747	-.00210
.799	5.077	.05699	.03742	-.00026	.01958	4.32531	.59970	3.56071	-.00297
.798	8.072	.04909	.03713	-.00018	.01196	4.31177	.63120	3.55811	-.00719
.799	10.109	.04786	.03799	-.00019	.00987	4.32114	.63518	3.56239	-.00914
.799	12.074	.04874	.03982	-.00019	.00892	4.32194	.63674	3.56366	-.01452
.799	15.092	.05563	.04518	-.00030	.01046	4.32018	.64738	3.56025	-.01448
	GRADIENT	-.00132	-.00028	.00002	-.00104	.00574	-.17906	.00386	-.00035

RUN NO. 116/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.899	2.571	.07994	.03817	-.00024	.04177	4.93234	.54870	3.68986	.00118
.902	5.082	.08025	.03744	-.00018	.04282	4.94628	.60342	3.69295	.00092
.898	8.051	.07604	.03769	-.00017	.03835	4.92830	.63086	3.69000	-.00875
.899	10.061	.07554	.03915	-.00016	.03639	4.92912	.63957	3.68879	-.00622
.901	12.067	.07681	.04241	-.00020	.03440	4.94224	.64854	3.69064	-.01014
.901	15.097	.08037	.04864	-.00027	.03172	4.93949	.65396	3.68302	-.01013
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN029) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 58/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.249	.091	.14622	.05093	-.00009	.09529	6.17815	1.58583	3.75065	.00127
1.252	2.596	.14452	.04947	-.00008	.09506	6.18227	.64348	3.82167	-.00081
1.252	5.143	.14280	.05040	-.00006	.09240	6.18225	.68289	3.80870	-.00274
1.251	8.103	.13928	.05218	-.00007	.08711	6.18136	.69138	3.80222	-.00514
1.249	10.094	.13627	.05396	-.00016	.08231	6.17919	.69114	3.79184	-.00854
1.249	12.089	.13451	.05641	-.00022	.07810	6.17883	.68987	3.77757	-.00984
1.250	15.130	.13186	.05952	-.00016	.07234	6.17930	.68711	3.75061	-.01260
	GRADIENT	-.00068	-.00058	.00000	-.00009	.00164	-.37619	.02835	-.00083

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN031) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 129/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	.134	.10317	.04653	-.00025	.05664	4.91322	1.05079	3.66444	.00357
.900	2.647	.10083	.04442	-.00031	.05641	4.91243	.43122	3.66366	.00113
.900	5.156	.10064	.04314	-.00029	.05751	4.91286	.55909	3.66351	-.00435
.900	8.148	.09717	.04244	-.00024	.05474	4.91358	.60770	3.66659	-.01398
.900	10.146	.09490	.04350	-.00024	.05140	4.91658	.62156	3.66607	-.01588
.900	12.137	.09488	.04592	-.00024	.04896	4.91431	.63450	3.66109	-.02280
.899	15.133	.09725	.05153	-.00033	.04572	4.90795	.64375	3.65462	-.02311
	GRADIENT	-.00093	-.00084	-.00002	-.00009	-.00031	-.24655	-.00031	-.00097

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN031) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 125/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.951	.123	.12248	.05143	-.00038	.07105	5.18181	1.08228	3.69644	.00516
.954	2.647	.12196	.05098	-.00035	.07098	5.19887	.51369	3.70307	-.00031
.953	5.138	.11716	.04928	-.00030	.06788	5.19659	.62635	3.70555	-.00487
.948	8.138	.10906	.04718	-.00028	.06188	5.17145	.64874	3.69884	-.01472
.950	10.169	.10693	.04873	-.00024	.05820	5.17847	.65646	3.70222	-.01997
.948	12.149	.10549	.05133	-.00023	.05416	5.16668	.65940	3.69532	-.02146
.950	15.129	.11080	.05870	-.00026	.05211	5.18284	.66026	3.68490	-.04741
	GRADIENT	-.00021	-.00018	.00001	-.00003	.00676	-.22527	.00263	-.00217

RUN NO. 124/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.979	.124	.13518	.05673	-.00035	.07845	5.32131	1.10650	3.72094	.00488
.983	2.647	.13426	.05693	-.00029	.07733	5.34126	.49437	3.72594	-.00079
.980	5.151	.13100	.05639	-.00025	.07461	5.32639	.62354	3.72237	-.00559
.978	8.148	.12446	.05600	-.00022	.06845	5.31678	.65360	3.72213	-.01164
.980	10.150	.12341	.05859	-.00019	.06482	5.32605	.66114	3.72264	-.01841
.980	12.134	.12165	.06090	-.00017	.06075	5.32938	.66426	3.71842	-.02128
.980	15.143	.12468	.06647	-.00022	.05821	5.32550	.66471	3.70772	-.02382
	GRADIENT	-.00036	.00008	.00002	-.00044	.00791	-.24262	.00198	-.00225

RUN NO. 121/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.251	.124	.16850	.05109	-.00008	.11741	6.19123	1.37193	3.75990	.00356
1.253	2.632	.16601	.05026	-.00010	.11576	6.19247	.54601	3.82193	-.00290
1.252	5.149	.16271	.05071	-.00013	.11200	6.19219	.64568	3.80707	-.00693
1.248	8.142	.15748	.05248	-.00012	.10500	6.18452	.67067	3.80227	-.01191
1.249	10.157	.15352	.05402	-.00018	.09950	6.18534	.67541	3.79314	-.01667
1.246	12.142	.15072	.05648	-.00025	.09424	6.18063	.67753	3.77647	-.02039
1.237	15.126	.14551	.05898	-.00018	.08653	6.16421	.67637	3.77076	-.02336
	GRADIENT	-.00099	-.00033	-.00001	-.00066	.00049	-.32931	.02473	-.00258

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN032) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 128/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.903	.143	.10586	.04731	-.00026	.05855	4.92811	1.07407	3.66320	-.00138
.903	2.653	.10285	.04539	-.00030	.05746	4.92668	.43806	3.66271	-.00185
.901	5.133	.10136	.04335	-.00030	.05801	4.91693	.56237	3.66279	-.00673
.900	8.140	.09759	.04282	-.00026	.05477	4.91280	.60637	3.66476	-.01187
.900	10.135	.09566	.04399	-.00025	.05167	4.90962	.62104	3.66154	-.01191
.900	12.109	.09556	.04605	-.00025	.04951	4.90776	.63400	3.65906	-.01527
.899	15.134	.09835	.05178	-.00033	.04657	4.90901	.64390	3.65317	-.01497
	GRADIENT	-.00120	-.00076	-.00002	-.00043	-.00057	-.25339	-.00020	-.00019

RUN NO. 126/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.951	.136	.12390	.05279	-.00046	.07111	5.18282	1.09659	3.69933	.00158
.951	2.640	.12139	.05143	-.00048	.06996	5.18378	.50910	3.70069	.00041
.950	5.139	.11696	.04992	-.00045	.06703	5.17805	.62480	3.69922	-.00122
.951	8.149	.11068	.04826	-.00028	.06242	5.18264	.64937	3.70412	-.00937
.952	10.151	.10932	.04991	-.00026	.05941	5.18625	.65785	3.69974	-.01287
.947	12.155	.10620	.05165	-.00025	.05455	5.16472	.65823	3.69285	-.01422
.951	15.151	.11148	.05927	-.00028	.05221	5.18365	.66056	3.69461	-.03729
	GRADIENT	-.00100	-.00054	-.00001	-.00046	.00038	-.23462	.00054	-.00047

RUN NO. 123/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.979	.134	.13670	.05769	-.00044	.07900	5.32219	1.12368	3.71847	.00176
.981	2.654	.13606	.05805	-.00042	.07802	5.33135	.49044	3.71889	.00030
.980	5.132	.13228	.05745	-.00035	.07483	5.32406	.62091	3.72013	-.00195
.980	8.118	.12746	.05761	-.00026	.06985	5.32717	.65252	3.72500	-.00462
.982	10.159	.12602	.05984	-.00021	.06619	5.33666	.65987	3.72616	-.00801
.981	12.142	.12383	.06161	-.00018	.06222	5.33059	.66406	3.72361	-.00927
.982	15.124	.12641	.06845	-.00024	.05796	5.33735	.66450	3.71788	-.01040
	GRADIENT	-.00025	.00014	.00001	-.00039	.00363	-.25129	.00017	-.00058

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN032) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = 5.000
PHI = .000

RUN NO. 122/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.251	.131	.16883	.05227	-.00022	.11655	6.18861	1.40936	3.75642	.00088
1.251	2.629	.16736	.05259	-.00019	.11478	6.18917	.55824	3.75286	-.00157
1.251	5.140	.16395	.05293	-.00019	.11102	6.18951	.64784	3.74941	-.00306
1.249	8.136	.15892	.05461	-.00021	.10431	6.18518	.67184	3.74809	-.00502
1.248	10.147	.15476	.05580	-.00025	.09896	6.18254	.67620	3.74536	-.00766
1.246	12.132	.15180	.05771	-.00027	.09409	6.17988	.67820	3.73893	-.00875
1.236	15.148	.14627	.05985	-.00020	.08642	6.16437	.67667	3.73328	-.00874
	GRADIENT	-.00059	.00013	.00001	-.00071	.00022	-.34072	-.00143	-.00098

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN033) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 51/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.599	-20.015	.08764	.03222	-.00017	.05542	2.88714	1.33154	3.12795	-.00918
.600	-15.008	.07052	.03079	-.00016	.03972	2.88726	1.57190	3.15297	-.00911
.600	-12.521	.06336	.03068	-.00017	.03268	2.88792	2.32268	3.16477	-.00908
.600	-9.996	.05803	.03119	-.00018	.02684	2.88878	-3.20747	3.16986	-.00911
.601	-5.027	.05109	.03275	-.00020	.01834	2.89770	.37736	3.18310	-.00880
.602	-4.010	.05036	.03317	-.00022	.01719	2.90306	.44459	3.18757	-.00808
.601	-2.013	.04894	.03396	-.00023	.01499	2.89563	.54184	3.18628	-.00791
.601	-.999	.04868	.03437	-.00025	.01431	2.89898	.57467	3.19355	-.00765
.601	-.002	.04862	.03478	-.00025	.01384	2.89676	.60055	3.19546	-.00769
.600	1.964	.04903	.03578	-.00028	.01325	2.89389	.63954	3.19581	-.00827
.601	4.000	.05011	.03660	-.00029	.01351	2.89567	.66454	3.19746	-.00719
.600	5.002	.05108	.03710	-.00031	.01398	2.89442	.67493	3.19846	-.00722
.601	9.994	.05931	.03918	-.00031	.02013	2.89917	.71438	3.20221	-.00665
.601	12.514	.06547	.04013	-.00033	.02534	2.89929	.72758	3.20260	-.00633
.599	15.001	.07305	.04128	-.00035	.03178	2.88353	.73821	3.19391	-.00613
	GRADIENT	-.00001	.00044	-.00001	-.00044	-.00085	.02641	.00142	.00007

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 110/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.799	-20.035	.09319	.03444	-.00013	.05875	4.32017	2.18955	3.56052	-.00936
.801	-15.023	.08242	.03420	-.00014	.04822	4.33108	-31.61026	3.56874	-.00868
.802	-12.521	.07554	.03392	-.00015	.04162	4.34033	-.83447	3.57557	-.00837
.802	-10.025	.06943	.03399	-.00017	.03544	4.33770	-.09900	3.57719	-.00882
.801	-5.252	.05969	.03450	-.00018	.02519	4.33121	.37376	3.58004	-.00868
.801	-4.027	.05802	.03483	-.00018	.02319	4.33697	.44276	3.58449	-.00781
.802	-2.007	.05641	.03557	-.00019	.02084	4.34083	.54016	3.58778	-.00693
.801	-1.022	.05567	.03602	-.00020	.01965	4.33430	.57424	3.58833	-.00614
.800	-.015	.05569	.03642	-.00020	.01928	4.32699	.60297	3.58716	-.00581
.800	1.992	.05646	.03729	-.00022	.01917	4.32698	.64396	3.58965	-.00626
.799	4.014	.05816	.03811	-.00023	.02005	4.31982	.67092	3.58629	-.00629
.801	5.009	.05971	.03853	-.00023	.02118	4.33592	.68137	3.59298	-.00544
.800	10.018	.07077	.04075	-.00023	.03002	4.33043	.72370	3.59304	-.00583
.800	12.526	.07874	.04176	-.00026	.03697	4.33140	.73809	3.59313	-.00585
.801	15.014	.08849	.04283	-.00026	.04566	4.33407	.74869	3.59378	-.00600
	GRADIENT	.00004	.00041	-.00001	-.00037	-.00243	.02743	.00024	.00017

RUN NO. 103/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	-20.040	.19122	.06786	-.00023	.12336	5.65337	-.06030	3.77268	-.00437
1.052	-15.025	.17541	.06642	-.00021	.10899	5.66247	.32998	3.77516	-.00441
1.050	-12.522	.16608	.06460	-.00023	.10148	5.65455	.42363	3.77323	-.00402
1.053	-10.009	.15965	.06492	-.00020	.09473	5.66664	.50909	3.77465	-.00509
1.051	-5.009	.15027	.06429	-.00009	.08598	5.66079	.61039	3.77408	-.00447
1.050	-4.015	.14873	.06414	-.00007	.08459	5.65809	.62329	3.77247	-.00643
1.051	-2.011	.14679	.06433	-.00011	.08247	5.65925	.64684	3.77157	-.00634
1.051	-1.002	.14689	.06508	-.00011	.08181	5.66038	.65721	3.76836	-.00541
1.051	.002	.14722	.06562	-.00011	.08160	5.66090	.66614	3.76831	-.00536
1.050	2.002	.14812	.06662	-.00011	.08149	5.65650	.68318	3.76874	-.00475
1.050	4.016	.15080	.06755	-.00008	.08325	5.65556	.69897	3.76786	-.00505
1.049	5.010	.15200	.06773	-.00008	.08427	5.65284	.70666	3.76503	-.00427
1.049	10.022	.16117	.06796	-.00013	.09330	5.65083	.74396	3.76528	-.00461
1.050	12.519	.16789	.06782	-.00012	.10007	5.65515	.75647	3.76397	-.00193
1.050	15.030	.17625	.06805	-.00013	.10820	5.66034	.76765	3.76403	-.00201
	GRADIENT	.00030	.00046	-.00000	-.00016	-.00043	.00929	-.00056	.00021

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 39/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.099	-20.046	.19189	-999.00000	-.00009	-999.00000	5.80820	-.11130	3.78161	-.00384
1.100	-15.009	.17294	-999.00000	.00000	-999.00000	5.80951	.32398	3.77943	-.00241
1.101	-12.509	.16523	-999.00000	-.00002	-999.00000	5.81458	.41889	3.77826	-.00389
1.101	-9.997	.15788	-999.00000	.00001	-999.00000	5.81244	.50215	3.78104	-.00357
1.102	-5.011	.14887	-999.00000	.00007	-999.00000	5.81687	.60945	3.78150	-.00444
1.102	-4.033	.14803	-999.00000	.00009	-999.00000	5.81739	.62099	3.78277	-.00532
1.100	-2.004	.14504	-999.00000	.00006	-999.00000	5.81099	.64765	3.78174	-.00447
1.100	-.999	.14466	-999.00000	.00005	-999.00000	5.80949	.65781	3.78232	-.00545
1.100	.001	.14508	-999.00000	.00004	-999.00000	5.80967	.66722	3.78025	-.00411
1.100	1.996	.14707	-999.00000	.00003	-999.00000	5.81013	.68492	3.78207	-.00468
1.100	4.004	.14965	-999.00000	.00005	-999.00000	5.81196	.70041	3.78172	-.00452
1.101	5.015	.15118	-999.00000	.00009	-999.00000	5.81330	.70799	3.78351	-.00358
1.100	9.997	.16149	-999.00000	.00004	-999.00000	5.81348	.74490	3.78130	-.00385
1.100	12.511	.16754	-999.00000	.00001	-999.00000	5.81187	.75747	3.77971	-.00217
1.099	15.013	.17570	-999.00000	.00002	-999.00000	5.80947	.76868	3.77910	-.00147
	GRADIENT	.00030	.00000	-.00001	.00000	-.00052	.00971	-.00010	.00008

RUN NO. 35/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.201	-20.023	.16532	-999.00000	-.00019	-999.00000	6.08827	.35188	3.82109	-.00619
1.202	-15.016	.14918	-999.00000	-.00006	-999.00000	6.09008	.49719	3.82848	-.00586
1.201	-12.519	.14306	-999.00000	-.00001	-999.00000	6.08997	.54266	3.83235	-.00608
1.202	-10.000	.13886	-999.00000	.00001	-999.00000	6.09159	.58295	3.83639	-.00636
1.200	-5.011	.13151	-999.00000	.00005	-999.00000	6.08736	.63752	3.83888	-.00701
1.200	-4.005	.13055	-999.00000	.00004	-999.00000	6.08569	.64559	3.83989	-.00657
1.199	-2.015	.12963	-999.00000	.00003	-999.00000	6.08385	.66242	3.84238	-.00710
1.201	-1.007	.12973	-999.00000	.00002	-999.00000	6.08929	.67121	3.84261	-.00747
1.200	.021	.13005	-999.00000	.00002	-999.00000	6.08852	.67961	3.84300	-.00747
1.201	2.018	.13157	-999.00000	.00003	-999.00000	6.09074	.69441	3.84332	-.00702
1.199	3.999	.13381	-999.00000	.00001	-999.00000	6.08463	.70782	3.84174	-.00699
1.200	5.031	.13555	-999.00000	.00001	-999.00000	6.08648	.71488	3.84067	-.00650
1.200	10.017	.14395	-999.00000	-.00002	-999.00000	6.08655	.74705	3.83859	-.00524
1.201	12.513	.15019	-999.00000	-.00003	-999.00000	6.08989	.75947	3.83775	-.00569
1.201	15.040	.15832	-999.00000	-.00004	-999.00000	6.08992	.77078	3.83511	-.00451
	GRADIENT	.00044	.00000	-.00000	.00000	.00018	.00778	.00022	-.00003

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 52/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.272	-20.044	.17697	.05879	-.00034	.11818	6.20569	.46128	3.81687	-.00746
1.269	-15.023	.16210	.05410	-.00027	.10800	6.20017	.54135	3.80627	-.00682
1.269	-12.495	.15705	.05349	-.00020	.10355	6.20055	.57698	3.79254	-.00715
1.270	-10.004	.15212	.05162	-.00013	.10050	6.20308	.60566	3.77635	-.00785
1.270	-5.003	.14538	.05076	-.00006	.09461	6.20226	.64994	3.76667	-.00726
1.270	-4.029	.14448	.05077	-.00005	.09371	6.20172	.65654	3.75586	-.00804
1.270	-2.012	.14329	.05085	-.00004	.09244	6.20147	.67174	3.74947	-.00763
1.270	-1.004	.14326	.05109	-.00003	.09217	6.20463	.67906	3.74310	-.00733
1.269	-.007	.14377	.05172	-.00006	.09204	6.20181	.68650	3.73990	-.00770
1.270	1.999	.14585	.05320	-.00007	.09264	6.20265	.69999	3.73807	-.00717
1.270	3.996	.14864	.05449	-.00010	.09415	6.20272	.71246	3.72997	-.00716
1.272	5.018	.14999	.05448	-.00012	.09551	6.20554	.71820	3.78821	-.00717
1.271	10.007	.15873	.05549	-.00018	.10324	6.20340	.74772	3.77196	-.00568
1.272	12.498	.16442	.05564	-.00025	.10877	6.20473	.75953	3.75791	-.00473
1.272	15.030	.17240	.05625	-.00020	.11615	6.20514	.77141	3.74806	-.00536
	GRADIENT	.00057	.00050	-.00001	.00007	.00010	.00697	-.00310	.00010

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN034) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.602	-20.030	.08697	-999.00000	-.00005	-999.00000	2.90494	1.33192	3.07155	-.00853
.601	-15.052	.07027	-999.00000	-.00007	-999.00000	2.89771	1.55579	3.09622	-.00864
.601	-12.498	.06321	-999.00000	-.00008	-999.00000	2.90116	2.27420	3.11705	-.00825
.599	-9.993	.05781	-999.00000	-.00010	-999.00000	2.88568	-3.90892	3.11844	-.00820
.600	-5.004	.05099	-999.00000	-.00010	-999.00000	2.89053	.36488	3.13277	-.00748
.601	-4.021	.05027	-999.00000	-.00011	-999.00000	2.89656	.43794	3.14179	-.00793
.601	-1.979	.04885	-999.00000	-.00013	-999.00000	2.90209	.54085	3.14998	-.00751
.601	-.999	.04860	-999.00000	-.00014	-999.00000	2.89723	.57280	3.15173	-.00695
.601	-.004	.04839	-999.00000	-.00016	-999.00000	2.90035	.60056	3.15693	-.00632
.601	1.996	.04913	-999.00000	-.00017	-999.00000	2.89818	.63945	3.16002	-.00640
.602	4.005	.05030	-999.00000	-.00018	-999.00000	2.90781	.66491	3.16846	-.00621
.600	5.019	.05118	-999.00000	-.00020	-999.00000	2.89072	.67537	3.16390	-.00648
.600	10.022	.05950	-999.00000	-.00020	-999.00000	2.88980	.71534	3.16515	-.00548
.600	12.503	.06528	-999.00000	-.00021	-999.00000	2.88906	.72810	3.16800	-.00454
.599	15.038	.07292	-999.00000	-.00022	-999.00000	2.88838	.73885	3.17106	-.00540
	GRADIENT	.00003	.00000	-.00001	.00000	.00099	.02713	.00318	.00022

RUN NO. 32/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.801	-19.979	.09428	-999.00000	-.00005	-999.00000	4.33985	1.85843	3.61976	-.00960
.801	-15.027	.08303	-999.00000	-.00005	-999.00000	4.34249	7.02316	3.61891	-.00828
.801	-12.511	.07574	-999.00000	-.00005	-999.00000	4.33880	-1.75360	3.61528	-.00788
.800	-10.014	.06953	-999.00000	-.00005	-999.00000	4.33362	-.27059	3.60531	-.00819
.801	-4.962	.05953	-999.00000	-.00005	-999.00000	4.34106	.35455	3.60970	-.00700
.803	-3.990	.05821	-999.00000	-.00006	-999.00000	4.35279	.42374	3.61300	-.00762
.801	-1.981	.05645	-999.00000	-.00005	-999.00000	4.33797	.52846	3.60465	-.00681
.802	-1.002	.05593	-999.00000	-.00006	-999.00000	4.34493	.56710	3.60740	-.00660
.802	-.022	.05605	-999.00000	-.00007	-999.00000	4.34768	.59705	3.61105	-.00559
.799	1.981	.05642	-999.00000	-.00008	-999.00000	4.32827	.64090	3.60392	-.00610
.800	3.982	.05835	-999.00000	-.00007	-999.00000	4.33311	.66921	3.60313	-.00603
.800	5.019	.05966	-999.00000	-.00008	-999.00000	4.33388	.68050	3.60197	-.00521
.801	10.003	.07096	-999.00000	-.00007	-999.00000	4.33834	.72430	3.60069	-.00522
.800	12.530	.07882	-999.00000	-.00009	-999.00000	4.33473	.73865	3.60012	-.00510
.800	15.024	.08877	-999.00000	-.00010	-999.00000	4.33068	.74926	3.59761	-.00666
	GRADIENT	-.00015	-.00000	-.00000	-.00000	-.00171	.03483	-.00085	.00017

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 37/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.052	-20.019	.18363	-999.00000	-.00013	-999.00000	5.63634	-.08677	3.80503	-.00508
1.050	-15.017	.16735	-999.00000	-.00005	-999.00000	5.62710	.32626	3.81074	-.00269
1.051	-12.524	.16023	-999.00000	-.00005	-999.00000	5.63029	.41890	3.81290	-.00382
1.051	-9.767	.15239	-999.00000	-.00004	-999.00000	5.63375	.50726	3.81682	-.00510
1.051	-5.002	.14402	-999.00000	.00003	-999.00000	5.63501	.60637	3.82029	-.00493
1.050	-4.041	.14217	-999.00000	.00005	-999.00000	5.62878	.61766	3.82187	-.00493
1.050	-1.988	.14058	-999.00000	.00002	-999.00000	5.63145	.64408	3.82217	-.00500
1.051	-1.008	.14079	-999.00000	.00001	-999.00000	5.63096	.65382	3.82176	-.00605
1.050	.003	.14098	-999.00000	-.00004	-999.00000	5.62920	.66432	3.82310	-.01538
1.050	4.009	.14483	-999.00000	.00001	-999.00000	5.62812	.69718	3.82414	-.00506
1.050	5.007	.14593	-999.00000	.00000	-999.00000	5.62769	.70495	3.82529	-.00413
1.050	10.015	.15541	-999.00000	-.00002	-999.00000	5.62746	.74267	3.82392	-.00332
1.050	12.499	.16157	-999.00000	-.00002	-999.00000	5.62878	.75538	3.82222	-.00186
1.051	15.020	.17120	-999.00000	-.00001	-999.00000	5.63146	.76734	3.82089	-.00156
	GRADIENT	.00040	.00000	-.00001	.00000	-.00021	.00968	.00031	-.00018

RUN NO. 41/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.270	-20.026	.17734	-999.00000	-.00016	-999.00000	6.20737	.45035	3.75900	-.00707
1.271	-15.021	.16249	-999.00000	-.00017	-999.00000	6.20664	.53367	3.75417	-.00537
1.272	-12.536	.15759	-999.00000	-.00006	-999.00000	6.20823	.57086	3.82967	-.00688
1.272	-9.991	.15250	-999.00000	.00001	-999.00000	6.20919	.60269	3.81145	-.00657
1.272	-5.023	.14557	-999.00000	.00009	-999.00000	6.20953	.64881	3.79675	-.00773
1.272	-4.028	.14468	-999.00000	.00010	-999.00000	6.20965	.65558	3.78826	-.00827
1.271	-2.009	.14330	-999.00000	.00011	-999.00000	6.20709	.67111	3.78446	-.00782
1.271	-1.015	.14337	-999.00000	.00011	-999.00000	6.20766	.67819	3.77505	-.00755
1.271	-.010	.14378	-999.00000	.00011	-999.00000	6.20805	.68603	3.76925	-.00776
1.272	1.991	.14580	-999.00000	.00009	-999.00000	6.20874	.70034	3.75915	-.00738
1.272	3.996	.14825	-999.00000	.00005	-999.00000	6.20823	.71285	3.75304	-.00693
1.271	5.005	.14983	-999.00000	.00005	-999.00000	6.20788	.71938	3.75099	-.00643
1.271	10.022	.15859	-999.00000	-.00003	-999.00000	6.20820	.74853	3.74478	-.00496
1.271	12.509	.16432	-999.00000	-.00010	-999.00000	6.20764	.76003	3.73996	-.00425
1.271	15.037	.17233	-999.00000	-.00006	-999.00000	6.20771	.77171	3.73357	-.00383
	GRADIENT	.00051	.00000	-.00001	.00000	-.00004	.00717	-.00476	.00015

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN035) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 98/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.802	-20.030	.09327	.03456	-.00014	.05871	4.34086	2.51181	3.53753	-.00878
.801	-15.023	.08216	.03412	-.00015	.04804	4.33436	-7.58274	3.54331	-.00829
.801	-12.528	.07537	.03387	-.00015	.04149	4.33947	-.75217	3.54871	-.00748
.799	-10.033	.06906	.03387	-.00017	.03519	4.32769	-.03775	3.54935	-.00754
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 88/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	-20.034	.18999	.06660	-.00022	.12340	5.64856	-.01715	3.81397	-.00524
1.050	-15.013	.17238	.06433	-.00021	.10805	5.65305	.34860	3.81478	-.00656
1.051	-12.525	.16509	.06390	-.00023	.10120	5.65580	.43599	3.81583	-.00557
1.052	-10.021	.15799	.06349	-.00019	.09450	5.66030	.51335	3.81727	-.00608
1.049	-5.016	.14771	.06259	-.00009	.08513	5.65059	.61116	3.81386	-.00628
1.050	-4.022	.14687	.06269	-.00007	.08418	5.65241	.62293	3.81499	-.00682
1.051	-2.005	.14588	.06346	-.00011	.08242	5.65691	.64707	3.81490	-.00627
1.051	-1.023	.14561	.06395	-.00011	.08167	5.65583	.65642	3.81450	-.00610
1.051	.001	.14613	.06465	-.00011	.08148	5.65727	.66617	3.81334	-.00702
1.051	2.000	.14768	.06584	-.00011	.08184	5.65567	.68283	3.81183	-.00568
1.051	4.031	.15005	.06677	-.00008	.08329	5.65555	.69861	3.81210	-.00597
1.051	5.020	.15180	.06714	-.00007	.08465	5.65778	.70628	3.81259	-.00712
1.050	10.024	.16048	.06704	-.00014	.09344	5.65240	.74354	3.80910	-.00340
1.051	12.522	.16654	.06696	-.00013	.09958	5.65644	.75590	3.80858	-.00355
1.050	15.018	.17457	.06684	-.00013	.10773	5.65235	.76747	3.80662	-.00182
	GRADIENT	.00043	.00053	-.00000	-.00009	.00024	.00925	-.00045	.00011

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN036) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = -.000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 76/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.802	-20.025	.09386	.03472	-.00015	.05914	4.32940	2.23130	3.57832	-.00912
.802	-15.019	.08274	.03434	-.00015	.04839	4.33400	-17.59139	3.58468	-.00785
.802	-12.509	.07576	.03404	-.00016	.04173	4.32937	-.93689	3.58729	-.00763
.801	-10.036	.06975	.03402	-.00017	.03574	4.32199	-.12461	3.58954	-.00661
.801	-5.012	.05971	.03458	-.00019	.02513	4.32196	.37867	3.59424	-.00635
.802	-3.995	.05832	.03493	-.00019	.02339	4.32888	.44139	3.59755	-.00619
.800	-2.005	.05644	.03567	-.00020	.02077	4.32073	.53818	3.59616	-.00611
.801	-1.017	.05609	.03609	-.00021	.02000	4.32523	.57203	3.59911	-.00534
.801	.001	.05600	.03649	-.00022	.01951	4.32286	.60120	3.59920	-.00552
.801	1.990	.05682	.03738	-.00022	.01944	4.32491	.64280	3.60261	-.00564
.800	3.762	.05826	.03819	-.00025	.02007	4.31764	.66719	3.59999	-.00785
.799	4.984	.05976	.03869	-.00024	.02107	4.31064	.68068	3.59777	-.00518
.802	10.015	.07112	.04092	-.00024	.03021	4.33416	.72315	3.60889	-.00457
.801	12.508	.07865	.04191	-.00027	.03674	4.32471	.73739	3.60372	-.00404
.800	15.014	.08872	.04315	-.00027	.04556	4.32187	.74822	3.60480	-.00584
	GRADIENT	.00022	.00043	-.00001	-.00021	-.00151	.02510	.00027	-.00003

RUN NO. 69/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.051	-20.026	.19177	.06788	-.00022	.12390	5.64385	-.02141	3.78313	-.00566
1.050	-15.021	.17381	.06494	-.00021	.10887	5.64215	.33188	3.78395	-.00392
1.051	-12.511	.16617	.06429	-.00024	.10188	5.64468	.42761	3.78497	-.00459
1.051	-10.007	.15775	.06356	-.00021	.09419	5.64453	.50615	3.78386	-.00589
1.049	-5.006	.14768	.06273	-.00010	.08495	5.63675	.60854	3.78093	-.00464
1.051	-4.026	.14806	.06346	-.00007	.08461	5.64434	.62120	3.78272	-.00558
1.051	-2.026	.14574	.06349	-.00011	.08224	5.64478	.64558	3.78128	-.00500
1.051	-1.022	.14569	.06410	-.00012	.08158	5.64325	.65509	3.78108	-.00555
1.050	.003	.14577	.06460	-.00012	.08118	5.64344	.66492	3.78073	-.00517
1.051	1.998	.14769	.06613	-.00012	.08157	5.64450	.68215	3.77974	-.00482
1.050	4.003	.14994	.06694	-.00010	.08300	5.64231	.69788	3.77868	-.00500
1.051	5.005	.15183	.06739	-.00009	.08444	5.64454	.70610	3.77710	-.00574
1.051	10.026	.16143	.06777	-.00014	.09371	5.64826	.74331	3.77487	-.00405
1.050	12.526	.16676	.06735	-.00014	.09941	5.64238	.75558	3.77198	-.00187
1.052	15.024	.17569	.06729	-.00013	.10840	5.64884	.76708	3.77282	-.00273
	GRADIENT	.00031	.00048	-.00000	-.00017	-.00020	.00941	-.00048	.00007

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN077) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 30/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.600	-20.006	.08541	-999.00000	-.00005	-999.00000	2.90832	1.34839	3.05706	-.00594
.598	-15.037	.06997	-999.00000	-.00003	-999.00000	2.89928	1.73491	3.07686	-.00299
.602	-12.002	.06202	-999.00000	-.00006	-999.00000	2.92841	3.89441	3.09735	.00211
.600	-10.030	.05783	-999.00000	-.00007	-999.00000	2.90926	-2.49709	3.09290	.00465
.600	-5.021	.05062	-999.00000	-.00007	-999.00000	2.91370	.37968	3.09916	.00712
.601	-4.007	.04991	-999.00000	-.00008	-999.00000	2.91697	.44880	3.10525	.00805
.601	-2.006	.04895	-999.00000	-.00009	-999.00000	2.91675	.54288	3.10663	.00918
.602	-1.000	.04863	-999.00000	-.00009	-999.00000	2.92768	.57410	3.11540	.00995
.602	-.022	.04860	-999.00000	-.00010	-999.00000	2.92455	.59993	3.11698	.00959
.600	2.009	.04832	-999.00000	-.00012	-999.00000	2.91414	.63832	3.11294	.01074
.601	3.997	.05051	-999.00000	-.00014	-999.00000	2.91866	.66540	3.11762	.01128
.601	4.986	.05170	-999.00000	-.00014	-999.00000	2.91747	.67706	3.11849	.01102
.599	9.963	.05945	-999.00000	-.00015	-999.00000	2.90449	.71451	3.11451	.01252
.598	12.005	.06436	-999.00000	-.00018	-999.00000	2.89955	.72589	3.11187	.01278
.601	14.974	.07282	-999.00000	-.00019	-999.00000	2.92020	.73800	3.12365	.01277
	GRADIENT	.00022	.00000	-.00001	.00000	-.00026	.02353	.00135	.00033

RUN NO. 28/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.799	-19.986	.09385	-999.00000	-.00036	-999.00000	4.31994	2.02283	3.53624	.00489
.801	-15.038	.08136	-999.00000	-.00014	-999.00000	4.32993	-6.17457	3.53910	.00544
.801	-12.003	.07431	-999.00000	-.00005	-999.00000	4.33200	-.75564	3.54156	.00551
.803	-10.017	.06983	-999.00000	-.00004	-999.00000	4.34765	-.10904	3.54985	.00677
.801	-5.023	.06007	-999.00000	-.00006	-999.00000	4.33168	.40989	3.54807	.01268
.802	-4.028	.05876	-999.00000	-.00006	-999.00000	4.34255	.46296	3.55449	.01486
.801	-1.966	.05690	-999.00000	-.00006	-999.00000	4.33205	.54591	3.54941	.02123
.800	-.993	.05610	-999.00000	-.00007	-999.00000	4.33136	.57701	3.55234	.02300
.799	-.020	.05612	-999.00000	-.00007	-999.00000	4.32462	.60121	3.55026	.02426
.800	2.016	.05701	-999.00000	-.00009	-999.00000	4.32853	.64087	3.55206	.02443
.800	3.986	.05883	-999.00000	-.00009	-999.00000	4.33033	.66935	3.55285	.02365
.800	4.978	.06031	-999.00000	-.00010	-999.00000	4.32969	.68133	3.55081	.02428
.800	9.994	.07141	-999.00000	-.00011	-999.00000	4.32385	.72260	3.54932	.02562
.799	11.994	.07753	-999.00000	-.00013	-999.00000	4.31866	.73435	3.54765	.02176
.799	14.962	.08756	-999.00000	-.00016	-999.00000	4.32225	.74589	3.54660	.01534
	GRADIENT	.00024	.00000	-.00000	.00000	-.00101	.02292	-.00010	.00080

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 26/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	-20.004	.11609	-999.00000	-.00024	-999.00000	4.93901	155.14874	3.66039	.01325
.901	-15.043	.10286	-999.00000	-.00015	-999.00000	4.93877	-.31611	3.65928	.01245
.902	-12.029	.09672	-999.00000	-.00009	-999.00000	4.94645	.15942	3.66007	.01360
.902	-10.021	.09197	-999.00000	-.00008	-999.00000	4.94121	.31668	3.65918	.01502
.904	-5.000	.08356	-999.00000	-.00007	-999.00000	4.95487	.51299	3.66395	.01478
.901	-4.026	.08162	-999.00000	-.00006	-999.00000	4.94078	.53693	3.66320	.01519
.899	-1.999	.07928	-999.00000	-.00007	-999.00000	4.92994	.57863	3.66118	.01703
.901	-.997	.07873	-999.00000	-.00007	-999.00000	4.93675	.59626	3.66295	.01783
.900	-.027	.07817	-999.00000	-.00007	-999.00000	4.93502	.61176	3.66193	.01896
.899	1.999	.07751	-999.00000	-.00006	-999.00000	4.92979	.63954	3.66272	.02298
.900	3.989	.07950	-999.00000	-.00004	-999.00000	4.93521	.66677	3.66273	.02588
.900	5.005	.08009	-999.00000	-.00003	-999.00000	4.93445	.67845	3.66102	.02678
.898	9.988	.08925	-999.00000	-.00010	-999.00000	4.92142	.72351	3.65619	.02676
.902	12.003	.09692	-999.00000	-.00017	-999.00000	4.94511	.73803	3.66203	.02508
.899	14.957	.10750	-999.00000	-.00018	-999.00000	4.92948	.75227	3.65475	.02318
	GRADIENT	-.00049	-.00000	.00000	-.00000	-.00179	.01694	-.00009	.00126

RUN NO. 24/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.950	-20.009	.13975	-999.00000	-.00002	-999.00000	5.19769	7.24536	3.69444	.01346
.952	-15.040	.12664	-999.00000	-.00001	-999.00000	5.20790	-.20814	3.69503	.01546
.952	-11.999	.11889	-999.00000	-.00016	-999.00000	5.21115	.22812	3.69582	.01832
.951	-10.018	.11357	-999.00000	-.00018	-999.00000	5.20543	.35994	3.69410	.01965
.950	-5.018	.10211	-999.00000	-.00016	-999.00000	5.19841	.54817	3.69623	.02423
.951	-4.012	.10119	-999.00000	-.00014	-999.00000	5.20280	.57200	3.69800	.02416
.951	-1.968	.09919	-999.00000	-.00011	-999.00000	5.20234	.61364	3.69828	.02019
.949	-1.004	.09757	-999.00000	-.00011	-999.00000	5.19619	.62858	3.69700	.01942
.950	-.052	.09824	-999.00000	-.00008	-999.00000	5.19910	.64341	3.69656	.01696
.951	2.003	.09926	-999.00000	-.00002	-999.00000	5.20487	.67087	3.69859	.01537
.949	3.994	.10094	-999.00000	-.00004	-999.00000	5.19329	.69368	3.69292	.01736
.949	4.986	.10210	-999.00000	-.00009	-999.00000	5.19649	.70339	3.69178	.01815
.949	9.983	.11428	-999.00000	-.00005	-999.00000	5.19564	.73961	3.68893	.02136
.949	11.996	.12065	-999.00000	-.00008	-999.00000	5.19624	.75020	3.68823	.02105
.950	14.967	.13243	-999.00000	-.00009	-999.00000	5.19728	.76213	3.68736	.01964
	GRADIENT	.00020	-.00000	.00001	-.00000	-.00069	.01420	-.00067	-.00064

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 22/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.977	-20.010	.15212	-999.00000	.00003	-999.00000	5.32950	19.95870	3.70412	.01347
.981	-15.038	.13984	-999.00000	.00003	-999.00000	5.34904	-.19325	3.70914	.01666
.982	-12.249	.13179	-999.00000	-.00007	-999.00000	5.35594	.19064	3.70991	.01566
.991	-10.007	.12464	-999.00000	-.00014	-999.00000	5.34814	.36580	3.70949	.02049
.982	-5.020	.11631	-999.00000	-.00010	-999.00000	5.35610	.55081	3.71150	.02342
.983	-4.026	.11521	-999.00000	-.00009	-999.00000	5.36171	.57388	3.71498	.02268
.982	-2.988	.11286	-999.00000	-.00007	-999.00000	5.35580	.59589	3.71270	.01345
.980	-2.019	.11094	-999.00000	-.00009	-999.00000	5.34320	.61220	3.70769	.01951
.980	-.993	.11137	-999.00000	-.00008	-999.00000	5.34796	.62886	3.71064	.01810
.980	-.031	.11014	-999.00000	-.00008	-999.00000	5.34377	.64297	3.70895	.01588
.978	2.015	.11217	-999.00000	-.00008	-999.00000	5.33837	.66912	3.70778	.01578
.977	3.985	.11402	-999.00000	-.00005	-999.00000	5.33123	.69239	3.70654	.01828
.979	4.981	.11712	-999.00000	-.00005	-999.00000	5.34428	.70174	3.70844	.01963
.980	9.975	.12945	-999.00000	-.00001	-999.00000	5.34725	.73742	3.70708	.02340
.977	12.002	.13420	-999.00000	-.00003	-999.00000	5.33433	.74929	3.70107	.02170
.980	14.967	.14614	-999.00000	-.00004	-999.00000	5.34740	.76050	3.70048	.02168
	GRADIENT	.00027	.00000	.00000	.00000	-.00229	.01390	-.00067	-.00005

RUN NO. 20/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	-20.018	.18893	-999.00000	-.00005	-999.00000	5.64653	-.05379	3.74204	.01469
1.051	-15.030	.17409	-999.00000	-.00004	-999.00000	5.65162	.32771	3.74153	.01664
1.052	-12.002	.16318	-999.00000	-.00008	-999.00000	5.65545	.44641	3.74420	.01793
1.051	-10.010	.15899	-999.00000	-.00010	-999.00000	5.65154	.50799	3.74108	.02154
1.051	-5.012	.14913	-999.00000	-.00004	-999.00000	5.65447	.60633	3.74191	.02084
1.052	-4.023	.14816	-999.00000	-.00001	-999.00000	5.65481	.62165	3.74210	.01797
1.050	-1.993	.14648	-999.00000	.00001	-999.00000	5.64832	.64439	3.74064	.01491
1.050	-1.000	.14634	-999.00000	.00001	-999.00000	5.65050	.65564	3.73786	.01303
1.050	-.009	.14646	-999.00000	-.00001	-999.00000	5.64891	.66566	3.73761	.01337
1.050	2.006	.14811	-999.00000	.00004	-999.00000	5.64926	.68413	3.73680	.01401
1.049	3.994	.14965	-999.00000	.00003	-999.00000	5.64650	.70084	3.73727	.01649
1.051	4.993	.15245	-999.00000	.00001	-999.00000	5.65478	.70923	3.73817	.01813
1.050	9.974	.16066	-999.00000	.00002	-999.00000	5.64957	.74278	3.73323	.02299
1.051	12.001	.16657	-999.00000	.00002	-999.00000	5.65310	.75382	3.73412	.02306
1.051	14.956	.17500	-999.00000	-.00001	-999.00000	5.65435	.76589	3.73383	.02276
	GRADIENT	.00050	.00000	.00000	.00000	-.00015	.00959	-.00045	.00013

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 18/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.099	-20.009	.19326	-999.00000	.00008	-999.00000	5.82321	-.17099	3.79161	.01553
1.101	-15.027	.17525	-999.00000	-.00003	-999.00000	5.82851	.29209	3.78933	.01743
1.101	-12.000	.16508	-999.00000	-.00007	-999.00000	5.82744	.43275	3.78781	.01736
1.100	-10.006	.15965	-999.00000	-.00007	-999.00000	5.82780	.49389	3.78919	.01961
1.101	-5.007	.14941	-999.00000	-.00002	-999.00000	5.82808	.60361	3.78760	.02002
1.101	-4.025	.14805	-999.00000	-.00001	-999.00000	5.82838	.61794	3.78932	.01892
1.100	-2.000	.14690	-999.00000	-.00002	-999.00000	5.82775	.64323	3.78711	.01454
1.100	-.985	.14728	-999.00000	-.00003	-999.00000	5.82818	.65485	3.78661	.01357
1.102	-.019	.14792	-999.00000	-.00001	-999.00000	5.83331	.66550	3.78628	.01393
1.102	2.005	.14872	-999.00000	.00009	-999.00000	5.83276	.68450	3.78591	.01497
1.100	3.988	.15084	-999.00000	.00012	-999.00000	5.82818	.70200	3.78517	.01728
1.101	4.993	.15250	-999.00000	.00009	-999.00000	5.83004	.70989	3.78334	.01876
1.100	9.989	.16265	-999.00000	.00000	-999.00000	5.82579	.74431	3.78319	.02192
1.100	11.995	.16767	-999.00000	.00003	-999.00000	5.82813	.75546	3.78380	.02212
1.098	14.965	.17656	-999.00000	-.00004	-999.00000	5.82324	.76845	3.78229	.02326
	GRADIENT	.00054	.00000	.00002	.00000	.00019	.01005	-.00053	.00016

RUN NO. 16/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.200	-20.013	.16623	-999.00000	-.00007	-999.00000	6.10844	.34610	3.80576	.01266
1.201	-15.283	.15127	-999.00000	-.00009	-999.00000	6.11169	.49530	3.80715	.01524
1.201	-11.999	.14289	-999.00000	-.00008	-999.00000	6.10953	.55332	3.80245	.01865
1.200	-10.013	.13858	-999.00000	-.00005	-999.00000	6.10832	.57943	3.80112	.01726
1.201	-5.014	.13170	-999.00000	.00002	-999.00000	6.11113	.63800	3.80198	.00980
1.200	-4.039	.13065	-999.00000	.00003	-999.00000	6.10860	.64665	3.79623	.00964
1.202	-1.989	.13032	-999.00000	.00003	-999.00000	6.11462	.66525	3.79636	.00852
1.200	-1.001	.13065	-999.00000	.00003	-999.00000	6.11084	.67330	3.79427	.00937
1.199	-.024	.13153	-999.00000	.00003	-999.00000	6.10572	.68130	3.79228	.01024
1.200	1.995	.13327	-999.00000	.00003	-999.00000	6.10818	.69651	3.78823	.01164
1.200	3.990	.13507	-999.00000	.00002	-999.00000	6.10696	.71090	3.78719	.01333
1.200	5.012	.13603	-999.00000	.00002	-999.00000	6.10834	.71747	3.78634	.01401
1.199	9.987	.14480	-999.00000	-.00004	-999.00000	6.10700	.74768	3.78705	.01872
1.199	11.998	.15012	-999.00000	-.00003	-999.00000	6.10708	.75830	3.78453	.01924
1.199	14.962	.15830	-999.00000	-.00002	-999.00000	6.10640	.77058	3.77796	.01969
	GRADIENT	.00061	.00000	-.00000	.00000	-.00051	.00795	-.00132	.00054

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 14/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.281	-20.040	.17522	-999.00000	-.00007	-999.00000	6.24466	.44704	3.80076	.01157
1.282	-14.849	.16150	-999.00000	-.00003	-999.00000	6.24675	.54056	3.78816	.01642
1.282	-12.008	.15553	-999.00000	.00005	-999.00000	6.24607	.57615	3.77791	.01073
1.281	-9.993	.15117	-999.00000	.00003	-999.00000	6.24545	.60157	3.77424	.00912
1.281	-5.005	.14472	-999.00000	.00003	-999.00000	6.24565	.64826	3.76950	.00580
1.281	-4.026	.14416	-999.00000	.00006	-999.00000	6.24625	.65672	3.76236	.00577
1.280	-1.987	.14440	-999.00000	.00011	-999.00000	6.24340	.67273	3.75846	.00753
1.281	-.977	.14489	-999.00000	.00013	-999.00000	6.24598	.68028	3.75755	.00769
1.281	-.014	.14517	-999.00000	.00013	-999.00000	6.24981	.68723	3.75495	.00831
1.280	1.999	.14639	-999.00000	.00011	-999.00000	6.24400	.70047	3.75058	.00939
1.281	3.988	.14880	-999.00000	.00011	-999.00000	6.24441	.71348	3.74622	.01123
1.281	5.005	.14996	-999.00000	.00010	-999.00000	6.24570	.71990	3.74451	.01254
1.281	9.782	.15856	-999.00000	-.00015	-999.00000	6.24577	.74836	3.74412	.01818
	GRADIENT	.00057	-.00000	.00000	-.00000	-.00016	.00704	-.00203	.00064

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 29/ 0 RN/L = 3.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.606	-5.003	.05115	-999.00000	-.00023	-999.00000	2.94819	.59707	3.07554	-.03686
.603	-4.007	.05045	-999.00000	-.00021	-999.00000	2.92489	.59535	3.08980	-.03099
.600	-2.999	.04968	-999.00000	-.00018	-999.00000	2.90257	.59810	3.09267	-.02487
.600	-1.984	.04875	-999.00000	-.00015	-999.00000	2.90302	.59815	3.09912	-.01911
.600	-.992	.04843	-999.00000	-.00012	-999.00000	2.90572	.59751	3.10496	-.01387
.601	.011	.04835	-999.00000	-.00013	-999.00000	2.91225	.59875	3.11232	-.00661
.601	2.037	.04873	-999.00000	-.00013	-999.00000	2.91032	.59719	3.11684	.00449
.601	4.012	.04974	-999.00000	-.00009	-999.00000	2.91665	.59649	3.12230	.01664
.601	5.000	.05071	-999.00000	-.00007	-999.00000	2.91423	.59653	3.12522	.02229
	GRADIENT	.00005	.00000	.00001	.00000	.00037	-.00005	.00401	.00592

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 27/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.803	-5.003	.05911	-999.00000	-.00019	-999.00000	4.34345	.60300	3.51927	-.05074
.801	-4.014	.05792	-999.00000	-.00018	-999.00000	4.33219	.60050	3.52353	-.04354
.801	-3.012	.05678	-999.00000	-.00016	-999.00000	4.33335	.60236	3.52469	-.03413
.800	-1.986	.05606	-999.00000	-.00013	-999.00000	4.32839	.60105	3.52667	-.02456
.802	-1.008	.05567	-999.00000	-.00010	-999.00000	4.34088	.60155	3.53233	-.01657
.802	-.016	.05551	-999.00000	-.00010	-999.00000	4.33835	.60128	3.53345	-.00601
.803	1.984	.05594	-999.00000	-.00007	-999.00000	4.34598	.60291	3.53903	.01351
.801	4.018	.05751	-999.00000	-.00007	-999.00000	4.33573	.60079	3.53758	.03213
.803	5.005	.05901	-999.00000	-.00006	-999.00000	4.34560	.60330	3.54197	.04033
	GRADIENT	-.00004	-.00000	.00001	-.00000	.00112	.00005	.00206	.00947

RUN NO. 25/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.901	-5.014	.07984	-999.00000	-.00008	-999.00000	4.93563	.62166	3.64118	-.03849
.901	-4.026	.07899	-999.00000	-.00008	-999.00000	4.93675	.61627	3.64679	-.03101
.900	-3.002	.07811	-999.00000	-.00007	-999.00000	4.93142	.61288	3.64861	-.02351
.901	-1.989	.07784	-999.00000	-.00006	-999.00000	4.93844	.60937	3.65174	-.01736
.900	-.995	.07747	-999.00000	-.00006	-999.00000	4.93272	.60728	3.65031	-.00985
.900	.021	.07666	-999.00000	-.00005	-999.00000	4.93152	.60461	3.64991	-.00268
.900	1.068	.07629	-999.00000	-.00007	-999.00000	4.93431	.62976	3.65336	.00126
.902	2.008	.07806	-999.00000	-.00005	-999.00000	4.94414	.61029	3.65926	.01089
.901	4.024	.07919	-999.00000	-.00008	-999.00000	4.93873	.61562	3.65940	.02610
.902	4.997	.08056	-999.00000	-.00007	-999.00000	4.94204	.62040	3.66170	.03260
	GRADIENT	.00016	.00000	.00000	.00000	.00083	.00076	.00164	.00703

RUN NO. 23/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.951	-5.008	.10065	-999.00000	-.00013	-999.00000	5.20239	.64181	3.68467	-.04218
.951	-4.006	.09889	-999.00000	-.00011	-999.00000	5.20340	.64279	3.68634	-.03479
.951	-2.990	.09805	-999.00000	-.00007	-999.00000	5.20487	.64608	3.68751	-.02556
.951	-1.989	.09664	-999.00000	-.00009	-999.00000	5.20263	.64686	3.68732	-.01794
.951	-.990	.09663	-999.00000	-.00007	-999.00000	5.20466	.64734	3.68964	-.01156
.951	-.002	.09654	-999.00000	-.00007	-999.00000	5.20585	.64772	3.69126	-.00495
.951	2.012	.09732	-999.00000	-.00006	-999.00000	5.20417	.64674	3.69068	.00881
.949	3.984	.09866	-999.00000	-.00011	-999.00000	5.19253	.64196	3.69132	.02439
.951	4.943	.10162	-999.00000	-.00010	-999.00000	5.20395	.64343	3.69489	.03114
	GRADIENT	.00026	-.00000	-.00000	-.00000	-.00057	-.00023	.00079	.00722

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 21/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.980	-5.018	.11404	-999.00000	-.00006	-999.00000	5.34638	.64103	3.69686	-.04051
.983	-4.015	.11408	-999.00000	-.00003	-999.00000	5.36016	.64209	3.70245	-.03374
.981	-3.004	.11097	-999.00000	-.00006	-999.00000	5.35122	.64448	3.70122	-.02376
.981	-1.991	.11028	-999.00000	-.00004	-999.00000	5.34907	.64517	3.70141	-.01881
.983	-1.004	.11084	-999.00000	-.00001	-999.00000	5.35727	.64504	3.70378	-.01181
.980	.012	.11031	-999.00000	.00001	-999.00000	5.34288	.64523	3.70332	-.00498
.982	2.014	.11173	-999.00000	-.00005	-999.00000	5.35554	.64390	3.70848	.00928
.981	4.013	.11353	-999.00000	-.00007	-999.00000	5.35200	.64146	3.70880	.02434
.980	4.996	.11540	-999.00000	-.00009	-999.00000	5.34395	.64061	3.70455	.03258
	GRADIENT	.00029	-.00000	-.00001	-.00000	-.00083	-.00032	.00068	.00717

RUN NO. 19/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.049	-5.012	.14676	-999.00000	-.00011	-999.00000	5.64544	.66534	3.74623	-.03431
1.050	-4.011	.14622	-999.00000	-.00011	-999.00000	5.65006	.66484	3.74669	-.02870
1.050	-3.000	.14494	-999.00000	-.00009	-999.00000	5.64812	.66533	3.74496	-.02273
1.050	-1.985	.14530	-999.00000	-.00002	-999.00000	5.64912	.66510	3.74527	-.01544
1.050	-1.003	.14566	-999.00000	.00004	-999.00000	5.65007	.66568	3.74291	-.01087
1.050	.004	.14563	-999.00000	.00005	-999.00000	5.64856	.66575	3.74318	-.00515
1.050	2.009	.14567	-999.00000	.00002	-999.00000	5.64883	.66507	3.74350	.00621
1.050	4.010	.14747	-999.00000	.00003	-999.00000	5.65128	.66448	3.74359	.01958
1.051	5.001	.14941	-999.00000	.00003	-999.00000	5.65392	.66510	3.74406	.02649
	GRADIENT	.00018	.00000	.00002	.00000	-.00016	-.00005	-.00035	.00592

RUN NO. 17/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.100	-5.021	.14958	-999.00000	-.00014	-999.00000	5.82700	.66592	3.80357	-.03583
1.101	-4.003	.14797	-999.00000	-.00014	-999.00000	5.82896	.66427	3.80003	-.02899
1.101	-3.007	.14694	-999.00000	-.00011	-999.00000	5.82752	.66535	3.79699	-.02199
1.102	-1.995	.14627	-999.00000	.00000	-999.00000	5.83095	.66559	3.79755	-.01720
1.101	-1.007	.14593	-999.00000	.00008	-999.00000	5.82925	.66498	3.79470	-.01110
1.102	.003	.14581	-999.00000	.00012	-999.00000	5.83249	.66539	3.79539	-.00472
1.103	2.036	.14689	-999.00000	.00005	-999.00000	5.83631	.66408	3.79699	.00759
1.103	4.014	.14908	-999.00000	-.00004	-999.00000	5.83416	.66399	3.79418	.02065
1.102	4.983	.15069	-999.00000	-.00003	-999.00000	5.83315	.66557	3.79329	.02707
	GRADIENT	.00033	-.00000	.00001	-.00000	.00072	-.00003	-.00053	.00619

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1070.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 13/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
1.282	-5.028	.14592	-999.00000	.00012	-999.00000	6.24708	.68813	3.89214	-.03039
1.283	-4.017	.14574	-999.00000	.00013	-999.00000	6.24663	.68665	3.87216	-.02616
1.281	-2.992	.14476	-999.00000	.00012	-999.00000	6.24543	.68654	3.86196	-.02148
1.282	-1.989	.14402	-999.00000	.00013	-999.00000	6.24669	.68581	3.85079	-.01825
1.282	-1.003	.14367	-999.00000	.00013	-999.00000	6.24680	.68583	3.83987	-.01206
1.281	-.001	.14360	-999.00000	.00013	-999.00000	6.24418	.68565	3.83362	-.00750
1.282	2.003	.14440	-999.00000	.00012	-999.00000	6.24547	.68664	3.81700	.00341
1.283	3.990	.14622	-999.00000	.00015	-999.00000	6.24840	.68756	3.80938	.01280
1.280	5.013	.14730	-999.00000	.00016	-999.00000	6.24547	.68839	3.80791	.01744
	GRADIENT	.00007	.00000	.00000	.00000	.00013	.00011	-.00900	.00495

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN039) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 127/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.919	-5.021	.10964	.04602	-.00033	.06362	5.01618	.59848	3.67095	-.04618
.919	-4.015	.10857	.04560	-.00034	.06297	5.01678	.59431	3.67194	-.03925
.921	-3.008	.10746	.04531	-.00031	.06214	5.02740	.59332	3.67797	-.03078
.920	-1.995	.10650	.04520	-.00031	.06131	5.02248	.59090	3.67593	-.02469
.923	-1.012	.10616	.04495	-.00029	.06121	5.04139	.59327	3.68326	-.01597
.921	.008	.10583	.04458	-.00029	.06125	5.02419	.59029	3.67872	-.00669
.920	2.021	.10601	.04466	-.00027	.06135	5.02143	.59268	3.67798	.01126
.920	4.009	.10804	.04512	-.00019	.06292	5.02024	.59997	3.67822	.02677
.921	4.995	.10983	.04566	-.00013	.06417	5.02689	.60561	3.68103	.03348
	GRADIENT	.00014	-.00001	.00002	.00015	-.00004	.00114	.00052	.00823

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN040) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.921	-5.013	.09317	.04206	-.00025	.05110	5.02733	.63506	3.92783	-.04597
.921	-4.013	.09067	.04075	-.00023	.04992	5.02568	.63405	3.86807	-.03940
.920	-3.003	.08769	.03969	-.00021	.04799	5.02120	.63493	3.84149	-.03124
.921	-1.993	.08682	.03933	-.00018	.04750	5.02590	.63725	3.82334	-.02311
.920	-1.008	.08494	.03892	-.00019	.04602	5.02397	.63502	3.80987	-.01453
.920	.007	.08465	.03866	-.00020	.04599	5.02067	.63377	3.79962	-.00450
.920	2.012	.08582	.03907	-.00021	.04674	5.02068	.63141	3.78749	.01291
.922	4.006	.08884	.03977	-.00021	.04907	5.03156	.63130	3.78094	.02862
.921	4.993	.09058	.04015	-.00021	.05043	5.02688	.63220	3.77143	.03602
	GRADIENT	.00011	-.00002	-.00000	.00012	.00047	-.00047	-.00945	.00850

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN041) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.8800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 4/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
.156	.601	.06088	-999.00000	-.00021	-999.00000	2.90988	.89999	3.10051	-.00030
.173	.602	.06173	-999.00000	-.00031	-999.00000	2.90877	.89904	3.11426	.00015
.129	.701	.06295	-999.00000	-.00019	-999.00000	3.63476	.90275	3.35599	.00062
.097	.800	.06673	-999.00000	-.00012	-999.00000	4.31252	.91265	3.55363	.00161
.100	.850	.06944	-999.00000	-.00010	-999.00000	4.62910	.92457	3.61996	.00209
.106	.901	.08041	-999.00000	-.00012	-999.00000	4.92165	.99207	3.68515	.00359
.106	.922	.08965	-999.00000	-.00011	-999.00000	5.03846	1.00896	3.70278	.00316
.104	.951	.10311	-999.00000	-.00016	-999.00000	5.18973	.99170	3.73529	.00298
.091	.960	.10701	-999.00000	-.00014	-999.00000	5.23541	.99909	3.74266	.00304
.100	.980	.11556	-999.00000	-.00008	-999.00000	5.33153	1.02536	3.76719	.00350
.098	1.000	.12471	-999.00000	.00002	-999.00000	5.42192	1.04052	3.78814	.00438
.100	1.021	.13104	-999.00000	.00005	-999.00000	5.51623	1.04418	3.88593	.00377
.109	1.119	.14093	-999.00000	-.00009	-999.00000	5.86853	1.07455	3.73606	.00537
.090	1.149	.14036	-999.00000	-.00014	-999.00000	5.95470	1.19228	3.75344	.00457
.096	1.200	.13174	-999.00000	-.00006	-999.00000	6.08201	1.30936	3.73997	.00297
.125	1.281	.14694	-999.00000	-.00004	-999.00000	6.22257	1.34318	3.81246	.00144
	GRADIENT	.15012	-.00042	.00030	-.00042	5.12828	.62685	1.02457	.00558

RUN NO. 7/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.197	.602	.04826	-999.00000	-.00012	-999.00000	2.91192	.59991	3.12313	-.01029
5.126	.702	.05068	-999.00000	-.00011	-999.00000	3.64348	.59882	3.38519	-.00943
5.131	.801	.05541	-999.00000	-.00008	-999.00000	4.31852	.59995	3.56480	-.00869
5.097	.851	.06335	-999.00000	-.00007	-999.00000	4.63292	.59728	3.63434	-.00714
5.138	.900	.07717	-999.00000	-.00005	-999.00000	4.91725	.60434	3.68858	-.00513
5.107	.921	.08457	-999.00000	-.00007	-999.00000	5.03882	.62396	3.70834	-.00614
5.110	.951	.09693	-999.00000	-.00005	-999.00000	5.18922	.64880	3.73711	-.00736
5.120	.960	.10064	-999.00000	-.00005	-999.00000	5.23476	.64858	3.74757	-.00795
5.120	.980	.10945	-999.00000	-.00002	-999.00000	5.33029	.64577	3.76729	-.00799
5.121	1.002	.12313	-999.00000	.00005	-999.00000	5.43328	.64462	3.78973	-.00820
5.122	1.022	.13381	-999.00000	.00012	-999.00000	5.51848	.66124	3.81874	-.00830
5.115	1.049	.14469	-999.00000	.00005	-999.00000	5.64448	.66516	3.74398	-.00487
5.119	1.070	.15019	-999.00000	.00009	-999.00000	5.72697	.66759	3.74833	-.00471
5.107	1.100	.14570	-999.00000	.00009	-999.00000	5.83164	.66647	3.75485	-.00528
5.123	1.120	.14178	-999.00000	.00008	-999.00000	5.89743	.66137	3.77141	-.00367
5.123	1.149	.13910	-999.00000	-.00004	-999.00000	5.95527	.66680	3.75238	-.00766
5.092	1.199	.13040	-999.00000	-.00006	-999.00000	6.07785	.67974	3.74673	-.00891
5.101	1.252	.14092	-999.00000	-.00003	-999.00000	6.18088	.68502	3.75198	-.00931
5.128	1.279	.14328	-999.00000	-.00003	-999.00000	6.22125	.68619	3.77551	-.00947
	GRADIENT	.18466	.00000	.00021	.00000	4.79876	.16283	.75775	.00218

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN041) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO	
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO	
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO	
SCALE =	.0500						

PARAMETRIC DATA

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

RUN NO. 11/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
10.185	.600	.01682	-999.00000	-.00006	-999.00000	2.89812	.63220	3.12930	-.02139
10.145	.701	.02303	-999.00000	-.00007	-999.00000	3.63818	.63392	3.38929	-.02116
10.118	.800	.04631	-999.00000	-.00004	-999.00000	4.30961	.63547	3.56340	-.01980
10.119	.852	.06022	-999.00000	-.00005	-999.00000	4.63768	.62959	3.63499	-.02032
10.109	.901	.07407	-999.00000	-.00004	-999.00000	4.92325	.64090	3.68494	-.01794
10.131	.920	.08115	-999.00000	-.00005	-999.00000	5.02617	.64887	3.70556	-.01751
10.103	.951	.08822	-999.00000	-.00005	-999.00000	5.19055	.66806	3.73179	-.01631
10.094	.959	.09214	-999.00000	-.00004	-999.00000	5.23298	.67022	3.74304	-.01757
10.135	.981	.10410	-999.00000	-.00002	-999.00000	5.33788	.67066	3.75814	-.01947
10.112	1.001	.11854	-999.00000	.00005	-999.00000	5.42992	.66958	3.77374	-.01819
10.095	1.020	.12994	-999.00000	.00009	-999.00000	5.51220	.67316	3.78024	-.01794
10.110	1.152	.12741	-999.00000	-.00004	-999.00000	5.96689	.67761	3.75097	-.02092
10.125	1.200	.12382	-999.00000	-.00011	-999.00000	6.08183	.68678	3.74702	-.01885
10.077	1.249	.13448	-999.00000	-.00005	-999.00000	6.17722	.69214	3.73412	-.01813
	GRADIENT	.20607	.00000	.00002	.00000	4.99932	.10886	.82578	.00369

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN042) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 9/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	[illegible]	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.167	[illegible]	.04898	-999.00000	-.00012	-999.00000	2.89885	.59888	3.12489	.00723
5.125	[illegible]	.05127	-999.00000	-.00012	-999.00000	3.62824	.59862	3.38165	.01321
5.070	.803	.05690	-999.00000	-.00008	-999.00000	4.32871	.60069	3.56827	.02085
5.101	.852	.06498	-999.00000	-.00007	-999.00000	4.63686	.60415	3.63591	.01912
5.088	.902	.07899	-999.00000	-.00007	-999.00000	4.93151	.61110	3.68954	.01660
5.103	.921	.08669	-999.00000	-.00008	-999.00000	5.03248	.62483	3.70740	.01973
5.089	.950	.09770	-999.00000	-.00007	-999.00000	5.18385	.64237	3.73389	.01419
5.099	.961	.10291	-999.00000	-.00007	-999.00000	5.24062	.64409	3.74761	.01276
5.108	.981	.11215	-999.00000	-.00007	-999.00000	5.33819	.64199	3.76375	.01317
5.089	1.001	.12456	-999.00000	-.00008	-999.00000	5.42738	.64102	3.78583	.01406
5.097	1.020	.13597	-999.00000	-.00005	-999.00000	5.51304	.65890	3.79936	.01313
5.119	1.051	.14697	-999.00000	.00002	-999.00000	5.65142	.66457	3.74677	.01291
5.127	1.070	.15190	-999.00000	.00001	-999.00000	5.72671	.66751	3.74595	.01274
5.108	1.100	.14780	-999.00000	-.00002	-999.00000	5.83038	.66575	3.75362	.01375
5.104	1.119	.14478	-999.00000	-.00001	-999.00000	5.89417	.66079	3.76784	.01514
5.125	1.150	.13975	-999.00000	-.00008	-999.00000	5.95936	.66852	3.75501	.00790
5.085	1.198	.13191	-999.00000	-.00007	-999.00000	6.07739	.68057	3.75016	.00750
5.097	1.253	.14279	-999.00000	-.00003	-999.00000	6.18363	.68583	3.74756	.00550
5.127	1.281	.14511	-999.00000	-.00002	-999.00000	6.22294	.68718	3.74294	.00497
	GRADIENT	.18548	-.00036	.00015	-.00036	4.80050	.16182	.73764	-.01208

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 10/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.168	.600	.04880	-999.00000	-.00016	-999.00000	2.90024	.59946	3.12948	-.00966
5.128	.699	.05114	-999.00000	-.00017	-999.00000	3.61984	.59906	3.38198	-.00670
5.129	.801	.05628	-999.00000	-.00011	-999.00000	4.32026	.59950	3.56782	-.00567
5.103	.853	.06460	-999.00000	-.00008	-999.00000	4.64152	.59504	3.63913	-.00329
5.115	.900	.07851	-999.00000	-.00006	-999.00000	4.91662	.60196	3.68410	.00034
5.105	.919	.08507	-999.00000	-.00007	-999.00000	5.01998	.61965	3.70722	-.00163
5.083	.951	.09886	-999.00000	-.00005	-999.00000	5.19044	.64698	3.73571	-.00095
5.100	.961	.10277	-999.00000	-.00004	-999.00000	5.23881	.64644	3.74633	-.00122
5.111	.979	.11144	-999.00000	-.00001	-999.00000	5.32905	.64324	3.75836	-.00098
5.092	1.000	.12493	-999.00000	.00006	-999.00000	5.42321	.64112	3.78021	-.00031
5.096	1.020	.13560	-999.00000	.00012	-999.00000	5.51122	.65724	3.79516	.00030
5.117	1.049	.14737	-999.00000	.00005	-999.00000	5.64489	.66271	3.74485	.00107
5.109	1.070	.15232	-999.00000	.00009	-999.00000	5.72473	.66569	3.74792	.00198
5.108	1.100	.14760	-999.00000	.00008	-999.00000	5.82923	.66418	3.75498	.00243
5.117	1.120	.14334	-999.00000	.00006	-999.00000	5.89747	.65960	3.76772	.00299
5.120	1.151	.13982	-999.00000	-.00004	-999.00000	5.96120	.66581	3.75471	-.00108
5.083	1.199	.13196	-999.00000	-.00008	-999.00000	6.08092	.67788	3.75168	-.00277
5.098	1.252	.14224	-999.00000	-.00004	-999.00000	6.18143	.68364	3.74257	-.00375
5.129	1.280	.14467	-999.00000	-.00005	-999.00000	6.22306	.68553	3.72640	-.00404
	GRADIENT	.18532	.00072	.00025	.00072	4.80355	.16087	.72314	.00976

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN044) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 300/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.130	.649	.04964	.03748	-.00045	.01217	3.24907	.60949	3.21968	2.09241
5.115	.699	.05076	.03758	-.00041	.01318	3.60639	.61112	3.34096	2.09742
5.122	.749	.05244	.03732	-.00032	.01513	3.95772	.61056	3.45063	2.10085
5.074	.851	.06396	.03798	-.00029	.02599	4.61087	.61604	3.60753	2.11193
5.091	.921	.08462	.03902	-.00026	.04560	5.01114	.63381	3.68056	2.11843
5.093	.959	.10171	.04423	-.00015	.05749	5.20961	.65462	3.68995	2.10584
5.083	1.001	.12545	.05807	-.00019	.06738	5.40582	.65160	3.69033	2.10816
5.078	1.020	.13629	.06295	-.00017	.07334	5.48984	.66543	3.69536	2.10986
5.088	1.073	.15184	.06538	-.00011	.08646	5.69891	.67075	3.72047	2.11085
5.091	1.119	.14123	.05589	-.00012	.08534	5.85646	.65667	3.73954	2.11020
5.073	1.150	.13809	.05273	-.00011	.08536	5.94697	.67966	3.74981	2.11249
5.071	1.250	.14387	.05202	-.00006	.09185	6.16801	.68619	3.73997	2.11547
	GRADIENT	.20460	.04229	.00065	.16230	5.05780	.14404	.85141	.03132

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN045) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 5/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.200	.600	.05062	-999.00000	-.00008	-999.00000	2.90235	.35786	3.10833	-.01095
5.109	.699	.05315	-999.00000	-.00010	-999.00000	3.62219	.34881	3.36506	-.01104
5.092	.802	.05941	-999.00000	-.00007	-999.00000	4.32455	.36935	3.56180	-.00921
5.104	.852	.06802	-999.00000	-.00006	-999.00000	4.63835	.46649	3.62891	-.00943
5.144	.903	.08272	-999.00000	-.00005	-999.00000	4.93653	.52275	3.69205	-.00582
5.123	.922	.09057	-999.00000	-.00012	-999.00000	5.03774	.52882	3.70816	-.00643
5.129	.953	.10129	-999.00000	-.00011	-999.00000	5.20014	.56213	3.73960	-.00749
5.140	.960	.10310	-999.00000	-.00010	-999.00000	5.23396	.56494	3.74559	-.00678
5.103	.981	.11145	-999.00000	-.00007	-999.00000	5.33534	.56434	3.76872	-.00727
5.089	.998	.12278	-999.00000	-.00004	-999.00000	5.41642	.56156	3.79137	-.00748
5.096	1.019	.13547	-999.00000	.00004	-999.00000	5.50929	.59778	3.85725	-.00671
5.120	1.051	.14832	.06316	-.00008	.08516	5.62058	.61569	3.80933	-.00604
5.106	1.052	.14532	-999.00000	.00007	-999.00000	5.63327	.61516	3.85079	-.00384
5.115	1.073	.15214	-999.00000	.00009	-999.00000	5.71475	.61893	3.85762	-.00481
5.108	1.100	.14800	-999.00000	.00006	-999.00000	5.81045	.61568	3.86532	-.00534
5.135	1.102	.14933	.05705	-.00009	.09228	5.80653	.61362	3.83189	-.00589
5.111	1.119	.14518	-999.00000	.00004	-999.00000	5.87148	.60664	3.88232	-.00463
5.121	1.151	.13862	.04948	.00000	.08914	5.95492	.62579	3.87081	-.00530
5.116	1.152	.13589	-999.00000	.00009	-999.00000	5.96622	.62920	3.89475	-.00559
5.115	1.200	.13163	-999.00000	.00005	-999.00000	6.08545	.63994	3.87900	-.00584
5.114	1.252	.14267	-999.00000	.00008	-999.00000	6.18360	.64762	3.84745	-.00691
5.115	1.263	.14371	-999.00000	.00010	-999.00000	6.20231	.64781	3.90902	-.00757
5.069	1.280	.14460	-999.00000	.00012	-999.00000	6.23875	.64940	3.87064	-.00778
5.095	1.282	.14415	-999.00000	-.00002	-999.00000	6.22215	.65185	3.75418	-.01053
	GRADIENT	.16954	285.39732	.00031	285.40804	4.55931	.48797	.89869	.00518

LARC 16FT TWT 326(OA270A) 39-0 ORB. (TKN046) (03 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 6/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.202	.601	.04828	-999.00000	-.00013	-999.00000	2.90729	.60593	3.11719	-.01112
5.110	.699	.05071	-999.00000	-.00013	-999.00000	3.62277	.60586	3.37321	-.00995
5.128	.802	.05579	-999.00000	-.00008	-999.00000	4.32619	.61064	3.56709	-.00848
5.100	.851	.06316	-999.00000	-.00007	-999.00000	4.63039	.61146	3.63102	-.00771
5.139	.900	.07662	-999.00000	-.00005	-999.00000	4.91663	.61652	3.68776	-.00562
5.109	.920	.08406	-999.00000	-.00006	-999.00000	5.03099	.63583	3.70884	-.00492
5.116	.951	.09685	-999.00000	-.00004	-999.00000	5.18862	.65566	3.73679	-.00817
5.127	.980	.10103	-999.00000	-.00003	-999.00000	5.23581	.65598	3.74764	-.00853
5.124	.979	.10897	-999.00000	-.00002	-999.00000	5.32689	.65204	3.76636	-.00839
5.141	.999	.12199	-999.00000	.00005	-999.00000	5.41925	.64999	3.79068	-.00823
5.124	1.020	.13414	-999.00000	.00012	-999.00000	5.51355	.66490	3.82524	-.00848
5.110	1.050	.14250	-999.00000	.00002	-999.00000	5.62848	.66822	3.85152	-.00579
5.105	1.071	.14933	-999.00000	.00002	-999.00000	5.70629	.67093	3.85874	-.00563
5.141	1.101	.14623	.05826	-.00010	.08797	5.80096	.66986	3.82880	-.00534
5.107	1.122	.14057	-999.00000	.00000	-999.00000	5.87874	.66528	3.88159	-.00522
5.134	1.151	.13755	.05178	-.00010	.08577	5.95476	.66974	3.86309	-.00583
5.119	1.152	.13553	-999.00000	-.00005	-999.00000	5.96682	.67154	3.89524	-.00546
5.100	1.199	.13078	-999.00000	.00004	-999.00000	6.08261	.68158	3.89184	-.00533
5.123	1.201	.13042	.04297	-.00007	.08745	6.07778	.68038	3.88542	-.00662
5.129	1.251	.14138	-999.00000	.00005	-999.00000	6.18375	.68608	3.84353	-.00702
5.134	1.253	.14074	.04826	-.00004	.09248	6.17768	.68439	3.91080	-.00678
5.112	1.262	.14247	-999.00000	.00007	-999.00000	6.20217	.68531	3.87911	-.00636
5.086	1.282	.14381	-999.00000	.00013	-999.00000	6.24225	.68713	3.84438	-.00677
	GRADIENT	.16993	770.80137	.00023	770.83282	4.56362	.14387	.92261	.00597

LARC 16FT TWT 326(0A270A) 39-0 ORB. (TKN047) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 8/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CA	CAB	CAC	CAF	Q(PSI)	XCP/L	RN/L	BETA
5.223	.602	.05042	-999.00000	-.00015	-999.00000	2.91257	.67394	3.12713	-.01002
5.172	.699	.05284	-999.00000	-.00015	-999.00000	3.62114	.67578	3.37718	-.00922
5.134	.798	.05883	-999.00000	-.00008	-999.00000	4.29722	.67965	3.55786	-.00773
5.153	.849	.06640	-999.00000	-.00006	-999.00000	4.62343	.67990	3.63229	-.00839
5.115	.899	.07776	-999.00000	-.00002	-999.00000	4.91227	.67491	3.68646	-.00610
5.107	.922	.08732	-999.00000	.00004	-999.00000	5.03705	.68867	3.71103	-.00527
5.122	.951	.10126	-999.00000	.00001	-999.00000	5.18814	.69818	3.73542	-.00968
5.109	.960	.10606	-999.00000	-.00001	-999.00000	5.23501	.69783	3.74641	-.00818
5.144	.980	.11658	-999.00000	-.00001	-999.00000	5.33328	.69452	3.76601	-.00790
5.112	1.001	.12777	-999.00000	.00007	-999.00000	5.42660	.68784	3.78513	-.00781
5.141	1.020	.13933	-999.00000	.00013	-999.00000	5.51264	.70105	3.80684	-.00631
5.127	1.050	.14707	-999.00000	.00005	-999.00000	5.62763	.70170	3.85130	-.00546
5.135	1.051	.15113	.06714	-.00008	.08399	5.62202	.70122	3.81245	-.00415
5.104	1.071	.15426	-999.00000	.00007	-999.00000	5.70784	.70338	3.85870	-.00454
5.129	1.100	.15121	.06054	-.00007	.09067	5.80108	.70310	3.82636	-.00425
5.104	1.101	.15014	-999.00000	.00002	-999.00000	5.81395	.70379	3.86477	-.00464
5.117	1.120	.14618	-999.00000	-.00012	-999.00000	5.87499	.69954	3.88042	-.00448
5.111	1.152	.13966	-999.00000	.00001	-999.00000	5.96693	.70201	3.89208	-.00521
5.127	1.153	.14103	.05332	-.00005	.08770	5.96047	.70093	3.85791	-.00458
5.105	1.201	.13532	-999.00000	.00005	-999.00000	6.08670	.71059	3.89011	-.00515
5.106	1.251	.14632	-999.00000	.00006	-999.00000	6.18360	.71385	3.83856	-.00566
5.114	1.252	.14625	.05199	-.00005	.09426	6.17563	.71288	3.84029	-.00681
5.112	1.262	.14742	-999.00000	.00006	-999.00000	6.20111	.71333	3.85495	-.00642
5.101	1.264	.14770	-999.00000	.00006	-999.00000	6.20456	.71358	3.86776	-.00619
	GRADIENT	.18125	616.73138	.00023	616.75410	4.62400	.06757	.91162	.00674

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	180.000		

RUN NO. 138/ 0 RN/L = 3.07 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.602	-1.135	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.604	-.148	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.604	.345	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	.857	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	1.349	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	1.862	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	2.854	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 137/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.802	-1.065	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	-.058	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.804	.440	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	.952	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	1.425	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	1.933	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	2.936	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 136/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.900	-1.084	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	-.069	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.904	.432	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	.969	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	1.451	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	1.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	2.918	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	180.000		

RUN NO. 135/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.951	-1.081	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	-.080	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	.439	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	.931	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	1.434	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	1.934	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	2.912	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 134/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.981	-1.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-.049	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.979	.416	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.979	.966	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	1.431	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	1.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	2.948	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 133/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	-1.063	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-.068	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	.452	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	.950	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	1.455	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	1.932	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.048	2.948	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(0A270A) 39-0 ORB. (UKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 132/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.101	-1.059	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	.454	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	.941	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.437	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.955	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	2.939	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 131/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.202	-1.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.203	.433	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	.951	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	1.442	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.936	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	2.928	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 130/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.250	-1.068	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	-.048	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.253	.437	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.253	.932	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.253	1.445	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	1.946	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	2.962	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 73/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.952	.111	-999.00000	-999.00000	-999.00000	-999.00000	.08643	-999.00000
.952	2.612	-999.00000	-999.00000	-999.00000	-999.00000	.08505	-999.00000
.951	5.123	-999.00000	-999.00000	-999.00000	-999.00000	.08324	-999.00000
.951	8.132	-999.00000	-999.00000	-999.00000	-999.00000	.07389	-999.00000
.950	10.114	-999.00000	-999.00000	-999.00000	-999.00000	.06548	-999.00000
.950	12.125	-999.00000	-999.00000	-999.00000	-999.00000	.05002	-999.00000
.952	15.131	-999.00000	-999.00000	-999.00000	-999.00000	.01825	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00055	.00000

RUN NO. 67/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.053	.101	-999.00000	-999.00000	-999.00000	-999.00000	-.00136	-999.00000
1.051	2.630	-999.00000	-999.00000	-999.00000	-999.00000	-.01617	-999.00000
1.051	5.108	-999.00000	-999.00000	-999.00000	-999.00000	-.02976	-999.00000
1.051	8.104	-999.00000	-999.00000	-999.00000	-999.00000	-.06567	-999.00000
1.051	10.130	-999.00000	-999.00000	-999.00000	-999.00000	-.08065	-999.00000
1.049	12.117	-999.00000	-999.00000	-999.00000	-999.00000	-.09489	-999.00000
1.052	15.103	-999.00000	-999.00000	-999.00000	-999.00000	-.11900	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00586	-.00001

RUN NO. 54/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.271	.098	-999.00000	-999.00000	-999.00000	-999.00000	-.06567	-999.00000
1.273	2.611	-999.00000	-999.00000	-999.00000	-999.00000	-.08594	-999.00000
1.269	5.105	-999.00000	-999.00000	-999.00000	-999.00000	-.10949	-999.00000
1.269	8.098	-999.00000	-999.00000	-999.00000	-999.00000	-.13586	-999.00000
1.269	10.100	-999.00000	-999.00000	-999.00000	-999.00000	-.15556	-999.00000
1.265	12.132	-999.00000	-999.00000	-999.00000	-999.00000	-.18022	-999.00000
1.255	15.118	-999.00000	-999.00000	-999.00000	-999.00000	-.22102	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	-.00807	.00001

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 93/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.950	.162	.17419	.07728	.00566	.00358	.08334	.12961
.951	2.683	.16890	.06963	.00778	.00174	.08398	.09439
.951	5.167	.17925	.05662	.00864	-.00236	.08230	.07118
.952	8.162	.16761	.02965	.00862	-.00594	.07130	.05745
.949	10.177	.14365	.01256	.00414	-.00678	.06114	.05220
.950	12.171	.11360	.00197	.00141	-.00744	.04788	.04883
.951	15.174	.04527	-.01022	-.00226	-.00743	.01778	.02918
	GRADIENT	-.00210	-.00303	.00084	-.00073	.00025	-.01397

RUN NO. 86/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.052	.143	.17366	.07113	.00764	.00284	-.00157	.17491
1.051	2.639	.16187	.05673	.00853	-.00094	-.01348	.16245
1.052	5.150	.14535	.03485	.00787	-.00361	-.03436	.14255
1.053	8.148	.12706	.01196	.00463	-.00582	-.06498	.12267
1.048	10.143	.12171	.00065	.00491	-.00661	-.08258	.11850
1.052	12.138	.09356	-.01246	.00258	-.00712	-.09979	.10833
1.050	15.163	.04300	-.02525	.00048	-.00813	-.11767	.11082
	GRADIENT	-.00472	-.00577	.00036	-.00151	-.00477	-.00499

RUN NO. 50/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.274	.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	2.619	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	5.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 106/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.952	.101	.17534	.07785	.00525	.00342	.08777	.12707
.952	2.631	.16845	.06901	.00721	.00176	.08582	.08986
.951	5.109	.17392	.05763	.00805	-.00264	.08156	.06697
.953	8.124	.16798	.03110	.00746	-.00579	.07124	.05505
.951	10.127	.14557	.01275	.00452	-.00713	.06514	.05020
.951	12.122	.11896	.00199	.00166	-.00760	.05076	.04295
.951	15.125	.04726	-.01033	-.00224	-.00751	.02055	.03098
	GRADIENT	-.00272	-.00349	.00077	-.00066	-.00077	-.01471

RUN NO. 101/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.052	.114	.17361	.07053	.00791	.00276	-.00373	.17767
1.051	2.614	.16066	.05532	.00854	-.00115	-.01397	.16390
1.050	5.113	.14523	.03399	.00789	-.00378	-.03454	.14574
1.054	8.127	.12462	.00890	.00497	-.00577	-.06411	.12728
1.051	10.128	.13326	.00119	.00515	-.00669	-.07944	.11749
1.050	12.121	.09425	-.01279	.00258	-.00711	-.09925	.10542
1.052	15.130	.03954	-.02612	.00000	-.00810	-.12509	.10948
	GRADIENT	-.00518	-.00608	.00025	-.00156	-.00410	-.00551

LARC 16FT TWT 326(0A270A) 39-0 ORB. (UKN005) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 75/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.902	.098	-999.00000	-999.00000	-999.00000	-999.00000	-.01801	-999.00000
.903	2.601	-999.00000	-999.00000	-999.00000	-999.00000	-.00818	-999.00000
.901	5.113	-999.00000	-999.00000	-999.00000	-999.00000	.00301	-999.00000
.900	8.119	-999.00000	-999.00000	-999.00000	-999.00000	.00962	-999.00000
.902	10.127	-999.00000	-999.00000	-999.00000	-999.00000	.01349	-999.00000
.900	12.111	-999.00000	-999.00000	-999.00000	-999.00000	.01327	-999.00000
.902	15.113	-999.00000	-999.00000	-999.00000	-999.00000	.01488	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00393	.00001

RUN NO. 71/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.952	.105	-999.00000	-999.00000	-999.00000	-999.00000	.01548	-999.00000
.952	2.622	-999.00000	-999.00000	-999.00000	-999.00000	.00827	-999.00000
.952	5.116	-999.00000	-999.00000	-999.00000	-999.00000	.01113	-999.00000
.951	8.112	-999.00000	-999.00000	-999.00000	-999.00000	.01459	-999.00000
.950	10.130	-999.00000	-999.00000	-999.00000	-999.00000	.01340	-999.00000
.954	12.125	-999.00000	-999.00000	-999.00000	-999.00000	.00088	-999.00000
.950	15.141	-999.00000	-999.00000	-999.00000	-999.00000	-.00831	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00286	.00000

RUN NO. 72/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.979	.107	-999.00000	-999.00000	-999.00000	-999.00000	.00486	-999.00000
.981	2.620	-999.00000	-999.00000	-999.00000	-999.00000	-.00337	-999.00000
.982	5.111	-999.00000	-999.00000	-999.00000	-999.00000	-.01185	-999.00000
.981	8.125	-999.00000	-999.00000	-999.00000	-999.00000	-.01743	-999.00000
.979	10.116	-999.00000	-999.00000	-999.00000	-999.00000	-.02070	-999.00000
.979	12.098	-999.00000	-999.00000	-999.00000	-999.00000	-.03060	-999.00000
.980	15.140	-999.00000	-999.00000	-999.00000	-999.00000	-.05143	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	-.00327	.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 56/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.271	.117	-999.00000	-999.00000	-999.00000	-999.00000	-.08791	-999.00000
1.272	2.598	-999.00000	-999.00000	-999.00000	-999.00000	-.11017	-999.00000
1.271	5.106	-999.00000	-999.00000	-999.00000	-999.00000	-.13674	-999.00000
1.268	8.094	-999.00000	-999.00000	-999.00000	-999.00000	-.16884	-999.00000
1.270	10.097	-999.00000	-999.00000	-999.00000	-999.00000	-.19223	-999.00000
1.266	12.089	-999.00000	-999.00000	-999.00000	-999.00000	-.20977	-999.00000
1.258	15.112	-999.00000	-999.00000	-999.00000	-999.00000	-.25095	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00897	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 97/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.902	.136	.05797	.02781	.00002	.00078	-.01727	.11067
.902	2.652	.06875	.03131	.00090	.00022	-.00493	.10665
.902	5.154	.08181	.02874	.00104	-.00220	.00313	.10216
.902	8.149	.07555	.01164	.00012	-.00384	.01058	.08833
.899	10.167	.07982	.00508	-.00149	-.00421	.01467	.08071
.901	12.177	.05667	-.00571	-.00382	-.00518	.01468	.07672
.900	15.170	.01098	-.01939	-.00817	-.00536	.01592	.06662
	GRADIENT	.00428	.00139	.00035	-.00022	.00490	-.00160

LARC 16FT TWT 326(0A270A) 39-0 ORB. (UKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 68/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.050	.096	-999.00000	-999.00000	-999.00000	-999.00000	-.03542	-999.00000
1.049	2.615	-999.00000	-999.00000	-999.00000	-999.00000	-.04993	-999.00000
1.050	5.134	-999.00000	-999.00000	-999.00000	-999.00000	-.06952	-999.00000
1.052	8.108	-999.00000	-999.00000	-999.00000	-999.00000	-.09413	-999.00000
1.052	10.114	-999.00000	-999.00000	-999.00000	-999.00000	-.11265	-999.00000
1.051	12.116	-999.00000	-999.00000	-999.00000	-999.00000	-.12292	-999.00000
1.051	15.106	-999.00000	-999.00000	-999.00000	-999.00000	-.14860	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00576	.00000

RUN NO. 66/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.102	.113	-999.00000	-999.00000	-999.00000	-999.00000	-.06568	-999.00000
1.103	2.621	-999.00000	-999.00000	-999.00000	-999.00000	-.08563	-999.00000
1.101	5.125	-999.00000	-999.00000	-999.00000	-999.00000	-.09726	-999.00000
1.101	8.085	-999.00000	-999.00000	-999.00000	-999.00000	-.12237	-999.00000
1.100	10.096	-999.00000	-999.00000	-999.00000	-999.00000	-.13144	-999.00000
1.099	12.117	-999.00000	-999.00000	-999.00000	-999.00000	-.13973	-999.00000
1.099	15.100	-999.00000	-999.00000	-999.00000	-999.00000	-.15851	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00795	.00000

RUN NO. 55/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.202	.120	-999.00000	-999.00000	-999.00000	-999.00000	-.02999	-999.00000
1.201	2.616	-999.00000	-999.00000	-999.00000	-999.00000	-.04486	-999.00000
1.200	5.105	-999.00000	-999.00000	-999.00000	-999.00000	-.06277	-999.00000
1.201	8.107	-999.00000	-999.00000	-999.00000	-999.00000	-.08491	-999.00000
1.200	10.101	-999.00000	-999.00000	-999.00000	-999.00000	-.10537	-999.00000
1.201	12.096	-999.00000	-999.00000	-999.00000	-999.00000	-.12462	-999.00000
1.201	15.121	-999.00000	-999.00000	-999.00000	-999.00000	-.15478	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00596	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 94/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.951	.145	.05718	.04421	.00256	.00022	.00206	.09666
.952	2.642	.05986	.03311	.00267	-.00130	.00465	.06839
.950	5.150	.07527	.02234	.00226	-.00423	.01190	.05096
.949	8.156	.08534	-.00150	.00218	-.00572	.01627	.04693
.948	10.158	.06124	-.01442	-.00007	-.00687	.01437	.03863
.951	12.151	.03159	-.02837	-.00197	-.00799	.00523	.03959
.951	15.190	-.02237	-.04316	-.00585	-.00849	-.00794	.02641
	GRADIENT	.00107	-.00445	.00004	-.00061	.00104	-.01132

RUN NO. 92/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.980	.131	.06665	.04262	.00298	.00047	.00125	.13539
.981	2.672	.06644	.03088	.00298	-.00130	-.00587	.10533
.980	5.164	.07291	.01996	.00248	-.00462	-.01095	.08118
.978	8.167	.07821	-.00439	.00171	-.00664	-.01358	.06503
.982	10.160	.05658	-.02192	.00026	-.00773	-.02604	.05476
.982	12.185	.03063	-.03463	-.00098	-.00830	-.03409	.05571
.980	15.176	-.02534	-.05193	-.00480	-.00912	-.05318	.08134
	GRADIENT	-.00008	-.00462	.00000	-.00070	-.00280	-.01183

RUN NO. 87/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.051	.138	.06843	.03536	.00505	-.00043	-.03377	.17780
1.050	2.653	.06106	.01870	.00511	-.00341	-.05247	.16442
1.053	5.149	.05770	.00291	.00449	-.00450	-.07444	.14744
1.049	8.153	.04672	-.01807	.00199	-.00565	-.09613	.12854
1.051	10.146	.03368	-.02837	.00127	-.00699	-.11305	.12074
1.049	12.149	.01739	-.04084	-.00054	-.00777	-.12410	.10707
1.050	15.163	-.02032	-.05617	-.00232	-.00883	-.13440	.10354
	GRADIENT	-.00293	-.00662	.00002	-.00118	-.00744	-.00532

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 85/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.102	.139	.06740	.03639	.00495	.00024	-.07190	.18244
1.102	2.635	.05825	.02071	.00527	-.00256	-.08535	.17151
1.103	5.147	.05687	.00730	.00479	-.00404	-.10110	.15740
1.099	8.146	.04954	-.01495	.00261	-.00565	-.11970	.13887
1.102	10.148	.03832	-.02542	.00175	-.00665	-.13503	.12765
1.101	12.149	.02112	-.03831	-.00001	-.00730	-.14263	.11622
1.101	15.151	-.01832	-.05371	-.00121	-.00828	-.15981	.11939
	GRADIENT	-.00367	-.00628	.00013	-.00112	-.00539	-.00438

RUN NO. 90/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.203	.128	.06545	.01454	.00596	-.00371	-.03750	.15900
1.197	2.657	.05660	.00343	.00408	-.00477	-.05582	.15206
1.201	5.160	.04024	-.00874	.00224	-.00560	-.07373	.13623
1.201	8.150	.01930	-.02587	.00046	-.00638	-.09646	.12857
1.200	10.135	.00822	-.03665	-.00163	-.00690	-.11824	.12246
1.197	12.141	-.00779	-.04937	-.00185	-.00775	-.13463	.11914
1.202	15.151	-.03800	-.05832	-.00374	-.00814	-.17284	.12055
	GRADIENT	-.00350	-.00439	-.00074	-.00042	-.00724	-.00274

RUN NO. 40/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.277	.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	4.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	5.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	6.128	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	7.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	8.142	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	9.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	10.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	11.106	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	12.131	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	13.129	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.264	15.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	20.134	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 109/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	.097	.06011	.02858	-.00050	.00077	-.01628	.10838
.902	2.622	.06712	.03125	.00042	.00017	-.00519	.10909
.903	5.125	.08131	.02948	.00116	-.00237	.00097	.09746
.899	8.136	.07507	.01348	.00025	-.00367	.01304	.09149
.898	10.136	.07686	.00505	-.00195	-.00414	.01781	.08029
.901	12.123	.05893	-.00512	-.00346	-.00520	.01278	.07832
.898	15.126	.01181	-.01790	-.00792	-.00551	.01660	.06970
	GRADIENT	.00278	.00106	.00036	-.00024	.00439	.00028

RUN NO. 107/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.952	.100	.05829	.04449	.00243	.00023	.00608	.09940
.951	2.616	.05917	.03235	.00248	-.00128	.00699	.06763
.951	5.111	.07211	.02136	.00215	-.00442	.00956	.04549
.953	8.114	.08446	-.00036	.00151	-.00635	.01677	.03865
.951	10.129	.06651	-.01546	.00039	-.00689	.01205	.03944
.949	12.115	.03648	-.02698	-.00210	-.00753	.01066	.03826
.951	15.140	-.01904	-.04288	-.00548	-.00820	-.00522	.03388
	GRADIENT	.00035	-.00483	.00002	-.00060	.00036	-.01263

RUN NO. 105/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.982	.126	.06690	.04260	.00324	.00044	.00062	.13274
.981	2.614	.06636	.03181	.00294	-.00131	-.00487	.10668
.981	5.098	.07075	.01967	.00256	-.00471	-.00860	.08452
.983	8.105	.07377	-.00307	.00119	-.00699	-.02038	.06708
.982	10.140	.05647	-.02146	.00027	-.00775	-.02133	.05255
.982	12.122	.03225	-.03507	-.00113	-.00847	-.03318	.05688
.980	15.114	-.02194	-.05096	-.00434	-.00929	-.05866	.07969
	GRADIENT	-.00022	-.00434	-.00012	-.00070	-.00221	-.01047

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 102/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.051	.093	.06824	.03587	.00505	-.00029	-.03994	.17785
1.051	2.616	.06014	.01871	.00510	-.00341	-.05374	.16491
1.053	5.125	.05696	.00251	.00444	-.00432	-.07791	.14723
1.052	8.114	.04455	-.01704	.00223	-.00514	-.09891	.13105
1.051	10.096	.03273	-.02815	.00105	-.00689	-.11835	.11901
1.051	12.123	.01589	-.04187	-.00070	-.00785	-.13285	.10723
1.051	15.110	-.02235	-.05647	-.00269	-.00902	-.15041	.10208
	GRADIENT	-.00321	-.00680	.00002	-.00124	-.00547	-.00513

RUN NO. 100/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.099	.104	.06670	.03693	.00516	.00034	-.06970	.18245
1.100	2.621	.06062	.02305	.00544	-.00242	-.08471	.17211
1.102	5.133	.05613	.00620	.00490	-.00408	-.10076	.15683
1.101	8.104	.04944	-.01491	.00284	-.00481	-.12377	.13885
1.102	10.107	.03655	-.02549	.00168	-.00650	-.13442	.12726
1.101	12.136	.02135	-.03951	.00014	-.00732	-.14223	.11466
1.100	15.118	-.02080	-.05466	-.00140	-.00835	-.15828	.11899
	GRADIENT	-.00242	-.00551	.00011	-.00110	-.00596	-.00411

RUN NO. 99/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.202	.117	.06511	.01879	.00594	-.00326	-.02565	.17042
1.202	2.622	.05721	.00649	.00425	-.00445	-.04583	.15576
1.201	5.109	.04519	-.00545	.00247	-.00515	-.06437	.14246
1.200	8.104	.02434	-.02269	.00078	-.00604	-.08645	.13197
1.198	10.120	.01390	-.03362	-.00085	-.00643	-.10489	.12440
1.199	12.118	-.00566	-.04700	-.00206	-.00762	-.12436	.12064
1.204	15.110	-.02822	-.05778	-.00402	-.00821	-.15832	.11754
	GRADIENT	-.00315	-.00491	-.00067	-.00048	-.00806	-.00585

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN008) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 91/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.981	.155	.06642	.04274	.00295	.00049	.00199	.13711
.982	2.660	.06661	.03039	.00313	-.00126	-.00766	.10381
.981	5.151	.07024	.01690	.00251	-.00493	-.01308	.08328
.983	8.182	.07682	-.00850	.00171	-.00694	-.02448	.07105
.979	10.172	.05498	-.02722	.00037	-.00782	-.02301	.05658
.980	12.161	.02460	-.04273	-.00121	-.00859	-.03562	.05141
.979	15.173	-.03965	-.06285	-.00562	-.00993	-.05949	.08468
	GRADIENT	.00008	-.00493	.00007	-.00070	-.00385	-.01329

RUN NO. 60/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	.071	-999.00000	-999.00000	-999.00000	-999.00000	-.04056	-999.00000
1.051	2.630	-999.00000	-999.00000	-999.00000	-999.00000	-.06014	-999.00000
1.049	5.100	-999.00000	-999.00000	-999.00000	-999.00000	-.07530	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00765	-.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN009) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 74/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.953	.101	-999.00000	-999.00000	-999.00000	-999.00000	-.03845	-999.00000
.950	2.622	-999.00000	-999.00000	-999.00000	-999.00000	-.02737	-999.00000
.949	5.108	-999.00000	-999.00000	-999.00000	-999.00000	-.01374	-999.00000
.950	8.119	-999.00000	-999.00000	-999.00000	-999.00000	.00157	-999.00000
.951	10.107	-999.00000	-999.00000	-999.00000	-999.00000	-.00008	-999.00000
.949	12.093	-999.00000	-999.00000	-999.00000	-999.00000	-.00632	-999.00000
.950	15.122	-999.00000	-999.00000	-999.00000	-999.00000	-.02818	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00440	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 70/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.050	.093	-999.00000	-999.00000	-999.00000	-999.00000	-.07254	-999.00000
1.049	2.616	-999.00000	-999.00000	-999.00000	-999.00000	-.08367	-999.00000
1.051	5.114	-999.00000	-999.00000	-999.00000	-999.00000	-.10719	-999.00000
1.052	8.105	-999.00000	-999.00000	-999.00000	-999.00000	-.13842	-999.00000
1.052	10.117	-999.00000	-999.00000	-999.00000	-999.00000	-.16683	-999.00000
1.052	12.125	-999.00000	-999.00000	-999.00000	-999.00000	-.17588	-999.00000
1.051	15.124	-999.00000	-999.00000	-999.00000	-999.00000	-.18278	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	-.00441	.00001

RUN NO. 59/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.248	.105	-999.00000	-999.00000	-999.00000	-999.00000	-.10731	-999.00000
1.251	2.596	-999.00000	-999.00000	-999.00000	-999.00000	-.12788	-999.00000
1.250	5.100	-999.00000	-999.00000	-999.00000	-999.00000	-.15578	-999.00000
1.249	8.103	-999.00000	-999.00000	-999.00000	-999.00000	-.19030	-999.00000
1.248	10.110	-999.00000	-999.00000	-999.00000	-999.00000	-.21304	-999.00000
1.248	12.128	-999.00000	-999.00000	-999.00000	-999.00000	-.23893	-999.00000
1.238	15.097	-999.00000	-999.00000	-999.00000	-999.00000	-.26489	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00826	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BODFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 96/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.952	.144	.01581	.01089	.00053	-.00106	-.04076	.09756
.952	2.646	.01829	.00029	.00081	-.00223	-.02632	.06148
.950	5.183	.02275	-.00814	.00007	-.00522	-.01421	.04309
.948	8.170	.02524	-.02684	-.00037	-.00676	.00576	.03843
.951	10.145	.00322	-.04354	-.00238	-.00787	-.00167	.04094
.951	12.142	-.02951	-.06008	-.00463	-.00909	-.01153	.03679
.951	15.143	-.08750	-.07514	-.00882	-.00980	-.02937	.04977
	GRADIENT	.00099	-.00424	.00011	-.00047	.00577	-.01442

RUN NO. 89/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	.148	.00474	.00625	.00352	-.00144	-.06757	.17915
1.050	2.657	-.00069	-.00743	.00350	-.00441	-.08548	.16652
1.051	5.143	-.00626	-.02555	.00258	-.00517	-.10505	.15101
1.048	8.144	-.01979	-.04572	-.00019	-.00634	-.13744	.13262
1.052	10.145	-.03406	-.05806	-.00128	-.00774	-.16505	.12318
1.051	12.125	-.05010	-.07016	-.00285	-.00879	-.17141	.11052
1.049	15.144	-.08449	-.08332	-.00494	-.00996	-.17741	.10120
	GRADIENT	-.00216	-.00545	-.00001	-.00118	-.00714	-.00503

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 108/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.950	.118	.01663	.01140	.00070	-.00103	-.04240	.09657
.950	2.599	.01863	.00120	.00055	-.00230	-.02586	.06095
.949	5.100	.02076	-.00772	-.00002	-.00489	-.01251	.03995
.951	8.118	.02347	-.02704	-.00090	-.00694	.00144	.03869
.951	10.126	.00648	-.04185	-.00222	-.00781	.00211	.03113
.950	12.108	-.01683	-.05650	-.00421	-.00876	-.00503	.03594
.949	15.127	-.07935	-.07226	-.00810	-.00971	-.01922	.04401
	GRADIENT	.00081	-.00411	-.00006	-.00051	.00667	-.01436

RUN NO. 104/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	.115	.00464	.00676	.00353	-.00154	-.07294	.17826
1.051	2.616	-.00124	-.00793	.00369	-.00417	-.08726	.16826
1.051	5.098	-.00702	-.02522	.00277	-.00492	-.11214	.15397
1.051	8.088	-.02267	-.04713	-.00007	-.00628	-.13830	.13156
1.049	10.119	-.03215	-.05603	-.00130	-.00764	-.16299	.11989
1.051	12.099	-.04914	-.07036	-.00254	-.00871	-.18027	.10945
1.052	15.111	-.08354	-.08322	-.00492	-.00993	-.18751	.10374
	GRADIENT	-.00235	-.00587	.00006	-.00105	-.00573	-.00400

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN012) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	-5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 154/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.603	.156	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	2.644	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	5.153	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	8.164	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.604	10.165	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	12.173	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.897	.078	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	2.582	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	5.068	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	8.098	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	10.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	12.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.954	.082	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	2.590	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	5.103	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	8.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.953	10.090	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	12.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 140/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.248	.093	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	2.594	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.251	5.096	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	8.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.250	10.110	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.250	12.087	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 155/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.602	.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	2.667	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	5.148	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	8.153	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	10.162	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	12.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.799	.078	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	2.585	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	5.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	8.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	10.110	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	12.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 151/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.900	.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	2.577	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	5.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	8.107	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.904	10.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	12.085	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 148/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.953	.086	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.953	2.568	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	5.096	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	8.102	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	10.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	12.111	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 146/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.980	.099	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	2.603	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	5.080	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.972	8.098	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	10.082	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	12.093	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 145/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.050	.096	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.053	2.580	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	5.086	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	8.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.046	10.082	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	12.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.101	.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	2.577	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	5.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.097	8.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.098	10.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	12.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 143/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.199	.087	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	2.573	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.197	8.081	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	10.076	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	12.082	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 141/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.253	.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.253	2.592	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	5.081	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	8.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.251	10.101	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.250	12.106	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN014) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 156/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.604	.156	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	2.671	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	5.135	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	8.166	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	10.164	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	12.178	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 152/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	.092	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	2.588	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	5.089	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	8.103	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	10.099	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	12.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 149/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.952	.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	2.580	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	5.106	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.947	8.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.953	10.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	12.091	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 142/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.251	.079	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.254	2.584	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.251	5.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	8.076	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.250	10.081	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	12.091	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 55/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.599	.153	-999.00000	-999.00000	-999.00000	-999.00000	.01484	-999.00000
.600	2.676	-999.00000	-999.00000	-999.00000	-999.00000	.01617	-999.00000
.599	5.165	-999.00000	-999.00000	-999.00000	-999.00000	.01650	-999.00000
.600	8.169	-999.00000	-999.00000	-999.00000	-999.00000	.01292	-999.00000
.601	10.167	-999.00000	-999.00000	-999.00000	-999.00000	.00799	-999.00000
.600	12.175	-999.00000	-999.00000	-999.00000	-999.00000	-.00303	-999.00000
.602	15.185	-999.00000	-999.00000	-999.00000	-999.00000	-.01893	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00053	.00001

RUN NO. 64/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.802	.076	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	2.623	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	5.106	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	8.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	10.084	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	12.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	15.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 61/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	2.596	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	5.111	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.897	8.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	10.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	12.149	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	15.144	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN015) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 114/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.951	.078	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	2.595	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.954	5.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	8.087	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.945	10.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	12.059	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.953	15.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001

RUN NO. 111/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.271	.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	2.596	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.069	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	8.067	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	10.081	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	12.061	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.265	15.065	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. XO	BETA =	.000	ELEVON =	.000
LREF =	474.8100	INCHES	YMRP =	.0000	IN. YO	AILRON =	.000	BDFLAP =	.000
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO	SPDBRK =	25.000	RUDDER =	.000
SCALE =	.0500					PHI =	.000		

PARAMETRIC DATA

RUN NO. 42/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.602	.172	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	.677	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	1.195	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	1.708	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	2.201	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	4.194	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	5.218	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	6.187	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	7.210	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	8.183	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	9.201	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	10.190	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	11.194	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	12.193	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	13.194	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	15.179	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	20.212	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 31/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.801	.047	-999.00000	-999.00000	-999.00000	-999.00000	.00288	-999.00000
.801	.562	-999.00000	-999.00000	-999.00000	-999.00000	.00424	-999.00000
.800	1.063	-999.00000	-999.00000	-999.00000	-999.00000	.00388	-999.00000
.799	1.588	-999.00000	-999.00000	-999.00000	-999.00000	.00458	-999.00000
.802	2.079	-999.00000	-999.00000	-999.00000	-999.00000	.00290	-999.00000
.801	4.075	-999.00000	-999.00000	-999.00000	-999.00000	.00799	-999.00000
.800	5.075	-999.00000	-999.00000	-999.00000	-999.00000	.00804	-999.00000
.798	6.075	-999.00000	-999.00000	-999.00000	-999.00000	.00723	-999.00000
.803	7.041	-999.00000	-999.00000	-999.00000	-999.00000	.00640	-999.00000
.799	8.042	-999.00000	-999.00000	-999.00000	-999.00000	.00671	-999.00000
.802	9.060	-999.00000	-999.00000	-999.00000	-999.00000	.00408	-999.00000
.799	10.036	-999.00000	-999.00000	-999.00000	-999.00000	.00313	-999.00000
.801	11.060	-999.00000	-999.00000	-999.00000	-999.00000	-.00016	-999.00000
.801	12.042	-999.00000	-999.00000	-999.00000	-999.00000	-.00573	-999.00000
.800	13.035	-999.00000	-999.00000	-999.00000	-999.00000	-.01009	-999.00000
.802	15.079	-999.00000	-999.00000	-999.00000	-999.00000	-.02785	-999.00000
.803	20.050	-999.00000	-999.00000	-999.00000	-999.00000	-.04518	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	.00108	-.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 2/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.899	.088	.06482	.03191	.00296	.00293	-.01265	.10578
.899	.596	.06416	.03054	.00286	.00250	-.01041	.10168
.900	1.112	.06190	.02833	.00277	.00209	-.01135	.09796
.898	1.592	.06492	.02876	.00262	.00172	-.00676	.09365
.898	2.121	.06661	.02932	.00311	.00116	-.00455	.09246
.899	4.085	.07337	.03387	.00405	-.00044	.00019	.09781
.899	5.115	.07681	.03340	.00320	-.00148	.00487	.09530
.899	6.111	.08256	.02746	.00326	-.00219	.00743	.09303
.899	7.121	.07678	.02006	.00304	-.00245	.00709	.08872
.902	8.108	.07210	.01321	.00276	-.00327	.00868	.08450
.898	9.127	.07171	.01131	.00202	-.00324	.01087	.07998
.899	10.157	.07085	.00579	.00080	-.00341	.01133	.07862
.900	11.127	.06766	-.00046	.00000	-.00445	.01144	.07628
.899	12.084	.05315	-.00489	-.00140	-.00465	.00860	.07466
.899	13.107	.03072	-.01075	-.00321	-.00476	.00827	.06905
.903	15.108	-.01285	-.02397	-.00643	-.00560	.01258	.06832
.899	20.111	-.02830	-.05615	-.00841	-.00781	-.00877	.08606
	GRADIENT	.00243	.00067	.00030	-.00085	.00333	-.00188

RUN NO. 12/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.949	.084	.05480	.04953	.00510	.00107	.00895	.09003
.948	.579	.05544	.04961	.00532	.00082	.01109	.08462
.949	1.071	.05476	.04920	.00531	.00034	.01103	.07843
.950	1.589	.05413	.04638	.00547	.00006	.01469	.07057
.949	2.126	.05458	.04257	.00483	-.00046	.01260	.06719
.950	4.129	.06154	.03036	.00524	-.00198	.01394	.04575
.953	5.126	.06548	.02361	.00503	-.00399	.01348	.04298
.948	6.123	.07620	.01920	.00496	-.00459	.01797	.04138
.951	7.076	.08295	.01026	.00521	-.00508	.01642	.03878
.948	8.053	.08427	.00135	.00512	-.00558	.01577	.03652
.950	9.052	.07884	-.00793	.00433	-.00626	.01667	.03715
.950	10.074	.06697	-.01543	.00305	-.00663	.01287	.03262
.951	11.056	.04944	-.02380	.00187	-.00709	.00591	.03278
.952	12.063	.02927	-.03144	.00098	-.00778	.00004	.02998
.950	13.074	.00001	-.03688	-.00119	-.00798	-.00394	.04001
.946	15.049	-.03840	-.04751	-.00216	-.00613	-.00903	.03600
.915	19.957	-.04327	-.06071	-.00656	-.00746	-.00422	.07882
	GRADIENT	.00159	-.00506	-.00001	-.00077	.00109	-.01093

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 36/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.050	.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	.619	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	1.123	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	1.610	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	2.128	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	4.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	5.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	6.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	7.105	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	8.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	9.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.049	10.125	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	11.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.053	12.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	13.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	15.127	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	20.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 39/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.100	.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	.622	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.123	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.633	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	2.127	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	4.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.098	5.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	6.113	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	7.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	8.094	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	9.112	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	10.122	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	11.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	12.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	13.122	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	15.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	20.096	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00002	.00002	.00002	.00002	.00002	.00002

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 34/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.201	.129	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	.611	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.604	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	2.102	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	4.098	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	6.115	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	7.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	8.118	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	9.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	10.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	11.101	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	12.112	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	13.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.198	15.128	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.203	20.108	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00002	.00002	.00002	.00002	.00002	.00002

RUN NO. 33/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.290	.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.290	.634	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.291	1.125	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.291	1.612	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN018) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 95/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.980	.162	.07790	.04934	.00311	.00060	.01029	.13263
.980	2.680	.07699	.03593	.00340	-.00115	.00702	.10215
.980	5.178	.08151	.02189	.00317	-.00446	-.00015	.09205
.980	8.149	.08892	-.00373	.00227	-.00675	-.01343	.06837
.980	10.159	.06473	-.02222	.00079	-.00774	-.02007	.05082
.980	12.156	.03436	-.03850	-.00100	-.00852	-.03312	.05430
.979	15.173	-.02908	-.05782	-.00548	-.00958	-.05708	.07462
	GRADIENT	-.00036	-.00533	.00012	-.00069	-.00130	-.01210

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN019) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 113/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.980	.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	2.586	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.978	5.058	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.979	8.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.984	10.066	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	12.072	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.978	15.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-O ORB. (UKN021) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 57/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.604	.154	-999.00000	-999.00000	-999.00000	-999.00000	-.01117	-999.00000
.602	2.669	-999.00000	-999.00000	-999.00000	-999.00000	-.00718	-999.00000
.601	5.170	-999.00000	-999.00000	-999.00000	-999.00000	-.00771	-999.00000
.601	8.176	-999.00000	-999.00000	-999.00000	-999.00000	-.00965	-999.00000
.600	10.175	-999.00000	-999.00000	-999.00000	-999.00000	-.01306	-999.00000
.601	12.175	-999.00000	-999.00000	-999.00000	-999.00000	-.02076	-999.00000
.598	15.159	-999.00000	-999.00000	-999.00000	-999.00000	-.03520	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00159	.00000

RUN NO. 63/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.803	.111	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	2.583	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	5.075	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	8.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	10.095	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	12.104	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	15.090	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 62/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	.101	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	2.620	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	5.117	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	8.111	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	10.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	12.170	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	15.106	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN021) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 115/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.949	.055	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	2.582	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	5.069	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.947	8.079	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	10.059	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	12.071	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	15.076	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.272	.086	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	2.560	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	5.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.266	8.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	10.079	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	12.049	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.263	15.063	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN023) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 46/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.602	.177	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	2.685	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	5.208	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	7.686	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	10.219	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 118/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.799	.064	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	2.579	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	5.084	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	8.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	10.087	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.804	12.098	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	15.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 44/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.271	.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.273	2.618	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	7.615	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	10.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	12.632	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	15.121	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN025) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 47/ 0 RN/L = 3.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.598	.184	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.604	2.701	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	5.220	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	7.696	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	10.196	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	12.716	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	15.216	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 119/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.800	.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	2.591	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	5.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	8.082	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	10.088	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	12.083	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	15.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 45/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.270	.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	2.652	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	5.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	7.625	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.274	10.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	12.662	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.268	15.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN027) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 49/ 0 RN/L = 3.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.603	.168	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	2.689	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	5.205	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	7.722	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	10.182	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	12.685	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	15.191	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 120/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.798	.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	2.601	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	5.087	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	8.067	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	10.054	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	12.085	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	15.085	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 48/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.269	.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.273	2.636	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.113	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.269	7.618	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.270	10.130	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	12.666	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.267	15.131	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 53/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.600	.183	-999.00000	-999.00000	-999.00000	-999.00000	.00049	-999.00000
.600	2.692	-999.00000	-999.00000	-999.00000	-999.00000	.00224	-999.00000
.602	5.203	-999.00000	-999.00000	-999.00000	-999.00000	.00158	-999.00000
.601	8.201	-999.00000	-999.00000	-999.00000	-999.00000	-.00190	-999.00000
.601	10.205	-999.00000	-999.00000	-999.00000	-999.00000	-.00649	-999.00000
.600	12.207	-999.00000	-999.00000	-999.00000	-999.00000	-.01378	-999.00000
.599	15.208	-999.00000	-999.00000	-999.00000	-999.00000	-.02928	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00070	.00000

RUN NO. 117/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.802	.081	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.805	2.581	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	5.077	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.798	8.072	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	10.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	12.074	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	15.092	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00001	.00001	.00001	.00001	.00001	.00001

RUN NO. 116/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.899	2.571	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	5.082	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	8.051	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	10.061	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	12.067	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	15.097	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(0A270A) 39-0 ORB. (UKN029) (31 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 58/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.249	.091	-999.00000	-999.00000	-999.00000	-999.00000	-.07007	-999.00000
1.252	2.596	-999.00000	-999.00000	-999.00000	-999.00000	-.09028	-999.00000
1.252	5.143	-999.00000	-999.00000	-999.00000	-999.00000	-.11726	-999.00000
1.251	8.103	-999.00000	-999.00000	-999.00000	-999.00000	-.14961	-999.00000
1.249	10.094	-999.00000	-999.00000	-999.00000	-999.00000	-.17413	-999.00000
1.249	12.089	-999.00000	-999.00000	-999.00000	-999.00000	-.20244	-999.00000
1.250	15.130	-999.00000	-999.00000	-999.00000	-999.00000	-.24568	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00807	.00000

LARC 16FT TWT 326(0A270A) 39-0 ORB. (UKN031) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 129/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	.134	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	2.647	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	5.156	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	8.148	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	10.146	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	12.137	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	15.133	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	.000
PHI =	.000		

RUN NO. 125/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.951	.123	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.954	2.647	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.953	5.138	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	8.138	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	10.169	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.948	12.149	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	15.129	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 124/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.979	.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	2.647	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	5.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.978	8.148	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	10.150	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	12.134	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	15.143	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 121/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.251	.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.253	2.632	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.252	5.149	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	8.142	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.249	10.157	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.246	12.142	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.237	15.126	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN032) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 128/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.903	.143	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.903	2.653	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	5.133	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	8.140	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	10.135	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	12.109	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	15.134	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001

RUN NO. 126/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.951	.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	2.640	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	5.139	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	8.149	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	10.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.947	12.155	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	15.151	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001

RUN NO. 123/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.979	.134	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	2.654	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	5.132	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	8.118	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	10.159	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	12.142	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	15.124	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	-.00001	-.00001

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN032) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO				
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO				
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO				
SCALE =	.0500						

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000		
AILRON =	.000	BDFLAP =	.000		
SPDBRK =	55.000	RUDDER =	5.000		
PHI =	.000				

RUN NO. 122/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.251	.131	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.251	2.629	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.251	5.140	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.249	8.136	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.248	10.147	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.246	12.132	-999.00000	-999.00000	-999.00000	-939.00000	-999.00000	-999.00000
1.236	15.148	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO				
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO				
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO				
SCALE =	.0500						

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000		
AILRON =	.000	BDFLAP =	.000		
SPDBRK =	25.000	RUDDER =	.000		
PHI =	.000				

RUN NO. 51/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.599	-20.015	-999.00000	-999.00000	-999.00000	-999.00000	.03118	-999.00000
.600	-15.008	-999.00000	-999.00000	-999.00000	-999.00000	.02896	-999.00000
.600	-12.521	-999.00000	-999.00000	-999.00000	-999.00000	.02320	-999.00000
.600	-9.996	-999.00000	-999.00000	-999.00000	-999.00000	.02513	-999.00000
.601	-5.027	-999.00000	-999.00000	-999.00000	-999.00000	.01555	-999.00000
.602	-4.010	-999.00000	-999.00000	-999.00000	-999.00000	.01420	-999.00000
.601	-2.013	-999.00000	-999.00000	-999.00000	-999.00000	.00753	-999.00000
.601	-.999	-999.00000	-999.00000	-999.00000	-999.00000	.00896	-999.00000
.601	-.002	-999.00000	-999.00000	-999.00000	-999.00000	.00288	-999.00000
.600	1.964	-999.00000	-999.00000	-999.00000	-999.00000	-.00288	-999.00000
.601	4.000	-999.00000	-999.00000	-999.00000	-999.00000	-.00519	-999.00000
.600	5.002	-999.00000	-999.00000	-999.00000	-999.00000	-.00701	-999.00000
.601	9.994	-999.00000	-999.00000	-999.00000	-999.00000	-.02098	-999.00000
.601	12.514	-999.00000	-999.00000	-999.00000	-999.00000	-.02648	-999.00000
.599	15.001	-999.00000	-999.00000	-999.00000	-999.00000	-.02713	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00252	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN033) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 110/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.799	-20.035	.19362	.08284	.01886	.00919	.04710	.08956
.801	-15.023	.17294	.07263	.01712	.00850	.03894	.08342
.802	-12.521	.15957	.06642	.01570	.00752	.03477	.08834
.802	-10.025	.14008	.06019	.01397	.00679	.03430	.08110
.801	-5.252	.10643	.04713	.01136	.00516	.02523	.08008
.801	-4.027	.09813	.04013	.01047	.00401	.02256	.08259
.802	-2.007	.08094	.03335	.00785	.00218	.01796	.07766
.801	-1.022	.07476	.02970	.00650	.00132	.01416	.07946
.800	-.015	.06693	.02617	.00508	.00010	.01221	.08163
.800	1.992	.05320	.01795	.00238	-.00174	.00504	.07711
.799	4.014	.04242	.01006	.00122	-.00254	.00256	.07935
.801	5.009	.03722	.00655	.00071	-.00294	.00167	.07760
.800	10.018	.00449	-.01906	-.00131	-.00410	-.01270	.07709
.800	12.526	-.02039	-.03543	-.00331	-.00446	-.01824	.07556
.801	15.014	-.04705	-.05183	-.00309	-.00457	-.02165	.07671
	GRADIENT	-.00692	-.00377	-.00119	-.00085	-.00262	-.00034

RUN NO. 103/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	-20.040	.31938	.07307	.02755	-.00205	.00607	.21032
1.052	-15.025	.29199	.06552	.02333	-.00275	.00874	.20204
1.050	-12.522	.27983	.06334	.02049	-.00275	.00860	.19576
1.053	-10.009	.25221	.06065	.01685	-.00291	-.00435	.16218
1.051	-5.009	.15678	.03544	.00861	-.00366	-.02613	.14305
1.050	-4.015	.13939	.02964	.00775	-.00375	-.03577	.14610
1.051	-2.011	.10311	.01676	.00616	-.00411	-.04941	.14460
1.051	-1.002	.08635	.01018	.00552	-.00408	-.05893	.14500
1.051	.002	.06807	.00378	.00493	-.00429	-.06844	.14613
1.050	2.002	.03471	-.01086	.00405	-.00456	-.08463	.14607
1.050	4.016	.00416	-.02349	.00327	-.00466	-.10219	.14992
1.049	5.010	-.01134	-.02841	.00295	-.00473	-.11162	.15175
1.049	10.022	-.03204	-.06166	.00110	-.00596	-.14680	.15322
1.050	12.519	-.12520	-.07701	.00008	-.00641	-.15139	.15524
1.050	15.030	-.15959	-.09372	-.00047	-.00640	-.14942	.15190
	GRADIENT	-.01687	-.00668	-.00055	-.00011	-.00839	.00048

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 39/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.099	-20.046	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-15.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-12.509	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-9.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-5.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-4.033	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-2.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	1.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	4.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	5.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	9.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	12.511	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.099	15.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.201	-20.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-15.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-12.519	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-10.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-5.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-4.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	-2.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-1.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	2.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	3.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.031	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	10.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	12.513	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	15.040	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 52/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.272	-20.044	-999.00000	-999.00000	-999.00000	-999.00000	-.10382	-999.00000
1.269	-15.023	-999.00000	-999.00000	-999.00000	-999.00000	-.08606	-999.00000
1.269	-12.495	-999.00000	-999.00000	-999.00000	-999.00000	-.09163	-999.00000
1.270	-10.004	-999.00000	-999.00000	-999.00000	-999.00000	-.09580	-999.00000
1.270	-5.003	-999.00000	-999.00000	-999.00000	-999.00000	-.11332	-999.00000
1.270	-4.029	-999.00000	-999.00000	-999.00000	-999.00000	-.11461	-999.00000
1.270	-2.012	-999.00000	-999.00000	-999.00000	-999.00000	-.12113	-999.00000
1.270	-1.004	-999.00000	-999.00000	-999.00000	-999.00000	-.12586	-999.00000
1.269	-.007	-999.00000	-999.00000	-999.00000	-999.00000	-.13270	-999.00000
1.270	1.999	-999.00000	-999.00000	-999.00000	-999.00000	-.15100	-999.00000
1.270	3.996	-999.00000	-999.00000	-999.00000	-999.00000	-.16952	-999.00000
1.272	5.018	-999.00000	-999.00000	-999.00000	-999.00000	-.17873	-999.00000
1.271	10.007	-999.00000	-999.00000	-999.00000	-999.00000	-.23262	-999.00000
1.272	12.498	-999.00000	-999.00000	-999.00000	-999.00000	-.25401	-999.00000
1.272	15.030	-999.00000	-999.00000	-999.00000	-999.00000	-.25717	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00706	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN034) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.602	-20.030	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-15.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-12.498	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	-9.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-5.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-4.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-1.979	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	1.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	4.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	5.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	10.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	12.503	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	15.038	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.801	-19.979	-999.00000	-999.00000	-999.00000	-999.00000	.03974	-999.00000
.801	-15.027	-999.00000	-999.00000	-999.00000	-999.00000	.03208	-999.00000
.801	-12.511	-999.00000	-999.00000	-999.00000	-999.00000	.02867	-999.00000
.800	-10.014	-999.00000	-999.00000	-999.00000	-999.00000	.02372	-999.00000
.801	-4.962	-999.00000	-999.00000	-999.00000	-999.00000	.01847	-999.00000
.803	-3.990	-999.00000	-999.00000	-999.00000	-999.00000	.01523	-999.00000
.801	-1.981	-999.00000	-999.00000	-999.00000	-999.00000	.01026	-999.00000
.802	-1.002	-999.00000	-999.00000	-999.00000	-999.00000	.00765	-999.00000
.802	-.022	-999.00000	-999.00000	-999.00000	-999.00000	.00482	-999.00000
.799	1.981	-999.00000	-999.00000	-999.00000	-999.00000	-.00163	-999.00000
.800	3.982	-999.00000	-999.00000	-999.00000	-999.00000	-.00636	-999.00000
.800	5.019	-999.00000	-999.00000	-999.00000	-999.00000	-.00776	-999.00000
.801	10.003	-999.00000	-999.00000	-999.00000	-999.00000	-.01958	-999.00000
.800	12.530	-999.00000	-999.00000	-999.00000	-999.00000	-.02751	-999.00000
.800	15.024	-999.00000	-999.00000	-999.00000	-999.00000	-.03146	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00279	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN034) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 37/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.052	-20.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-15.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-12.524	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-9.767	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-5.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-4.041	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-1.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	4.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	5.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	10.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	12.499	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	15.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.270	-20.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-15.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-12.536	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-9.991	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-5.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	-4.028	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-2.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-1.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	-.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	1.991	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.272	3.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	10.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	12.509	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.271	15.037	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 98/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.802	-20.030	.19303	.08201	.01866	.00896	.04501	.08980
.801	-15.023	.17235	.07229	.01713	.00833	.03919	.08394
.801	-12.528	.15790	.06505	.01527	.00741	.03855	.08537
.799	-10.033	.13986	.06000	.01457	.00678	.03108	.08436
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 88/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	-20.034	.31789	.07243	.02722	-.00233	.00411	.21245
1.050	-15.013	.29039	.06535	.02346	-.00280	.01095	.20202
1.051	-12.525	.27866	.06213	.02023	-.00284	.00633	.18903
1.052	-10.021	.25104	.06056	.01685	-.00295	-.00243	.16183
1.049	-5.016	.15727	.03504	.00850	-.00366	-.02667	.14455
1.050	-4.022	.13912	.02965	.00773	-.00385	-.02948	.14395
1.051	-2.005	.10269	.01613	.00608	-.00415	-.04889	.14458
1.051	-1.023	.08639	.01029	.00550	-.00428	-.05527	.14548
1.051	.001	.06782	.00374	.00483	-.00450	-.06377	.14463
1.051	2.000	.03548	-.01012	.00407	-.00462	-.08359	.14871
1.051	4.031	.00499	-.02359	.00318	-.00467	-.09690	.14862
1.051	5.020	-.01057	-.02860	.00283	-.00478	-.10729	.14673
1.050	10.024	-.09167	-.06170	00095	-.00599	-.14743	.15159
1.051	12.522	-.12371	-.07672	.00005	-.00640	-.14835	.15398
1.050	15.018	-.15790	-.09360	-.00041	-.00635	-.14604	.15175
	GRADIENT	-.01667	-.00661	-.00055	-.00010	-.00844	.00067

LARC 16FT TWT 326(0A270A) 39-0 ORB. (UKN036) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 76/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.802	-20.025	-999.00000	-999.00000	-999.00000	-999.00000	.04510	-999.00000
.802	-15.019	-999.00000	-999.00000	-999.00000	-999.00000	.04094	-999.00000
.802	-12.509	-999.00000	-999.00000	-999.00000	-999.00000	.03402	-999.00000
.801	-10.036	-999.00000	-999.00000	-999.00000	-999.00000	.03259	-999.00000
.801	-5.012	-999.00000	-999.00000	-999.00000	-999.00000	.02461	-999.00000
.802	-3.995	-999.00000	-999.00000	-999.00000	-999.00000	.02180	-999.00000
.800	-2.005	-999.00000	-999.00000	-999.00000	-999.00000	.01720	-999.00000
.801	-1.017	-999.00000	-999.00000	-999.00000	-999.00000	.01582	-999.00000
.801	.001	-999.00000	-999.00000	-999.00000	-999.00000	.01017	-999.00000
.801	1.990	-999.00000	-999.00000	-999.00000	-999.00000	.00411	-999.00000
.800	3.762	-999.00000	-999.00000	-999.00000	-999.00000	.00138	-999.00000
.799	4.984	-999.00000	-999.00000	-999.00000	-999.00000	-.00028	-999.00000
.802	10.015	-999.00000	-999.00000	-999.00000	-999.00000	-.01261	-999.00000
.801	12.508	-999.00000	-999.00000	-999.00000	-999.00000	-.02036	-999.00000
.800	15.014	-999.00000	-999.00000	-999.00000	-999.00000	-.02199	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00263	.00000

RUN NO. 69/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.051	-20.026	-999.00000	-999.00000	-999.00000	-999.00000	.00565	-999.00000
1.050	-15.021	-999.00000	-999.00000	-999.00000	-999.00000	.01192	-999.00000
1.051	-12.511	-999.00000	-999.00000	-999.00000	-999.00000	.00529	-999.00000
1.051	-10.007	-999.00000	-999.00000	-999.00000	-999.00000	.00215	-999.00000
1.049	-5.006	-999.00000	-999.00000	-999.00000	-999.00000	-.02526	-999.00000
1.051	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-.03145	-999.00000
1.051	-2.026	-999.00000	-999.00000	-999.00000	-999.00000	-.04775	-999.00000
1.051	-1.022	-999.00000	-999.00000	-999.00000	-999.00000	-.05490	-999.00000
1.050	.003	-999.00000	-999.00000	-999.00000	-999.00000	-.06367	-999.00000
1.051	1.998	-999.00000	-999.00000	-999.00000	-999.00000	-.08441	-999.00000
1.050	4.003	-999.00000	-999.00000	-999.00000	-999.00000	-.09772	-999.00000
1.051	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-.11063	-999.00000
1.051	10.026	-999.00000	-999.00000	-999.00000	-999.00000	-.15212	-999.00000
1.050	12.526	-999.00000	-999.00000	-999.00000	-999.00000	-.14821	-999.00000
1.052	15.024	-999.00000	-999.00000	-999.00000	-999.00000	-.14404	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00846	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN1037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 30/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.600	-20.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	-15.037	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	-12.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-10.030	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-5.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-4.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	-2.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	-1.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.602	-.022	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	2.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	3.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	4.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.599	9.963	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.598	12.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	14.974	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 28/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.799	-19.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-15.038	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-12.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	-10.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-5.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-4.028	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-1.966	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	-.933	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	-.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	2.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	3.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	4.978	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	9.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	11.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.799	14.962	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 26/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	-20.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-15.043	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	-12.029	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	-10.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.904	-5.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	-1.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	-.027	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	1.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	3.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.898	9.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	12.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.899	14.957	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

RUN NO. 24/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.950	-20.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	-15.040	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.952	-11.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-10.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	-5.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-4.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-1.968	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	-1.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	-.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	2.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	3.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	4.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	9.983	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	11.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.950	14.967	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6200 IN.	XO
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO
SCALE =	.0500			

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 22/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.977	-20.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-15.038	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	-12.249	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-10.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	-5.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	-2.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-2.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	-.031	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.978	2.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.977	3.985	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.979	4.981	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	9.975	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.977	12.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	14.967	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	-20.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-15.030	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	-12.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-10.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	-5.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.052	-4.023	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	2.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.049	3.994	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	4.933	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	9.974	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	12.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	14.956	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 18/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.099	-20.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-15.027	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-12.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-10.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-5.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-4.025	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-2.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	-.985	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-.019	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	2.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	3.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	4.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	9.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.100	11.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.098	14.965	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 16/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.200	-20.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-15.283	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-11.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-10.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.201	-5.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-4.039	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.202	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	-1.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	-.024	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	1.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	3.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.200	5.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	9.987	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	11.998	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.199	14.962	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 14/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.281	-20.040	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-14.849	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-12.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-9.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.280	-1.987	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-.977	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.280	1.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	3.988	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	9.782	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN038) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 29/ 0 RN/L = 3.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.606	-5.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.603	-4.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-2.999	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-1.984	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.600	-.992	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	2.037	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	4.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.601	5.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

OA270A TABULATED FORCE DATA

LARC 16FT TWT 326(OA270A) 39-0 ORB.

(UKN038) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1070.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000		
BETA =	.000	BDFLAP =	.000		
SPDBRK =	25.000	RUDDER =	.000		
PHI =	.000				

RUN NO. 27/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.803	-5.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-4.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	-3.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.800	-1.986	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-1.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.802	-.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	1.984	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.801	4.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.803	5.005	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

RUN NO. 25/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.901	-5.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-4.026	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	-3.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	-.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.900	1.068	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	2.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.901	4.024	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.902	4.997	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.951	-5.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-4.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-2.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	-.002	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	2.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.949	3.984	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.951	4.943	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 21/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.980	-5.018	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	-4.015	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-3.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	-1.991	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.983	-1.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.982	2.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.981	4.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.980	4.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

RUN NO. 19/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.049	-5.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-4.011	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-3.000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.985	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	-1.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	.004	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	2.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.050	4.010	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.051	5.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.100	-5.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	999.00000
1.101	-4.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-3.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	-1.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.101	-1.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.103	2.036	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.103	4.014	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.102	4.983	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN038) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 13/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
1.282	-5.028	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.283	-4.017	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-2.992	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-1.989	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	-1.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.281	-.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.282	2.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.283	3.990	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
1.280	5.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN039) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
BETA = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 127/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.919	-5.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.919	-4.016	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.921	-3.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	-1.995	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.923	-1.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.921	.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	2.021	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	4.009	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.921	4.996	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN040) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.921	-5.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.921	-4.013	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	-3.003	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.921	-1.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	-1.008	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	.007	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.920	2.012	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.922	4.006	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
.921	4.993	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA27OA) 39-O ORB. (UKN041) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 4/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
.156	.601	.04969	.02401	.00476	.00087	-.00830	.06660
.173	.602	.04956	.02382	.00474	.00138	-.00908	.06916
.129	.701	.05234	.02571	.00497	.00106	-.00544	.06833
.097	.800	.05492	.02777	.00541	.00145	-.00144	.07852
.100	.850	.05564	.02959	.00563	.00208	-.00260	.08899
.106	.901	.06028	.03259	.00234	.00230	-.02353	.10157
.106	.922	.04072	.03314	.00398	.00120	-.04919	.09677
.104	.951	.05443	.04998	.00503	.00117	.00248	.08818
.091	.960	.05724	.05006	.00540	.00125	.01064	.10517
.100	.980	.06516	.04977	.00570	.00135	.00628	.12788
.098	1.000	.06396	.04827	.00589	.00140	-.02559	.15178
.100	1.021	.06925	.04640	.00679	.00129	-.02561	.16503
.109	1.119	.06028	.03917	.00671	.00192	-.10160	.16887
.090	1.149	.07537	.03270	.00843	-.00113	-.07892	.15974
.096	1.200	.07090	.01683	.00845	-.00356	-.03743	.14631
.125	1.281	.11570	.00646	.00553	-.00333	-.26870	.13610
	GRADIENT	.06226	-.00011	.00429	-.00542	-.22088	.15648

RUN NO. 7/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.197	.602	.04699	.02059	.00549	.00062	-.00377	.06917
5.126	.702	.05045	.02299	.00600	.00100	-.00336	.06937
5.131	.801	.05579	.02566	.00701	.00109	.00197	.07365
5.097	.851	.05984	.02552	.00748	.00020	.00584	.08562
5.138	.900	.07536	.03409	.00360	-.00164	-.00373	.09204
5.107	.921	.08047	.02962	.00498	-.00175	-.02069	.07262
5.110	.951	.06813	.02460	.00475	-.00390	.00725	.04218
5.120	.960	.06799	.02397	.00521	-.00417	.00626	.04940
5.120	.980	.06779	.02386	.00520	-.00427	-.00847	.07915
5.121	1.002	.06938	.02185	.00589	-.00402	-.05127	.11098
5.122	1.022	.06183	.01157	.00648	-.00474	-.06870	.12822
5.115	1.043	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.119	1.070	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.107	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	1.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	1.149	.05366	-.00236	.00496	-.00335	-.10729	.14826
5.092	1.199	.04035	-.00957	.00429	-.00555	-.07868	.11927
5.101	1.252	.03388	-.01240	.00448	-.00621	-.12552	.14826
5.128	1.279	.03028	-.01485	.00420	-.00618	-.13815	.14984
	GRADIENT	-633.45647	-633.46330	-633.39766	-633.40102	-633.57464	-633.32328

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN041) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 11/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
10.185	.600	.03564	.00784	.00476	-.00025	-.01024	.06597
10.145	.701	.03974	.00792	.00521	-.00226	-.00790	.06615
10.118	.800	.04281	-.00052	.00441	-.00468	-.00309	.07240
10.119	.852	.05339	.01172	.00289	-.00372	.00516	.07842
10.109	.901	.07132	.00567	.00106	-.00361	.00525	.07488
10.131	.920	.06758	-.00098	.00100	-.00436	.01398	.07812
10.103	.951	.06847	-.01644	.00307	-.00664	.00357	.03273
10.094	.959	.06706	-.01811	.00315	-.00719	-.00364	.03540
10.135	.981	.05788	-.02155	.00322	-.00773	-.02657	.04620
10.112	1.001	.05269	-.02354	.00353	-.00745	-.07342	.07840
10.095	1.020	.04311	-.02680	.00399	-.00717	-.10623	.10748
10.110	1.152	.01758	-.03164	.00212	-.00567	-.13757	.12816
10.125	1.200	.00046	-.04097	.00108	-.00683	-.12508	.10258
10.077	1.249	-.00977	-.03975	.00072	-.00759	-.18207	.13833
	GRADIENT	-.07139	-.09178	-.00581	-.01035	-.28803	.10236

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN042) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 9/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.067	.600	.03000	.00943	.00300	-.00090	-.00723	.06947
5.125	.700	.03285	.01148	.00319	-.00080	-.00589	.06614
5.070	.803	.03693	.01428	.00332	-.00118	-.00055	.07347
5.101	.852	.04104	.01367	.00249	-.00218	.00377	.08464
5.088	.902	.05082	.01385	.00194	-.00197	-.00493	.08938
5.103	.921	.04640	.01010	.00250	-.00214	-.01699	.06411
5.089	.950	.03293	.00305	.00317	-.00436	.02546	.04032
5.099	.961	.02798	.00258	.00303	-.00490	.01935	.05531
5.108	.981	.02254	.00151	.00355	-.00492	-.00636	.08048
5.089	1.001	.02235	.00058	.00444	-.00510	-.04695	.11028
5.097	1.020	.01539	-.01017	.00514	-.00473	-.07172	.13171
5.119	1.051	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	1.070	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.104	1.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.125	1.150	.01184	-.01532	.00350	-.00383	-.10095	.14081
5.085	1.198	.00095	-.02687	.00352	-.00631	-.08062	.11924
5.097	1.253	-.00299	-.03111	.00371	-.00652	-.13249	.14848
5.127	1.281	-.00544	-.03200	.00350	-.00643	-.14681	.14969
	GRADIENT	-631.08724	-631.07646	-631.00823	-631.01349	-631.19398	-630.93793

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN043) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 10/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.168	.600	.04714	.02082	.00551	.00069	-.00452	.09938
5.128	.699	.05016	.02280	.00598	.00108	-.00153	.09833
5.129	.801	.05569	.02505	.00691	.00110	.00140	.10585
5.103	.853	.06062	.02663	.00752	-.00012	.00666	.11963
5.115	.900	.07479	.03378	.00376	-.00157	-.00385	.13640
5.105	.919	.08027	.03032	.00488	-.00176	-.02122	.12709
5.083	.951	.06803	.02541	.00482	-.00388	.00673	.09105
5.100	.961	.06868	.02431	.00509	-.00402	.00549	.10502
5.111	.979	.06671	.02339	.00526	-.00388	-.01236	.13864
5.092	1.000	.06865	.02192	.00583	-.00420	-.05072	.17981
5.096	1.020	.06375	.01208	.00630	-.00467	-.07365	.19773
5.117	1.049	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.109	1.070	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.117	1.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.120	1.151	.05080	-.00339	.00486	-.00523	-.10307	.21867
5.083	1.199	.04024	-.00949	.00446	-.00547	-.07778	.18637
5.098	1.252	.03329	-.01269	.00436	-.00617	-.12964	.20045
5.129	1.280	.02857	-.01548	.00420	-.00612	-.14236	.19963
	GRADIENT	-631.11657	-631.12244	-631.05610	-631.05917	-631.23506	-630.96545

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN044) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 300/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.130	.649	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	.699	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.122	.749	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.074	.851	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.091	.921	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.093	.959	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.083	1.001	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.078	1.020	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.088	1.073	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.091	1.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.073	1.150	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.071	1.250	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN045) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 5/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.200	.600	.08077	.03619	.01067	.00431	.01024	.07143
5.109	.699	.08375	.03756	.01166	.00492	.00816	.06967
5.092	.802	.09427	.04360	.01315	.00581	.01512	.07707
5.104	852	.10124	.04118	.01348	.00333	.01675	.08570
5.144	.903	.12456	.03695	.01228	-.00054	-.00104	.09758
5.123	.922	.14204	.04885	.01184	-.00107	.00262	.08680
5.129	.953	.16449	.05942	.01068	-.00206	.07243	.06282
5.140	.960	.16201	.05846	.01032	-.00238	.06786	.07226
5.103	.981	.15758	.05650	.01020	-.00244	.04835	.09754
5.089	.998	.15861	.05659	.01126	-.00227	.01493	.12249
5.096	1.019	.14490	.04529	.01044	-.00302	-.02065	.12970
5.120	1.051	-999.00000	-999.00000	-999.00000	-999.00000	-.03333	-999.00000
5.106	1.052	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.073	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.108	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.135	1.102	-999.00000	-999.00000	-999.00000	-999.00000	-.06411	-999.00000
5.111	1.119	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.121	1.151	-999.00000	-999.00000	-999.00000	-999.00000	-.06253	-999.00000
5.116	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.200	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.114	1.252	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.115	1.263	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.069	1.280	.08469	.00760	.00730	-.00375	-.11519	.15102
5.095	1.282	.08566	.00634	.00643	-.00411	-.11622	.15078
	GRADIENT	-1595.19540	-1595.10565	-1595.03644	-1595.02394	-1309.76515	-1595.09026

LARC 16FT TWT 326(OA270A) 39-0 ORB.

(UKN046) (08 AUG 78)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1076.6800 IN. XO
LREF	=	474.8100 INCHES	YMRP	=	.0000 IN. YO
BREF	=	936.6800 INCHES	ZMRP	=	375.0000 IN. ZO
SCALE	=	.0500			

PARAMETRIC DATA

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

RUN NO. 6/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.202	.601	.04490	.01982	.00526	.00057	-.00501	.06881
5.110	.699	.04807	.02198	.00551	.00074	-.00666	.06862
5.128	.802	.05257	.02400	.00613	.00077	-.00039	.07521
5.100	.851	.05538	.02324	.00637	-.00055	.00419	.08363
5.139	.900	.06904	.03009	.00294	-.00146	-.00442	.09249
5.109	.920	.06900	.02637	.00454	-.00166	-.02376	.06529
5.116	.951	.06049	.02183	.00432	-.00408	.00146	.04009
5.127	.960	.06017	.02120	.00480	-.00416	-.00243	.04950
5.124	.979	.05910	.02196	.00490	-.00406	-.01344	.07778
5.141	.999	.06001	.02032	.00539	-.00407	-.05191	.10912
5.124	1.020	.05262	.01101	.00612	-.00461	-.07768	.13248
5.110	1.050	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.105	1.071	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.141	1.101	-999.00000	-999.00000	-999.00000	-999.00000	-.10151	-999.00000
5.107	1.122	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.134	1.151	-999.00000	-999.00000	-999.00000	-999.00000	-.09188	-999.00000
5.119	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.100	1.199	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.123	1.201	-999.00000	-999.00000	-999.00000	-999.00000	-.06625	-999.00000
5.129	1.251	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.134	1.253	-999.00000	-999.00000	-999.00000	-999.00000	-.11270	-999.00000
5.112	1.262	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.086	1.282	.01971	-.01358	.00470	-.00614	-.14030	.15152
	GRADIENT	-1946.22134	-1946.16167	-1946.11600	-1946.10658	-1175.44659	-1946.21974

LARC 16FT TWT 326(OA270A) 39-0 ORB. (UKN047) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 8/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CHEI	CHEO	CHFDI	CHFDO	CHBF	CHSB
5.223	.602	.02194	.00273	.00234	-.00138	-.01612	.06674
5.172	.699	.02370	.00397	.00218	-.00119	-.01489	.06699
5.134	.798	.02650	.00677	.00201	-.00142	-.01070	.07380
5.153	.849	.02959	.00506	.00047	-.00262	-.00712	.08290
5.115	.899	.03754	.00705	.00049	-.00219	-.00009	.08649
5.107	.922	.03271	.00006	.00124	-.00285	-.01625	.05849
5.122	.951	.00660	-.00685	.00246	-.00433	-.02306	.03510
5.109	.960	.00154	-.00816	.00277	-.00475	-.03110	.04652
5.144	.980	-.00614	-.01096	.00329	-.00468	-.05479	.07913
5.112	1.001	.00146	-.01009	.00420	-.00471	-.08730	.11328
5.141	1.020	-.01360	-.02255	.00457	-.00458	-.11722	.13672
5.127	1.050	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.135	1.051	-999.00000	-999.00000	-999.00000	-999.00000	-.10738	-999.00000
5.104	1.071	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.129	1.100	-999.00000	-999.00000	-999.00000	-999.00000	-.14060	-999.00000
5.104	1.101	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.117	1.120	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.111	1.152	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.127	1.153	-999.00000	-999.00000	-999.00000	-999.00000	-.11963	-999.00000
5.105	1.201	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.106	1.251	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.114	1.252	-999.00000	-999.00000	-999.00000	-999.00000	-.15273	-999.00000
5.112	1.262	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
5.101	1.264	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000	-999.00000
	GRADIENT	-2315.60175	-2315.55423	-2315.55353	-2315.54391	-1698.89870	-2315.71072

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN001) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 138/ 0 RN/L = 3.07 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.602	-1.135	-.03423	-.00584	-.06518	-.03294	-.00965	-.00710	-.02871	.02034
.604	-.148	-.03316	.03495	-.02780	-.02357	-.00890	-.00823	-.01713	.00856
.604	.345	-.03084	.04680	-.03464	-.02959	-.01098	-.01032	-.02138	.01073
.600	.857	-.03655	.03920	-.03024	-.03427	-.01083	-.00919	-.02113	.01112
.600	1.349	-.02567	.07050	.03436	-.03277	-.01113	-.00968	-.00480	-.00560
.599	1.862	-.03584	.02036	-.07521	-.03243	-.01261	-.01032	-.03264	.02118
.601	2.854	-.03120	.05971	-.06549	-.02959	-.00905	-.01097	-.02877	.01876
	GRADIENT	.00056	.01217	-.00139	-.00036	-.00025	-.00090	-.00072	.00015

RUN NO. 137/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.802	-1.065	-.03102	.04482	-.05029	-.00719	.01089	.00965	-.00924	.01950
.803	-.058	-.03281	.03783	-.06305	-.03294	.01721	.01232	-.01662	.03138
.804	.440	-.03334	.05379	-.03327	-.03009	.01774	.01232	-.00833	.02336
.800	.952	-.03530	.03631	-.02340	-.03477	.01563	.01276	-.00745	.02164
.801	1.425	-.01890	.05303	.05340	-.02541	.01826	.01454	.01520	.00120
.801	1.933	-.02247	-.00410	.05068	-.02591	.01721	.01380	.01394	.00156
.799	2.936	-.02942	.00091	-.05333	-.02474	.01826	.01380	-.01150	.02753
	GRADIENT	.00196	-.01242	.01429	-.00248	.00143	.00104	.00357	-.00233

RUN NO. 136/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.900	-1.084	-.03637	.03935	-.04482	-.01839	.02459	.05105	.00310	.03471
.903	-.069	-.03655	.02401	-.02082	-.02759	.02915	.04926	.00750	.03170
.904	.432	-.02496	.02674	.04915	-.01973	.02827	.05075	.02711	.01240
.901	.969	-.02799	.01687	.05834	-.02157	.02827	.05075	.02895	.01056
.900	1.451	-.04333	.03267	-.04361	-.01873	.04338	.04348	.00613	.03730
.900	1.951	-.03191	.04300	-.00836	-.01822	.03020	.05001	.01341	.02670
.900	2.918	-.03263	.01413	-.06549	-.02173	.01475	-.00484	-.01933	.02428
	GRADIENT	.00029	-.00270	-.00681	.00031	-.00099	-.01075	-.00456	-.00131

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN00!) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 135/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.951	-1.081	-.04012	.02796	-.03935	-.02257	.01774	.02448	-.00493	.02604
.949	-.080	-.03762	.03054	-.00623	-.02642	.01774	.02537	.00262	.01894
.949	.439	-.03049	.05789	.04915	-.02658	.01739	.02226	.01555	.00427
.949	.931	-.04136	.04057	-.04558	-.02491	.01739	.02359	-.00738	.02787
.950	1.434	-.03459	.04786	-.00608	-.02842	.01739	.02270	.00140	.01865
.950	1.934	-.02710	.03130	.01718	-.01856	.00439	.02404	.00676	.00745
.948	2.912	-.04083	.02492	-.05698	-.02775	-.00772	.02226	-.01755	.02482
	GRADIENT	.00069	-.00093	-.00360	-.00032	-.00610	-.00053	-.00264	-.00068

RUN NO. 134/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.981	-1.077	-.05456	.02765	-.00593	-.01304	.00790	.02508	.00350	.01299
.980	-.049	-.04493	.02644	-.00623	-.03110	-.01306	.02834	-.00551	.01315
.979	.416	-.04600	.02127	-.00881	-.02976	-.01588	.02849	-.00649	.01280
.979	.966	-.03673	.04042	.00136	-.03043	-.01054	.02745	-.00304	.01150
.982	1.431	-.04172	.02036	-.05576	-.02090	-.00786	.02908	-.01386	.02447
.981	1.951	-.04083	.03130	-.02720	-.00836	-.01083	.02760	-.00470	.01308
.980	2.948	-.03726	.02872	-.03783	-.00518	-.01024	.02715	-.00652	.01498
	GRADIENT	.00389	.00067	-.01017	.00404	-.00285	.00035	-.00216	.00091

RUN NO. 133/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.049	-1.063	-.04315	-.01435	.05460	-.02157	.01229	-.01629	.00726	-.00926
1.050	-.068	-.04386	.02188	.05970	-.01689	.00053	-.02097	.00559	-.01581
1.052	.452	-.04582	.04725	.06803	-.01939	-.00341	-.02129	.00598	-.01834
1.050	.950	-.04457	.00760	.03334	-.01772	-.00831	-.02661	-.00483	-.01263
1.050	1.455	-.04350	.04649	.03487	-.01806	-.00965	.02493	.00802	-.00038
1.050	1.932	-.04511	.01276	.02738	-.03962	-.01202	.02463	.00009	.00621
1.048	2.948	-.04208	.00957	.03572	-.02006	.01071	.02523	.01290	.00507
	GRADIENT	.00019	.00370	-.00822	-.00178	-.00179	.01440	.00065	.00565

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = 180.000

RUN NO. 132/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.101	-1.059	-.04493	.02294	.02602	-.01956	-.00683	-.00113	-.00037	-.00360
1.101	-.077	-.04333	.04421	.03470	-.01204	-.01083	-.00677	.00126	-.01007
1.100	.454	-.04350	.03890	.04320	-.01003	-.01083	-.03500	-.00317	-.01975
1.101	.941	-.04493	-.00852	.10205	-.03143	-.02330	.00059	.01198	-.02333
1.100	1.437	-.04350	.02158	.00850	-.01421	-.01499	.00653	-.00354	-.00069
1.100	1.955	-.04386	.02750	.01310	-.02123	.01089	-.00081	.00049	.00455
1.099	2.939	-.04208	.04209	.03095	-.02541	-.00059	-.01581	-.00271	-.00549
	GRADIENT	.00049	.00121	-.00277	-.00218	.00308	-.00028	-.00054	.00194

RUN NO. 131/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.202	-1.075	-.05295	.01626	-.00805	.00249	.00176	.00920	.00135	.00413
1.202	-.052	-.04029	-.00284	.01174	-.00819	-.00994	-.00032	-.00168	-.00345
1.203	.433	-.04136	.04756	.04116	-.00518	-.00890	-.00774	.00483	-.01316
1.202	.951	-.04618	.04042	.00782	.00117	-.00920	-.01694	-.00429	-.00878
1.201	1.442	-.04226	.04285	.00102	-.02357	-.00727	-.02355	-.01334	-.00207
1.200	1.936	-.04226	.02142	.02075	-.03060	-.00045	.00564	-.00116	.00376
1.199	2.928	-.04475	.04634	.00952	-.03912	-.01692	.00074	-.01144	.00336
	GRADIENT	.00134	.00780	.00230	-.01092	-.00258	-.00184	-.00326	.00105

RUN NO. 130/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.250	-1.068	-.04832	.06776	-.01945	.00073	.04232	.03413	.01443	.02379
1.252	-.048	-.03976	.02932	.05664	-.02859	.03266	.02092	.02041	.00638
1.253	.437	-.03833	.03373	.05051	-.03377	.02142	.01217	.01258	.00421
1.253	.932	-.04671	.04269	-.04589	-.03143	.01352	.00475	-.01476	.02390
1.253	1.445	-.05670	.04968	-.00760	-.00033	-.00608	.03576	.00544	.00940
1.252	1.946	-.05153	.02507	-.02932	-.03611	-.00505	-.00871	-.01980	.01292
1.252	2.962	-.04154	.06138	.00255	-.02324	-.00519	.03517	.00232	.01267
	GRADIENT	-.00069	-.00085	-.00661	-.00366	-.01386	-.00146	-.00640	-.00126

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN002) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 73/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.952	.111	-.03566	.04768	-4.31469	-4.19624	-4.26067	-4.28985	-4.26536	-.00990
.952	2.612	-.04488	.03563	-4.37993	-4.19300	-4.24540	-4.44627	-4.31615	-.02969
.951	5.123	-.04888	.02646	-4.56939	-4.19774	-4.23998	-4.61028	-4.40435	-.02078
.951	8.132	-.06763	.01493	-5.01292	-4.19999	-4.25049	-5.00988	-4.61832	-.01186
.950	10.114	-.07132	.04296	-5.32608	-4.26613	-4.31765	-5.32985	-4.80993	-.01382
.950	12.125	-.07101	.03825	-5.49359	-4.67375	-4.69617	-5.51070	-5.09355	-.00988
.952	15.131	-.08392	.01965	-5.73938	-5.11226	-5.18897	-5.72533	-5.44149	-.01566
	GRADIENT	-.00369	-.00482	-.02609	.00130	.00611	-.06254	-.02031	-.00791

RUN NO. 67/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.053	.101	-.02582	.02148	-4.23784	-4.08866	-4.13246	-4.27250	-4.18286	-.01961
1.051	2.630	-.01783	.04322	-4.44663	-4.18102	-4.18673	-4.47311	-4.32187	-.00805
1.051	5.108	-.01199	.03248	-4.81249	-4.21746	-4.25626	-4.82011	-4.52658	-.01161
1.051	8.104	-.01014	.02724	-5.24719	-4.25915	-4.28543	-5.26834	-4.76502	-.01186
1.051	10.130	-.01076	.04008	-5.48721	-4.36673	-4.40142	-5.48403	-4.93485	-.00788
1.049	12.117	-.02705	.03406	-5.48509	-4.57016	-4.62867	-5.46687	-5.03770	-.01007
1.052	15.103	-.02152	.02436	-5.87047	-5.25402	-5.22841	-5.89034	-5.56081	.00143
	GRADIENT	.00316	.00860	-.08256	-.03652	-.02146	-.07932	-.05497	.00457

RUN NO. 54/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.271	.098	-.02551	.02855	-4.86638	-4.08317	-4.11177	-4.88192	-4.48581	-.01104
1.273	2.611	-.07470	.02462	-5.13886	-4.21871	-4.28712	-5.14610	-4.69770	-.01891
1.269	5.105	-.06333	.04113	-5.31243	-4.40841	-4.47774	-5.34067	-4.88481	-.02439
1.269	8.098	-.03996	-.00653	-5.57643	-4.63207	-4.68260	-5.55690	-5.11200	-.00775
1.269	10.100	-.06087	-.01224	-5.72087	-4.77460	-4.85388	-5.68177	-5.25778	-.01005
1.265	12.132	-.04181	.03851	-5.83982	-5.04267	-5.11283	-5.84572	-5.46026	-.01901
1.255	15.118	-.02736	.00838	-6.08388	-5.57162	-5.54621	-6.10762	-5.82733	.00042
	GRADIENT	-.01957	-.00156	-.10843	-.05394	-.06978	-.10513	-.08432	-.00313

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN003) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 93/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.950	.162	-.06056	.04977	-4.26515	-4.18152	-4.26982	-4.31397	-4.25762	-.03428
.951	2.683	-.05656	.03772	-4.38162	-4.18701	-4.27491	-4.39828	-4.31046	-.02614
.951	5.167	-.04703	.03877	-4.55489	-4.22969	-4.30001	-4.61543	-4.42501	-.03272
.952	8.162	-.04334	.03432	-4.99411	-4.18551	-4.23523	-5.01855	-4.60835	-.01854
.949	10.177	-.03381	.03667	-5.41196	-4.26638	-4.34851	-5.31797	-4.83621	.00297
.950	12.171	-.03289	.03615	-5.48145	-4.64580	-4.69854	-5.48693	-5.07818	-.01456
.951	15.174	-.03689	.03720	-5.77579	-5.12916	-5.19090	-5.74065	-5.45912	-.00665
	GRADIENT	.00159	-.00478	-.04620	-.00218	-.00202	-.03344	-.02096	.00323

RUN NO. 86/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.052	.143	-.11435	-.00082	-4.23542	-4.09640	-4.14467	-4.26382	-4.18508	-.01917
1.051	2.639	-.11097	.00419	-4.45098	-4.10738	-4.18266	-4.49507	-4.30902	-.02984
1.052	5.150	-.10452	.00105	-4.81321	-4.22520	-4.27220	-4.83611	-4.53668	-.01747
1.053	8.148	-.10544	.00393	-5.24840	-4.26189	-4.32477	-5.23243	-4.76687	-.01173
1.048	10.143	-.10329	.00026	-5.43381	-4.35974	-4.39532	-5.49644	-4.92133	-.02455
1.052	12.138	-.10452	.02017	-5.51392	-4.62159	-4.64258	-5.51862	-5.07417	-.00642
1.050	15.163	-.10267	-.00571	-5.89292	-5.17985	-5.22400	-5.88770	-5.54612	-.00973
	GRADIENT	.00135	.00201	-.08636	-.00440	-.01522	-.09265	-.04966	-.00427

RUN NO. 50/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.274	.139	-.00369	.04532	-5.35703	-4.44710	-4.39702	-5.33962	-4.88519	.01688
1.270	2.619	-.01045	.04270	-5.14310	-4.25415	-4.26813	-5.13501	-4.70010	-.00147
1.270	5.136	-.00799	.05396	-5.33276	-4.40642	-4.48384	-5.32114	-4.88604	-.01645
	GRADIENT	-.00273	-.00106	.08626	.07780	.05197	.08250	.07463	-.00740

LARC 16FT TWT 326(OA270A) 39-0 ORB.

(VKN004) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 106/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.952	.101	-.00031	.02934	-4.28472	-4.17727	-4.24574	-4.30394	-4.25292	-.02192
.952	2.631	-.00307	.03510	-4.35746	-4.22370	-4.24812	-4.40072	-4.30750	-.01692
.951	5.109	-.01076	.04219	-4.55682	-4.22170	-4.27288	-4.55823	-4.40241	-.01315
.953	8.124	.00000	.03746	-4.99532	-4.18801	-4.20640	-5.00906	-4.59970	-.00803
.951	10.127	-.01168	.01362	-5.30818	-4.28061	-4.32748	-5.32166	-4.80949	-.01509
.951	12.122	-.02060	.00314	-5.46354	-4.64804	-4.69210	-5.50594	-5.07741	-.02161
.951	15.125	-.02367	.00445	-5.76548	-5.16696	-5.17490	-5.69392	-5.45031	.01591
	GRADIENT	-.00109	.00228	-.02875	-.01835	-.00094	-.03825	-.02157	.00198

RUN NO. 101/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.052	.114	-.01875	.01022	-4.18758	-4.10988	-4.15586	-4.24810	-4.17535	-.02663
1.051	2.614	-.02152	.01205	-4.42899	-4.13534	-4.17553	-4.45847	-4.29958	-.01742
1.050	5.113	-.01783	.02751	-4.78639	-4.21197	-4.27593	-4.82309	-4.52434	-.02517
1.054	8.127	-.01445	.00550	-5.24142	-4.26014	-4.27864	-5.26966	-4.76247	-.01168
1.051	10.128	-.01414	.01310	-5.46415	-4.32479	-4.47917	-5.47928	-5.18685	-.29238
1.050	12.121	-.00553	.02855	-5.47872	-4.58739	-4.61714	-5.47294	-5.03905	-.00599
1.052	15.130	-.00707	.01441	-5.82920	-5.18615	-5.23503	-5.87371	-5.53102	-.02335
	GRADIENT	-.00111	.00073	-.09656	-.01018	-.00787	-.08415	-.04969	.00368

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 75/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.902	.098	-.03504	.01179	.38913	.53162	.52289	.42162	.46632	.00594
.903	2.601	.03530	.03563	.44250	.72161	.69245	.49121	.58694	.00489
.901	5.113	.02198	.04532	.38737	.80639	.84141	.38197	.60429	.00741
.900	8.119	.00397	.04060	.09149	.78368	.75633	.05296	.42112	-.01647
.902	10.127	-.01168	.03641	-.08488	.71707	.64915	-.10567	.29392	-.02218
.900	12.111	-.02674	.02489	-.24441	.35702	.37998	-.26418	.05710	.00080
.902	15.113	-.05257	.01205	-.54095	-.17353	-.12511	-.54477	-.34609	.01115
	GRADIENT	.02810	.00952	.02132	.07590	.06774	.02780	.04819	-.00042

RUN NO. 71/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.952	.105	-.01260	.03720	.00704	.00606	-.00665	.01586	.00558	-.00097
.952	2.622	-.01506	.03825	.51434	.58057	.59374	.53471	.55584	.00838
.952	5.116	-.01199	.03825	.24192	.71379	.65036	.26633	.46810	-.00976
.951	8.112	-.02244	.03432	-.11422	.88057	.85383	-.14627	.36848	-.01470
.950	10.130	-.02982	.01546	-.33243	.75542	.74150	-.37319	.19782	-.01367
.954	12.125	-.04857	.01991	-.52995	.31034	.19590	-.56479	-.14713	-.03732
.950	15.141	-.04457	.01650	-.83121	-.47764	-.44132	-.85206	-.65056	.00387
	GRADIENT	-.00098	.00042	.20155	.22825	.23853	.20614	.21862	.00371

RUN NO. 72/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.979	.107	-.03843	.04270	.58091	.71480	.72061	.59176	.65202	.00416
.981	2.620	-.01537	.04034	.49176	.71354	.69699	.53905	.61034	.00769
.982	5.111	-.02398	.04165	.17448	.70496	.70577	.21004	.44881	.00909
.981	8.125	-.04242	.01729	-.15089	.85181	.83324	-.18076	.33835	-.01211
.979	10.116	-.05011	.03667	-.38692	.78141	.71879	-.39182	.18036	-.01688
.979	12.098	-.07255	.00131	-.63919	.26442	.28643	-.64739	-.18393	.00345
.980	15.140	-.05748	.03536	-.93730	-.52347	-.48993	-.93187	-.72064	.00974
	GRADIENT	.00918	-.00094	-.03548	-.00050	-.00940	-.02097	-.01659	.00140

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN005) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 68/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.050	.096	-.01230	.03563	.62167	.77763	.80629	.67081	.71910	.01945
1.049	2.615	-.01629	.01886	.41699	.77283	.75966	.41830	.59195	-.00296
1.050	5.134	-.02090	.03929	.01408	.69891	.72242	.03710	.36813	.01163
1.052	8.108	-.01967	.03694	-.24546	.72086	.74089	-.26224	.23851	.00081
1.052	10.114	-.02060	.01939	-.48411	.58587	.58315	-.51585	.04226	-.00862
1.051	12.116	-.01814	.01834	-.69053	.13549	.18167	-.73192	-.27632	00120
1.051	15.106	-.01506	.03720	-.95669	-.63301	-.53547	-.96997	-.77378	32106
	GRADIENT	-.00158	-.00666	-.08125	-.00191	-.01851	-.10024	-.05048	-.00890

RUN NO. 66/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.102	.113	-.02121	.02384	.57416	.91061	.86927	.62220	.74406	.00168
1.103	2.621	-.02613	.01519	.29529	.81472	.79448	.27119	.54392	-.01108
1.101	5.125	-.02920	.03825	-.07728	.66863	.71334	-.06952	.30879	.01312
1.101	8.085	-.02674	.02253	-.35182	.62195	.60373	-.35901	.12872	-.00635
1.100	10.096	-.02613	.01860	-.60146	.41606	.42146	-.63515	-.09977	-.00707
1.099	12.117	-.02367	.02174	-.78615	.05248	.08599	-.80729	-.36374	.00309
1.099	15.100	-.02828	.01546	-1.00384	-.49147	-.42879	-1.00404	-.73204	.01562
	GRADIENT	-.00196	-.00345	-.11119	-.03823	-.02982	-.13996	-.07980	-.00509

RUN NO. 65/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.202	.120	-.01660	.02043	.11495	1.12974	1.11111	.13125	.62176	-.00058
1.201	2.616	.06078	.01965	-.07833	.85963	.83505	-.06591	.38761	-.00304
1.200	5.105	.06452	-.01604	-.25803	.53793	.48505	-.28254	.12060	-.01935
1.201	8.107	.00374	-.00816	-.51685	.16072	.20074	-.55534	-.17768	.00038
1.200	10.101	.00117	.02462	-.68136	-.19976	-.07445	-.71468	-.41756	.02300
1.201	12.096	-.00246	.01048	-.88674	-.37444	-.31852	-.81952	-.59981	.03079
1.201	15.121	-.01967	.00157	-1.12198	-.90368	-.88623	-1.13901	-1.01272	.00010
	GRADIENT	.03100	-.00031	-.07744	-.10622	-.11060	-.07899	-.09381	-.00099

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN005) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 56/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.271	.117	-.02244	-.00272	.12316	1.08647	1.11346	.12024	.61083	.00602
1.272	2.598	-.02797	.01912	-.07466	.87780	.84020	-.04727	.39902	-.00255
1.271	5.106	-.02336	.04480	-.23053	.57805	.48777	-.26001	.14382	-.02394
1.268	8.094	-.02213	.02882	-.49982	.28360	.18560	-.54394	-.14364	-.03553
1.270	10.097	-.01445	.04270	-.70101	-.12914	-.08033	-.71524	-.40643	.00864
1.266	12.089	-.04088	-.01686	-.87548	-.36176	-.34283	-.91963	-.62492	-.00631
1.258	15.112	-.02490	.01336	-1.12948	-.87053	-.88828	-1.13120	-1.00487	-.00487
	GRADIENT	-.00223	.00880	-.07973	-.08411	-.11014	-.06752	-.08537	-.00345

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN006) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 97/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.902	.136	-.04550	.07021	.42696	.52860	.55468	.39604	.47657	-.00121
.902	2.652	-.05595	.07073	.48560	.68352	.71152	.47740	.58951	.00495
.902	5.154	-.01629	.10007	.35013	.84903	.84868	.37967	.60688	.00730
.902	8.149	-.03873	.09247	.06041	.77864	.77722	.07343	.42242	.00290
.899	10.167	-.03966	.09588	-.06968	.67468	.63734	-.08621	.28903	-.01347
.901	12.177	-.03043	.10714	-.25777	.39083	.42919	-.27976	.06937	.00284
.900	15.170	-.04980	.06601	-.50978	-.16315	-.12894	-.56980	-.34292	-.00645
	GRADIENT	-.00415	.00021	.02331	.06157	.06234	.03234	.04489	.00245

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN006) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 94/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.951	.145	-.03228	.04401	.60554	.52456	.54045	.64216	.57818	.01313
.952	2.642	-.02828	.04872	.51024	.59445	.59162	.55006	.56159	.00925
.950	5.150	-.02690	.05239	.26392	.65172	.65278	.25993	.45709	-.00073
.949	8.156	-.02521	.04060	-.08068	.85660	.85655	-.15545	.36925	-.01870
.948	10.158	-.01906	.03720	-.35915	.73045	.75421	-.40072	.18120	-.00445
.951	12.151	-.03320	.03065	-.53100	.19378	.18197	-.56313	-.17959	-.01098
.951	15.190	-.05871	.03170	-.83016	-.49782	-.41983	-.89210	-.65998	.00401
	GRADIENT	.00160	.00189	-.03817	.02799	.02049	-.03688	-.00664	-.00155

RUN NO. 92/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.980	.131	-.05472	.02986	.61199	.67847	.68609	.61222	.64719	.00196
.981	2.672	-.03504	.02751	.50789	.68881	.71667	.56796	.62033	.02198
.980	5.164	-.03136	.03510	.19794	.71833	.71455	.19776	.45715	-.00099
.978	8.167	-.04027	.02724	-.15037	.84424	.85383	-.16268	.34625	-.00068
.982	10.160	-.04888	.05816	-.32326	.70673	.71334	-.38765	.17729	-.01445
.982	12.185	-.05349	.03720	-.62216	.28688	.28915	-.66796	-.17852	-.01088
.980	15.176	-.05687	.02803	-.91137	-.54163	-.45539	-.93076	-.70979	.01671
	GRADIENT	.00774	-.00092	-.04097	.00407	.01203	-.01742	-.01057	.00788

RUN NO. 87/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.051	.138	-.11036	.00864	.62020	.81119	.84172	.67823	.73783	.02214
1.050	2.653	-.11005	-.00027	.45863	.77561	.75179	.41958	.60140	-.01572
1.053	5.149	-.10329	.01624	.02023	.72944	.74604	.02610	.38045	.00562
1.049	8.153	-.10759	.01703	-.24284	.75467	.73453	-.25640	.24749	-.00842
1.051	10.146	-.11435	-.00109	-.49354	.58713	.58042	-.51502	.03975	-.00705
1.049	12.149	-.10759	.01074	-.65805	.18747	.20710	-.71440	-.24447	-.00918
1.050	15.163	-.11005	-.00489	-.95511	-.58371	-.53061	-.99027	-.76493	.00449
	GRADIENT	.00012	-.00354	-.06424	-.01415	-.03576	-.10284	-.05425	-.01505

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 85/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.102	.139	-.11497	.02305	.56888	.88461	.84686	.64344	.73595	.00920
1.102	2.635	.02759	-.01795	.58413	.87376	.87926	.58050	.72941	.00047
1.103	5.147	.02221	.02646	-.05606	.71884	.71576	-.09260	.32148	-.00991
1.099	8.146	-.12081	-.02529	-.31252	.62801	.64552	-.35011	.15272	-.00502
1.102	10.148	-.11835	.04218	-.60828	.42994	.40844	-.63571	-.10140	-.01223
1.101	12.149	-.11374	.01074	-.77279	.02826	.07448	-.82147	-.37288	-.00061
1.101	15.151	-.11681	-.01197	-.99286	-.47562	-.46256	-1.01131	-.73559	-.00135
	GRADIENT	.05712	-.01643	.00611	-.00435	.01298	-.02522	-.00262	-.00350

RUN NO. 90/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.203	.128	-.11312	.02200	.30438	1.04711	1.05971	.29498	.67655	.00080
1.197	2.657	-.11958	.02724	-.05580	.85357	.83263	-.05756	.39321	-.00568
1.201	5.160	-.11067	.01284	-.17551	.62523	.61827	-.20022	.21694	-.00792
1.201	8.150	-.11128	.03275	-.48096	.33608	.36878	-.51057	-.07167	.00077
1.200	10.135	-.09837	.02724	-.65150	.10168	.10597	-.71440	-.28956	-.01465
1.197	12.141	-.09991	.02174	-.84771	-.15047	-.10234	-.90740	-.50198	-.00289
1.202	15.151	-.09991	.01310	-1.03143	-.75955	-.70202	-1.11476	-.90194	-.00645
	GRADIENT	-.00255	.00207	-.14242	-.07653	-.08979	-.13940	-.11204	-.00256

RUN NO. 40/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.277	.120	-.01107	.03196	.00968	-.00202	-.04656	.02635	-.00314	-.00697
1.270	4.120	.03413	.01677	.01437	-.01441	-.02840	-.00834	-.00920	-.00917
1.270	5.136	-.02674	.01912	.01906	-.01326	-.02354	-.00167	-.00485	-.00775
1.269	6.128	-.06394	.02043	.00264	.00303	-.03198	-.00501	-.00783	-.01066
1.269	7.119	-.06886	.00655	.01994	-.02393	-.02737	-.01669	-.01201	-.01002
1.269	9.142	-.07040	.04637	.02346	-.01845	-.02482	-.02308	-.01072	-.01323
1.270	9.139	-.07870	.01519	.01026	-.03776	.01362	-.02308	-.00924	.00451
1.270	10.151	-.09407	.01310	.01496	-.05996	.01877	-.02419	-.01261	.00990
1.269	11.106	-.09033	.01808	.00704	-.06428	.01514	-.01891	-.01525	.01337
1.269	12.131	-.08853	.01100	.02610	.01741	-.00051	-.01279	.00755	-.01420
1.268	13.129	-.08423	.03694	.03812	.00807	-.02047	-.01196	.00314	-.01966
1.264	15.124	-.09099	.00419	.01466	-.02248	-.01535	-.02280	-.01149	-.00758
1.248	20.134	-.09683	.01650	.00968	-.00231	-.03838	-.04783	-.01971	-.02339
	GRADIENT	.01130	-.00380	.00117	-.00310	.00454	-.00867	-.00152	-.00055

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN007) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 109/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.901	.097	-.03474	.03458	.40936	.51144	.53077	.41088	.46561	.00521
.902	2.622	-.04365	.01703	.44778	.69033	.71334	.46793	.57984	.01079
.903	5.125	-.04119	.03563	.41317	.83137	.86140	.38555	.62287	.00060
.899	8.136	.01169	.01965	.07595	.78318	.77511	.05552	.42244	-.00713
.898	10.136	-.00676	.02672	-.12260	.66056	.67337	-.07175	.28490	.01592
.901	12.123	.01543	.03013	-.21271	.38528	.39512	-.27002	.07442	-.01187
.898	15.126	-.02029	.03589	-.51030	-.17382	-.12306	-.56507	-.34306	-.00100
	GRADIENT	-.00353	-.00695	.01522	.07085	.07230	.02259	.04524	.00221

RUN NO. 107/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.952	.100	-.01076	.02803	.60055	.51800	.53561	.62041	.56864	.00937
.951	2.616	-.01783	.03903	.52109	.59495	.60828	.55799	.57058	.01256
.951	5.111	-.02213	.03798	.27066	.66308	.64643	.23844	.45465	-.01222
.953	8.114	-.02521	.04087	-.12993	.84701	.83657	-.13181	.35546	-.00308
.951	10.129	-.01568	.03117	-.34122	.73625	.74604	-.38737	.18767	-.00834
.949	12.115	-.05011	.01965	-.52523	.19579	.18954	-.57119	-.17777	-.01305
.951	15.140	-.05410	.01467	-.80580	-.49234	-.45207	-.86763	-.65446	-.00539
	GRADIENT	-.00281	.00437	-.03158	.03058	.02888	-.02481	.00077	.00127

RUN NO. 105/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.982	.126	-.00861	.02908	.61199	.69891	.72091	.62911	.66523	.00978
.981	2.614	.00000	.02148	.49939	.69361	.69941	.53778	.60755	.01105
.981	5.098	.00327	.01231	.20175	.70294	.73605	.21184	.46314	.01080
.983	8.105	.00491	.00969	-.16032	.84247	.84535	-.17325	.33856	-.00251
.982	10.140	.00935	.01205	-.39582	.73726	.70789	-.40323	.16152	-.00919
.982	12.122	.00444	.01808	-.57867	.26695	.30187	-.66463	-.16862	-.01276
.980	15.114	.00094	.02358	-.87757	-.53442	-.47382	-.95022	-.70901	-.00301
	GRADIENT	.00346	-.00305	-.04526	-.00213	-.00864	-.03671	-.02318	.00051

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN007) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 102/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.051	.093	-.01506	.02986	.67738	.79327	.81477	.69486	.74507	.00974
1.051	2.616	-.01260	.01991	.40848	.77283	.76421	.43493	.59511	.00445
1.053	5.125	-.00646	-.01142	.06510	.71783	.72484	.03224	.38500	-.00646
1.052	8.114	-.01230	.02174	-.20695	.74230	.74634	-.26307	.25466	-.01302
1.051	10.096	-.01322	.01781	-.49327	.57250	.59526	-.50000	.04362	.00401
1.051	12.123	-.01137	.01415	-.66119	.16224	.19559	-.70857	-.25298	-.00350
1.051	15.110	-.00891	.03170	-.92630	-.57478	-.53240	-.90246	-.74898	.00155
	GRADIENT	.00098	-.00394	-.10658	-.00810	-.02004	-.10302	-.05944	-.00210

RUN NO. 100/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.099	.104	-.02613	.01677	.57446	.88839	.88895	.61018	.74049	.00907
1.100	2.621	-.02521	.02253	.26304	.79781	.79509	.27605	.53300	.00257
1.102	5.133	-.02551	.02646	-.10164	.70471	.72394	-.06034	.31666	.01513
1.101	8.104	-.02398	.03406	-.32667	.62195	.61373	-.35818	.13771	-.00993
1.102	10.107	-.01937	.01834	-.58863	.41405	.47233	-.59288	-.07378	.01351
1.101	12.136	-.01937	.00393	-.70835	.03532	.05208	-.79227	-.35330	-.01679
1.100	15.118	-.02060	-.00761	-.97948	-.46957	-.44209	-1.00350	-.72366	.00086
	GRADIENT	.00037	.00229	-.12373	-.03599	-.03729	-.13275	-.08244	-.00258

RUN NO. 99/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.202	.117	-.06302	.00236	.29207	1.05437	1.06426	.27426	.67124	-.00198
1.202	2.622	-.04457	.01048	-.07256	.86165	.84717	-.05506	.39530	.00075
1.201	5.109	-.01691	.01100	-.14801	.62094	.60646	-.20578	.21840	-.01806
1.200	8.104	-.00307	-.00109	-.43695	.35450	.35001	-.51919	-.06291	-.02168
1.198	10.120	-.00646	.00105	-.36360	.10067	.11505	-.68743	-.20883	-.07736
1.199	12.118	-.00246	.02070	-.85216	-.16171	-.10080	-.88960	-.50107	.00587
1.204	15.110	-.00338	.02174	-1.07617	-.75061	-.70151	-1.09887	-.90679	.00660
	GRADIENT	.00737	.00324	-.14556	-.07693	-.08666	-.13147	-.11016	.00109

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN008) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 91/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.981	.155	-.03136	.03615	.58560	.69487	.71788	.60506	.65085	.01062
.982	2.660	-.02890	.03746	.57973	.69487	.70153	.59253	.64216	.00486
.981	5.151	-.03074	.06313	.58032	.69108	.71909	.60071	.64780	.01210
.983	8.182	-.02890	.07099	.52109	.68654	.72545	.59943	.63313	.02931
.979	10.172	-.02982	.06863	.60554	.69310	.71152	.59892	.65227	.00295
.980	12.161	-.03289	.06156	.60554	.68780	.72121	.58434	.64972	.00305
.979	15.173	-.03197	.04218	.59000	.69437	.69457	.55364	.63314	-.00904
	GRADIENT	.00098	.00052	-.00234	.00000	-.00653	-.00500	-.00347	-.00230

RUN NO. 60/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.049	.071	-.27789	-.00435	.60407	.81119	.79660	.65956	.71785	.01022
1.051	2.630	-.27666	.00472	.41171	.70244	.75542	.42981	.57485	.01777
1.049	5.100	-.27482	-.00761	.03431	.69638	.73120	.03454	.37411	.00876
	GRADIENT	.00048	.00354	-.07517	-.04250	-.01609	-.08978	-.05588	.00295

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN009) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 74/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.953	.101	.02455	.03039	4.93323	4.77272	4.70850	4.96322	4.84442	-.00856
.950	2.622	-.03013	.03825	4.76456	4.77022	4.76063	4.80879	4.77605	.00866
.949	5.108	-.03627	.01415	4.45049	4.81682	4.78612	4.47350	4.63173	-.00192
.950	8.119	-.05226	.01677	4.01782	4.76846	4.72998	4.02886	4.38628	-.00686
.951	10.107	-.06425	.01257	3.72702	4.63931	4.62085	3.70594	4.17328	-.00988
.949	12.093	-.06210	-.00082	3.51068	4.44893	4.42981	3.51793	3.97684	-.00297
.950	15.122	-.05195	.01493	3.19940	3.85458	3.84862	3.20119	3.52845	-.00355
	GRADIENT	-.02169	.00312	-.06691	-.00099	.02068	-.06126	-.02712	.00683

0A270A TABULATED FORCE DATA

LARC 16FT TWT 326(0A270A) 39-0 ORB.

(VKN009) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 70/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.050	.093	-.02767	.00445	4.48180	4.92931	4.88781	4.47994	4.69471	-.01084
1.049	2.616	-.02459	.00733	4.69712	4.82759	4.79013	4.75272	4.76689	.00454
1.051	5.114	-.03043	.00262	4.28989	4.79427	4.77209	4.30304	4.53982	-.00226
1.052	8.105	-.01814	-.00734	3.88833	4.69856	4.68902	3.85720	4.28328	-.01017
1.052	10.117	-.02367	.01886	3.60779	4.57444	4.53636	3.58739	4.07650	-.01462
1.052	12.125	-.01383	.01677	3.40440	4.28476	4.28745	3.40368	3.84507	.00049
1.051	15.124	-.01353	.01362	3.15921	3.83689	3.77059	3.15667	3.48084	-.01721
	GRADIENT	.00122	.00114	.08534	-.04032	-.03872	.10812	.02861	.00610

RUN NO. 59/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.248	.105	-.04519	-.01224	4.49809	4.93707	4.88122	4.49957	4.70399	-.01359
1.251	2.596	-.09007	-.00707	4.24586	4.80980	4.71280	4.22230	4.49769	-.03014
1.250	5.100	-.08607	-.03318	3.97518	4.63532	4.60596	3.96382	4.29507	-.01018
1.249	8.103	-.07193	-.02148	3.64448	4.21839	4.34159	3.67000	3.96861	.03718
1.248	10.110	-.07501	-.02529	3.44163	4.20217	4.15856	3.42969	3.80801	-.01389
1.248	12.128	-.06394	.00314	3.25119	3.92871	3.88213	3.20655	3.56715	-.02280
1.238	15.097	-.04734	-.02828	2.97225	3.55320	3.54860	3.00755	3.27040	.00768
	GRADIENT	-.01802	.00208	-.10126	-.05109	-.06761	-.11131	-.08282	-.00664

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 96/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.952	.144	-.06425	.06209	4.98990	4.76546	4.75691	4.96884	4.87028	-.00740
.952	2.646	-.05994	.06759	4.77271	4.81130	4.74746	4.81524	4.78668	-.00533
.950	5.183	-.06117	.05423	4.48511	4.82533	4.79271	4.50714	4.65257	-.00265
.948	8.170	-.05964	.04008	4.08272	4.84613	4.82164	4.03671	4.44680	-.01762
.951	10.145	-.04334	.03851	3.84759	4.73965	4.71967	3.79391	4.27521	-.01842
.951	12.142	-.03566	.03641	3.60132	4.47688	4.46103	3.63004	4.04232	.00322
.951	15.143	-.05933	.02986	3.33427	3.90875	3.89038	3.35084	3.62106	-.00045
	GRADIENT	.00172	.00220	-.08681	.01832	-.00378	-.06139	-.03341	.00083

RUN NO. 89/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.049	.148	-.10974	.01703	4.92516	4.83260	4.77810	4.94074	4.86915	-.00973
1.050	2.657	-.11005	.02384	4.68083	4.84813	4.80044	4.67675	4.75154	-.01294
1.051	5.143	-.10513	.00812	4.28048	4.76771	4.76063	4.29267	4.52537	.00128
1.048	8.144	-.09898	.02358	3.89939	4.72988	4.65666	3.88112	4.29176	-.02287
1.052	10.145	-.09898	.01100	3.60617	4.60263	4.55727	3.60697	4.09326	-.01114
1.051	12.125	-.09652	.00629	3.37204	4.31096	4.28659	3.40743	3.84425	.00276
1.049	15.144	-.09622	.02515	3.11632	3.82990	3.77801	3.17973	3.47599	.00288
	GRADIENT	-.00012	.00271	-.09738	.00619	.00890	-.10522	-.04688	-.00128

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN011) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 108/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.950	.118	-.04703	.02934	4.92287	4.78124	4.78039	4.94128	4.85645	.00439
.950	2.599	-.04242	.01074	4.80732	4.79327	4.77610	4.74319	4.77997	-.02032
.949	5.100	-.04396	.01493	4.48994	4.79552	4.76808	4.46537	4.62973	-.01300
.951	8.118	-.04427	.01415	4.02876	4.75794	4.74001	4.03167	4.38959	-.00376
.951	10.126	-.04150	.01415	3.73026	4.65403	4.62716	3.68180	4.17331	-.01883
.950	12.108	-.05933	.01912	3.56382	4.43721	4.43639	3.49969	3.98428	-.01624
.949	15.127	-.05349	.01598	3.23824	3.86708	3.85521	3.18429	3.53621	-.01646
	GRADIENT	.00186	-.00750	-.04657	.00485	-.00173	-.07984	-.03083	-.00996

RUN NO. 104/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.049	.115	-.01599	.04375	4.93470	4.78600	4.77524	4.93378	4.85743	-.00292
1.051	2.616	-.01291	.03222	4.68923	4.79201	4.78841	4.72160	4.74781	.00719
1.051	5.098	-.01076	-.00190	4.34360	4.75493	4.76808	4.28875	4.53884	-.01043
1.051	8.088	-.00984	.02174	3.89345	4.68328	4.69217	3.86847	4.28434	-.00402
1.049	10.119	-.00861	.02017	3.61319	4.56196	4.53349	3.56674	4.06885	-.01873
1.051	12.099	-.00277	-.00190	3.40980	4.26679	4.30521	3.39241	3.84355	.00526
1.052	15.111	-.00430	.01362	3.15705	3.79173	3.79889	3.13789	3.47139	-.00300
	GRADIENT	.00123	-.00461	-.09815	.00240	.00527	-.08484	-.04383	.00404

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN012) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = -5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 154/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.603	.156	-.03958	-.03643	-4.98246	-4.97872	-5.03520	-5.02657	-5.00574	-.02515
.602	2.644	-.04119	.01064	-4.97437	-4.98147	-5.03968	-5.02233	-5.00446	-.02654
.603	5.153	-.04012	.01231	-4.99531	-4.97901	-5.04192	-5.02940	-5.01141	-.02425
.601	8.164	-.03851	.02127	-4.99971	-4.97756	-5.02368	-5.02704	-5.00700	-.01836
.604	10.165	-.03530	.00805	-5.01221	-4.97669	-5.03120	-5.01918	-5.00982	-.01537
.601	12.173	-.03049	-.00189	-5.02118	-4.99363	-5.04752	-5.02547	-5.02195	-.01454
	GRADIENT	-.00065	.01892	.00325	-.00111	-.00180	.00170	.00051	-.00056

RUN NO. 150/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.897	.078	-.08826	.01064	-4.99338	-4.96598	-5.03152	-4.98616	-4.99426	-.01458
.902	2.582	-.08612	.01352	-4.99461	-4.96989	-5.01632	-4.98365	-4.99112	-.00887
.902	5.068	-.08576	.01307	-4.99126	-4.96149	-5.01168	-5.02846	-4.99822	-.02185
.898	8.098	-.07239	-.01057	-5.01098	-4.96960	-5.02224	-5.04780	-5.01265	-.02237
.900	10.074	-.06419	-.04259	-4.99443	-4.96844	-5.02176	-5.05398	-5.00965	-.02822
.899	12.120	-.06650	-.02161	-4.99390	-4.96221	-5.03280	-5.02280	-5.00293	-.02487
	GRADIENT	.00085	.00115	-.00049	-.00156	.00607	.00100	.00125	.00228

RUN NO. 147/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.954	.082	-.09325	-.00631	-5.00376	-4.98436	-5.02304	-5.03538	-5.01164	-.01757
.948	2.590	-.09824	.02477	-4.99742	-4.98031	-5.04672	-5.04748	-5.01798	-.02912
.949	5.103	-.09771	.04209	-4.99408	-4.96540	-5.04576	-5.08369	-5.02223	-.04249
.949	8.088	-.08612	.04771	-5.04846	-4.96786	-5.04112	-5.05092	-5.02709	-.01893
.953	10.090	-.08344	.04300	-5.01397	-4.95946	-5.05216	-5.05000	-5.01890	-.03218
.951	12.088	-.07916	.05470	-5.01203	-4.97495	-4.97328	-5.08859	-5.01221	-.01872
	GRADIENT	-.00199	.01239	.00253	.00161	-.00944	-.00482	-.00253	-.00461

RUN NO. 140/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.248	.093	-.05705	-.02602	-5.02646	-4.95729	-5.04464	-5.00880	-5.00930	-.01742
1.252	2.594	-.04760	-.04479	-5.03262	-4.96352	-5.03136	-5.01211	-5.00990	-.01183
1.251	5.096	-.04957	-.05599	-4.99848	-4.96858	-5.01792	-5.03962	-5.00615	-.02262
1.248	8.109	-.04315	-.00757	-5.01942	-4.96004	-5.02704	-5.03663	-5.01079	-.02105
1.250	10.110	-.04725	-.07350	-5.04002	-4.95961	-5.06192	-5.05413	-5.02892	-.02911
1.250	12.087	-.04760	-.03454	-5.01485	-4.96004	-5.00464	-5.02390	-5.00086	-.01341
	GRADIENT	.00378	-.00750	-.00246	-.00249	.00531	-.00132	-.00024	.00224

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 155/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.602	.152	-.03619	.03692	-.01960	-.04882	.00983	.00861	-.01249	.02171
.602	2.667	-.03352	.01671	-.01930	-.05651	.00070	.01588	-.01481	.02310
.598	5.148	-.03245	-.01783	-.04908	-.04748	-.00415	.01647	-.02106	.02722
.601	8.153	-.03477	-.01325	-.02218	-.04330	.02423	.02552	-.00393	.02881
.598	10.162	-.03423	.00304	-.02477	-.05818	.01651	.02226	-.01105	.03043
.599	12.151	-.03334	-.01830	-.02598	-.04681	-.00148	.00846	-.01645	.01994
	GRADIENT	.00106	-.00804	.00012	-.00306	-.00363	.00289	-.00092	.00055

RUN NO. 153/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.799	.078	-.06668	-.05410	.00595	-.02993	-.03532	-.00629	-.01640	-.00441
.803	2.585	-.06847	.00988	.00306	-.03277	-.03932	-.00258	-.01790	-.00305
.803	5.077	-.06365	.00198	.01446	-.02675	-.03917	-.00565	-.01428	-.00813
.803	8.115	-.05866	-.00016	.00085	-.04397	-.03131	-.00500	-.01986	.00170
.802	10.110	-.07417	-.03281	-.01732	-.02892	-.02537	-.01081	-.02061	.00252
.801	12.097	-.07595	-.01577	-.06518	-.04113	-.01143	.05105	-.01667	.03648
	GRADIENT	-.00071	.02552	-.00115	-.00113	-.00160	.00148	-.00060	.00054

RUN NO. 151/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.900	.077	-.08647	-.00631	-.00562	-.03477	.01177	.00267	-.00649	.01371
.901	2.577	-.06633	-.01167	.00340	-.01488	.02740	.02641	.01058	.01632
.900	5.095	-.06116	-.02587	.04048	-.00853	.03951	.02478	.02406	.00809
.900	8.107	-.06436	-.00773	.02772	-.02625	.03582	.01410	.01285	.01211
.904	10.109	-.05866	-.03233	.01973	-.02107	.00597	.01350	.00453	.00520
.901	12.085	-.07364	-.01167	-.00289	-.01170	.01616	.01914	.00518	.01247
	GRADIENT	.00806	-.00214	.00361	.00796	.00625	.00950	.00683	.00104

RUN NO. 148/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.953	.086	-.08184	.04664	.01854	-.03227	.00281	.00237	-.00214	.00473
.953	2.568	-.09271	-.00158	-.00076	-.04297	-.00148	.00579	-.00986	.01201
.952	5.096	-.08826	.00988	-.01687	-.04063	-.01039	-.02258	-.02261	.00613
.952	8.102	-.08398	-.03107	-.03115	-.03344	-.00148	.01246	-.01340	.01889
.949	10.097	-.09093	-.00032	-.01869	-.04698	-.01291	-.00129	-.01997	.01287
.949	12.111	-.08647	-.02760	-.06792	-.05651	-.02923	-.00113	-.03870	.02352
	GRADIENT	-.00438	-.01943	-.00778	-.00431	-.00173	.00138	-.00311	.00293

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 146/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.980	.099	-.05795	.06260	-.00198	-.03427	.00105	.01410	-.00527	.01285
.983	2.603	-.06847	.04042	-.00684	-.03946	-.00786	.00816	-.01150	.01165
.982	5.080	-.06490	.04573	-.02765	-.05484	-.02181	-.00419	-.02712	.01412
.972	8.098	-.06668	.05956	-.02902	-.05383	-.02018	-.00887	-.02798	.01345
.981	10.082	-.07970	.02993	-.02112	-.05718	-.03576	-.00790	-.03049	.00866
.981	12.093	-.07381	.06700	.04252	-.05818	-.02196	.00712	-.00763	.00021
	GRADIENT	-.00420	-.00886	-.00194	-.00207	-.00356	-.00237	-.00249	-.00048

RUN NO. 145/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.050	.096	-.05777	-.01057	.02126	-.02642	.01703	-.00387	.00200	.00458
1.053	2.580	-.06044	-.02113	.02381	-.02073	-.00252	-.00145	-.00022	-.00176
1.050	5.086	-.05545	-.00110	.01565	-.00953	-.00030	.00772	.00338	.00033
1.052	8.094	-.06597	.00152	-.01398	-.02107	-.00623	-.00065	-.01048	.00704
1.046	10.082	-.06436	-.00284	-.04725	-.01103	.00105	.00282	-.01360	.01554
1.051	12.095	-.05438	-.00363	.02772	-.01404	-.00089	-.00371	.00227	-.00457
	GRADIENT	-.00107	-.00425	.00103	.00229	-.00787	.00097	-.00089	-.00255

RUN NO. 144/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.101	.094	-.06294	.00106	-.03008	-.03411	-.01929	-.01565	-.02478	.00731
1.100	2.577	-.07132	.02385	-.05880	-.04096	-.01810	-.04210	-.03999	.00989
1.099	5.100	-.06900	-.01246	-.00425	-.03528	-.02092	-.01177	-.01806	.00171
1.097	8.088	-.07132	.04285	-.01261	-.02708	-.03546	-.03000	-.02629	-.00644
1.098	10.083	-.05884	.01580	.01616	-.02224	-.04140	-.02210	-.01739	-.01435
1.099	12.095	-.06882	.03069	-.03495	-.02759	-.02626	-.04145	-.03256	-.00130
	GRADIENT	-.00337	.00918	-.01157	-.00276	.00048	-.01065	-.00613	.00104

RUN NO. 143/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.199	.087	-.06686	.01124	-.00137	-.03277	.00404	.04407	.00349	.02056
1.201	2.573	-.06633	-.00867	-.02325	-.03645	-.00312	.00356	-.01481	.01503
1.200	5.115	-.07043	-.02807	-.06290	-.03494	.00966	.01143	-.01919	.02973
1.197	8.081	-.07150	-.03927	-.01459	-.04113	-.00312	.00534	-.01337	.01448
1.201	10.076	-.06312	.00896	-.05926	-.03477	.04144	.01528	-.00933	.03769
1.199	12.082	-.06383	-.00726	-.06093	-.03461	.03951	.03027	-.00644	.04133
	GRADIENT	.00021	-.00801	-.00880	-.00148	-.00288	-.01630	-.00736	-.00222

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN013) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 141/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.253	.083	-.05224	.06002	.03521	-.03026	.00913	.03502	.01227	.00980
1.253	2.592	-.06240	-.04432	-.02659	-.04012	-.00074	.01098	-.01412	.01924
1.252	5.081	-.05652	.00000	-.00669	-.03143	.01545	.03042	.00194	.02100
1.248	8.088	-.05884	.01489	-.05607	-.03477	-.00030	.00861	-.02063	.02479
1.251	10.101	-.05812	.03327	-.02796	-.04481	-.01632	.03057	-.01463	.02175
1.250	12.106	-.05438	.02704	-.05394	-.03544	.00948	.01870	-.01530	.02939
	GRADIENT	-.00405	-.04159	-.02463	-.00393	-.00393	-.00958	-.01052	.00376

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN014) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = 2.000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 156/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.604	.156	-.02621	-.01435	5.00834	5.01642	5.04279	5.04917	5.02918	.01680
.601	2.671	-.02478	.00851	5.00409	5.02296	5.02169	5.01844	5.01679	.00327
.602	5.135	-.02229	-.00331	5.00494	5.02878	5.02501	5.01689	5.01890	.00205
.600	8.166	-.02425	.01595	5.00375	5.02616	5.02501	5.00928	5.01605	.00110
.599	10.164	-.02193	-.01388	5.00051	5.02151	5.01637	5.02635	5.01619	.00518
.603	12.178	-.02211	-.00442	5.00460	5.02732	5.05491	5.01456	5.02535	.00939
	GRADIENT	.00057	.00909	-.00169	.00260	-.00839	-.01222	-.00493	-.00538

RUN NO. 152/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.901	.092	-.07393	.01914	5.02078	4.99841	5.03232	5.02108	5.01815	.00855
.901	2.588	-.07934	-.00158	5.02316	5.01192	5.01288	5.01999	5.01699	-.00055
.901	5.089	-.07524	.01003	4.99932	5.00320	5.01272	4.99516	5.00260	.00134
.903	8.103	-.06936	.01778	4.99421	5.01279	4.99627	5.02340	5.00667	.00317
.902	10.099	-.06436	-.00584	4.98722	5.01192	5.02983	5.02403	5.01325	.01368
.903	12.094	-.06383	-.00536	4.92956	5.00436	4.98049	5.01114	4.98139	.01443
	GRADIENT	-.00214	-.00830	.00095	.00541	-.00779	-.00044	-.00046	-.00365

LARC 16FT TWT 326(OA270A) 39-O ORB. (VKN014) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 149/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.952	.094	-.08576	-.05678	5.01141	5.00960	4.97766	5.01735	5.00401	-.00650
.951	2.580	-.08897	-.06814	5.01107	5.00843	4.98016	5.00866	5.00208	-.00767
.950	5.106	-.08897	-.03849	4.99182	5.00683	4.97584	5.02046	4.99874	-.00059
.947	8.088	-.08219	-.01025	5.03100	5.00858	4.98597	5.01782	5.01084	-.00895
.953	10.108	-.07560	-.02208	4.99285	5.00727	4.97866	5.00432	4.99577	-.00428
.950	12.091	-.07506	-.01940	4.98791	5.00771	4.95524	5.00680	4.98941	-.00839
	GRADIENT	-.00129	-.00457	-.00014	-.00047	.00101	-.00350	-.00078	-.00047

RUN NO. 142/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.251	.079	-.06062	.00744	4.98399	5.02195	5.01787	5.01704	5.01021	.00724
1.254	2.584	-.05688	.03130	4.96849	5.02355	5.01421	5.03163	5.00947	.01345
1.251	5.100	-.05598	.01565	4.92085	5.02398	4.99627	5.00121	4.98558	.01316
1.248	8.076	-.05688	-.00678	4.91863	5.01831	5.01322	5.01642	4.99165	.02317
1.250	10.081	-.05474	-.04574	4.91967	5.03285	5.00159	5.03986	4.99849	.02223
1.252	12.091	-.05527	.00046	4.96866	5.02253	5.00508	5.03660	5.00822	.01262
	GRADIENT	.00149	.00952	-.00619	.00064	-.00146	.00582	-.00030	.00248

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN015) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 55/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.599	.153	.03600	-.00136	-5.02112	-4.99351	-5.05076	-5.03563	-5.02525	-.01794
.600	2.676	.04138	.06497	-5.13521	-5.04840	-5.09352	-5.13079	-5.10198	-.01017
.599	5.165	.03670	.04139	-5.00352	-4.97753	-5.04966	-5.05079	-5.02037	-.02985
.600	8.169	.03904	-.00109	-5.01960	-4.80905	-5.06097	-5.05396	-4.98589	-.07157
.601	10.167	.03624	-.01061	-5.02324	-5.05957	-5.04331	-5.06795	-5.04852	-.00711
.600	12.175	.03553	.02070	-5.00018	-4.98178	-4.99972	-5.02831	-5.00250	-.01152
.602	15.185	.03507	-.03590	-5.02233	-4.98652	-4.98648	-5.03482	-5.00754	-.00311
	GRADIENT	.00213	.02629	-.04522	-.02176	-.01695	-.03772	-.03041	.00308

RUN NO. 64/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.802	.076	-.05260	.00896	-5.04477	-4.94600	-5.03856	-5.01871	-5.01201	-.01663
.802	2.623	-.04386	.02978	-5.03069	-4.94571	-5.04592	-5.02060	-5.01073	-.02253
.801	5.106	-.04957	-.01372	-5.02189	-5.02624	-5.03008	-5.02343	-5.02541	-.00134
.801	8.130	-.08005	.01109	-5.03192	-5.22457	-5.02928	-5.03145	-5.07930	.04894
.798	10.084	-.07809	.00106	-5.03315	-5.15497	-5.03504	-5.02453	-5.06192	.03214
.801	12.130	-.07774	-.02113	-5.03245	-5.10182	-5.04640	-5.01116	-5.04796	.01918
.801	15.097	-.05741	.01094	-5.02541	-4.94600	-5.06624	-5.03648	-5.01853	-.03283
	GRADIENT	.00343	.00817	.00553	.00011	-.00289	-.00074	.00050	-.00232

RUN NO. 61/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.901	.108	.03864	.01124	-5.01960	-4.96496	-5.04176	-5.02500	-5.01283	-.02055
.903	2.596	.02725	.02674	-5.02030	-4.91849	-5.08720	-5.02830	-5.01357	-.04418
.901	5.111	.00759	-.01309	-5.01590	-4.90300	-4.99840	-5.03459	-4.98797	-.02852
.897	8.124	-.00071	.01109	-5.01925	-5.04867	-5.01616	-5.02783	-5.02798	.00598
.899	10.117	-.00767	-.01861	-5.02840	-4.93138	-5.00528	-5.02547	-4.99763	-.01774
.899	12.149	-.00321	.01626	-5.02682	-4.92385	-4.98976	-5.05551	-4.99898	-.02365
.899	15.144	-.05991	-.00931	-5.01960	-4.95729	-5.03200	-5.01336	-5.00556	-.01712
	GRADIENT	-.00458	.00623	-.00028	.01668	-.01826	-.00133	-.00030	-.00950

LARC 16FT TWT 326(0A270A) 39-0 ORB.

(VKN015) (08 AUG 78)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN. XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN. YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN. ZO
SCALE	=	.0500					

PARAMETRIC DATA

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

RUN NO. 114/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.951	.078	-.06365	.02370	-4.94973	-4.98436	-4.99440	-5.02877	-4.98932	-.02227
.952	2.595	-.05991	.03783	-4.97419	-4.98234	-5.00000	-5.03003	-4.99664	-.01838
.954	5.083	-.05581	.02704	-4.98933	-4.96439	-5.00416	-5.03286	-4.99768	-.02083
.949	8.087	-.05402	.03798	-4.97718	-4.98451	-5.02416	-5.03695	-5.00570	-.02485
.945	10.075	-.06205	.04269	-4.93846	-4.98364	-5.01616	-5.03538	-4.99341	-.03236
.952	12.059	-.06312	.03692	-4.99267	-4.96786	-5.01152	-5.03176	-5.00095	-.02069
.953	15.083	-.07167	.02264	-4.97965	-4.97640	-5.00512	-5.03050	-4.99792	-.01989
	GRADIENT	.00149	.00561	-.00972	.00080	-.00222	-.00050	-.00291	.00155

RUN NO. 111/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.271	.074	-.01266	.04756	-4.97595	-4.94687	-4.96944	-5.02154	-4.97845	-.01704
1.272	2.596	-.06222	.01519	-5.00622	-4.97133	-5.02400	-5.03365	-5.00880	-.02002
1.271	5.069	-.04921	.03206	-5.03966	-4.96381	-4.99088	-5.02673	-5.00527	-.00353
1.269	8.067	-.04315	.04421	-5.00218	-4.94499	-4.99296	-5.02280	-4.99073	-.01715
1.270	10.081	-.03816	.03707	-5.00270	-4.95136	-5.02208	-5.04748	-5.00591	-.02888
1.268	12.061	-.02193	.04695	-4.99989	-4.96004	-4.97360	-5.02594	-4.98987	-.00990
1.265	15.065	-.01551	.04209	-4.99214	-4.95961	-5.00080	-5.02138	-4.99348	-.01761
	GRADIENT	-.01965	-.01284	-.01200	-.00970	-.02163	-.00480	-.01203	-.00118

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 42/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.602	.172	-.00615	.04951	.02082	-.05909	-.02328	.00844	-.01328	.00586
.602	.677	-.00492	.05554	.01349	-.04468	.01665	.00768	-.00172	.01388
.601	1.195	-.00369	.06079	.01554	-.04353	.01726	.00947	-.00032	.01368
.603	1.709	-.01844	.08304	-.01703	-.05506	.01847	.01893	-.00867	.02737
.603	2.201	-.00430	.06863	.01085	-.05679	.01756	.01100	-.00434	.01862
.601	4.194	-.00215	.07440	.00674	-.03257	-.01612	.01100	-.00774	.00518
.601	5.218	-.00769	.06392	.00235	-.05707	-.03659	.00972	-.02040	.00697
.602	6.187	-.01445	.05161	-.00707	-.10694	-.04196	.00844	-.03688	.02013
.600	7.210	-.01721	.01939	-.01179	-.10867	-.05245	-.03003	-.05074	.00949
.598	8.183	-.00584	.02279	.00733	-.10579	-.04170	.00870	-.03287	.01636
.603	9.201	-.00646	.07283	.02141	-.09628	.00727	.01509	-.01313	.02431
.603	10.190	-.01783	.06182	-.00864	-.06659	-.00819	.01202	-.01785	.01977
.603	11.194	-.00922	.06628	-.00026	-.09455	.02907	.01075	-.01375	.03366
.599	12.193	-.01875	.02567	-.02462	-.11991	.03421	.00947	-.02521	.04705
.600	13.194	-.00646	.07990	.01583	-.03055	.02059	.00844	.00358	.01094
.599	15.179	-.01045	.04611	.00235	-.07927	.01544	-.02392	-.02135	.01711
.600	20.212	-.00523	.06261	-.00157	-.11732	-.02021	.00486	-.03356	.02589
	GRADIENT	.00082	.00603	-.00306	.00448	-.00209	.00081	.00003	-.00068

RUN NO. 31/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.801	.047	-.10759	.00236	.00792	.02649	.01665	-.00695	.01103	-.00618
.801	.562	-.11620	.00000	-.00472	-.01355	-.02737	.00384	-.01045	-.00132
.800	1.063	-.11097	-.01006	.02023	.02624	-.00154	.00819	.01328	-.00996
.799	1.588	-.11036	.01179	.00176	.02220	-.03198	.00665	-.00034	-.01232
.802	2.079	-.12419	.01362	-.00943	.01337	-.04605	.00768	-.00861	-.01058
.801	4.075	-.11558	.02436	.00968	.02675	-.07036	.00844	-.00637	-.02458
.800	5.075	-.12911	.00629	.00411	.02397	-.05884	.00716	-.00590	-.01994
.798	6.075	-.02705	-.01033	.01408	.01741	-.00358	.01228	.01005	-.00570
.603	7.041	-.01107	.00445	-.00655	.02952	-.03249	.00307	-.00161	-.01310
.799	8.042	-.00307	.00786	.02581	.02775	-.03326	.00435	.00616	-.02062
.802	9.060	-.00799	-.01604	-.00969	.01211	-.03326	-.00862	-.00987	-.01107
.799	10.036	-.00430	-.02121	-.00812	.03078	-.01330	.00077	.00253	-.00880
.801	11.060	-.00707	-.00544	-.00838	.01438	-.02942	-.00028	-.00593	-.00892
.801	12.042	.00351	-.00408	.00821	.01413	-.03863	-.00640	-.00567	-.01684
.800	13.035	.00187	.00445	.02229	.03608	-.00179	.00588	.01562	-.01357
.802	15.079	-.02275	.01179	.00938	.02851	-.01868	-.01307	.00154	-.01741
.803	20.050	-.01076	.03065	.03196	.08427	.03209	-.00028	.03701	-.02110
	GRADIENT	-.00179	.00688	.00019	.00339	-.01949	.00274	-.00329	-.00508

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN017) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 2/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.899	.088	-.03904	.02384	.02258	-.04266	-.02968	.03326	-.00413	.00592
.899	.596	-.04150	.01153	.01466	-.03805	-.03556	.03914	-.00495	.00674
.900	1.112	-.03750	.00472	.02258	-.03373	-.01816	.04784	.00463	.01021
.898	1.592	-.04027	.00760	.02141	-.04987	-.02072	.04861	-.00014	.01409
.898	2.121	-.03904	.01598	.03020	-.04381	-.00588	.05884	.00984	.01664
.899	4.085	-.03966	.01650	.02111	-.06687	-.02712	.06549	-.00185	.02103
.899	5.115	-.04488	.01781	.04105	-.01268	-.00179	.05117	.01944	.00525
.899	6.111	-.04027	.01336	.04076	-.01355	-.00333	.04759	.01787	.00426
.899	7.121	-.03658	.01231	.02082	-.04785	-.00486	.03275	.00021	.01373
.902	8.108	-.03258	.02331	.03020	-.02364	-.01407	.05808	.01264	.00936
.898	9.127	-.03412	.02489	.04809	-.00548	-.00563	.03172	.01718	-.00413
.899	10.157	-.03504	.01703	.04105	-.01989	-.00281	.03582	.01354	.00296
.900	11.127	-.03566	.01022	.02551	-.03661	.00121	.05168	.01045	.01600
.899	12.084	-.03627	.01834	.05454	-.04756	-.00665	.04784	.01204	.00855
.899	13.107	-.02767	.03065	.03753	-.05275	-.02175	.02149	-.00387	.00374
.903	15.108	-.03873	.01939	.02815	-.02911	.01726	.02354	.00996	.01044
.899	20.111	-.07439	.01598	.03050	-.07841	-.01330	.04605	-.00379	.02016
	GRADIENT	.00002	-.00006	.00083	-.00699	.00191	.00805	.00095	.00403

RUN NO. 12/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.949	.084	-.05380	-.00544	-.01991	-.00663	-.03044	-.02308	-.02002	-.00675
.948	.579	-.05226	-.01332	-.02253	-.00663	-.04400	-.03254	-.02642	-.01185
.949	1.071	-.05318	-.01795	-.00786	-.00778	-.03914	-.03393	-.02218	-.01436
.950	1.589	-.05011	-.01904	-.03851	.00378	-.00844	-.00945	-.01316	.00421
.949	2.126	-.04703	.00603	-.01074	.00000	-.02712	.00128	-.00915	-.00377
.950	4.129	-.04796	-.02040	-.01048	-.02335	-.03147	-.01418	-.01987	-.00296
.953	5.126	-.04181	-.00435	-.00367	.01489	-.00742	-.03532	-.00788	-.01349
.948	6.123	-.04396	.00105	-.01598	.01362	-.02865	-.02364	-.01366	-.01248
.951	7.076	-.03720	-.01958	.01554	.01312	-.01023	-.02086	-.00061	-.01494
.948	8.053	-.03566	-.01278	.00938	-.00317	-.01689	-.00640	-.00427	-.00737
.950	9.052	-.04365	-.01278	-.00079	.00126	-.02354	-.01613	-.00980	-.01004
.950	10.074	-.05287	-.00625	-.02986	.00908	-.04477	-.02670	-.02306	-.01267
.951	11.056	-.05503	-.01115	-.01336	.00454	-.02968	-.04143	-.01998	-.01557
.952	12.063	-.05318	-.01523	.00235	.02246	-.03735	-.02725	-.00995	-.02235
.950	13.074	-.05994	-.02339	-.03982	.01842	-.07394	-.02197	-.02933	-.01863
.946	15.049	-.05564	.01205	-.00760	.01135	-.01637	-.00779	-.00510	-.00698
.915	19.957	-.12911	.00524	.00938	.01110	-.01842	-.01279	-.00268	-.01292
	GRADIENT	.00160	-.00166	.00245	-.00372	.00169	.00492	.00133	.00197

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN. YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 36/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.050	.094	-.02060	.03641	.00235	.00050	-.01407	.00077	-.00261	-.00404
1.052	.619	-.02121	.05606	.00557	-.01701	.01968	-.00445	.00095	.00667
1.051	1.123	-.03381	.05187	-.01703	-.00778	.03300	-.01307	-.00122	.01119
1.051	1.610	-.02490	.06968	.02639	-.00634	.00091	-.02169	-.00018	-.01021
1.051	2.128	-.03504	.03772	-.03013	-.01412	-.01893	.00051	-.01567	.00646
1.051	4.095	-.03351	.06392	-.02593	-.03084	-.00947	.00844	-.01445	.01394
1.051	5.108	-.03504	.05344	-.00079	-.02018	.00424	.00333	-.00335	.00713
1.050	6.117	-.03166	.05161	-.00550	-.02277	.00817	-.02586	-.01149	.00265
1.050	7.105	-.02797	.02279	-.00183	-.01758	.04814	-.00695	.00544	.01515
1.050	8.120	-.03966	.04637	-.02174	-.04871	.03542	-.00195	-.00924	.02598
1.050	9.109	-.02674	.06313	.00029	-.00144	.02604	-.00918	.00393	.00450
1.049	10.125	-.04211	.02593	-.01624	-.04180	-.00128	-.03810	-.02435	.00467
1.050	11.108	-.03566	.01336	-.02279	-.03344	-.01049	-.02308	-.02245	.00566
1.053	12.130	-.02767	.02384	.00323	.03280	-.01509	.00026	.00530	-.01272
1.051	13.117	-.03474	.04532	-.00681	-.01701	-.01509	-.00501	-.01098	.00093
1.051	15.127	-.03320	.06156	-.02829	-.00490	-.01075	.00819	-.00894	.00766
1.050	20.139	-.03013	.02043	-.00445	.01993	-.02379	-.02197	-.00757	-.01531
	GRADIENT	-.00326	.00421	-.00811	-.00642	-.00478	.00310	-.00405	.00321

RUN NO. 38/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.100	.126	-.03781	.02410	-.03851	-.00144	.01151	.03479	.00159	.02156
1.101	.622	-.03412	.03301	-.05658	-.00404	-.03326	.03582	-.01452	.01579
1.100	1.123	-.03627	.02253	-.05003	.00101	.00817	.01791	-.00574	.01878
1.100	1.633	-.03720	.05658	-.05344	-.01470	-.01023	.00051	-.01947	.01460
1.100	2.127	-.03904	.04296	-.04218	-.01874	-.04119	.00128	-.02521	.00525
1.099	4.132	-.03812	.02358	-.01074	-.00605	-.00614	.00588	-.00426	.00413
1.098	5.132	-.03935	.03406	-.04401	-.01931	-.01356	-.00862	-.02138	.01029
1.101	6.113	-.03504	.06261	-.02148	-.02047	-.01842	-.00612	-.01662	.00435
1.100	7.115	-.03474	.06392	-.03929	-.01528	-.03479	-.03504	-.03110	-.00382
1.099	8.094	-.03474	.02017	-.03013	-.01441	-.03556	-.00306	-.02079	.00148
1.099	9.112	-.03535	.05239	-.05134	-.01557	-.02891	-.02169	-.02938	.00408
1.099	10.122	-.03627	.03746	-.03222	-.01845	-.03121	.00537	-.01913	.00621
1.100	11.117	-.03320	.02829	-.03772	-.00605	-.03275	-.00945	-.02149	.00039
1.100	12.115	-.03750	.02122	-.02331	.00353	-.04042	.02405	-.00904	.00085
1.100	13.122	-.02951	.02908	-.00576	.00908	.03512	.00333	.01044	.00878
1.101	15.124	-.03904	.03458	-.01834	-.00288	-.05782	-.02670	-.02643	-.01582
1.099	20.096	-.04211	.03144	-.03170	.01110	-.04503	-.03365	-.02482	-.01452
	GRADIENT	-.00058	.00001	.00912	-.00188	-.00239	-.00815	-.00082	-.00445

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN017) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 34/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.201	.129	-.02029	.03720	.00704	.02826	-.00179	.01663	.01253	-.00511
1.200	.611	-.02582	.06366	-.02410	-.02047	-.00435	.00230	-.01165	.01063
1.200	1.121	-.02613	.04296	-.03746	-.02940	-.01586	.00512	-.01940	.01403
1.200	1.604	-.02736	.03432	-.01886	-.03776	-.01023	.00154	-.01633	.01198
1.201	2.102	-.02982	.04872	-.03667	-.02104	-.01049	-.00167	-.01747	.01139
1.198	4.098	-.02797	.03772	-.02986	-.02335	-.00691	-.00111	-.01531	.01130
1.200	5.109	-.01998	.04480	-.01991	-.03517	-.00870	-.00918	-.01824	.00930
1.198	6.115	-.03381	.06785	-.04794	-.01095	.00272	-.03448	-.02266	.00678
1.198	7.120	-.02705	.01388	-.03825	.00278	-.00716	-.00501	-.01191	.00583
1.200	8.118	-.03136	.02934	-.01415	-.09974	-.03966	-.00834	-.04047	.01647
1.199	9.108	-.03351	.06078	-.02384	-.05506	-.00256	-.02781	-.02732	.01213
1.198	10.097	-.03320	.06366	-.01834	-.04497	.02755	-.02503	-.01520	.01646
1.200	11.101	-.03412	.04427	-.01441	-.04151	.00939	-.04727	-.02345	.00451
1.201	12.112	-.03597	.02646	-.01650	-.02479	-.03403	-.02642	-.02543	-.00479
1.200	13.121	-.03566	.01467	-.03510	-.08388	.00787	-.03726	-.03709	.02240
1.198	15.128	-.02490	.03615	.00997	-.01124	-.01202	-.05395	-.01681	-.01618
1.203	20.108	-.03904	.01074	-.02331	-.01585	-.02430	-.02113	-.02115	-.00157
	GRADIENT	-.00156	-.00226	-.00610	-.00762	-.00076	-.00335	-.00446	.00240

RUN NO. 33/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.290	.136	-.04980	.03772	-.03144	.02119	-.01868	.02507	-.00096	.00416
1.290	.634	-.05503	.01415	-.02908	.02801	-.02175	.02328	.00012	.00065
1.291	1.125	-.05041	.02698	-.01650	.01564	.01786	.01944	.00911	.00954
1.291	1.612	-.06671	.03013	-.01257	.02296	-.00256	.01586	.00592	.00073
	GRADIENT	-.00935	-.00209	.01406	-.00143	.01791	-.00639	.00603	-.00028

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN018) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 95/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.980	.162	-.03381	.02698	.00645	-.05823	-.01765	.00844	-.01525	.01064
.980	2.680	-.03474	.03222	.02111	-.05880	-.03786	.00512	-.01761	.00124
.980	5.178	-.05195	.04219	-.00629	-.04699	-.00512	.01126	-.01178	.01485
.980	8.149	-.04550	.04611	-.04480	-.03891	.00878	.01254	-.01560	.02626
.980	10.159	-.05287	.06890	-.04060	-.04180	.00000	.00665	-.01894	.02226
.980	12.156	-.04888	.04558	-.05658	-.04266	-.02021	-.04283	-.04057	.00905
.979	15.173	-.05871	.07073	-.04925	-.02940	.00727	-.00195	-.01833	.02099
	GRADIENT	-.00037	.00208	.00582	-.00023	-.00803	-.00132	-.00094	-.00373

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN019) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 113/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.980	.083	-.06900	.03343	-.01459	-.04531	-.03621	.02864	-.01687	.01308
.981	2.586	-.06490	.02036	-.04042	-.04598	-.03873	-.00597	-.03277	.01042
.978	5.058	-.06258	.02477	-.04968	-.04715	-.04823	.00786	-.03430	.01412
.979	8.075	-.06757	.03692	-.04877	-.05751	-.04630	-.00677	-.03984	.01330
.984	10.066	-.06615	.01064	-.01792	-.04915	-.03932	-.03452	-.03500	-.00192
.980	12.072	-.06650	.03024	-.01185	-.03394	-.01781	.01009	-.01338	.00952
.978	15.095	-.07453	.03950	-.02492	-.04029	-.02582	-.00839	-.02485	.00775
	GRADIENT	.00164	-.00522	-.01032	-.00027	-.00101	-.01383	-.00635	-.00106

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 57/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.604	.154	-.00461	-.02801	4.97874	5.02251	4.96056	5.01807	4.99497	-.00565
.602	2.669	-.00369	.01388	4.99196	4.83285	5.02014	5.01727	4.96555	.05315
.601	5.170	-.00092	-.02012	4.97052	4.72011	4.97517	5.01272	4.91963	.07431
.601	8.176	-.00215	-.04025	4.99225	4.94158	5.03589	5.00470	4.99361	.02669
.600	10.175	-.00154	-.00870	4.99108	5.03604	5.03646	4.99346	5.01426	.00070
.601	12.175	-.00830	-.01088	4.99020	4.82208	5.05479	4.99265	4.96493	.05879
.598	15.159	-.00277	-.01468	4.96406	4.99846	4.96887	5.01005	4.98536	.00410
	GRADIENT	.00037	.01666	.00526	-.07541	.02369	-.00032	-.01170	.02338

RUN NO. 63/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.803	.111	-.06276	.01565	4.98348	4.97603	4.97750	5.02403	4.99026	.01050
.802	2.583	-.02033	-.01199	4.94754	5.08080	5.05475	5.02092	5.02600	.01183
.799	5.075	-.02318	.00714	4.97888	5.00059	5.01471	5.00354	4.99943	.00970
.798	8.109	-.02835	-.00615	4.97343	5.01381	4.98747	5.01658	4.99782	.00420
.802	10.095	-.02710	.00167	4.94907	5.03241	4.95291	5.03551	4.99248	.00173
.802	12.104	-.05010	-.01309	4.99455	5.06409	4.95108	5.00261	5.00308	-.02624
.798	15.090	-.05902	.00805	4.98603	5.00654	4.94112	5.00897	4.98567	-.01062
	GRADIENT	.01716	-.01118	-.01454	.04238	.03125	-.00126	.01446	.00054

RUN NO. 62/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.901	.101	-.04440	-.01530	4.96968	5.05174	4.96338	5.03085	5.00391	-.00680
.903	2.620	-.03530	-.02271	4.99574	5.06496	4.96354	4.98476	5.00225	-.02810
.899	5.117	-.02193	-.01656	4.98637	5.05740	4.98780	5.02915	5.01518	-.00671
.900	8.111	-.02157	.00365	5.00630	5.05319	4.98032	5.01999	5.01495	-.01479
.901	10.121	-.00713	.00273	4.93817	5.06176	4.93713	5.01766	4.98868	-.01129
.899	12.170	-.02104	-.02981	4.97701	5.07920	5.01770	5.01471	5.02216	-.00595
.901	15.106	-.04029	-.04795	4.97718	5.09257	5.00109	5.01611	5.02174	-.01314
	GRADIENT	.00361	-.00294	.01035	.00525	.00006	-.01830	-.00066	-.00846

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN021) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	5.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 115/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.949	.055	-.06936	.03008	5.04479	5.04636	5.02518	4.99888	5.02880	-.01677
.950	2.582	-.06650	.02629	5.03764	5.04796	5.00375	4.99578	5.02128	-.02152
.948	5.069	-.06294	.01747	4.99847	5.04781	5.00308	5.00354	5.01322	-.00991
.947	8.079	-.06205	.03829	5.04224	5.04956	5.00491	5.00525	5.02549	-.02041
.951	10.059	-.05919	.02507	4.98825	5.04578	4.99610	5.00028	5.00760	-.00941
.950	12.071	-.06436	.03176	4.94686	5.04810	5.01405	4.96986	4.99472	-.00276
.950	15.076	-.07381	.02066	4.92764	5.04927	4.98979	4.98290	4.98740	-.00105
	GRADIENT	.00113	-.00150	-.00283	.00063	-.00848	-.00123	-.00298	-.00188

RUN NO. 112/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.272	.086	-.01444	.03206	5.01430	5.02456	4.99162	5.01052	5.01025	-.00918
1.272	2.560	-.01391	.03996	4.98637	5.01948	4.99577	5.01270	5.00358	.00065
1.269	5.083	-.01105	.03890	4.99080	5.03270	4.97301	4.99268	4.99730	-.01445
1.266	8.097	-.01195	.03662	4.96730	5.02950	4.98697	4.99469	4.99462	-.00379
1.270	10.079	-.00767	.02066	4.94771	5.03677	4.98032	4.99376	4.98964	-.00260
1.269	12.049	-.01177	.02993	4.91730	5.02863	4.97251	4.99112	4.97739	.00443
1.263	15.063	-.01337	.03327	4.91760	5.03154	4.98165	5.01658	4.98684	.01227
	GRADIENT	.00021	.00319	-.01129	-.00205	.00168	.00088	-.00270	.00397

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN023) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 46/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.602	.177	-.02398	.00498	-7.99774	-8.08363	-1.95491	-1.99811	-5.00860	3.03209
.600	2.685	-.03043	.02331	-8.03812	-8.04689	-2.01969	-1.97387	-5.01964	3.02286
.602	5.208	-.02797	-.00299	-8.04800	-8.00956	-2.01911	-1.98545	-5.01553	3.01325
.601	7.686	-.02367	.00131	-8.04916	-8.01852	-2.06249	-2.00222	-5.03310	3.00074
.600	10.219	-.02582	.03117	-8.03579	-8.02539	-2.08216	-1.98626	-5.03240	2.99819
	GRADIENT	-.00257	.00731	-.01610	.01465	-.02583	.00967	-.00440	-.00368

RUN NO. 118/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.799	.064	-.05616	-.00063	-7.97143	-8.02142	-2.04321	-1.98141	-5.00437	2.99206
.801	2.579	-.02621	.00653	-8.03074	-8.01431	-2.04120	-1.98453	-5.01770	3.00483
.802	5.084	-.01533	.01990	-8.01979	-8.01847	-2.04204	-1.98531	-5.01640	3.00273
.798	8.077	-.07988	.00091	-8.05855	-8.01362	-2.03583	-2.00771	-5.02893	3.00716
.798	10.087	-.08433	-.02319	-8.06866	-8.02332	-2.02711	-1.99203	-5.02778	3.01821
.804	12.098	-.03798	.00015	-8.10663	-8.02159	-2.03248	-2.00037	-5.04027	3.02384
.799	15.074	-.06436	-.01845	-8.00159	-8.02142	-2.05965	-1.99141	-5.01852	2.99299
	GRADIENT	.01191	.00285	-.02358	.00283	.00080	-.00124	-.00530	.00508

RUN NO. 44/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.271	.121	-.03873	.00472	-8.01168	-8.03913	-1.96879	-1.97414	-4.99843	3.02697
1.273	2.618	-.03781	-.01088	-8.01720	-8.04660	-2.06596	-1.97818	-5.02698	3.00491
1.271	5.132	-.03474	-.03019	-8.02708	-8.02838	-2.06133	-1.99704	-5.02846	2.99927
1.270	7.615	-.03843	-.02475	-8.02504	-8.05018	-2.00060	-1.97980	-5.01390	3.02371
1.269	10.126	-.04611	-.02284	-8.04451	-8.06870	-2.05902	-1.98006	-5.03807	3.01853
1.272	12.632	-.03812	-.01305	-8.00442	-8.05526	-2.06741	-1.97980	-5.02672	3.00312
1.268	15.121	-.04027	-.00462	-8.01807	-8.06511	-2.00581	-1.97953	-5.01713	3.02446
	GRADIENT	.00037	-.00625	-.00221	-.00299	-.03891	-.00162	-.01143	-.00883

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 47/ 0 RN/L = 3.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.598	.184	-.02306	.03406	-3.05707	-2.93969	3.00579	2.99655	.00140	2.99977
.604	2.701	-.02797	-.00870	-3.05336	-2.99377	2.99532	3.00487	-.01174	3.01183
.601	5.220	-.03258	-.02639	-3.04536	-3.09007	2.97665	3.00326	-.03888	3.02883
.601	7.696	-.03013	.00524	-3.05079	-3.09452	2.93196	3.00379	-.05239	3.02026
.603	10.196	-.03228	.00838	-3.01995	-2.96367	2.97779	3.00969	.00097	2.99277
.602	12.716	-.03043	-.01496	-3.03051	-2.93153	2.98825	2.99548	.00542	2.98644
.600	15.216	-.02839	.00550	-3.04222	-2.94734	2.99561	2.99092	-.00076	2.99402
	GRADIENT	-.00195	-.01699	.00147	-.02149	-.00416	.00331	-.00522	.00479

RUN NO. 119/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.800	.074	-.06312	.05105	-3.01093	-3.01801	2.99207	2.99473	-.01053	3.00394
.800	2.591	-.07167	.05014	-3.02948	-3.00869	2.99584	2.99240	-.01248	3.00660
.801	5.083	-.07702	.05561	-3.01358	-2.99478	2.99765	2.99862	-.00302	3.00116
.800	8.082	-.07631	.05242	-3.03312	-2.98546	2.99027	2.96207	-.01656	2.99273
.800	10.088	-.05884	.05576	-3.00993	-2.97984	2.99584	2.98867	-.00132	2.99357
.799	12.083	-.05402	.05211	-3.04008	-2.98191	2.98616	2.96627	-.01739	2.99360
.799	15.100	-.06133	.04254	-3.05316	-2.99582	2.95680	2.98524	-.02674	2.99776
	GRADIENT	-.00340	-.00036	-.00737	.00370	.00150	-.00093	-.00077	.00106

RUN NO. 45/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.270	.100	-.04611	-.01360	-3.05621	-3.02235	3.01512	2.99602	-.01685	3.02242
1.271	2.652	-.04857	.00629	-3.05050	-3.04029	3.01654	2.96410	-.02754	3.01786
1.270	5.139	-.04918	.03379	-3.03051	-3.04418	2.99645	2.99709	-.02029	3.01706
1.268	7.625	-.04857	.01572	-3.05421	-3.06560	2.98995	2.96169	-.04204	3.01786
1.274	10.139	-.05410	.01650	-3.05593	-3.04919	2.99447	2.97858	-.03301	3.01954
1.269	12.662	-.04673	-.00408	-3.05650	-3.04474	2.95148	2.96598	-.04595	3.00467
1.268	15.130	-.04181	.02096	-3.01738	-3.05002	2.93422	2.95632	-.04421	2.98949
	GRADIENT	-.00096	.00779	.00224	-.00703	.00056	-.01251	-.00419	-.00179

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN027) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 49/ 0 RN/L = 3.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.603	.168	.01052	.03536	1.94509	1.92224	8.04924	8.02849	4.98627	3.05260
.600	2.689	.01426	.05763	1.96501	1.97439	8.06298	8.00258	5.00124	3.03154
.600	5.205	.00842	.06549	1.96474	1.97383	8.07050	8.00310	5.00304	3.03376
.601	7.722	.01029	.05763	1.95872	1.97243	8.06998	8.00412	5.00131	3.03574
.601	10.182	.01356	.02882	1.97234	1.96289	8.07024	8.00643	5.00298	3.03536
.599	12.685	.01566	.04977	1.96606	1.94243	8.07776	7.99437	4.99515	3.04091
.601	15.191	.00678	.05737	1.94588	1.94495	8.06479	7.95710	4.97818	3.03277
	GRADIENT	.00148	.00883	.00790	.02069	.00545	-.01028	.00594	-.00835

RUN NO. 120/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.798	.077	-.02871	.05470	2.00203	1.96927	8.05219	8.08220	5.02642	3.04077
.800	2.601	-.04653	.05105	2.01100	1.98179	8.03189	8.02818	5.01321	3.01682
.798	5.087	-.04636	.03722	2.01389	1.98098	8.02377	8.00229	5.00523	3.00780
.801	8.067	-.04047	.05075	1.99170	1.97675	8.01459	7.99857	4.99540	3.01118
.799	10.054	-.02140	.07035	1.95628	1.97951	8.03159	8.01568	4.99577	3.02787
.799	12.085	-.02746	.06457	2.02422	1.97919	8.01971	8.03503	5.01454	3.01283
.800	15.085	-.03495	.04330	1.95993	1.98000	8.02572	8.02491	4.99764	3.02768
	GRADIENT	-.00706	-.00145	.00355	.00496	-.00804	-.02140	-.00523	-.00949

RUN NO. 48/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.269	.119	.00584	.05344	1.99881	2.01392	8.02460	8.07519	5.02813	3.02176
1.273	2.636	-.04550	.03039	1.96684	1.98700	8.05779	8.01259	5.00606	3.02913
1.271	5.113	-.04181	.04663	1.98309	2.00438	8.04042	7.97949	5.00185	3.00811
1.269	7.618	-.04150	.01284	1.98230	2.00691	8.01630	7.94828	4.98845	2.99384
1.270	10.130	-.04119	.01388	1.96396	2.00859	7.94217	7.94891	4.96591	2.97963
1.272	12.666	-.03781	.02515	1.93985	2.00270	8.03394	8.01361	4.99753	3.02625
1.267	15.131	-.03750	.02384	1.93932	2.00999	7.98519	8.02978	4.99107	3.01641
	GRADIENT	-.02040	-.00916	-.01270	-.01070	.01319	-.02487	-.00877	.00293

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN029) (31 OCT 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 53/ 0 RN/L = 3.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.600	.183	5.70117	.03327	.01994	-.01960	.02695	.03377	.01526	.01509
.600	2.682	5.70049	.03956	-.00812	-.05246	.03573	.00921	-.00391	.02638
.602	5.203	5.70072	.00262	.01554	-.03459	.03361	.00819	.00569	.01521
.601	8.201	5.70089	.00157	.00645	-.04612	.02907	.01714	.00163	.02147
.601	10.205	5.70100	.01074	.00792	-.00692	.00636	-.02725	-.00497	-.00547
.600	12.207	5.70063	.03275	-.00262	-.02825	.02846	.00895	.00164	.01707
.599	15.208	5.70068	.01284	.00616	-.00980	.01241	.03275	.01038	.01220
	GRADIENT	-.00027	.00252	-.01123	-.01315	.00351	-.00983	-.00767	.00452

RUN NO. 117/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.802	.081	5.70222	.01367	-.01717	-.03477	.00018	.00341	-.01209	.01388
.805	2.581	5.70250	.00289	-.07399	-.03561	.01387	.00697	-.02219	.03261
.799	5.077	5.70251	.01489	-.02993	-.03360	-.00045	.00564	-.01459	.01718
.798	8.072	5.70290	.01322	-.01699	-.05601	-.01543	.01988	-.01764	.01986
.799	10.109	5.70388	-.00899	-.01033	-.03243	.01177	.00549	-.00638	.01501
.799	12.074	5.70416	-.01767	.02007	-.03411	-.00163	.01588	.00005	.00707
.799	15.092	5.70091	-.00520	.02211	-.03544	-.00727	-.00274	-.00584	.00083
	GRADIENT	.00011	-.00431	-.02273	-.00034	.00548	.00142	-.00404	.00749

RUN NO. 116/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.899	2.571	5.70022	-.00205	.01344	-.03327	.01528	.02255	.00450	.01442
.902	5.082	5.69999	-.00883	.05306	-.03177	.01212	.03250	.01648	.00583
.898	8.051	5.69970	.01170	.02772	-.03126	.01616	.02760	.01005	.01182
.899	10.061	5.69968	-.00584	.01310	-.03026	.01721	.02048	.00513	.01371
.901	12.067	5.69947	-.01057	.01157	-.02959	.00896	.00727	-.00045	.00856
.901	15.097	5.69870	.00881	.01106	-.02909	-.00505	.01677	-.00158	.00744
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN029) (31 OCT 80)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. XO		
LREF =	474.8100	INCHES	YMRP =	.0000	IN. YO		
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO		
SCALE =	.0500						

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 58/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.249	.091	5.70124	-.01360	-.01048	-.00922	.01120	.02712	.00465	.01451
1.252	2.596	5.70138	-.03726	-.01493	-.01557	-.01407	.02917	-.00385	.01140
1.252	5.143	5.70149	-.01469	.00059	-.01585	-.04196	.01407	-.01079	-.00315
1.251	8.103	5.70210	-.00761	.02874	-.00865	-.00614	.01023	.00605	-.00400
1.249	10.094	5.70147	-.00462	-.00262	.00227	-.01458	-.02364	-.00964	-.00947
1.249	12.089	5.70098	-.02774	-.01310	.00681	-.00102	.00614	-.00029	.00285
1.250	15.130	5.70203	-.02475	.02668	.00959	.01574	.02175	.01844	.00030
	GRADIENT	.00006	-.00945	-.00178	-.00253	-.01009	.00082	-.00339	-.00124

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN031) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. XO		
LREF =	474.8100	INCHES	YMRP =	.0000	IN. YO		
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO		
SCALE =	.0500						

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	.000
PHI =	.000		

RUN NO. 129/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.901	.134	-.06151	.02978	-.00805	-.06922	-.03161	-.00242	-.02782	.01081
.900	2.647	-.06062	.03054	.02840	-.05467	-.01692	.00683	-.00909	.00404
.900	5.156	-.06133	.03464	-.01626	-.05300	-.01514	.00727	-.01928	.01535
.900	8.148	-.04636	.02553	-.00243	-.04263	-.02745	-.03000	-.02563	-.00310
.900	10.146	-.05420	.02233	-.00912	-.05367	-.02745	-.00758	-.02445	.00694
.900	12.137	-.08005	.02689	-.02097	-.05785	-.05609	.00000	-.03373	.00568
.899	15.133	-.06312	.02173	-.07035	-.04915	-.01929	-.00323	-.03550	.02425
	GRADIENT	.00035	.00030	.01450	.00579	.00585	.00368	.00745	-.00269

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN031) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000
PHI = .000

RUN NO. 125/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.951	.123	-.06151	.03069	.02432	-.05216	-.02997	.01736	-.01011	.00381
.954	2.647	-.06169	.01155	.02143	-.04564	-.02908	.01810	-.00880	.00331
.953	5.138	-.06169	.03206	.00085	-.05149	-.03843	-.00371	-.02320	.00213
.948	8.138	-.07613	.01702	-.02021	-.04430	-.02419	.02241	-.01657	.01568
.950	10.169	-.07043	.03647	-.02735	-.05534	-.03413	.01751	-.02483	.01652
.948	12.149	-.05652	.03571	.00748	-.03427	.00018	.01365	-.00324	.01015
.950	15.129	-.06650	.03905	-.03236	-.03912	-.01157	.02626	-.01420	.02154
	GRADIENT	-.00007	-.00758	-.00115	.00258	.00035	.00029	.00052	-.00020

RUN NO. 124/ 0 RN/L = 3.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.979	.124	-.07274	.03054	-.00243	-.05785	-.01514	.02582	-.01240	.01774
.983	2.647	-.06650	.02309	.03844	-.05183	-.01795	.02523	-.00153	.00517
.980	5.151	-.06597	.01535	.04303	-.03595	-.03532	-.01065	-.00972	-.01326
.978	8.148	-.07827	.02598	-.01140	-.05500	-.02419	.03086	-.01493	.01827
.980	10.150	-.06098	.01033	.00408	-.04247	-.02908	.04481	-.00566	.01353
.980	12.134	-.07060	.01276	-.04437	-.04430	-.03710	-.00597	-.03293	.01140
.980	15.143	-.06133	.00851	.01106	-.03661	-.00890	.00712	-.00683	.00594
	GRADIENT	.00247	-.00295	.01620	.00239	-.00111	-.00023	.00431	-.00498

RUN NO. 121/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.251	.124	-.09093	-.04684	.04439	-.00836	-.00697	.02775	.01420	-.00381
1.253	2.632	-.07952	.01702	.01752	-.02508	-.05164	-.06968	-.03222	-.02844
1.252	5.149	-.08237	-.00804	.00442	-.00970	-.00683	-.04242	-.01363	-.01099
1.248	8.142	-.08594	.01489	.03351	-.02006	-.03175	-.03919	-.01438	-.02110
1.249	10.157	-.09610	-.03107	-.02568	-.01254	-.01543	.02537	-.00707	.01204
1.246	12.142	-.09450	-.01498	-.03160	.00307	-.00208	.02077	-.00246	.01181
1.237	15.126	-.09753	.00182	-.07354	-.01204	-.01469	.00519	-.02377	.01902
	GRADIENT	.00455	.02546	-.01071	-.00667	-.01781	-.03885	-.01851	-.00982

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN032) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = 5.000
PHI = .000

RUN NO. 128/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.903	.143	5.69965	.02720	-.00015	-.06570	-.02626	.00608	-.02151	.01142
.903	2.653	5.70216	.04300	.00085	-.05300	-.02508	-.00484	-.02052	.00556
.901	5.133	5.70082	.04072	-.00927	-.05551	-.01751	-.00903	-.02283	.00956
.900	8.140	5.70106	.02613	-.01352	-.05551	-.01632	-.01161	-.02424	.01027
.900	10.135	5.70121	.04011	-.03008	-.04364	-.01810	-.04758	-.03485	.00201
.900	12.109	5.70000	.02127	-.01854	-.04748	-.03695	-.00935	-.02808	.00493
.899	15.134	5.69693	.03692	-.00213	-.04414	-.03175	.00030	-.01943	.00370
	GRADIENT	.00100	.00629	.00040	.00506	.00047	-.00435	.00039	-.00233

RUN NO. 126/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.951	.136	5.70027	.03327	.00136	-.05300	-.00341	.03205	-.00575	.02007
.951	2.640	5.69957	.03251	-.00228	-.04163	-.00801	.02968	-.00556	.01639
.950	5.139	5.69882	.01580	-.00425	-.05868	-.00890	.02181	-.01251	.01896
.951	8.149	5.69905	.03160	-.00182	-.04397	-.00772	.02255	-.00774	.01516
.952	10.151	5.69938	.03692	-.00258	-.04564	-.03354	.02730	-.01361	.01050
.947	12.155	5.69897	.04513	-.03039	-.05684	-.04808	-.01500	-.03758	.00604
.951	15.151	5.69988	.03738	.02874	-.04063	-.00505	.00134	-.00390	.00204
	GRADIENT	-.00028	-.00030	-.00145	.00454	-.00184	-.00095	.00008	-.00147

RUN NO. 123/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.979	.134	5.70430	.02841	.01718	-.05066	-.00861	.02701	-.00377	.01297
.981	2.654	5.70278	.01595	-.00927	-.03778	-.00297	.01083	-.00980	.01373
.980	5.132	5.70332	.01140	-.00076	-.03611	-.01291	.01781	-.00799	.01044
.980	8.118	5.70317	.01611	-.04042	-.03076	-.00786	.01098	-.01702	.01857
.982	10.159	5.70413	.04740	.02619	-.04598	-.02404	.00683	-.00925	.00064
.981	12.142	5.70426	.03768	.00646	-.03962	-.00935	-.00435	-.01172	.00486
.982	15.124	5.70320	.02507	-.02750	-.04581	-.01795	-.03065	-.03048	.00618
	GRADIENT	-.00060	-.00494	-.01050	.00511	.00224	-.00642	-.00239	.00030

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN032) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	5.000
PHI =	.000		

RUN NO. 122/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
1.251	.131	5.70244	.01459	.03385	-.00953	-.01024	.03205	.01153	-.00063
1.251	2.629	5.70214	-.01830	.00204	-.02290	-.02092	.00920	-.00815	.00229
1.251	5.140	5.70182	-.01089	-.02233	-.01053	-.03472	.02404	-.01089	.00555
1.249	8.136	5.70229	-.01688	.02721	-.00635	.00790	.00816	.00923	-.00120
1.248	10.147	5.70109	-.01214	-.02279	-.02073	-.02419	.00935	-.01459	.00717
1.246	12.132	5.70221	.00577	.02738	-.01655	-.03265	-.00355	-.00634	-.01176
1.236	15.148	5.70216	.00441	.01020	-.01973	-.02612	-.00194	-.00939	-.00463
	GRADIENT	-.00012	-.01317	-.01273	-.00535	-.00428	-.00915	-.00788	.00117

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 51/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.599	-20.015	.00187	.04558	-19.98347	-19.97690	-20.05956	-20.03954	-.03468
.600	-15.008	.00538	.05580	-15.00262	-15.00526	-14.99919	-15.02420	-.00388
.600	-12.521	.00304	.07387	-12.49744	-12.51727	-12.53442	-12.53464	-.01359
.600	-9.996	.00351	.05003	-10.00455	-9.94969	-9.99559	-10.03352	-.01872
.601	-5.027	.00187	.07597	-5.02840	-4.99651	-5.06152	-5.01964	-.01406
.602	-4.010	-.07439	.02200	-3.98507	-3.99997	-4.06225	-3.99185	-.01726
.601	-2.013	-.11804	.01912	-2.00451	-2.05830	-2.03791	-1.95016	.01869
.601	-.999	-.11712	.05527	-.99286	-.98958	-1.00586	-1.00620	-.00741
.601	-.002	.02572	.04296	-.00969	-.03027	-.00281	.03326	.01760
.600	1.964	.02431	.04506	1.96658	1.89683	1.99072	2.00316	.03262
.601	4.000	.02455	.04558	3.99919	4.00032	4.01593	3.98597	.00060
.600	5.002	.02642	.04506	5.00194	4.99094	5.01870	4.99586	.00542
.601	9.994	.02198	.03013	9.98217	9.98980	9.97972	10.02429	.00801
.601	12.514	.02081	.00917	12.51371	12.47970	12.52288	12.54026	.01743
.599	15.001	.02291	.02410	15.01588	14.98934	14.98124	15.01600	-.00200
	GRADIENT	.01856	.00317	.99717	.99729	1.00920	.99638	.00278

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 110/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.799	-20.035	-.01506	.04768	-19.99474	-20.00809	-20.07887	-20.05975	-.03395
.801	-15.023	-.01691	.05554	-14.98749	-15.06602	-15.01695	-15.02171	.00371
.802	-12.521	-.01230	.03275	-12.47434	-12.53356	-12.55374	-12.52340	-.01731
.802	-10.025	-.00984	.04742	-10.01159	-10.00699	-10.03279	-10.04761	-.01546
.801	-5.252	-.01629	.03720	-5.01141	-5.00229	-5.00193	-5.99330	-.24538
.801	-4.027	-.00891	.04060	-3.98797	-4.04148	-4.06327	-4.01671	-.01263
.802	-2.007	-.01629	.04087	-1.99971	-2.01254	-2.03126	-1.98438	-.00085
.801	-1.022	-.01476	.01677	-.98884	-1.02936	-1.05293	-1.01697	-.01293
.800	-.015	-.02705	.02541	-.01284	-.04266	.00061	-.00334	.01319
.800	1.992	-.01260	.02986	1.96579	1.98168	2.00144	2.01927	.01831
.799	4.014	-.02306	.02070	4.00305	4.04523	4.01126	3.99494	-.01077
.801	5.009	-.01107	.02882	5.01956	5.01650	4.99092	5.00764	-.00937
.800	10.018	.00187	.03615	9.98489	10.02307	10.01909	10.04451	.01391
.800	12.526	-.00584	.03694	12.54853	12.49438	12.53493	12.52437	.00410
.801	15.014	-.00338	.04349	14.99843	15.01026	15.02367	15.02461	.00990
	GRADIENT	-.00126	-.00217	.99286	1.00438	1.00538	.99747	.00140

RUN NO. 103/ 0 RN/L = 3.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.049	-20.040	-.03074	.00472	-19.99776	-20.06895	-20.05332	-20.03954	-.00654
1.052	-15.025	-.02797	.00052	-14.98692	-15.02086	-15.05476	-15.03792	-.02122
1.050	-12.522	-.03351	.01336	-12.49160	-12.50581	-12.54010	-12.55230	-.02375
1.053	-10.009	-.02551	.01598	-9.97639	-10.01982	-10.00626	-10.03271	-.01069
1.051	-5.009	-.02920	.00681	-5.00230	-4.99401	-5.00855	-5.03157	-.01095
1.050	-4.015	-.01291	.01939	-3.96715	-4.03374	-4.04699	-4.01216	-.01456
1.051	-2.011	-.01476	.02567	-2.02854	-1.99661	-2.04254	-1.97656	.00151
1.051	-1.002	-.01537	.03144	-.97764	-1.00831	-1.02603	-.99722	-.00932
1.051	.002	.00094	.02358	.01554	-.04036	.01332	.01868	.01420
1.050	2.002	-.00307	.03353	1.96186	1.99822	2.02226	2.02428	.02162
1.050	4.016	-.00861	.03222	4.01298	4.04248	4.00412	4.00391	-.01186
1.049	5.010	-.00953	.03956	5.02720	5.00848	5.00696	4.99908	-.00741
1.049	10.022	-.00953	.02934	9.98613	10.04333	10.02463	10.03454	.00743
1.050	12.519	-.00922	.05108	12.48974	12.49989	12.55282	12.53515	.02459
1.050	15.030	-.00584	.01284	15.00406	15.01939	15.03823	15.05797	.01819
	GRADIENT	.00115	.00154	.99345	1.00355	1.00480	.99811	.00148

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 39/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.099	-20.046	-.03504	.04558	-19.98539	-20.11043	-20.04114	-20.04582	.00222
1.100	-15.009	-.03351	.03117	-14.99758	-14.98172	-15.02297	-15.03449	-.01954
1.101	-12.509	-.03474	.03694	-12.49896	-12.48036	-12.52852	-12.52768	-.01922
1.101	-9.997	-.04119	.04951	-10.01511	-9.95054	-9.98278	-10.04138	-.01463
1.102	-5.011	-.03627	.02698	-5.02112	-4.98153	-5.01986	-5.02316	-.01009
1.102	-4.033	-.03258	.02593	-4.01963	-4.05721	-4.04326	-4.01109	.00562
1.100	-2.004	-.03720	.04322	-2.01695	-2.01746	-2.00725	-1.97279	.01359
1.100	-.999	-.03474	.00995	-.97659	-.99678	-1.01750	-1.00620	-.01258
1.100	.001	-.03258	.03903	-.00079	-.02018	.01998	.00640	.01184
1.100	1.996	-.03873	.05527	1.97759	1.93009	2.03131	2.04303	.04167
1.100	4.004	-.03043	.03117	4.00153	4.00281	4.00329	4.00784	.00170
1.101	5.015	-.03197	.04427	4.99666	4.99370	5.03274	5.03681	.01980
1.100	9.997	-.03258	.04768	9.97748	9.39494	9.97682	10.03952	.01098
1.100	12.511	-.03289	.02436	12.49504	12.50570	12.52316	12.52040	.01071
1.099	15.013	-.02890	.04689	14.98690	15.03108	14.99604	15.03788	.00399
	GRADIENT	.00014	.00169	.99764	.99914	1.00335	.99959	.00154

RUN NO. 35/ 0 RN/L = 3.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.201	-20.023	-.02582	.03877	-19.99721	-19.99901	-20.04916	-20.04828	-.02531
1.202	-15.016	-.02828	.04008	-14.99814	-15.04111	-15.00664	-15.01766	.00374
1.201	-12.519	-.02767	.06051	-12.52028	-12.47782	-12.50898	-12.56782	-.01967
1.202	-10.000	-.02674	.04925	-9.98370	-9.96308	-10.02669	-10.02622	-.02653
1.200	-5.011	-.02797	.06104	-5.01778	-5.05384	-4.95117	-5.02208	.02459
1.200	-4.005	-.02551	.02305	-4.02785	-3.94852	-4.03546	-4.00922	-.01708
1.199	-2.015	-.03043	.03170	-2.02995	-1.98241	-2.06538	-1.98033	-.00834
1.201	-1.007	-.03258	.03825	-.99232	-1.01552	-1.02526	-.99305	-.00262
1.200	.021	-.01967	.05318	.01965	.05122	.01181	.00051	-.01464
1.201	2.018	-.02767	.05134	1.99148	2.01027	2.04178	2.02904	.01727
1.199	3.999	-.02828	.06994	3.98624	4.00606	4.01868	3.98625	.00316
1.200	5.031	-.02644	.05449	5.02455	5.00873	5.08217	5.01005	.01473
1.200	10.017	-.02797	.04768	9.97649	10.03637	10.03282	10.02124	.01030
1.201	12.513	-.02767	.04480	12.52532	12.48888	12.55023	12.48608	.00553
1.201	15.040	-.02674	.03091	15.01306	15.03336	15.06290	15.05223	.01718
	GRADIENT	-.00000	.00570	.99980	.99386	1.00872	.99775	.00320

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN033) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 52/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.272	-20.044	.03226	-.00272	-20.01315	-20.04897	-20.05510	-20.05702	-.01250
1.269	-15.023	.03226	-.02719	-14.99029	-15.04029	-15.03271	-15.02732	-.00736
1.269	-12.495	.03390	-.00272	-12.49566	-12.39204	-12.55328	-12.54052	-.05153
1.270	-10.004	.03179	-.01033	-10.02296	-9.93657	-10.01297	-10.04165	-.02377
1.270	-5.003	.02642	-.00680	-4.99775	-4.97853	-4.99834	-5.03916	-.01530
1.270	-4.029	.03483	.00969	-4.01286	-4.05721	-4.04088	-4.00388	.00633
1.270	-2.012	.02595	.00576	-2.01638	-2.01486	-2.03299	-1.98276	.00387
1.270	-1.004	.02034	-.01713	-.97686	-1.00082	-1.04103	-.99889	-.01556
1.269	-.007	.03366	-.02774	.00381	-.03661	-.00844	.01126	.00890
1.270	1.999	.03273	.00943	1.99017	1.98308	1.99674	2.02455	.01201
1.270	3.996	.03366	-.01985	4.00840	4.01903	3.96675	3.99158	-.01727
1.272	5.018	-.14848	.03615	5.02162	5.06410	4.97746	5.01058	-.02442
1.271	10.007	-.12204	.01572	9.97476	10.05633	9.97365	10.02235	-.00877
1.272	12.498	-.11712	.02489	12.49554	12.48459	12.52234	12.49090	.00828
1.272	15.030	-.11159	-.00734	15.01419	15.02737	15.03946	15.03967	.00939
	GRADIENT	.00045	-.00245	.99897	1.00408	.99970	.99721	-.00153

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN034) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 43/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	EDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.602	-20.030	-.02336	.02960	-20.02002	-19.98266	-20.07293	-20.04500	-.02881
.601	-15.052	-.02428	.03667	-14.97347	-15.17904	-15.04044	-15.01423	.02446
.601	-12.498	-.02551	.00393	-12.51114	-12.46025	-12.51693	-12.50333	-.01222
.599	-9.993	-.02459	.02803	-9.98587	-9.95026	-9.99132	-10.04544	-.02516
.600	-5.004	-.02705	.06313	-5.00746	-4.96905	-5.02510	-5.01286	-.01536
.601	-4.021	-.02459	.04191	-3.98628	-4.03574	-4.07243	-3.98757	-.00949
.601	-1.979	-.02982	.05632	-2.02119	-1.90363	-2.01477	-1.97522	-.01629
.601	-.999	-.02982	.04558	-.98563	-.98842	-1.03095	-.99277	-.01242
.601	-.004	-.02275	.04977	.01056	-.02306	-.00870	.00588	.00242
.601	1.996	-.02306	.05030	1.98781	1.95785	2.00719	2.03062	.02304
.602	4.005	-.02459	.05449	4.00025	3.99807	4.01731	4.00307	.00551
.600	5.019	-.02275	.04794	5.02338	5.05483	5.00753	4.98944	-.02031
.600	10.022	-.02428	.00472	9.99576	10.07055	9.97285	10.05005	-.01085
.600	12.503	-.02152	.02829	12.49176	12.45737	12.54556	12.51813	.02864
.599	15.038	-.02982	-.00435	14.97705	15.09152	15.03132	15.05366	.00410
	GRADIENT	.00043	.00104	.99747	.99504	1.00890	.99823	.00366

RUN NO. 32/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.801	-19.979	.01730	.02672	-20.01315	-19.81232	-20.04649	-20.04363	-.06616
.801	-15.027	.00818	.02070	-15.00627	-15.02934	-15.02669	-15.04633	-.00935
.801	-12.511	.00748	.02855	-12.49668	-12.45313	-12.58532	-12.51002	-.03638
.800	-10.014	.00865	.02043	-10.05979	-9.95539	-10.00535	-10.03704	-.00680
.801	-4.962	-.00799	.01598	-5.00989	-4.80805	-5.01407	-5.01611	-.05306
.803	-3.990	.00795	.02803	-3.98580	-3.91598	-4.06327	-3.99452	-.03900
.801	-1.981	.00257	.02331	-2.02627	-1.90160	-2.02836	-1.96875	-.01731
.802	-1.002	.00351	.02541	-.98375	-.97718	-1.02526	-1.02074	-.02127
.802	-.022	.00631	.02698	-.00917	-.08042	-.01407	.01433	.02246
.799	1.981	.01333	.00183	1.98571	1.91860	2.02113	1.99947	.02907
.800	3.982	.00935	.00288	4.00840	3.93894	3.99533	3.98569	.00842
.800	5.019	.00771	.02358	5.00547	5.04155	5.02672	5.00389	-.00410
.801	10.003	.01029	.01703	9.97995	10.01127	10.01750	10.00269	.00724
.800	12.530	.00865	.02043	12.52759	12.52253	12.56086	12.51047	.00530
.800	15.024	.01660	.02358	14.98690	15.06358	15.03379	15.01205	-.00116
	GRADIENT	.00154	-.00236	1.00638	.97686	1.01139	1.00542	.00839

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN034) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 37/ 0 RN/L = 3.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.052	-20.019	-.03750	.03091	-20.02249	-19.96479	-20.03936	-20.04882	-.02522
1.050	-15.017	-.03258	.03956	-15.01468	-14.98802	-15.02440	-15.04072	-.01561
1.051	-12.524	-.03258	.05475	-12.49465	-12.52846	-12.53056	-12.54347	-.01273
1.051	-9.767	-.03627	.05108	-9.03919	-9.96532	-9.98918	-10.05438	-.25476
1.051	-5.002	-.03105	.05999	-5.01748	-4.93760	-5.02290	-5.03184	-.02492
1.050	-4.041	-.02828	.05763	-4.00803	-4.09365	-4.06666	-3.99693	.00952
1.050	-1.988	-.03412	.05632	-2.04493	-1.90797	-2.00899	-1.99111	-.01180
1.051	-1.008	-.03750	.06837	-.99179	-1.02878	-1.00198	-1.00916	.00236
1.050	.003	-.02951	.01546	2.00825	1.94047	-1.85155	-2.08672	-1.97175
1.050	4.009	-.03474	.05580	4.01731	4.01953	4.02060	3.98008	-.00904
1.050	5.007	-.02521	.06130	5.02132	5.00121	4.99779	5.00898	-.00394
1.050	10.015	-.03228	.02148	9.97921	10.03395	10.01169	10.03620	.00868
1.050	12.499	-.03136	.03694	12.50866	12.47572	12.52070	12.49175	.00702
1.051	15.020	-.03136	.04977	14.99224	15.02480	15.01306	15.05043	.01161
	GRADIENT	-.00053	-.00103	1.03423	1.03672	.97301	.95637	-.03539

RUN NO. 41/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.270	-20.026	-.10083	.06130	-20.00408	-20.01566	-20.04649	-20.03954	-.01657
1.271	-15.021	-.10021	.03117	-14.99505	-15.04357	-15.02297	-15.02327	-.00190
1.272	-12.536	-.04150	.01284	-12.53525	-12.53839	-12.54260	-12.52955	.00037
1.272	-9.991	-.03412	.04715	-10.00780	-9.94113	-9.97882	-10.03677	-.01666
1.272	-5.023	-.03381	.03798	-5.03963	-4.99076	-5.02510	-5.03509	-.00745
1.272	-4.028	-.03228	.03301	-3.98870	-4.05022	-4.07039	-4.00414	-.00890
1.271	-2.009	-.03812	.02541	-2.01497	-2.01514	-2.04225	-1.96390	.00599
1.271	-1.015	-.04058	.04820	-.97921	-1.03916	-1.05216	-.98943	-.00580
1.271	-.010	-.03966	.02803	-.02672	-.04324	-.00819	.03684	.02465
1.272	1.991	-.02920	.01100	1.98466	1.96093	2.00824	2.00871	.01784
1.272	3.996	-.02890	.02227	3.99407	3.99183	3.99588	4.00167	.00291
1.271	5.005	-.03197	.03615	4.98227	4.99821	5.01355	5.02530	.01459
1.271	10.022	-.02920	.03065	9.98143	10.05240	10.04286	10.01044	.00487
1.271	12.509	-.03013	.04584	12.49226	12.51732	12.49743	12.52721	.00376
1.271	15.037	-.03043	.04113	15.01644	15.04676	15.03996	15.04434	.00527
	GRADIENT	.00091	-.00225	.99525	1.00070	1.00712	.99694	.00203

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN035) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 98/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.802	-20.030	-.03597	.07335	-20.00023	-20.03292	-20.04381	-20.04227	-.01323
.801	-15.023	-.03166	.05868	-14.98777	-15.03673	-15.01953	-15.04633	-.01034
.801	-12.528	-.03258	-.00544	-12.52713	-12.50505	-12.54510	-12.53357	-.01162
.799	-10.033	-.03043	-.00381	-10.02567	-10.00328	-10.05444	-10.04734	-.01821
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 88/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.049	-20.034	-.12081	.03222	-19.99171	-20.00749	-20.06194	-20.07340	-.03403
1.050	-15.013	-.12634	.03353	-14.98580	-14.97324	-15.04044	-15.05194	-.03334
1.051	-12.525	-.12542	.01755	-12.48170	-12.52363	-12.53965	-12.55578	-.02252
1.052	-10.021	-.12081	.04165	-9.98695	-10.03407	-10.02303	-10.04002	-.01051
1.049	-5.016	-.12511	.03222	-4.98956	-4.99626	-5.04000	-5.03726	-.02286
1.050	-4.022	-.11312	.02200	-3.98628	-4.02527	-4.09006	-3.98543	-.01598
1.051	-2.005	-.11835	.00655	-1.99575	-2.02181	-2.03588	-1.96633	.00384
1.051	-1.023	-.11712	-.00136	-.99286	-1.03858	-1.02991	-1.02909	-.00689
1.051	.001	-.10698	-.02203	.01906	-.03517	.00757	.01177	.00886
1.051	2.000	-.10944	-.04677	1.98414	1.99962	2.03273	1.98336	.00808
1.051	4.031	-.11159	-.07125	4.03818	4.04872	4.02170	4.01737	-.01196
1.051	5.020	-.10728	-.08240	5.02837	5.04756	5.01068	4.99265	-.01815
1.050	10.024	-.10851	.07414	9.99156	10.06238	10.02199	10.02180	-.00254
1.051	12.522	-.11343	.06916	12.50034	12.53660	12.51522	12.53714	.00386
1.050	15.018	-.09868	.08383	15.00265	15.01311	15.00394	15.05402	.01055
	GRADIENT	.00069	-.01210	.99561	1.00301	1.00866	.99278	.00071

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN036) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 76/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.802	-20.025	-.02244	.02803	-19.99336	-20.00537	-20.04322	-20.05783	-.02558
.802	-15.019	-.02367	.03746	-15.00038	-14.98939	-15.04359	-15.04103	-.02371
.802	-12.509	-.02213	.01598	-12.49921	-12.46102	-12.53442	-12.54133	-.02888
.801	-10.036	-.01445	.03275	-10.00347	-10.06201	-10.02852	-10.04978	-.00320
.801	-5.012	-.01875	.05789	-4.99988	-5.01919	-5.00248	-5.02804	-.00287
.802	-3.995	-.01199	.03170	-4.00924	-3.90997	-4.06123	-4.00040	-.03563
.800	-2.005	-.02674	.03039	-2.03136	-1.97807	-2.03328	-1.97575	.00010
.801	-1.017	-.01998	.03301	-.96559	-1.02157	-1.05966	-1.02182	-.02358
.801	.001	-.01506	.03275	.01232	-.02681	-.00793	.02814	.00868
.801	1.990	-.02121	.02986	1.95950	1.95981	2.01686	2.02481	.03059
.800	3.762	-.01691	.01388	4.00840	4.03974	3.01541	3.98373	-.26225
.799	4.984	-.02029	.02567	4.97640	4.97190	4.98634	5.00015	.00955
.802	10.015	-.01967	.01598	9.99107	10.06752	9.98870	10.01432	-.01389
.801	12.508	-.02367	.02593	12.52456	12.50448	12.50263	12.50111	-.00632
.800	15.014	-.01629	.01755	14.99027	14.99220	15.02737	15.04434	.02231
	GRADIENT	-.00024	-.00139	1.01231	1.00593	.96903	1.01262	-.00915

RUN NO. 69/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.051	-20.026	-.02890	.03170	-20.00628	-20.02414	-20.05243	-20.02206	-.01102
1.050	-15.021	-.02644	.03798	-15.00459	-15.00417	-15.05276	-15.02389	-.01697
1.051	-12.511	-.02674	.02148	-12.50251	-12.47807	-12.53147	-12.53036	-.02031
1.051	-10.007	-.02859	.02672	-9.99426	-9.95596	-10.02608	-10.05113	-.03175
1.049	-5.006	-.02336	.05999	-5.04600	-4.95382	-5.00883	-5.01503	-.00601
1.051	-4.026	-.02213	.05449	-3.98024	-4.06744	-4.04495	-4.01109	-.00209
1.051	-2.026	-.02797	.04715	-2.04125	-2.05975	-2.03126	-1.97306	.02417
1.051	-1.022	-.02490	.04637	-.98107	-1.05905	-1.04983	-.99972	-.00236
1.050	.003	-.00738	.04480	.00997	.00555	-.01202	.00972	-.00446
1.051	1.998	-.01137	.03301	1.98623	2.00046	2.00301	2.00263	.00474
1.050	4.003	-.01445	.01493	4.00433	4.02826	3.99340	3.98597	-.01330
1.051	5.005	-.01691	.00733	5.02749	4.99345	4.99235	5.00657	-.00550
1.051	10.026	-.01906	.00786	9.98193	10.07720	10.01010	10.03454	-.00362
1.050	12.526	-.01506	.01572	12.48722	12.54608	12.54193	12.52919	.00946
1.052	15.024	-.01844	.00891	15.00772	15.02167	15.02047	15.04685	.00948
	GRADIENT	.00173	-.00470	.99511	1.00885	1.00180	.99432	-.00196

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 30/ 0 RN/L = 3.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.600	-20.006	-.01783	.03054	-23.08806	-22.92703	-17.03059	-16.97889	3.00141
.598	-15.037	-.01319	.00425	-18.01994	-18.06814	-12.02783	-12.03306	3.00680
.602	-12.002	-.01462	.05698	-15.02390	-14.98238	-8.99557	-9.00709	3.00090
.600	-10.030	-.01712	.04497	-13.04849	-13.06014	-6.98762	-7.00373	3.03432
.600	-5.021	-.01551	-.01025	-7.99367	-8.07148	-2.03600	-1.98187	3.01182
.601	-4.007	-.01302	-.00252	-7.05224	-6.92643	-1.04270	-1.00609	2.98247
.601	-2.006	-.01872	-.01025	-5.00605	-5.06943	1.03557	1.01584	3.03172
.602	-1.000	-.01622	.03783	-3.99962	-4.03043	2.01924	2.01249	3.01545
.602	-.022	-.01836	.04862	-3.05631	-3.01032	2.99059	2.98696	3.01104
.600	2.009	-.02104	.05455	-.97863	-.98674	5.01338	4.98678	2.99138
.601	3.997	-.00820	-.00205	.97540	.98613	6.99165	7.03375	3.01597
.601	4.986	-.02086	.02477	1.99261	1.91935	8.03369	7.99902	3.03019
.599	9.963	-.01373	.02522	6.96049	6.34993	12.96827	12.97300	3.00771
.598	12.005	-.00998	.06685	9.00095	8.97930	15.02344	15.01554	3.01468
.601	14.974	-.00731	.01717	12.00732	12.02763	18.03239	17.83023	2.95692
	GRADIENT	-.00011	.00206	1.00313	.99230	1.00342	1.00104	.00226

RUN NO. 28/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.799	-19.986	.00217	.01793	-23.10855	-22.84552	-16.99707	-16.99370	2.99083
.801	-15.038	.00434	.01109	-18.01174	-18.06323	-12.04434	-12.03166	2.99975
.801	-12.003	.00393	.04725	-14.98862	-15.03206	-8.98770	-9.00220	3.00770
.803	-10.017	.00434	.04832	-13.04429	-12.98360	-7.00864	-7.03085	2.99710
.801	-5.023	.00136	.00927	-8.04591	-8.06265	-2.01503	-1.96891	3.03115
.802	-4.028	.00719	.05014	-7.01195	-7.06367	-1.02515	-1.01141	3.00977
.801	-1.966	.00014	.03844	-5.01749	-4.87448	1.00888	1.01936	2.98005
.800	-.993	.00502	.05151	-4.00243	-3.99274	2.01697	2.00575	3.00447
.799	-.020	.00054	.03510	-3.04852	-3.03274	2.99634	3.00329	3.02022
.800	2.016	.00095	.01383	-.96769	-.98356	4.99860	5.01580	2.99141
.800	3.986	.01017	.04497	.95975	.98970	6.98396	7.01021	3.01118
.800	4.978	-.01908	.02233	1.96358	1.92927	8.02121	7.99946	3.03196
.800	9.994	-.02728	.03388	6.99324	6.98098	12.99594	13.00593	3.00691
.799	11.994	-.02407	.05394	8.97460	8.96610	15.03060	15.00285	3.02318
.799	14.962	-.02247	.04072	12.00527	11.97884	18.03750	17.82745	2.97021
	GRADIENT	-.00141	-.00246	.99935	.99587	1.00289	1.00199	.00242

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 26/ 0 RN/L = 3.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.901	-20.004	-.01319	.02218	-23.10790	-22.91532	-17.02816	-16.96651	3.00714
.901	-15.043	-.02621	.04968	-18.02027	-18.07749	-12.03873	-12.03476	3.00607
.902	-12.029	-.02764	.01595	-15.03203	-15.07889	-9.00712	-8.99630	3.02688
.902	-10.021	-.03744	.03981	-13.02489	-13.03719	-7.01291	-7.00994	3.00981
.904	-5.000	-.02817	.01428	-8.00378	-7.98209	-2.03466	-1.97937	2.99296
.901	-4.026	-.03405	.02112	-7.03522	-7.04850	-1.01615	-1.00219	3.01635
.899	-1.999	-.03673	.01398	-5.00534	-4.99797	.99500	1.01312	3.00286
.901	-.997	-.03637	.03555	-4.01140	-4.00468	2.01894	2.00942	3.01111
.900	-.027	-.03869	-.00442	-3.05482	-3.03419	2.99223	2.98696	3.01705
.899	1.999	-.04047	-.00757	-.98684	-1.01800	4.98614	5.01316	3.00103
.900	3.989	-.02799	.01732	.98050	.98516	6.98487	7.00564	3.00621
.900	5.005	-.02942	.02765	1.99914	1.97366	8.03279	8.01479	3.01869
.898	9.988	-.03067	.03798	7.00227	6.34885	13.01579	12.98424	3.01223
.902	12.003	-.03227	.02309	8.96778	8.97440	15.03532	15.03531	3.03211
.899	14.957	-.03245	.02401	11.99151	11.99498	18.02426	17.81911	2.96422
	GRADIENT	-.00023	-.00144	1.00049	.99874	1.00125	.99931	.00033

RUN NO. 24/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.950	-20.009	-.00784	.04102	-23.09952	-22.96154	-17.00144	-16.97221	3.02185
.952	-15.040	-.01551	.05257	-17.99770	-18.05986	-12.07066	-12.03197	2.98873
.952	-11.999	-.01230	.06002	-14.97707	-15.02238	-8.99015	-9.00473	3.00114
.951	-10.018	-.00784	.01489	-13.02279	-12.99025	-7.00927	-7.05159	2.98804
.950	-5.018	-.00428	.04345	-8.00328	-8.02835	-2.04187	-1.99750	2.99806
.951	-4.012	-.01551	.01671	-7.01914	-7.00263	-1.03085	-.99565	2.99882
.951	-1.968	-.00571	.03692	-5.02259	-4.86796	1.01151	1.00688	2.97724
.949	-1.004	-.01177	.03464	-4.01420	-4.00887	2.01363	1.99411	3.00770
.950	-.052	-.01551	.04269	-3.04604	-3.11629	2.97222	2.98229	3.02921
.951	2.003	-.01979	-.00584	-1.00082	-.99075	5.00175	5.00261	2.99898
.949	3.994	-.01052	.04816	.95856	1.00589	6.98652	7.02371	3.01145
.949	4.986	-.01391	.04513	1.98394	1.95154	8.00948	8.00036	3.01859
.949	9.983	-.01462	-.00962	6.98085	6.97867	12.99413	12.97829	3.00323
.949	11.996	-.00036	.02477	8.99048	8.95985	15.02745	15.00639	3.02088
.950	14.967	.00258	.04133	12.01098	11.99729	18.03925	17.81984	2.96271
	GRADIENT	-.00020	.00166	1.00074	.99447	1.00270	1.00213	.00241

LARC 16FT TWT 326(OA270A) 39-O ORB. (VKN037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 22/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
.977	-20.010	-.00160	.04118	-23.08339	-22.97497	-17.03318	-16.94829	3.01922
.981	-15.038	-.00089	.04467	-18.02846	-18.04683	-12.02923	-12.04703	2.99976
.982	-12.249	-.00339	.02158	-14.99610	-15.01349	-9.97834	-9.00827	2.75570
.981	-10.007	-.00232	.05394	-13.01737	-12.99807	-7.01275	-7.00125	3.00036
.982	-5.020	-.01319	.04315	-8.04962	-8.00028	-2.03281	-1.99687	3.00505
.983	-4.026	-.00838	.04361	-7.01195	-7.04447	-1.03970	-1.00594	3.00270
.982	-2.988	-.00695	.04558	-5.02805	-4.96800	-.86480	-1.09109	2.01004
.980	-2.019	-.00392	.04649	-5.05251	-5.05000	1.01046	1.01408	3.03176
.980	-.993	-.00321	.05576	-3.98883	-4.00226	2.01666	2.00376	3.00288
.980	-.031	-.00517	.04938	-3.05250	-3.04339	2.99191	2.98104	3.01721
.978	2.015	-.00374	.03176	-.95797	-.99543	5.00458	5.00788	2.99147
.977	3.985	.00054	.06898	.96537	.99131	6.98818	6.99469	3.00655
.979	4.981	.00000	.02750	1.94549	1.33593	8.02271	8.01910	3.04010
.980	9.975	.00231	.05622	6.95677	6.97079	12.97970	12.99178	3.01098
.977	12.002	.00380	.01762	8.99159	8.96461	15.02087	15.03032	3.02375
.980	14.967	.00325	.05105	12.01449	11.98806	18.03511	17.83169	2.96606
	GRADIENT	.00085	-.00039	.95772	.95690	1.03870	1.04651	.04265

RUN NO. 20/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.049	-20.018	-.02514	.04376	-23.12742	-22.95514	-17.02508	-16.96293	3.02364
1.051	-15.030	-.02371	.05014	-18.00322	-18.02414	-12.06723	-12.02421	2.98398
1.052	-12.002	-.03762	.05515	-15.00098	-14.99270	-8.98857	-9.02550	2.99490
1.051	-10.010	-.04582	.03464	-13.03275	-13.01298	-6.99789	-6.99487	3.01324
1.051	-5.012	-.02300	.03722	-8.02350	-8.00808	-2.02963	-1.98594	3.00400
1.052	-4.023	-.01248	.02856	-7.00617	-7.05100	-1.02530	-1.01031	3.00539
1.050	-1.993	-.01676	.02765	-5.01555	-4.96323	.99588	1.01104	2.99643
1.050	-1.000	-.01337	.02492	-4.01938	-3.99629	2.01591	2.00085	3.00811
1.050	-.009	-.01533	.03662	-3.04024	-2.98813	3.00454	2.98836	3.00532
1.050	2.006	-.01872	.06017	-.99025	-.99309	4.99710	5.00944	2.99747
1.049	3.994	-.01123	.04376	.97642	1.00718	6.97521	7.01660	3.00205
1.051	4.993	-.01444	.00988	1.98546	1.94504	8.04482	7.99812	3.02811
1.050	9.974	-.01533	.02720	6.97801	6.95874	12.97789	12.97948	3.00515
1.051	12.001	-.01212	.01960	8.96778	8.97644	15.00470	15.05320	3.02842
1.051	14.956	-.01141	.04300	12.00600	12.00385	18.01709	17.79834	2.95139
	GRADIENT	.00001	.00029	.99907	.99794	1.00248	1.00057	.00151

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN037) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 BETA = .000
AILRON = 3.000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 18/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.099	-20.009	-.02853	.05166	-23.12242	-22.96701	-17.03026	-16.91557	3.03590
1.101	-15.027	-.02906	.03981	-18.00205	-18.03441	-12.02845	-12.04175	2.99156
1.101	-12.000	-.02496	.05439	-15.00211	-15.01603	-8.99067	-8.99136	3.00903
1.100	-10.006	-.03584	.04680	-13.02192	-12.96730	-7.00295	-7.01135	2.99873
1.101	-5.007	-.02407	.05591	-8.00934	-7.99924	-2.03818	-1.98156	2.99721
1.101	-4.025	-.02068	.05652	-7.01739	-7.04716	-1.02575	-1.01000	3.00720
1.100	-2.000	-.02781	.04376	-5.03315	-4.99175	1.00589	1.01712	3.01198
1.100	-.985	-.02371	.07232	-3.97520	-3.96839	2.00105	2.00223	2.98672
1.102	-.019	-.02460	.05227	-3.05134	-3.01831	2.99912	2.99287	3.01541
1.102	2.005	-.03156	.03798	-.97954	-1.01199	5.01405	4.99749	3.00077
1.100	3.988	-.02211	.06381	.97778	.98872	6.96587	7.02025	3.00490
1.101	4.993	-.02033	.03722	1.98136	1.97772	8.00933	8.00169	3.01298
1.100	9.989	-.02639	.05014	6.99483	6.36013	12.99143	13.01056	3.01176
1.100	11.995	-.01783	.02233	8.99778	8.97358	15.00484	15.00556	3.00976
1.098	14.965	-.02104	.06594	12.00717	12.00261	18.01884	17.83227	2.96033
	GRADIENT	.00010	-.00120	.99984	.99945	1.00014	1.00060	.00036

RUN NO. 16/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.200	-20.013	-.03548	.03434	-23.08306	-22.95717	-17.03221	-16.97970	3.00708
1.201	-15.283	-.01801	.04072	-19.02651	-18.03134	-12.04496	-12.03104	3.24546
1.201	-11.999	-.00392	.03966	-14.99919	-15.00508	-8.98822	-9.00152	3.00363
1.200	-10.013	-.00820	.04224	-13.02873	-12.99556	-7.01149	-7.01632	2.99912
1.201	-5.014	-.00374	.02537	-7.99907	-8.03043	-2.03281	-1.99437	3.00058
1.200	-4.039	-.00339	.03327	-7.02317	-7.05330	-1.05230	-1.02922	2.99874
1.202	-1.989	-.00624	-.01246	-5.02787	-4.95642	1.01959	1.00848	3.00309
1.200	-1.001	-.00089	.04224	-3.99205	-4.03594	2.02820	1.99564	3.01296
1.199	-.024	-.00535	.02461	-3.05532	-3.02171	2.99092	2.98976	3.01443
1.200	1.995	-.01694	.04832	-.98280	-1.02586	4.99893	4.99066	2.99956
1.200	3.990	-.00285	.03966	.97404	.99747	6.97853	7.01130	3.00458
1.200	5.012	-.00642	.02127	1.99641	1.98390	8.01068	8.05720	3.02189
1.199	9.987	-.00285	-.01199	6.98492	6.95272	13.00662	13.00196	3.01774
1.199	11.998	-.00321	-.00741	8.97524	8.97114	15.01729	15.02948	3.02510
1.199	14.962	-.00089	.01854	12.00351	11.98647	18.02602	17.83037	2.96660
	GRADIENT	-.00060	.00326	.99948	1.00027	.99938	1.00125	.00022

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN037) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	BETA =	.000
AILRON =	3.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 14/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELEVON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	AILRON
1.281	-20.040	-.11750	.05120	-23.17323	-22.96013	-17.02622	-17.00232	3.02621
1.282	-14.849	-.11090	.06670	-18.02211	-18.03947	-11.33339	-12.00016	3.18201
1.282	-12.008	-.10145	.03160	-14.99642	-15.01127	-9.02165	-9.00118	2.99622
1.281	-9.993	-.04760	.06169	-12.96853	-12.97416	-7.01275	-6.99682	2.98828
1.281	-5.005	-.04047	.07171	-8.00210	-8.02332	-2.01688	-1.97797	3.00764
1.281	-4.026	-.05117	.05014	-7.02982	-7.04607	-1.02800	-.99774	3.01276
1.280	-1.987	-.03816	.06002	-5.01925	-4.96381	.99588	1.04080	3.00482
1.281	-.977	-.03637	.04042	-3.98869	-3.98952	2.03985	2.03086	3.01223
1.281	-.014	-.04850	.06518	-3.02799	-3.02186	3.00077	2.99318	3.01095
1.280	1.999	-.05402	.04467	-.97824	-1.03840	5.01089	5.00090	3.00736
1.281	3.988	-.03780	.06685	.96094	1.00945	6.96813	7.01148	3.00230
1.281	5.005	-.04279	.05075	1.97285	2.00179	8.01309	8.03190	3.01759
1.281	9.782	-.04261	.06624	6.11401	6.36924	13.06046	12.98570	3.24073
	GRADIENT	.00035	.00122	1.00037	1.00136	.99928	.99846	-.00100

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN038) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN.	XO	
LREF =	474.8100 INCHES	YMRP =	.0000 IN.	YO	
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN.	ZO	
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 29/ 0 RN/L = 3.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.606	-5.003	-.00945	.04239	5.00272	5.00524	-5.00352	-5.00251	.00048
.603	-4.007	.00014	.06776	3.97700	3.99273	-4.05692	-4.00036	-.02189
.600	-2.999	-.00196	.06928	2.99634	2.98178	-2.99890	-3.02059	-.01034
.600	-1.984	-.00036	.06473	1.97482	1.94976	-2.02895	-1.98109	-.02137
.600	-.992	.00108	.06533	.95822	.98791	-1.03355	-.98935	-.01919
.601	.011	.00325	.07202	.00255	-.02458	.00615	.01558	-.00007
.601	2.037	-.00303	.06518	-2.03557	-2.09749	2.01212	2.00345	-.02937
.601	4.012	.00054	.06564	-3.98238	-4.08545	4.01192	3.96732	-.02215
.601	5.000	-.00250	.04710	-5.02066	-4.95179	5.01338	5.01487	.01395
	GRADIENT	-.00015	-.00146	-.99726	-.99965	1.00488	.99821	.00155

LARC 16FT TWT 326(OA270A) 39-O ORB. (VKN038) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 27/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.803	-5.003	-.00303	.03905	4.95589	5.00509	-5.02208	-5.03003	-.02278
.801	-4.014	-.00071	.02659	4.02111	3.97869	-4.06597	-3.99168	-.01446
.801	-3.012	.00339	.04330	2.97390	3.01068	-3.00408	-3.05914	-.01966
.800	-1.986	.00000	.03981	1.98668	1.93691	-2.02845	-1.99047	-.02383
.802	-1.008	.00149	.02416	.99819	1.00993	-1.02425	-.99774	-.00347
.802	-.016	.00339	.04285	.01208	.01698	-.02434	-.01000	-.00132
.803	1.984	-.00642	.05713	-2.03672	-1.85170	2.05837	2.00805	.03950
.801	4.018	.00068	.02051	-4.01210	-4.03970	4.01000	4.00862	-.00829
.803	5.005	-.00481	.00258	-5.05638	-4.96163	4.99826	5.00400	-.00394
	GRADIENT	-.00037	.00002	-1.00090	-.99097	1.00676	1.00129	.00407

RUN NO. 25/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.901	-5.014	.00475	.03221	4.97122	5.04316	-5.00320	-5.03915	-.00699
.901	-4.026	.01464	.04528	4.00472	4.02413	-4.07010	-4.00424	-.01137
.900	-3.002	.01451	.02887	2.99585	3.00036	-2.98852	-3.02334	-.00391
.901	-1.989	.01776	.02720	1.96327	1.97610	-2.03483	-1.98344	-.01972
.900	-.995	.01424	.03844	.94547	1.01107	-1.02365	-.99919	-.01658
.900	.021	.00529	.01990	-.05424	-.06286	-.02107	-.01048	-.03716
.900	1.068	.00393	.02158	-2.02607	1.78222	2.02131	2.00789	.94634
.902	2.008	.00664	.02735	-2.05754	-1.95956	2.02082	1.99304	-.00081
.901	4.024	-.00981	.00729	-4.00214	-4.09790	3.99152	4.00618	-.02559
.902	4.997	-.00963	.02461	-5.02646	-4.96366	5.00807	4.98973	.00192
	GRADIENT	-.00310	-.00246	-1.00932	-.96878	1.01365	1.00830	.01096

RUN NO. 23/ 0 RN/L = 3.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.951	-5.008	.00936	.03343	5.00477	4.98693	-5.02448	-5.01651	-.01232
.951	-4.006	.00827	.05591	3.97716	3.98159	-4.07207	-3.99339	-.02668
.951	-2.990	.00434	.04619	2.97260	2.95495	-2.99684	-3.03454	-.02596
.951	-1.989	.00136	.04725	1.97665	1.95415	-2.04221	-1.98453	-.02399
.951	-.990	-.00267	.04042	.96060	.97836	-1.03340	-.98742	-.02046
.951	-.002	-.00303	.02978	-.02963	.02766	-.02404	.01232	-.00342
.951	2.012	-.01533	.03160	-2.03344	-1.97989	2.02000	2.01341	.00502
.949	3.984	-.01337	.06807	-4.01406	-3.92339	4.00506	3.99285	.01512
.951	4.943	-.01248	.04558	-5.05691	-4.72565	5.00491	4.98616	.05213
	GRADIENT	-.00254	.00027	-1.00634	-.97794	1.01149	1.00428	.00787

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN038) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 21/ 0 RN/L = 3.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	EDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.980	-5.018	.01573	.03874	4.94584	5.01119	-5.08640	-5.02736	-.03918
.983	-4.015	.01980	.02233	3.99312	3.98058	-4.05928	-4.02548	-.02777
.981	-3.004	.01451	.00501	2.98415	2.97077	-3.01096	-3.04867	-.02618
.981	-1.991	.00976	.01489	1.96920	1.97398	-2.04221	-1.97906	-.01952
.983	-1.004	.01112	.01459	.97030	.99293	-1.04885	-1.00453	-.02254
.980	.012	-.00053	.01428	-.04011	-.00535	-.00564	.00965	-.01036
.982	2.014	.00475	.02811	-2.03541	-2.00912	2.00317	2.00743	-.00848
.981	4.013	-.00945	.02887	-4.00229	-4.06677	4.00076	3.98179	-.02163
.980	4.996	-.00232	.02264	-5.01925	-4.97090	5.01471	4.97731	.00047
	GRADIENT	-.00266	.00156	-.99829	-.99711	1.00519	.99912	.00223

RUN NO. 19/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
1.049	-5.012	-.02603	.04847	5.01124	4.99753	-5.02256	-5.01604	-.00746
1.050	-4.011	-.00624	.04209	3.99969	3.99664	-4.05672	-3.99277	-.01329
1.050	-3.000	-.00089	.04026	2.98561	2.98137	-2.99950	-3.03381	-.01658
1.050	-1.985	-.00517	-.00268	1.99215	1.92228	-2.05714	-1.96969	-.02810
1.050	-1.003	-.00053	.05044	.95737	1.00896	-1.04630	-.99903	-.01975
1.050	.004	-.00250	-.01009	-.00273	-.00786	-.01425	.02003	-.00120
1.050	2.009	-.01551	.04695	-2.03820	-1.99988	1.99817	1.99809	-.01045
1.050	4.010	-.00784	.05455	-4.01126	-4.02839	4.00012	4.00179	-.00943
1.051	5.001	-.00357	.05576	-5.02541	-4.95280	5.01089	5.01487	.01189
	GRADIENT	-.00096	.00217	-.99993	-.99753	1.00404	.99874	.00133

RUN NO. 17/ 0 RN/L = 3.79 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
1.100	-5.021	.00027	.07384	4.94703	5.03691	-5.06529	-5.03569	-.02926
1.101	-4.003	-.00089	.04193	4.00458	3.97146	-4.04393	-3.99215	-.01501
1.101	-3.007	-.00303	.06138	3.00317	2.97559	-3.01192	-3.03748	-.01766
1.102	-1.995	-.00232	.04786	1.99139	1.97935	-2.03868	-1.97187	-.00995
1.101	-1.007	.00014	.03844	.98425	.99034	-1.04405	-1.01125	-.02018
1.102	.003	-.00624	.01854	.01786	-.05450	-.01959	-.00323	-.01486
1.103	2.036	-.01355	.07612	-2.04689	-2.06691	2.01879	2.01264	-.02059
1.103	4.014	-.00303	.06928	-4.00229	-4.06634	3.98467	4.00179	-.02054
1.102	4.983	-.00660	.04026	-5.00710	-4.94325	4.97933	5.00152	.00762
	GRADIENT	-.00068	.00129	-1.00075	-.99709	1.00210	1.00007	.00108

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN038) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 13/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
1.282	-5.028	-.10769	.02902	5.04155	5.03735	-5.01936	-5.01274	.01170
1.283	-4.017	-.09913	.05029	3.99969	4.00677	-4.05633	-4.00626	-.01403
1.281	-2.992	-.09860	.02978	2.97748	2.98467	-2.99033	-3.01545	-.01091
1.282	-1.989	-.10074	.03297	1.98926	1.94472	-2.03399	-1.98828	-.02207
1.282	-1.003	-.10056	.06503	.96622	1.00330	-1.05395	-.98935	-.01845
1.281	-.001	-.09913	.05075	.01633	-.01705	-.01246	.00683	-.00159
1.282	2.003	-.10965	.05698	-1.95574	-2.00979	2.01788	2.03040	.02069
1.283	3.990	-.10840	.03662	-4.00102	-3.94984	4.01526	3.99480	.01480
1.280	5.013	-.11375	.06427	-5.02910	-4.99913	5.02152	5.00292	-.00095
	GRADIENT	-.00142	.00048	-.99601	-.99432	1.00764	1.00230	.00490

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN039) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	55.000	RUDDER =	.000
PHI =	.000		

RUN NO. 127/ 0 RN/L = 3.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.919	-5.021	-.06454	.01595	5.01533	5.01395	-5.02784	-5.02610	-.00616
.919	-4.016	-.06312	.01838	4.00782	3.98347	-4.05810	-4.01292	-.01993
.921	-3.008	-.05955	.01550	3.00707	2.97986	-3.00855	-3.03638	-.01450
.920	-1.995	-.06187	.01945	1.99382	1.98293	-2.03550	-1.96719	-.00648
.923	-1.012	-.06205	.02568	.99530	1.00054	-1.05005	-1.00234	-.01414
.921	.008	-.06187	.02036	-.00258	-.04598	-.02359	.00608	-.01652
.920	2.021	-.06704	.03267	-2.04377	-2.01450	2.00757	2.01846	-.00806
.920	4.009	-.06276	.03495	-3.99822	-4.04506	4.00108	3.99268	-.01238
.921	4.996	-.06276	.04148	-5.01749	-4.98089	4.98813	4.99687	-.00335
	GRADIENT	-.00026	.00269	-1.00064	-.99718	1.00285	.99923	.00107

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN040) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

ALPHA =	5.000	ELEVON =	.000
BETA =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 139/ 0 RN/L = 3.77 GRADIENT INTERVAL = -5.00/ 5.00

MACH	AILRON	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON
.921	-5.013	-.03067	.04862	4.99812	5.01657	-5.01360	-5.02453	-.00586
.921	-4.013	-.03816	-.02366	3.99952	4.00156	-4.06597	-3.99354	-.01711
.920	-3.003	-.04404	-.01861	2.99163	3.00270	-3.00119	-3.01820	-.00627
.921	-1.993	-.04065	-.01073	2.00066	1.96114	-2.03583	-1.97484	-.01222
.920	-1.008	-.04386	.01170	.97829	.99714	-1.04135	-1.01328	-.01980
.920	.007	-.04921	-.01908	-.01094	-.05256	-.02805	-.00774	-.02485
.920	2.012	-.04047	-.00158	-2.01770	-1.99803	2.00833	2.02504	.00441
.922	4.006	-.03619	.02811	-3.99710	-4.03376	4.00586	3.98764	-.00934
.921	4.993	-.03798	.03160	-5.00200	-4.96149	5.00541	5.00276	.01117
	GRADIENT	.00047	.00570	-.99826	-.99726	1.00532	.99916	.00224

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN041) (10 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 4/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
.156	.601	.01029	.04584	-.01415	-.07033	-.02610	.01919	-.02285	.01939
.173	.602	-.04857	.04349	-.00236	-.05650	-.00512	.00768	-.01407	.01535
.129	.701	-.05871	.03484	-.03327	-.06947	-.02789	-.00167	-.03307	.01830
.097	.800	-.00953	.03170	-.04506	-.06428	-.01714	-.00445	-.03273	.02194
.100	.850	-.03873	.01677	.01759	-.02018	-.00128	-.00723	-.00277	-.00148
.106	.901	.00000	.02646	-.01310	-.00922	-.02072	-.00028	-.01083	.00033
.106	.922	-.06148	.02934	-.01991	-.04814	-.02379	-.01557	-.02685	.00717
.104	.951	-.12604	.03615	-.01808	-.04699	-.01740	.00307	-.01985	.01268
.091	.960	.00468	.02960	-.03667	-.06543	-.01996	.00154	-.03013	.02092
.100	.980	-.15954	.01598	-.04322	-.05448	-.04196	-.01279	-.03811	.01074
.098	1.000	-.05933	.01441	-.00891	-.02306	.00515	-.00612	-.00823	.00775
.100	1.021	.00748	.03144	.02756	-.00721	-.04375	-.00278	-.00654	-.01672
.109	1.119	.08369	.02620	-.01336	-.04410	.04632	.00972	-.00035	.02838
.090	1.149	.03717	.01048	.00235	.00050	-.00640	-.00723	-.00269	-.00412
.096	1.200	-.03166	.02384	-.01912	-.05650	.02634	.01944	-.00746	.03035
.125	1.281	-.03474	.00131	-.00707	-.03430	.00061	.00358	-.00930	.01139
	GRADIENT	.04231	-.04672	.01509	.05335	.05016	-.00284	.02893	-.00528

RUN NO. 7/ 0 RN/L = 3.78 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.197	.602	.01543	.03746	-.00183	-.02537	-.02968	-.00139	-.01457	-.00097
5.126	.702	-.04211	.02829	.00997	-.03228	-.01279	-.00973	-.01121	-.00005
5.131	.801	-.00031	.03720	-.05527	-.03661	-.02021	-.00028	-.02809	.01785
5.097	.851	-.03720	.04270	.02053	-.03228	-.00819	.00716	-.00320	.00268
5.138	.900	-.00400	.04113	.01759	-.02565	.00515	-.00167	-.00115	.00288
5.107	.921	-.06179	.04034	-.01781	-.04526	.00645	.00256	-.01377	.01777
5.110	.951	-.10974	.03196	-.04322	-.00749	.00999	.01202	-.00718	.01818
5.120	.960	-.00154	-.00435	-.01493	-.02104	-.00793	.01944	-.00612	.01187
5.120	.980	-.14940	.04165	.00586	-.03920	.00030	-.00834	-.01034	.00632
5.121	1.002	-.09130	.01100	-.00655	-.03517	-.00844	.00563	-.01113	.00973
5.122	1.022	.00351	.02227	.00528	-.01701	.00939	.00461	.00057	.00643
5.115	1.049	-.10609	.01322	-.00562	-.04146	.01844	.00875	-.00497	.01857
5.119	1.070	-.02175	.01504	.01514	-.01237	-.02092	.01062	-.00038	-.00177
5.107	1.100	-.01319	-.01609	.01378	-.01939	-.02048	-.00016	-.00656	-.00376
5.123	1.120	-.00784	-.01420	.02755	-.01705	-.01276	-.02565	-.00698	-.01223
5.123	1.149	-.04734	.02489	.01965	-.01874	-.01791	-.00779	-.00620	-.00665
5.092	1.199	-.02705	.02515	-.00891	-.05996	.01968	-.00501	-.01355	.02088
5.101	1.252	.02829	.04899	.00586	-.05707	-.01458	-.01168	-.01937	.00624
5.128	1.279	-.07347	.01048	-.00707	-.00951	.02755	-.02308	-.00303	.00526
	GRADIENT	-.02251	-.03840	.02494	-.00312	.03664	-.02092	.00939	-.00153

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN041) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 117 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
10.195	.600	-.07962	.00995	.00909	-.01412	-.01919	-.01446	-.00967	-.00715
10.145	.701	.02104	.02541	-.00052	-.01153	-.02226	-.02392	-.01456	-.00853
10.118	.800	-.06455	.01834	-.01624	-.05217	.00939	.01663	-.01060	.02361
10.119	.852	-.02797	.02148	-.04846	-.03401	-.00998	.00691	-.02139	.01985
10.109	.901	-.05626	.02279	.01935	-.01153	-.00358	-.03142	-.00680	-.01071
10.131	.920	.00397	.03458	.00792	.00353	-.00588	-.00306	.00063	-.00510
10.103	.951	-.04826	.01493	.00850	-.02018	.00030	.01151	.00004	.00587
10.094	.959	-.12972	.01467	-.00786	-.03661	-.02098	-.00584	-.01782	.00441
10.135	.981	.01917	.02646	-.03039	-.05477	-.01561	.00000	-.02519	.01739
10.112	1.001	-.09714	.00419	-.03196	-.05477	-.02354	-.00111	-.02784	.01552
10.095	1.020	-.03258	.02672	.00176	-.03286	.01241	-.00806	-.00669	.00886
10.110	1.152	-.12327	.03301	-.00419	-.01297	.04935	.00512	.00933	.01791
10.125	1.200	.03366	.00891	.00674	-.02537	-.00947	-.02364	-.01293	-.00362
10.077	1.249	.01286	.01100	-.00917	-.03430	-.00921	-.00945	-.01553	.00620
	GRADIENT	.03957	-.00316	-.00369	-.01732	.03790	.00247	.00485	.01534

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN042) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

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

RUN NO. 97 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	[illegible]	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.167	.808	.01075	.05292	-3.05393	-3.02541	2.98882	2.96517	-.03134	3.00833
5.125	.799	-.05656	.01519	-3.06249	-3.02770	2.99306	2.97134	-.03145	3.01365
5.076	.803	-.03289	.01703	-3.03365	-3.00678	2.99391	2.98904	-.01437	3.00585
5.101	.852	-.05226	.00000	-3.05136	-3.01367	2.98401	2.98824	-.02320	3.00932
5.088	.902	-.02551	.03379	-3.02966	-3.02337	2.99617	3.00326	-.01340	3.01311
5.103	.921	-.05964	.03065	-3.04993	-3.02719	3.00749	2.98636	-.02082	3.01774
5.089	.950	-.11620	.01388	-3.04707	-3.03473	2.98684	2.98877	-.02655	3.01435
5.099	.961	-.00338	.00655	-3.05878	-3.02923	2.97920	2.98770	-.03028	3.01373
5.108	.981	-.10728	.03903	-3.05250	-3.03306	2.97439	3.00218	-.02725	3.01553
5.089	1.001	-.08915	.02882	-3.06050	-3.02362	2.98401	2.99575	-.02609	3.01597
5.097	1.020	-.00991	.04034	-3.04155	-2.98535	3.04200	2.98904	.00101	3.01451
5.119	1.051	-.10341	.01276	-3.06724	-3.06000	2.99699	2.98058	-.03742	3.02620
5.127	1.070	-.03013	.03738	-3.04521	-3.02867	3.00060	2.98664	-.02166	3.01528
5.108	1.100	-.01854	.04497	-3.04008	-2.99981	2.99863	2.98276	-.01463	3.00532
5.104	1.119	-.01337	.02932	-3.04140	-3.02379	3.01094	2.97544	-.01970	3.01289
5.125	1.150	-.05841	.02017	-3.04222	-3.00934	3.00155	2.99897	-.01276	3.01302
5.085	1.198	-.02859	.02227	-3.04479	-3.02107	3.03012	2.94774	-.02200	3.01093
5.097	1.253	-.07101	.02174	-3.04365	-3.01750	3.01484	2.97295	-.01834	3.01223
5.127	1.281	-.06824	.04611	-3.06221	-3.02107	2.99080	2.99762	-.02371	3.01793
	GRADIENT	-.04382	.00674	.00466	.00769	.03700	.00361	.01525	.00707

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN043) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = 5.000
PHI = .000

RUN NO. 10/ 0 RN/L = 3.73 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.168	.600	5.70002	.02882	-.01310	-.03430	-.01740	-.01835	-.02079	.00291
5.128	.699	5.70138	.03196	.00733	-.02306	-.02021	.02379	-.00304	.00483
5.129	.801	5.69960	.03484	-.02017	-.03863	-.02737	-.00973	-.02398	.00542
5.103	.853	5.69991	.00157	-.03641	-.05102	-.01458	.01535	-.02167	.02205
5.115	.900	5.70107	.02672	.00938	-.01412	-.00077	-.00195	-.00186	.00051
5.105	.919	5.70222	.01729	.00293	-.02364	-.00819	.00537	-.00588	.00447
5.083	.951	5.70142	.02174	.00059	-.02738	-.01075	.00486	-.00817	.00523
5.100	.961	5.70189	.03065	.00088	-.04122	-.00435	.00588	-.00970	.01047
5.111	.979	5.70037	.03615	-.02620	-.03430	.00515	.00000	-.01384	.01641
5.092	1.000	5.70532	.03432	-.01388	-.06082	-.01740	.00588	-.02155	.01580
5.096	1.020	5.70518	.00681	.00059	-.03459	.01514	-.00028	-.00479	.01222
5.117	1.049	5.70134	.05257	-.02173	-.03043	.00702	.00905	-.00902	.01706
5.109	1.070	5.69832	.02887	.00816	-.04798	-.02493	.00341	-.01533	.00458
5.108	1.100	5.70235	-.00047	.01905	-.00418	-.00030	.02255	.00928	.00185
5.117	1.120	5.69987	.02416	.02398	-.00535	.00667	.00564	.00774	-.00158
5.120	1.151	5.69836	.03484	.00674	-.01874	.05268	.01023	.01273	.01873
5.083	1.199	5.69633	.02593	.03607	-.03315	-.00102	-.00862	-.00168	-.00314
5.098	1.252	5.70166	.01991	.00586	-.04468	.00999	.00486	-.00599	.01342
5.129	1.280	5.69972	.03877	.01935	-.05073	.06570	-.00779	.00663	.02232
	GRADIENT	-.00184	.00172	.05478	-.00311	.08859	.00349	.03594	.01011

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN044) (08 AUG 78)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0500				

PARAMETRIC DATA

BETA =	2.000	ELEVON =	.000
AILRON =	.000	BDFLAP =	.000
SPDBRK =	25.000	RUDDER =	.000
PHI =	.000		

RUN NO. 300/ 0 RN/L = 3.74 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.130	.649	-.03530	-.00710	.15732	.35985	.37352	.12197	.25317	-.00542
5.115	.699	-.04279	-.00268	.21141	.42424	.46765	.20804	.32783	.01001
5.122	.749	-.05474	-.01341	.21787	.43551	.43744	.21383	.32616	-.00053
5.074	.851	-.07221	.00912	.26141	.78176	.60568	.25582	.47617	-.04542
5.091	.921	-.07328	-.01546	.40734	.75556	.78638	.45451	.60095	.01950
5.093	.959	-.08095	.03130	.29594	.63937	.63887	.33550	.47742	.00977
5.083	1.001	-.06151	.03373	.24151	.73390	.72702	.23861	.48526	-.00245
5.078	1.020	-.05527	.04725	.14865	.69688	.73440	.17154	.43787	.01510
5.088	1.073	-.05866	.03814	.04711	.71312	.71175	.10283	.39370	.01359
5.091	1.119	-.06495	.00016	-.09488	.71663	.72502	-.06336	.32085	.00998
5.073	1.150	-.06740	-.02871	-.09557	.71020	.73932	-.10000	.31349	.00617
5.071	1.250	-.06276	.00638	-.21104	.55551	.56406	-.22226	.17157	-.00067
	GRADIENT	-.03655	.02829	-.65998	.47213	.50606	-.60612	-.07197	.02195

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN045) (10 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 5/ 0 RN/L = 3.75 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.200	.600	.01964	.03484	-5.13643	-5.08362	-5.09297	-5.11891	-5.10798	.00204
5.109	.699	-.04826	.03956	-5.03781	-4.94234	-4.98952	-5.04105	-5.00268	-.01261
5.092	.802	-.00215	.04427	-4.97378	-4.84724	-4.91283	-4.97301	-4.92671	-.01621
5.104	.852	-.04611	.02908	-4.26903	-4.75588	-4.75349	-4.89249	-4.81772	-.00527
5.144	.903	-.00953	.03091	-4.76682	-4.49803	-4.44484	-4.78487	-4.62364	.00878
5.123	.922	-.05503	.02122	-4.64043	-4.28311	-4.33529	-4.66992	-4.48219	-.02042
5.129	.953	-.10298	.04846	-4.59887	-4.25565	-4.29187	-4.60106	-4.43686	-.00960
5.140	.960	.01122	.02934	-4.57736	-4.23868	-4.26711	-4.56609	-4.41231	-.00429
5.103	.981	-.12972	.01598	-4.61651	-4.19000	-4.22200	-4.52326	-4.38794	.01531
5.089	.998	-.06701	.04742	-4.81128	-4.23418	-4.26609	-4.81279	-4.53109	-.00836
5.096	1.019	.00164	.03196	-4.80355	-4.21022	-4.23828	-4.81523	-4.51682	-.00994
5.120	1.051	-.01137	.08776	-4.82626	-4.21571	-4.23048	-4.82174	-4.52355	-.00256
5.106	1.052	.08019	.04427	-4.82457	-4.21821	-4.24473	-4.84098	-4.53212	-.01073
5.115	1.073	.08136	.04768	-4.95527	-4.24642	-4.24507	-4.91120	-4.58949	.01136
5.108	1.100	.07715	.03615	-5.03720	-4.28536	-4.36547	-5.01801	-4.67651	-.01523
5.135	1.102	-.01383	.05003	-5.03022	-4.30982	-4.31222	-5.03590	-4.67204	-.00202
5.111	1.119	.07972	.04113	-5.11003	-4.30308	-4.31154	-5.11336	-4.70950	-.00295
5.121	1.151	.00094	.04899	-5.16374	-4.29858	-4.34139	-5.16405	-4.74194	-.01078
5.116	1.152	.07925	.02803	-5.17588	-4.31706	-4.31799	-5.19890	-4.75246	-.00599
5.115	1.200	-.17706	.01205	-5.26054	-4.33852	-4.36954	-5.22240	-4.79775	.00178
5.114	1.252	-.18414	.01781	-5.27541	-4.31032	-4.39905	-5.30714	-4.82298	-.03012
5.115	1.263	-.16907	.01467	-5.31789	-4.32604	-4.43297	-5.31374	-4.84766	-.02570
5.069	1.280	-.08577	.00629	-5.34581	-4.40242	-4.45908	-5.33513	-4.88561	-.01150
5.095	1.282	-.01967	.04008	-5.35066	-4.40342	-4.20029	-5.33143	-4.82145	.05559
	GRADIENT	-.09621	-.01992	-.70743	.96638	.98863	-.70034	.13681	.00734

LARC 16FT TWT 326(0A270A) 39-0 ORB. (VKN046) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

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

RUN NO. 6/ 0 RN/L = 3.72 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.202	.601	.02011	.04034	.12785	.29924	.33426	.13022	.22290	.00935
5.110	.699	-.04273	.05239	.17330	.37796	.41722	.21260	.29527	.01964
5.128	.802	.00421	.04427	.24867	.55509	.55196	.25942	.40378	.00191
5.100	.851	-.04088	.01362	.27183	.79630	.63159	.27733	.49426	-.03980
5.139	.900	-.00092	.02986	.44279	.83516	.83324	.46307	.64356	.00459
5.109	.920	-.04765	.02489	.39235	.76905	.77268	.44491	.59475	.01405
5.116	.951	-.09745	.01519	.30321	.62271	.65218	.32057	.47467	.01171
5.127	.960	.00351	.04846	.27535	.61690	.66701	.28961	.46222	.01609
5.124	.979	-.10728	.03248	.03519	.70446	.76814	.03096	.38469	.01486
5.141	.999	-.07777	.03458	.01583	.71480	.70971	.01023	.36264	-.00267
5.124	1.020	.00351	.02017	.04399	.73675	.72666	.03019	.38440	-.00597
5.110	1.050	.08299	.05554	.09413	.72868	.75179	.08289	.41437	.00297
5.105	1.071	.08393	.05973	.04223	.79907	.73241	.05987	.40840	-.01226
5.141	1.101	-.01568	.04872	-.04977	.71329	.69699	-.02308	.33436	.00260
5.107	1.122	.07598	.05554	-.08671	.74962	.71667	-.05590	.33092	-.00053
5.134	1.151	-.00769	.04768	-.11395	.74230	.71939	-.10957	.30954	-.00463
5.119	1.152	.07832	.04008	-.13622	.67948	.73696	-.08704	.29829	.02666
5.100	1.199	-.17368	.03379	-.16844	.65147	.66247	-.15295	.24814	.00662
5.123	1.201	.00000	.01336	-.12941	.64920	.68579	-.15545	.26253	.00264
5.129	1.251	-.17768	.01519	-.22319	.60656	.59616	-.23276	.18669	-.00499
5.134	1.253	-.04457	.04506	-.21690	.54853	.58557	-.19939	.17945	.01364
5.112	1.262	-.17030	.00707	-.29287	.35046	.46294	-.31813	.05060	.02181
5.086	1.282	-.08853	.00655	-.31933	.41455	.43115	-.30228	.05602	.00841
	GRADIENT	-.11547	-.02272	-.94877	.09985	.14669	-.97378	-.41901	.00546

LARC 16FT TWT 326(OA270A) 39-0 ORB. (VKN047) (08 AUG 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0500

PARAMETRIC DATA

BETA = .000 ELEVON = 5.000
AILRON = .000 BDFLAP = .000
SPDBRK = 25.000 RUDDER = .000
PHI = .000

RUN NO. 8/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	RUDDER	BDFLAP	ELV-RO	ELV-RI	ELV-LI	ELV-LO	ELEVON	AILRON
5.223	.602	.01426	.03798	4.74369	4.91402	4.86661	4.76281	4.82179	-.00707
5.172	.699	-.04519	.02279	4.74522	4.94659	4.91960	4.75833	4.84244	-.00347
5.134	.798	-.02428	.03249	4.81063	5.00297	4.96085	4.81188	4.89658	-.01022
5.153	.849	-.04242	.02960	4.80045	5.04130	4.98233	4.79281	4.90422	-.01665
5.115	.899	-.01445	.03379	4.71061	5.08314	5.02300	4.73282	4.88739	-.00948
5.107	.922	-.05164	.01912	4.65894	5.00272	4.98806	4.65068	4.82510	-.00573
5.122	.951	-.10913	.00288	4.49987	4.80379	4.77495	4.49508	4.64342	-.00841
5.109	.960	.00655	.02200	4.50343	4.74742	4.72769	4.47350	4.61301	-.01242
5.144	.980	-.13679	.02384	4.46195	4.79903	4.79242	4.45639	4.62745	-.00304
5.112	1.001	-.07777	.02462	4.44744	3.94268	4.24219	4.45471	4.27176	.07670
5.141	1.020	-.00246	.02358	4.30287	4.75644	4.78383	4.48303	4.58154	.05189
5.127	1.050	.08206	.04611	4.29931	4.73489	4.68816	4.29912	4.50537	-.01173
5.135	1.051	-.00277	.04087	4.27717	4.69681	4.68072	4.29183	4.48663	-.00036
5.104	1.071	.08182	.05894	4.25121	4.70032	4.70077	4.25118	4.47587	.00011
5.129	1.100	-.00891	.04768	4.16238	4.67401	4.68186	4.18109	4.42484	.00664
5.104	1.101	.08019	.04218	4.24103	4.68729	4.66210	4.18165	4.44302	-.02114
5.117	1.120	.08089	.05423	4.14813	4.65877	4.67499	4.14801	4.40748	.00403
5.111	1.152	.07972	.05737	4.10664	4.67050	4.63174	4.08606	4.37373	-.01484
5.127	1.153	-.00492	.03353	4.09061	4.61062	4.65322	4.11970	4.36854	.01792
5.105	1.201	-.16723	.03248	4.03690	4.61760	4.61484	4.03111	4.32511	-.00214
5.106	1.251	-.17614	.03248	3.98597	4.58567	4.57674	3.99550	4.28597	.00015
5.114	1.252	-.02705	.00472	4.00458	4.59664	4.61455	3.98317	4.29974	-.00088
5.112	1.262	-.17584	.05763	3.91476	4.53676	4.51974	3.89149	4.21569	-.01007
5.101	1.264	-.17061	.02672	3.93256	4.53526	4.52805	3.88196	4.21946	-.01445
	GRADIENT	-.11462	.01863	-1.57282	-.76431	-.69451	-1.62230	-1.16349	.00508

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