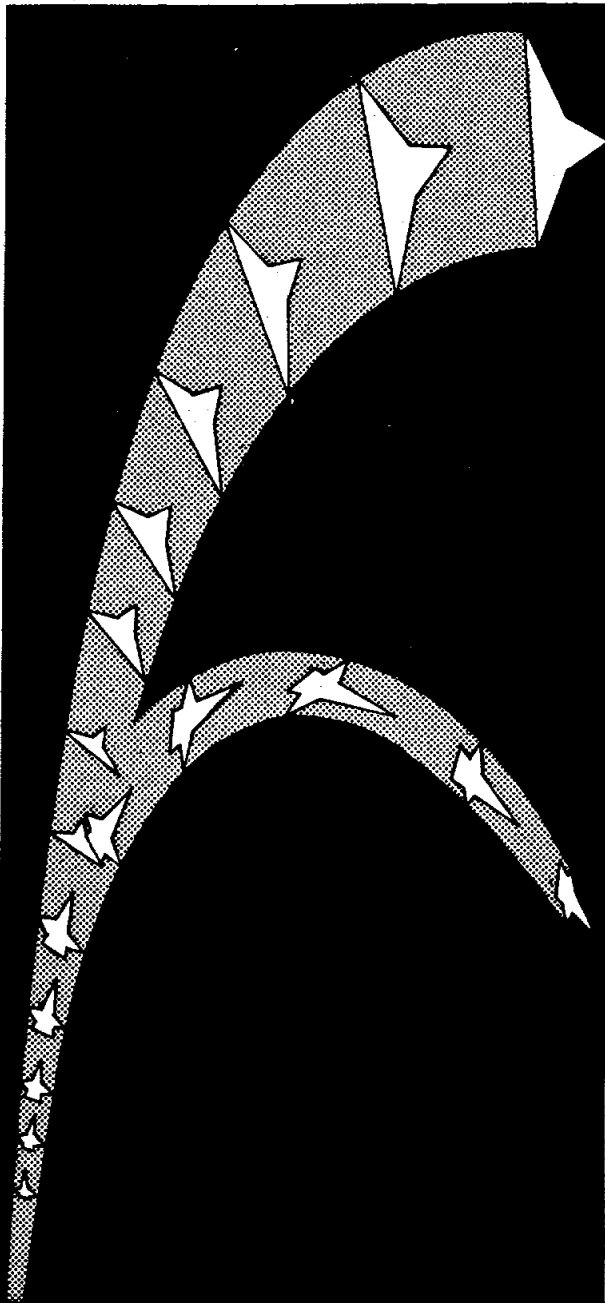


DMS-DR-2005  
CR-120,070  
NOVEMBER 1972



SADSAC SPACE SHUTTLE  
AEROTHERMODYNAMIC  
DATA MANAGEMENT SYSTEM

CONTRACT NAS8-4016  
MARSHALL SPACE FLIGHT CENTER



—SPACE SHUTTLE—  
**AERODYNAMIC STABILITY, CONTROL  
EFFECTIVENESS AND DRAG  
CHARACTERISTICS OF A SHUTTLE  
ORBITER CONFIGURATION AT  
MACH NUMBERS FROM 0.6 TO 4.96**

by

**Paul E. Ramsey, NASA/MSFC**

MSFC 14 x 14-INCH  
TRISONIC WIND TUNNEL

Marshall Space  
Flight Center

**N A S A**

This document should  
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SADSAC/SPACE SHUTTLE

WIND TUNNEL TEST DATA REPORT

CONFIGURATION: NR ATP Baseline Orbiter (.004 Scale Model)

TEST PURPOSE: Static Stability and Control Effectiveness of a Shuttle  
Orbiter

TEST FACILITY: NASA/MSFC 14 x 14 - Inch Trisonic Wind Tunnel

TESTING AGENCY: MSFC

TEST NO. & DATE: MSFC TWT 555 - 96 Hours

FACILITY COORDINATOR: Jim Weaver, S&E-AERO-AAE

PROJECT ENGINEER(S): Paul E. Ramsey

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CONTRACT NAS 8-4016

AMENDMENT 174

DRL 297 - 84a

This report has been prepared by Chrysler Corporation Space Division under a Data Management Contract to the NASA. Chrysler assumes no responsibility for the data presented herein other than its display characteristics.

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AERODYNAMIC STABILITY, CONTROL EFFECTIVENESS AND  
DRAG CHARACTERISTICS OF A SHUTTLE ORBITER  
CONFIGURATION AT MACH NUMBERS FROM

0.6 TO 4.96

By Paul E. Ramsey

A B S T R A C T

Experimental aerodynamic investigations were conducted in the NASA/MSFC 14-inch Trisonic Wind Tunnel from Sept. 27 to Oct. 7, 1972 on a 0.004 scale model of the NR ATP baseline shuttle orbiter configuration. Six component aerodynamic force and moment data were recorded at 0° sideslip angle over an angle of attack range from 0° to 20° for Mach numbers of 0.6 to 4.96, 20° to 40° for Mach numbers of 0.6, 0.9, 2.99, and 4.96, and 40° to 60° for Mach numbers of 2.99 and 4.96. Data were obtained over a sideslip range of -10° to 10° at 0°, 10°, and 20° angles of attack over the Mach range and 30° and 50° at Mach numbers of 2.99 and 4.96.

The purpose of the test was to define the buildup, performance, stability, and control characteristics of the orbiter configuration. The model parameters were: body alone; body-wing; body-wing-tail; elevon deflections of 0°, 10°, -20°, and -40° (both full and split); aileron deflections of  $\pm 10^\circ$  (full and split); rudder flares of 10° and 40°, and a rudder deflection of 15° about the 10° and 40° flare positions.

NOMENCLATURE  
General

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C <sub>p</sub>	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; $V/a$
p		pressure; N/m <sup>2</sup> , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$ , N/m <sup>2</sup> , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
$\alpha$	ALPHA	angle of attack, degrees
$\beta$	BETA	angle of sideslip, degrees
$\psi$	PSI	angle of yaw, degrees
$\phi$	PHI	angle of roll, degrees
$\rho$		mass density; kg/m <sup>3</sup> , slugs/ft <sup>3</sup>

Reference & C.G. Definitions

A <sub>b</sub>		base area; m <sup>2</sup> , ft <sup>2</sup>
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\frac{l}{c}$ <sub>REF</sub>	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m <sup>2</sup> , ft <sup>2</sup>
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
$\infty$	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
$C_N$	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
$C_A$	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
$C_Y$	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
$C_{A_b}$	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
$C_{A_f}$	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
$C_m$	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
$C_n$	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
$C_l$	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$

Stability-Axis System

$C_L$	CL	lift coefficient; $\frac{\text{lift}}{qS}$
$C_D$	CD	drag coefficient; $\frac{\text{drag}}{qS}$
$C_{D_b}$	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
$C_{D_f}$	CDF	forebody drag coefficient; $C_D - C_{D_b}$
$C_Y$	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
$C_m$	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
$C_n$	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
$C_l$	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
L/D	C/D	lift-to-drag ratio; $C_Y/C_D$

ADDITIONS TO NOMENCLATURE

FOR MSFC TEST 555

<u>SYMBOL</u>	SADSAC <u>SYMBOL</u>	<u>DEFINITION</u>
$\delta_{eL}$	ELVN-L	Full left elevon, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_{eR}$	ELVN-R	Full right elevon, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_e$	ELEVTR	Full elevator only, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_{eLO}$		Left outboard elevon only, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_{eRO}$		Right outboard elevon only, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_{eO}$	OBDELV	Outboard elevator only, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_{eI}$	IBDELV	Inboard elevator only, surface deflection angle, positive deflection, trailing edge down; degrees.
$\delta_R$	RUDDER	Rudder, surface deflection angle, positive deflection, trailing edge to the left; degrees.
$\delta_{RF}$	RUDFLR	Rudder flare, split rudder deflection angle, positive deflection, trailing edges outward; degrees.
$\delta_a$	AILRON	Aileron, full or outboard total aileron deflection angle, degrees, (left aileron-right aileron)/2.
$\delta_{aO}$	OBDAIL	Outboard aileron, outboard total aileron deflection angle, degrees, (left aileron-right aileron)/2.

ADDITIONS TO NOMENCLATURE (CONTINUED)

<u>SYMBOL</u>	SADSAC <u>SYMBOL</u>	<u>DEFINITION</u>
$\delta_{aI}$	IBDAIL	Inboard aileron, inboard total aileron deflection angle, degrees, (left aileron-right aileron)/2.
	CONFIG	Configuration tested; = 1.0 (BLCLDLF1M1) = 2.0 (BLCLDLF1M1) (W1EL) = 3.0 (BLCLDLF1M1) (W1EL) (V1K1R1)
$(C_L)_{L/D \text{ MAX}}$	CLLDMX	Lift coefficient evaluated at maximum L/D.
$\Delta C_L$	DCL	Lift coefficient variation for a specific change in elevon deflection.
$\Delta C_{LM}$	DCLM	Pitching moment variation for a specific change in elevon deflection.
$\Delta \delta_e$	DE	Incremental change of elevon deflection.
$(L/D)_{\text{MAX}}$	L/DMAX	Maximum value of L/D.
$C_{y\beta}$	D(CY)	Derivative of side force coefficient with respect to beta (beta = $\pm 5^\circ$ ); per degree.
$C_{n\beta}$	D(CYN)	Derivative of yawing moment coefficient with respect to beta (beta = $\pm 5^\circ$ ); per degree, body axis system.
$C_{l\beta}$	D(CBL)	Derivative of rolling moment coefficient with respect to beta (beta = $\pm 5^\circ$ ); per degree, body axis system.

## CONFIGURATIONS INVESTIGATED

Test results reported herein were obtained on a 0.004 scale model of the NR ATP Baseline Orbiter. Each of the model components tested are listed below. Pertinent dimensional data for these components are given in Table III.

<u>MODEL COMPONENT SYMBOL</u>	<u>DESCRIPTION</u>
(BLCLDLF1ML)	Body Alone
BL	Orbiter body
CL	Canopy
DL	Manipulator fairing along top centerline
FL	Body flap
ML	OMS pods
(BLCLDLF1ML) (WLEL)	Body With Wing
WL	Wing
EL	Split elevons
(BLCLDLF1ML) (WLEL) (V1K1R1)	Body With Wing and Centerline Vertical Tail
V1	Body centerline vertical tail
K1	Air scoop at base of vertical tail
R1	Split rudder

The following SADSAC names are used to define control deflection. The various elevon and rudder deflections tested and their SADSAC definition is also tabulated below.

ELEVTR	Inboard and outboard elevons deflected together
OBDELV	Outboard only elevons deflected
OBDAIL	Outboard only elevons deflected
RUDFLR	Rudder flare
RUDDER	Rudder deflection; with or without rudder flare
AILRON	Inboard and outboard elevons deflected together

CONFIGURATIONS INVESTIGATED (CONTINUED)

CONTROL SURFACE					NOMENCLATURE						
RUDDER	RUDDER FLARE	ELEVONS				ELEVTR	OBDELV	AILRON	OBDAIL	RUDFLR	RUDDER
		LEFT		RIGHT							
		INBOARD	OUTBOARD	INBOARD	OUTBOARD	$\delta_e$	$\delta_e$	$\delta_a$	$\delta_a$	$\delta_{RF}$	$\delta_r$
0	10	10	10	10	10	10	-	-	-	10	0
0	10	-20	-20	-20	-20	-20	-	-	-	10	0
0	10	-40	-40	-40	-40	-40	-	-	-	10	0
0	10	0	-20	0	-20	-	-20	-	-	10	0
0	10	10	10	-10	-10	-	-	10	-	10	0
0	10	0	10	0	-10	-	-	-	10	10	0
0	40	0	0	0	0	-	-	-	-	40	0
15	40	0	0	0	0	-	-	-	-	40	15
15	10	0	0	0	0	-	-	-	-	10	15

## TEST FACILITY DESCRIPTION

The Marshall Space Flight Center 14" x 14" Trisonic Wind Tunnel is an intermittent blowdown tunnel which operates by high pressure air flowing from storage to either vacuum or atmospheric conditions. A Mach number range from .2 to 5.85 is covered by utilizing two interchangeable test sections. The transonic section permits testing at Mach 0.20 through 2.50, and the supersonic section permits testing at Mach 2.74 through 5.85. Mach numbers between .2 and .9 are obtained by using a controllable diffuser. The range from .95 to 1.3 is achieved through the use of plenum suction and perforated walls. Mach numbers of 1.44, 1.93 and 2.50 are produced by interchangeable sets of fixed contour nozzle blocks. Above Mach 2.50 a set of fixed contour nozzle blocks are tilted and translated automatically to produce any desired Mach number in .25 increments.

Air is supplied to a 6000 cubic foot storage tank at approximately -40°F dew point and 500 psi. The compressor is a three-stage reciprocating unit driven by a 1500 hp motor.

The tunnel flow is established and controlled with a servo actuated gate valve. The controlled air flows through the valve diffuser into the stilling chamber and heat exchanger where the air temperature can be controlled from ambient to approximately 180°F. The air then passes through the test section which contains the nozzle blocks and test region.

Downstream of the test section is a hydraulically controlled pitch sector that provides a total angle of attack range of 20° (+10°). Sting offsets are available for obtaining various maximum angles of attack up to 90°.



## DATA REDUCTION

All model forces and moments are resolved in the body and stability axis system and are presented in the form of non-dimensional coefficients. Model reference dimensions used in the data reduction are:

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Reference Area ( $S_{ref}$ )	3220.0 ft. <sup>2</sup>	7.419 in. <sup>2</sup>
Reference Length ( $l_{ref}$ ) (M.A.C.)	525.5 in.	2.102 in.
Reference Span ( $b_{ref}$ ) (Wing Span)	1007.7 in.	4.030 in.
Base Area ( $A_b$ ) including cavity area, See Figure 4	382 ft. <sup>2</sup>	0.878 in. <sup>2</sup>
Cavity Area ( $A_c$ )	—————	0.313 in. <sup>2</sup>

Moments were referenced to the center of gravity at 65 percent body length ( $l_B$ ) from the nose ( $l_B = 5.312$  in).

Moment reference dimensions used are:

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
XMRP	863.2 in.	3.453 in.
YMRP	0.0 in.	0.0 in.
ZMRP	0.0 in.	0.0 in.

DATA REDUCTION (CONTINUED)

The base axial force coefficient was calculated using:

$$CAB = -(CPBAVG) \frac{A_b - A_c}{S_{ref}} - (CPC) \frac{A_c}{S_{ref}}$$

where:  $CPBAVG$  = average base pressure coefficient =  $\frac{P_{b_{avg}} - P_{\infty}}{q}$

$$CPC = \text{cavity pressure coefficient} = \frac{P_c - P_{\infty}}{q}$$

Center of pressure ( $X_{c.p.}$ ) calculations based on body length were made using:

$$\frac{X_{c.p.}}{l_B} = \frac{X_{c.g.}}{l_B} - \left( \frac{C_m}{C_N} \right) \left( \frac{l_{ref}}{l_B} \right)$$

where  $X_{c.g.} = XM_{RP} = 3.453$  in.  
 $l_{ref} = l_{REF} = 2.102$  in.  
 $l_B = \text{body length} = 5.312$  in.

Transition grit was used on the model during the entire test. Figure 3 shows the type grit, location and grit thickness used.

TABLE I.  
TEST CONDITIONS  
TEST TWT 555

MACH NUMBER	REYNOLDS NUMBER per unit length	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.6	$5.0 \times 10^6/\text{FT.}$	4.3	100
0.9	6.3 "	7.4	↓
1.2	6.7 "	9.1	
1.96	6.8 "	10.3	100
2.99	4.1 "	5.2	140
4.96	4.9 "	3.1	140

BALANCE UTILIZED: MSFC # 231

CAPACITY:

NF 120 lbs.  
SF 50 lbs.  
AF 20 lbs.  
PM 112 lbs.  
YM 56 lbs.  
RM 30 lbs.

ACCURACY:

± 0.60 lbs.  
± 0.25 lbs.  
± 0.10 lbs.  
± 0.56 in-lbs.  
± 0.30 lbs.  
± 0.15 lbs.

COEFFICIENT  
TOLERANCE:

@ = q 10 psi  
± 0.0080  
± 0.0035  
± 0.0015  
± 0.0035  
± 0.0020  
± 0.0009

COMMENTS:

TABLE II.  
TEST MSFC TWT 555 DATA SET COLLATION SHEET

PRETEST

POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. of RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)												
		$\alpha$	$\beta$	SeL	SeR	SeLO	SeRO		SRF	ST				0.6	0.9	1.20	1.46	1.96	2.99	4.96	
R76101	B,C,D,F,M1	A	O	-	-	-	-	6	-	-					0.6	0.9	1.20	1.46	1.96	2.99	4.96
102		B	O					4						054/0	053/0	052/0			096/0	001/0	002/0
103		C	O					2						064/0	063/0					009/0	010/1
104		O	D					4												205/0	206/0
105		10	D					6						065/0	066/0	067/0			099/0		
106		20	D					6						049/0	050/0	051/0			097/0	004/0	003/0
107		30	D					2						070/0	069/0	068/0			098/0	005/1	006/1
108		50	D	Y	Y	Y	Y	2												008/0	007/0
201	(B,C,D,F,M1)(W,E,I)	A	O	O	O	O	O	6						060/0	059/0	058/0			095/0	019/0	020/0
202		B	O					4						061/0	062/0					011/0	012/0
203		C	O					2												200/0	199/0
204		O	D					4						076/0	075/0	074/0			092/0		
205		10	D					6						048/0	047/0	046/0			094/0	018/0	017/0
206		20	D					6						071/0	072/0	073/0			093/0	015/0	016/0
207		30	D					2												014/0	013/0
208		50	D					2	Y	Y										201/0	202/0
301	(B,C,D,F,M1)(W,E,I)(X,K,H,I)	A	O					6	10	0				055/0	056/0	057/0			088/0	022/0	021/0
302		B	O					4						032/0	031/0					030/0	029/0
303		C	O					2												197/0	198/0
304		O	D	Y	Y	Y	Y	4	Y	Y				077/0	078/0	079/0			091/0		

1	7	13	19	25	31	37	43	49	55	61	67	75	76
CN	CLM	CY	CYN	CDL	CAF	CAB	CL	CD	L/D				10

COEFFICIENTS:  $\alpha A = 0^\circ \text{ TO } 20^\circ (\Delta\alpha = 2^\circ)$ ;  $\alpha B = 20^\circ \text{ TO } 40^\circ (\Delta\alpha = 2^\circ)$   $\rightarrow$  IDPVAR(1) | IDPVAR(2) | NDV  
 $\alpha$  or  $\beta$   
 SCHEDULES  $\alpha C = 40^\circ \text{ TO } 60^\circ (\Delta\alpha = 2^\circ)$ ;  $\alpha E = 10^\circ \text{ TO } 30^\circ (\Delta\alpha = 2^\circ)$   
 $\beta D = -10^\circ, -6^\circ, -3^\circ, -2^\circ, -1^\circ, 0^\circ, 1^\circ, 2^\circ, 3^\circ, 6^\circ, 10^\circ$

TABLE II. (CONTINUED)

TEST MSFC TW7 555 DATA SET COLLATION SHEET

PRETEST  
 POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. of RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)											
		$\alpha$	$\beta$	$\delta_{eL}$	$\delta_{eR}$	$\delta_{eLO}$	$\delta_{eRO}$		$\delta_{RF}$	$\delta_T$				0.60	0.90	1.20	1.46	1.96	2.99	4.96
R76 305	(BICIDIFIM)(WIEI)(VIKIRI)	10	D	0	0	0	0	6	10	0				0.60	0.90	1.20	1.46	1.96	2.99	4.96
306		20	D					6						043/0	044/0	045/0		089/0	023/0	024/0
307		30	D					3						082/0	081/0	080/0		090/0	026/0	025/0
308		50	D					2						192/0					027/0	028/0
309		A	0	10	10	10	10	6						187/0	186/0	185/0		145/0	137/0	138/0
310		B	0					4						188/0	189/0				136/0	135/0
311		A	0	-20	20	-20	-20	6						042/0	041/0	040/0		101/0	116/0	115/0
312		B	0					4						033/0	034/0				117/0	118/0
313		20	D					6						083/0	084/0	085/0		102/0	120/0	119/0
314		A	0	-40	-40	-40	-40	1										100/0		
315		B	0					4						191/0	190/0				125/0	126/0
316		C	0					2											196/0	195/0
317		A	0	0	0	-20	-20	6						037/0	038/0	039/0		103/0	121/0	122/0
318		B	0					4						036/0	035/0				124/0	123/0
319		A	0	10	-10	10	-10	4						182/0	183/0	184/0		144/0		
320		B	0					4						181/0	180/0				140/0	139/0
321		A	0	0	0			4						178/0	176/0	177/0		143/0		
322		B	0					4	Y					174/0	175/0				141/0	142/0
323		A	0			0	0	6	40					169/0	170/0	171/0		104/0	105/0	106/0
324		B	0					4						173/0	172/0				108/0	107/0

14

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

COEFFICIENTS: \_\_\_\_\_ IDPVAR (1) | IDPVAR (2) | NDV

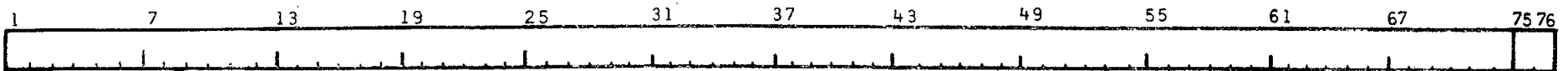
$\alpha$  or  $\beta$  \_\_\_\_\_

SCHEDULES \_\_\_\_\_

TABLE II. (CONCLUDED)  
 TEST MSFC TW7555 DATA SET COLLATION SHEET

PRETEST  
 POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. of RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)												
		$\alpha$	$\beta$	$\delta e_L$	$\delta e_R$	$\delta e_{LO}$	$\delta e_{RO}$		$\delta r_F$	$\delta r$				0.60	0.90	1.20	1.46	1.96	2.99	4.96	
R76325	(B,C,D,F,H,I)(W,E,I)(V,K,R,I)	10	D	0	0	0	0	4	40	0					179/0		169/0			113/0	114/0
326		20	D					3							167/0					112/0	111/0
327		30	D					3							166/0					109/0	110/0
328		A	O					6	10	15					157/0	158/0	159/0		146/0	129/0	130/0
329		B	O					4							156/0	155/0				128/0	127/0
330		O	D					4							163/0	164/0	165/0		147/0		
331		10	D					4							162/0	161/0	160/0		148/0		
332		A	O					6	40						152/0	151/0	150/0		149/0	132/0	131/0
333		B	O					4							153/0	154/0				133/0	134/0
334	Y	E	O	0	0	0	0	2	10	0					087/0	086/0					



COEFFICIENTS: \_\_\_\_\_ IDPVAR(1) IDPVAR(2) NDV

$\alpha$  or  $\beta$  \_\_\_\_\_

SCHEDULES \_\_\_\_\_

TABLE III  
DIMENSIONAL DATA

MODEL COMPONENT: BODY - BI

GENERAL DESCRIPTION: BASIC DELTA WING FUSELAGE PER NAR LINES DRAWING

VL70-000001

MODEL SCALE = .004

DRAWING NUMBER: VL000001

<u>DIMENSIONS:</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
Length	<u>1328.33</u>	<u>5.313</u>	<u>          </u>
Max. Width - IN.	<u>237.96</u>	<u>0.952</u>	<u>          </u>
Max. Depth - IN.	<u>238.00</u>	<u>0.952</u>	<u>          </u>
Fineness Ratio - IN.	<u>5.527</u>	<u>5.527</u>	<u>          </u>
Area-FT <sup>2</sup>			
Max. Cross-Sectional	<u>326.0</u>	<u>.00522</u>	<u>          </u>
Planform	<u>          </u>	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>	<u>          </u>

TABLE III  
 DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY - CANOPY C1

GENERAL DESCRIPTION: CANOPY USED WITH BASIC DELTA WING FUSELAGE PER  
NAR LINES DWG VL70-000001

MODEL SCALE = 0.004

DRAWING NUMBER: VL70-000001

<u>DIMENSIONS:</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
<u>STA FWD BULKHEAD, IN</u>	<u>340.00</u>	<u>1.3600</u>	_____
<u>STA, TRAILING EDGE, IN</u>	<u>560.00</u>	<u>2.240</u>	_____
Max. Depth	_____	_____	_____
Fineness Ratio	_____	_____	_____
Area			
Max. Cross-Sectional	_____	_____	_____
Planform	_____	_____	_____
Wetted	_____	_____	_____
Base	_____	_____	_____

Winshield consists of six (6) Panels.  
 Pilots Eye is at the following points.

FUS STA -IN	408.00
B. P. - IN	24.00
W. P. - IN	455.00

View Angle Available:

DEG Upward	20.00
DEG Downward	24.00



TABLE III  
DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY - MANIPULATOR HOUSING - DI

GENERAL DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SCALE MODEL = 0.004

DRAWING NUMBER: VL70-000001

<u>DIMENSIONS:</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
Length, IN	<u>967.0</u>	<u>3.8680</u>	_____
Max. Width, IN	<u>53.32</u>	<u>0.2132</u>	_____
Max. Depth, IN	<u>20.00</u>	<u>0.080</u>	_____
Fineness Ratio	_____	_____	_____
Area			
Max. Cross-Sectional	_____	_____	_____
Planform	_____	_____	_____
Wetted	_____	_____	_____
Base	_____	_____	_____

TABLE III  
 DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY - ORBITAL MANEUVERING SYSTEM POD-MI

GENERAL DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

MODEL SCALE = 0.004

DRAWING NUMBER: VL - 000001

<u>DIMENSIONS:</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
Length ~ IN	<u>290.67</u>	<u>1.1626</u>	_____
Max. Width ~ IN	<u>67.33</u>	<u>0.2693</u>	_____
Max. Depth ~ IN	<u>104.00</u>	<u>0.416</u>	_____
Fineness Ratio	<u>-</u>	<u>-</u>	_____
Area			
Max. Cross-Sectional	<u>-</u>	<u>-</u>	_____
Planform	<u>-</u>	<u>-</u>	_____
Wetted	<u>-</u>	<u>-</u>	_____
Base	<u>-</u>	<u>-</u>	_____

TABLE III  
DIMENSIONAL DATA (Concluded)

MODEL COMPONENT: WING - WI

GENERAL DESCRIPTION: DELTA WING WITH -5° TWIST AND ROUNDED WING TIPS, WING  
BLENDS INTO BODY, FOLLOWS NAR LINES, V70-00000<sup>1</sup>, EQUIV. SPAN IS 78.604 % OF  
THEORETICAL DELTA WING, MODEL SCALE = 0.004

DRAWING NUMBER: VL70-00000<sup>1</sup>

DIMENSIONS:	THEORETICAL		ACTUAL MEASURED
	TOTAL DATA	FULL-SCALE	MODEL SCALE
Area			
Planform	3221.92	.05155	
Wetted	-	-	
Span (equivalent)	1007.8	4.0312	
Aspect Ratio	2.144	2.144	
Rate of Taper	1.191	1.191	
Taper Ratio	0.219	0.219	
Dihedral Angle, degrees	3.500	3.500	
Incidence Angle, degrees	3.000	3.000	
Aerodynamic Twist, degrees	-5.000	-5.000	
Toe-In Angle	3.000	3.000	
Cant Angle	-2.000	-2.000	
Sweep Back Angles, degrees			
Leading Edge	49.910	49.910	
Trailing Edge	-0.183	-0.183	
0.25 Element Line	41.675	41.675	
Chords:			
Root (Wing Sta. 0.0)	760.56	3.0422	
Tip, (equivalent)	159.72	0.6388	
MAC	525.4	2.0976	
Fus. Sta. of .25 MAC	1132.98	4.5319	
W.P. of .25 MAC	304.55	1.2182	
B.L. of .25 MAC	196.09	.7843	
Airfoil Section			
Root			
Tip			
EXPOSED DATA			
Area	2203.00	0.03524	
Span, (equivalent)	795.86	3.1834	
Aspect Ratio	1.966	1.966	
Taper Ratio	0.260	0.260	
Chords			
Root	641.57	2.5662	
Tip	166.68	.6667	
MAC	450.63	1.8025	
Fus. Sta. of .25 MAC	1190.82	4.7633	
W.P. of .25 MAC	305.47	1.2219	
B.L. of .25 MAC	260.80	1.0432	
Leading Edge Cuff			
Planform Area (in W.R.P.) Ft. <sup>2</sup>		271.39	0043
Leading edge intersects fuselage ML - @ sta. in.		540.00	2.1600

TABLE III  
DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELEVON - EI (DATA FOR 1 of 2 SIDES)

GENERAL DESCRIPTION: FULL SPAN, CONSTANT CHORD ELEVON LOCATED ON  
WING WI.

MODEL SCALE = 0.004

DRAWING NUMBER: VI70.000001

<u>DIMENSIONS:</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
Area (TRUE), FT <sup>2</sup>	<u>347.2</u>	<u>.00555</u>	<u>          </u>
Span (equivalent)	<u>384.0</u>	<u>1.536</u>	<u>          </u>
Inb'd equivalent chord	<u>134.38</u>	<u>.537</u>	<u>          </u>
Outb'd equivalent chord	<u>134.38</u>	<u>.537</u>	<u>          </u>
Ratio movable surface chord/ total surface chord			
At Inb'd equiv. chord	<u>0.209</u>	<u>0.209</u>	<u>          </u>
At Outb'd equiv. chord	<u>0.805</u>	<u>0.805</u>	<u>          </u>
Sweep Back Angles, degrees			
Leading Edge	<u>-0.183</u>	<u>-0.183</u>	<u>          </u>
Tailing Edge	<u>-0.183</u>	<u>-0.183</u>	<u>          </u>
Hingeline	<u>-0.183</u>	<u>-0.183</u>	<u>          </u>
Area Moment	<u>4164.40</u>	<u>0.00026</u>	<u>          </u>
(Normal to hinge line)			
(PRODUCT OF AREA & MEAN CHORD)			

TABLE III  
DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VERTICAL TAIL - VI

GENERAL DESCRIPTION: CENTERLINE VERTICAL ON DELTA WING CONFIGURATION WITH  
DOUBLE WEDGE AIRFOIL AND ROUNDED LEADING EDGE. TOTAL DATA INCLUDES VOID  
AREA LISTED BELOW. SCALE MODEL = 0.004

DRAWING NUMBER: VL70-00000<sup>1</sup>

DIMENSIONS:

<u>TOTAL DATA</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
Area	415.25	.00664	
Planform	1.29	.00002	
Wetted	19.93	.00032	
Span (equivalent)	323.9	1.2956	
Aspect Ratio	1.675	1.675	
Rate of Taper	0.504	0.504	
Taper Ratio	0.424	0.424	
Dihedral Angle, degrees	-	-	
Incidence Angle, degrees	-	-	
Aerodynamic Twist, degrees	-	-	
Toe-In Angle	0.0	0.0	
Cant Angle	0.0	0.0	
Sweep Back Angles, degrees			
Leading Edge	45.000	45.000	
Trailing Edge	26.361	26.361	
0.25 Element Line	41.150	41.150	
Chords:			
Root (Wing Sta. 0.0)	275.52	1.1021	
Tip, (equivalent)	111.4	0.448	
MAC	205.0	0.820	
Fus. Sta. of .25 MAC	1462.2	5.849	
W.P. of .25 MAC	639.0	2.556	
B.L. of .25 MAC	0.0	0.0	
Airfoil Section 5° HALF ANGLE			
Root DOUBLE WEDGE WITH			
Tip ROUNDED L.E. =			
<u>EXPOSED DATA</u>			
Area			
Span, (equivalent)			
Aspect Ratio			
Taper Ratio			
Chords			
Root			
Tip			
MAC			
Fus. Sta. of .25 MAC			
W.P. of .25 MAC			
B.L. of .25 MAC			

\*Void area located at the lower, aft portion of the surface

TABLE III  
DIMENSIONAL DATA (Continued)

MODEL COMPONENT: RUDDER - RI

GENERAL DESCRIPTION: RUDDER ON CENTERLINE VERTICAL TAIL, VI

MODEL SCALE = 0.004

DRAWING NUMBER: VL70-000001

<u>DIMENSIONS:</u>	<u>THEORETICAL</u>		<u>ACTUAL MEASURED</u>
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>	<u>MODEL SCALE</u>
Area ~FT <sup>2</sup>	<u>117.7</u>	<u>.00188</u>	<u>          </u>
Span (equivalent) ~in	<u>226.0</u>	<u>0.9040</u>	<u>          </u>
Inb'd equivalent chord ~in	<u>97.09</u>	<u>.3884</u>	<u>          </u>
Outb'd equivalent chord ~in	<u>52.02</u>	<u>.2081</u>	<u>          </u>
Ratio movable surface chord/ total surface chord			
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>	<u>          </u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>	<u>          </u>
Sweep Back Angles, degrees			
Leading Edge	<u>34.889</u>	<u>34.889</u>	<u>          </u>
Tailing Edge	<u>26.361</u>	<u>26.361</u>	<u>          </u>
Hingeline	<u>34.889</u>	<u>34.889</u>	<u>          </u>
Area Moment	<u>647.77</u>	<u>.00004</u>	<u>          </u>
(Normal to hinge line)			
(PRODUCT OF AREA AND MEAN CHORD)			

TABLE IV.  
INDEX OF MODEL FIGURES

FIGURE	DESCRIPTION	PAGE
1.	Axis System	27
2.	General Arrangement of Orbiter Model	28
3.	Location of Grit on Model	29
4.	Definition of Base and Cavity Areas for Axial Force Corrections	30
5.	Side View Photograph of Configuration B <sub>1</sub> C <sub>1</sub> D <sub>1</sub> M <sub>1</sub> F <sub>1</sub> W <sub>1</sub> E <sub>1</sub> V <sub>1</sub> R <sub>1</sub> With Elevons Deflected-20°	31

TABLE V. INDEX OF DATA FIGURES

TITLE	PLOTTED COEFFICIENTS SCHEDULE	CONDITIONS VARYING	PAGES
Longitudinal Characteristics for Body Build-up	(A)	CONFIGURATION MACH	1-60
Effect of Full Elevator Deflection on Baseline Configuration	(A)	ELEVTR MACH	61-120
Effect of Outboard Only Elevator Deflections on Baseline Configuration	(A)	OBDELV MACH	121-180
Effect of Full Aileron Deflection with Baseline Configuration	(A)	AILRON MACH	181-240
	(B)		241-258
Effect of Outboard Only Aileron Deflection with Baseline Configuration	(A)	OBDAIL MACH	259-318
	(B)		319-336
Effect of Rudder Flare with Baseline Configuration	(A)	RUDFLR MACH	337-396
	(B)		397-414
Effect of Rudder Deflection with Baseline Configuration	(A)	RUDDER RUDFLR	415-474
	(B)	MACH	475-492
Lateral-Directional Characteristics for Body Build-up	(C)	ALPHA MACH CONFIGURATION	493-546



TABLE V. (CONCLUDED)

TITLE	PLOTTED COEFFICIENTS SCHEDULE	CONDITIONS VARYING	PAGES
Lateral-Directional Stability Characteristics for for Body Build-up	(D)	CONFIGURATION MACH	547-558
Effect of Elevator Deflection with Baseline Configuration	(C)	ELEVTR MACH	559-576
Effect of Rudder Flare with Baseline Configuration	(C)	ALPHA RUDFLR MACH	577-594
Lateral-Directional Stability Characteristics for Rudder Flare	(D)	RUDFLR MACH	595-603
Effect of Rudder Deflection with Baseline Configuration	(C)	ALPHA RUDDER MACH	604-621
Lateral-Directional Stability Characteristics for Rudder Deflection	(D)	RUDDER MACH	622-633
Incremental Characteristics for Full Elevon Deflection	(E)	ALPHA MACH	634-649
Incremental Characteristics for Outboard Elevon Deflection	(E)	ALPHA MACH	650-665
Summary Characteristics of Baseline Configuration	(F)	ELEVTR	666-667

PLOTTED COEFFICIENTS SCHEDULE:

- |   |  |
|---|--|
| (A) $C_{IM}$ , $C_N$ , $C_{AF}$ , $C_{AB}$ , $C_L$ , $C_D$ , $L/D$ , $X_{CP/L}$ versus ALPHA<br>$C_D$ versus $C_L$<br>$C_L$ versus $C_{IM}$ | (D) $D(CY)$ , $D(CYN)$ , $D(CBL)$ versus ALPHA |
| (B) $CY$ , $CYN$ , $CBL$ versus ALPHA   | (E) $DC_{IM}$ , $DCL$ versus $DE$              |
| (C) $CY$ , $CYN$ , $CBL$ versus BETA  | (F) $L/D(MAX)$ , $C_L L/D(MAX)$ versus MACH    |

Notes:

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

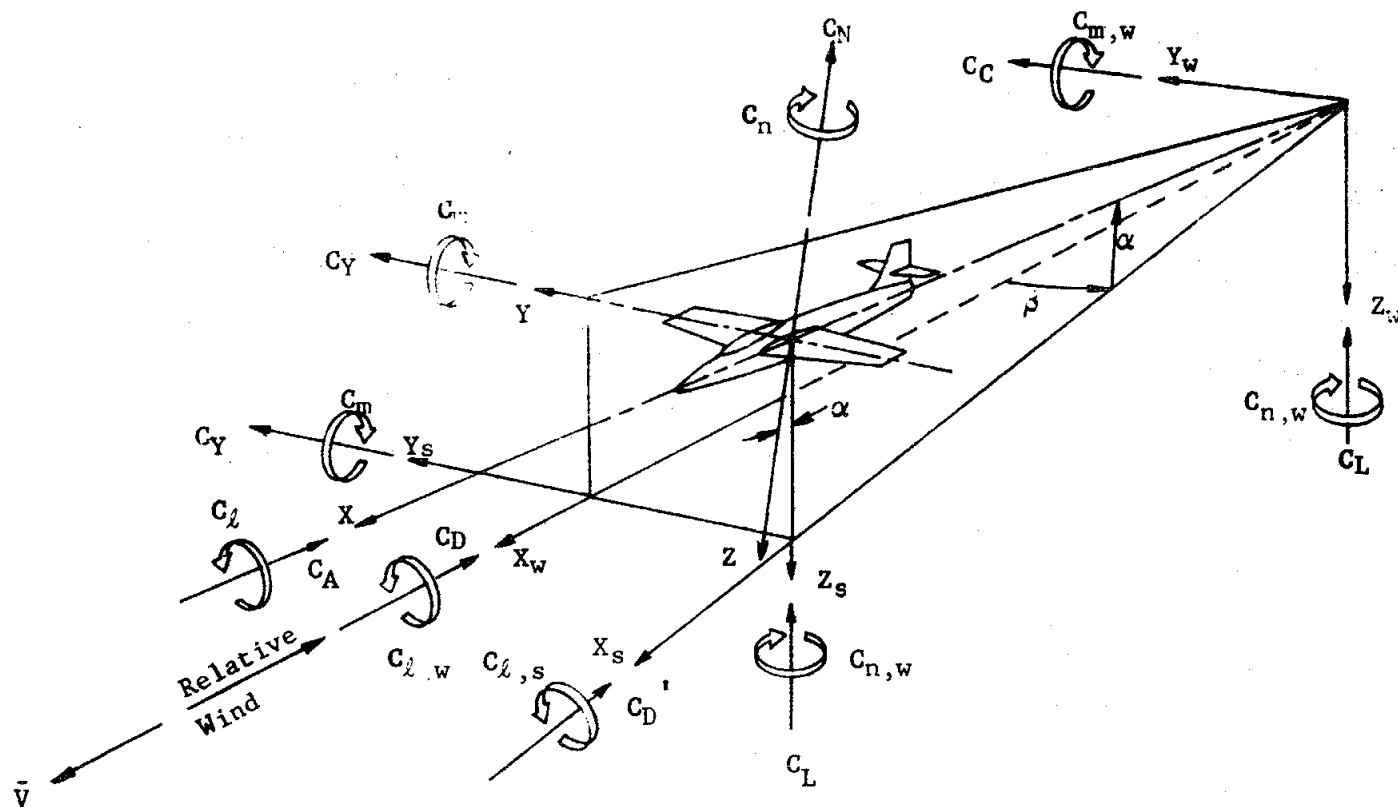


Figure 1. Axis systems, showing direction and sense of force and moment coefficients, angle of attack, and sideslip angle

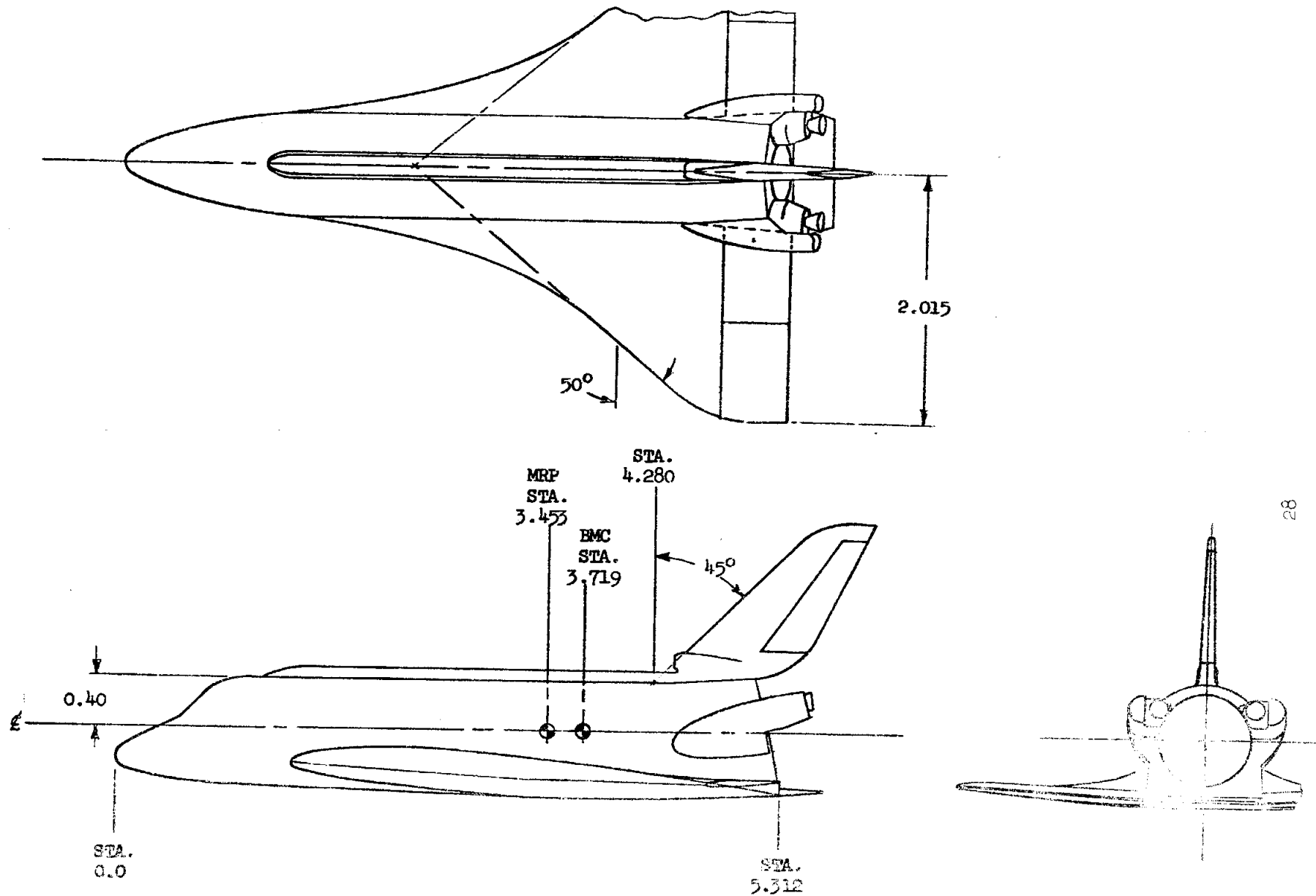
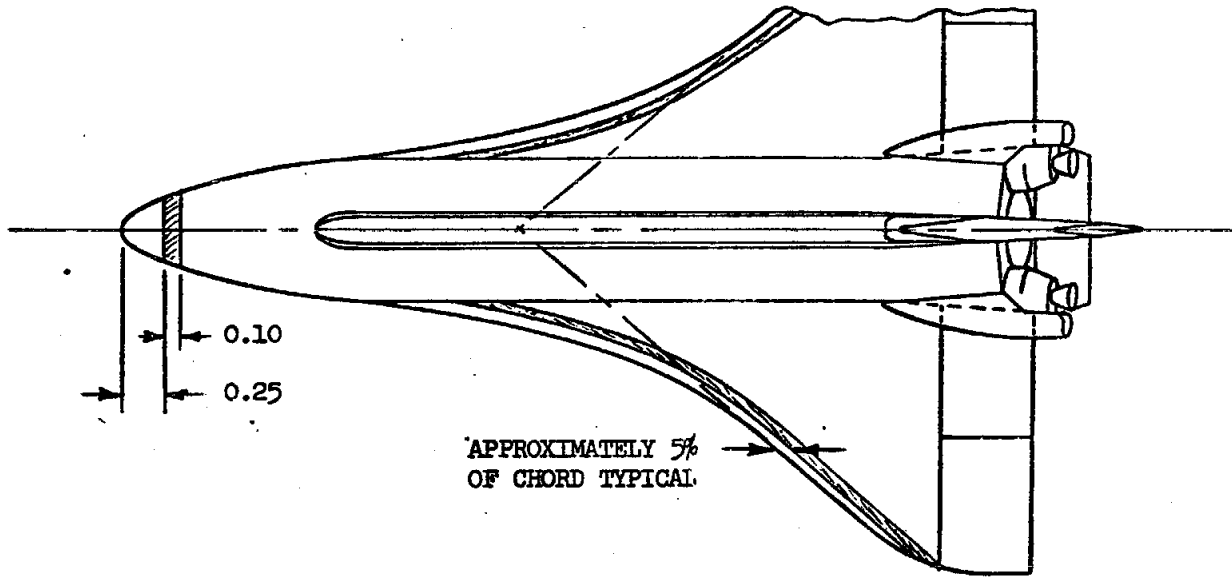


FIGURE 2 - GENERAL ARRANGEMENT OF ORBITER MODEL



NOTE: GRIT SIZE NUMBER 220

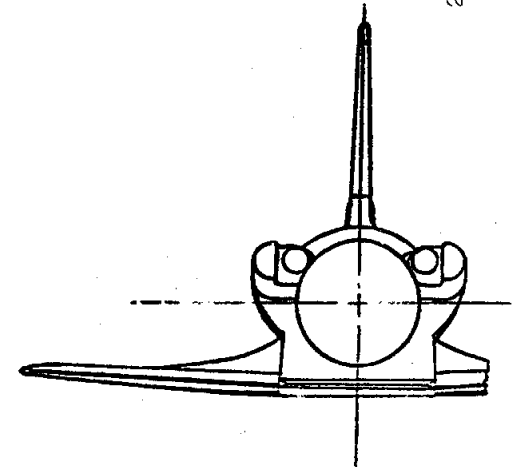
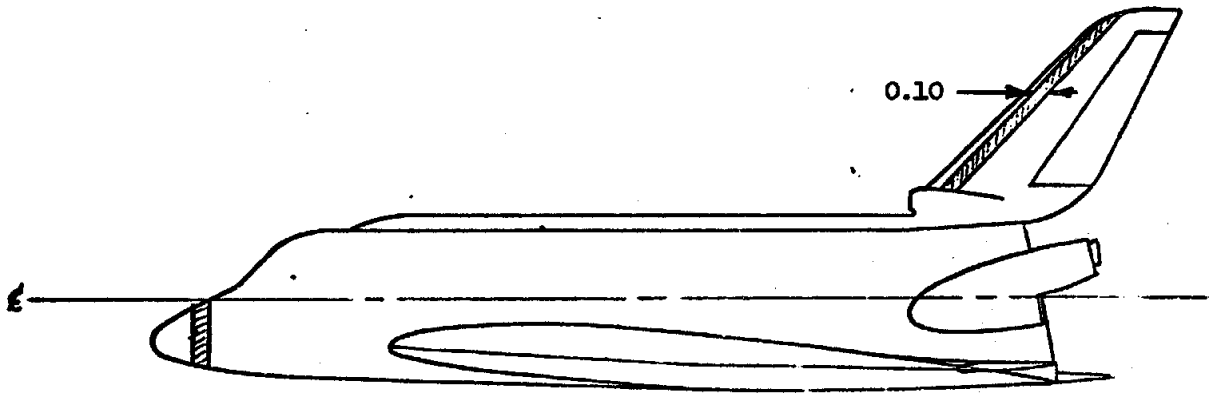


FIGURE 3 - LOCATION OF GRIT ON MODEL

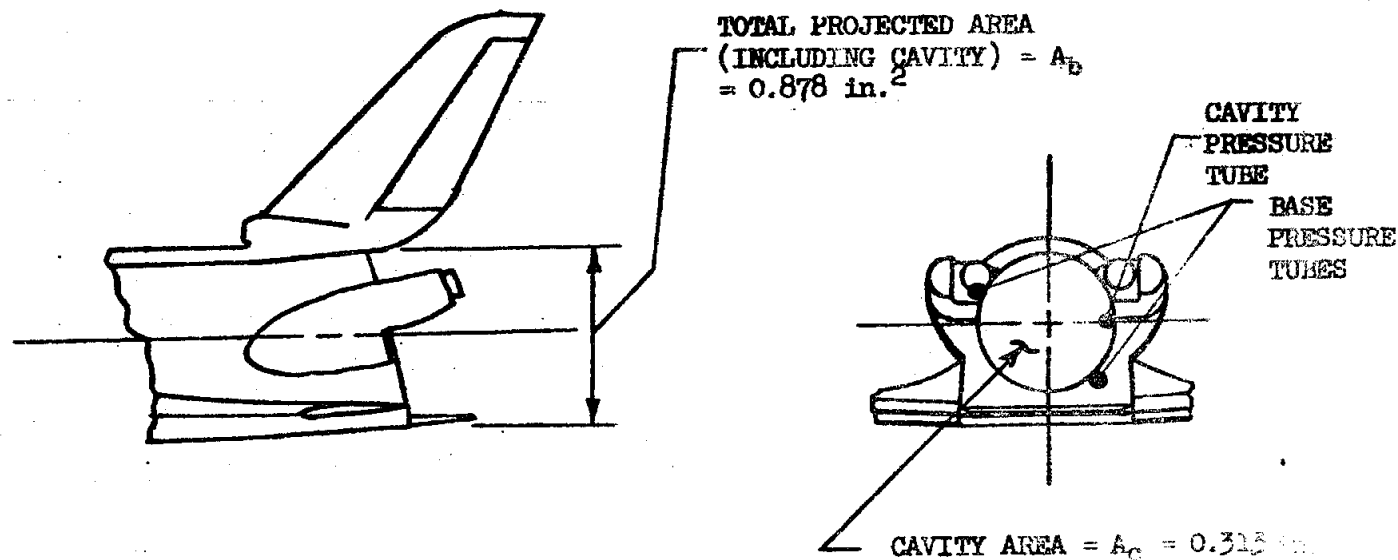
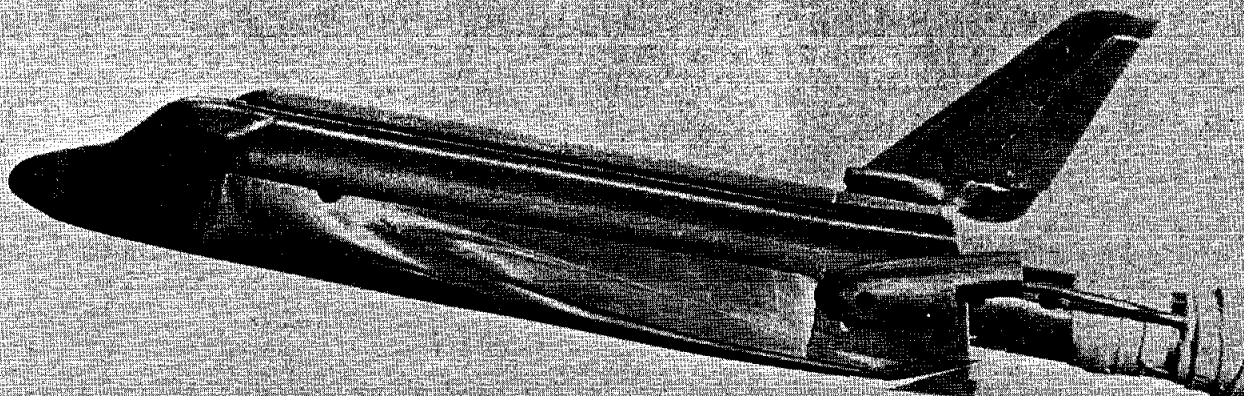


FIGURE 4 - DEFINITION OF BASE AND CAVITY AREAS FOR AXIAL FORCE CORRECTIONS

FIGURE 5 - SIDE VIEW PHOTOGRAPH OF CONFIGURATION B1C1D1M1F1W1E1V1R1  
WITH ELEVONS DEFLECTED -20°



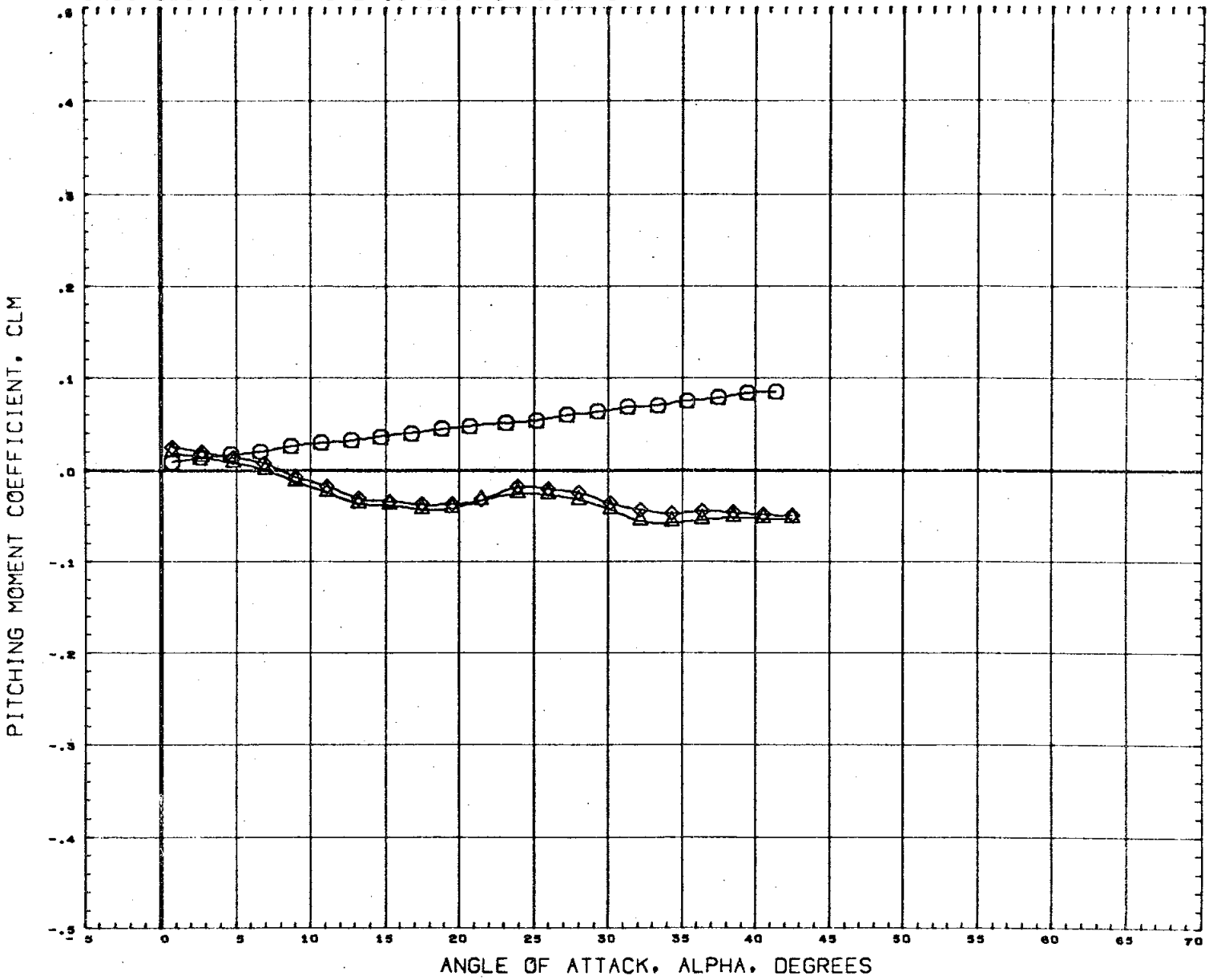
31

MSFC TWT 4555  
SEPT 29 1972 RUN 41

CON FIG

W	E	S	V	R	S	0	1	2

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

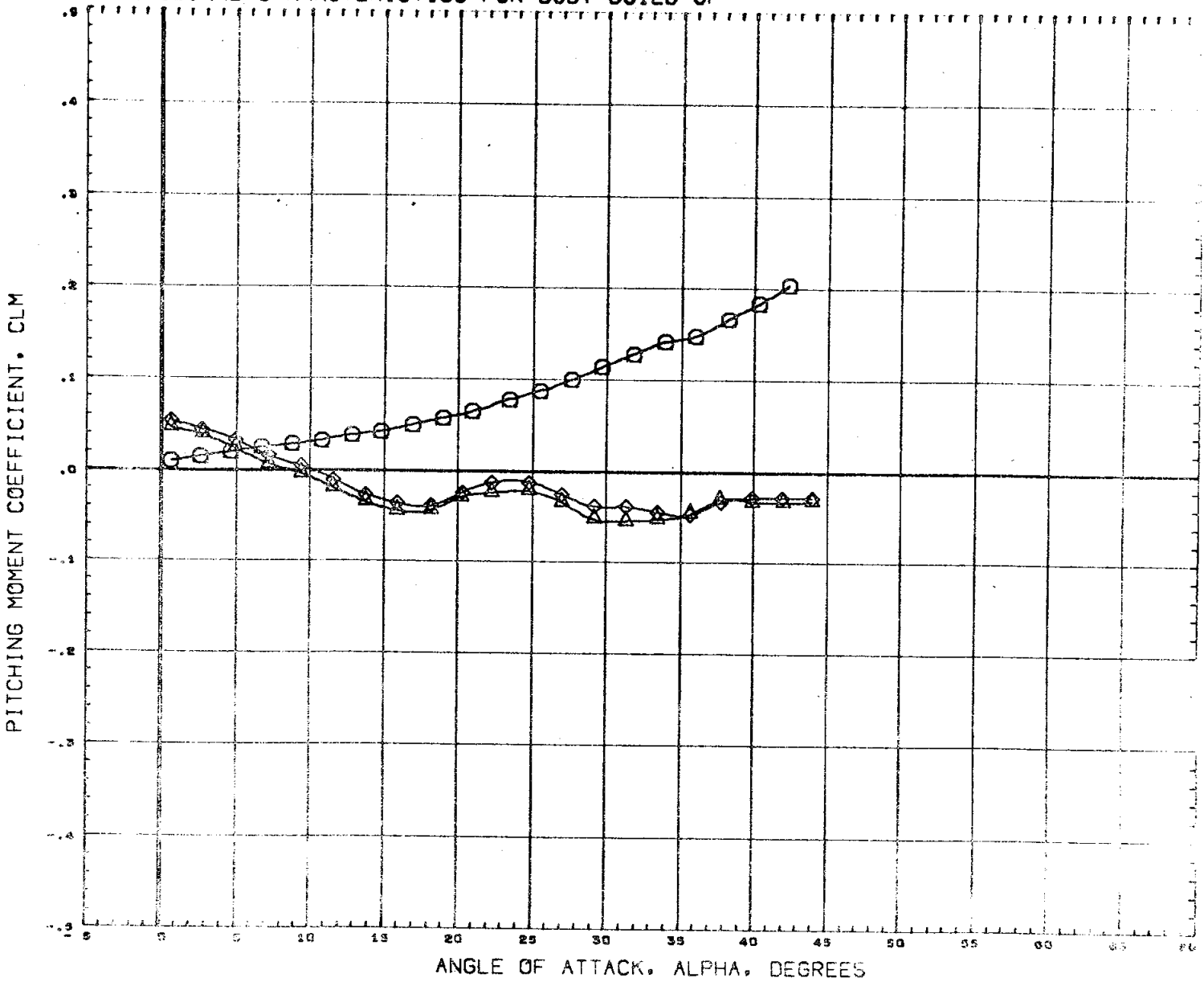


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH .60

PAGE 1

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

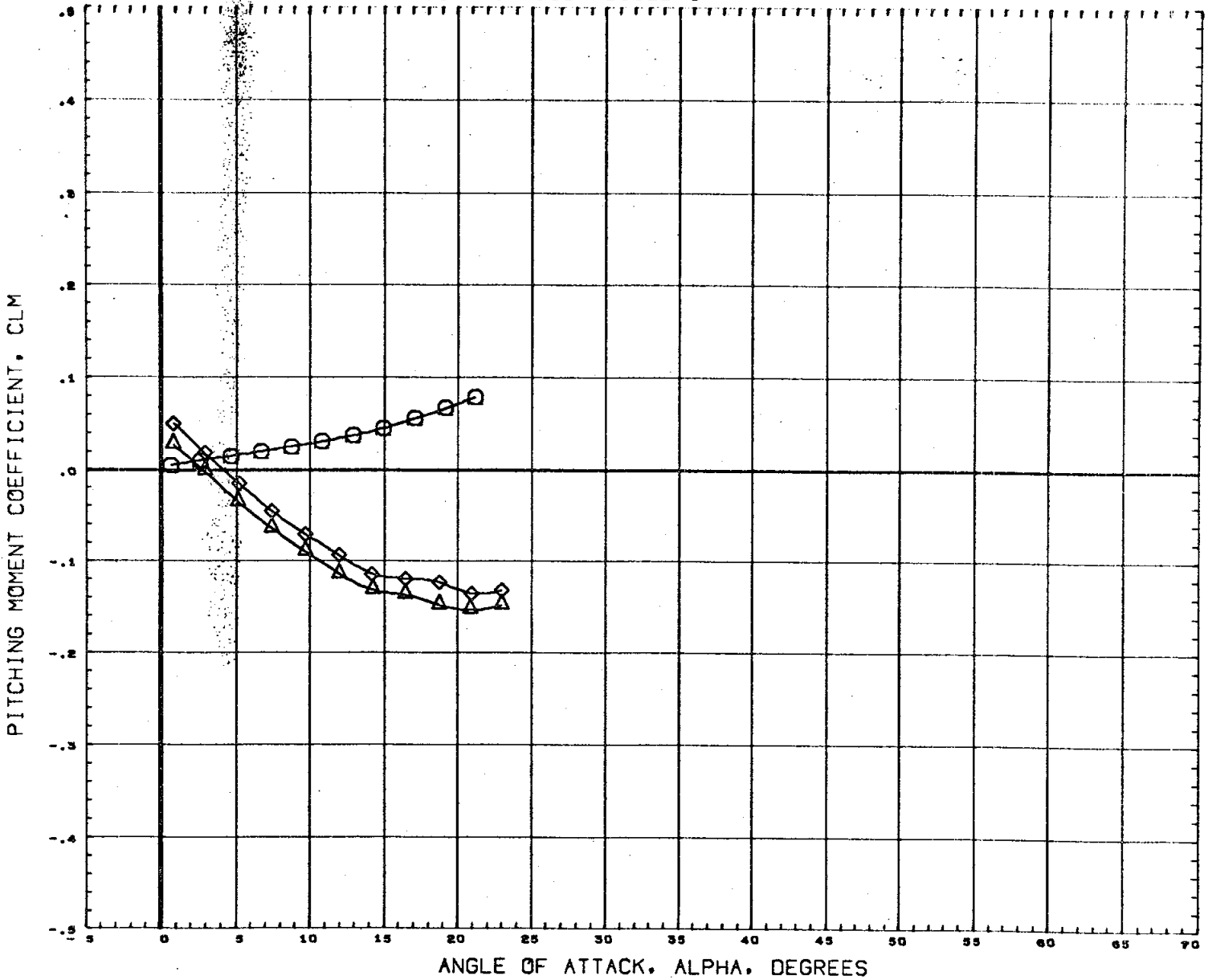


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7310S)	□ H555 (FA3) NAR ATP ORD (B1C1D1F1N1)	0.000	GREP	7.4191 90. IN.
(C7620S)	△ H555 (FA3) NAR ATP ORD (B1C1D1F1N1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	◇ H555 (FA3) NAR ATP ORD (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4830 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH .91



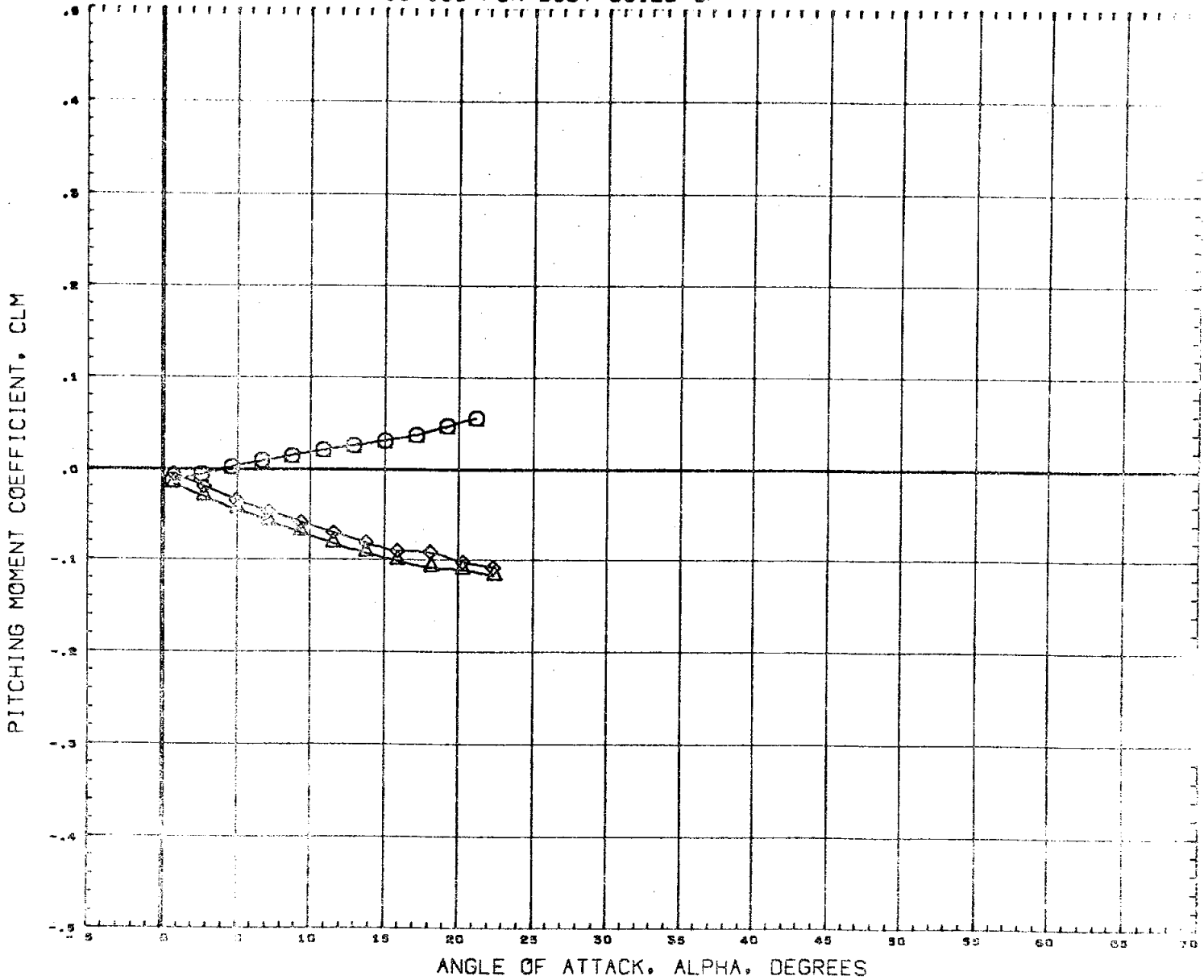
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

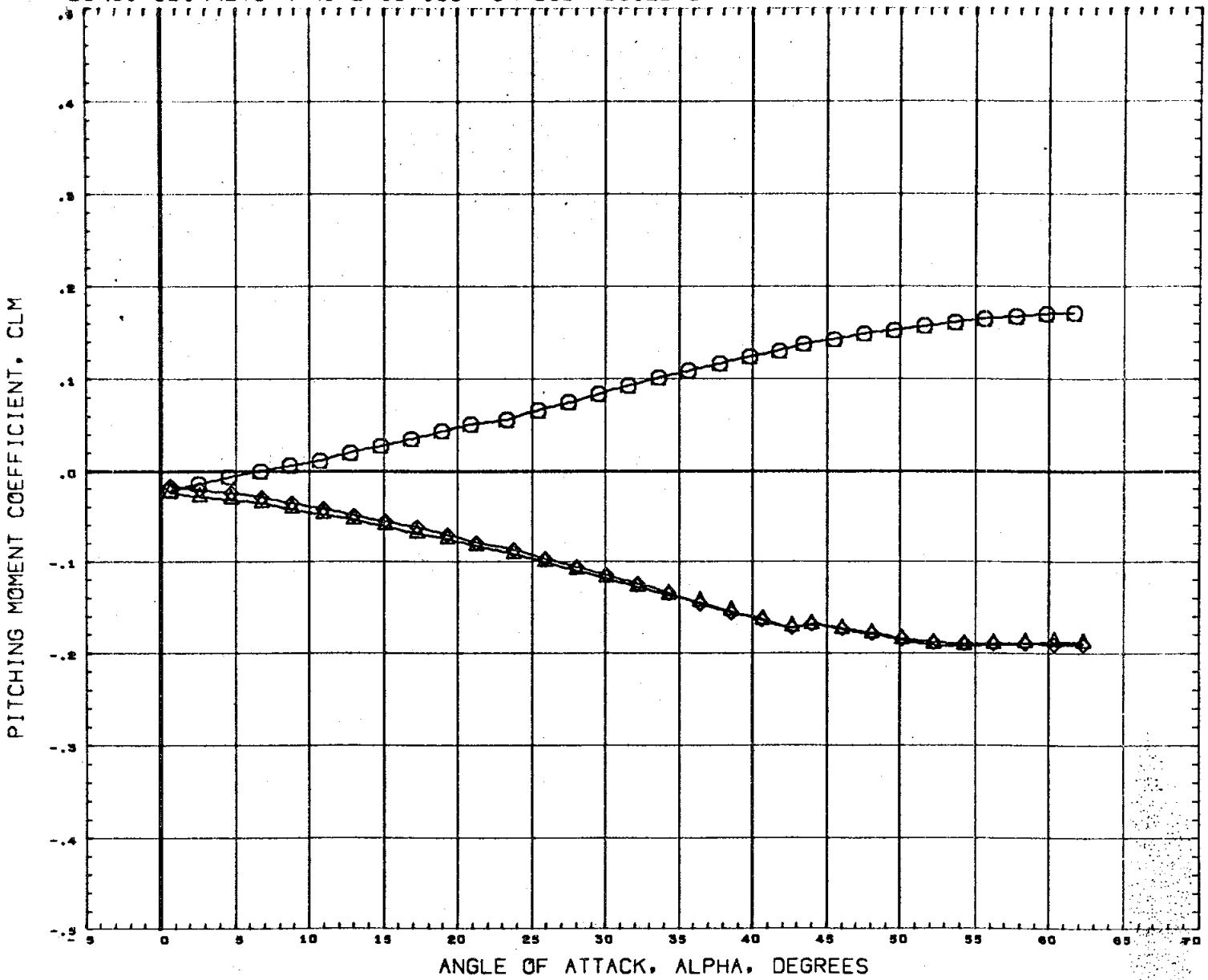
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1)	0.000	SRUF 7.4100 SQ. IN.
(C7620S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W4E1)	0.000	LRUF 2.1000
(C7630S)	M555 (FAS) NAR ATP ORB (B2C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 1.00

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

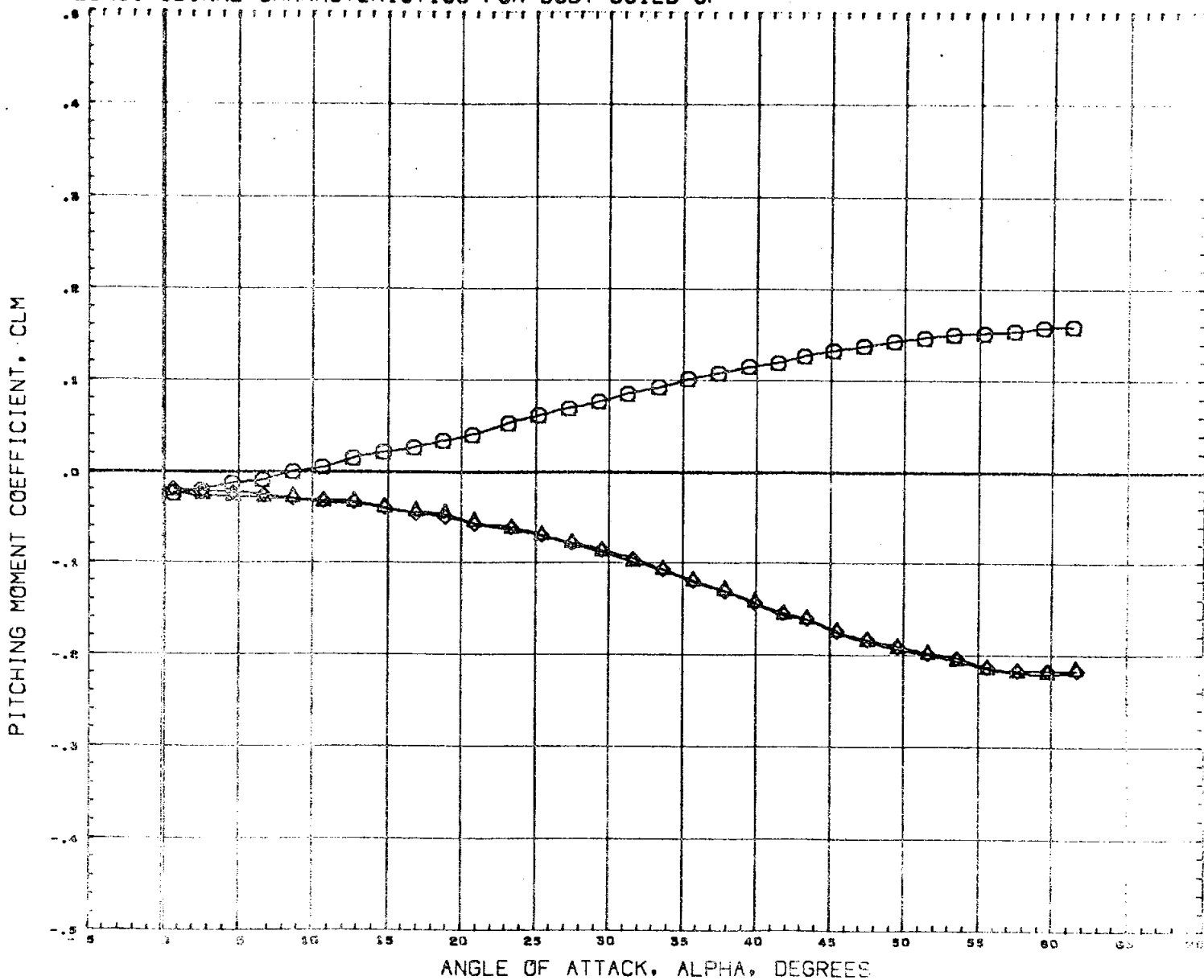


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S) ○	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S) △	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S) ◇	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040 IN.

MACH 2.99

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

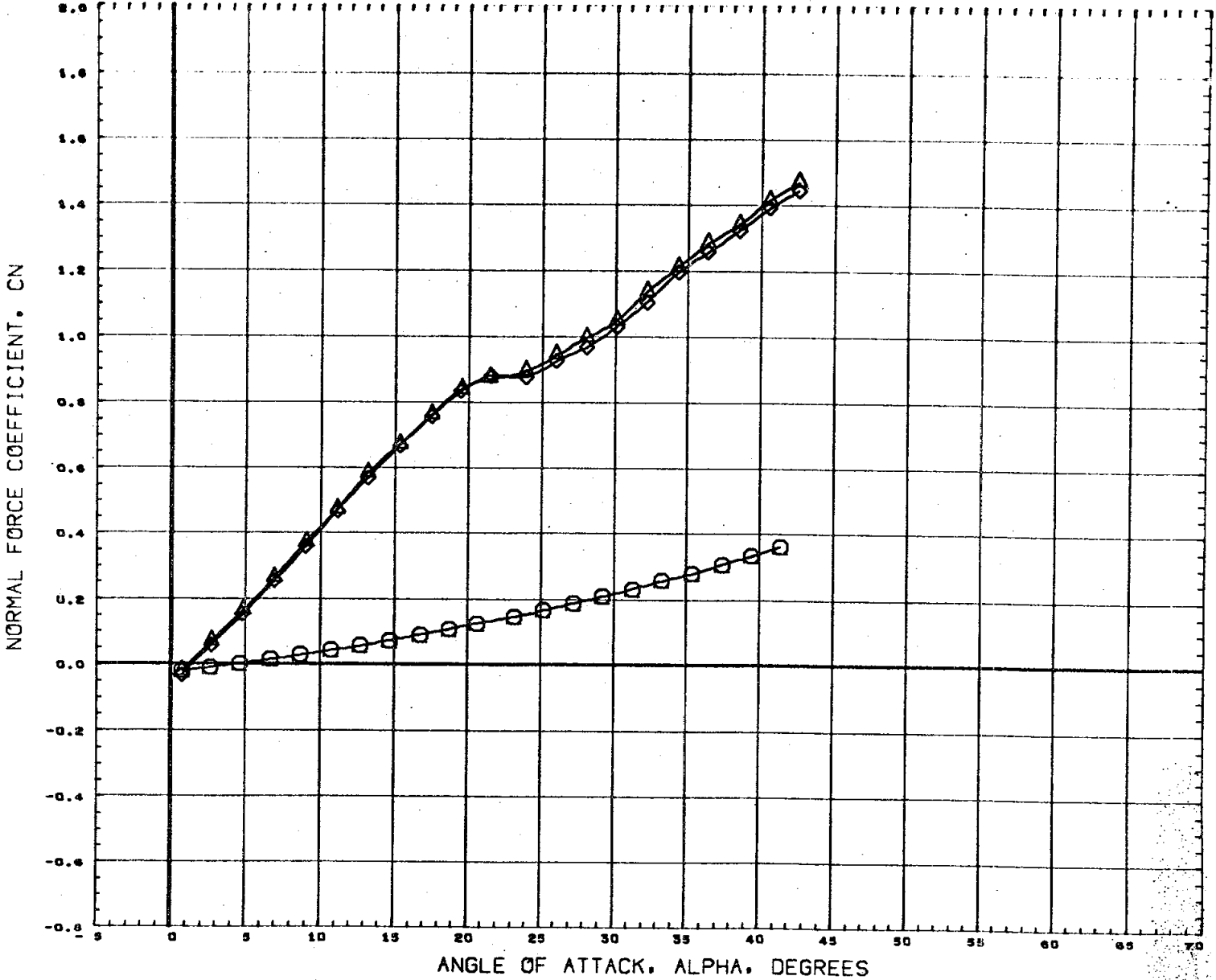


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4100 SQ IN.
(C76205)	M555 (FA3) NAR ATP ORB (D1C1D1F1M1) (W1E1)	0.000	LREF 2.1000 IN.
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0500 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 4.96

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

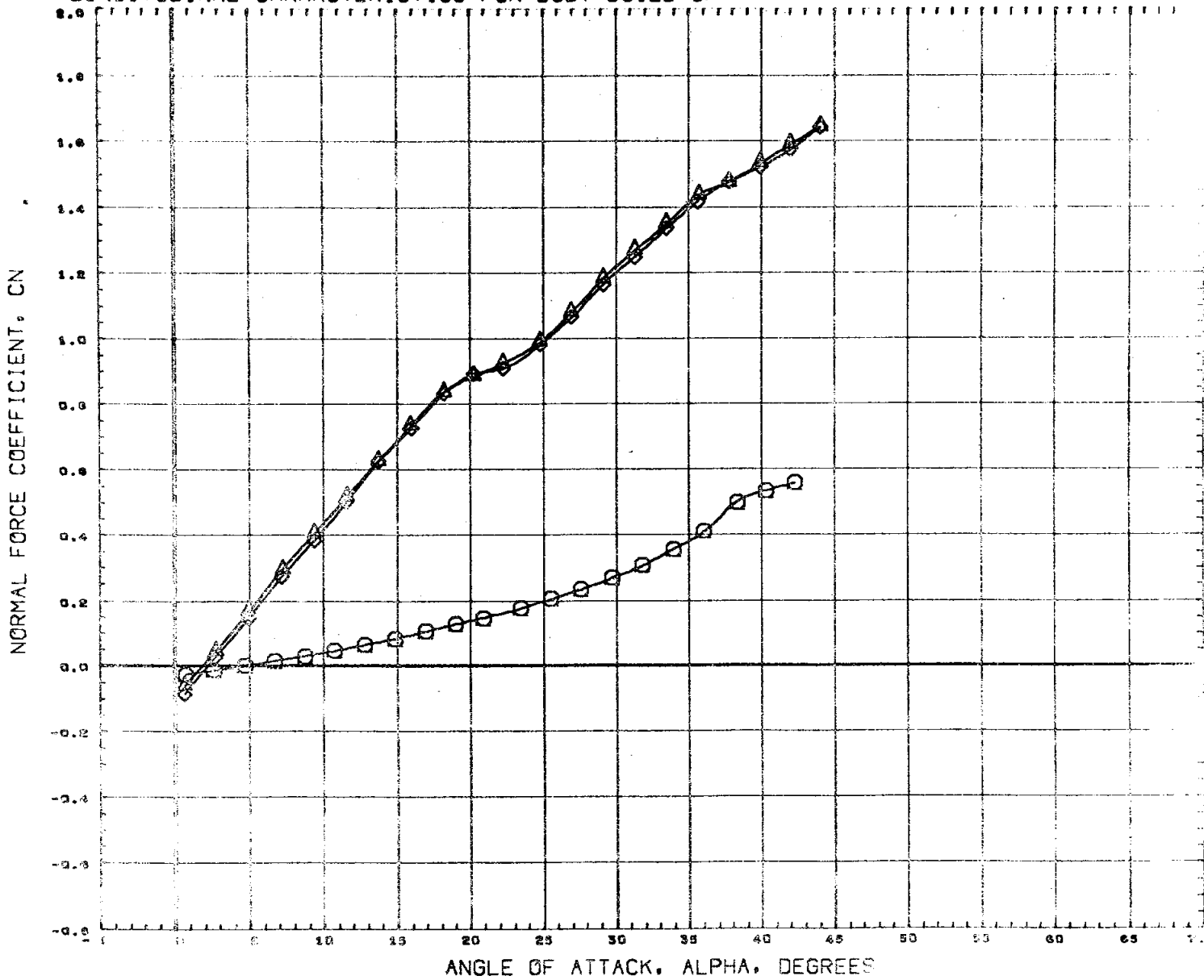


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	50. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .60

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C76105)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4100 SCLIN.
(C76205)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1000 IN.
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	SREF 4.0000 IN.
			XMRP 3.4300 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

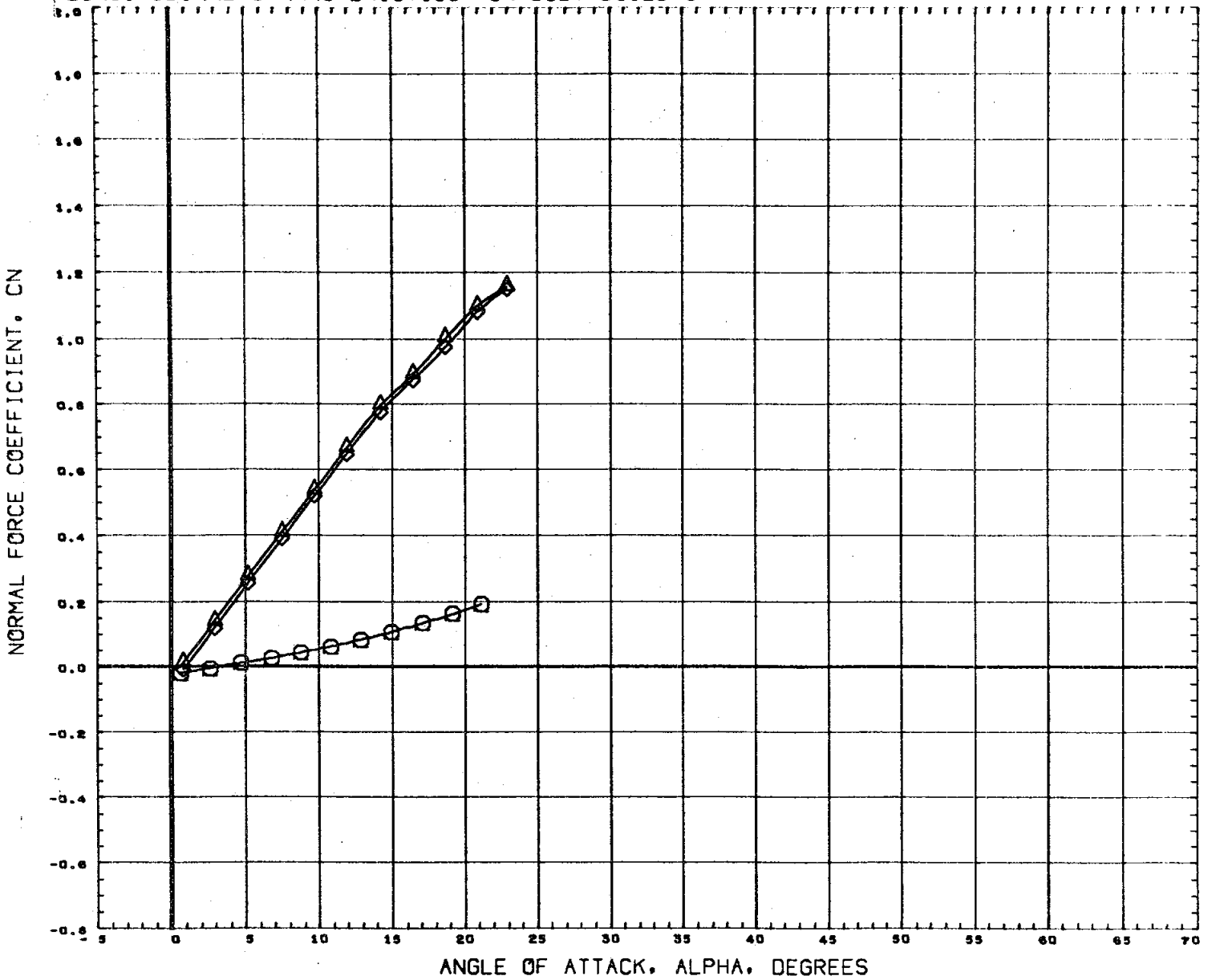
MACH

0.9

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

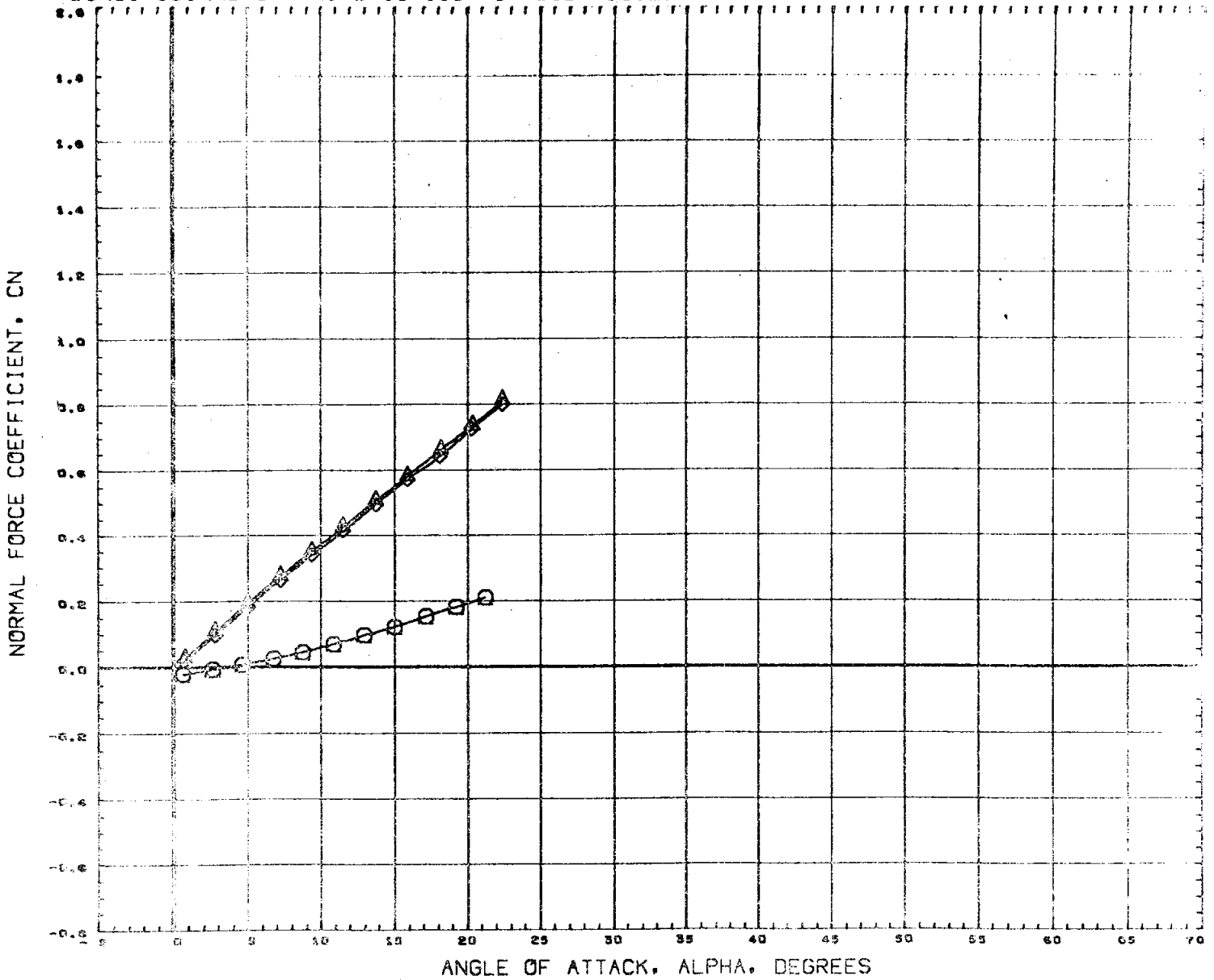


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

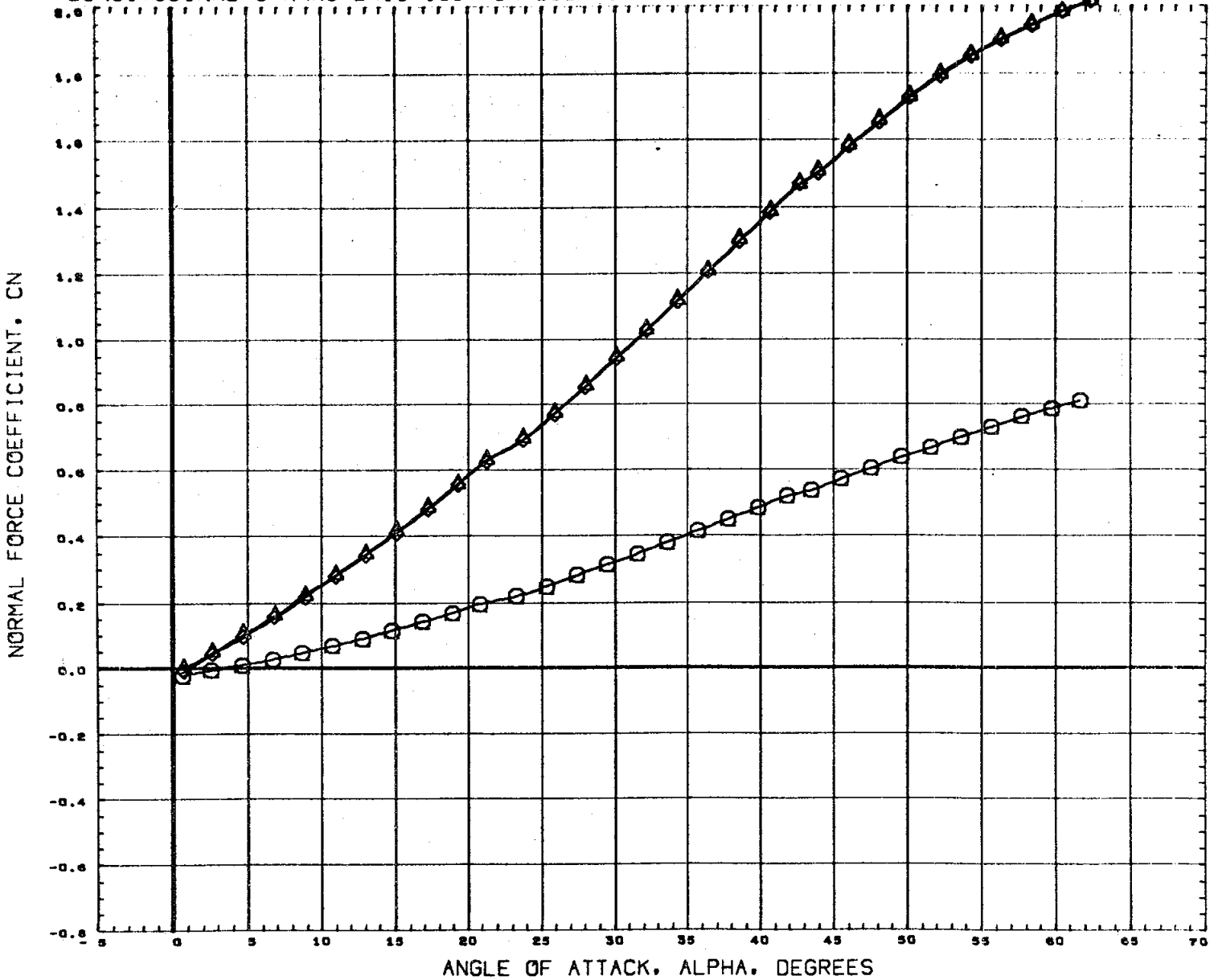


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M3)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M3) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M3) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XXRP	3.4830 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.96



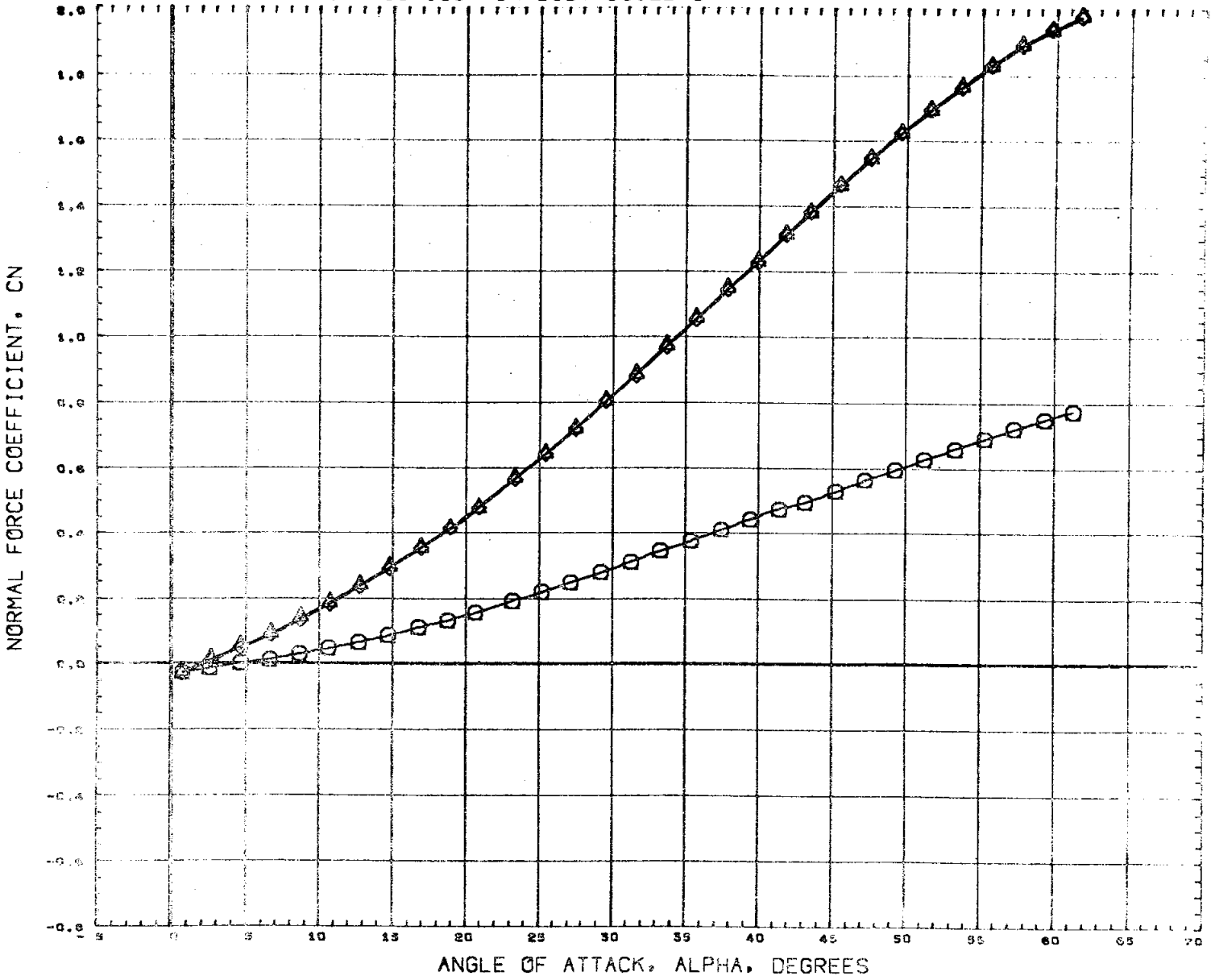
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 2.99

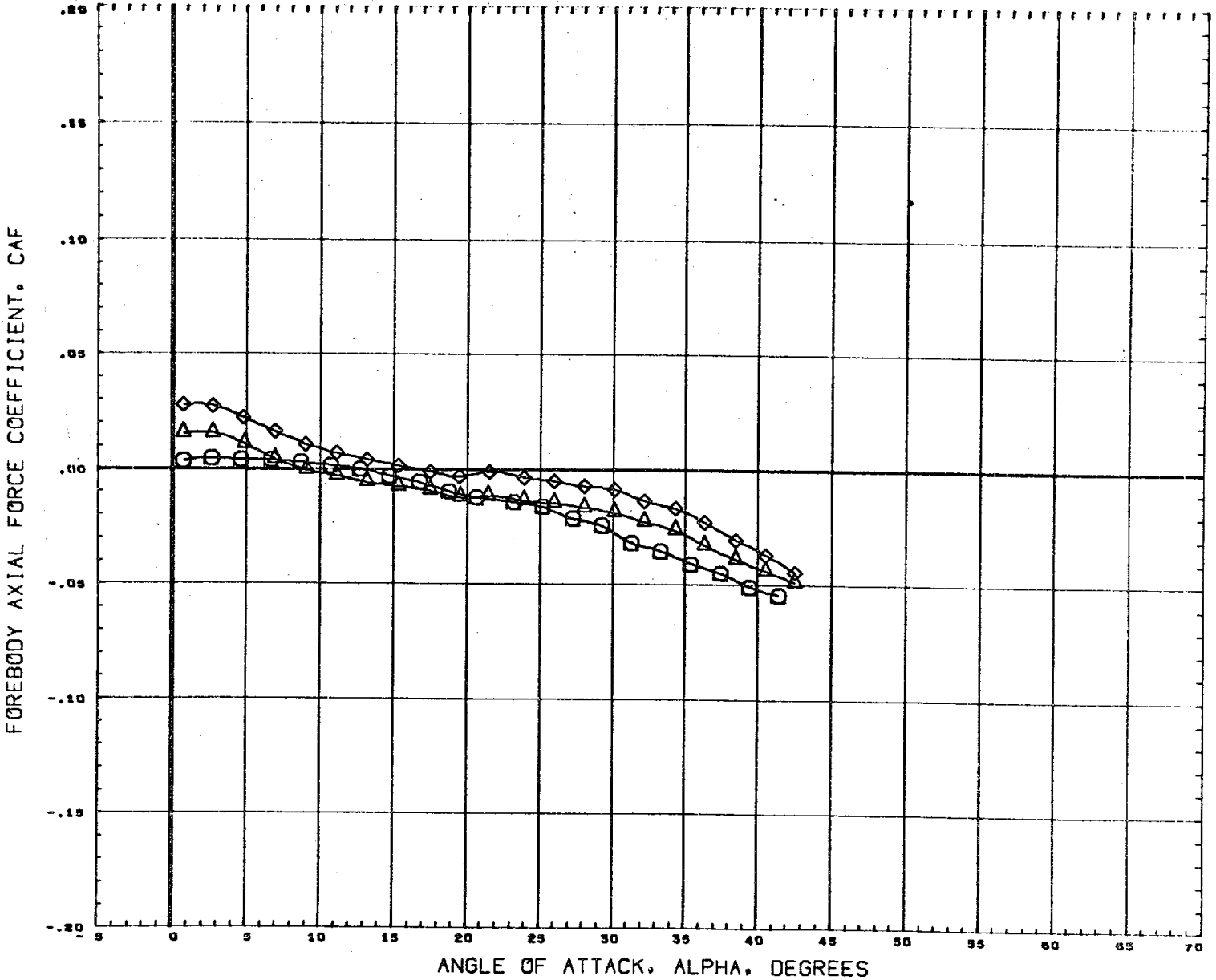
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0360 IN.
			YMRP 3.4530 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 4.96

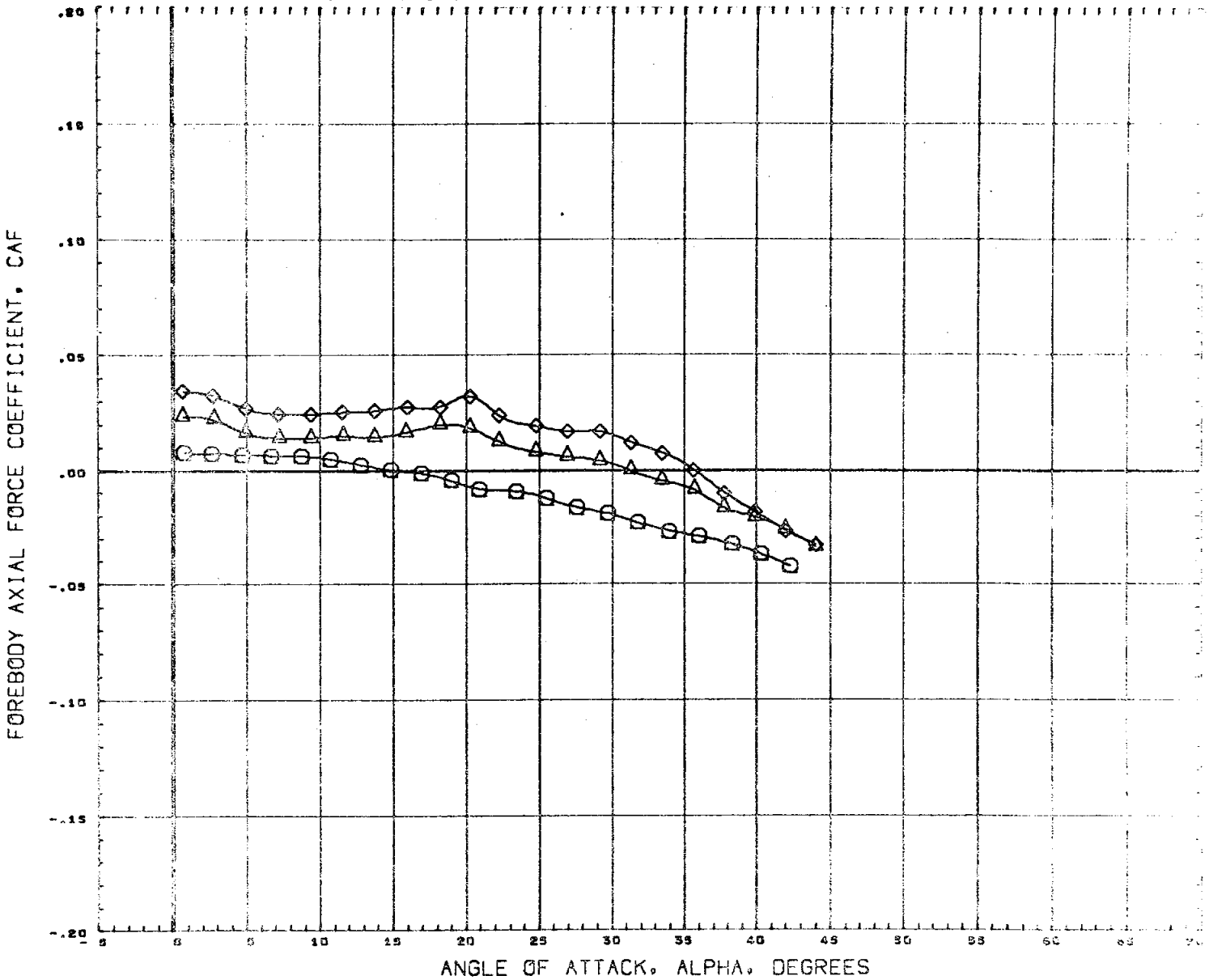
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH .60

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1)	0.000	SKREF 7.4190 60 IN.
(C7620S)	M555 (FAS) NAR ATP ORB (S1C1D1F1M1) (W1E1)	0.000	LKREF 2.1020 1N.
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BRREF 4.0300 2N.
			XMRRP 3.4300 2N.
			YMRRP 0.0000 1N.
			ZMRRP 0.0000 1N.
			SCALE 0.0040

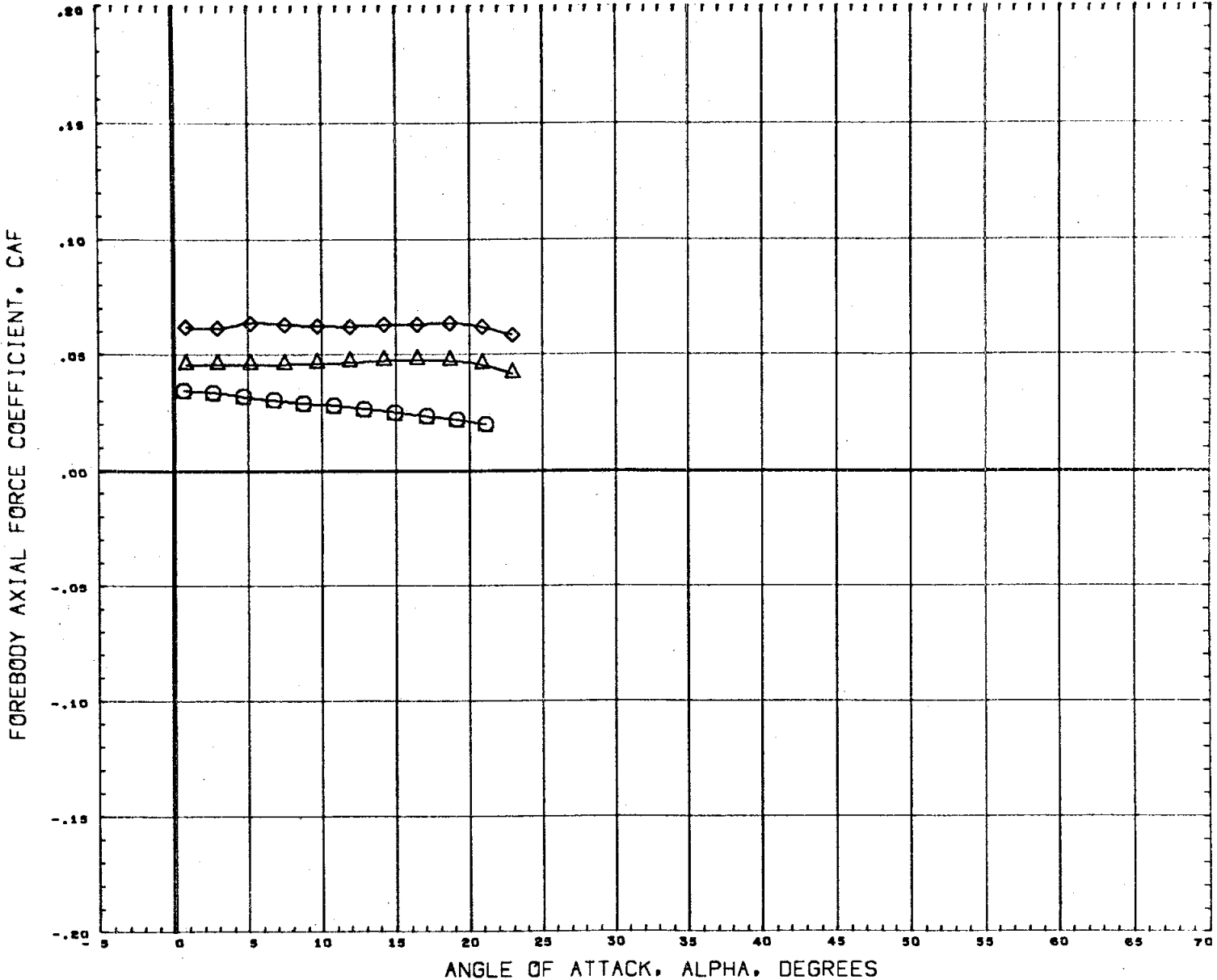
MACH

.91

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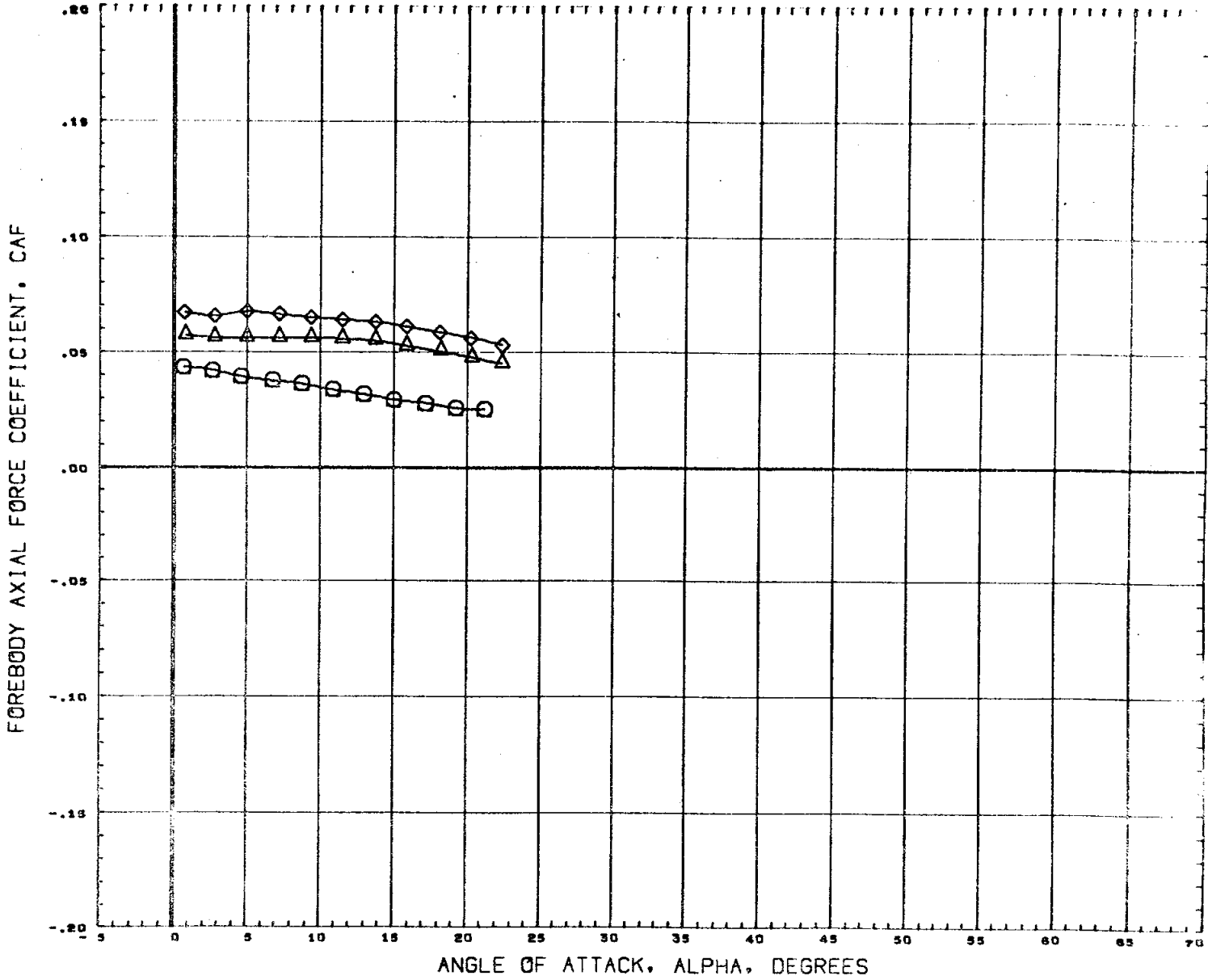
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

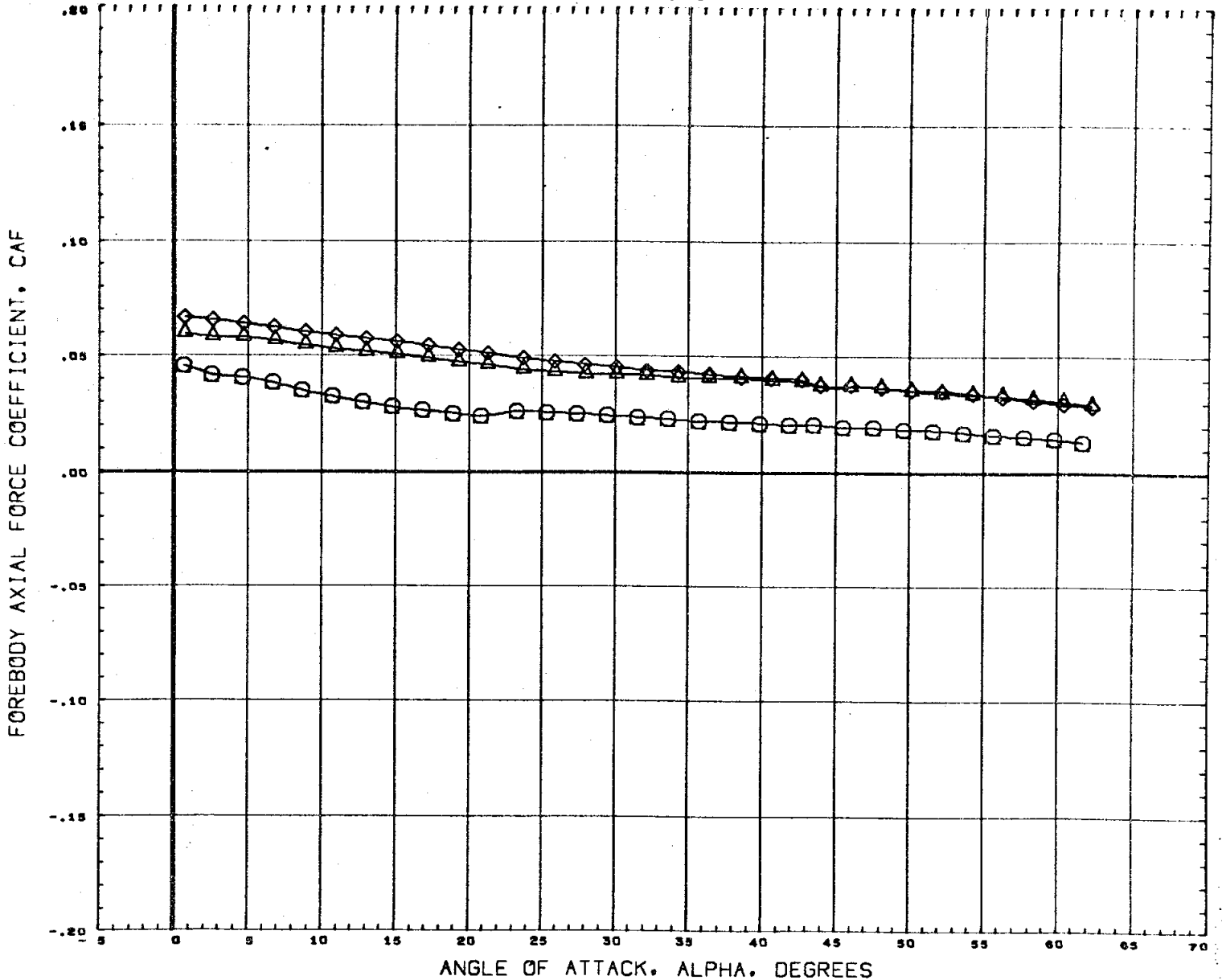
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 1.96

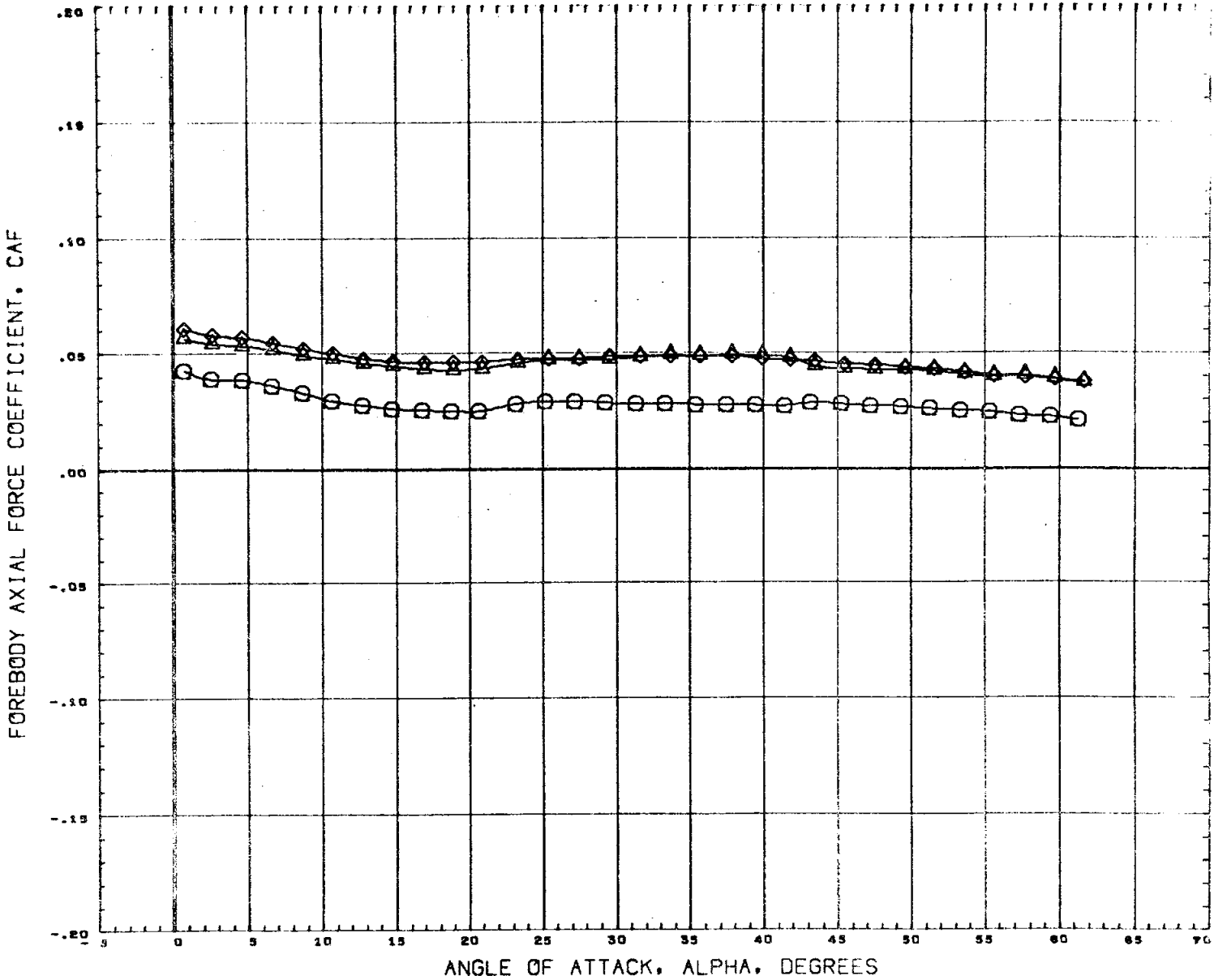
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 2.99

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

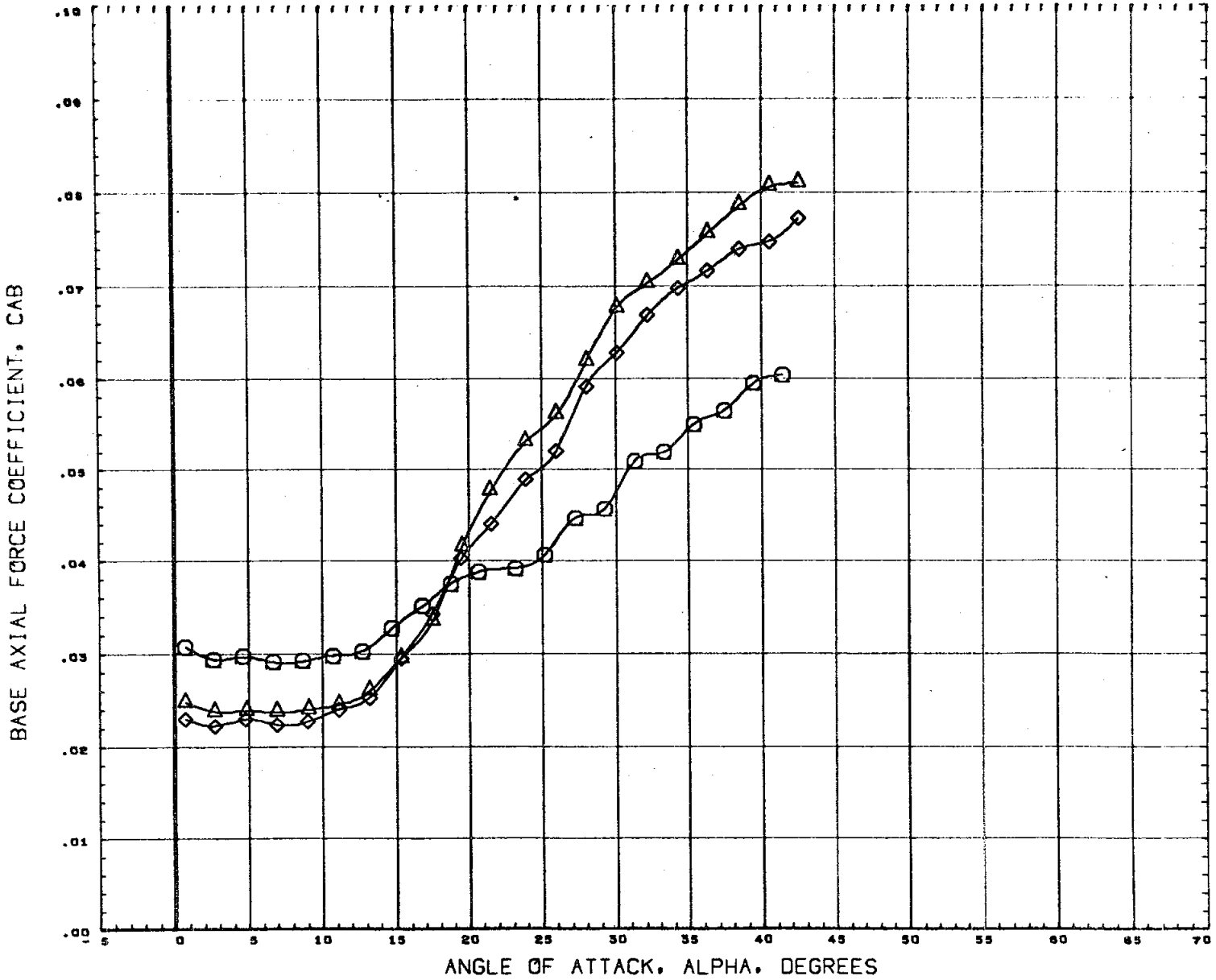


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP OFB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 4.96



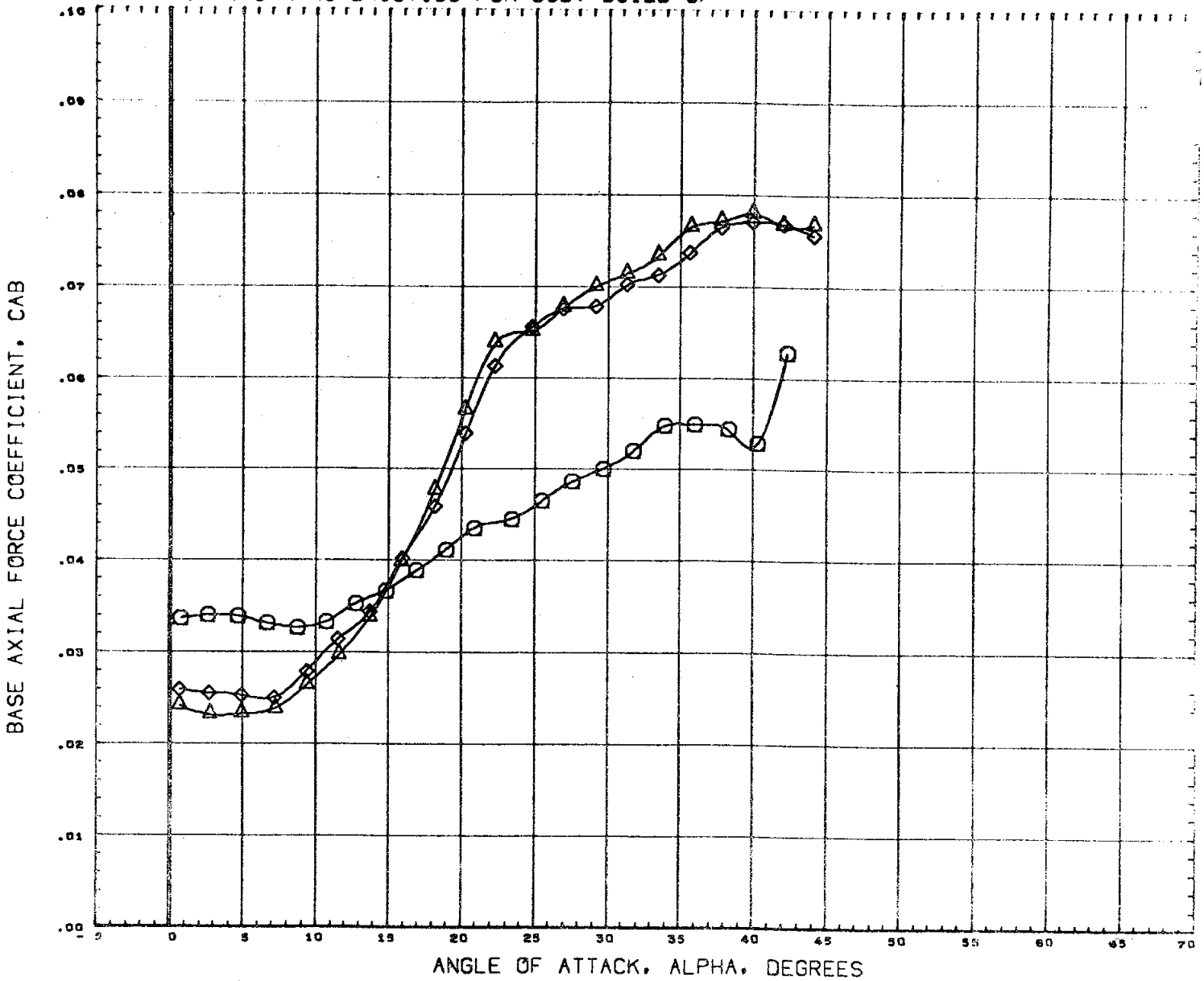
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	SREF	4.0300 IN.
			XMRP	3.4330 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH .60

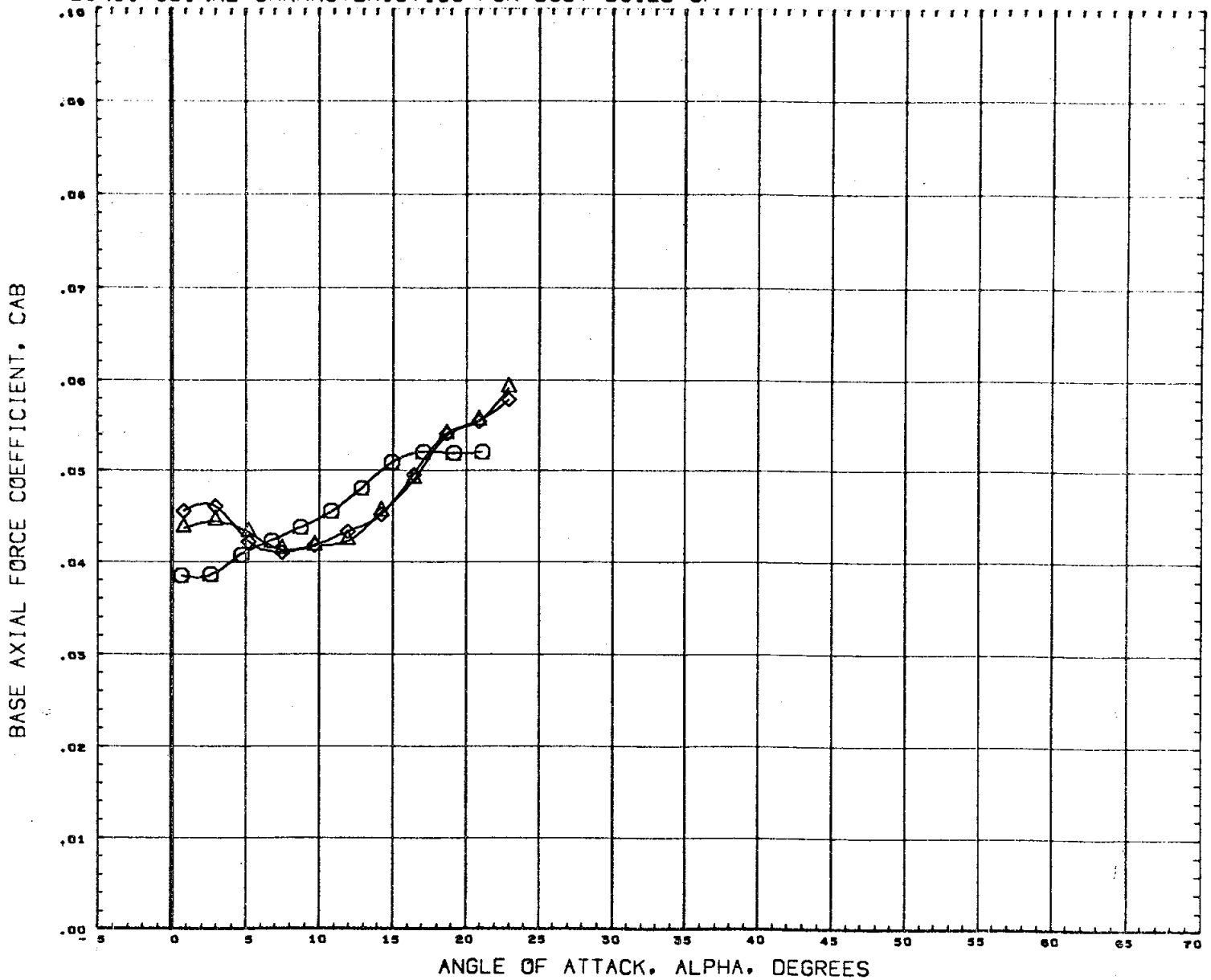
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH .91

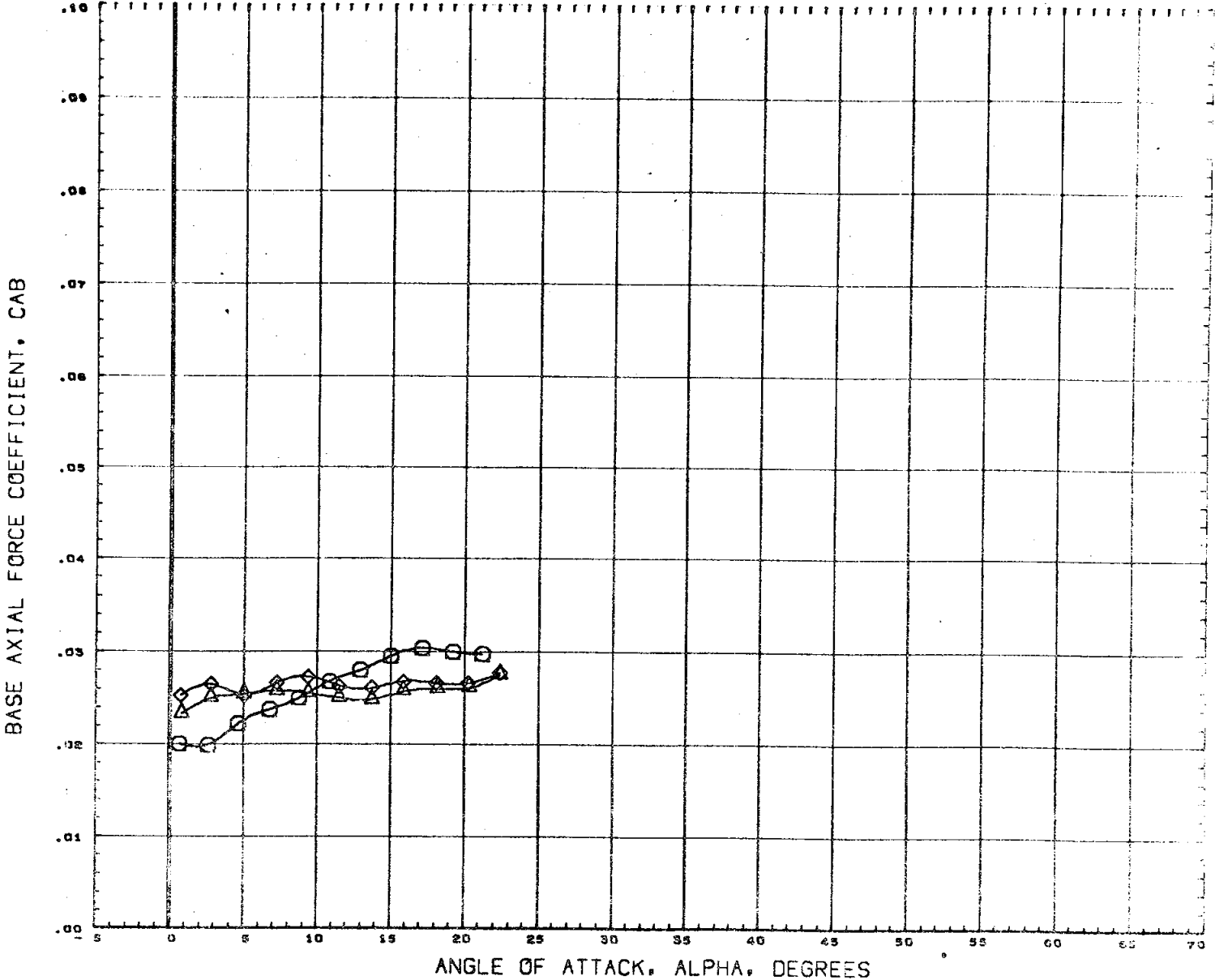
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

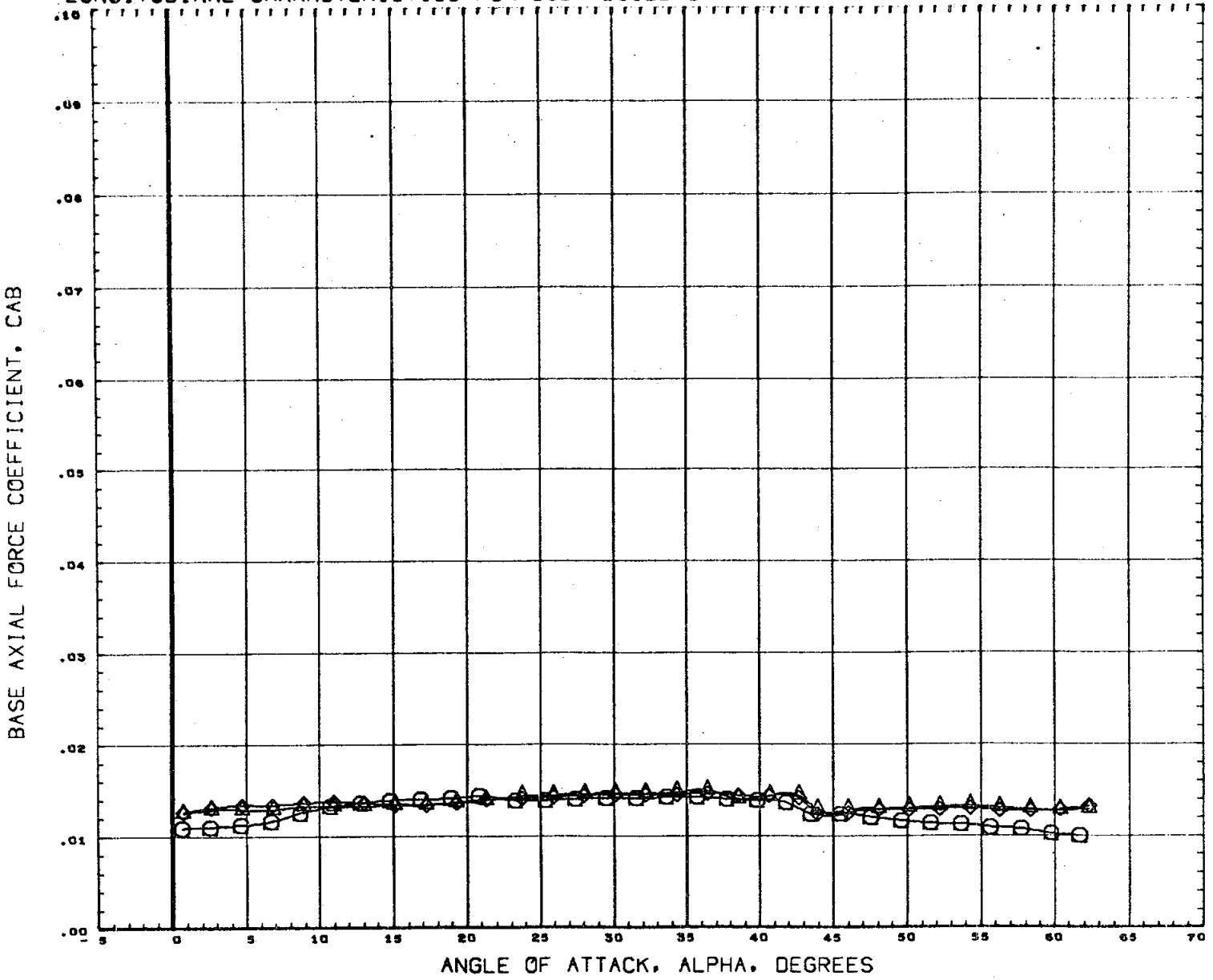
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1026 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			YMRP 3.4530 IN.
			ZMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0046

MACH 1.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

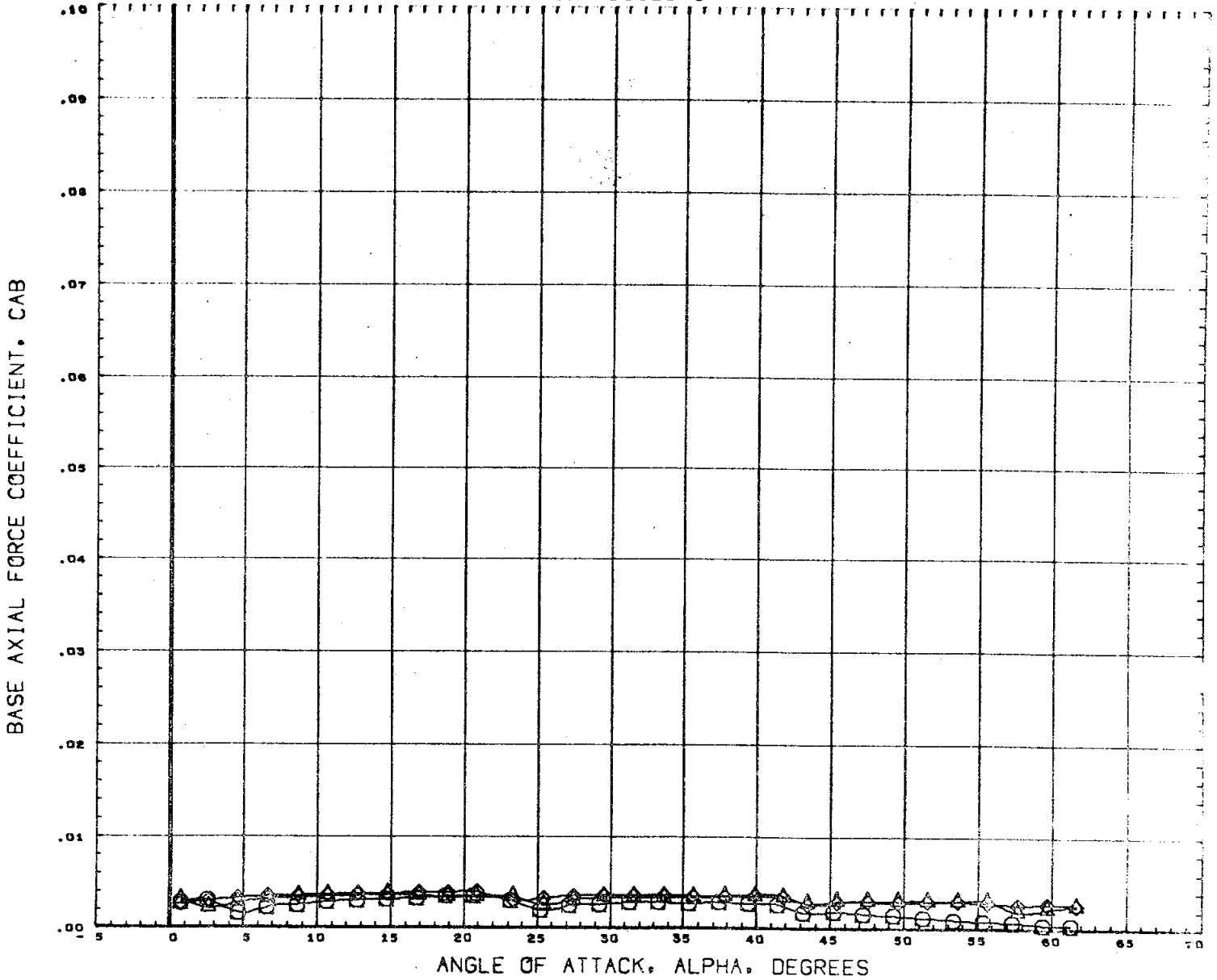


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 2.99

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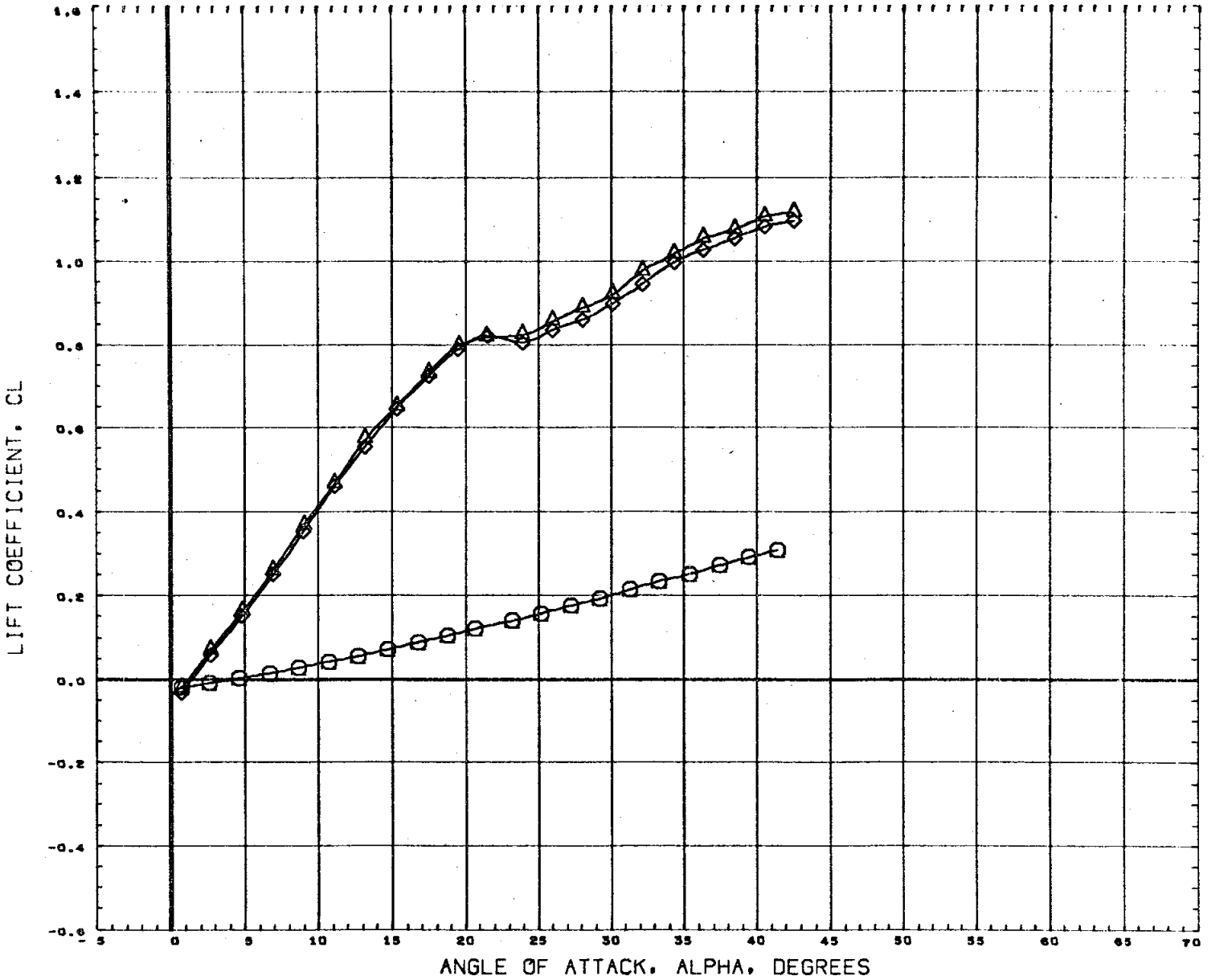
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 38 IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREP	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 4.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



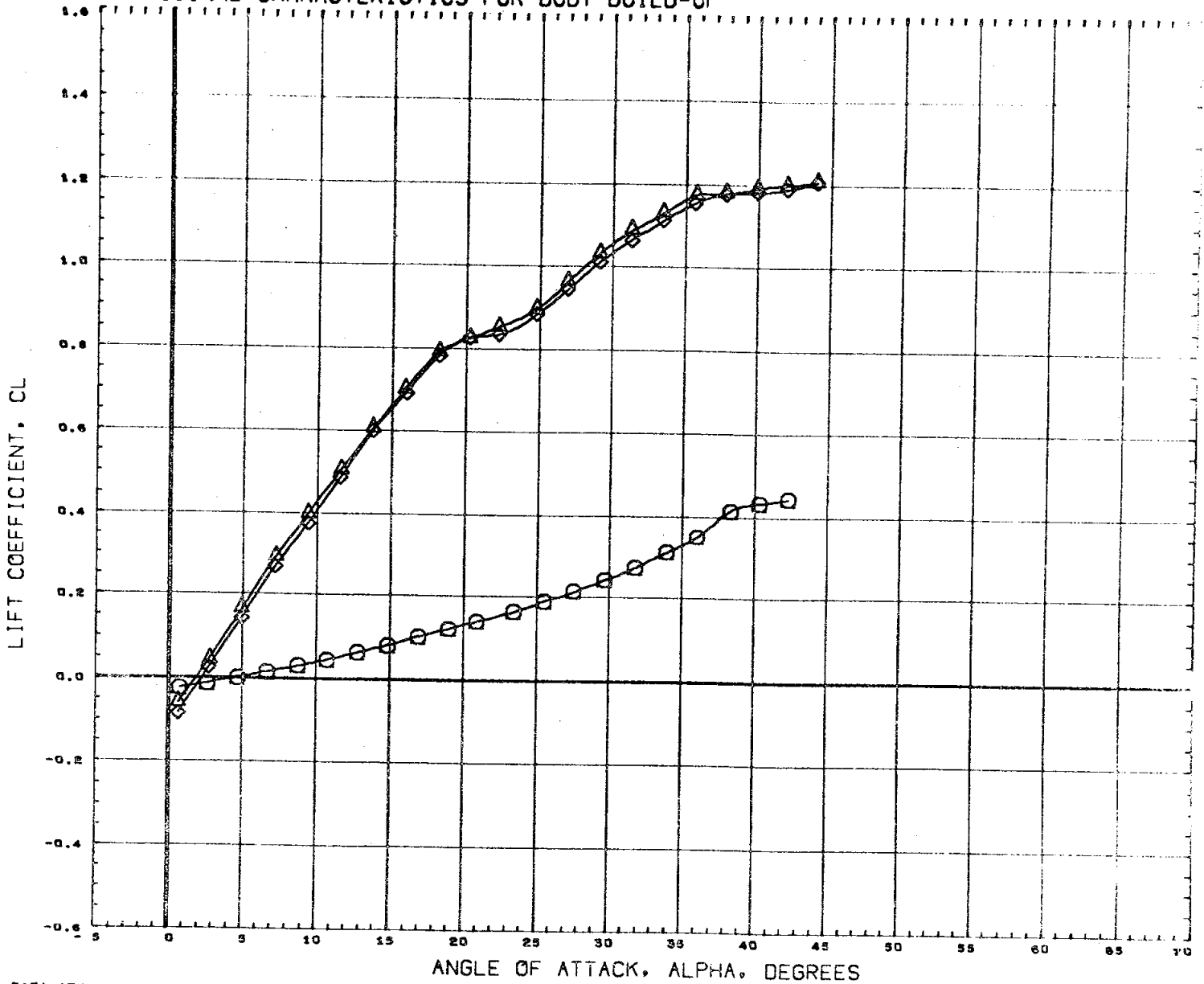
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SG. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .60

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

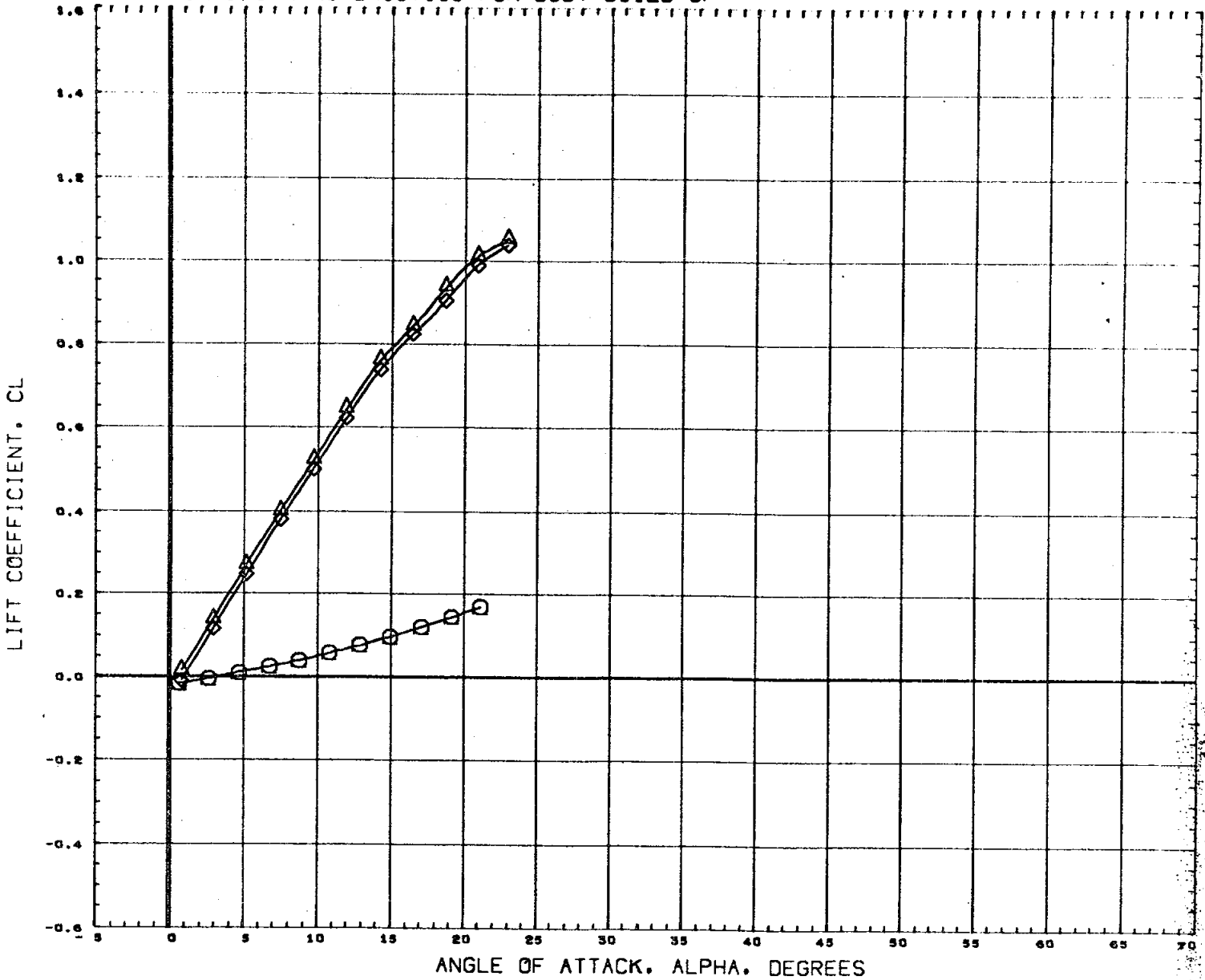


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH .91



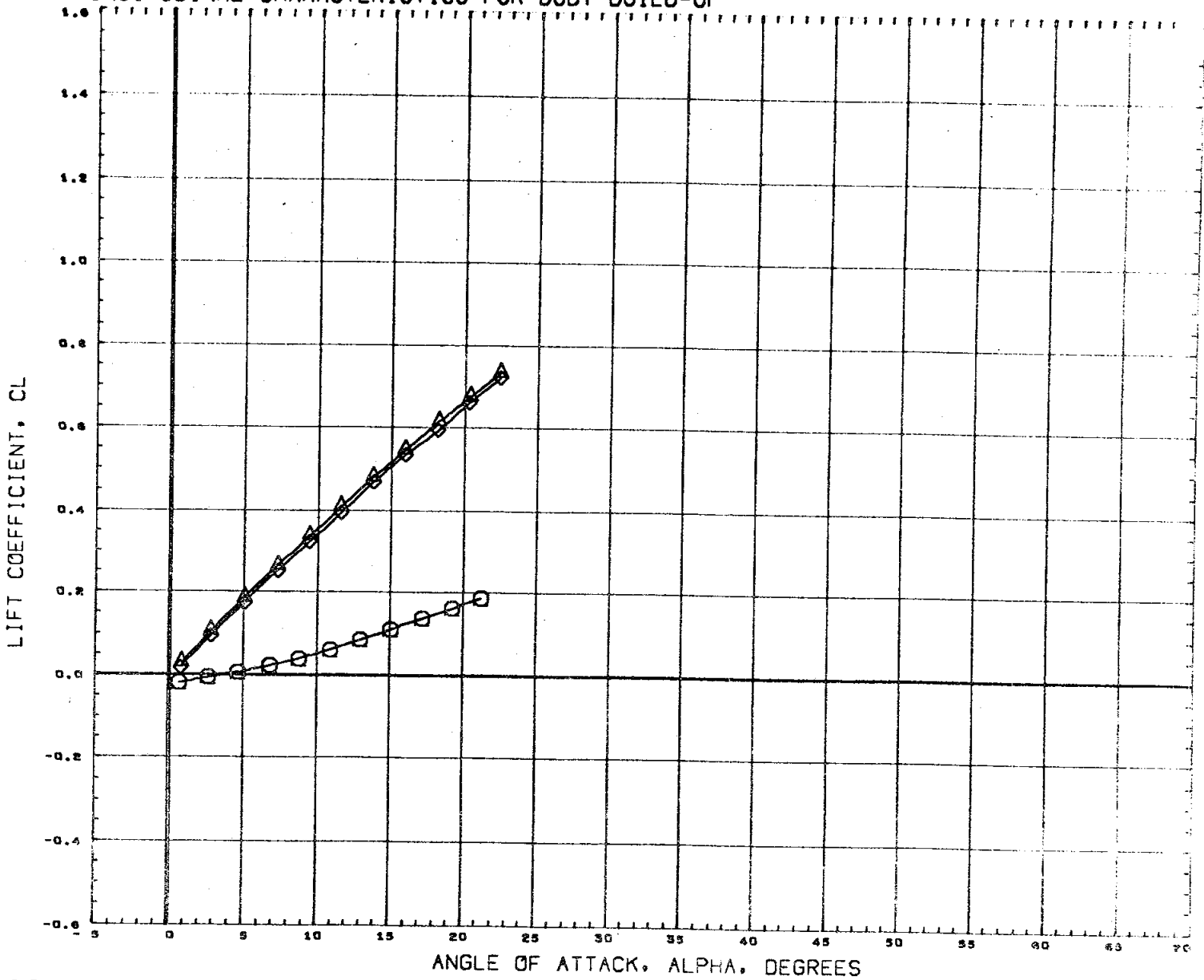
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4330 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 1.20

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

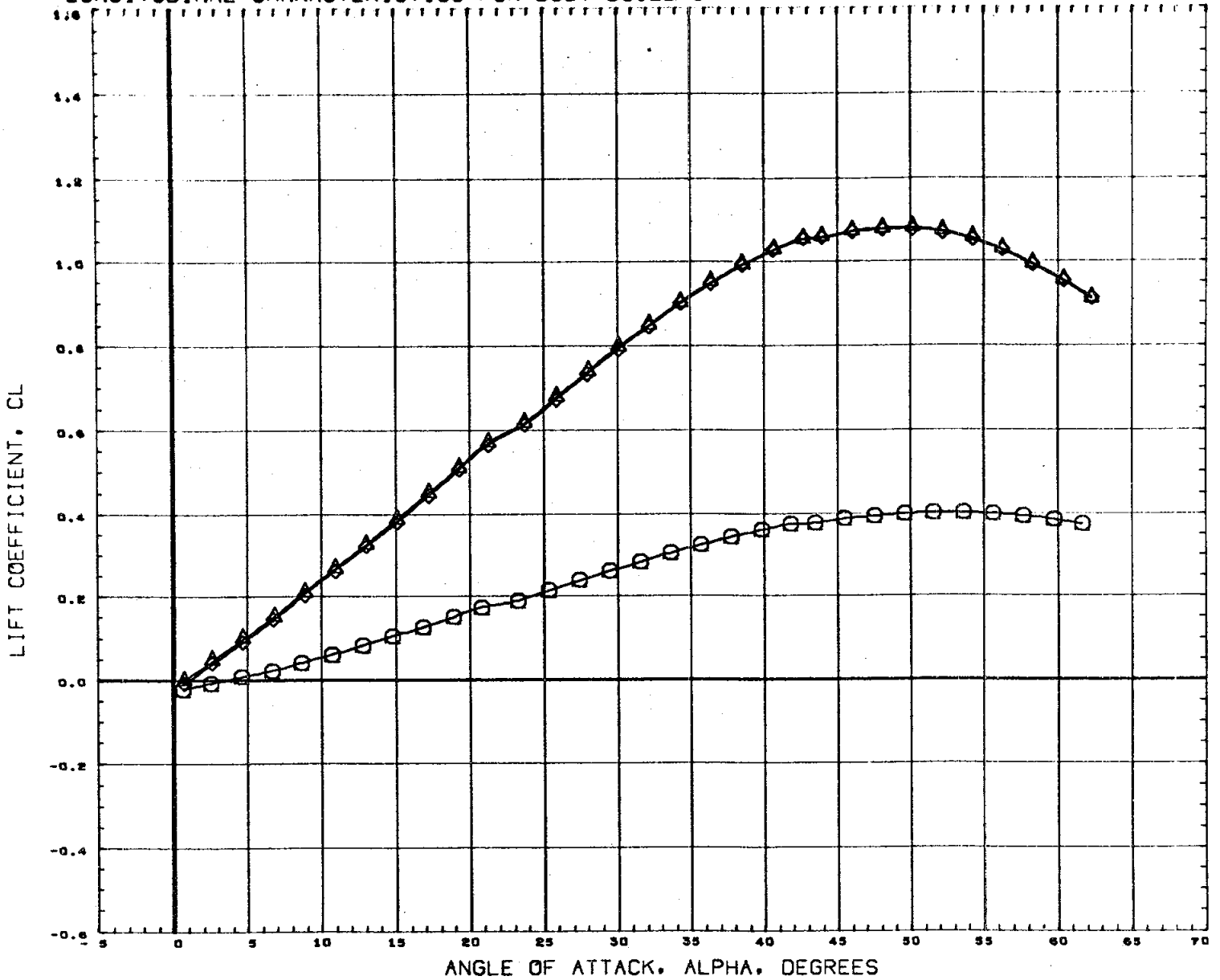


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	CG, IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

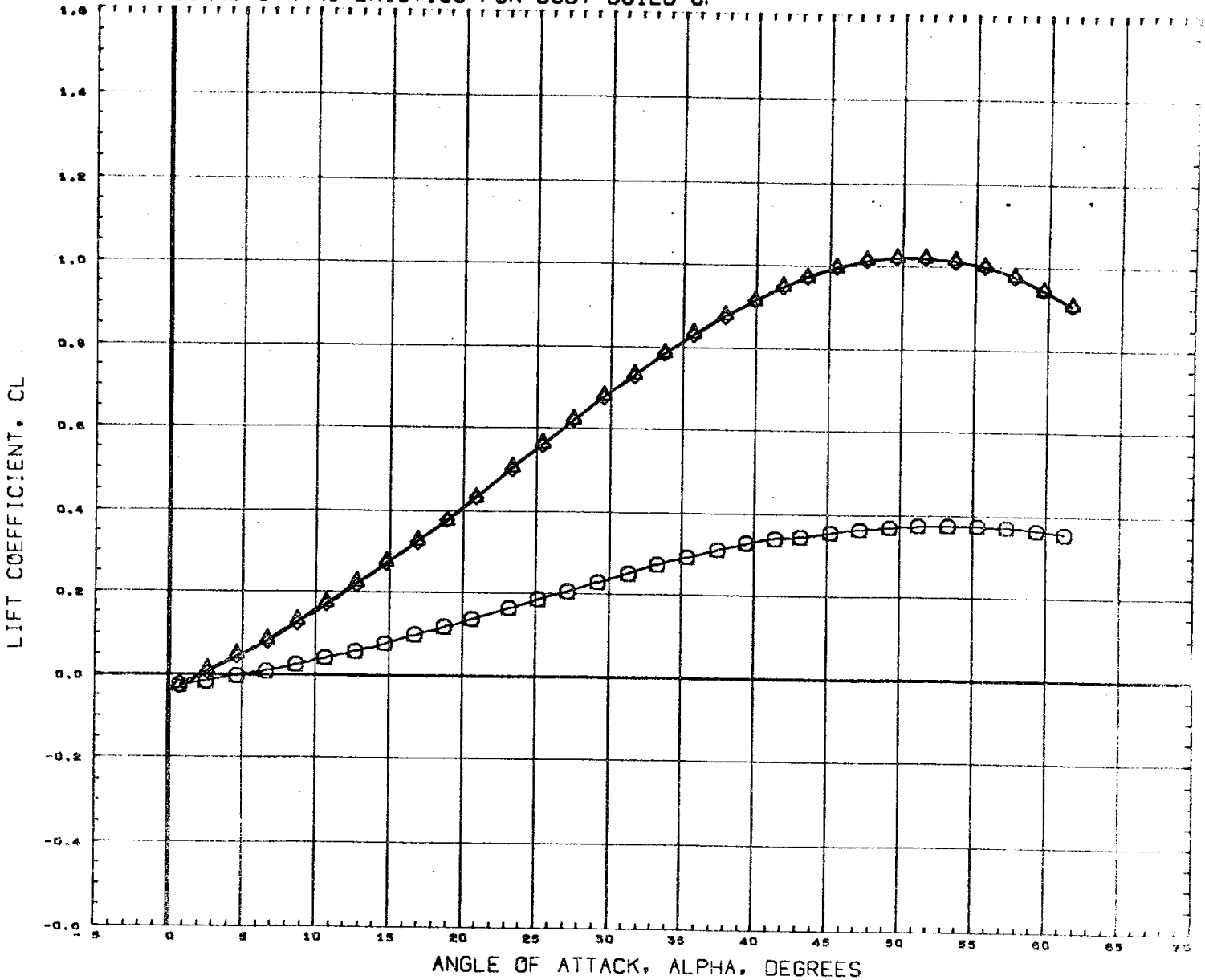


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 2.99

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

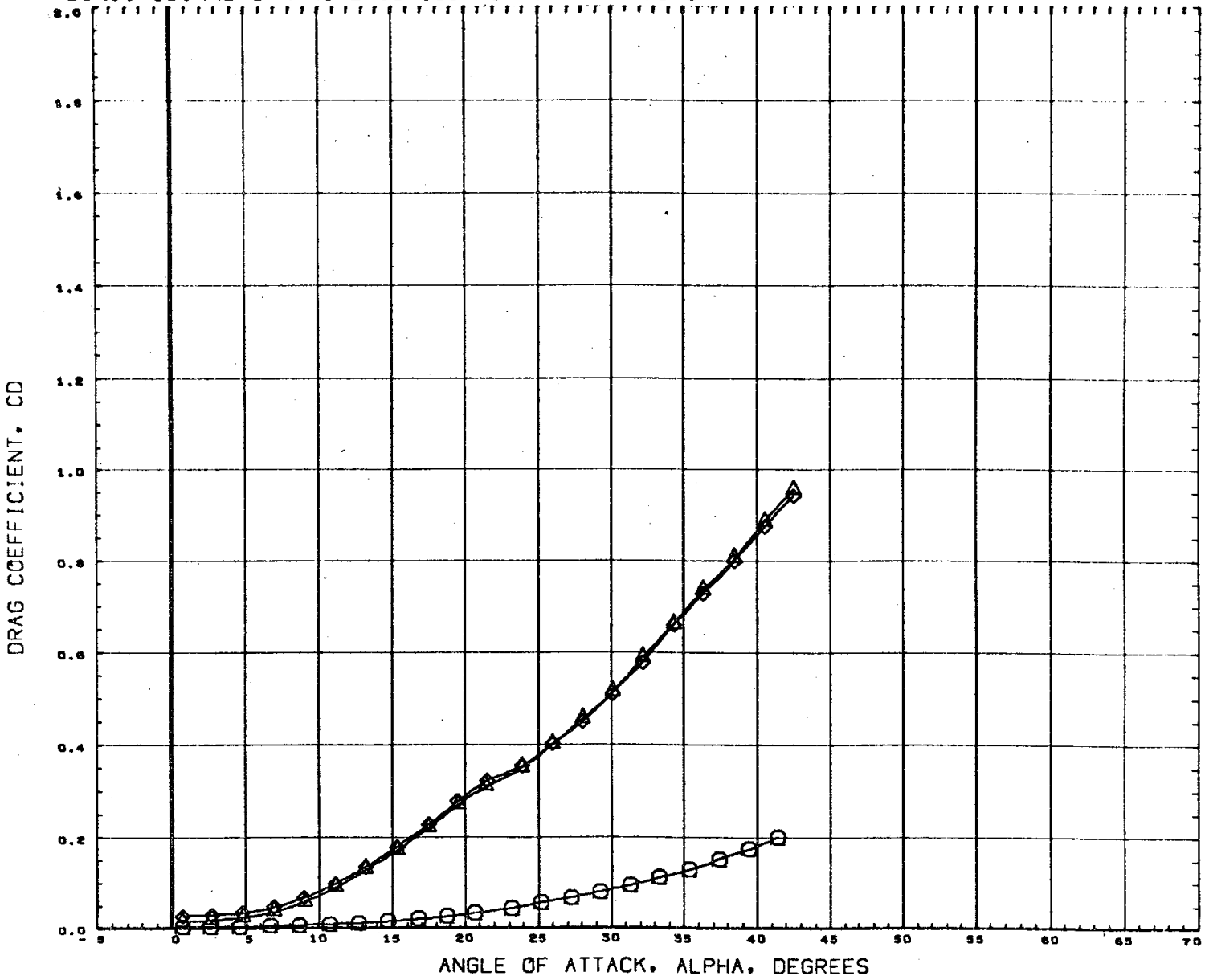


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	90 IN.
LREF	2.1026	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 4.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

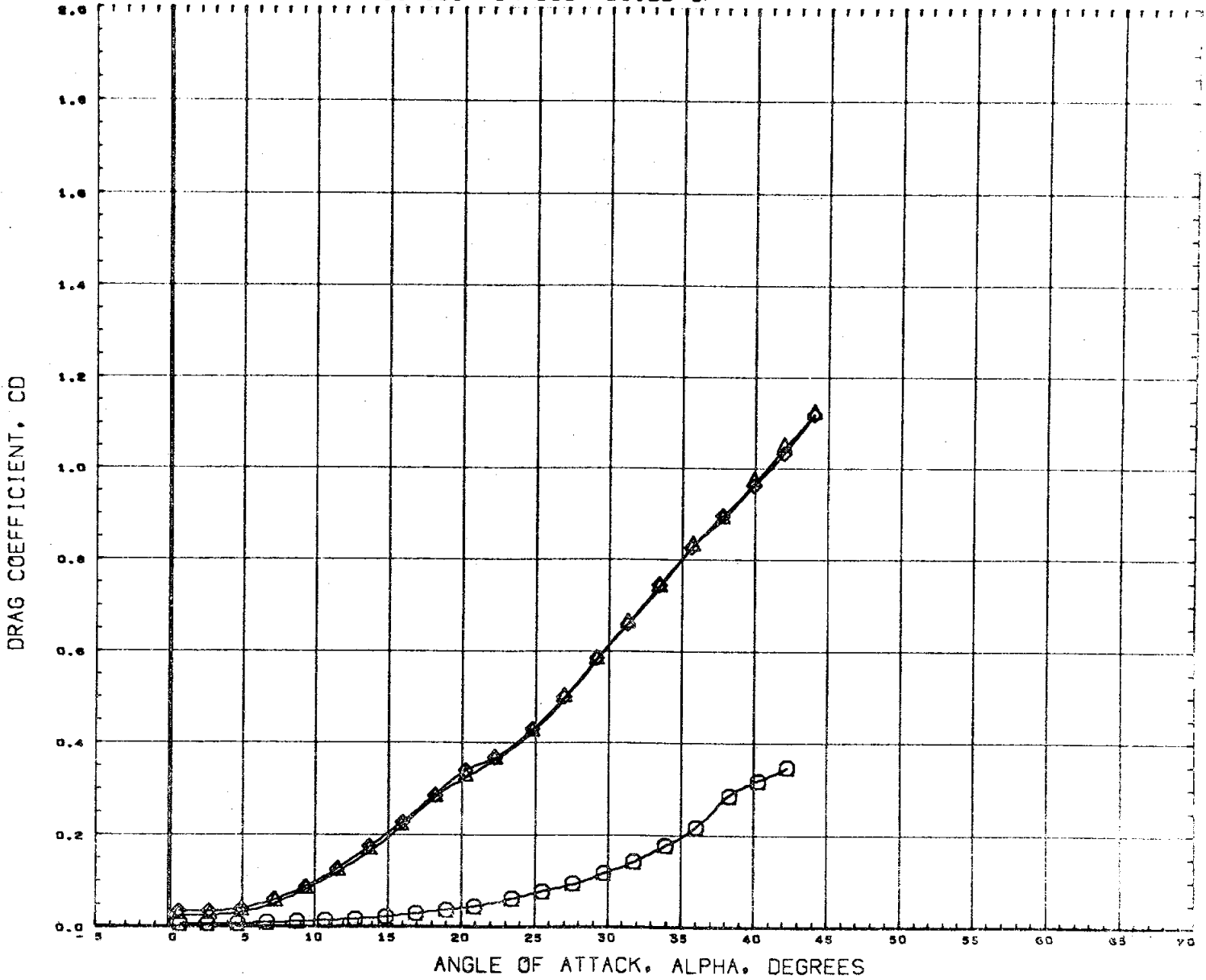


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4330 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH .60

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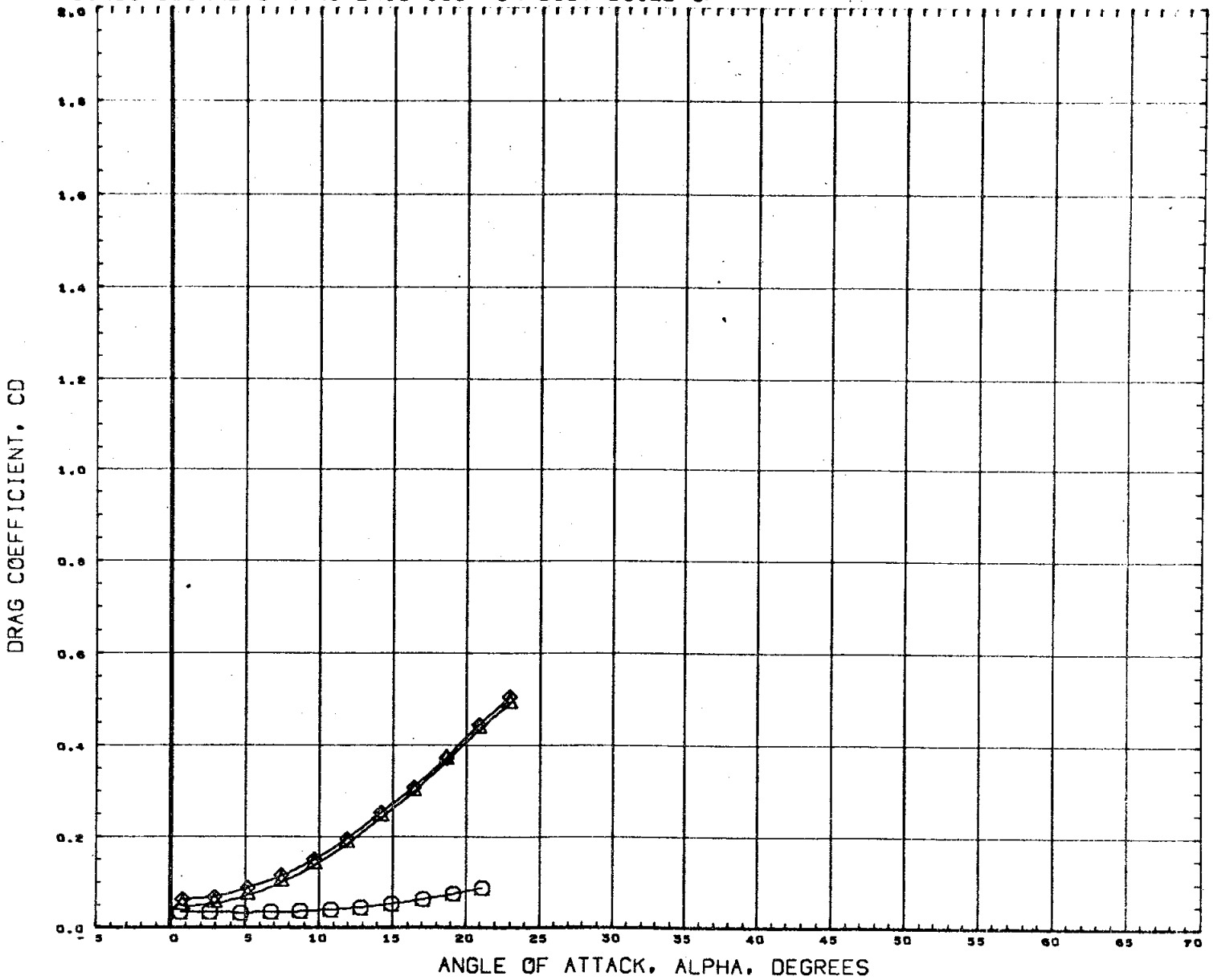
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH .91

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



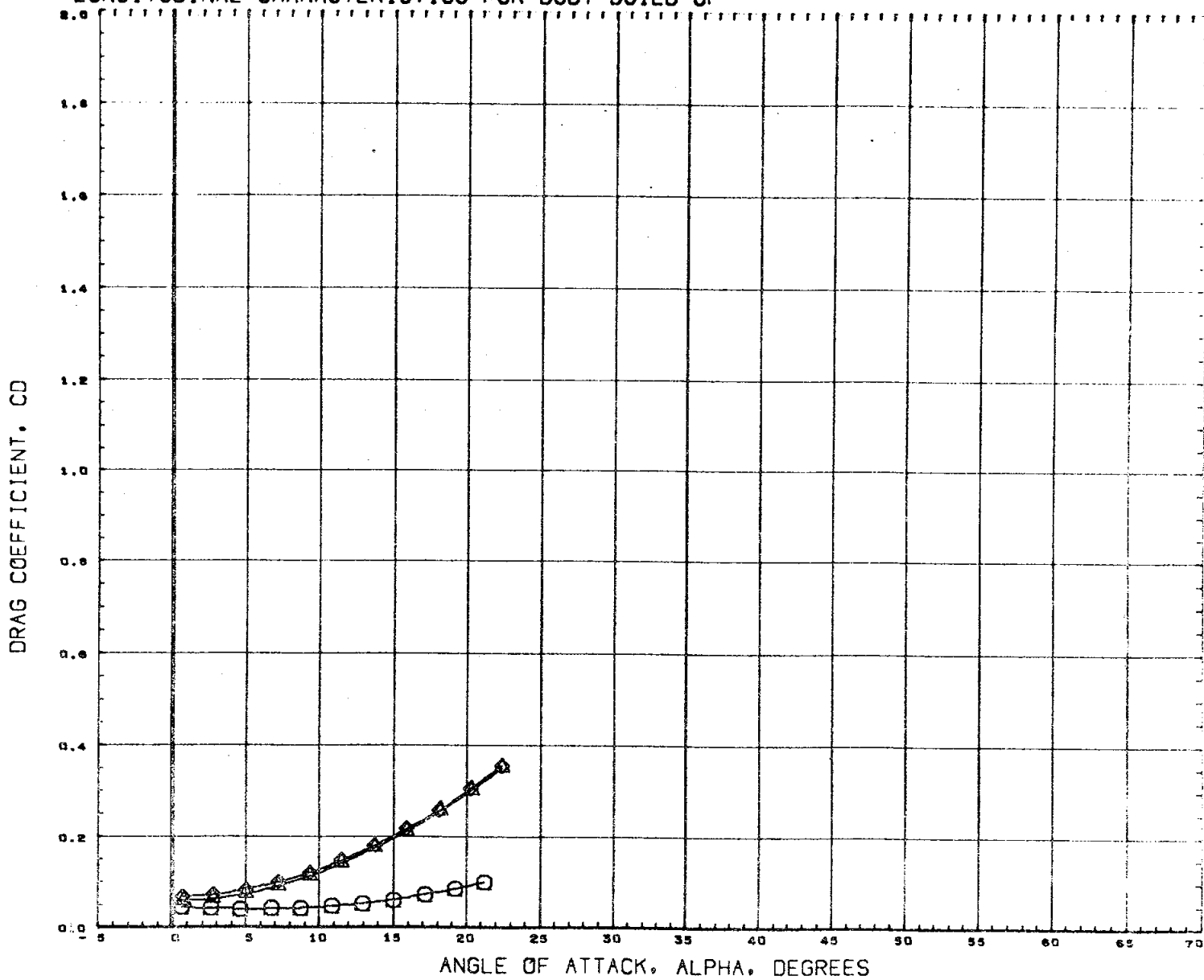
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



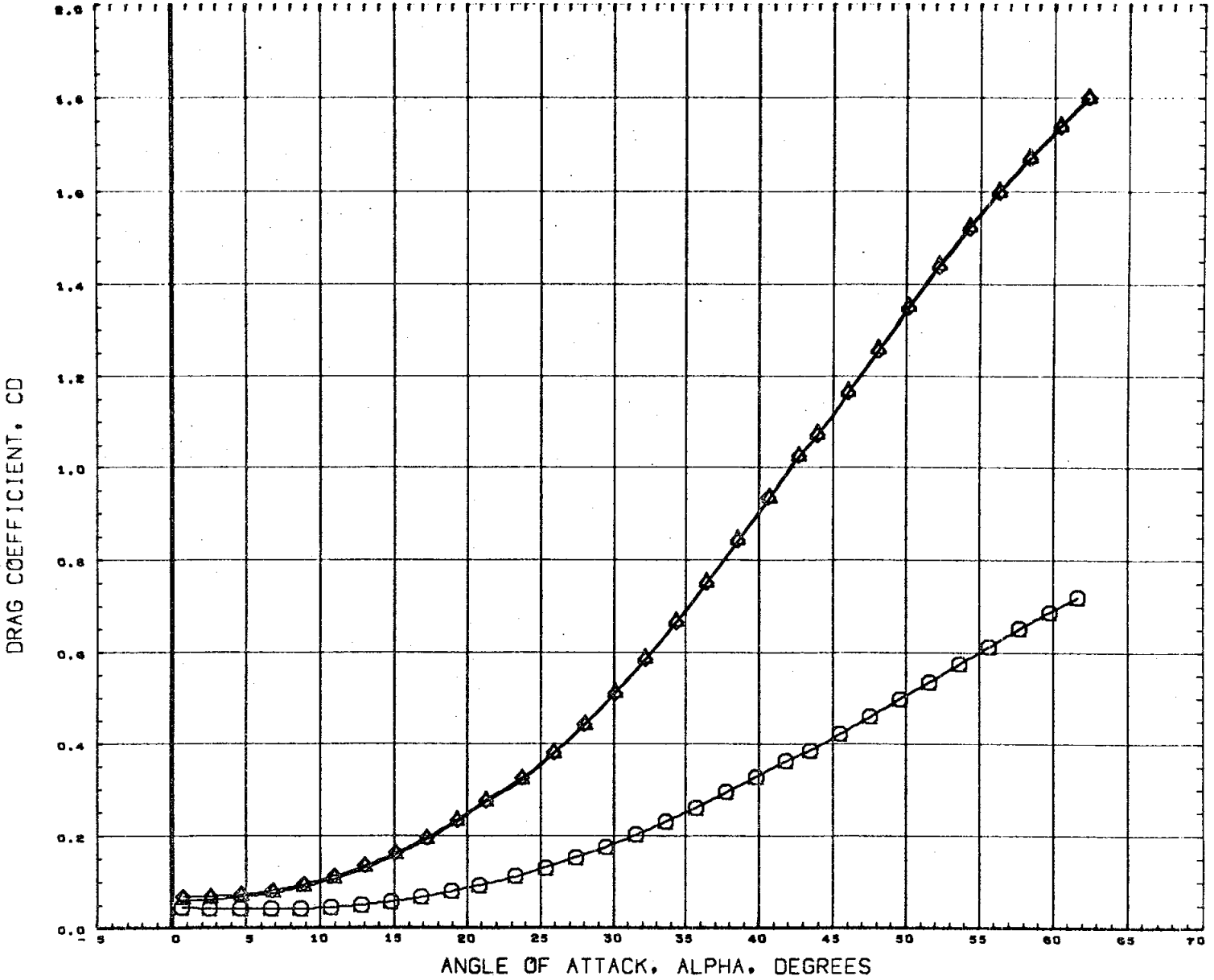
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.96



# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

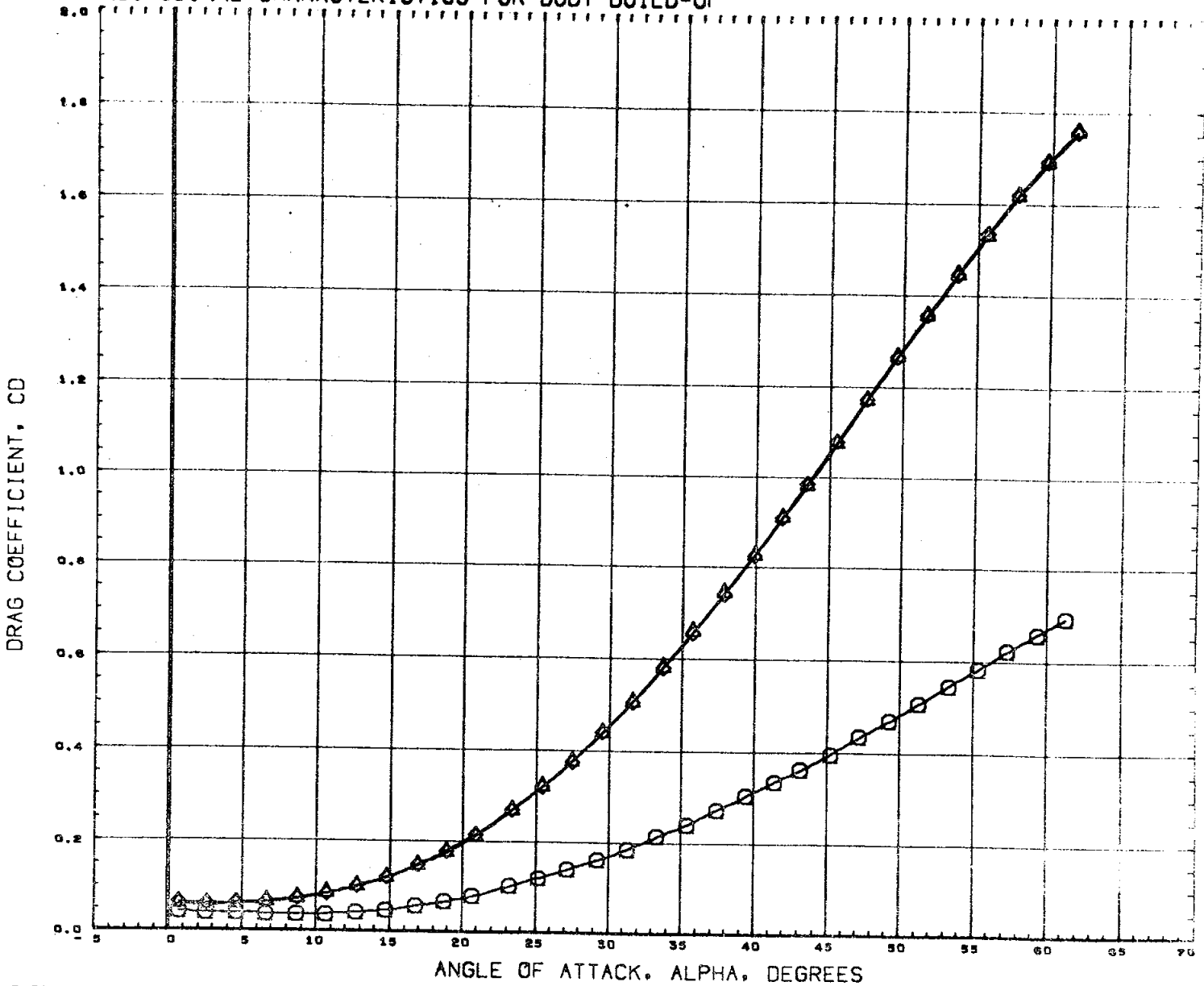


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4930 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 2.99

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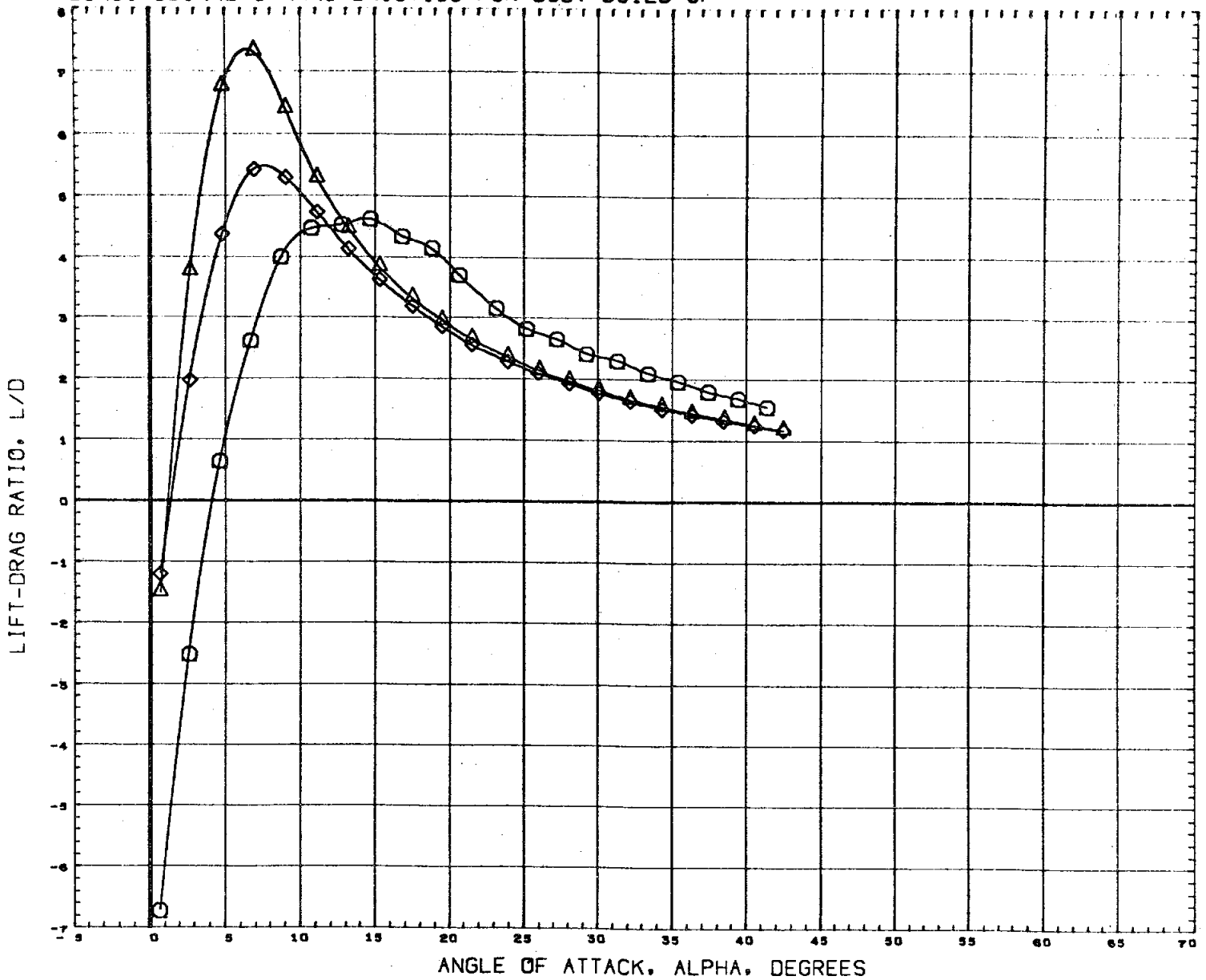
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555(FAS) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 4.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

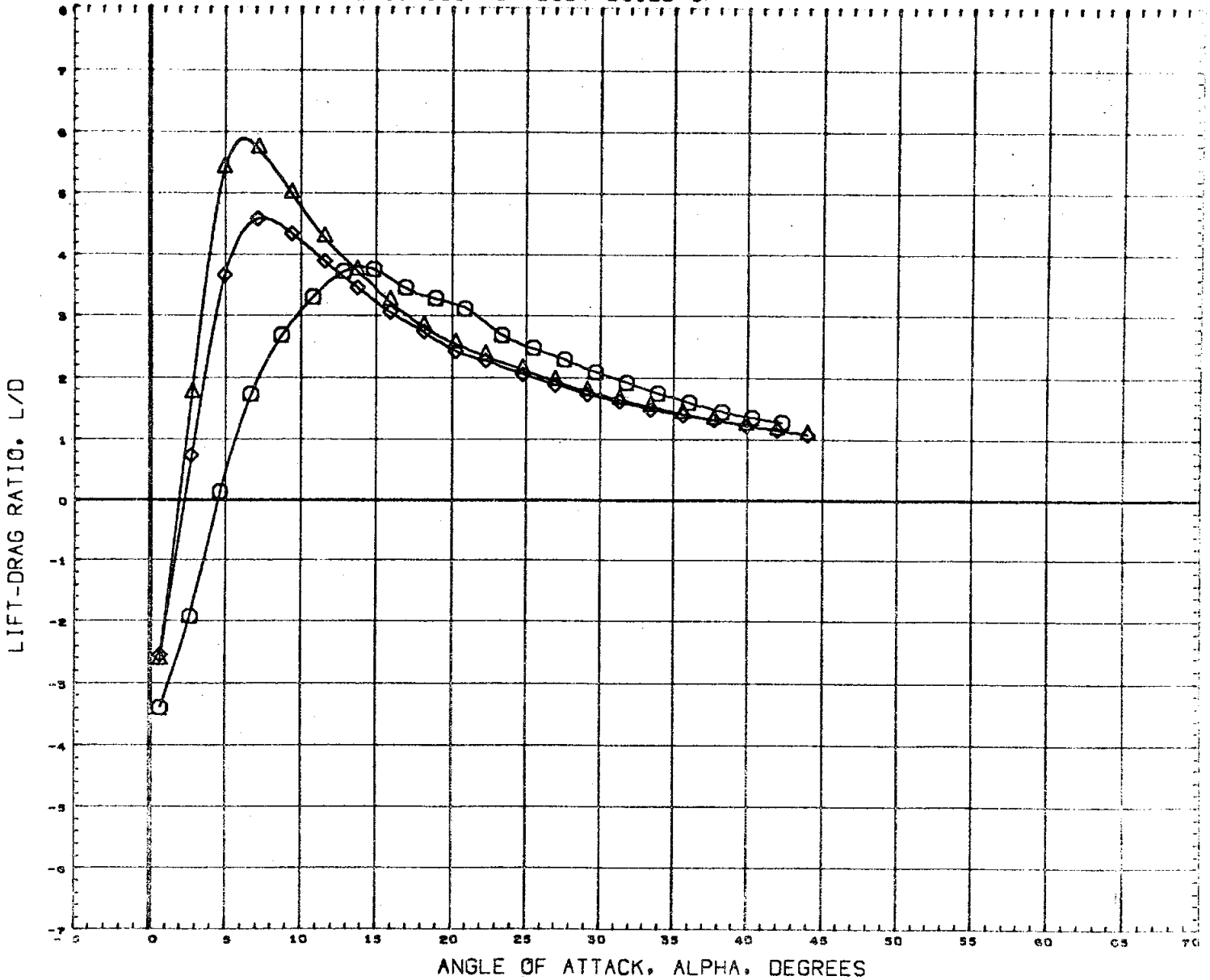


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	sq. in.
LREF	2.1020	in.
BREF	4.0300	in.
XMRP	3.4530	in.
YMRP	0.0000	in.
ZMRP	0.0000	in.
SCALE	0.0040	

MACH .60

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

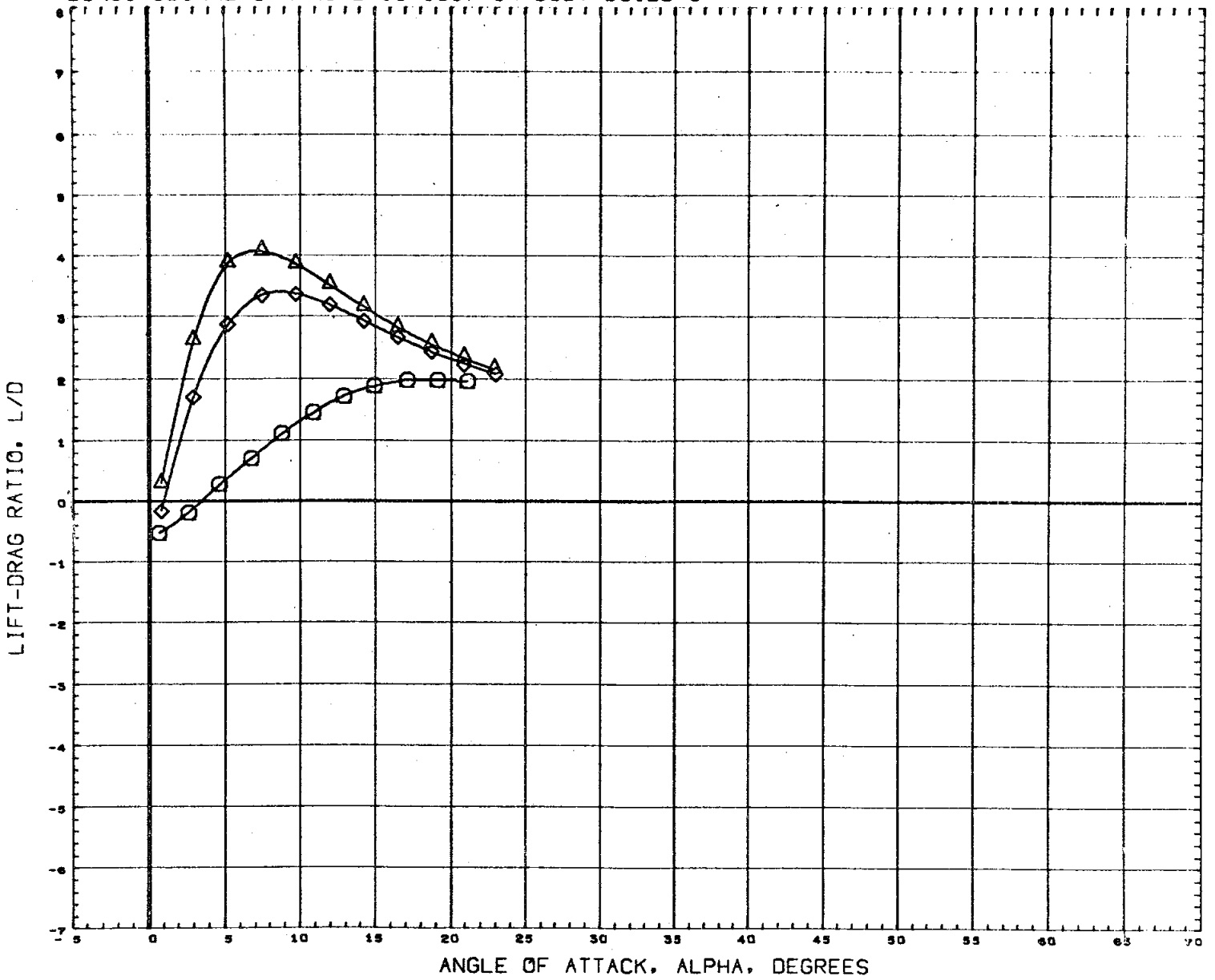


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .91

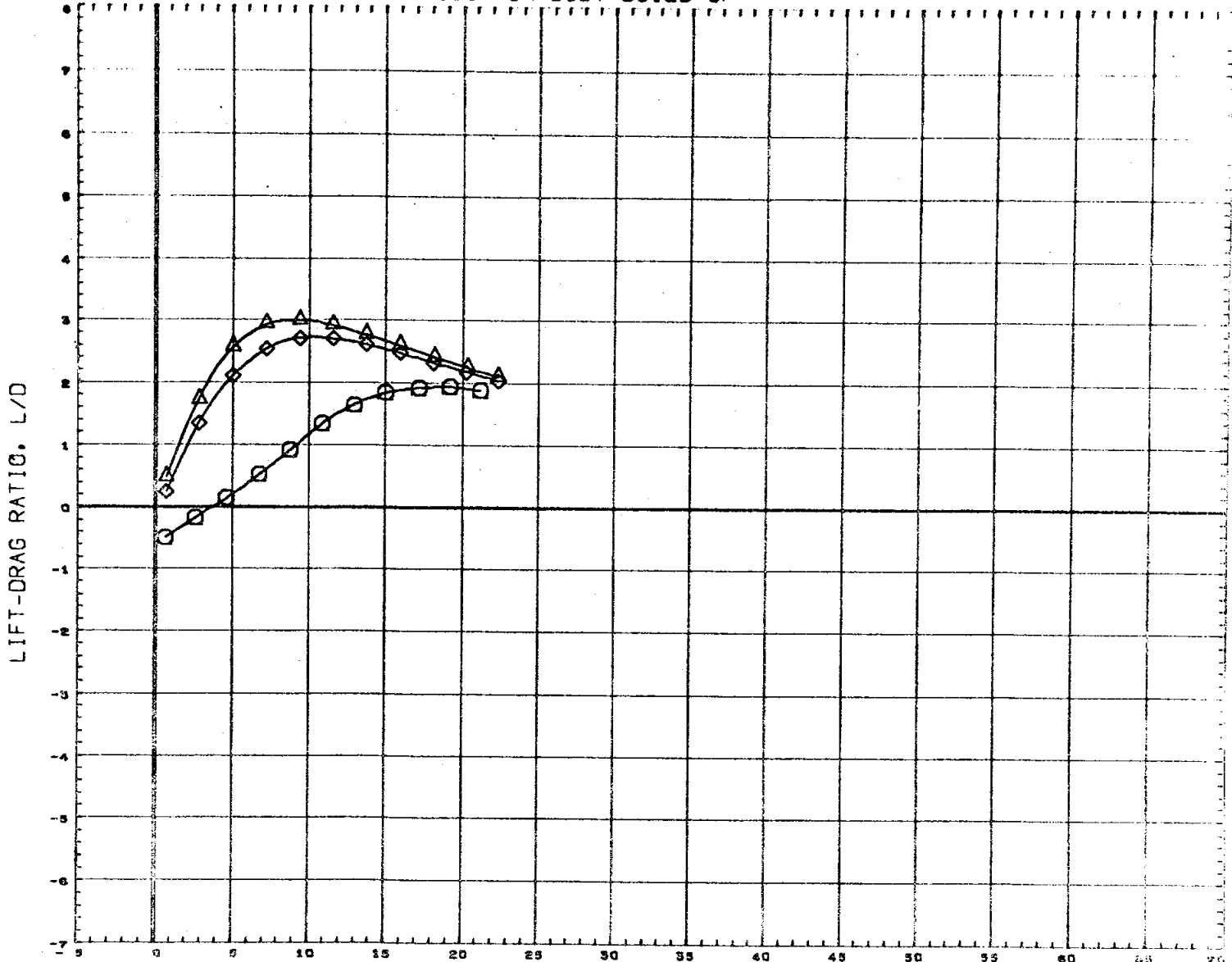
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 50. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

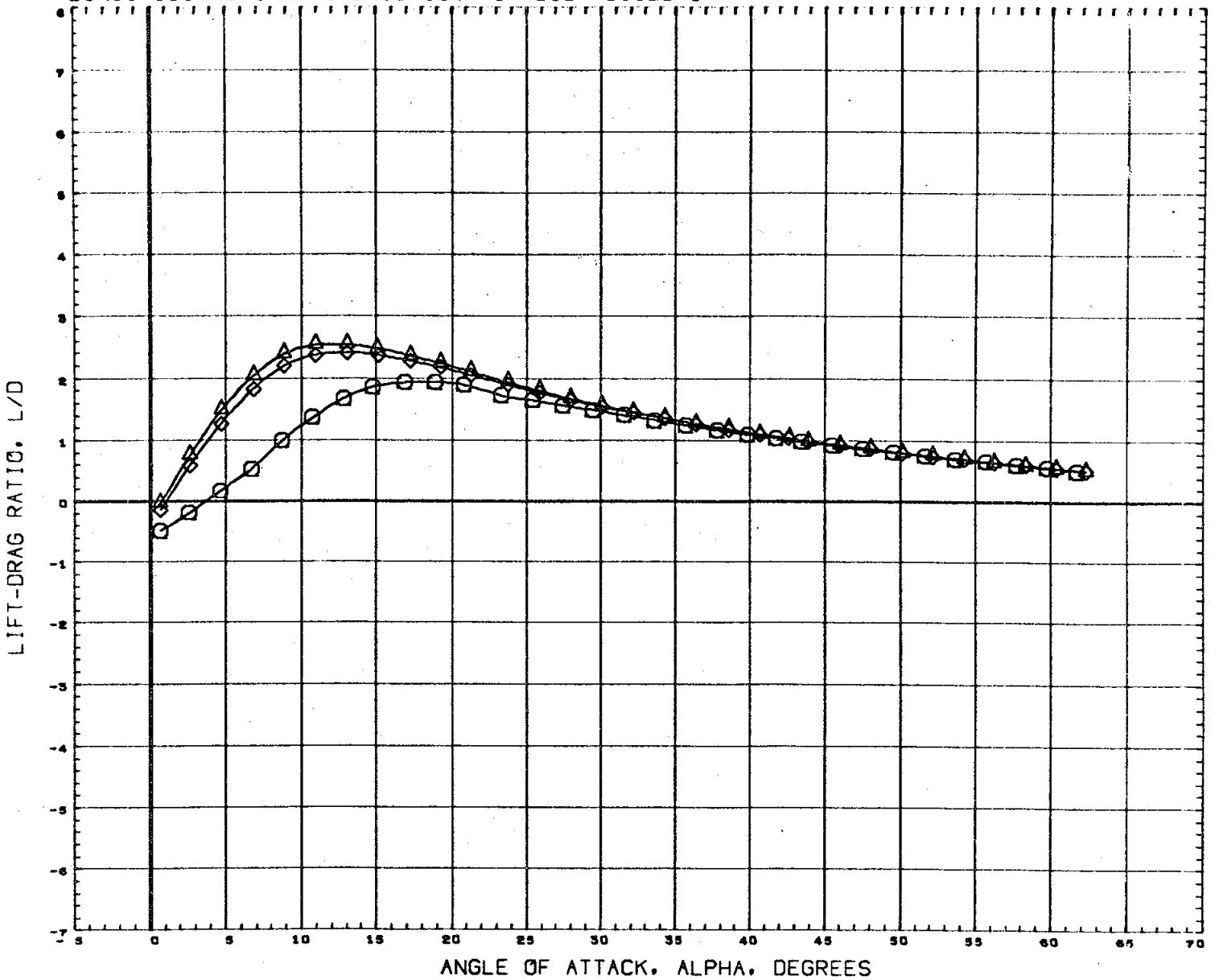


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0500 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

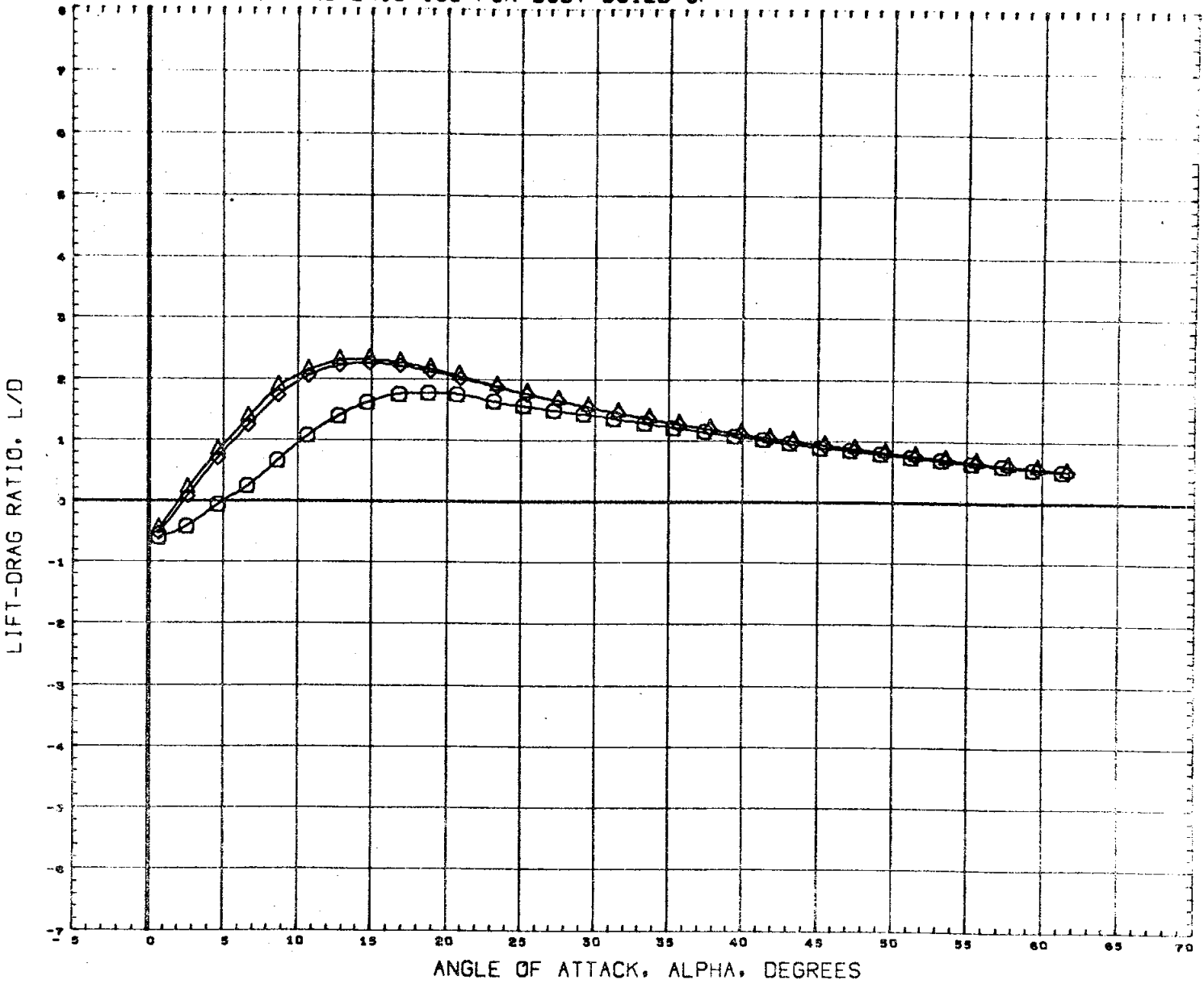


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XHRP 3.4530 IN.
			YHRP 0.0000 IN.
			ZHRP 0.0000 IN.
			SCALE 0.0040

MACH 2.99

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



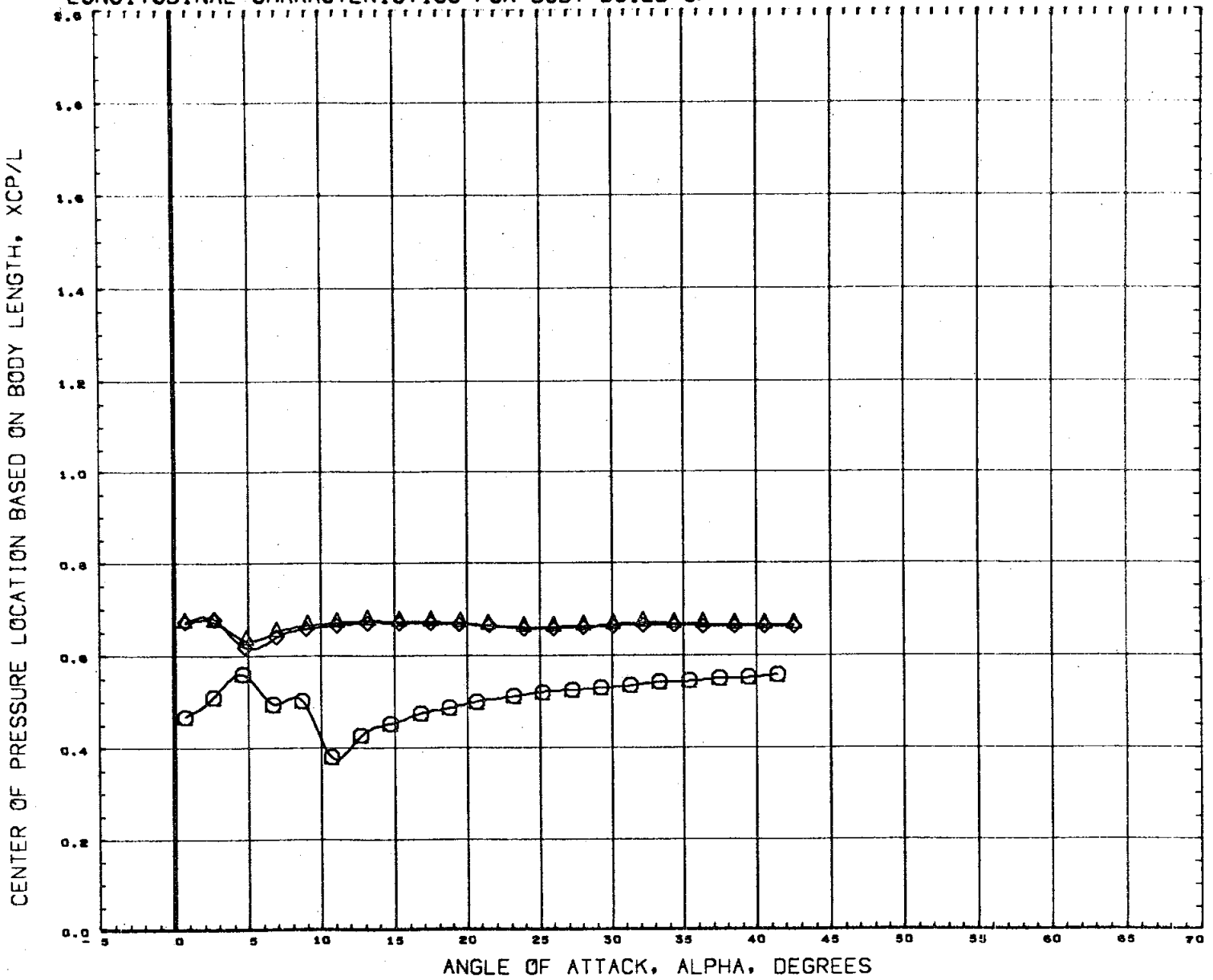
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4550 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 4.96

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



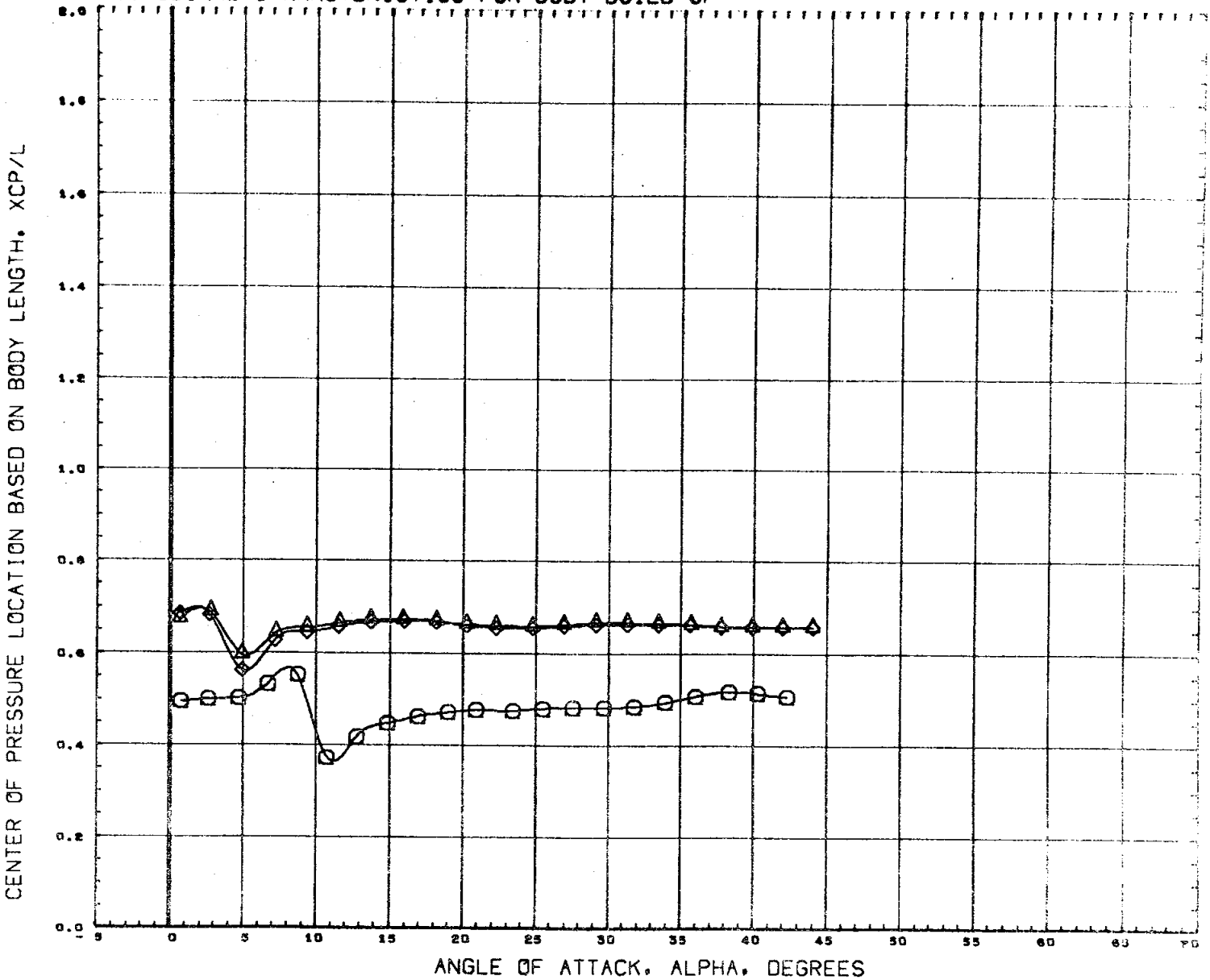
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .60

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

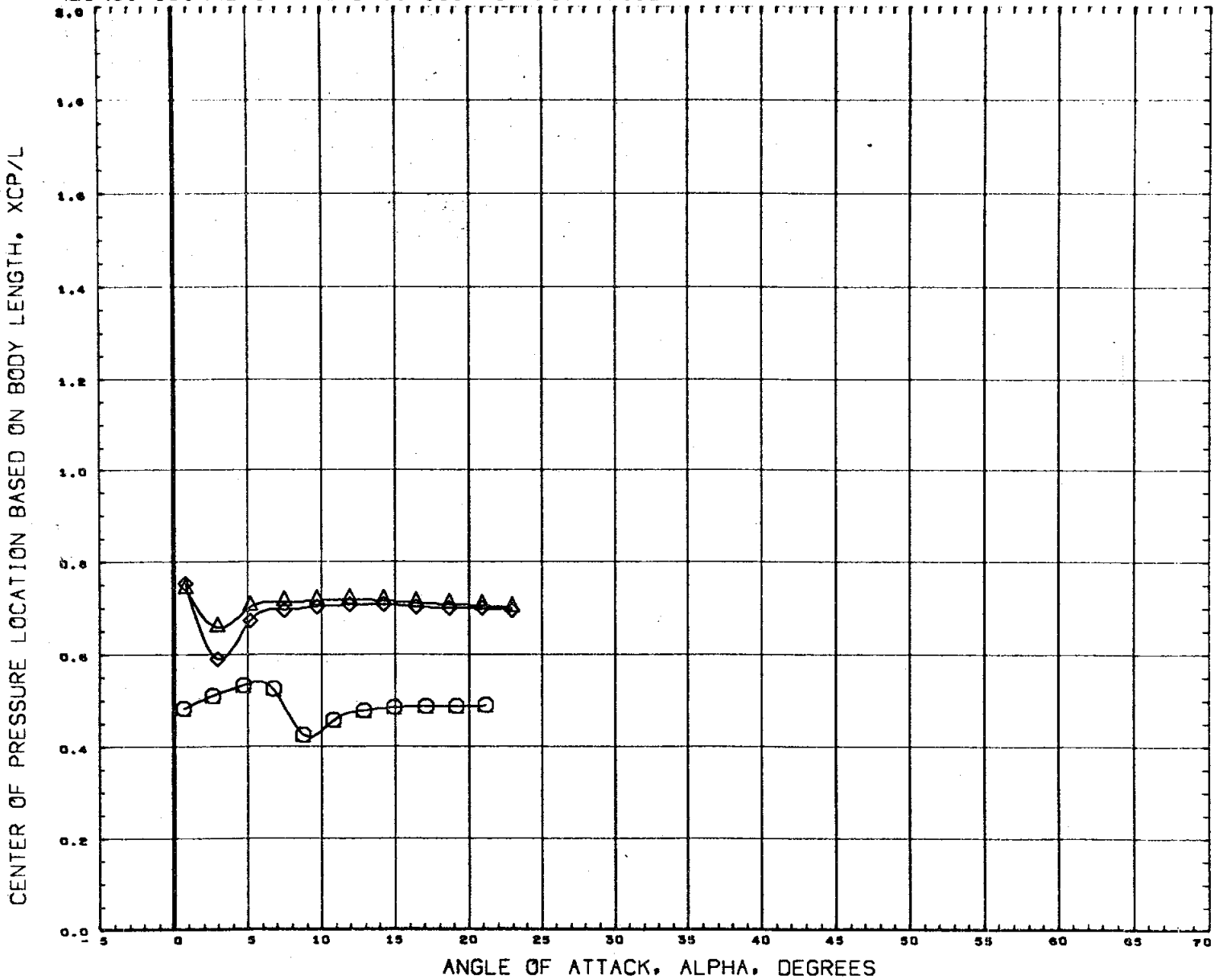


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C7610S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C7620S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C7630S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRF	3.4530	IN.
YMRF	0.0000	IN.
ZMRF	0.0000	IN.
SCALE	0.0040	

MACH .91

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

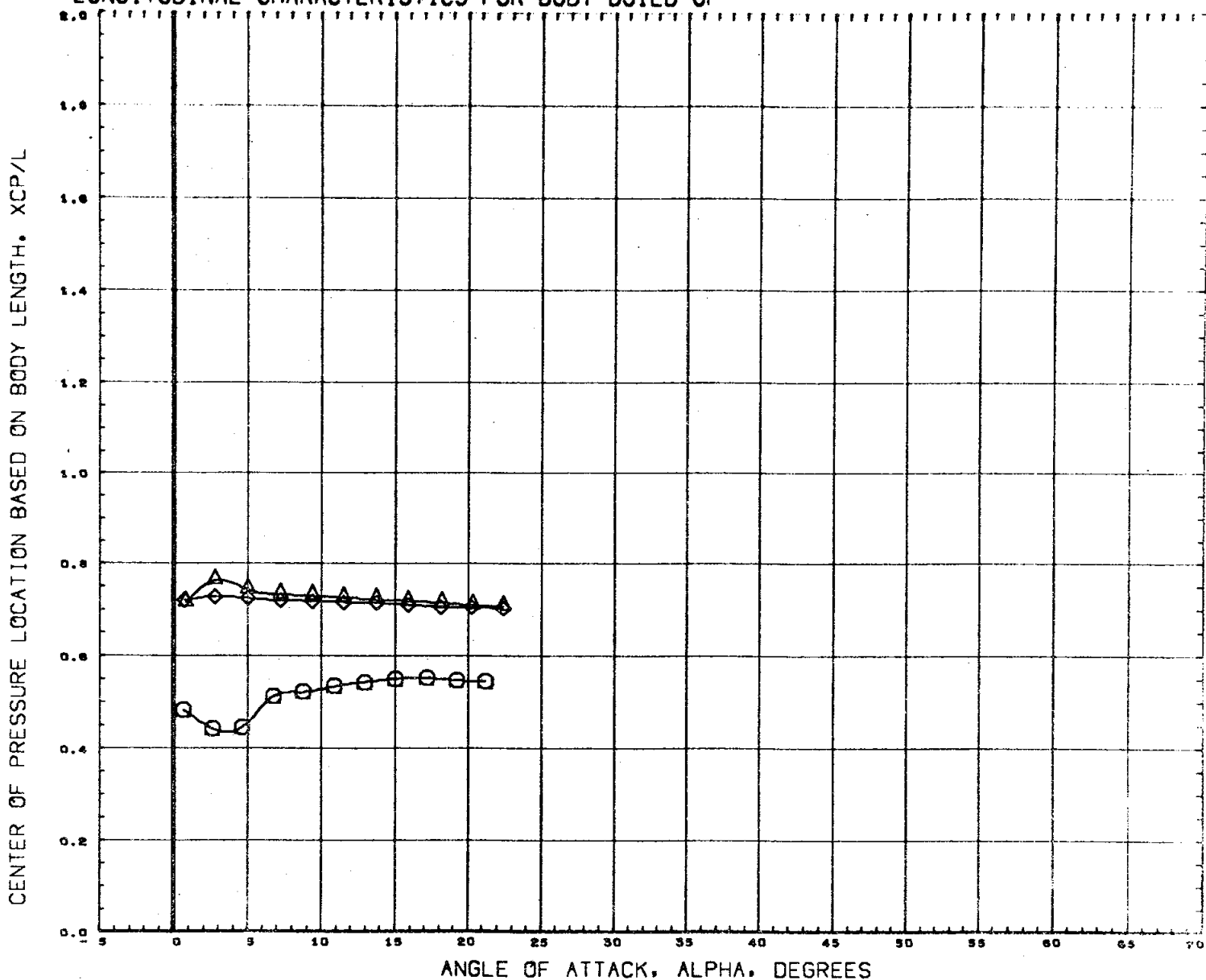


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

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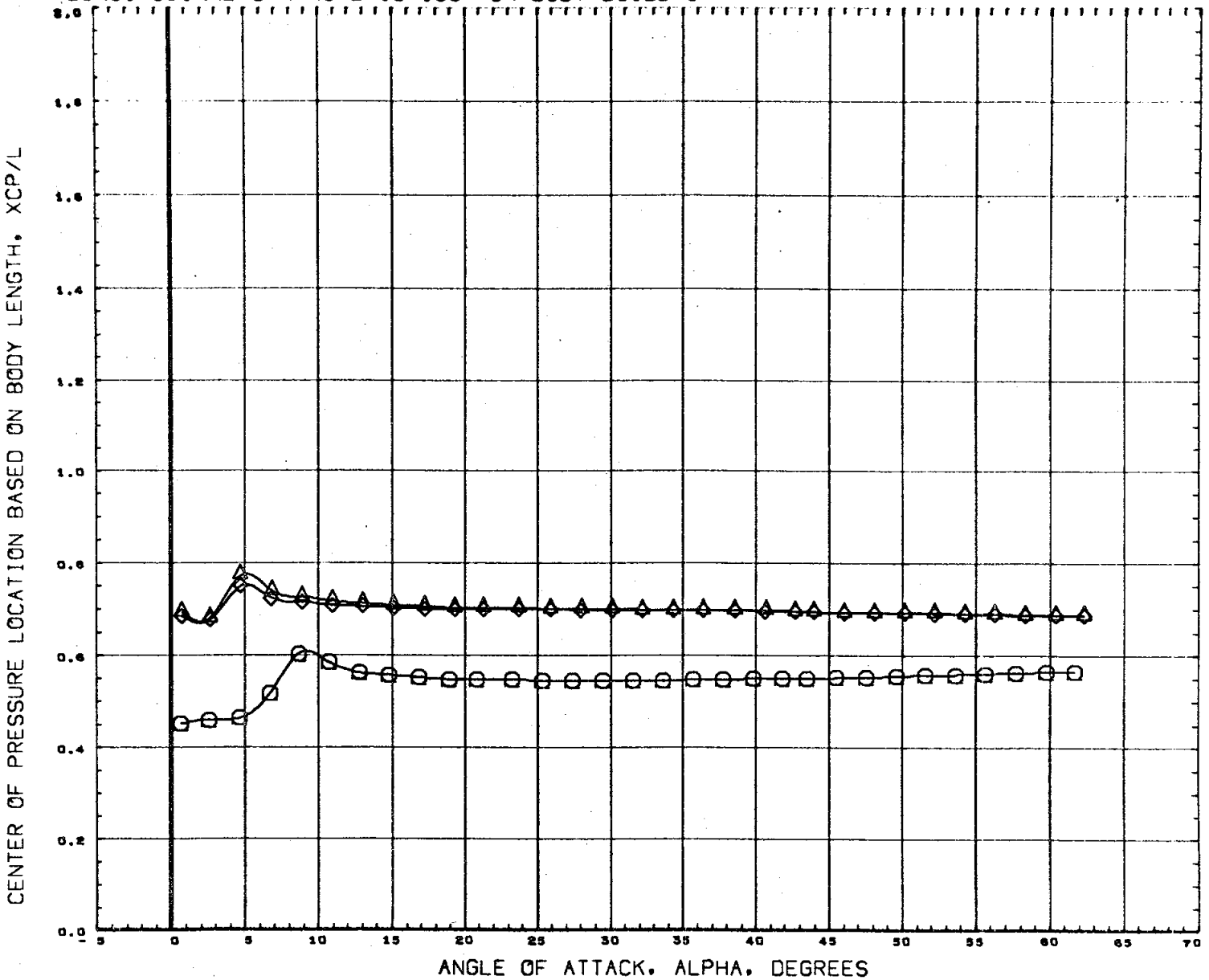
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 1.96

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

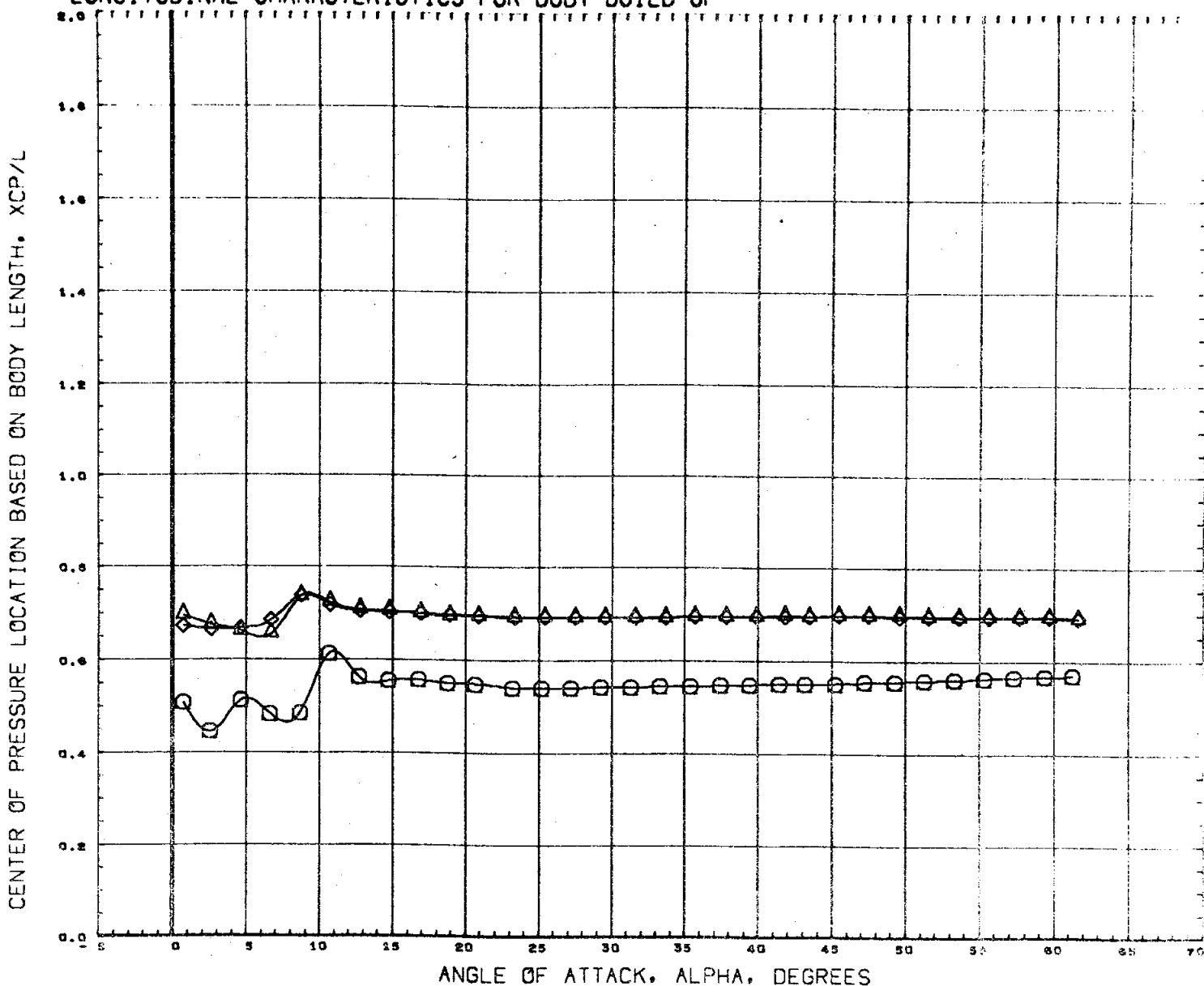


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 2.99

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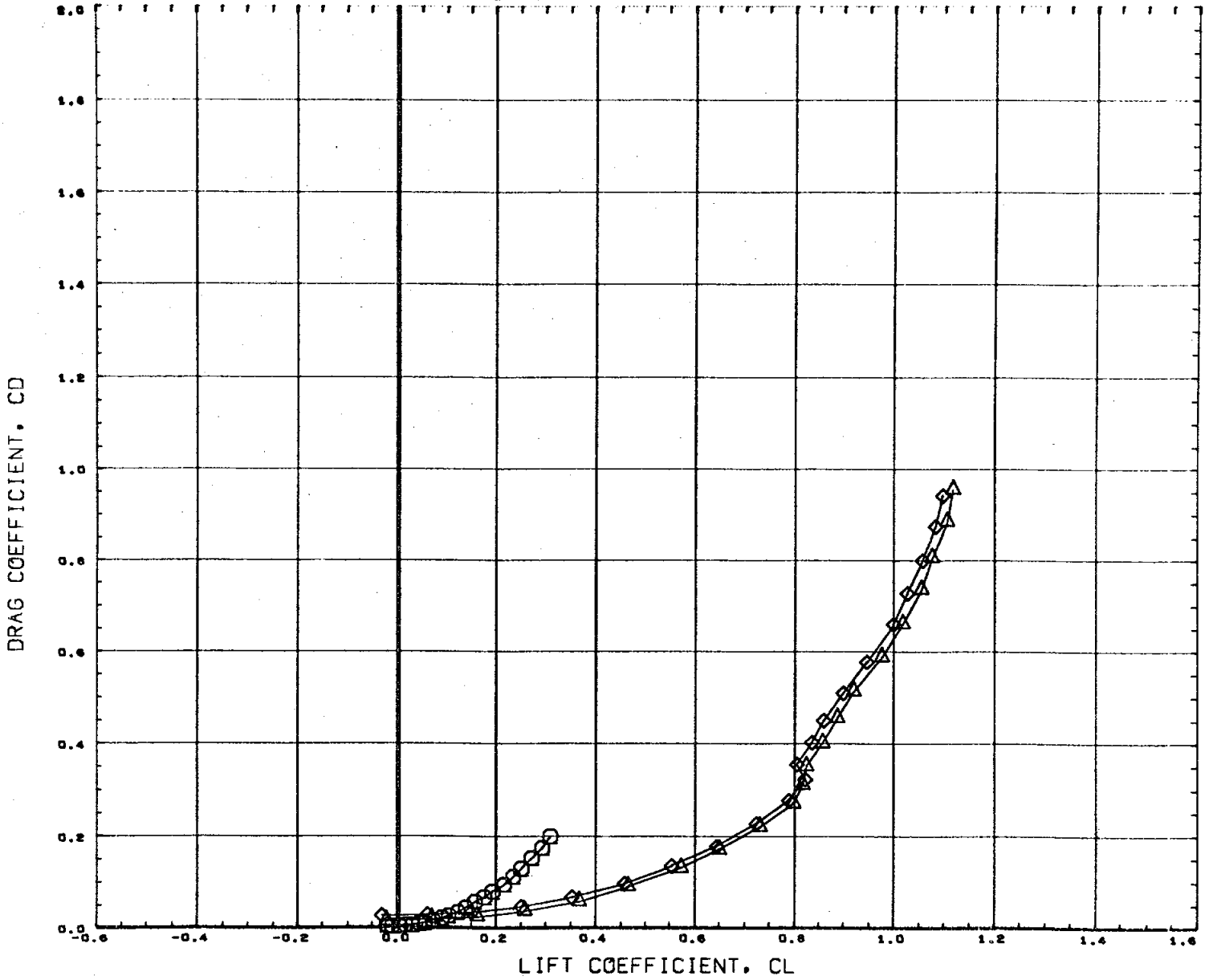
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 4.96

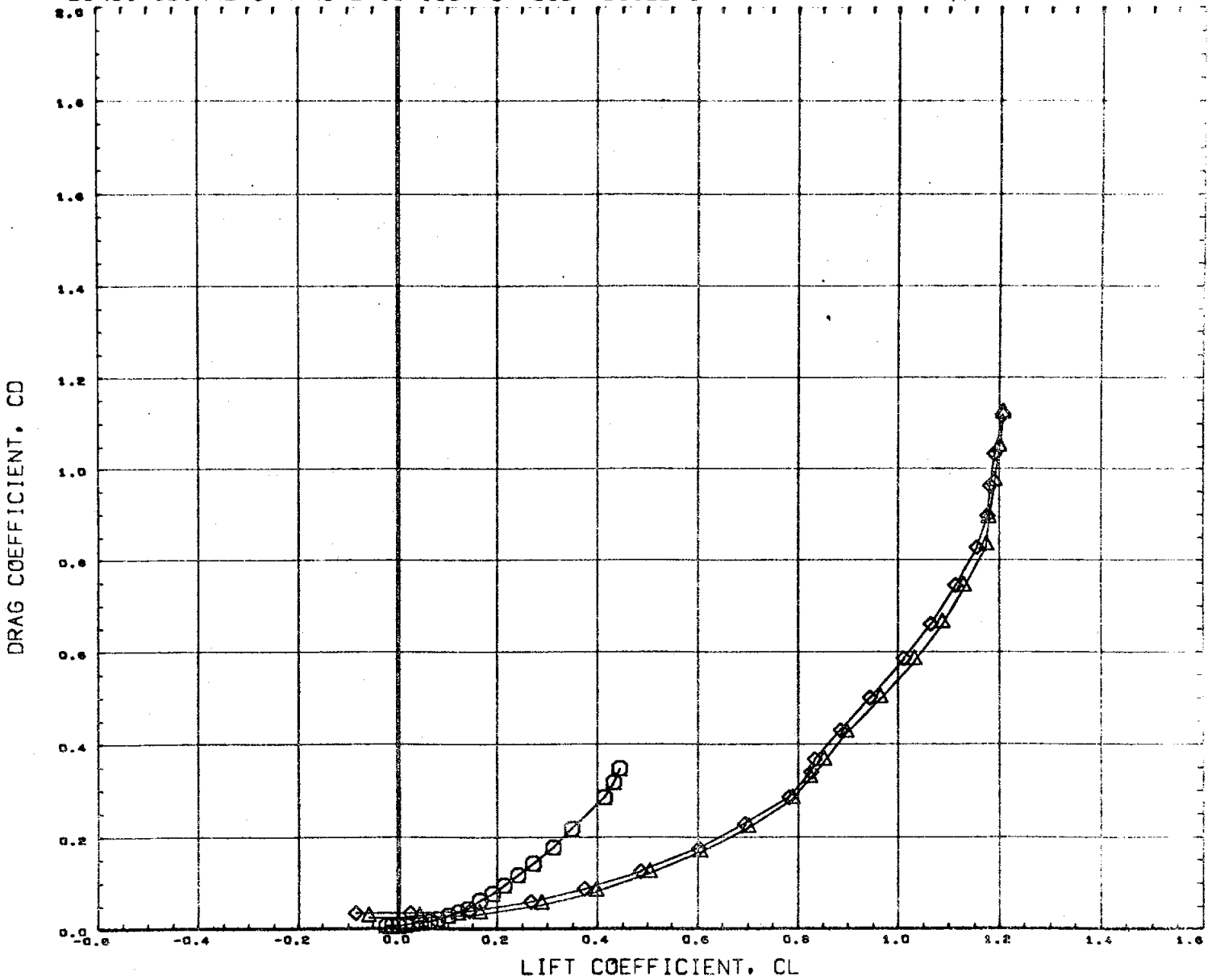
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ.FN.
(C7620S)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	◇ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH .60

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



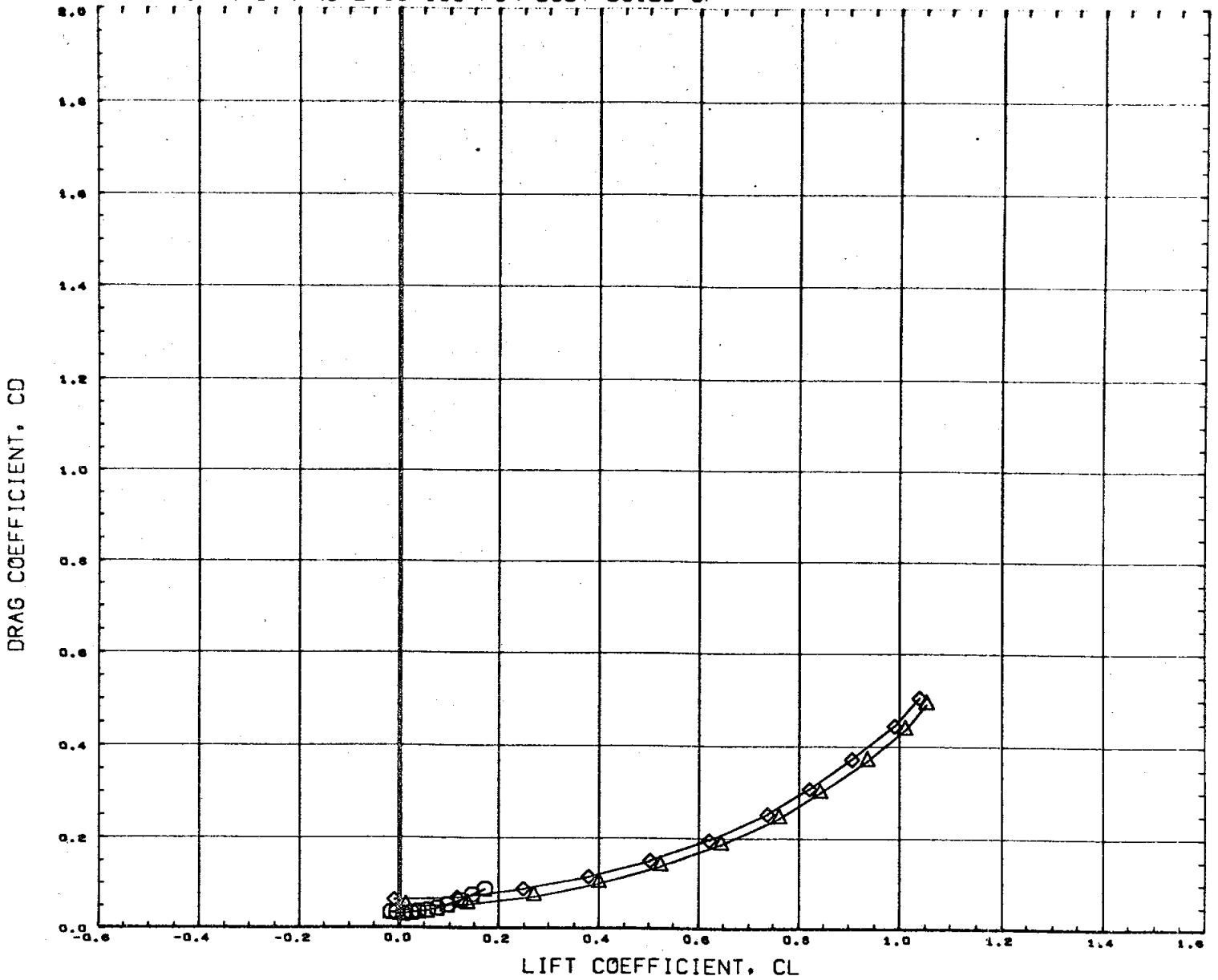
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4330 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH .91

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

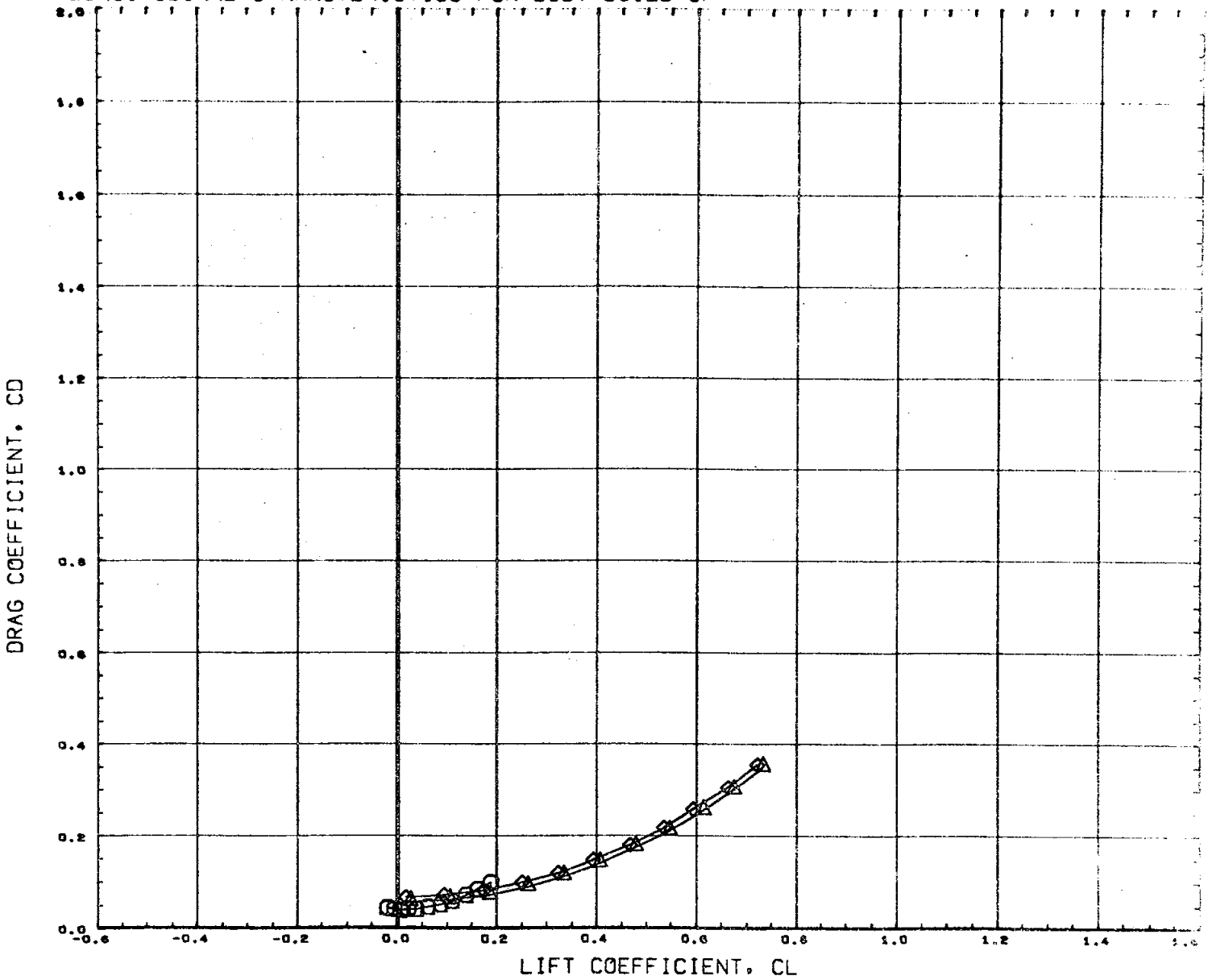


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(C76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000
(C76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

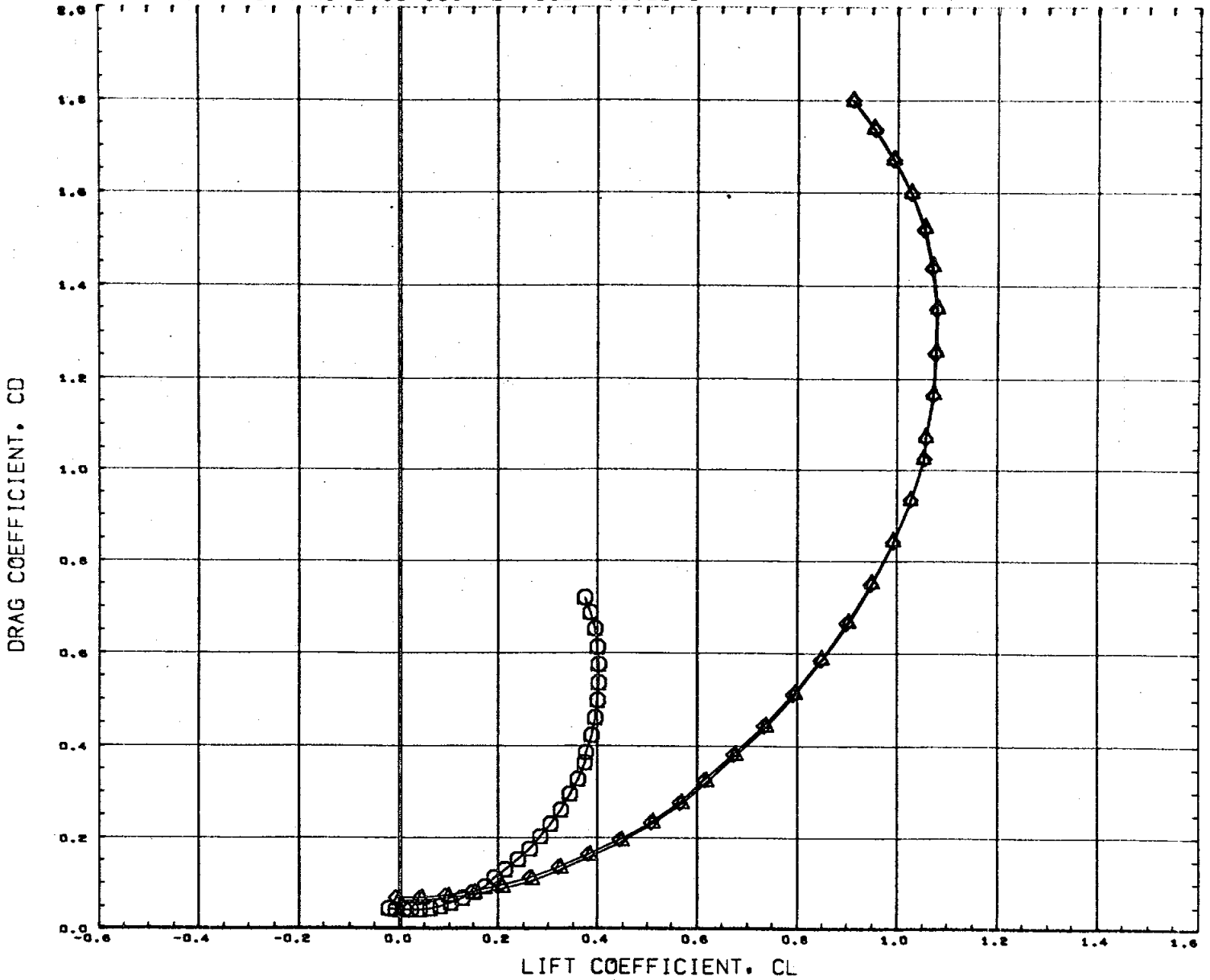
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0500 IN.
			XMRP 3.4550 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 1.96

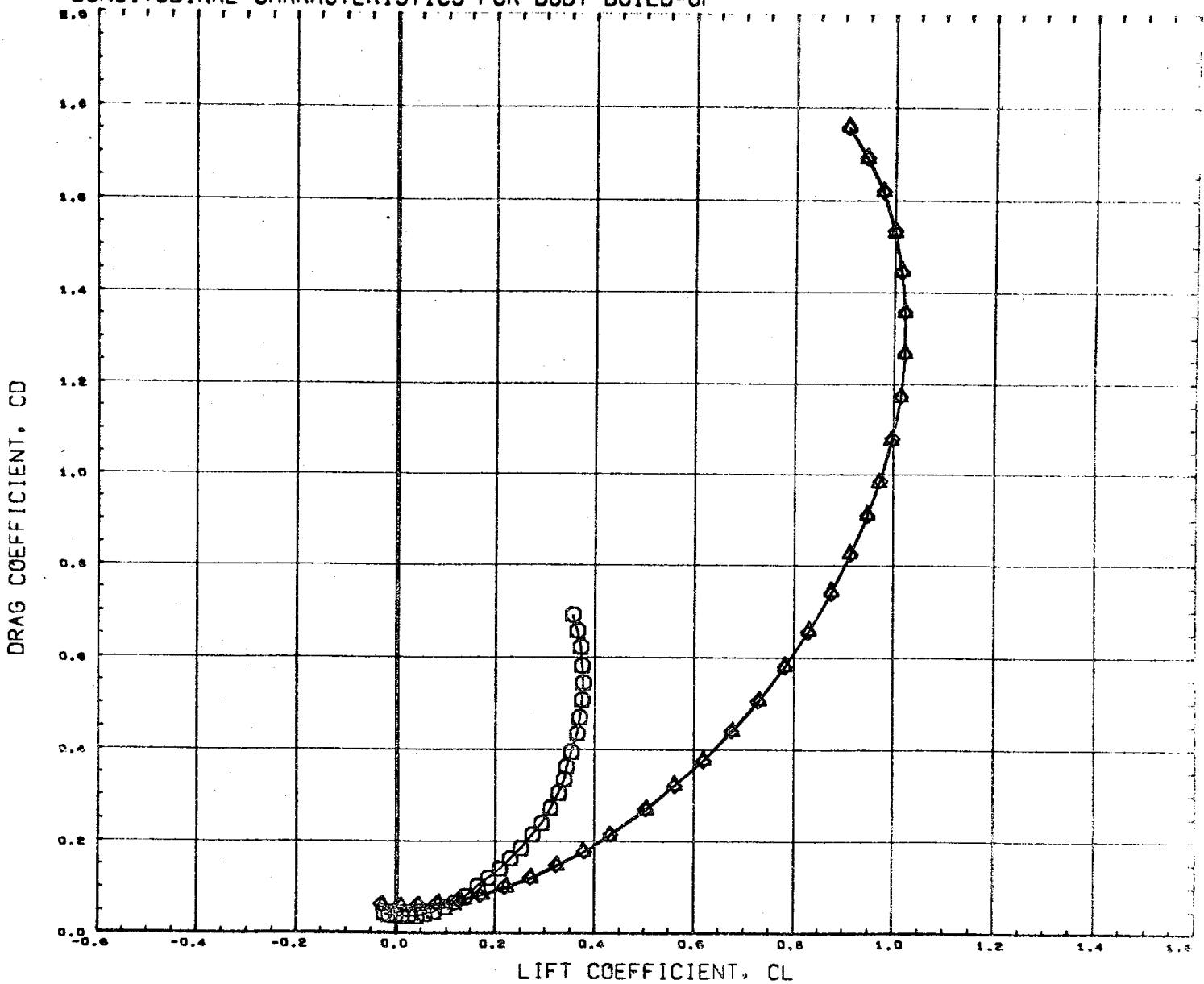
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000.	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4330 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH 2.99

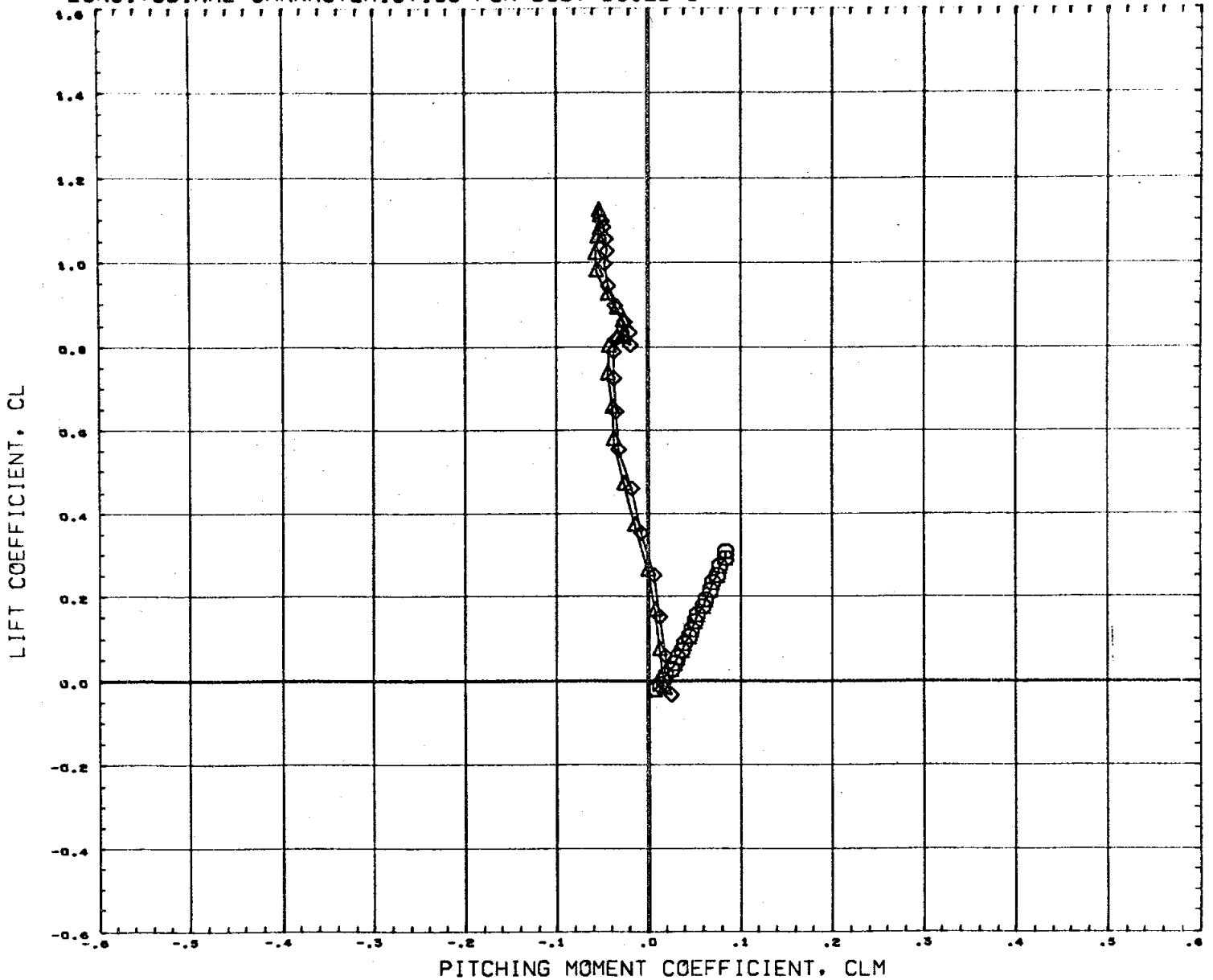
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	◇ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XHRP	3.4530 IN.
			YHRP	0.0000 IN.
			ZHRP	0.0000 IN.
			SCALE	0.0040

MACH 4.96

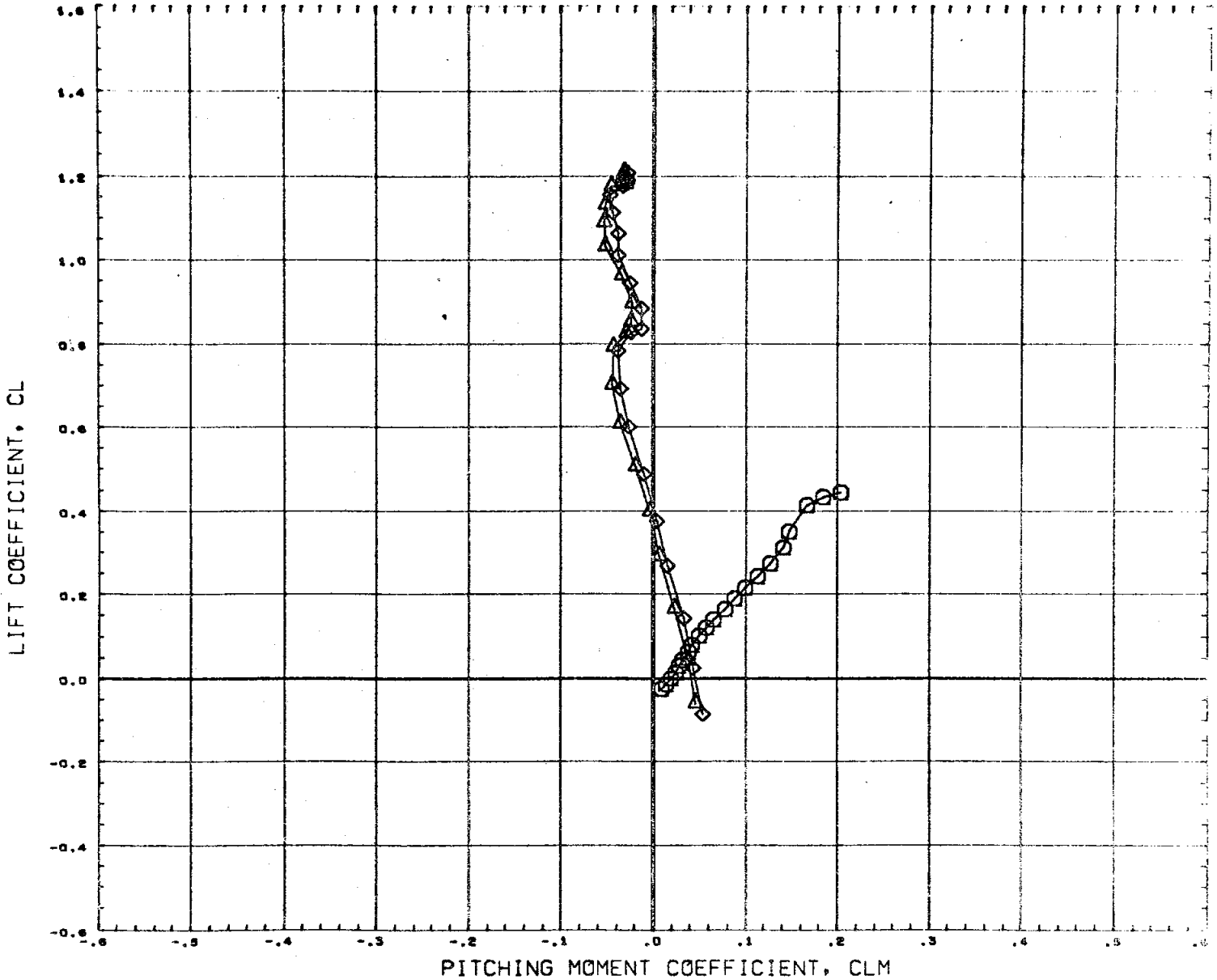
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4195 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

MACH .60

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

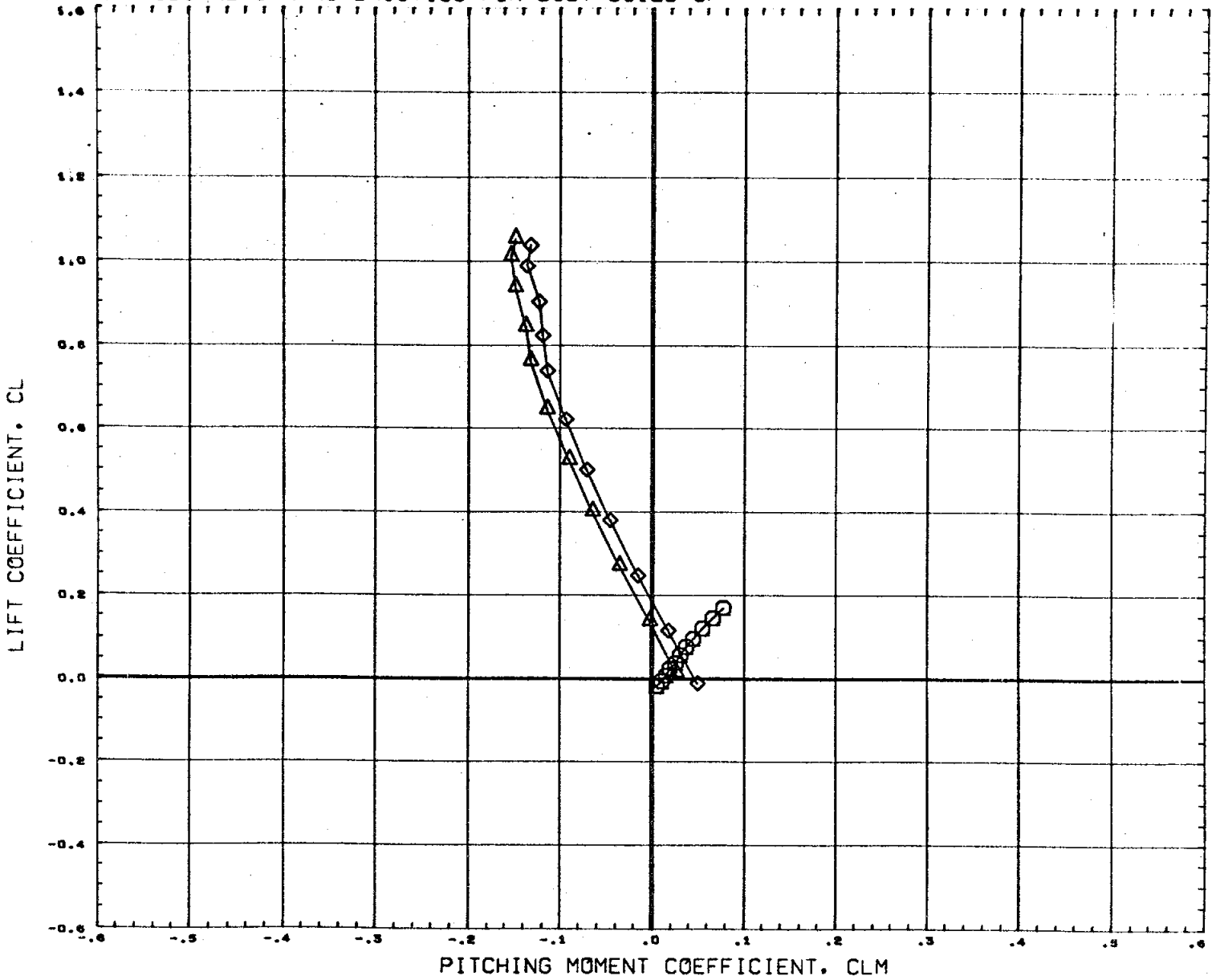


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH .91

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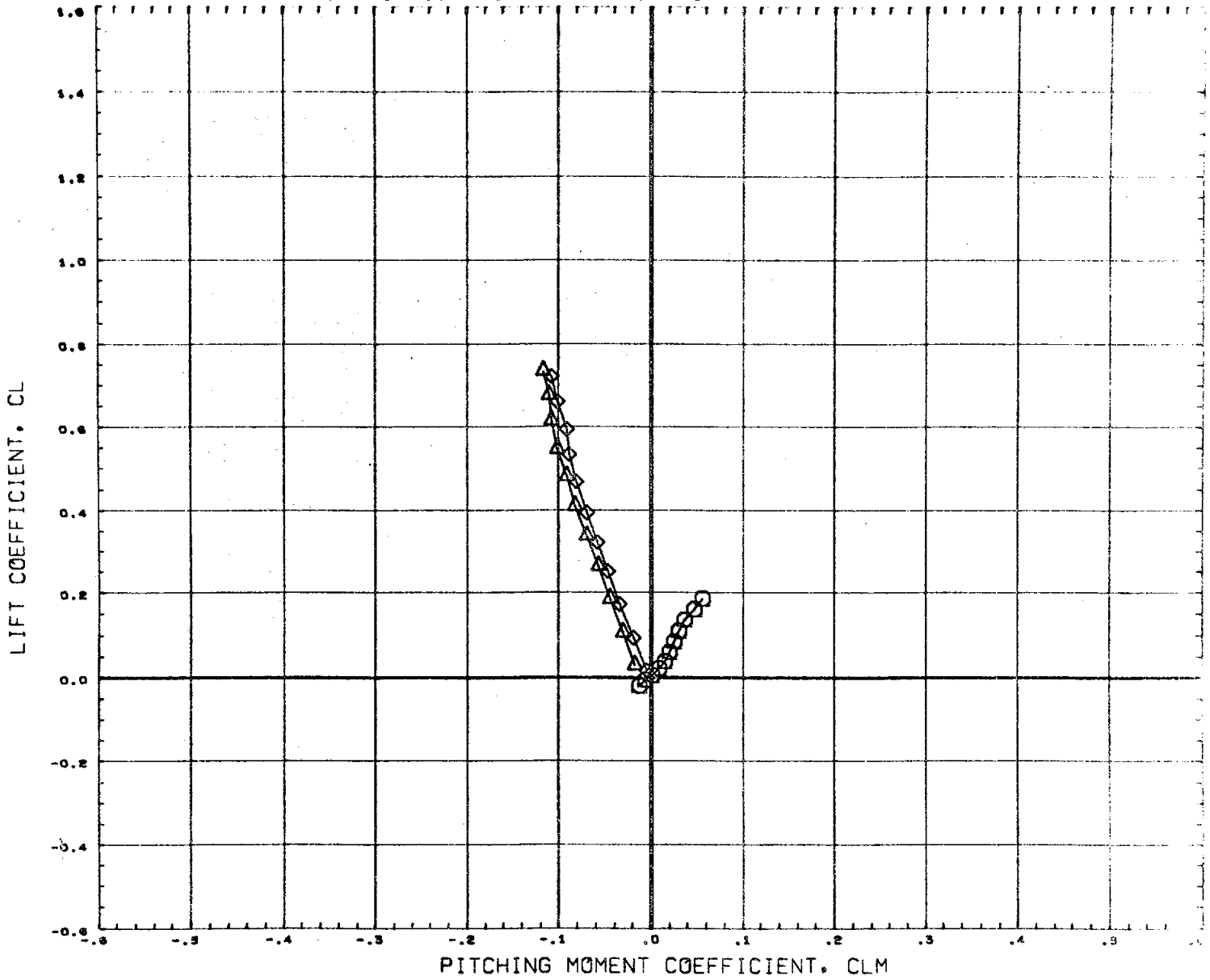
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4536 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.20

# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



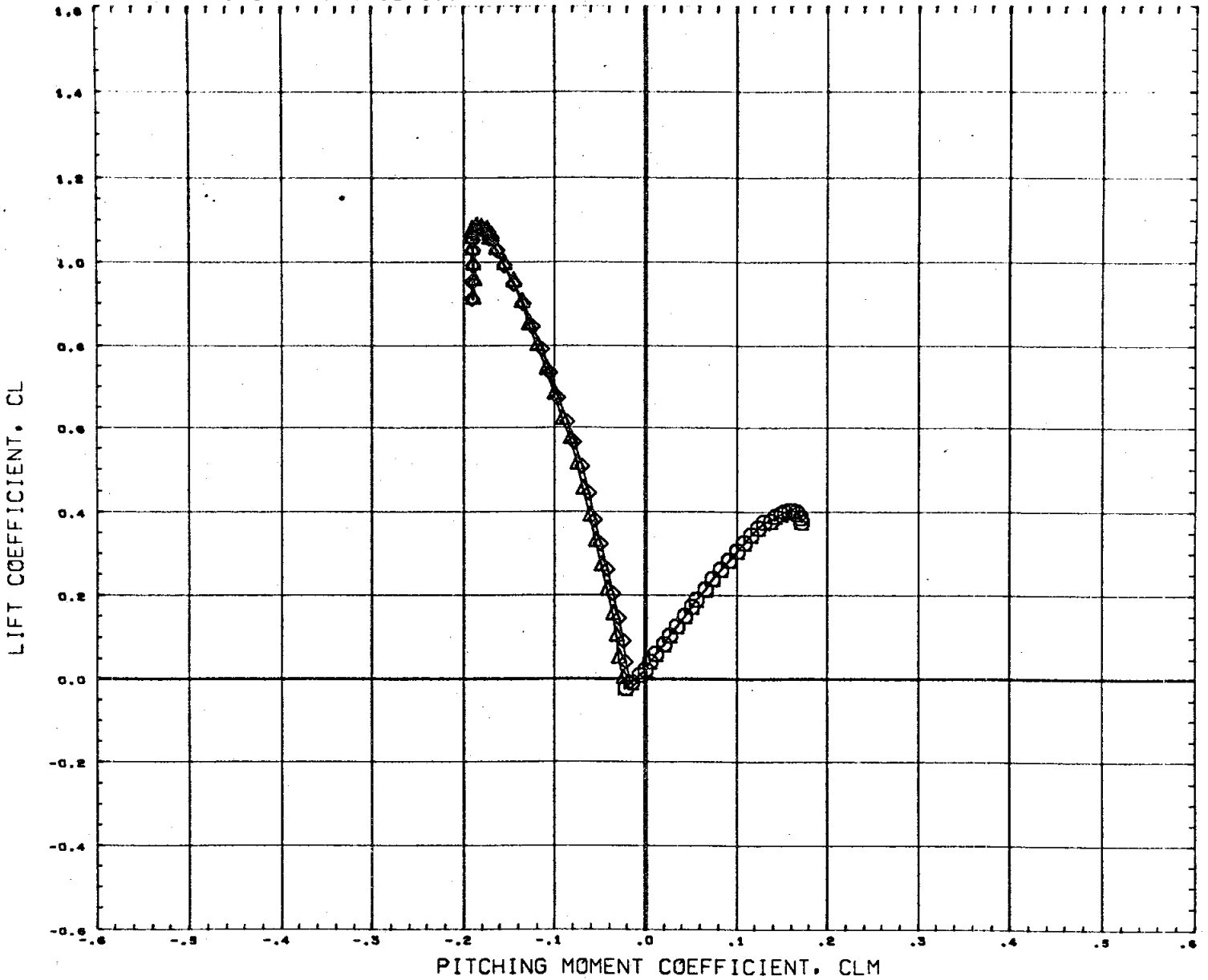
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 1.96

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# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP

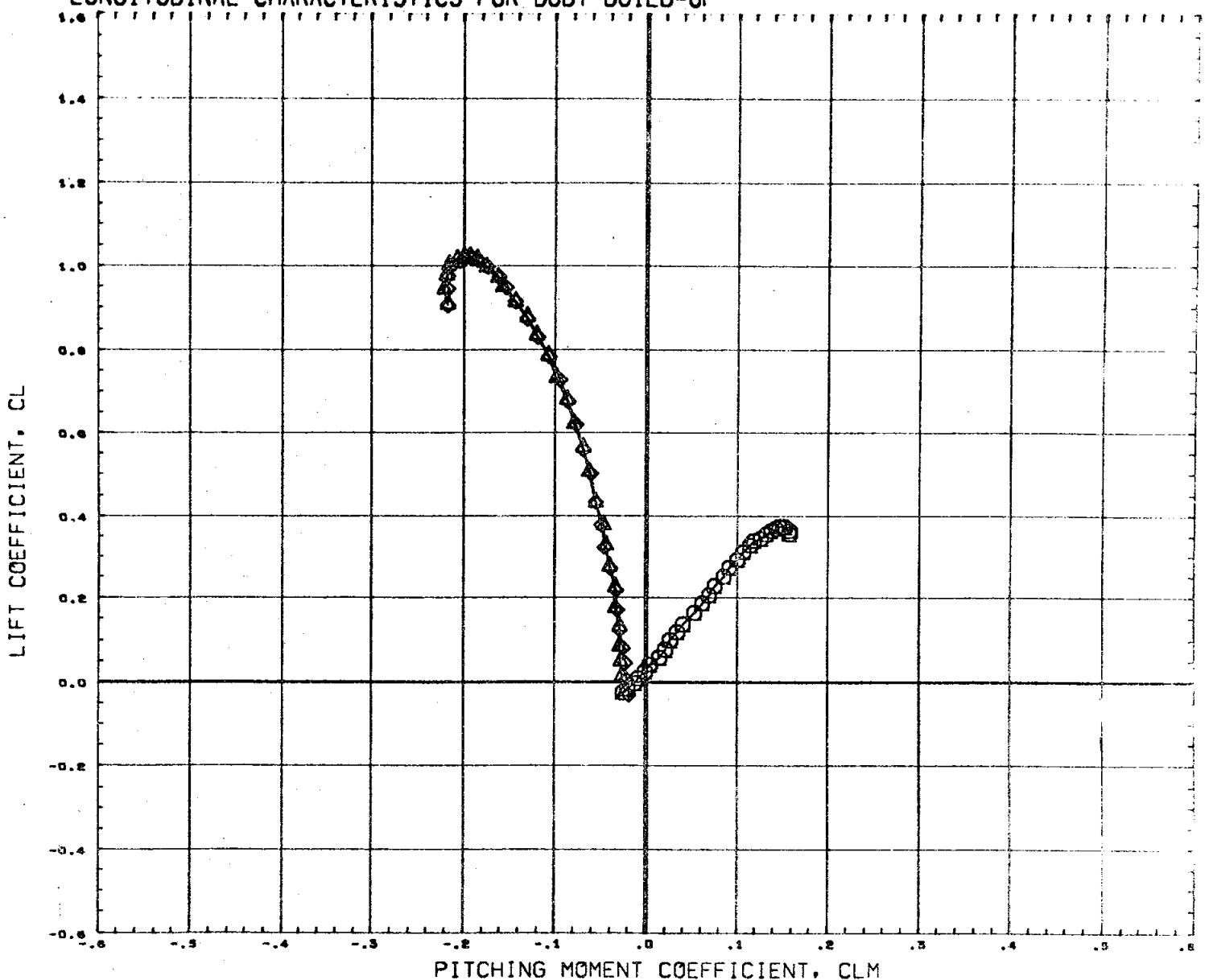


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION	
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF	7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF	2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF	4.0300 IN.
			XMRP	3.4530 IN.
			YMRP	0.0000 IN.
			ZMRP	0.0000 IN.
			SCALE	0.0040

MACH 2.99

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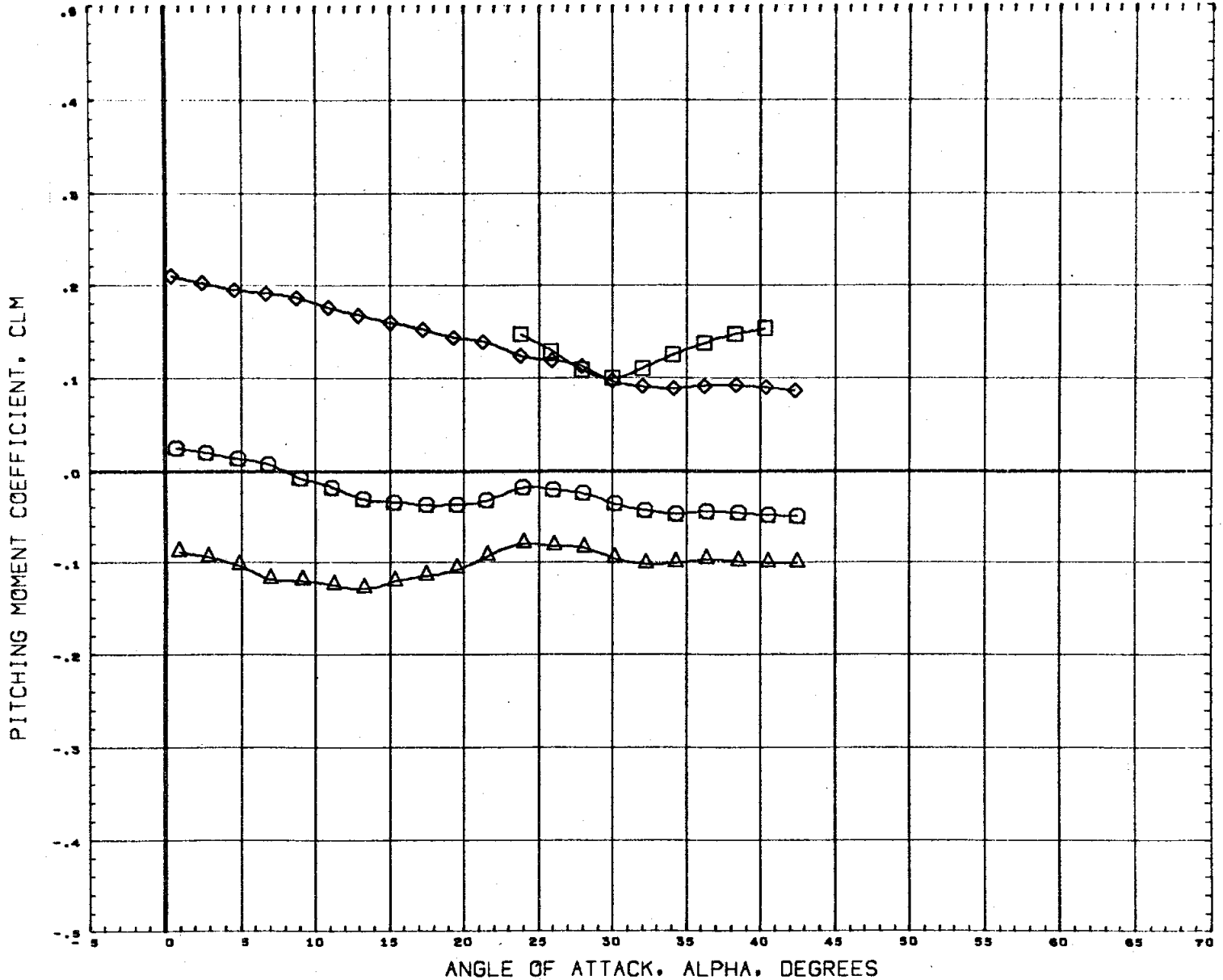
# LONGITUDINAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	REFERENCE INFORMATION
(C7610S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000	SREF 7.4190 SQ. IN.
(C7620S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	LREF 2.1020 IN.
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

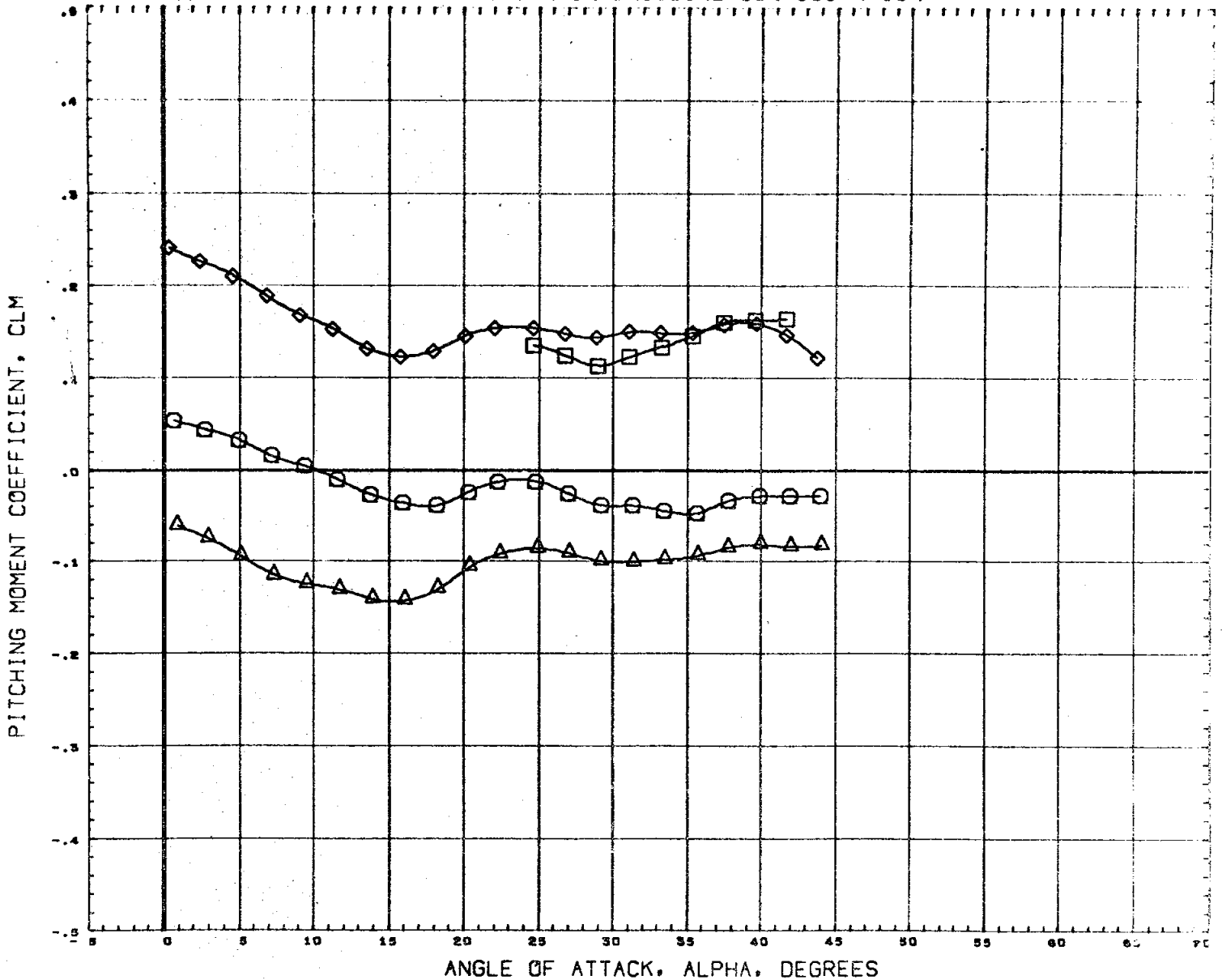
MACH 4.96

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XHRP 3.4530 IN. YHRP 0.0000 IN. ZHRP 0.0000 IN. SCALE 0.0040

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

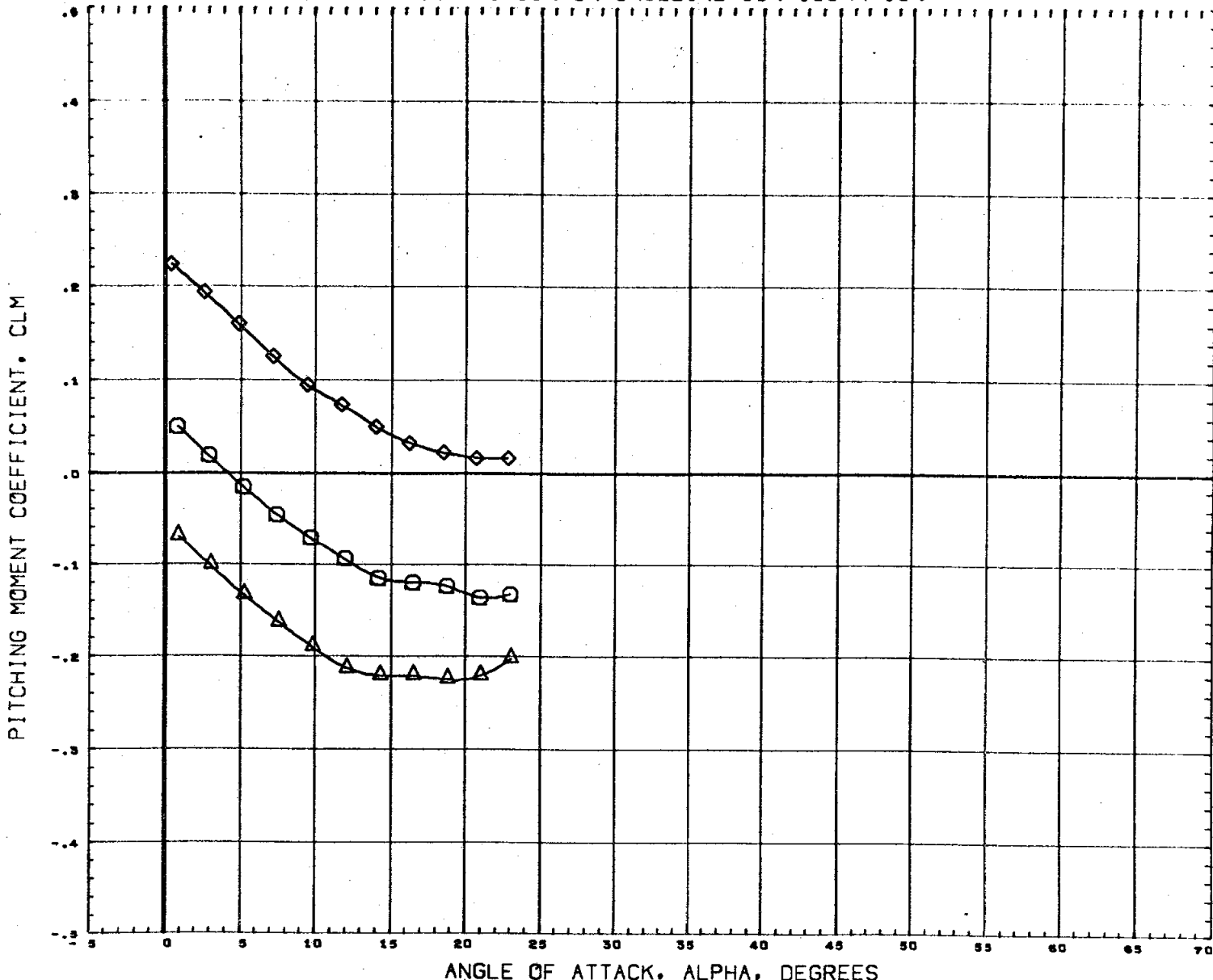


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

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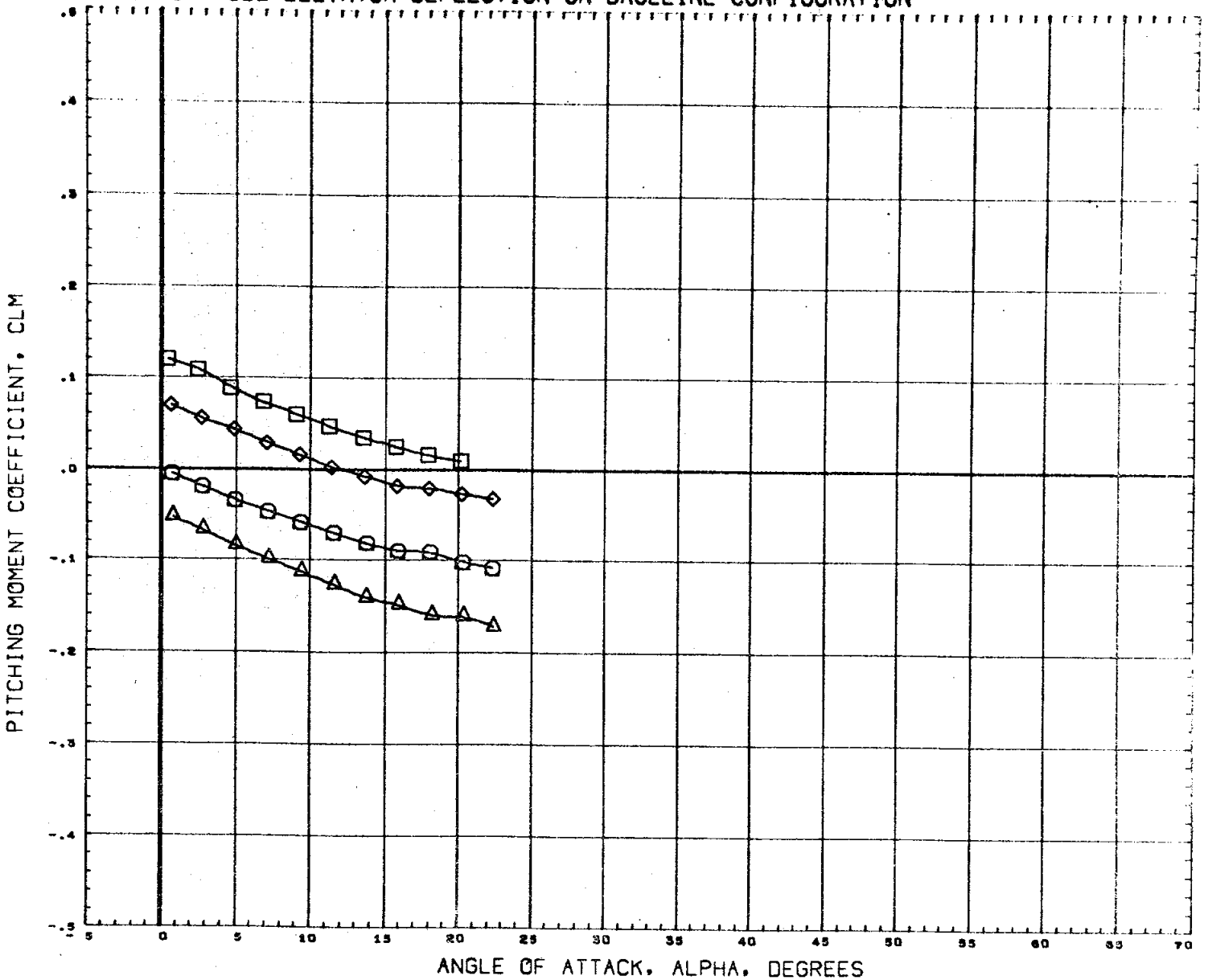
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

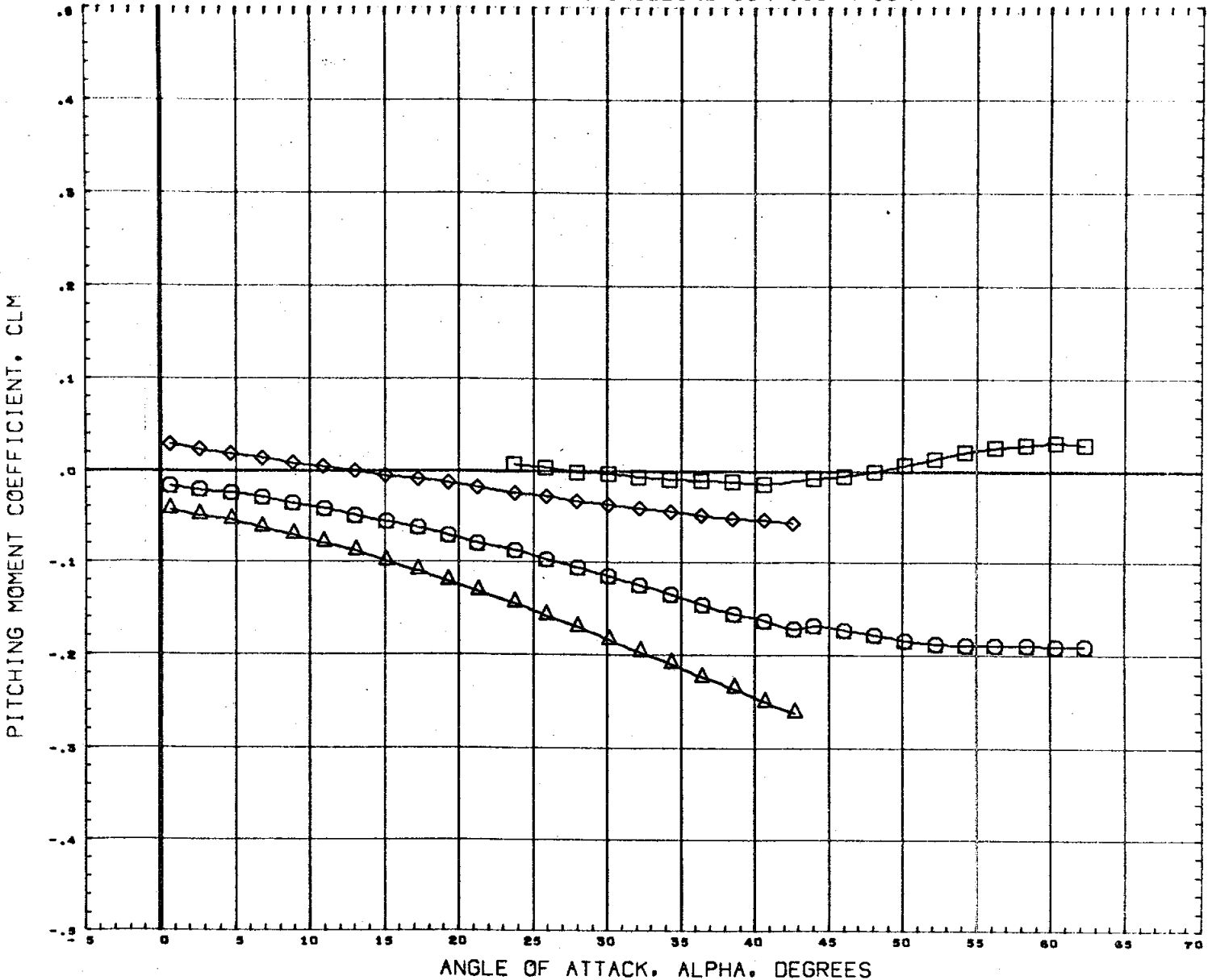
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION		
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190	SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF	2.1026	IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF	4.0300	IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

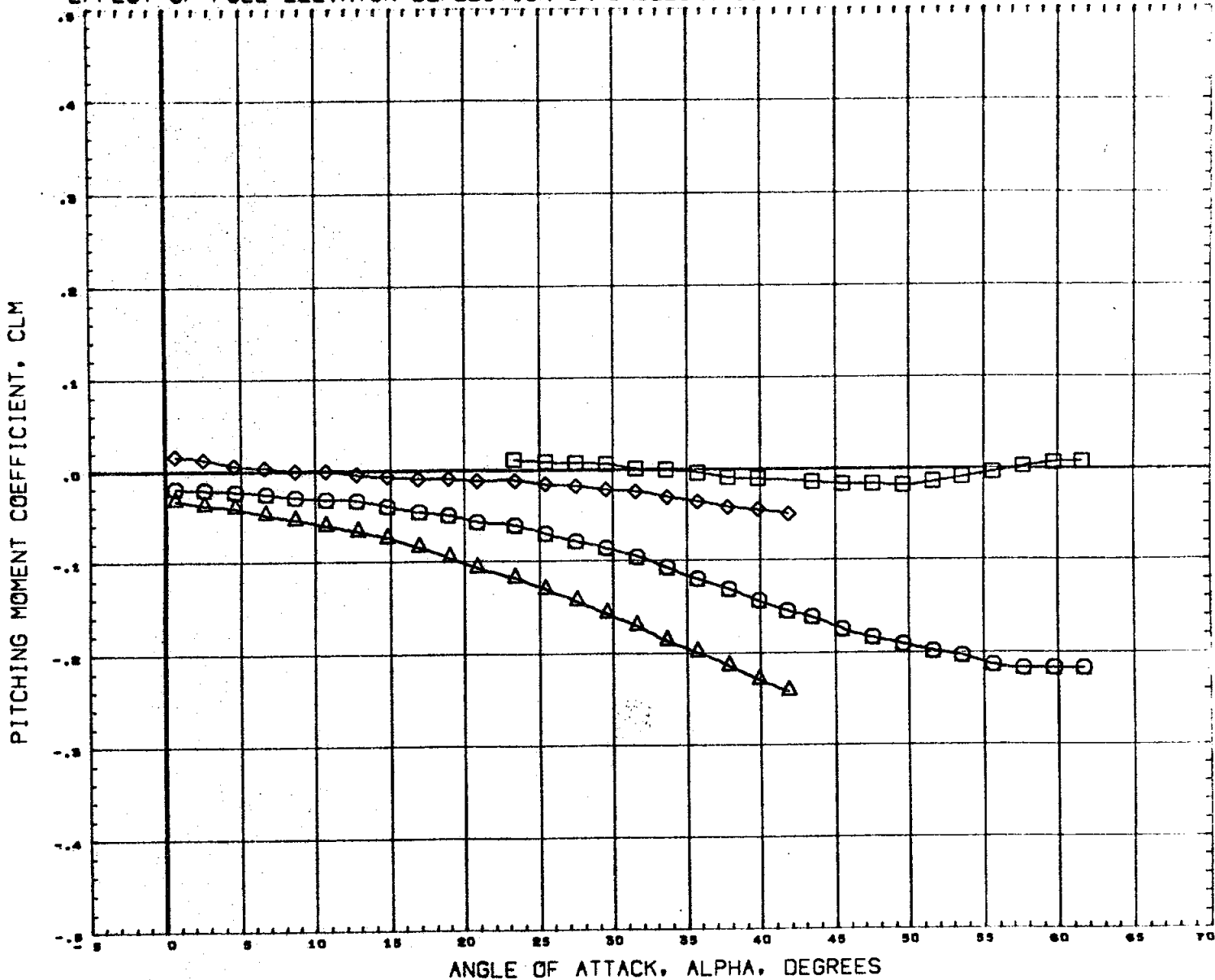
MACH 1.97

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

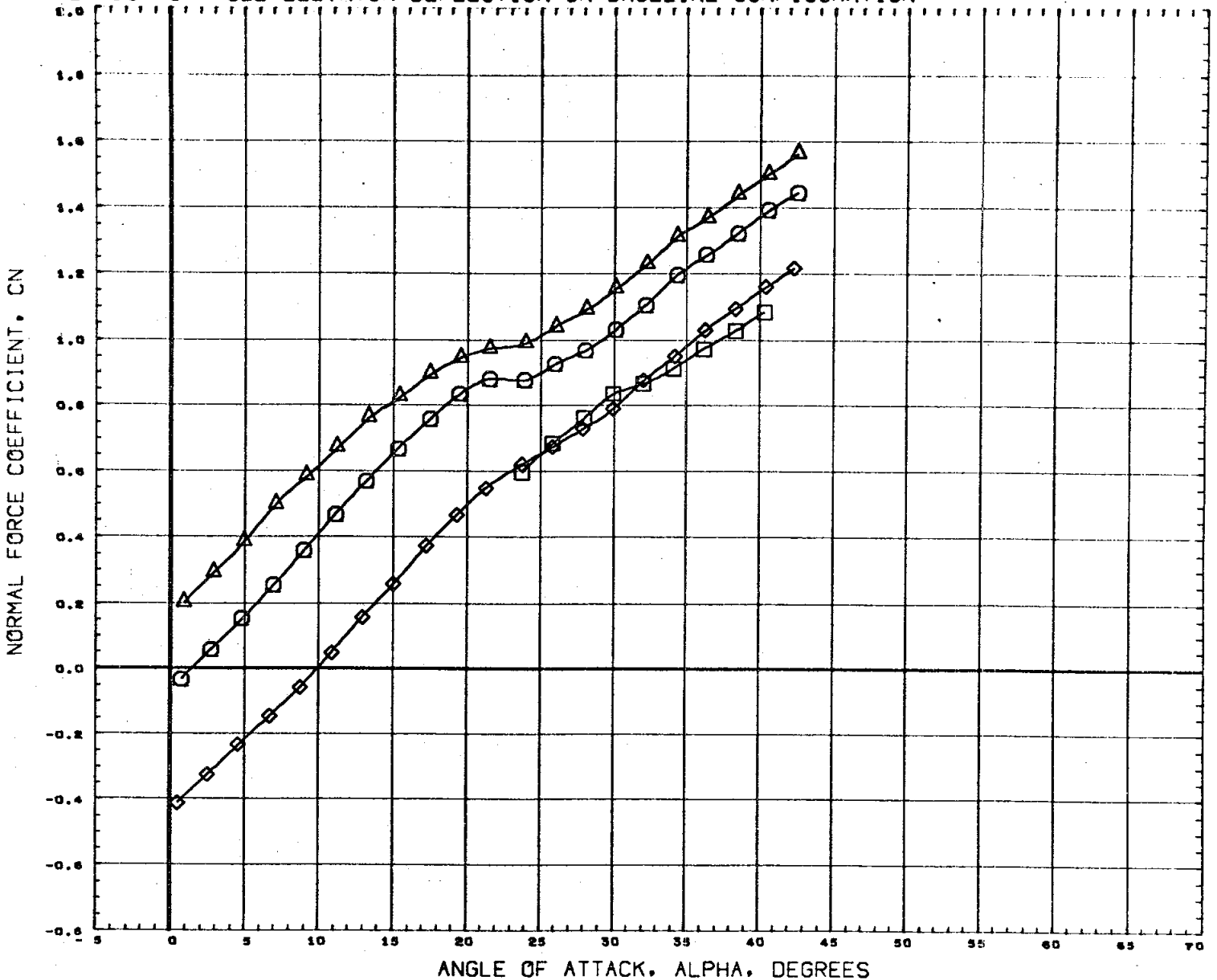


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76309)	M555 (FAS) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF	2.1020 IN.
(C76311)	M555 (FAS) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF	4.0300 IN.
(C76314)	M555 (FAS) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRRP	3.4530 IN.
						YMRRP	0.0000 IN.
						ZMRRP	0.0000 IN.
						SCALE	0.0040

MACH 4.96



# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

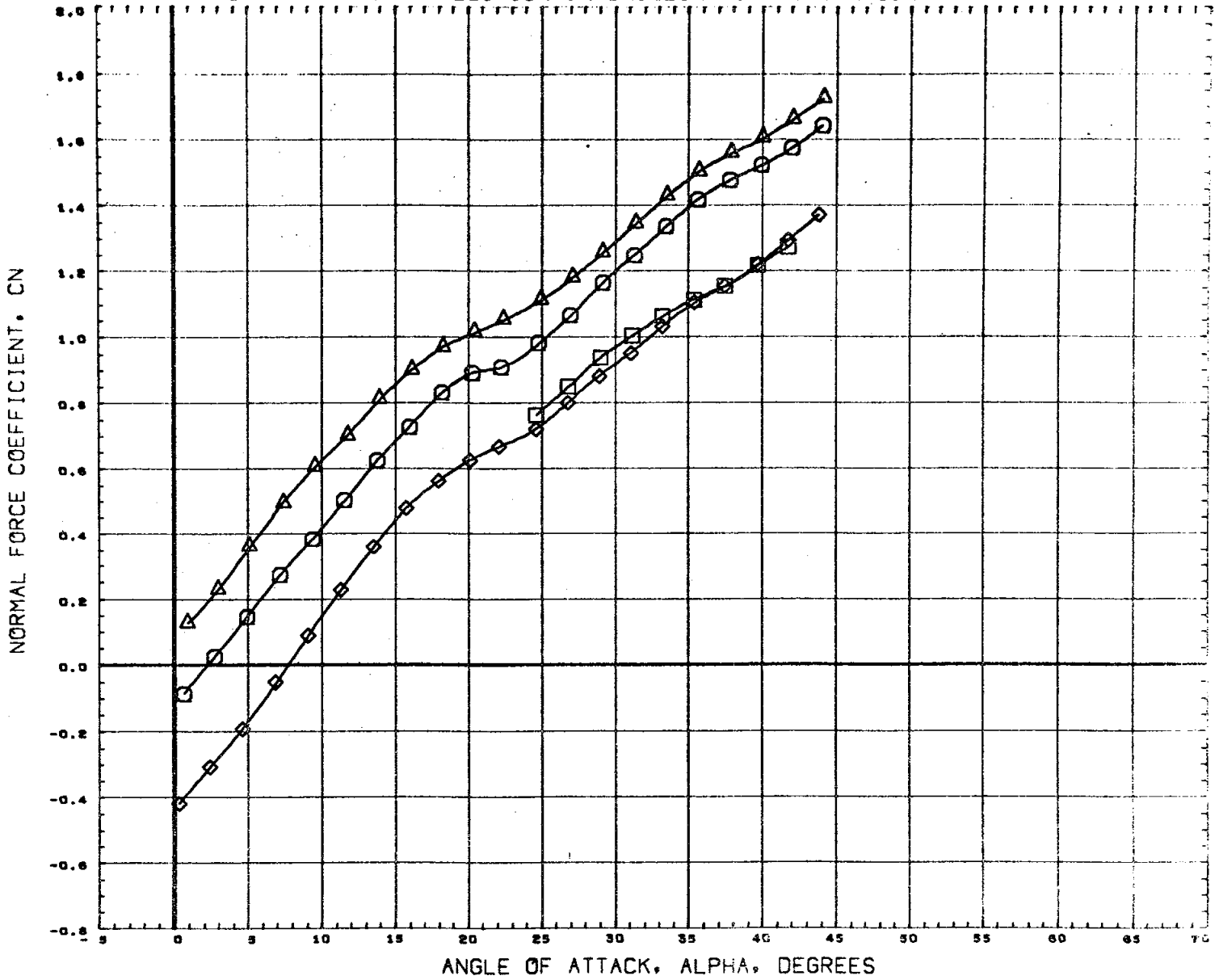
MACH

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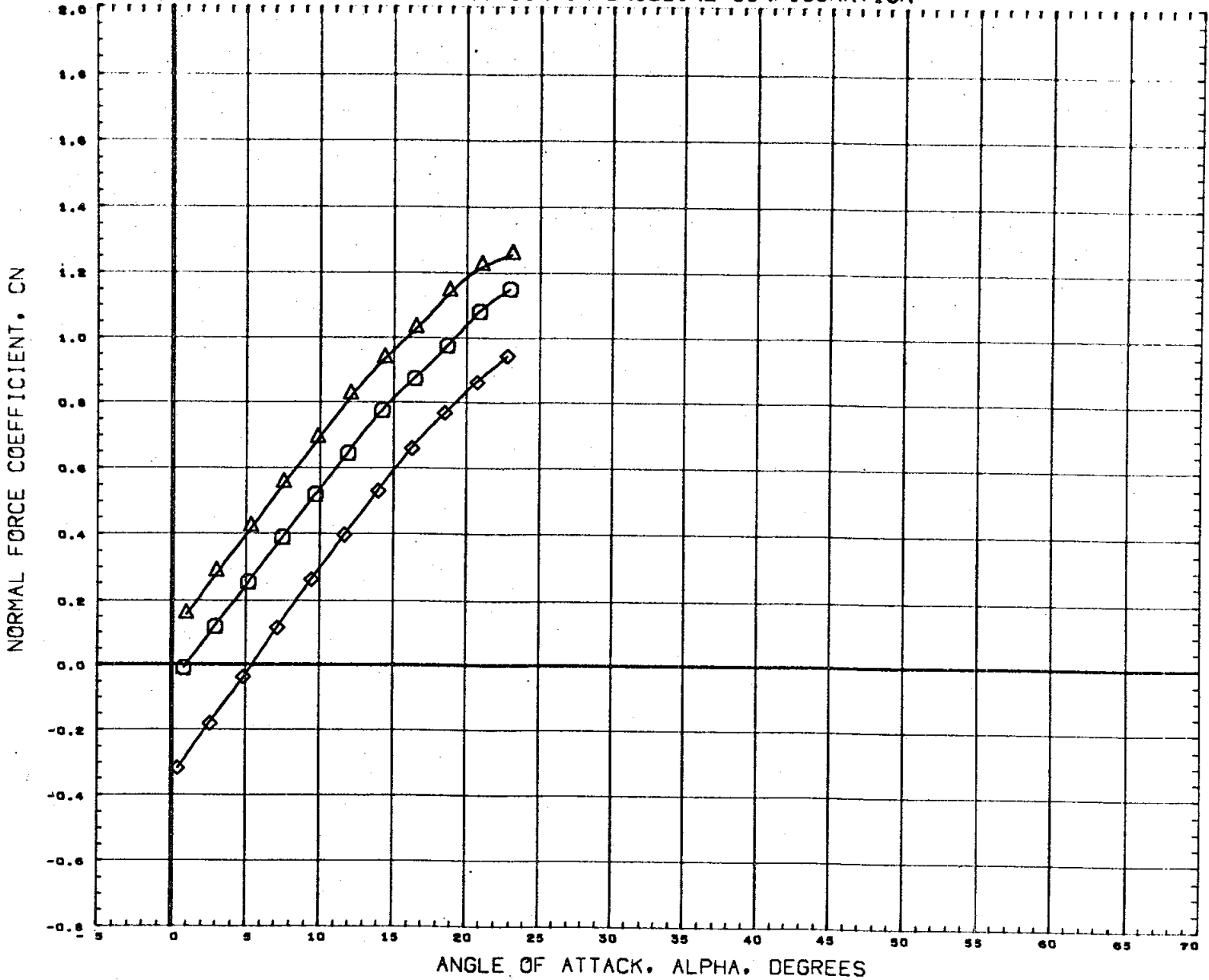
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76S05)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 50.1N.
(C76S09)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76S11)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76S14)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

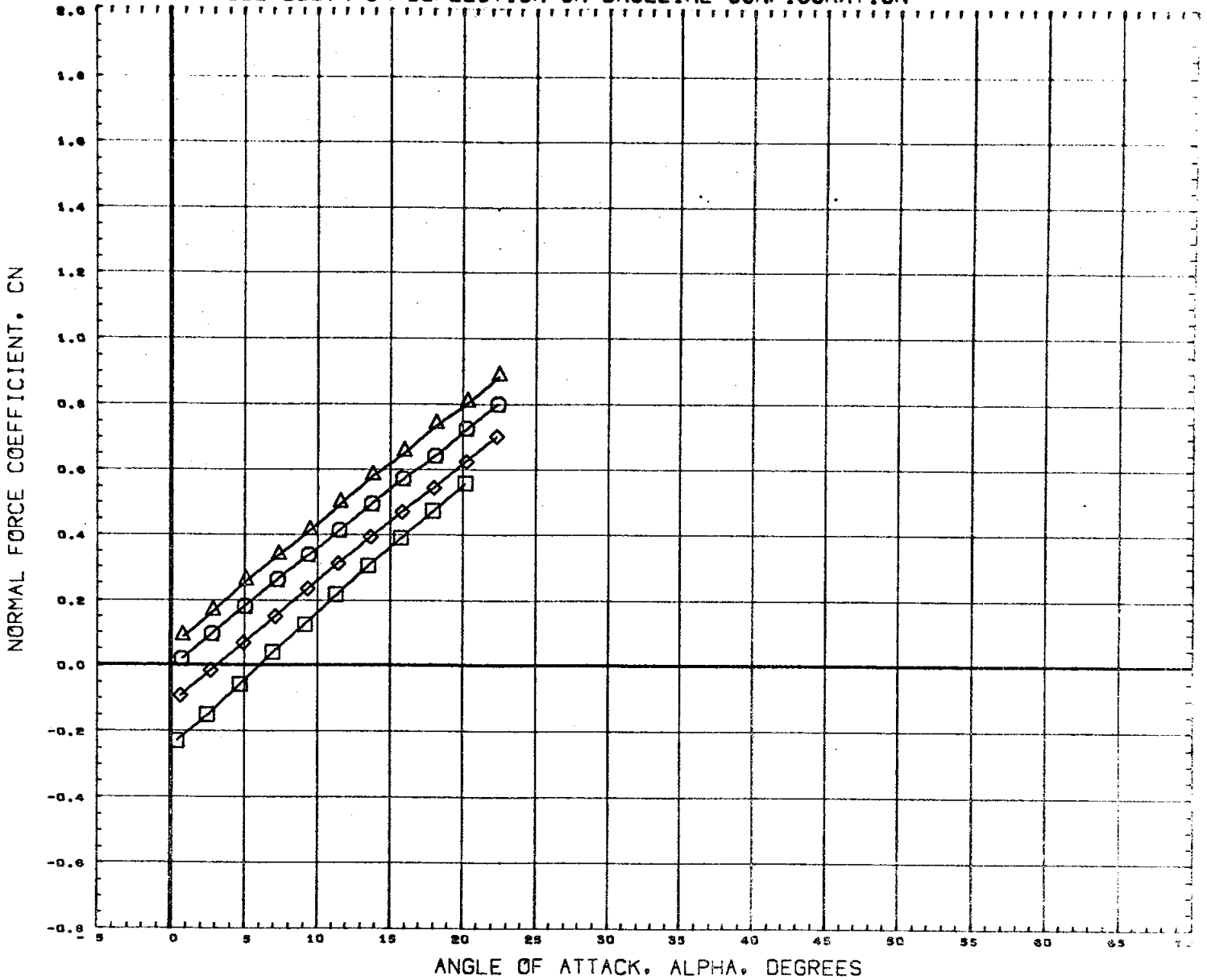
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

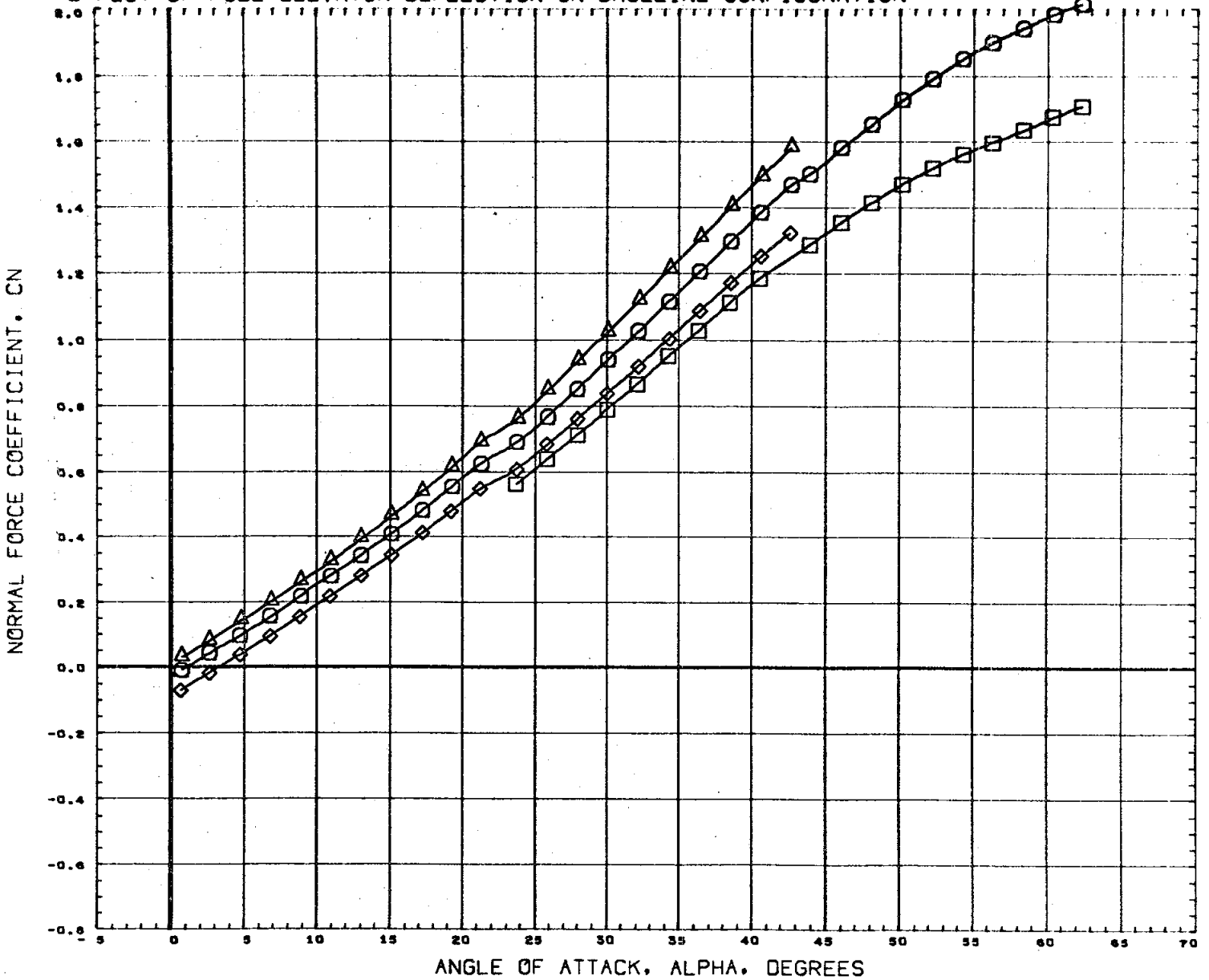
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4150 50. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 1N.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 1N.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4330 1N. YMRP 0.0000 1N. ZMRP 0.0000 1N. SCALE 0.0040

MACH 1.97

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

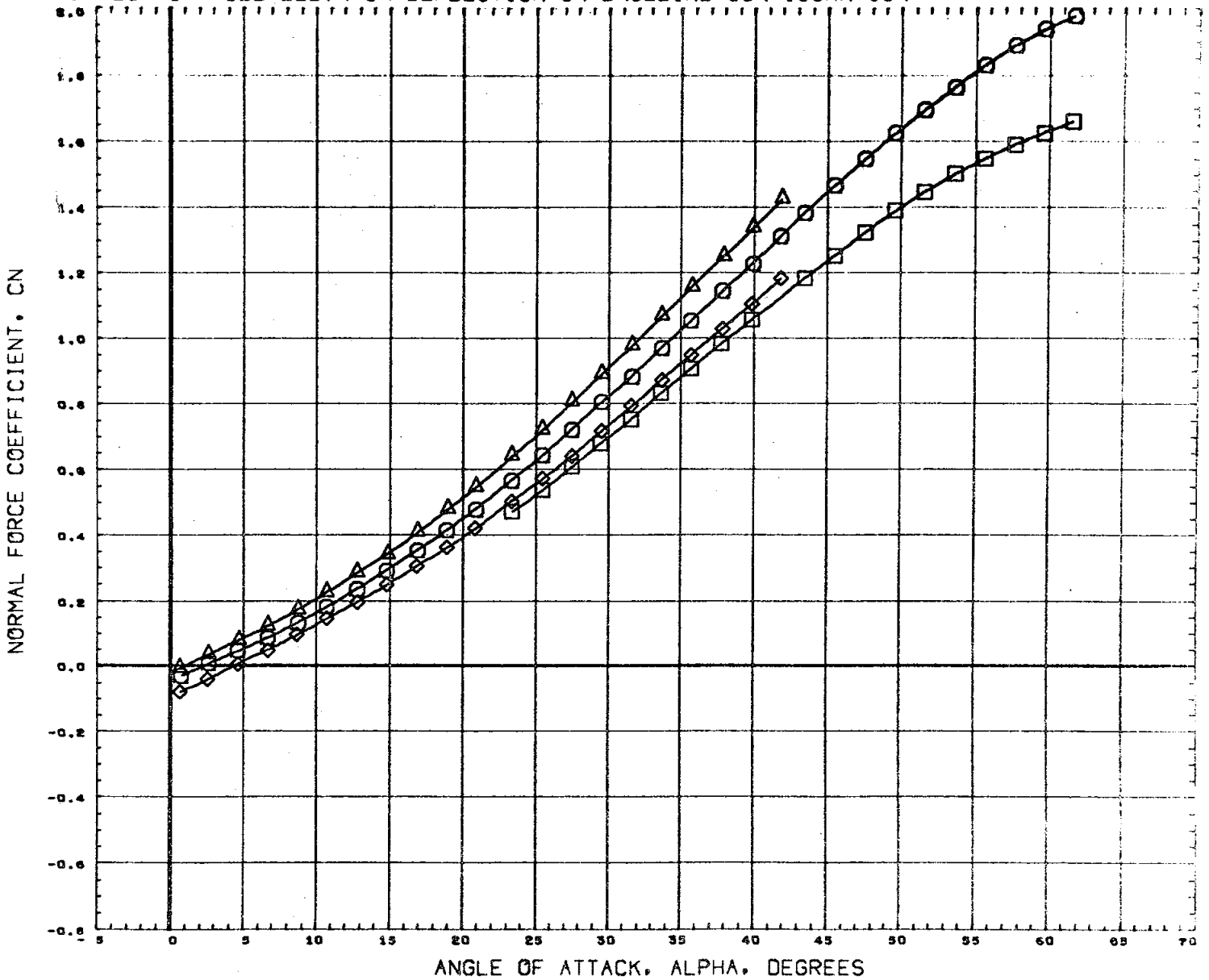


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

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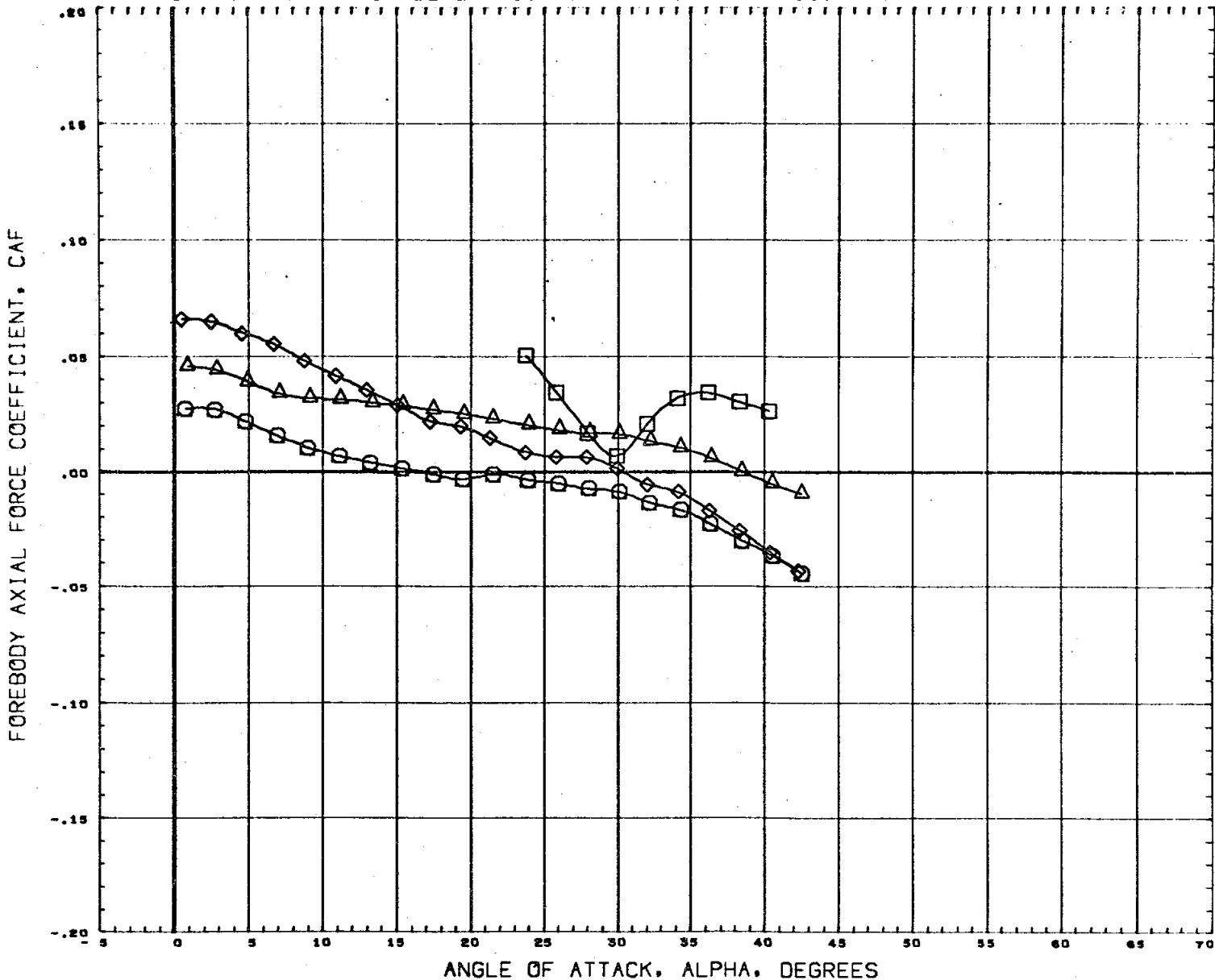
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4550 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

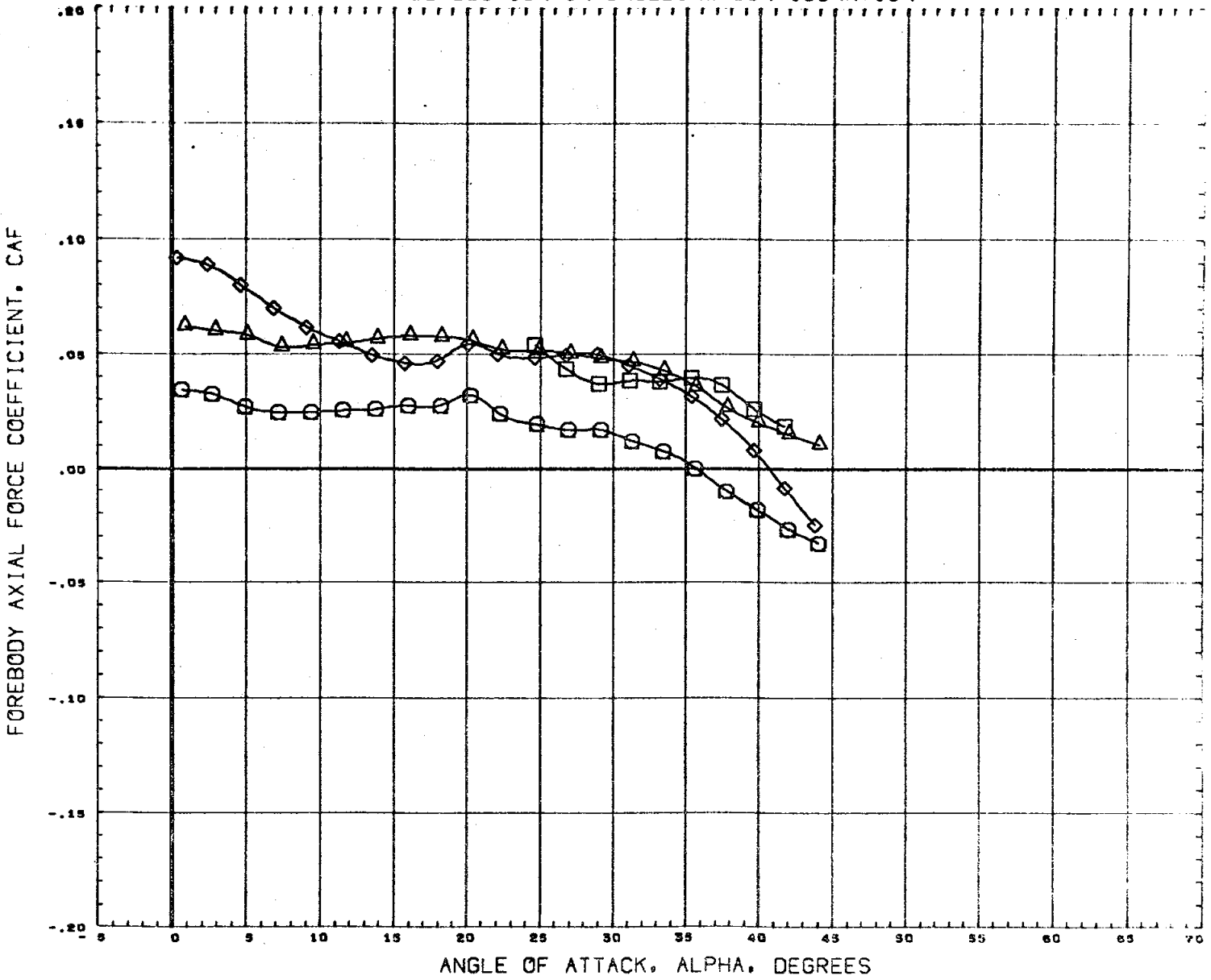
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R2)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R2)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH

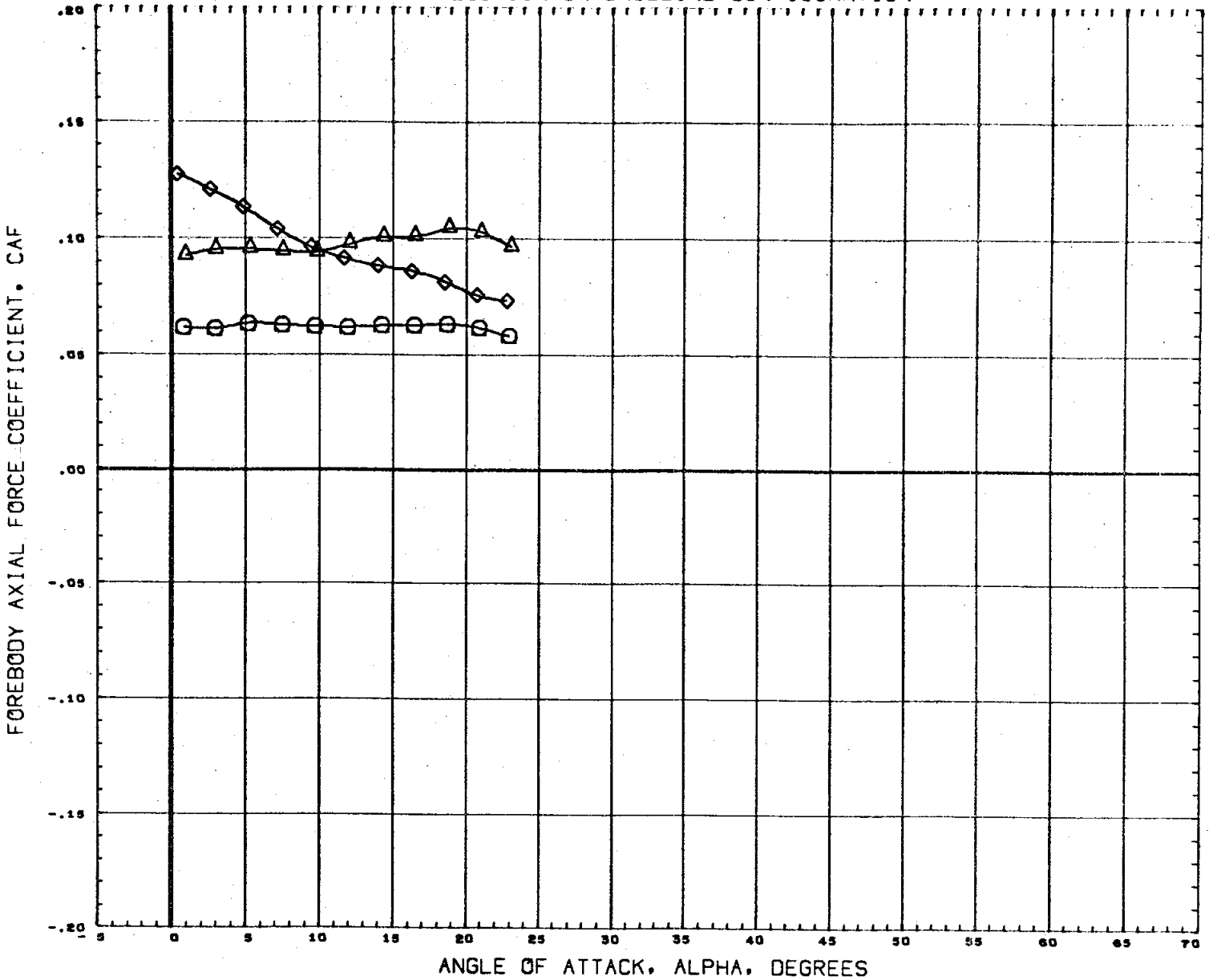
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PAGE

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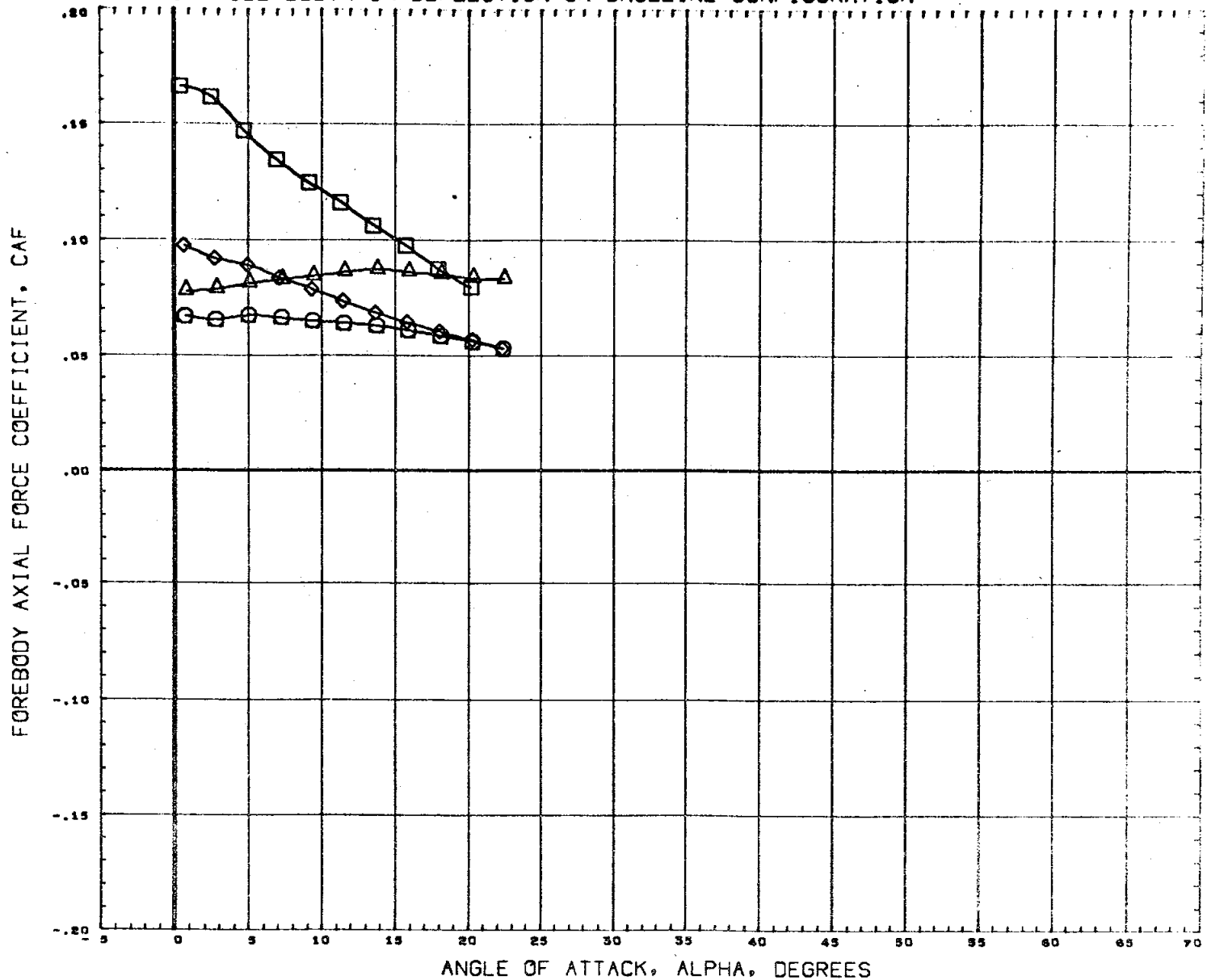
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4550 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

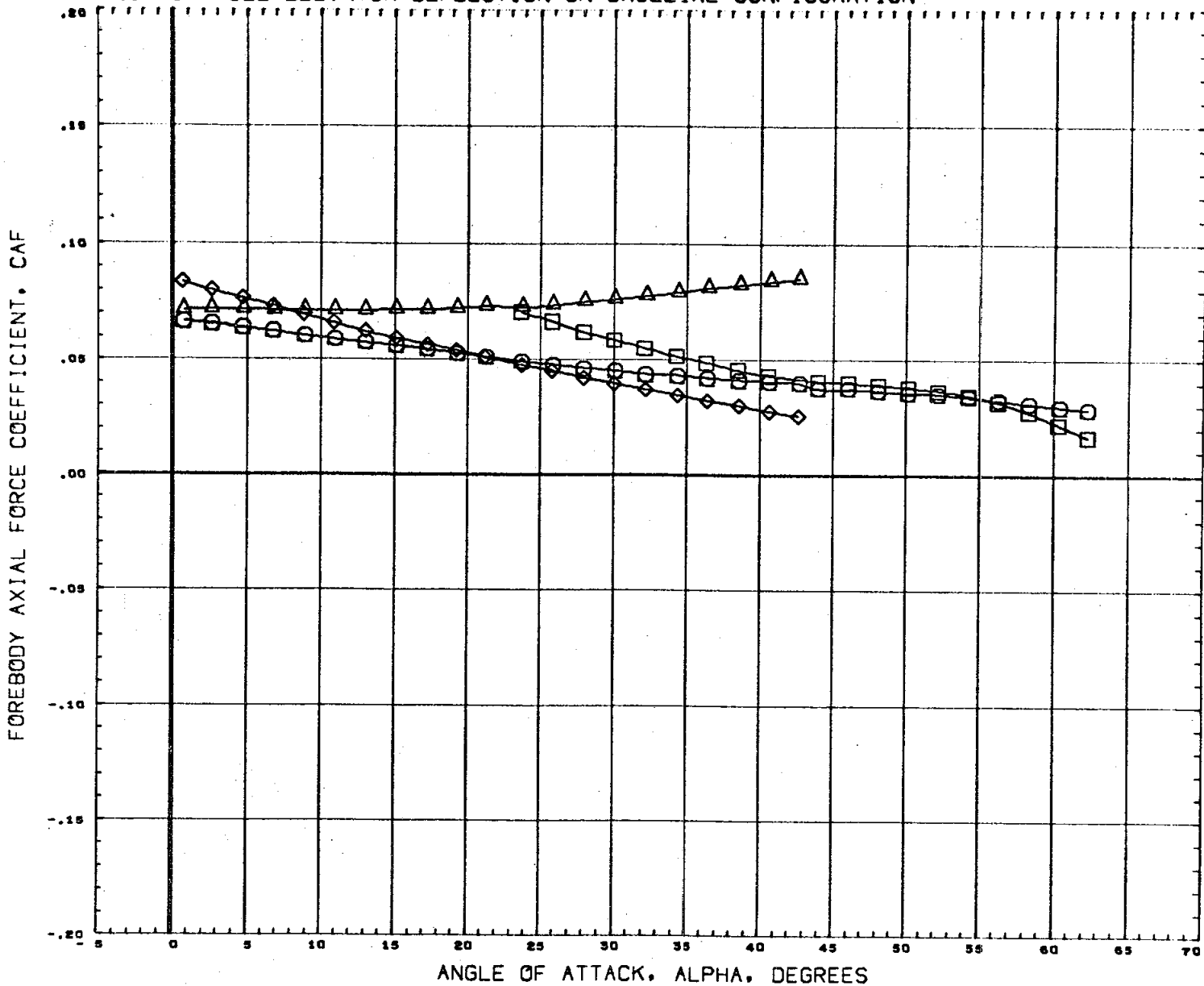
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4195 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.97

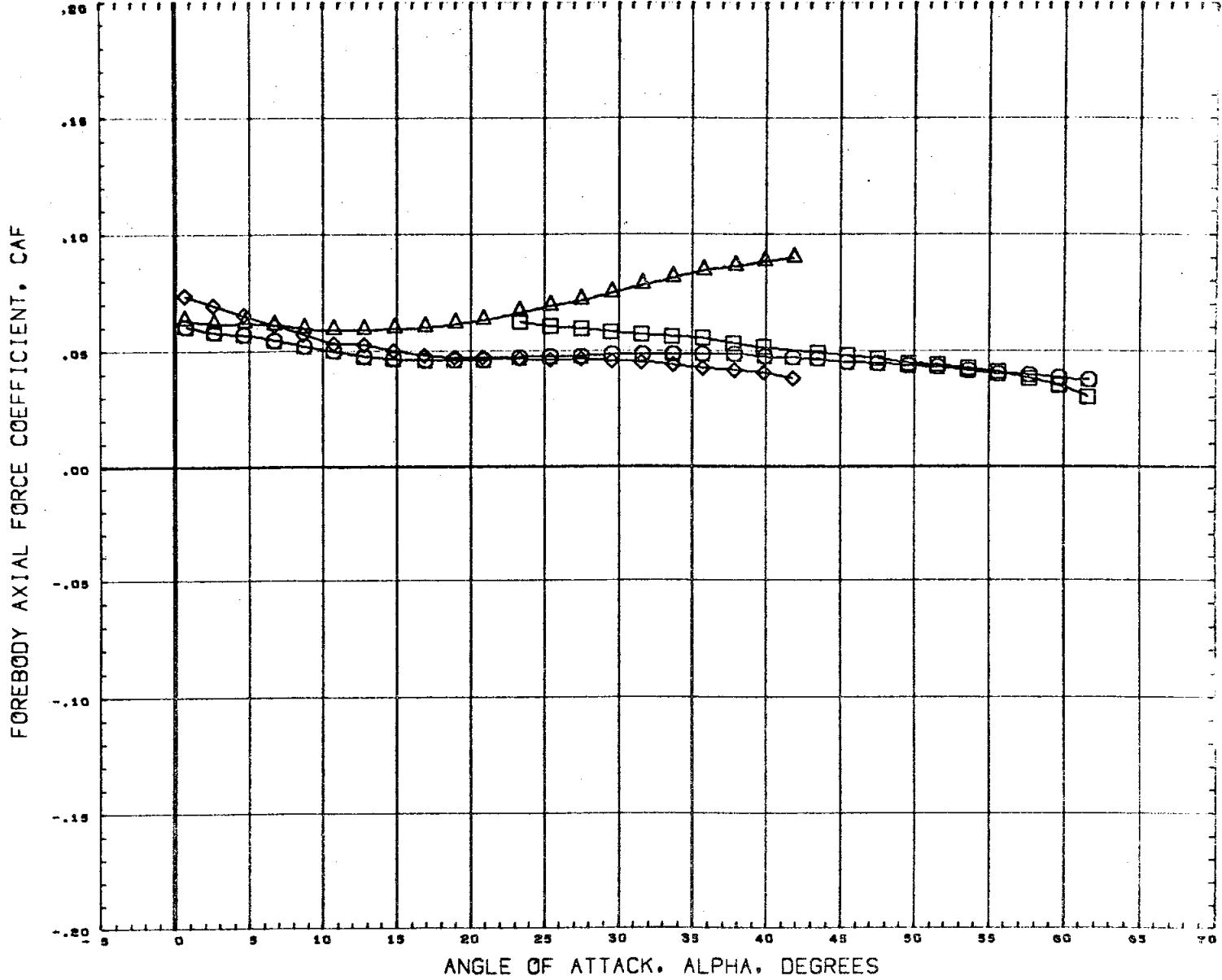
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ.IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

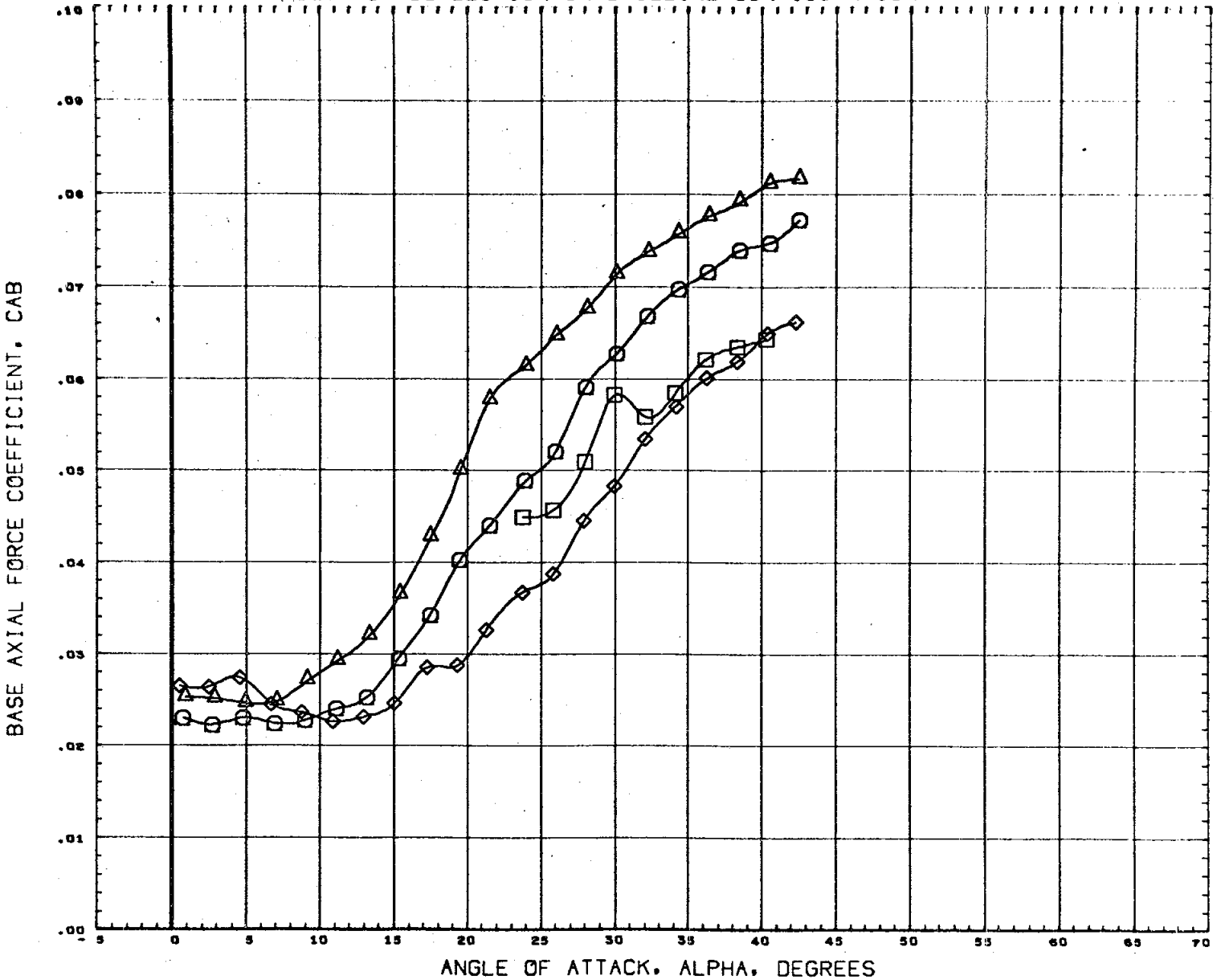
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

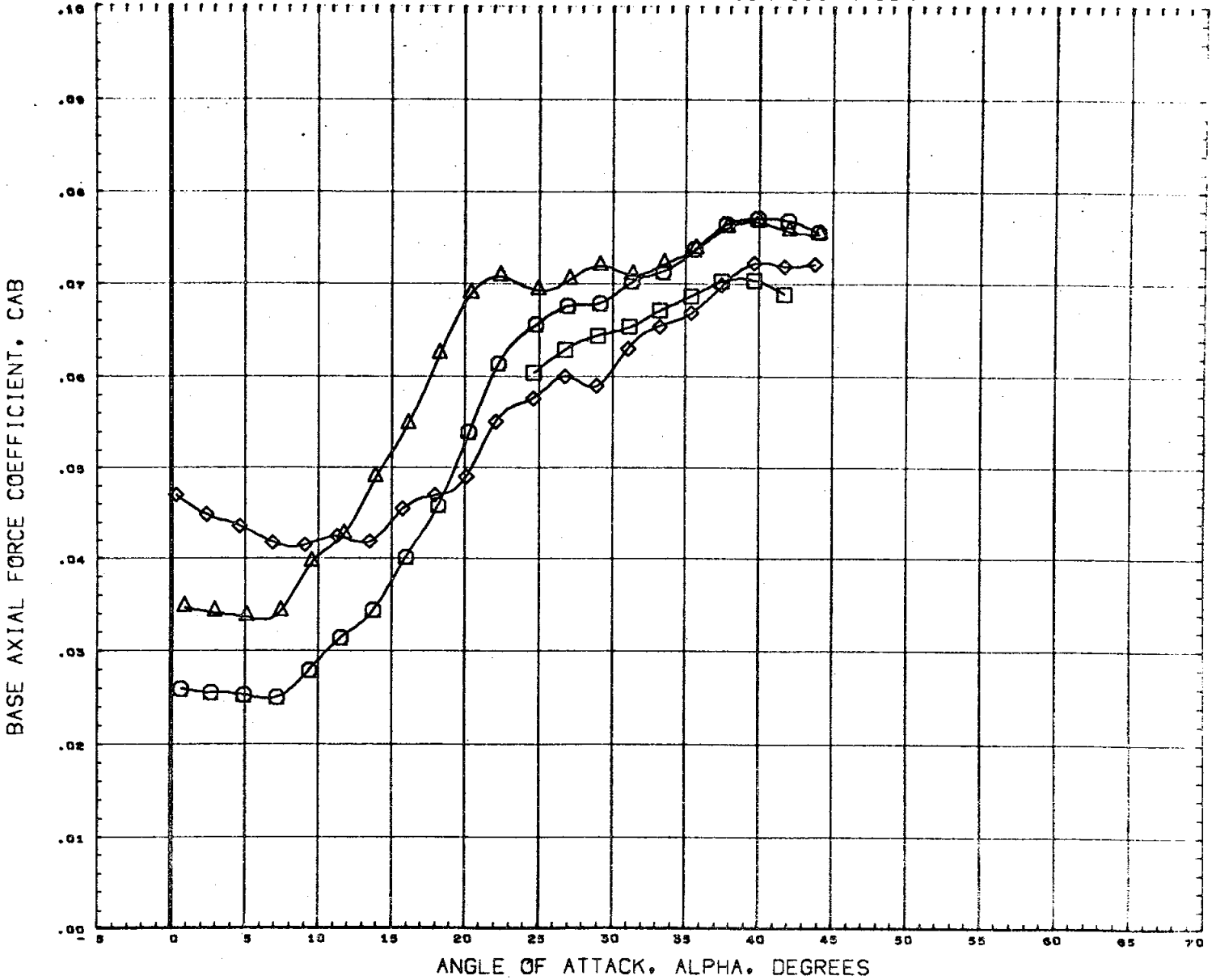
MACH 4.96

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

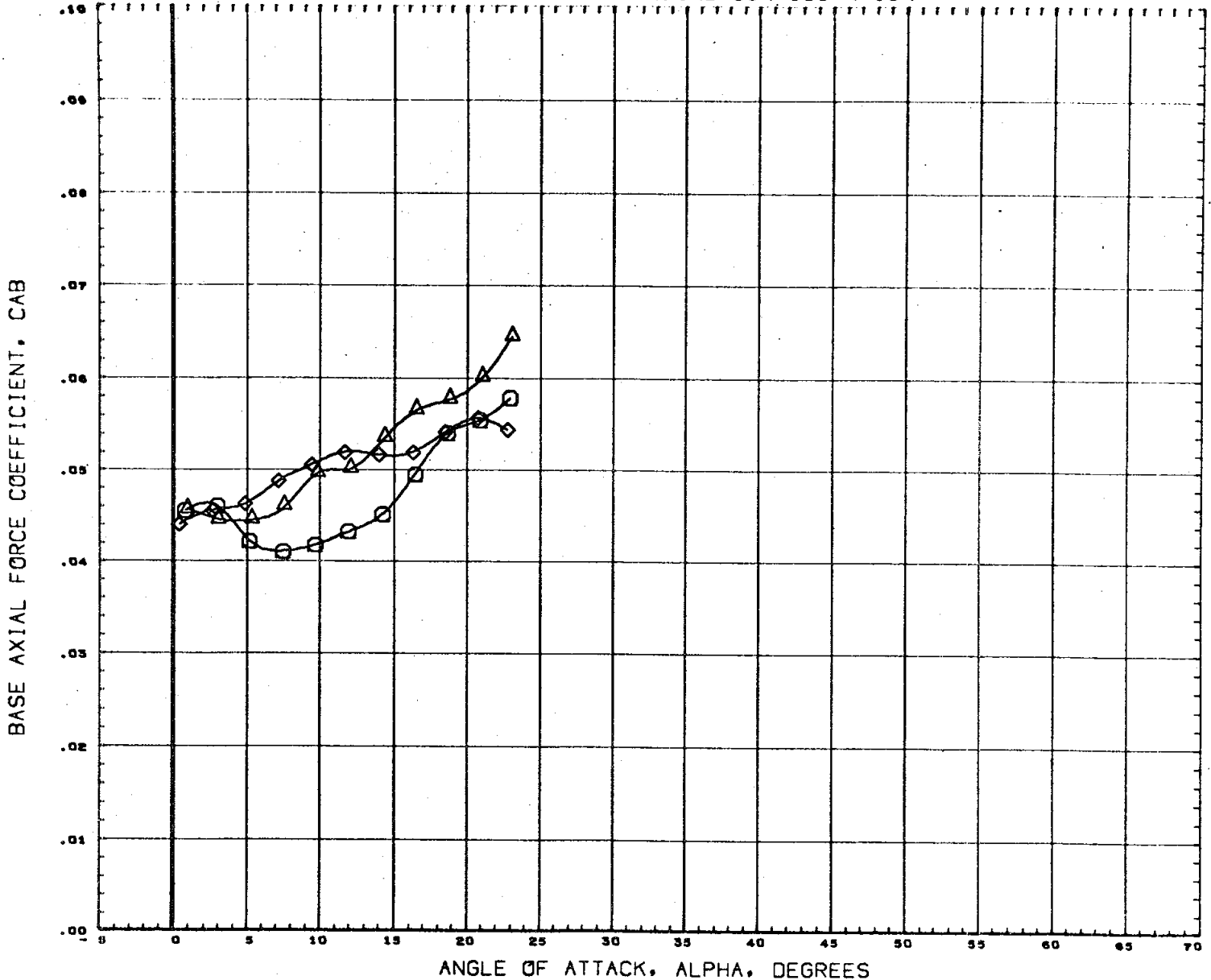
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V2K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 53.1N.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

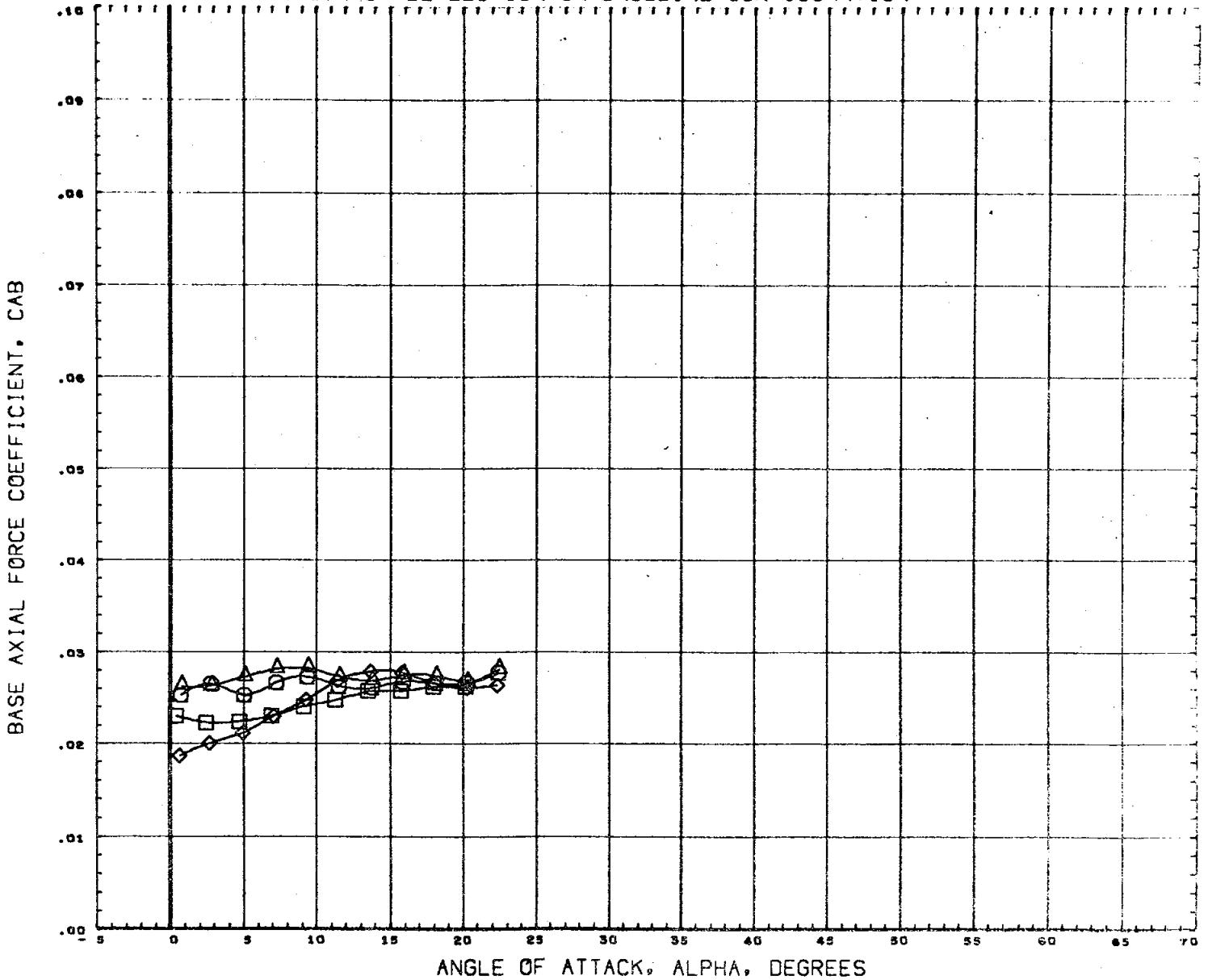
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



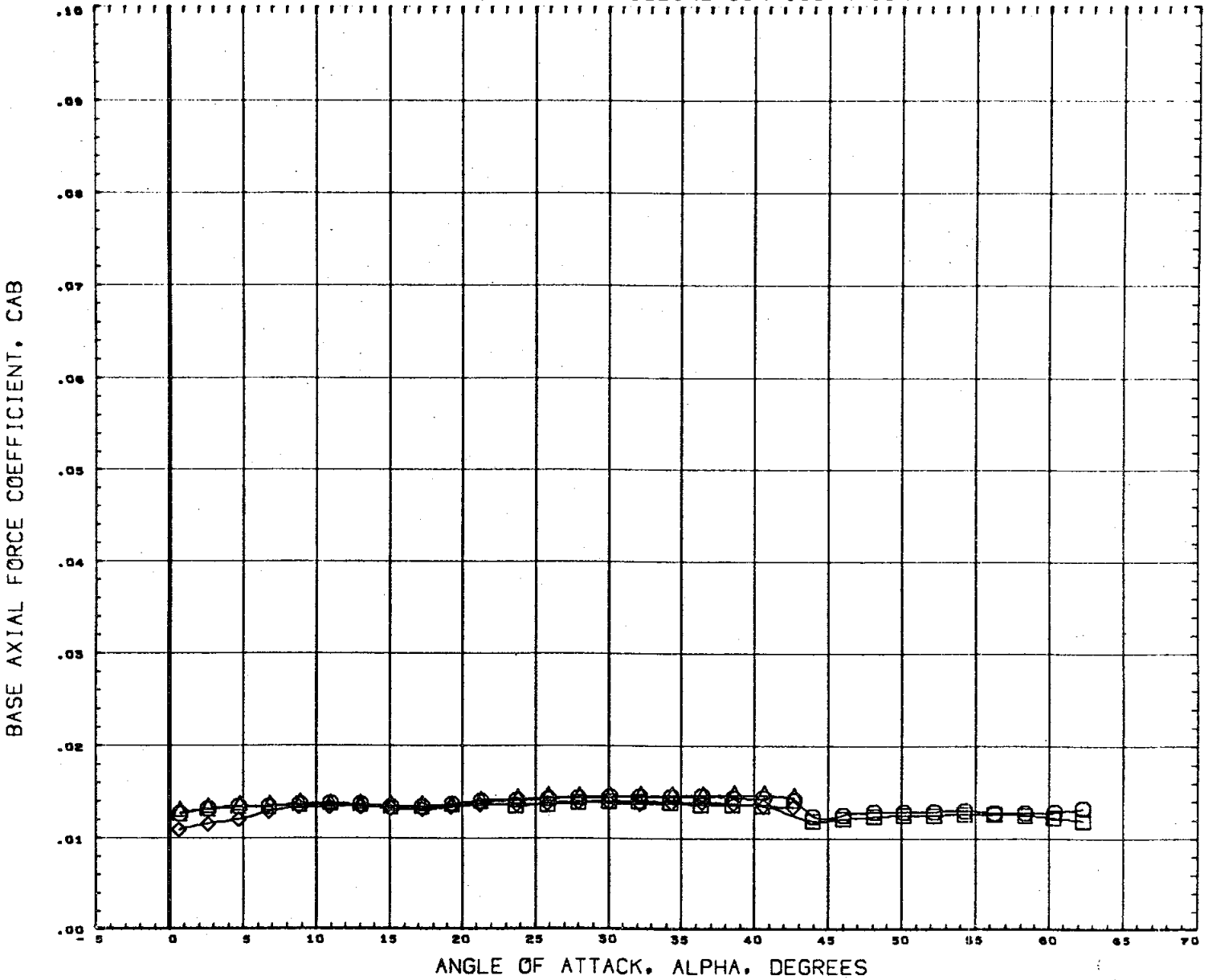
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.97

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# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

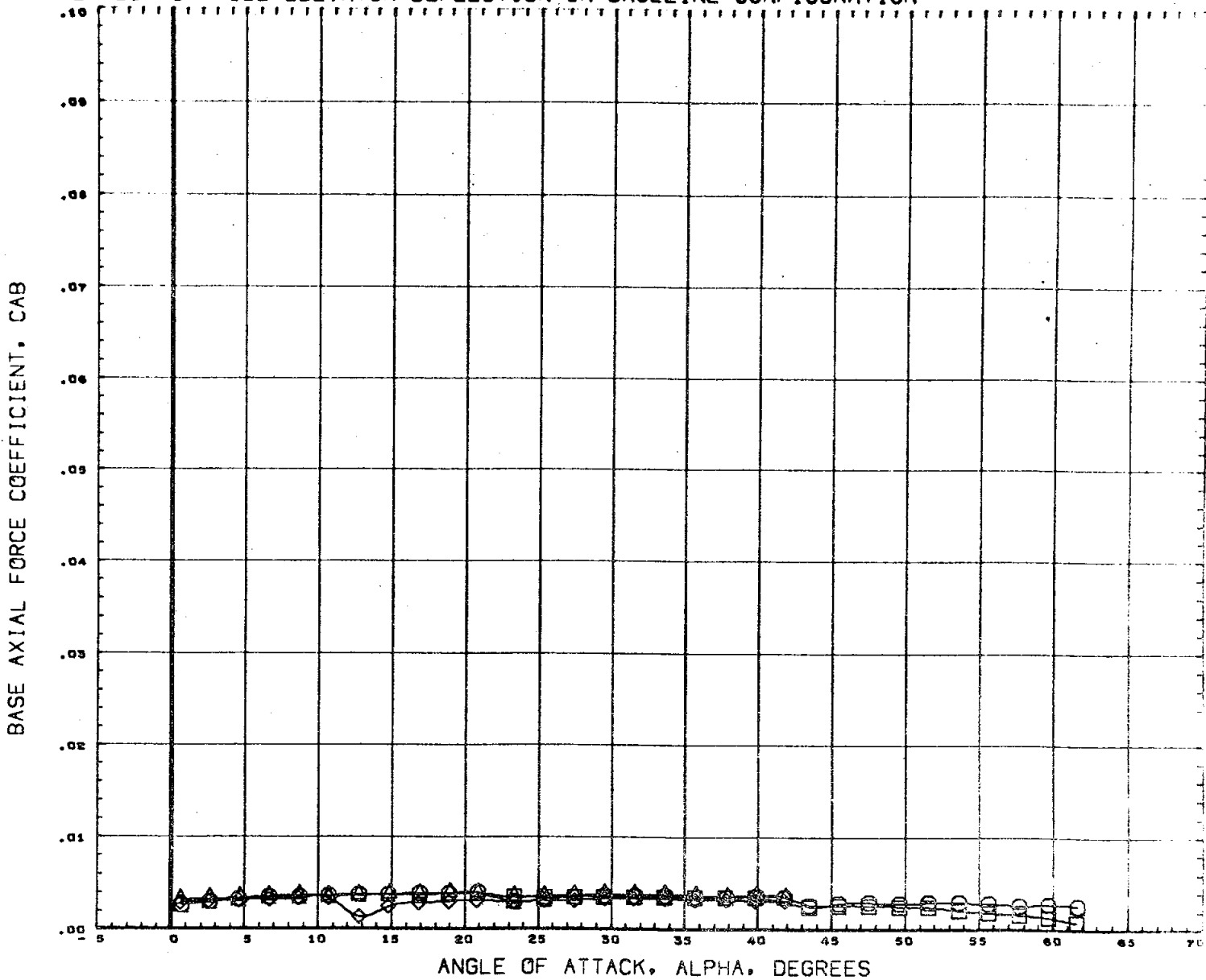


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

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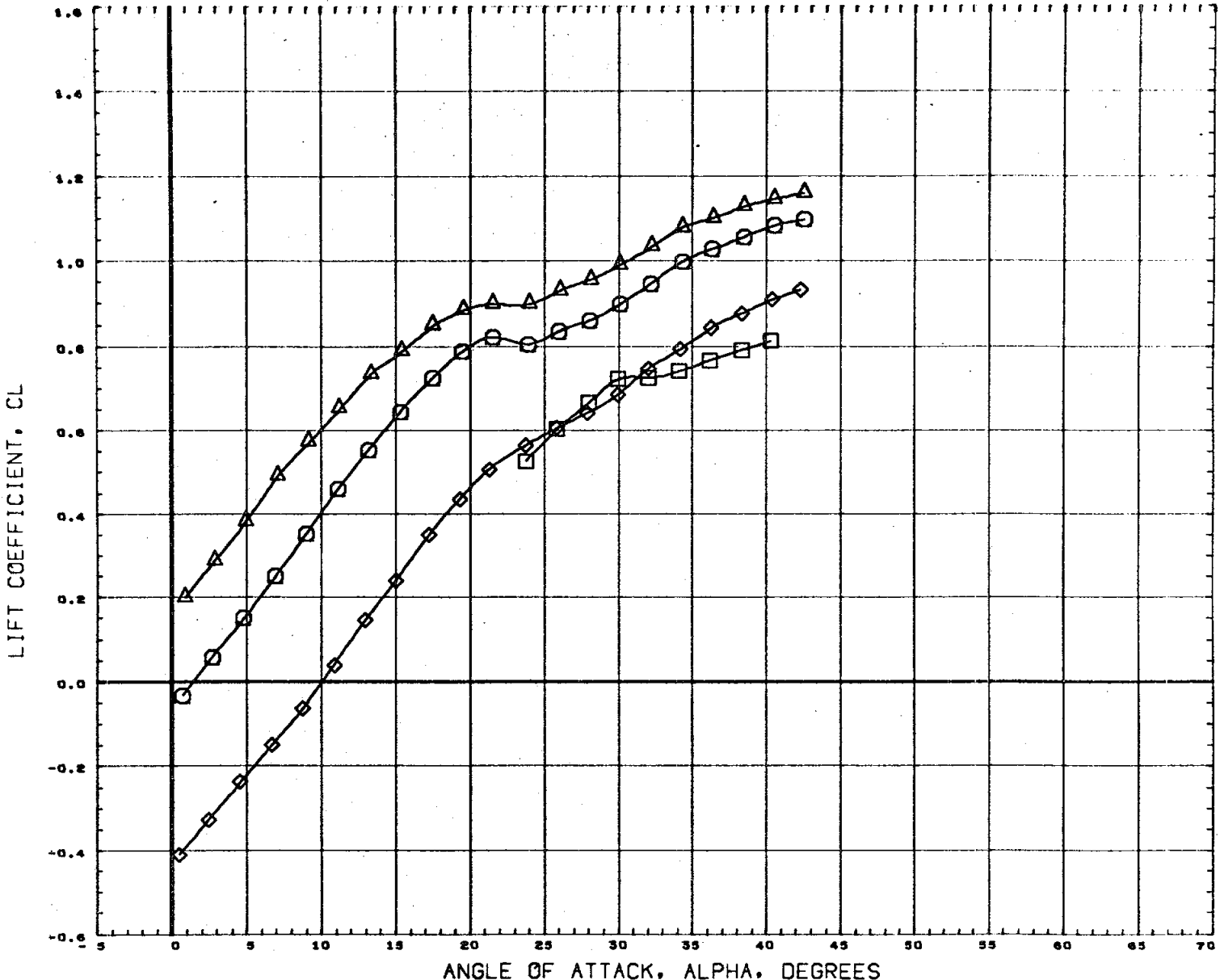
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76S05)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76S09)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF	2.1020 IN.
(C76S11)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF	4.0300 IN.
(C76S14)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 4.96

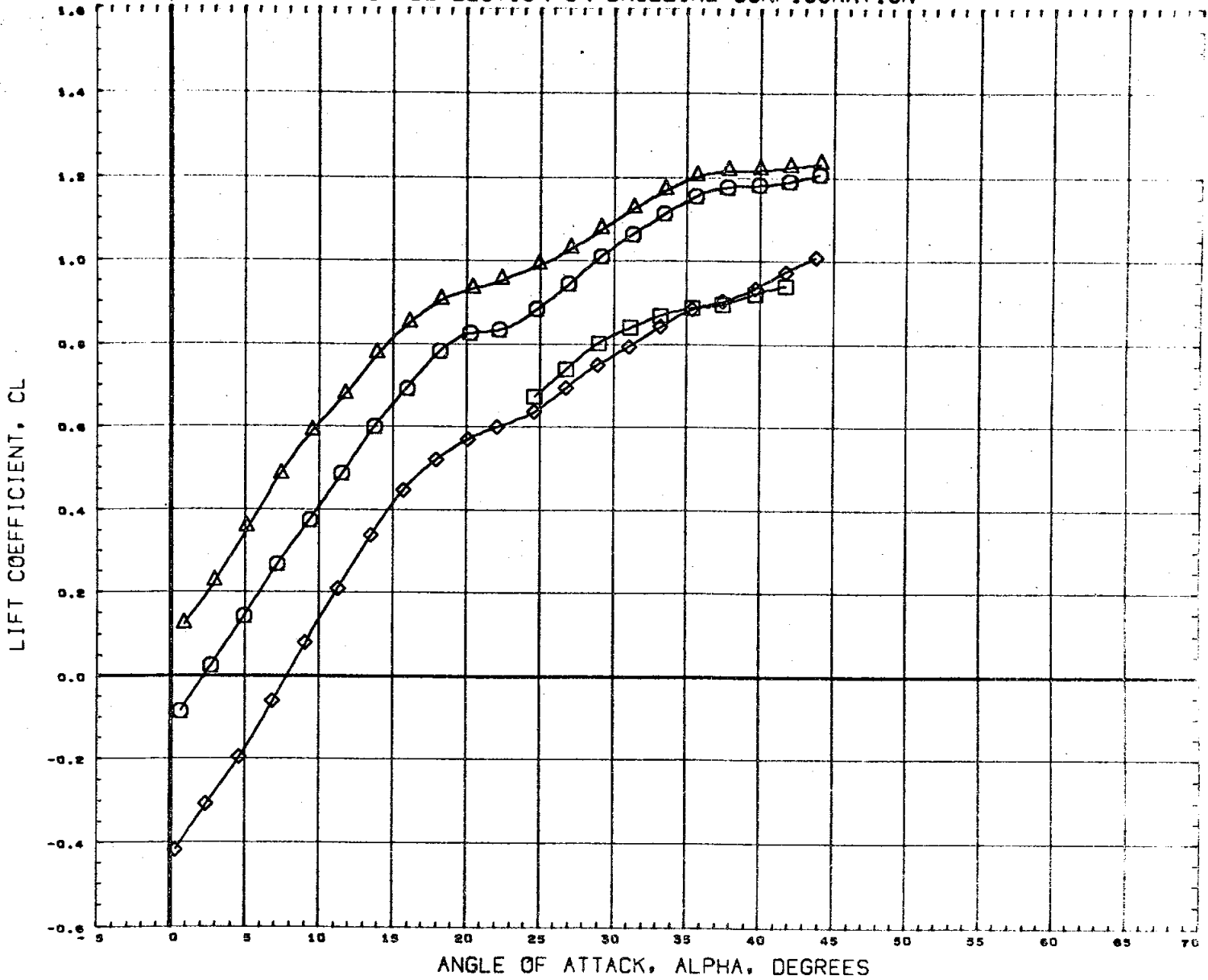
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4198 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

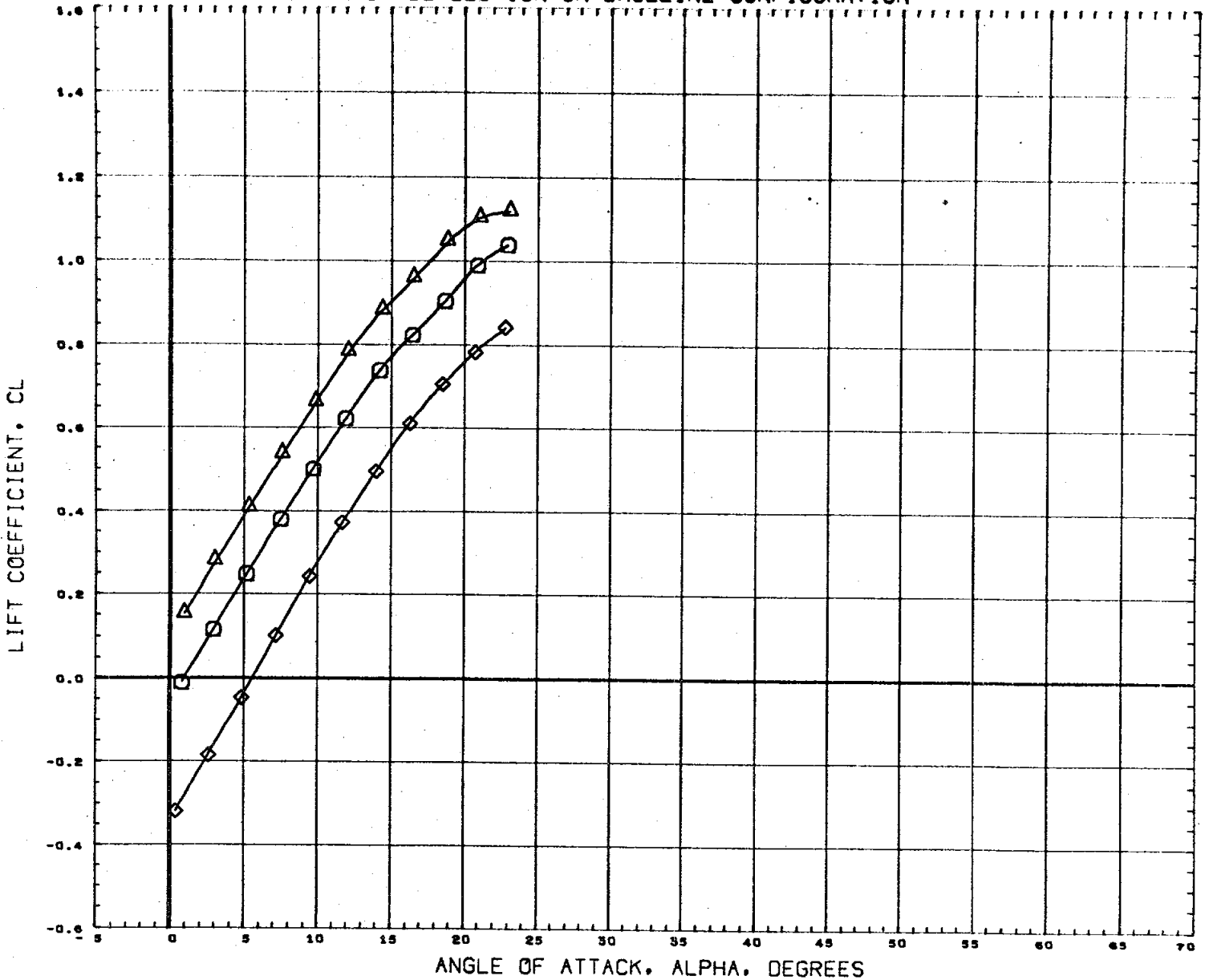
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76S08)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 32. IN.
(C76S09)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76S11)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76S14)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4550 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

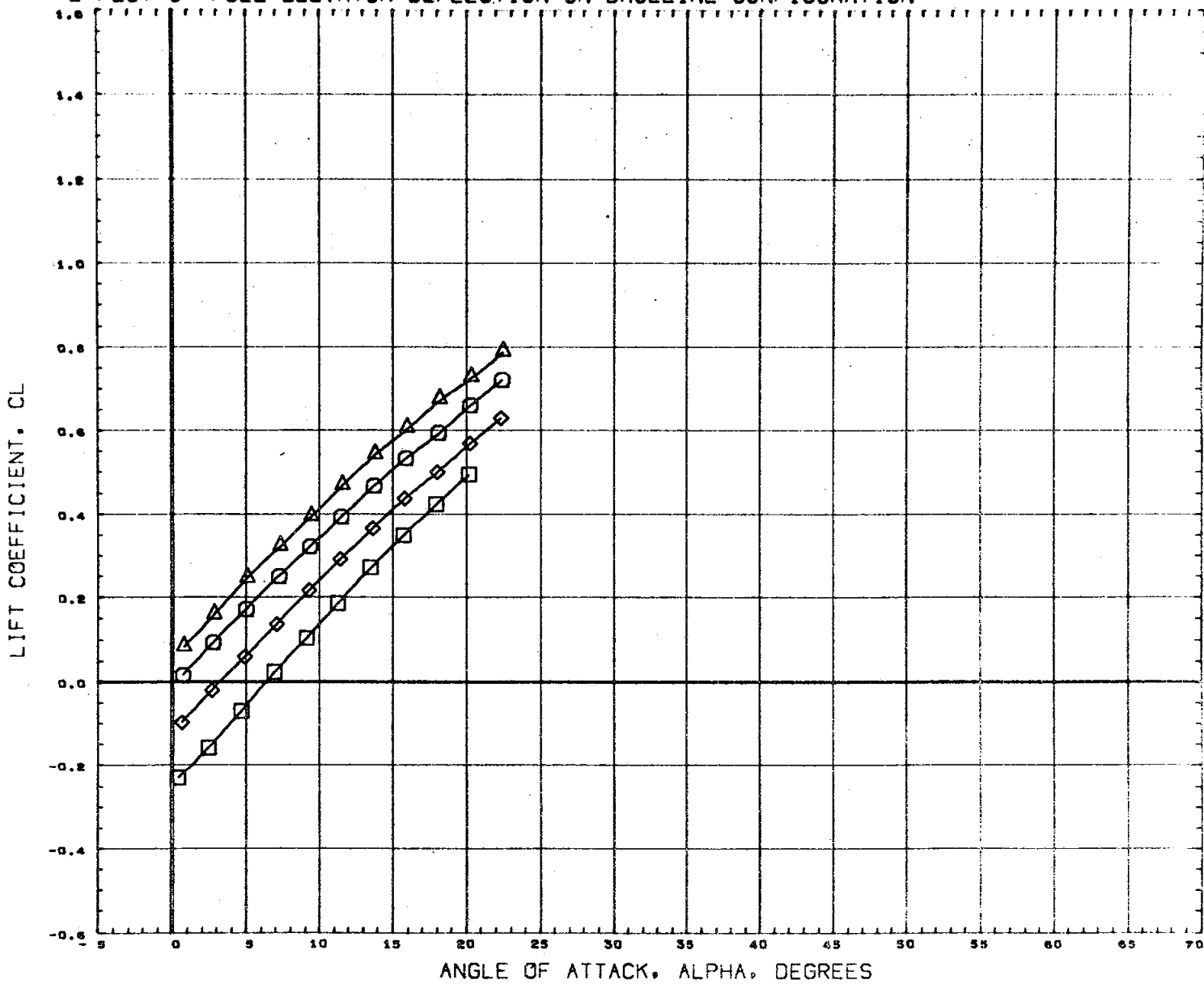
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 30. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76911)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76914)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

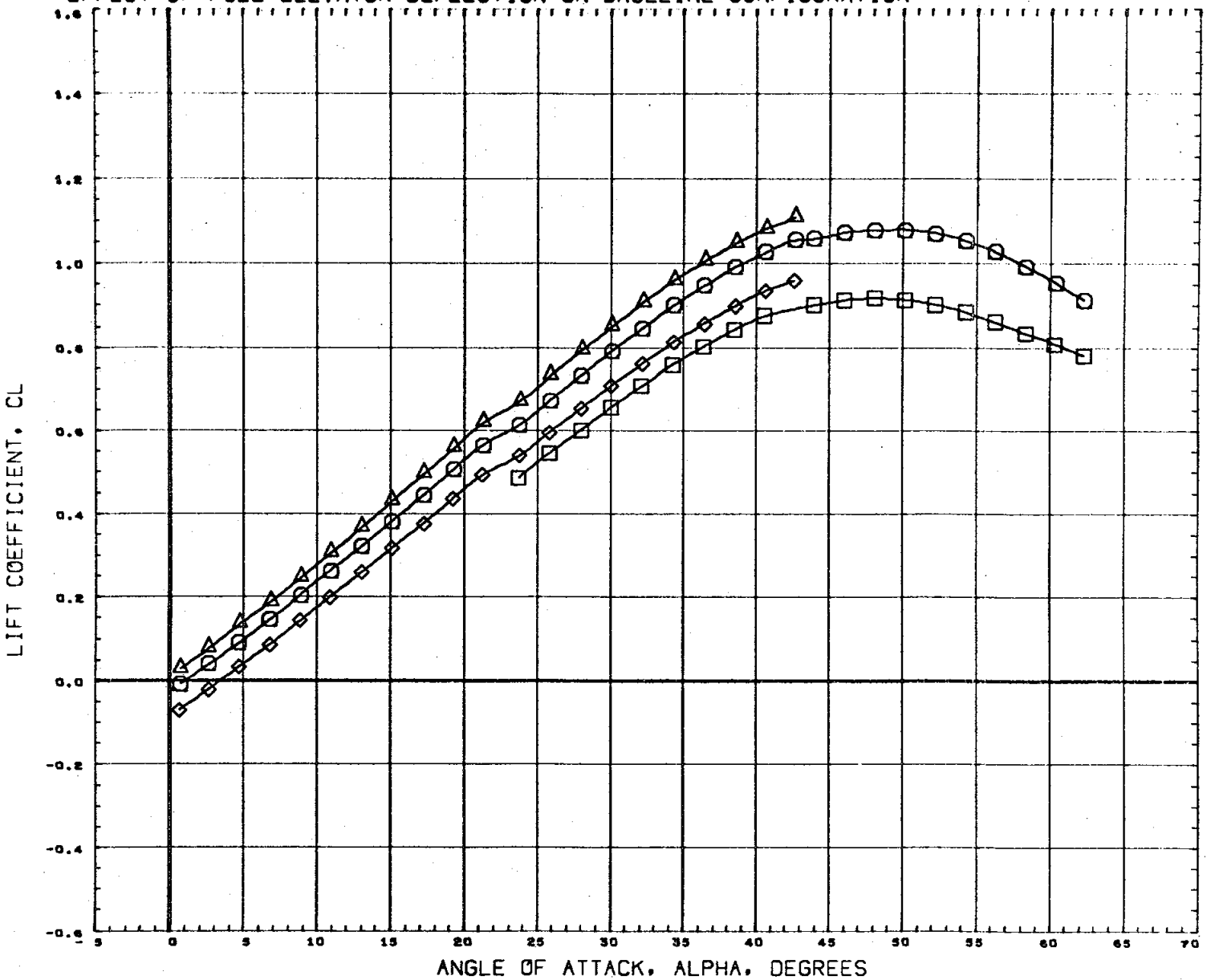
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF	2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF	4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP	3.4530 IN.
						YMRP	0.0000 IN.
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MACH 1.97

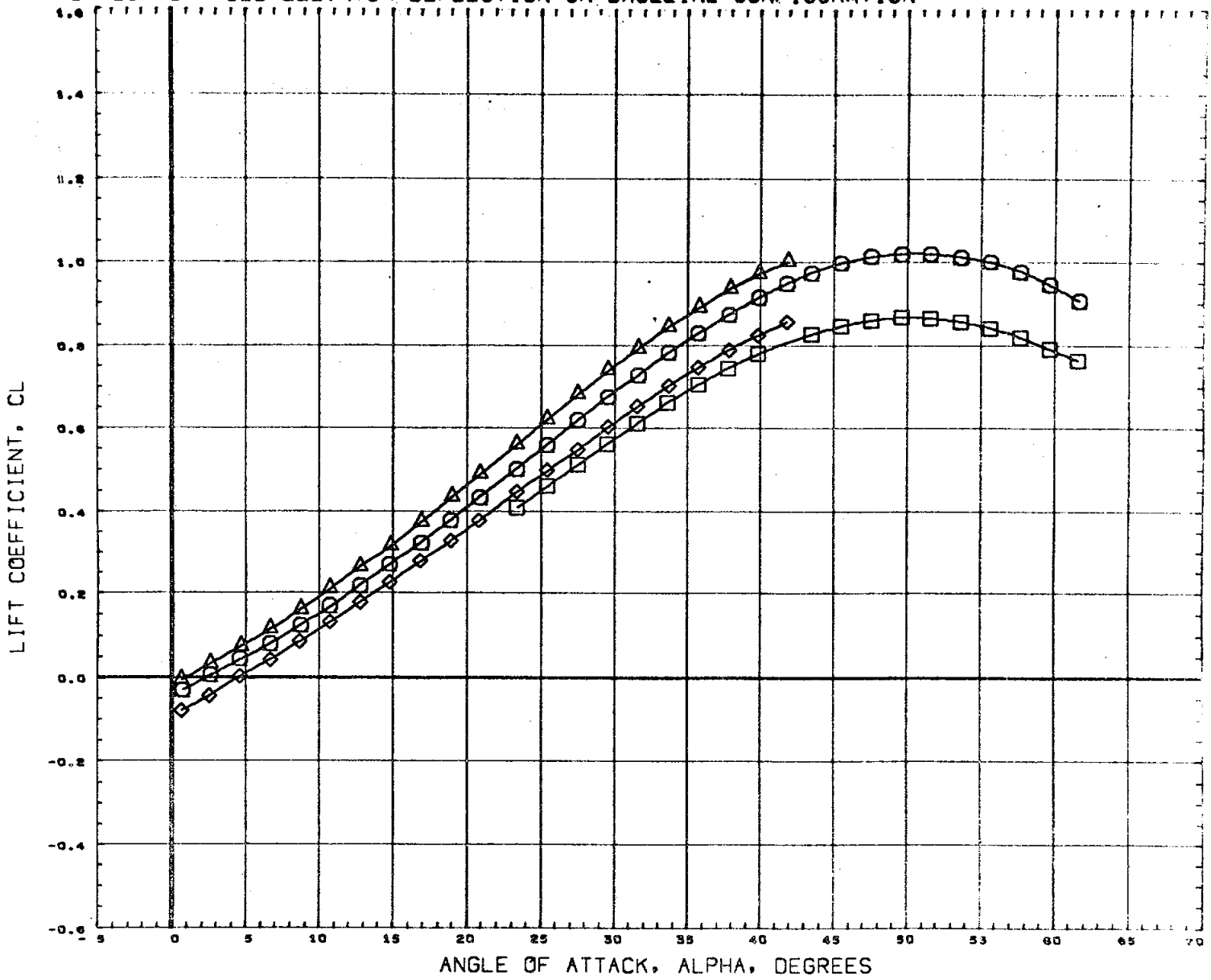
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

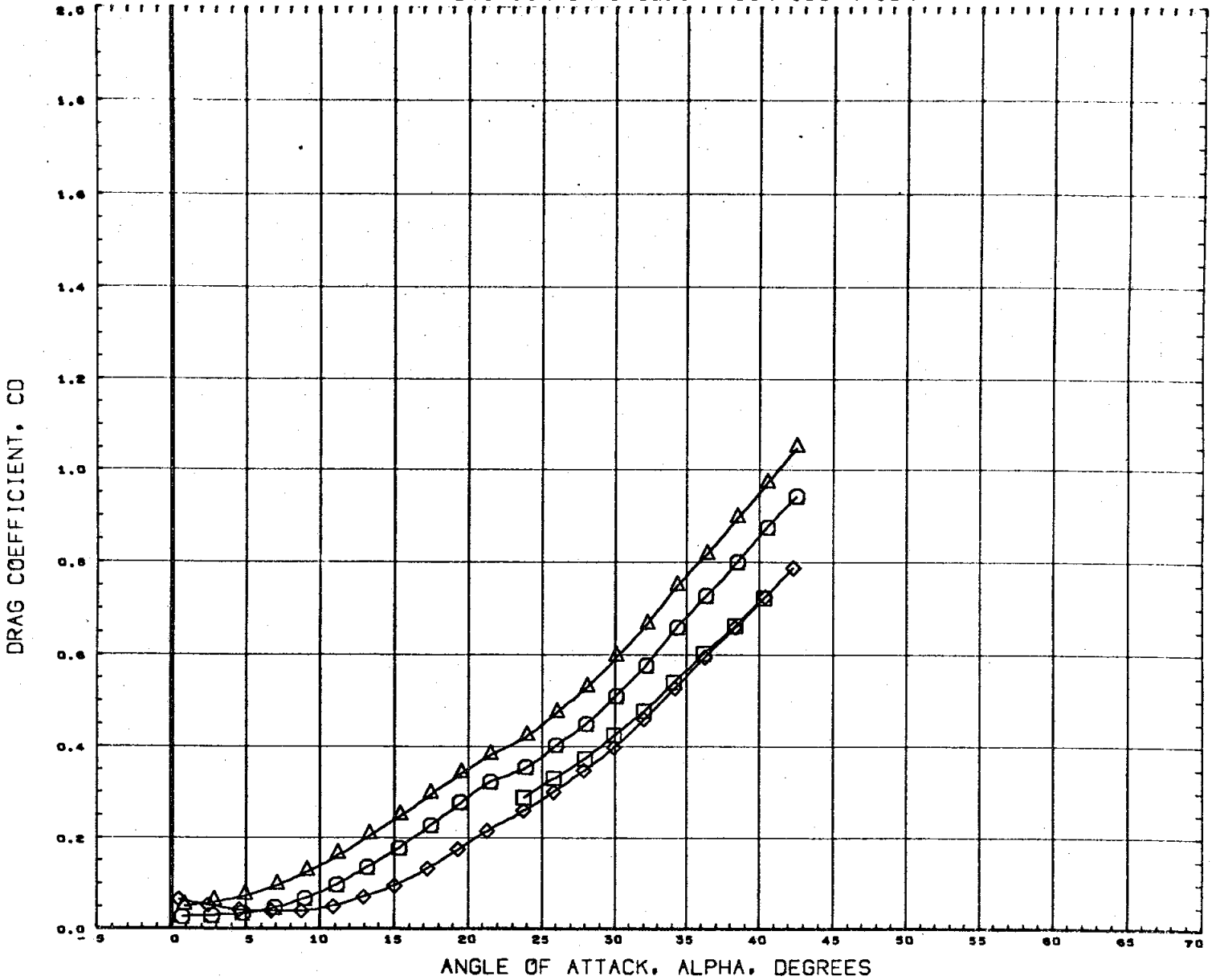


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1000 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XHRP 3.4550 IN. YHRP 0.0000 IN. ZHRP 0.0000 IN. SCALE 0.0040

MACH 4.96



# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

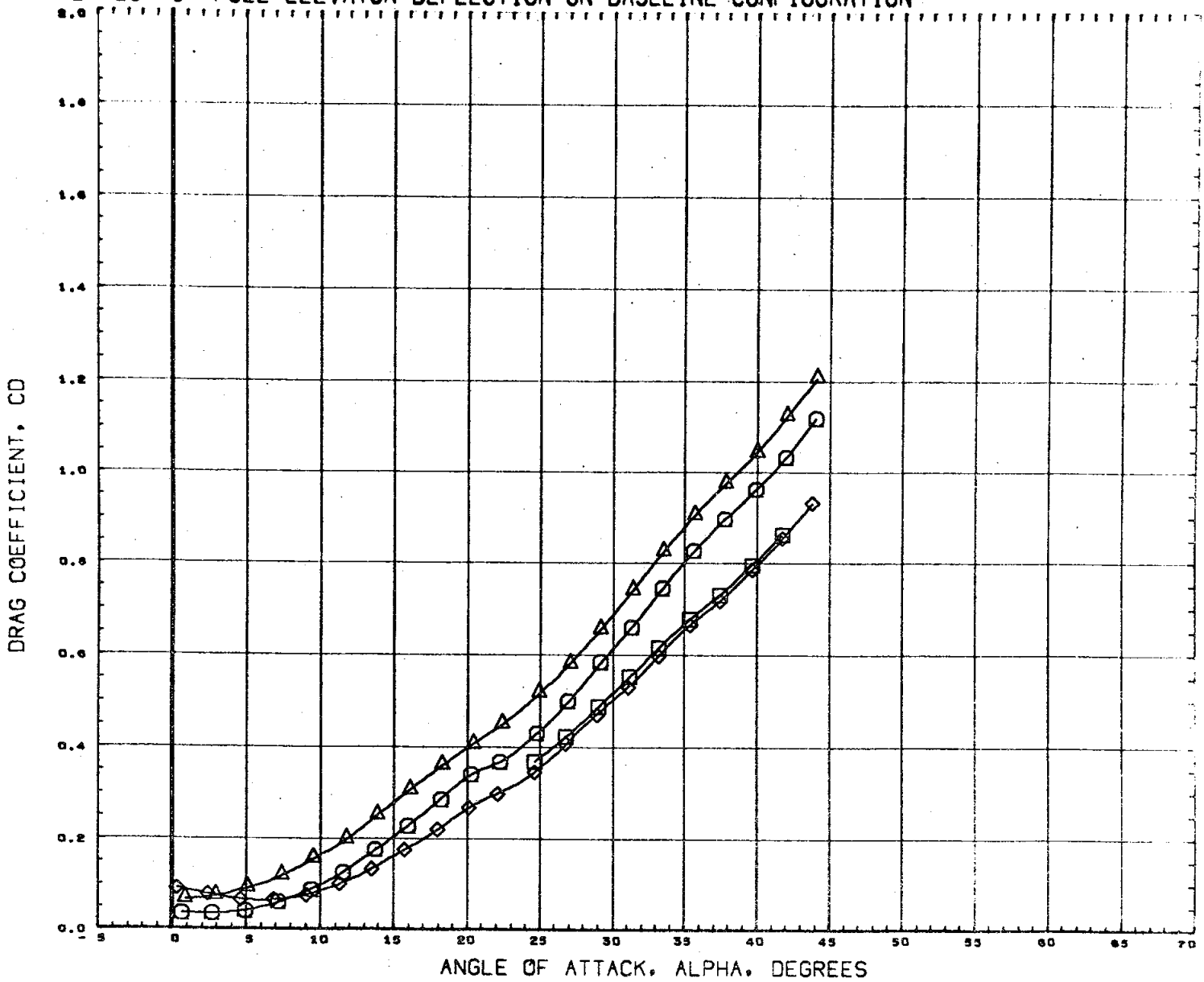


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUOFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

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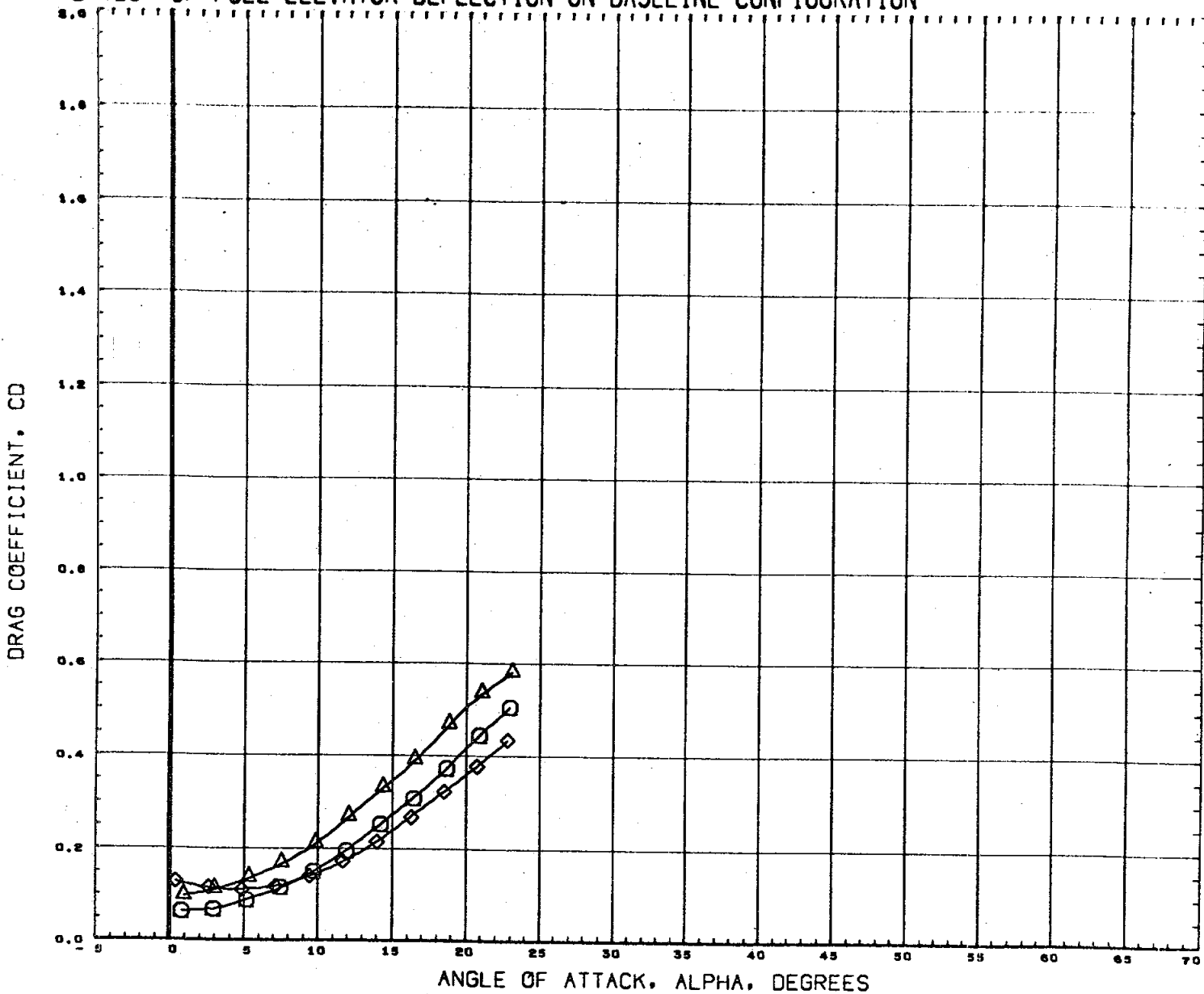
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76S08)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S09)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76S11)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76S14)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

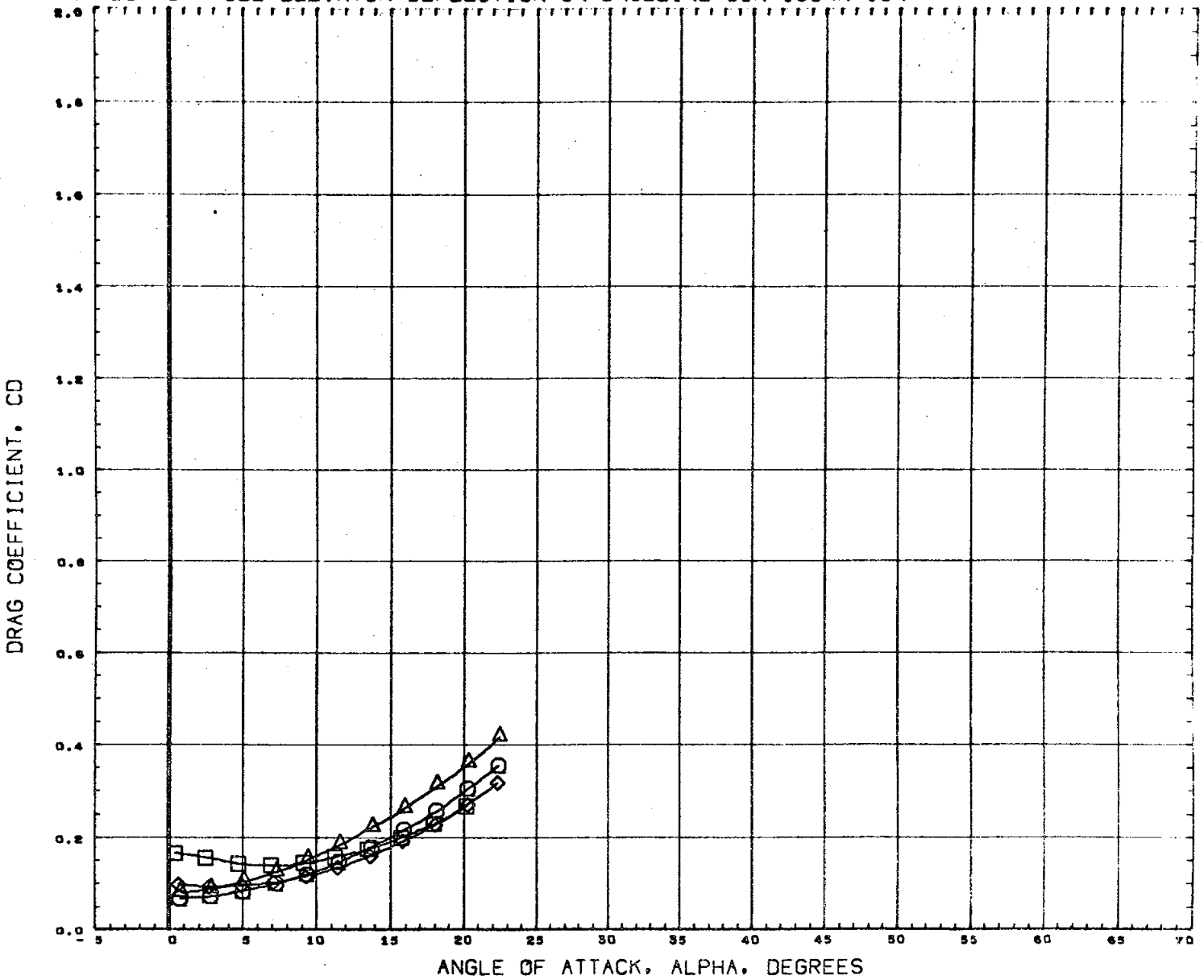
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

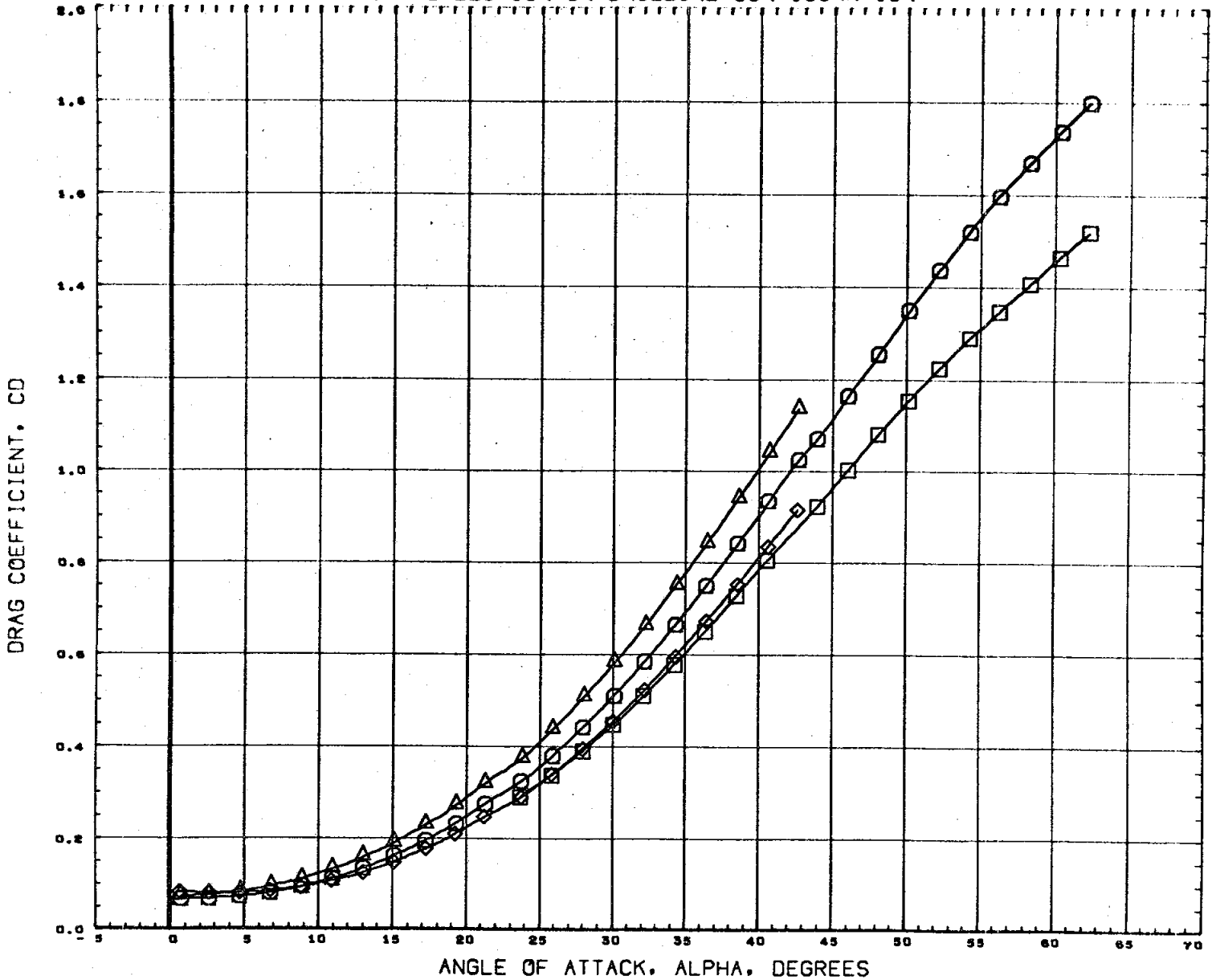
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76508)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.97

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

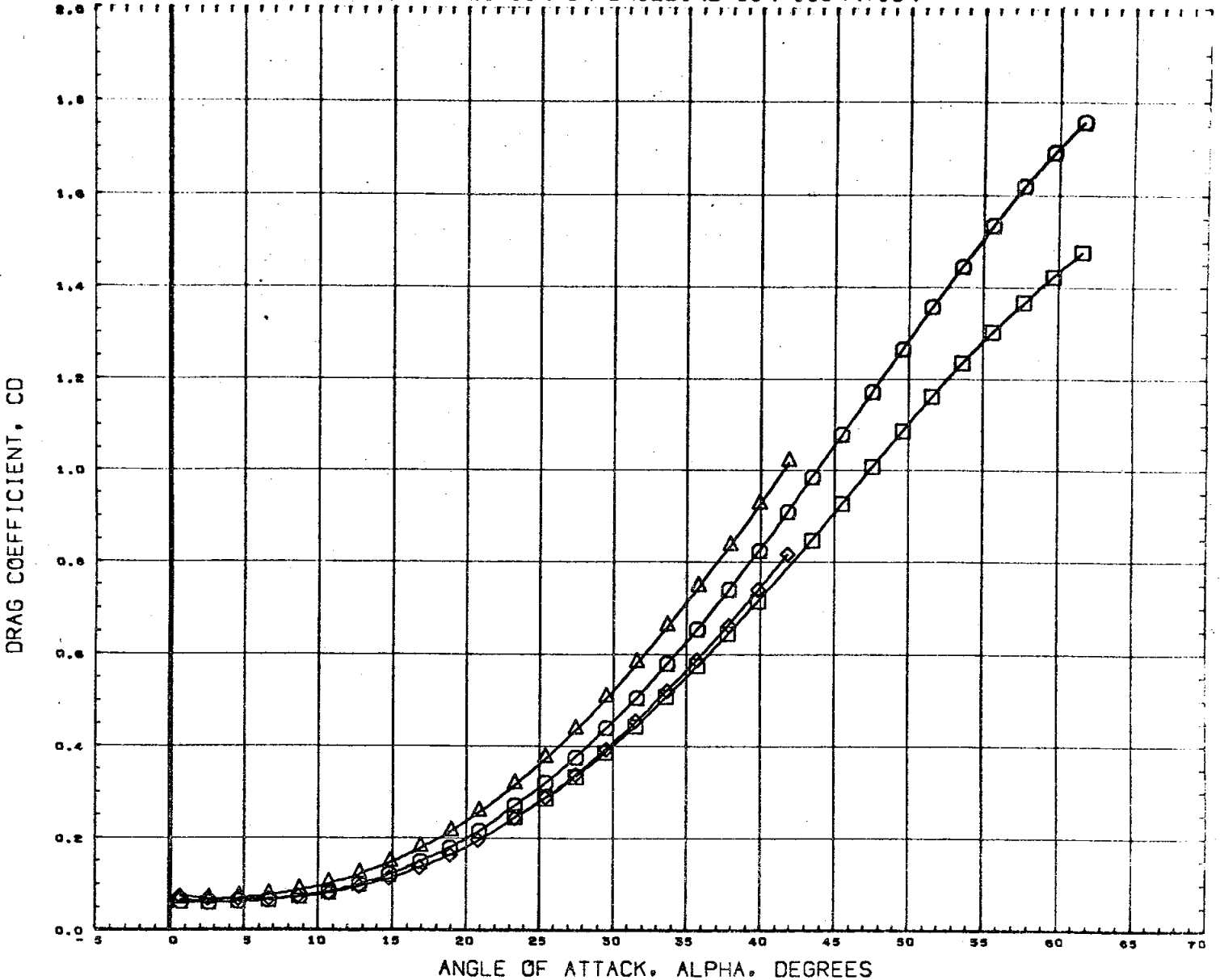


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XHRP 3.4530 IN. YHRP 0.0000 IN. ZHRP 0.0000 IN. SCALE 0.0040

MACH 2.99

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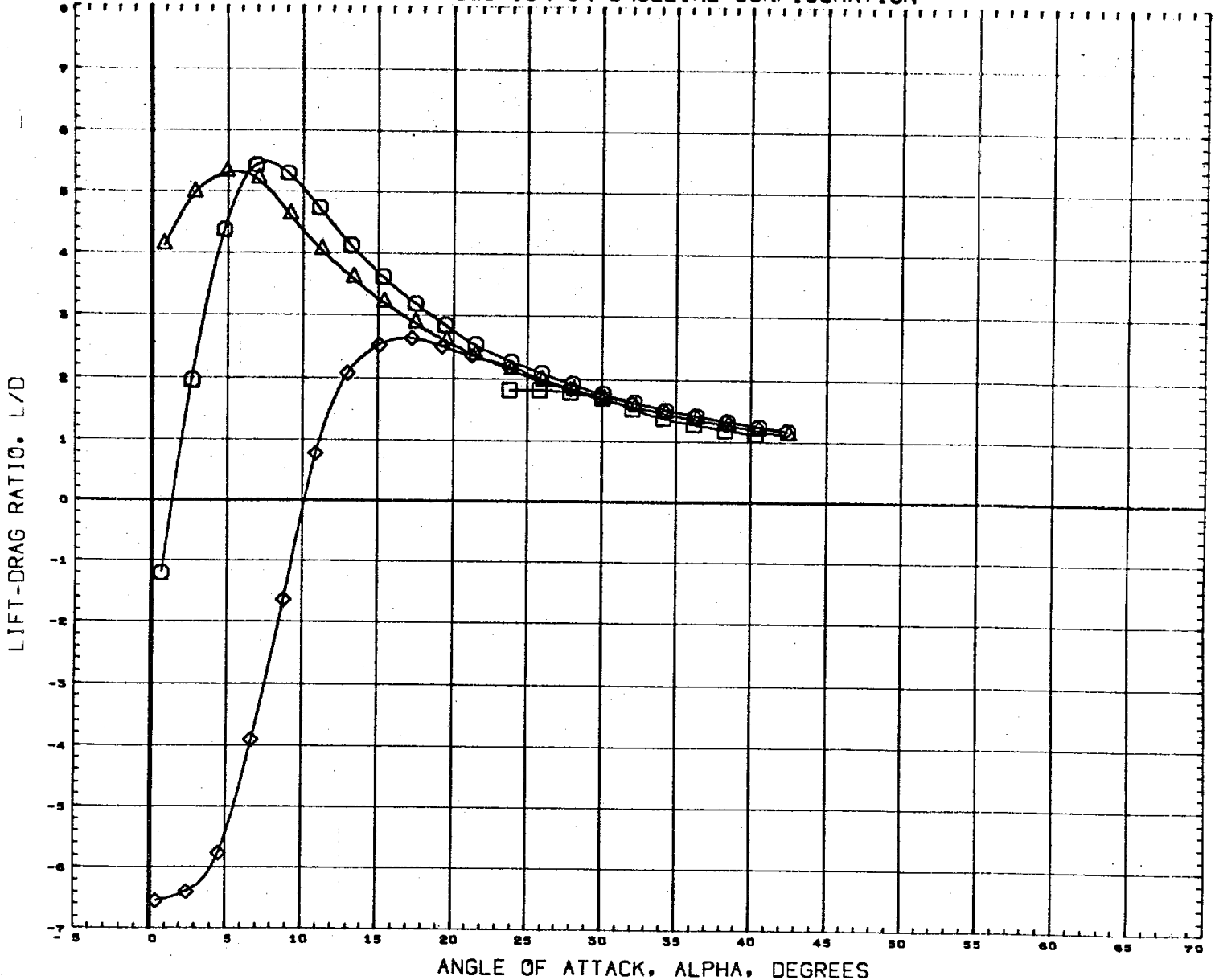
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

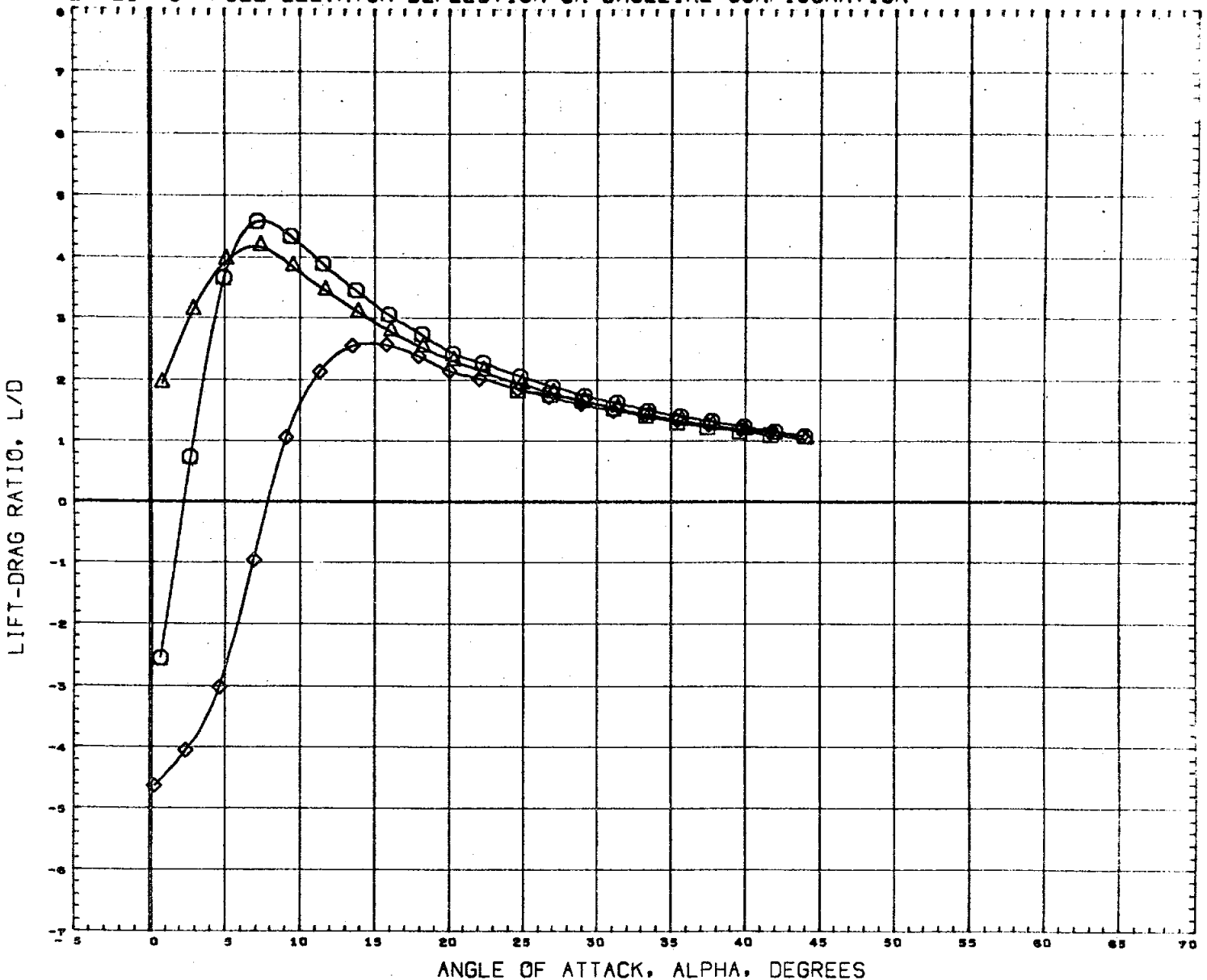
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

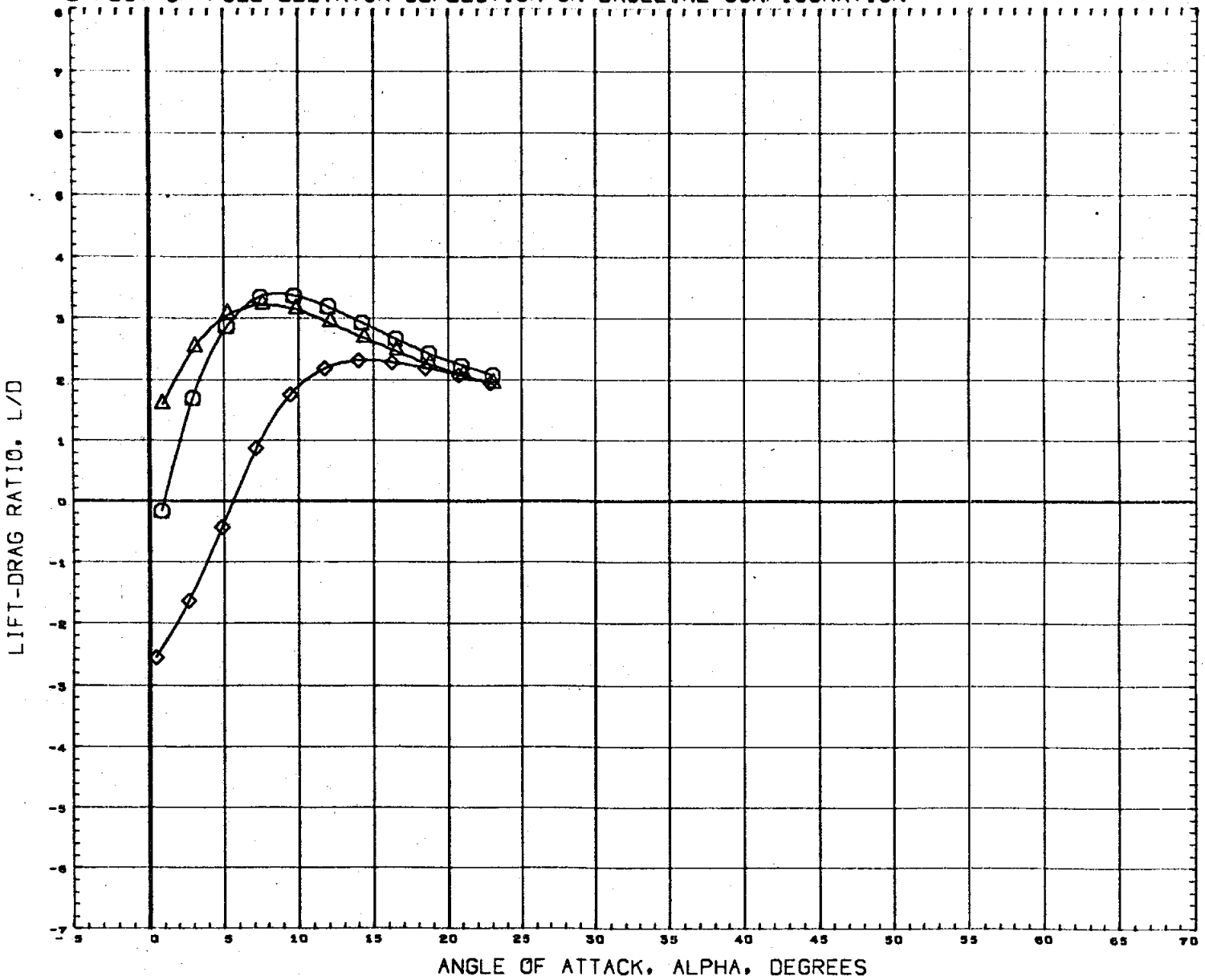


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76S11)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76S14)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.00/0

MACH .90



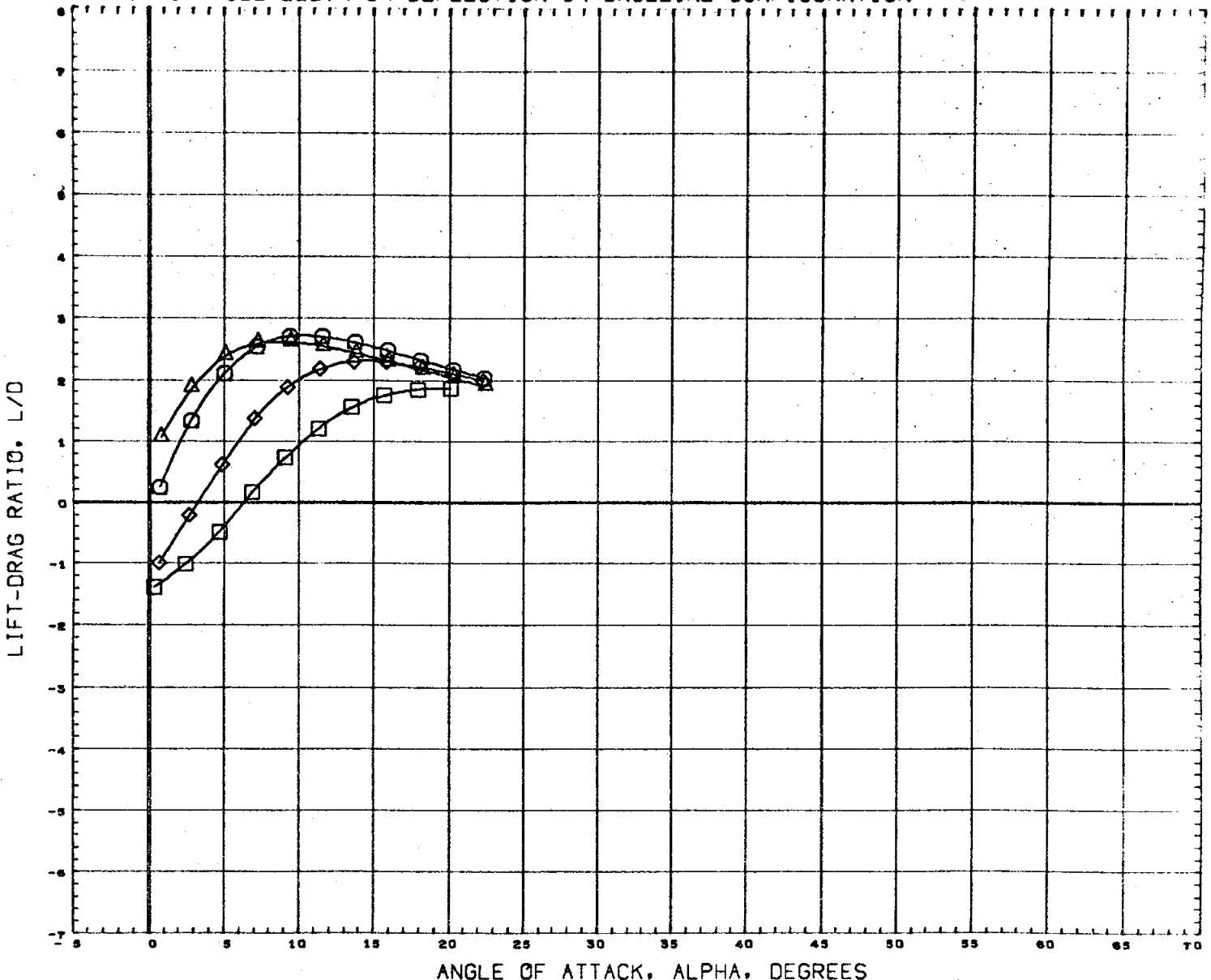
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XHRF 3.4530 IN. YHRF 0.0000 IN. ZHRF 0.0000 IN. SCALE 0.0040

MACH 1.20

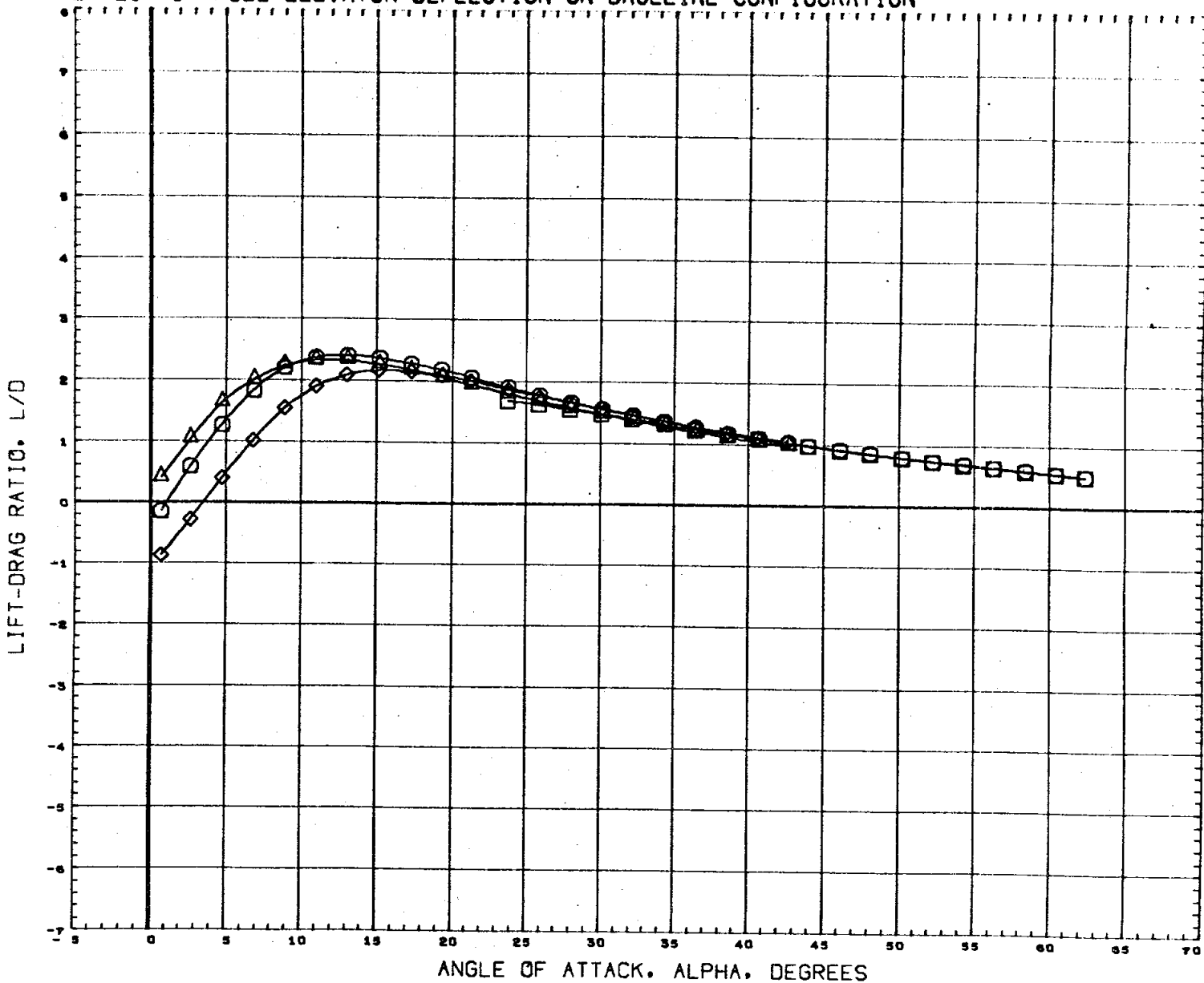
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.97

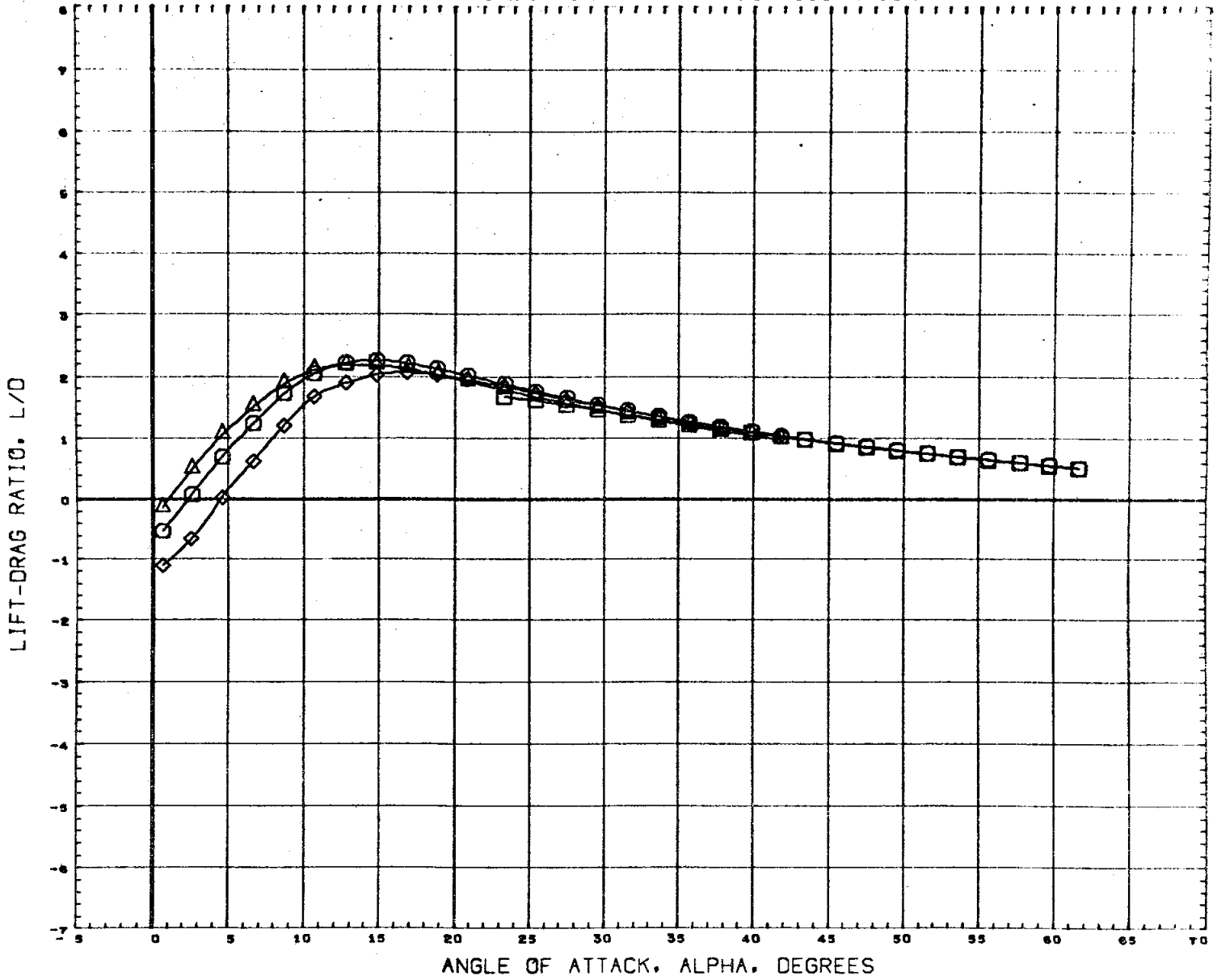
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

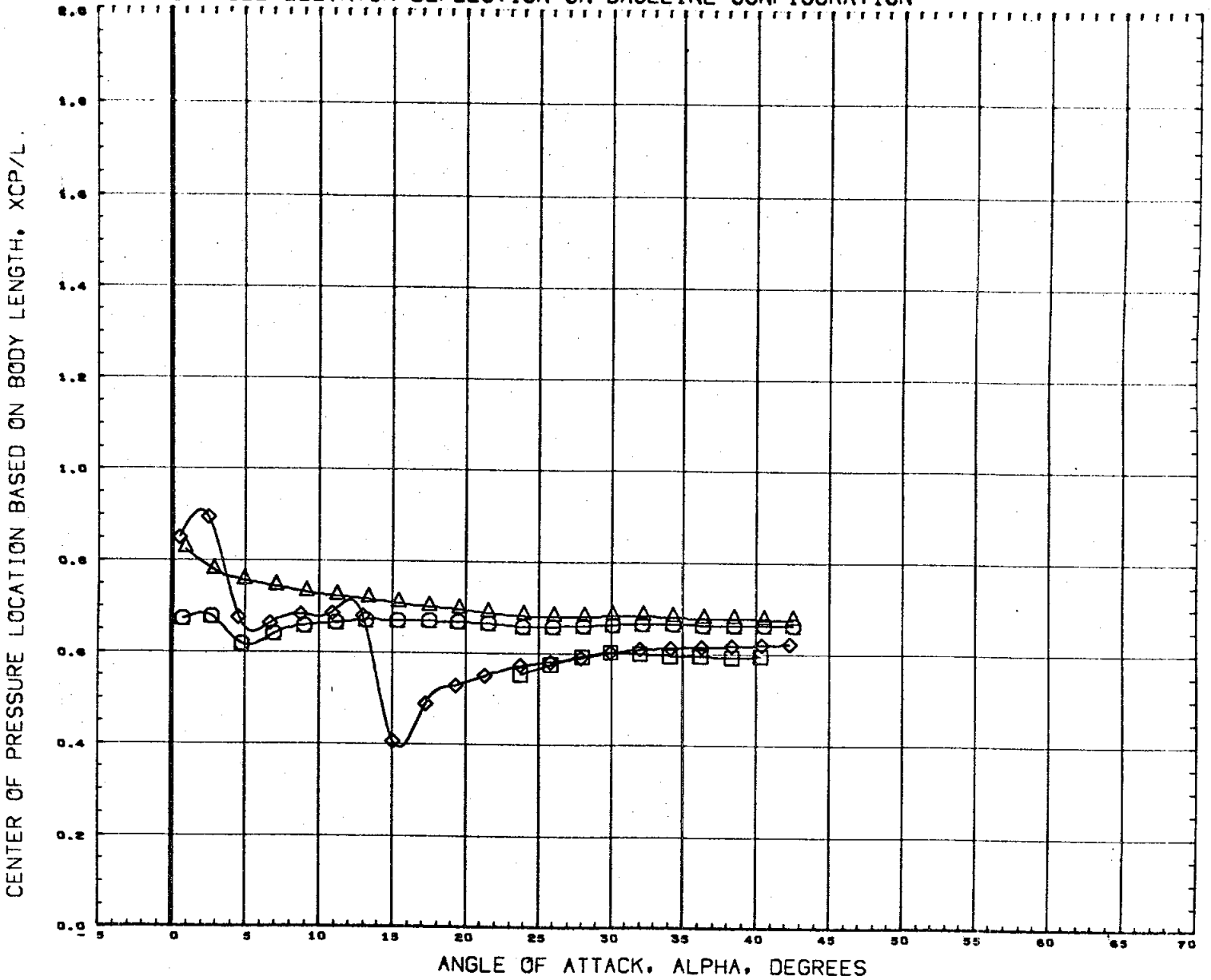
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76S11)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76S14)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

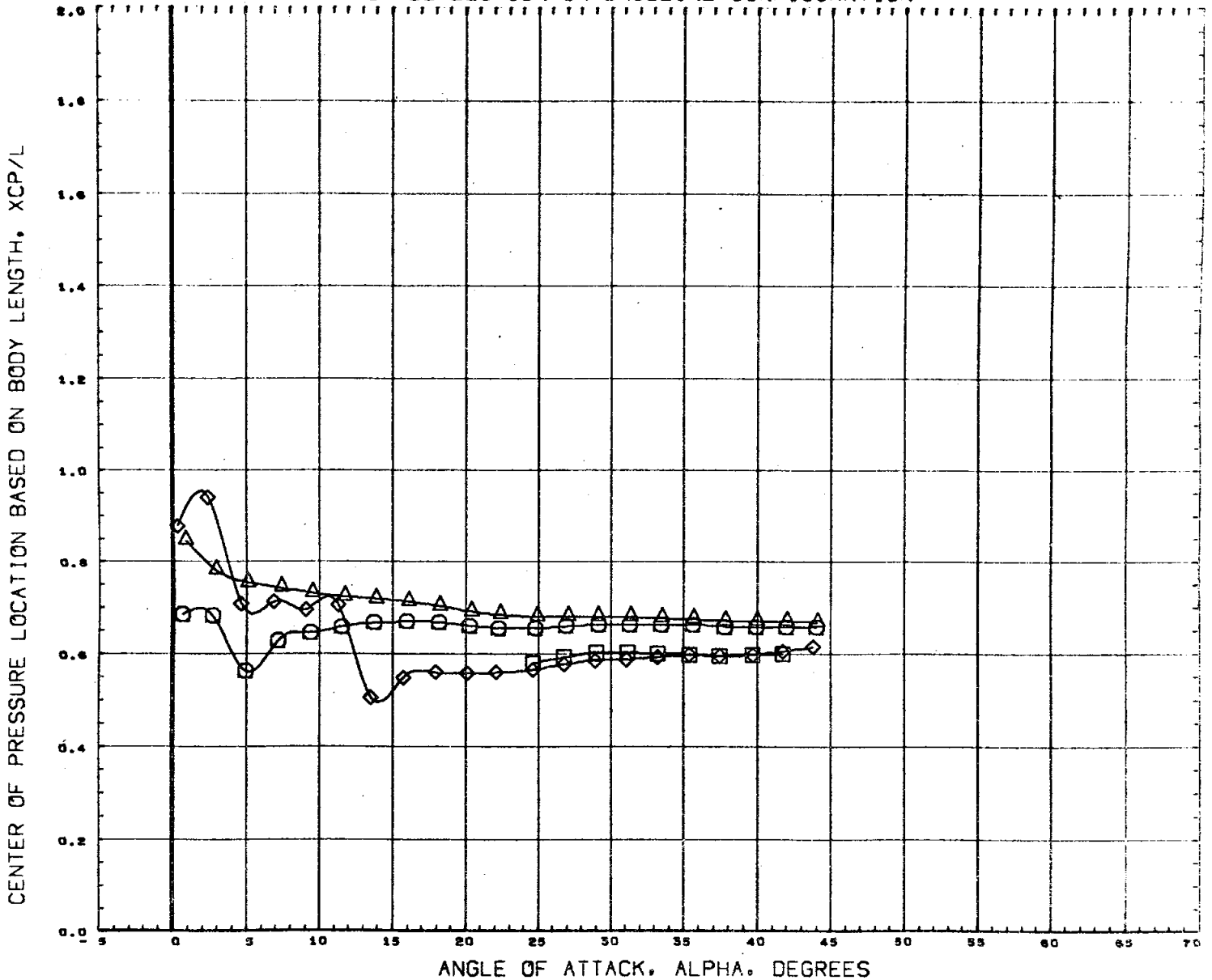


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 50.1N.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH

.59

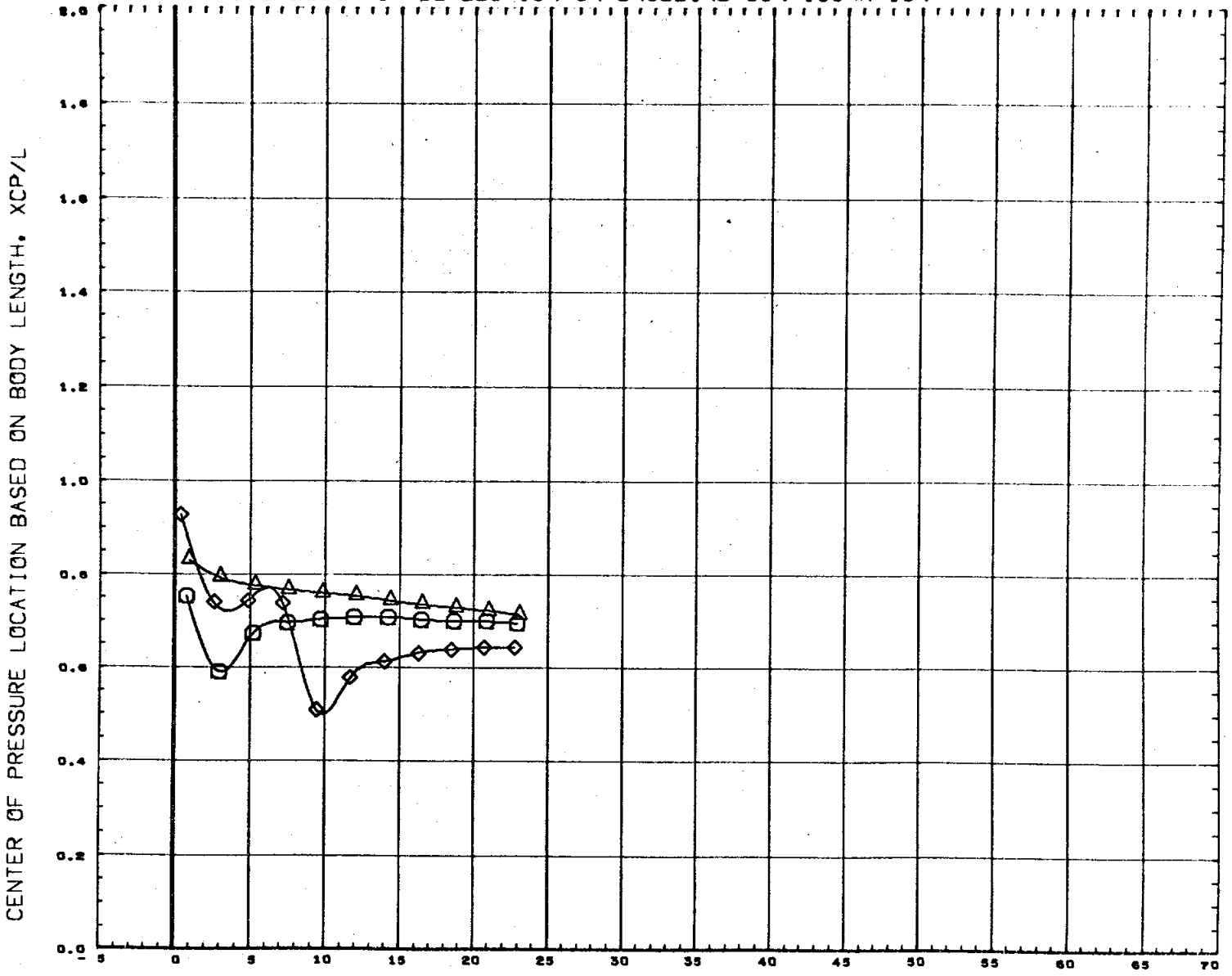
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

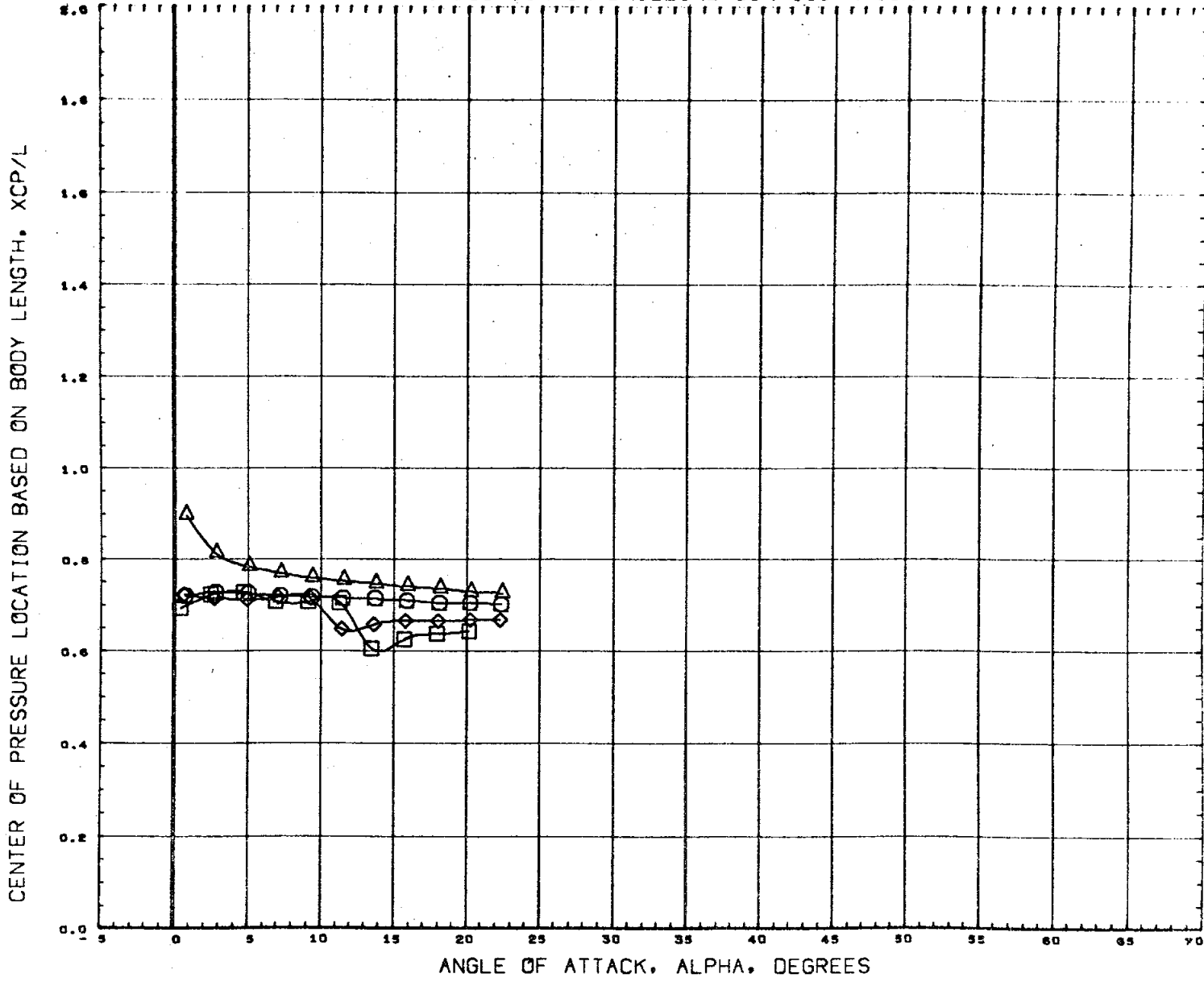
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

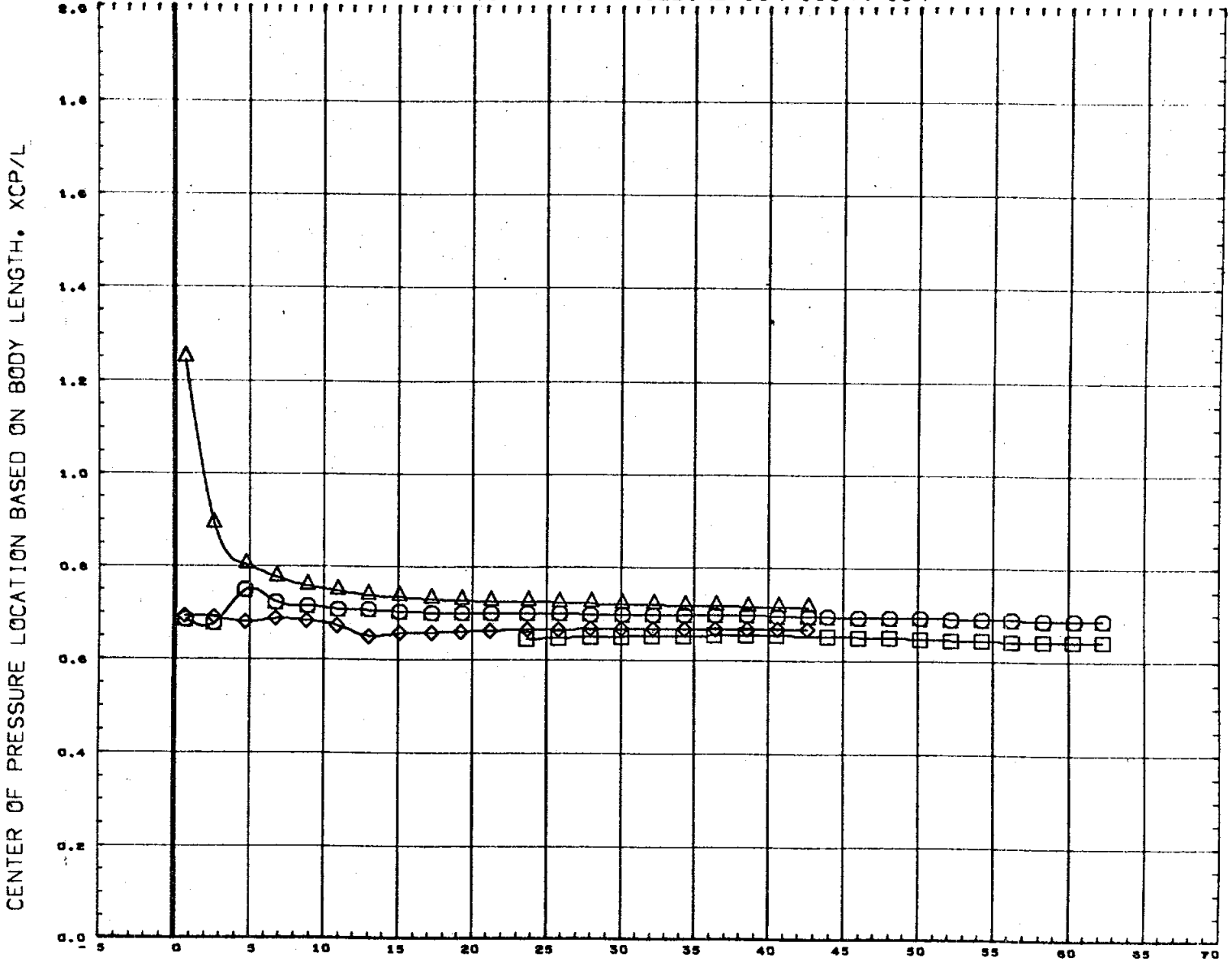


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.97



# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

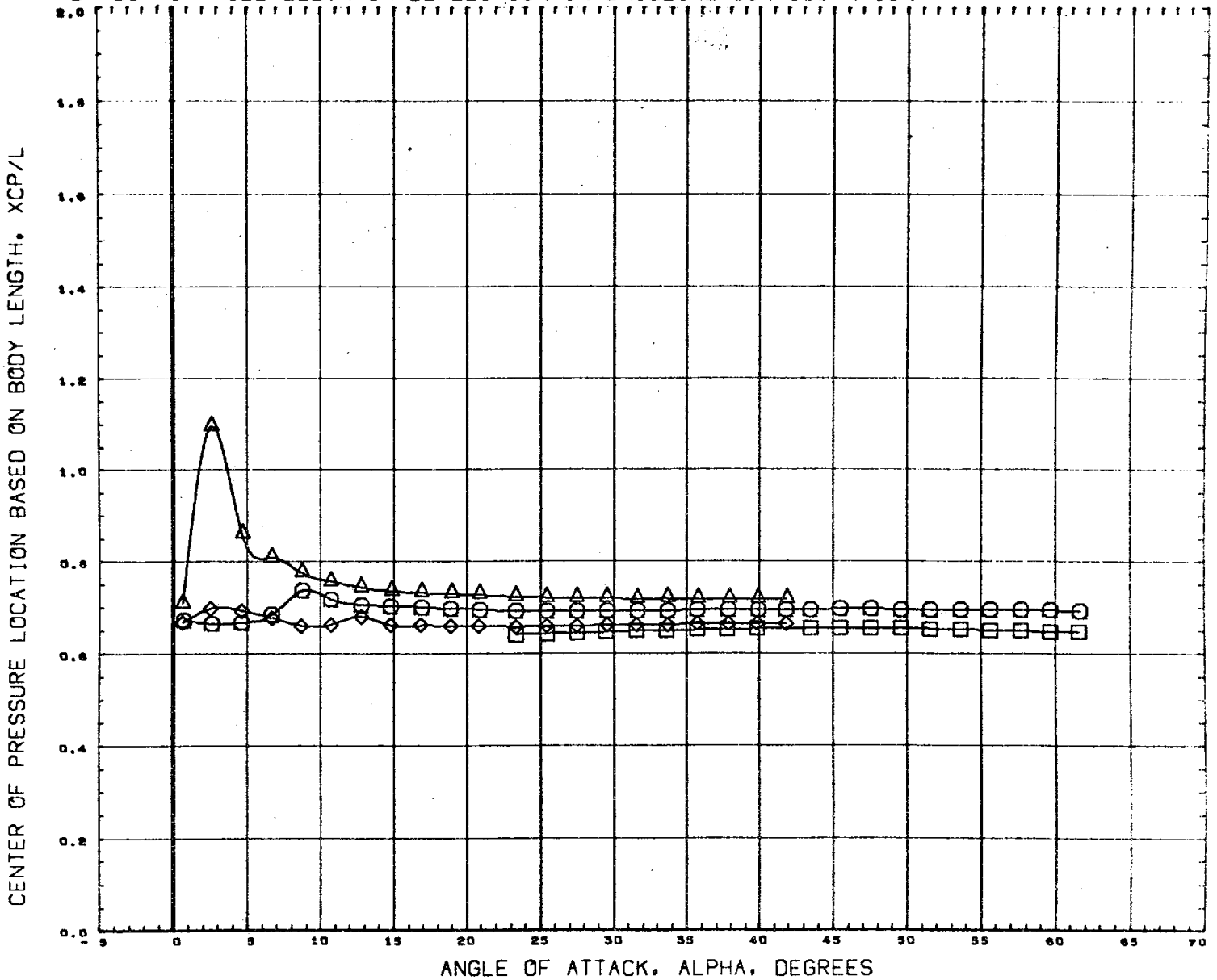


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF	2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF	4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

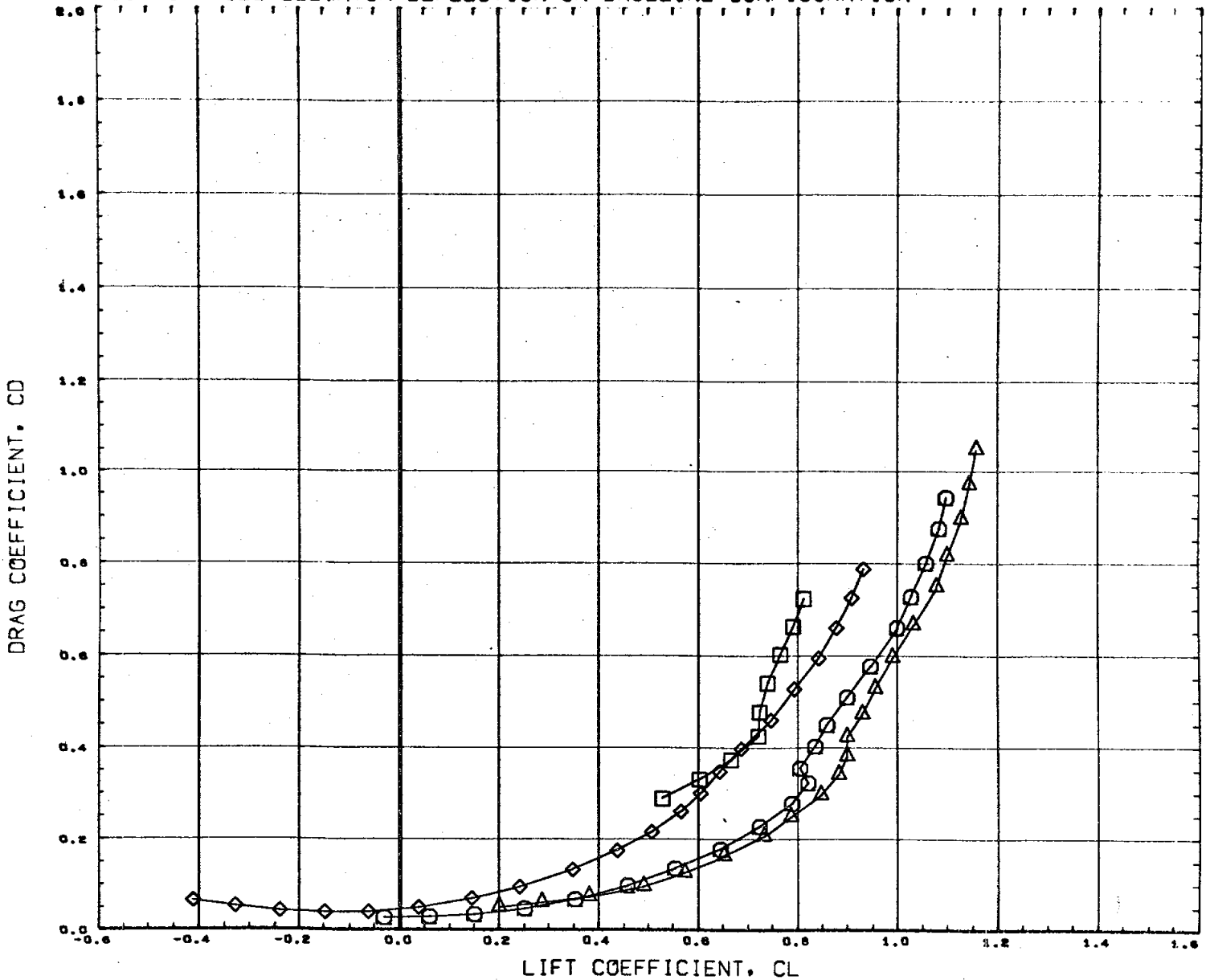
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4350 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

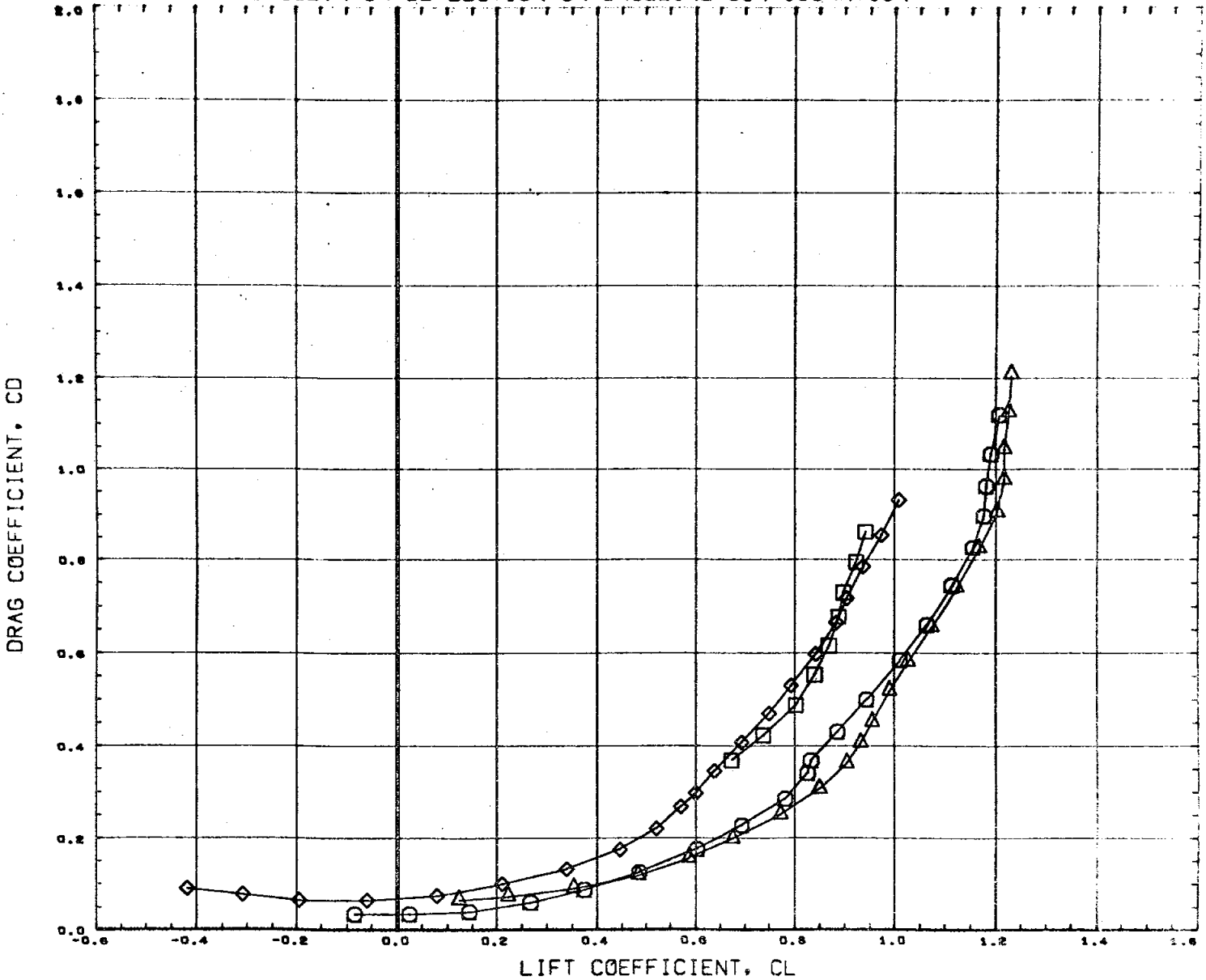


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

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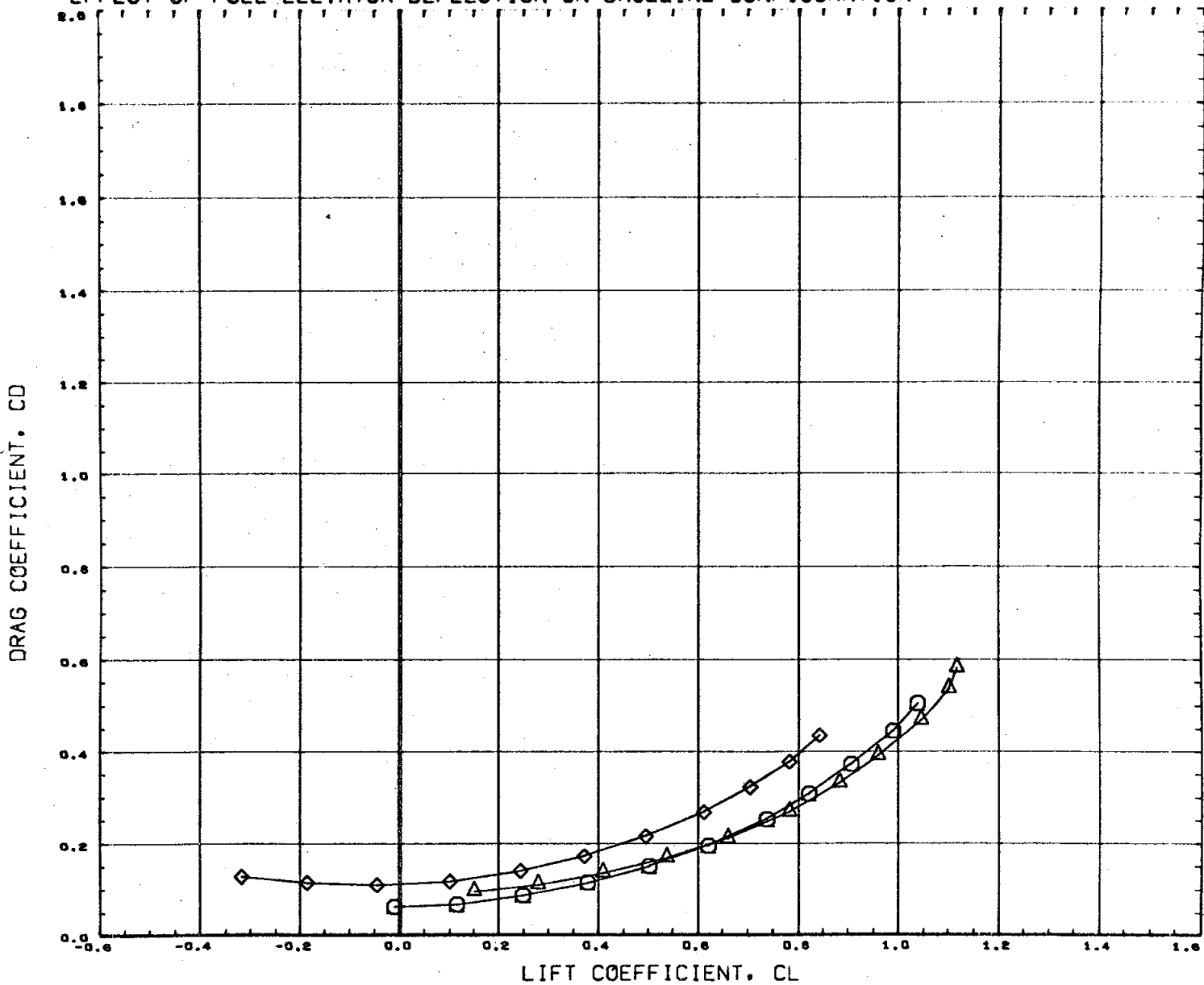
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

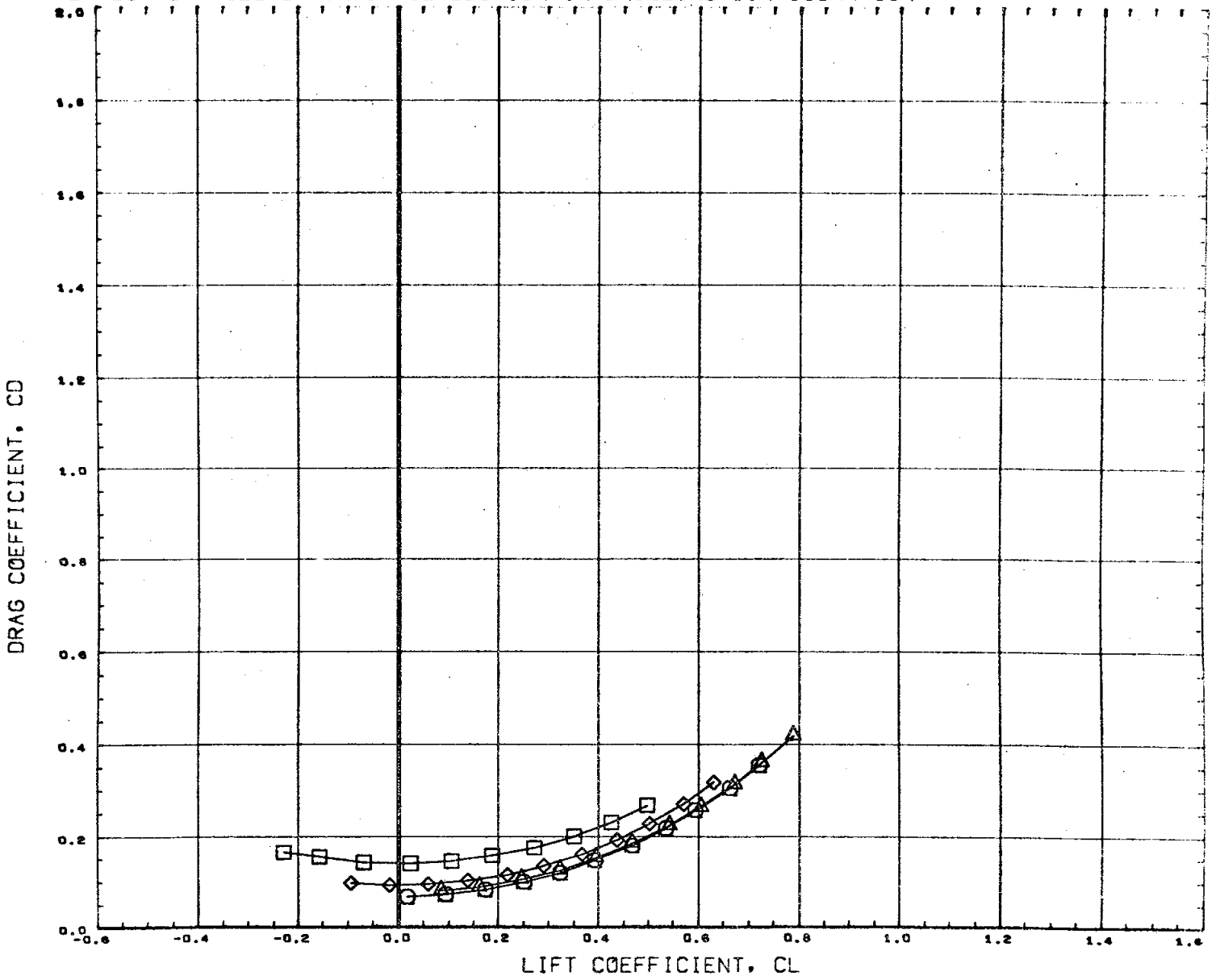
MACH .90

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

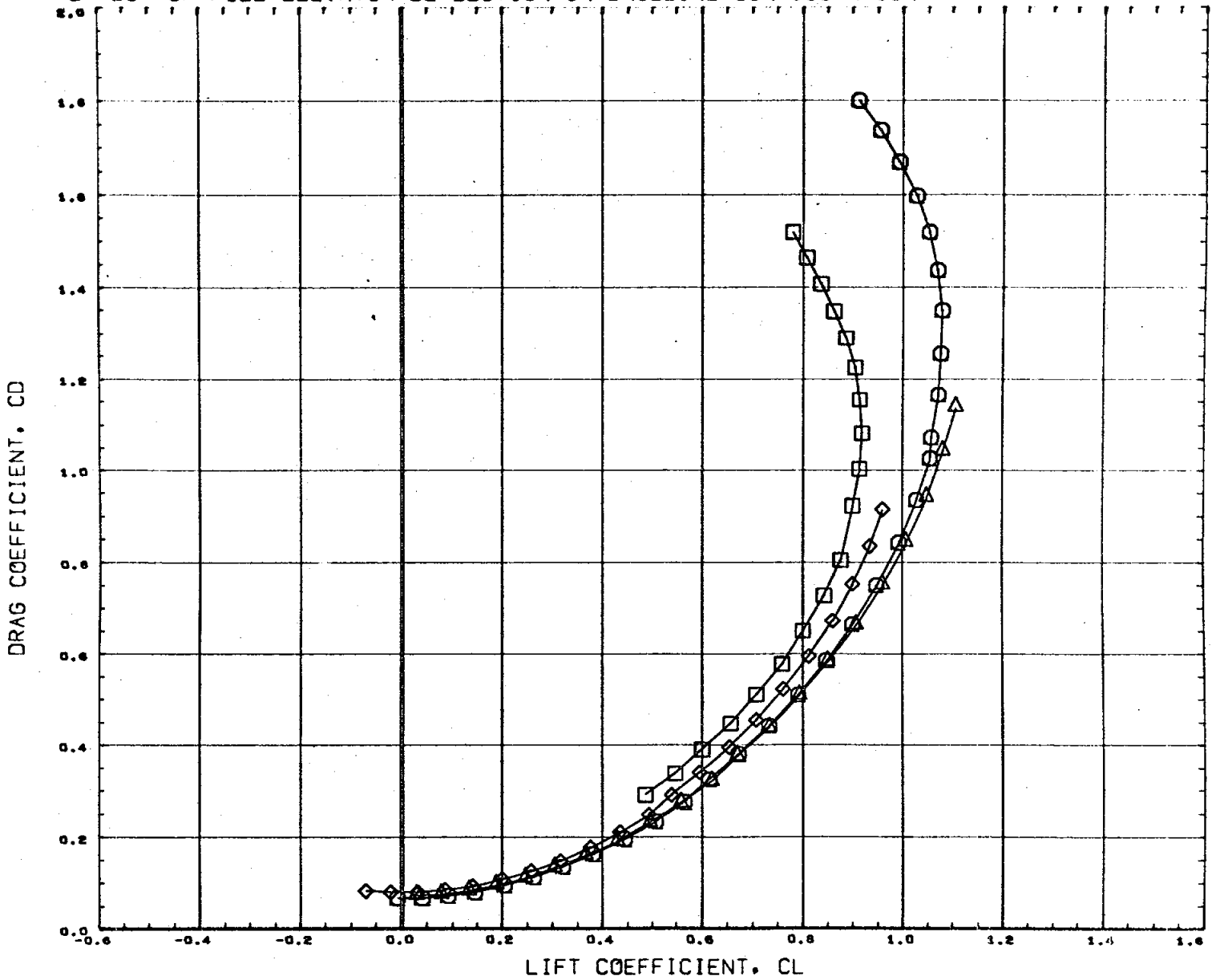


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.97

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# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

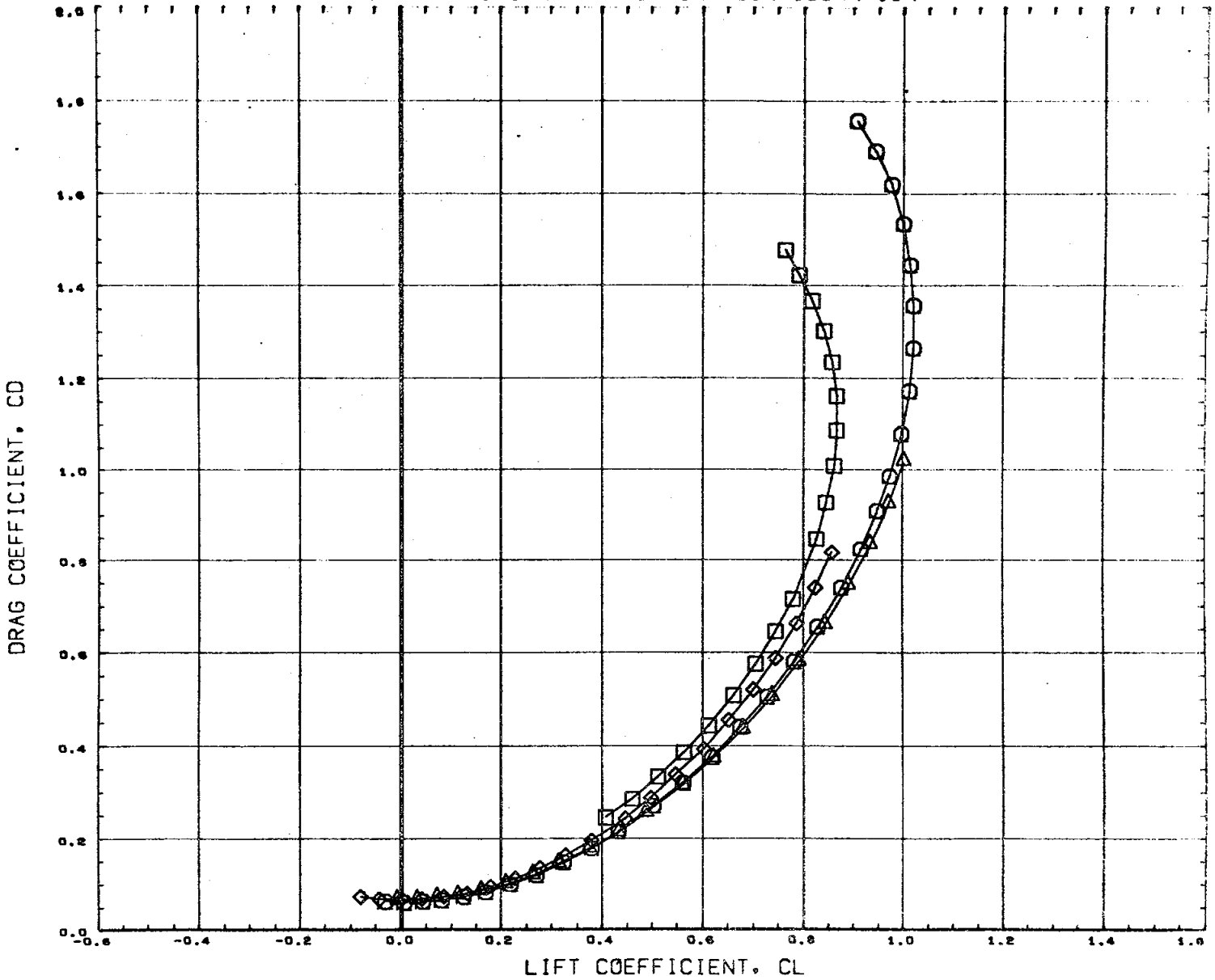


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76S05)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S09)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1023 IN.
(C76S11)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76S14)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

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# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



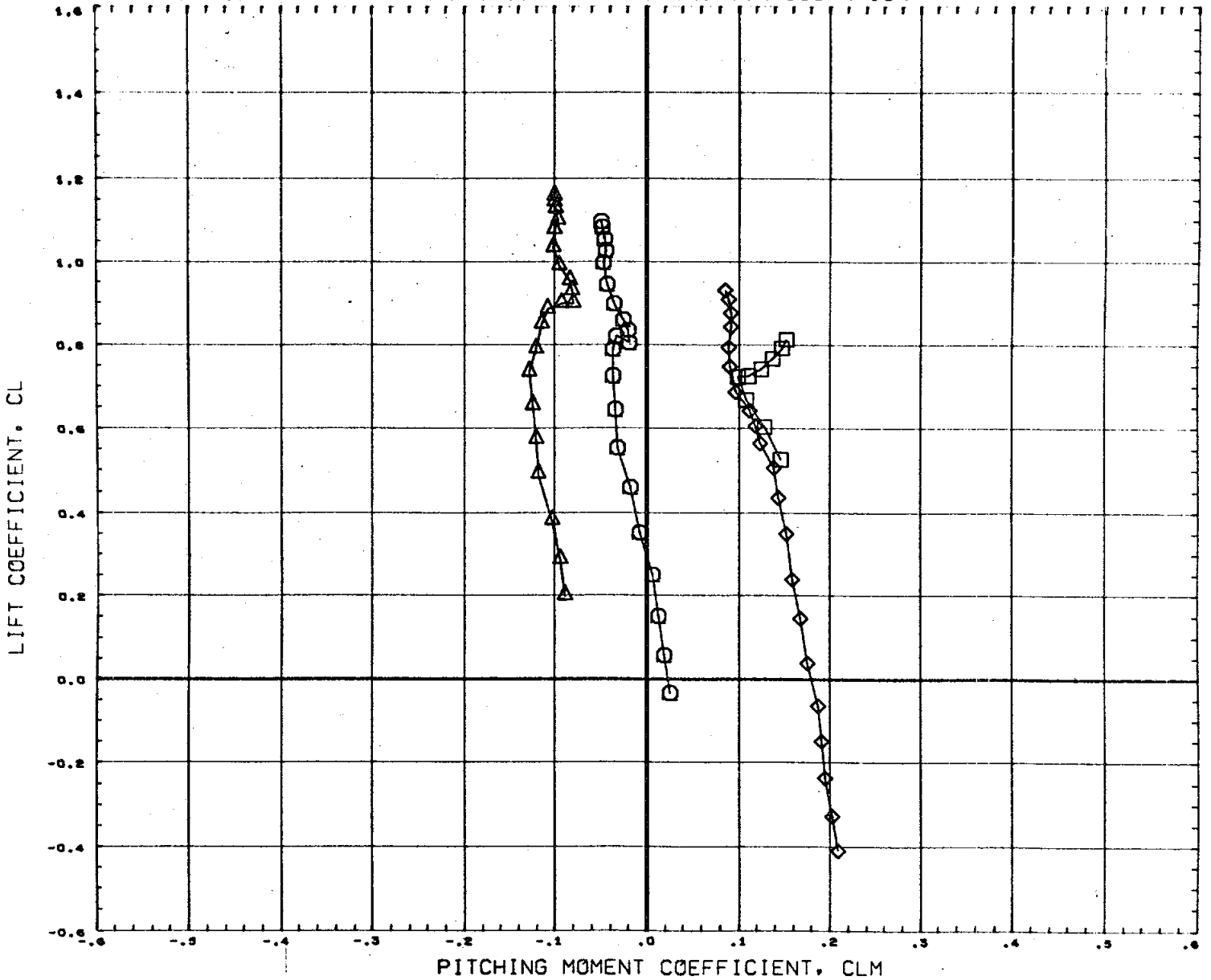
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

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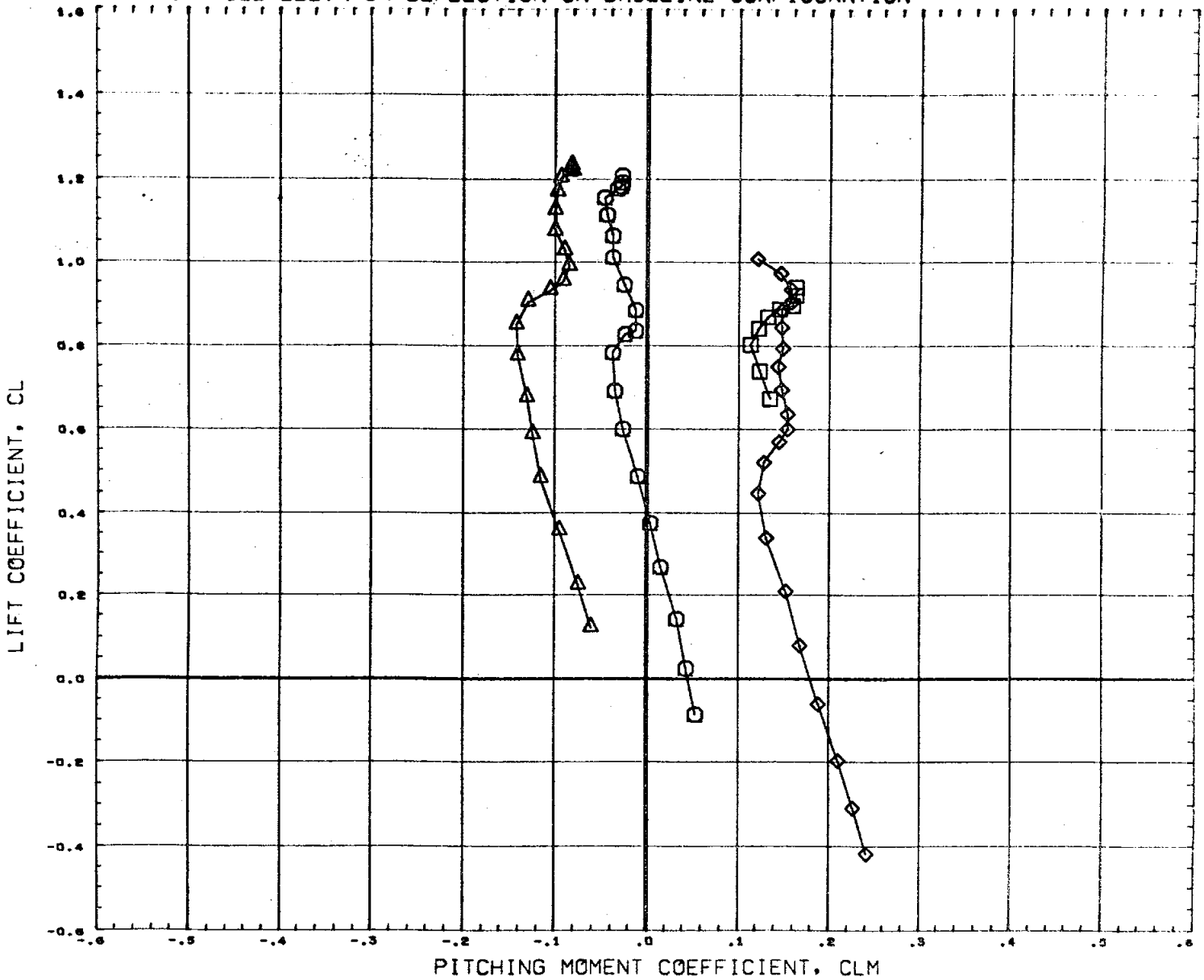
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76509)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

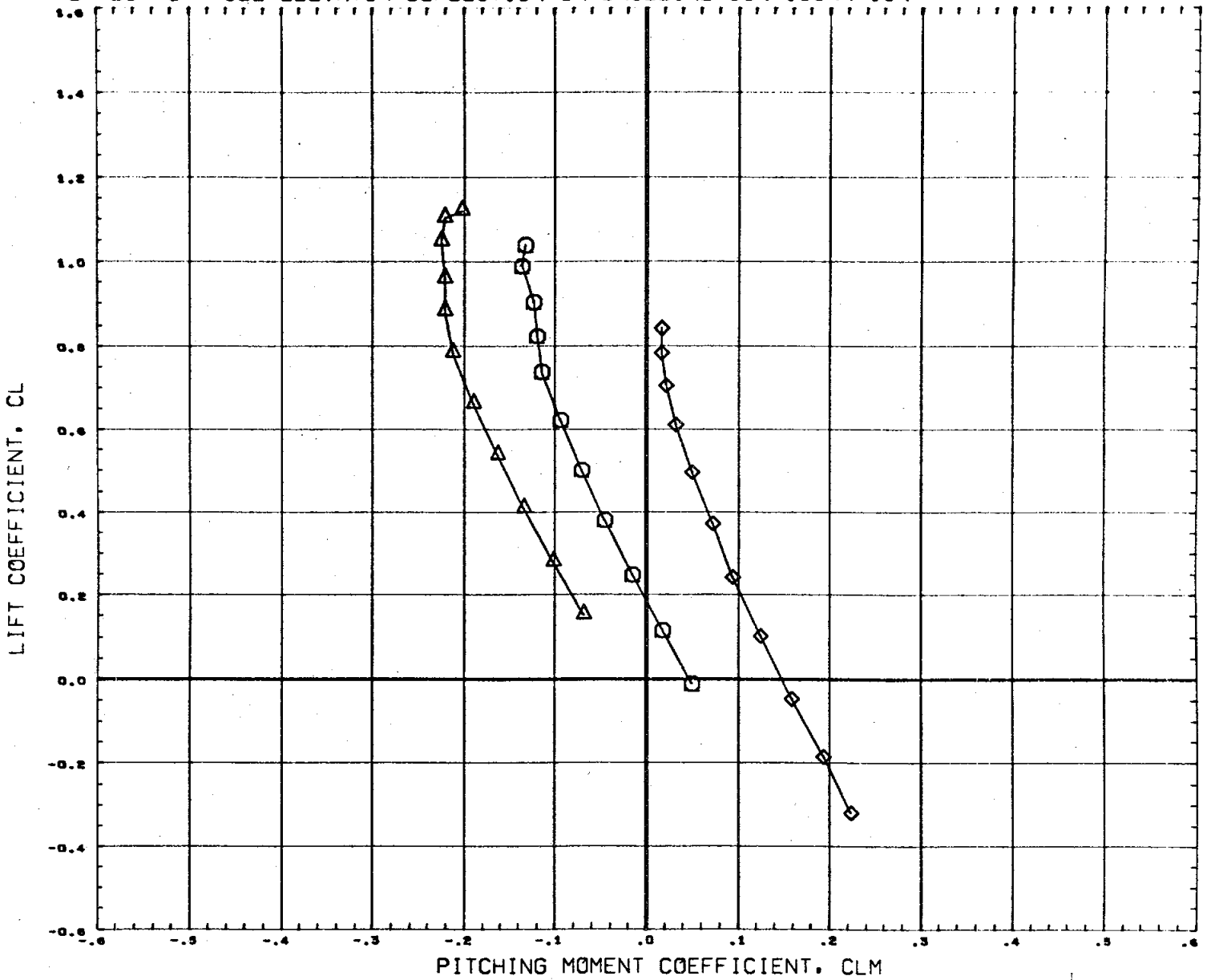
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

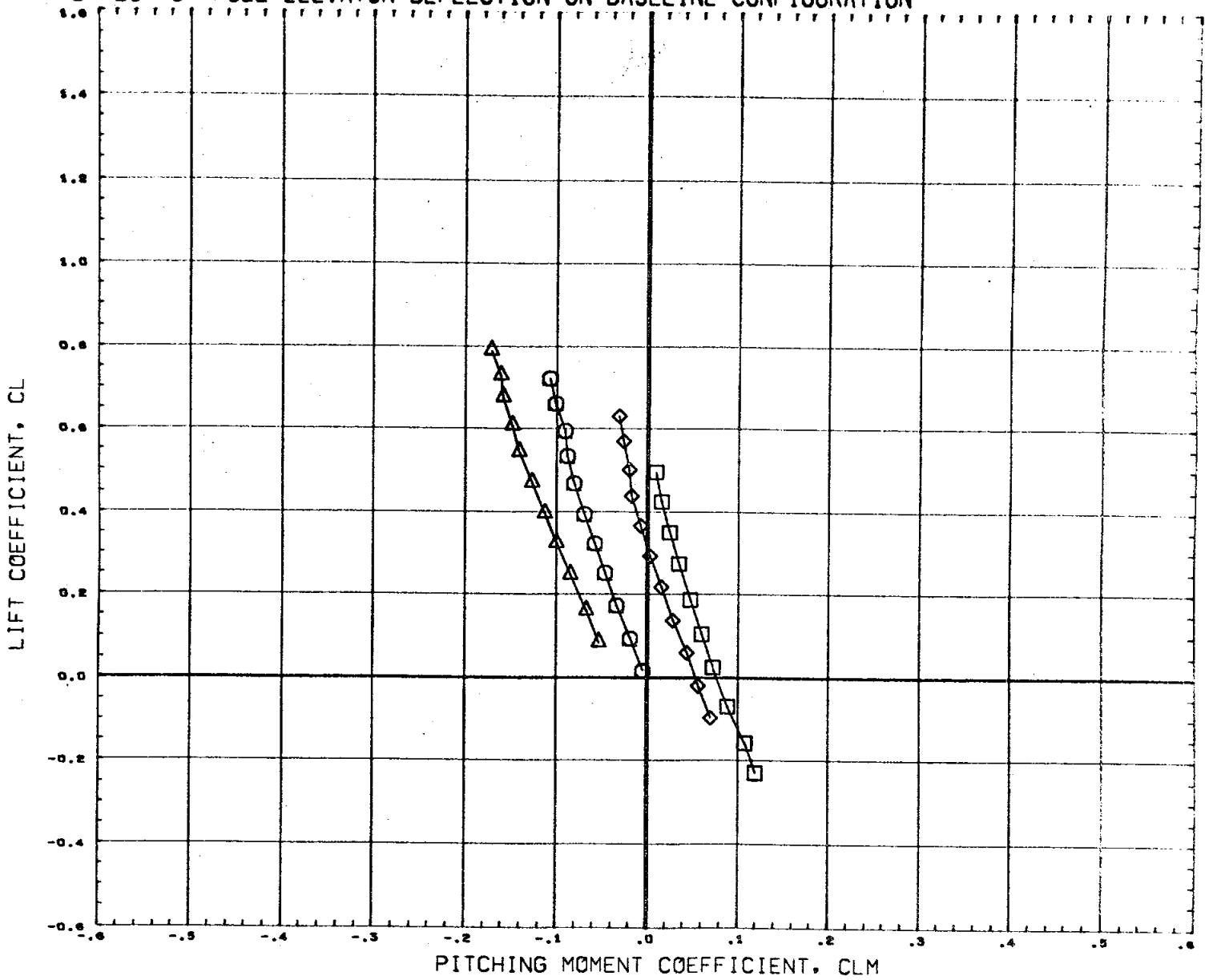
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

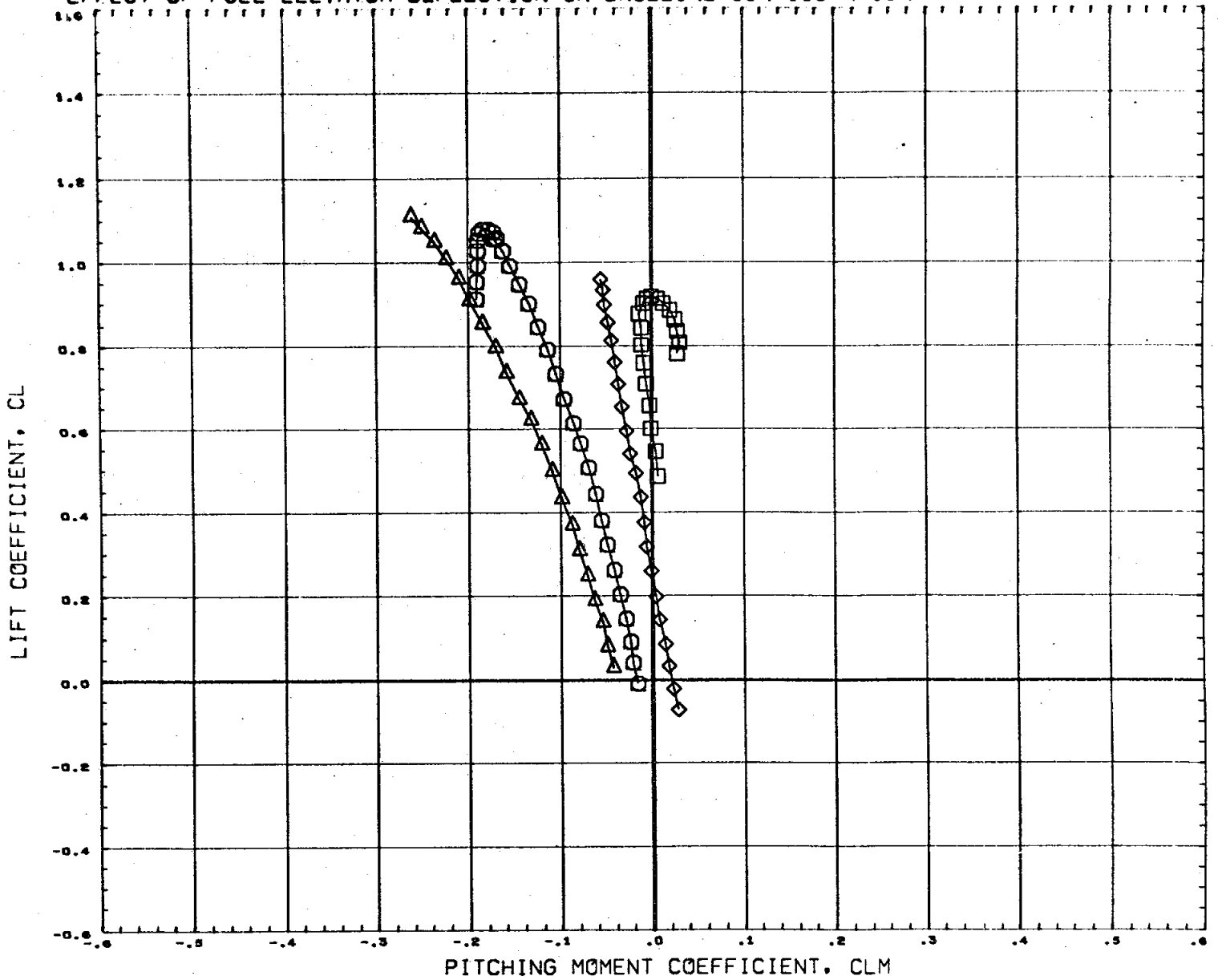
# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

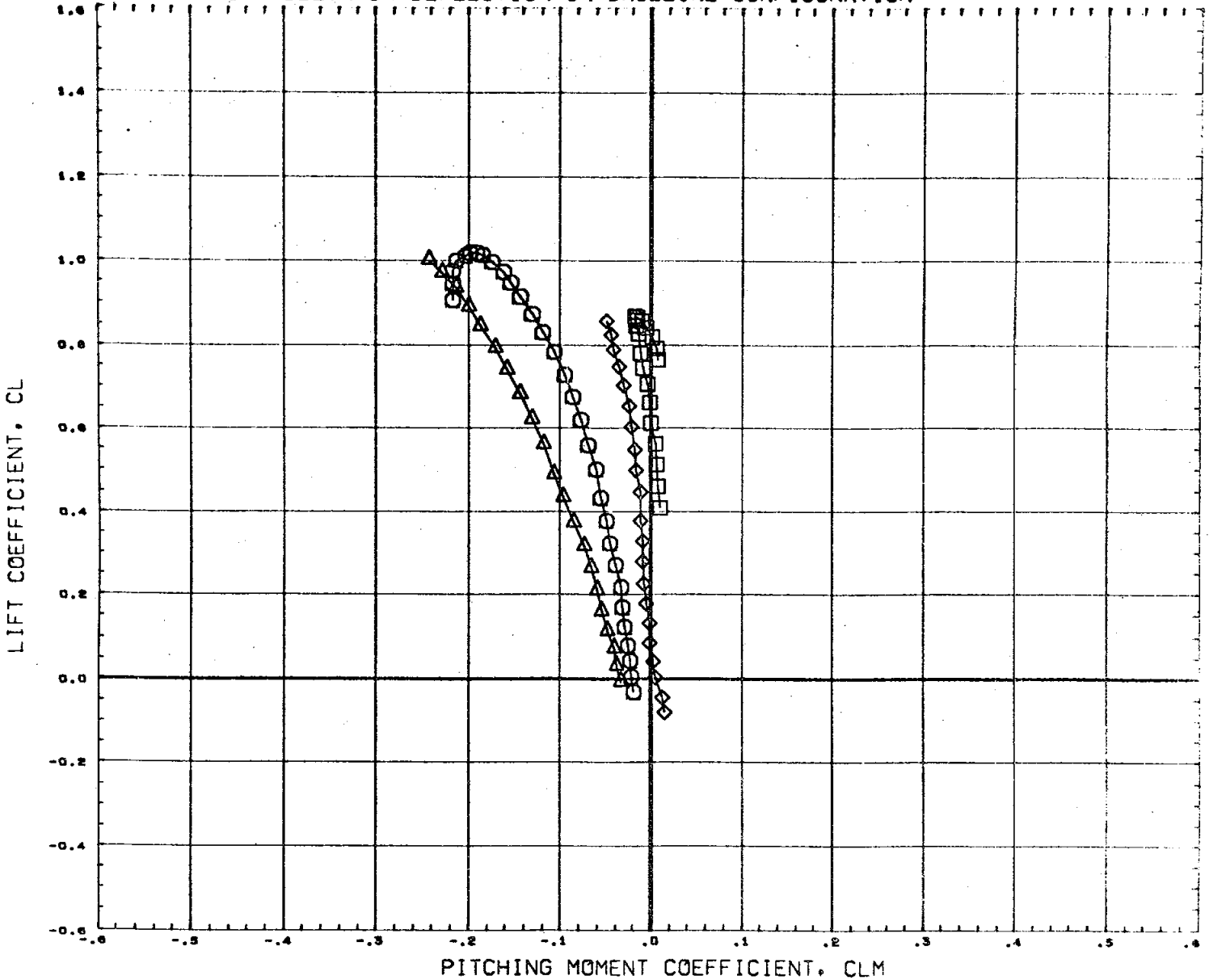
MACH 1.97

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76311)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76314)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

# EFFECT OF FULL ELEVATOR DEFLECTION ON BASELINE CONFIGURATION

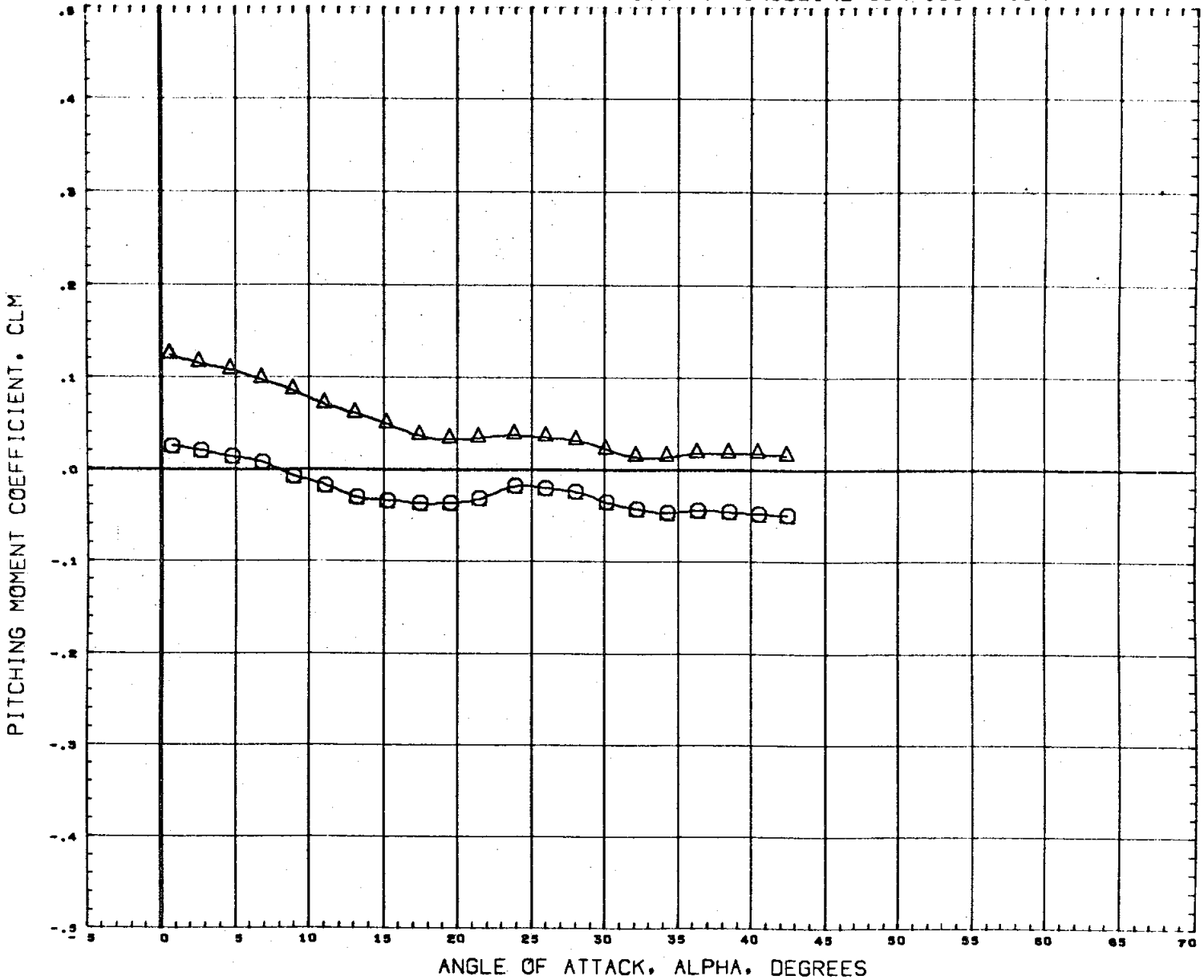


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	0.000	10.000	LREF 2.1020 IN.
(C76511)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	0.000	10.000	BREF 4.0300 IN.
(C76514)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	0.000	10.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

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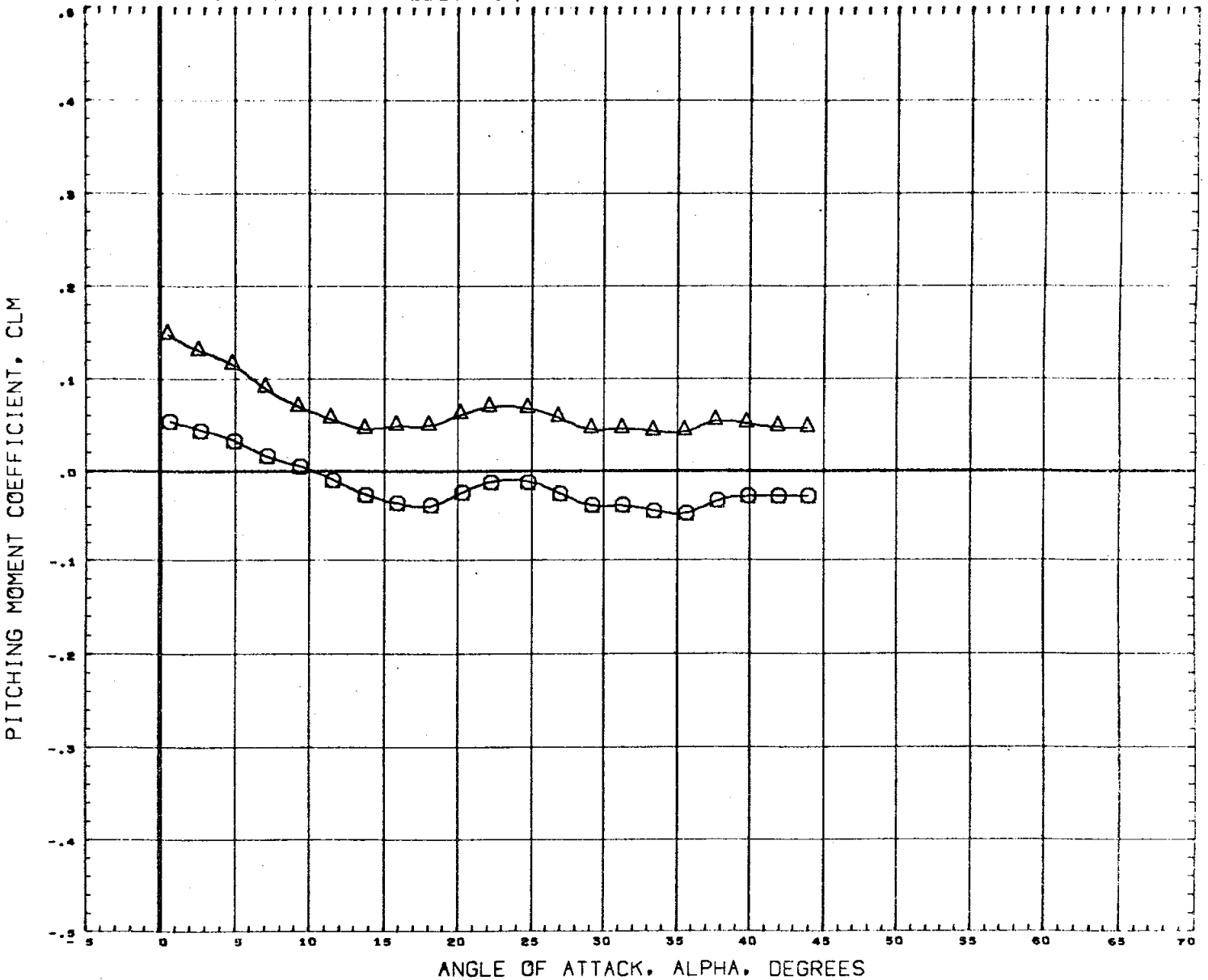
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

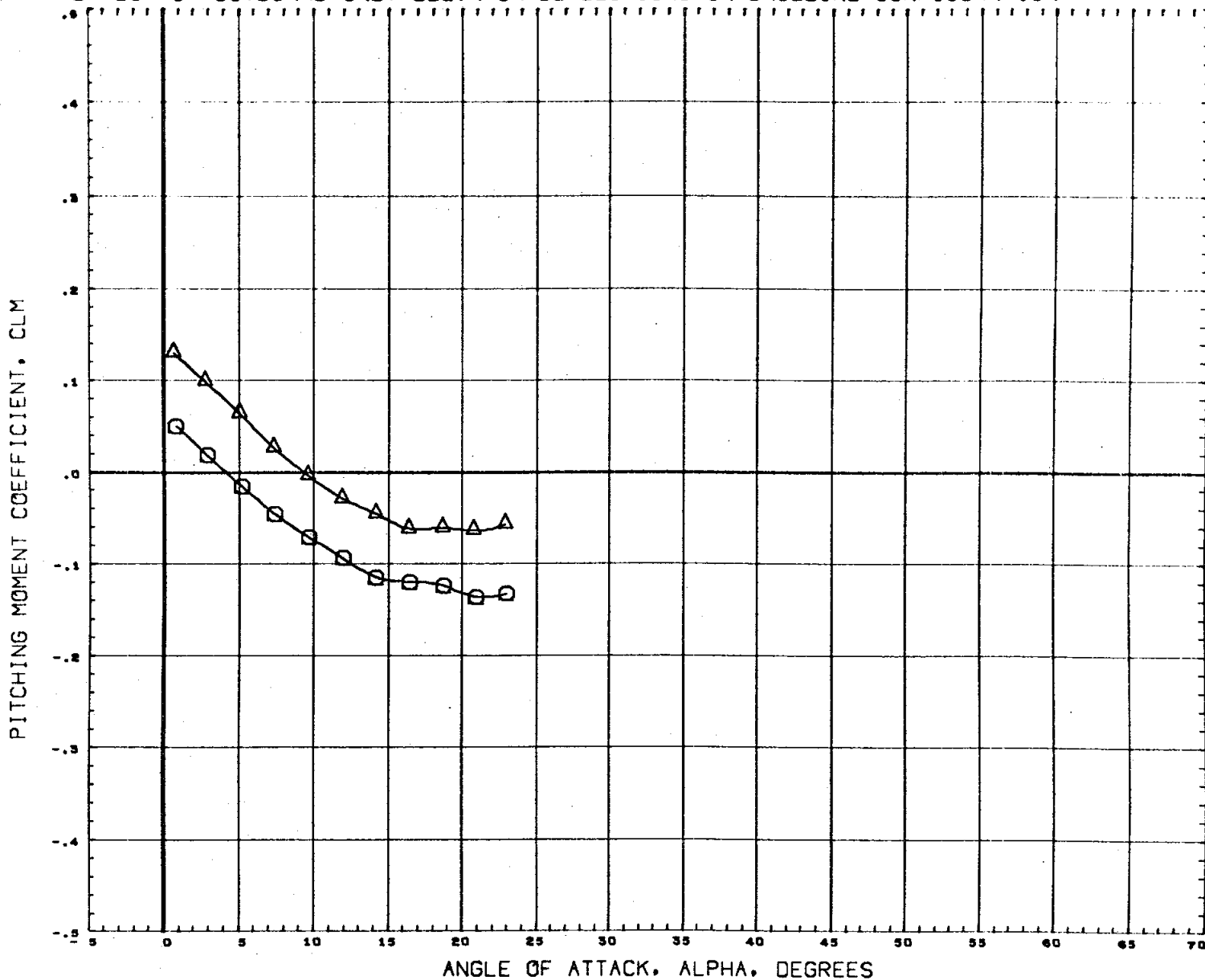


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRF 3.4530 IN.
					YMRF 0.0000 IN.
					ZMRF 0.0000 IN.
					SCALE 0.0040

MACH .90



# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



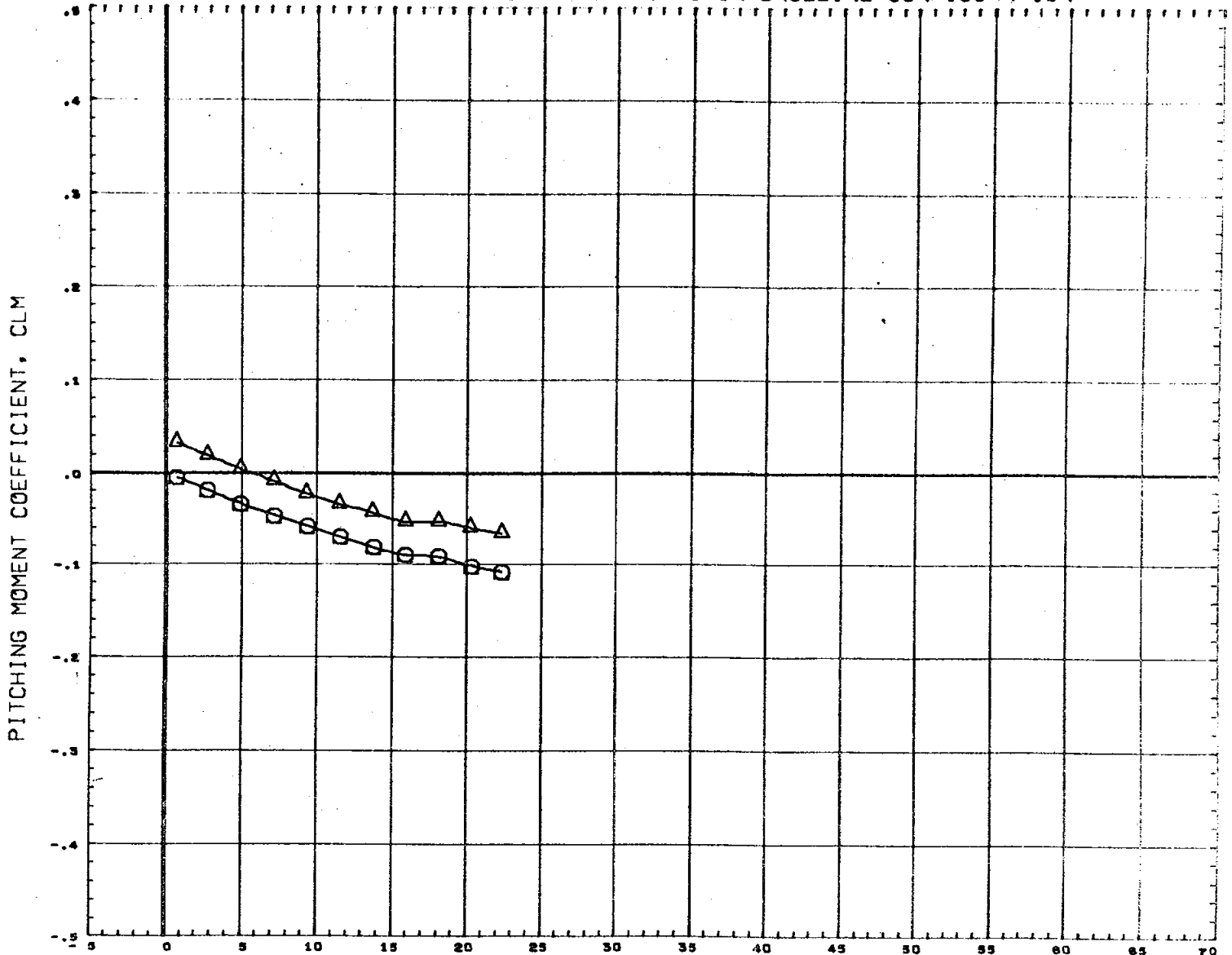
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

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# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

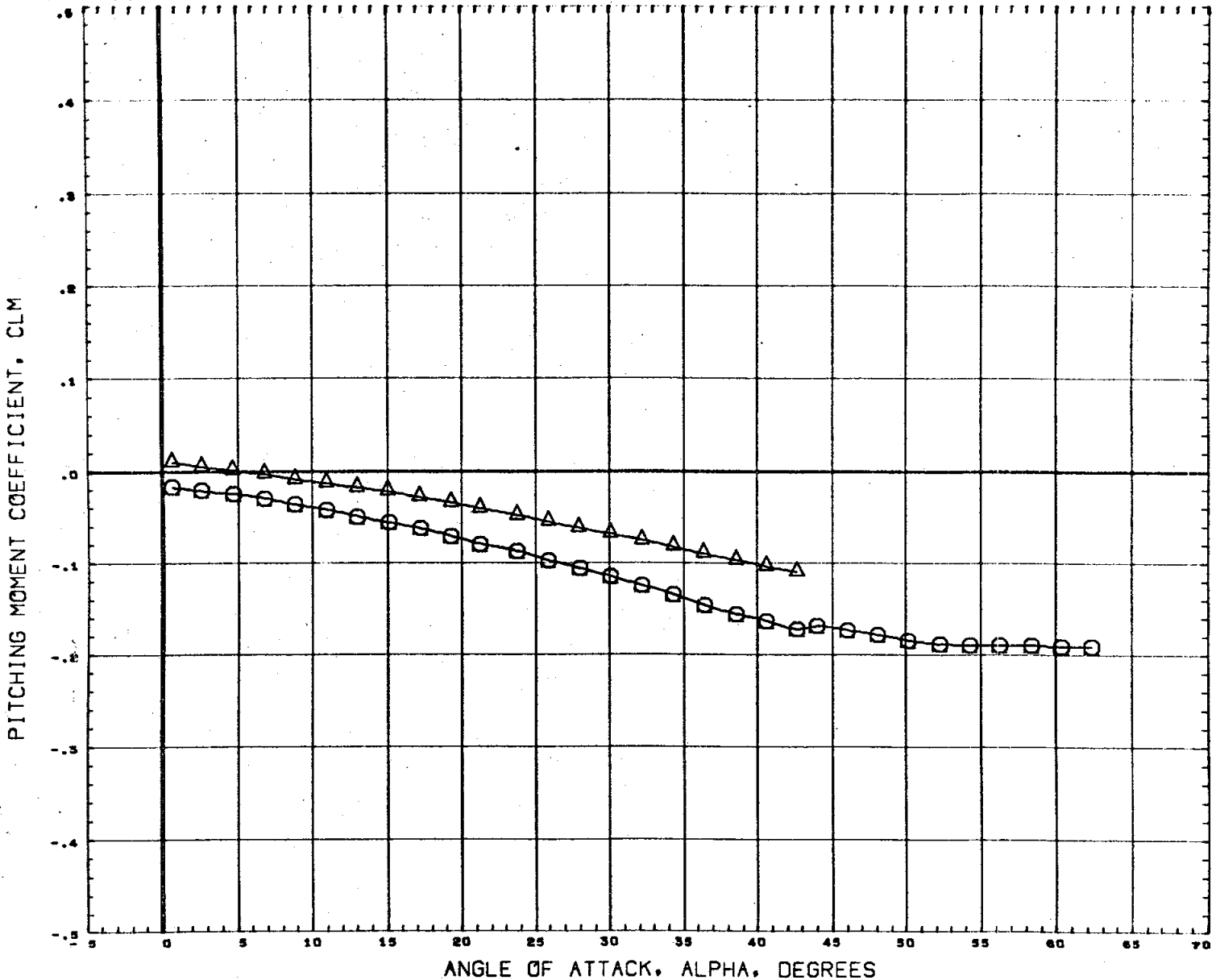


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

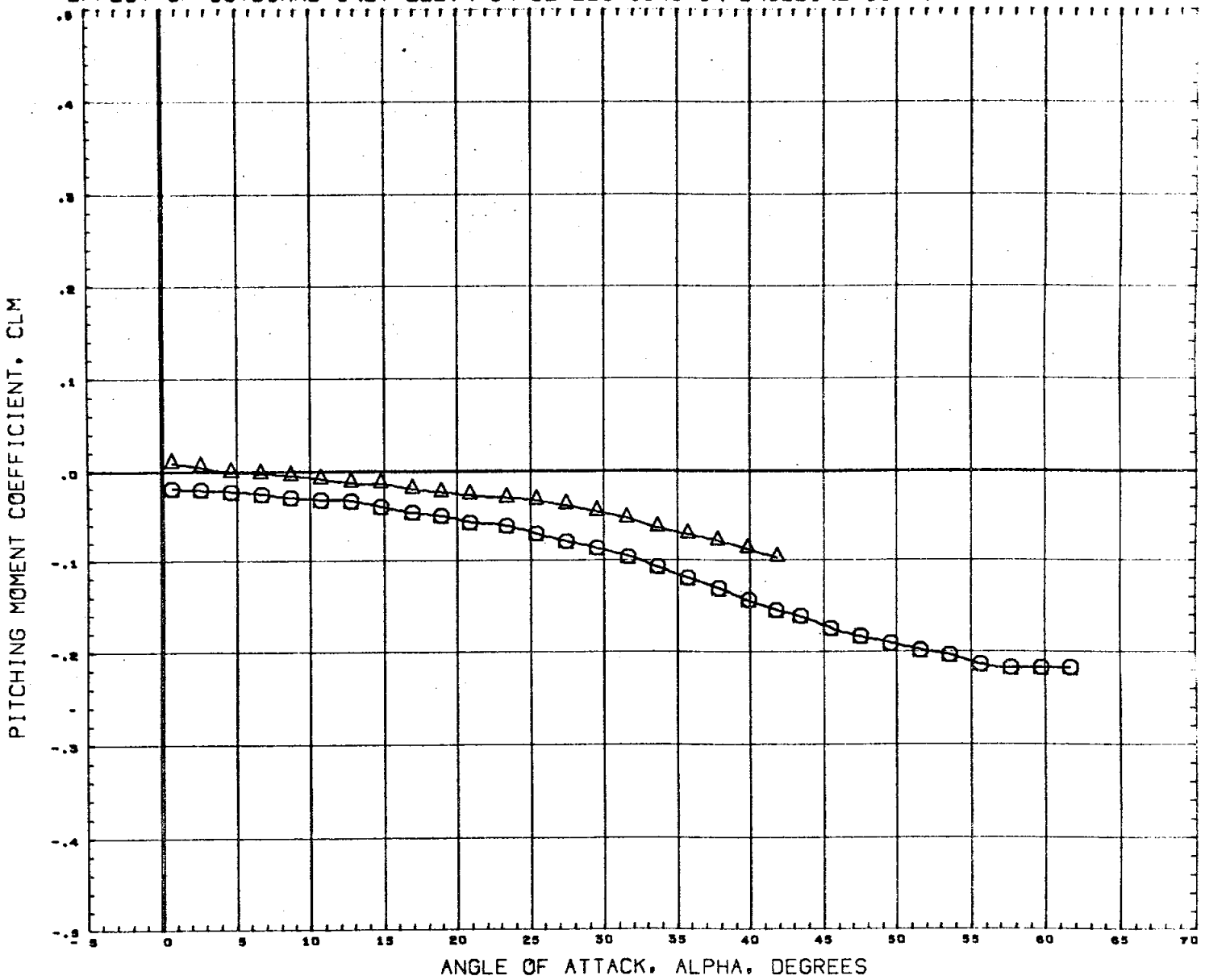


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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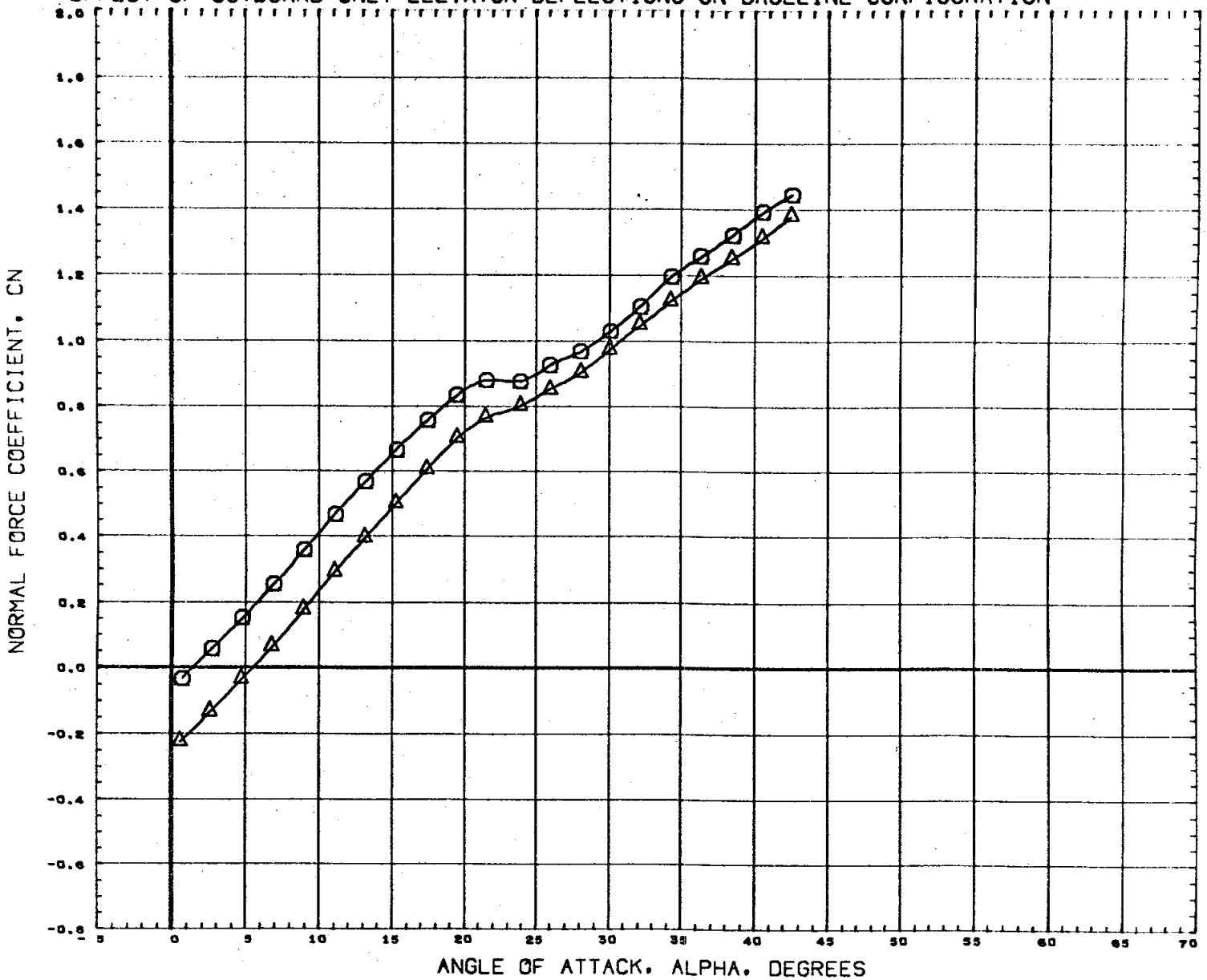
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	MS55 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	MS55 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



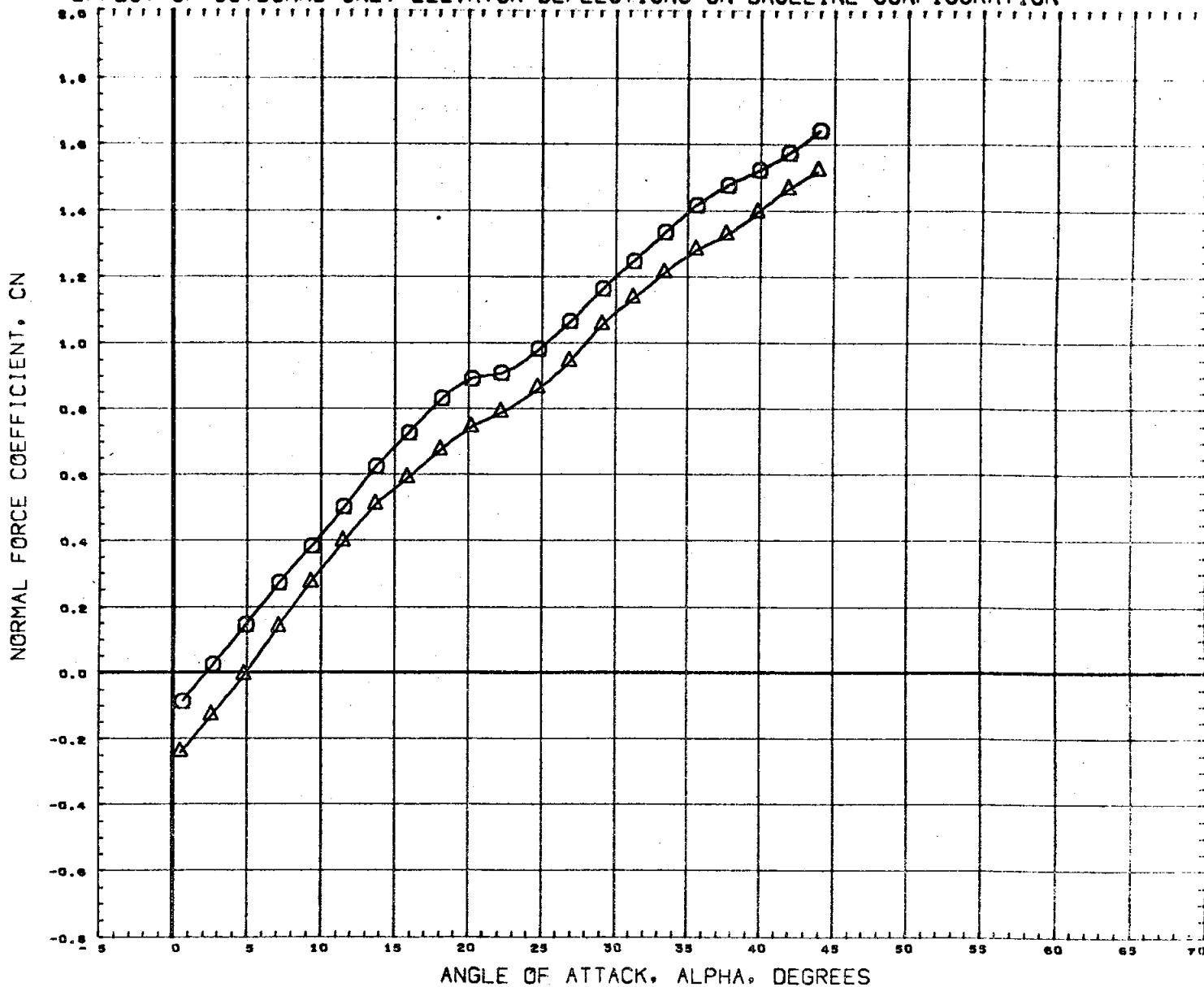
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .59

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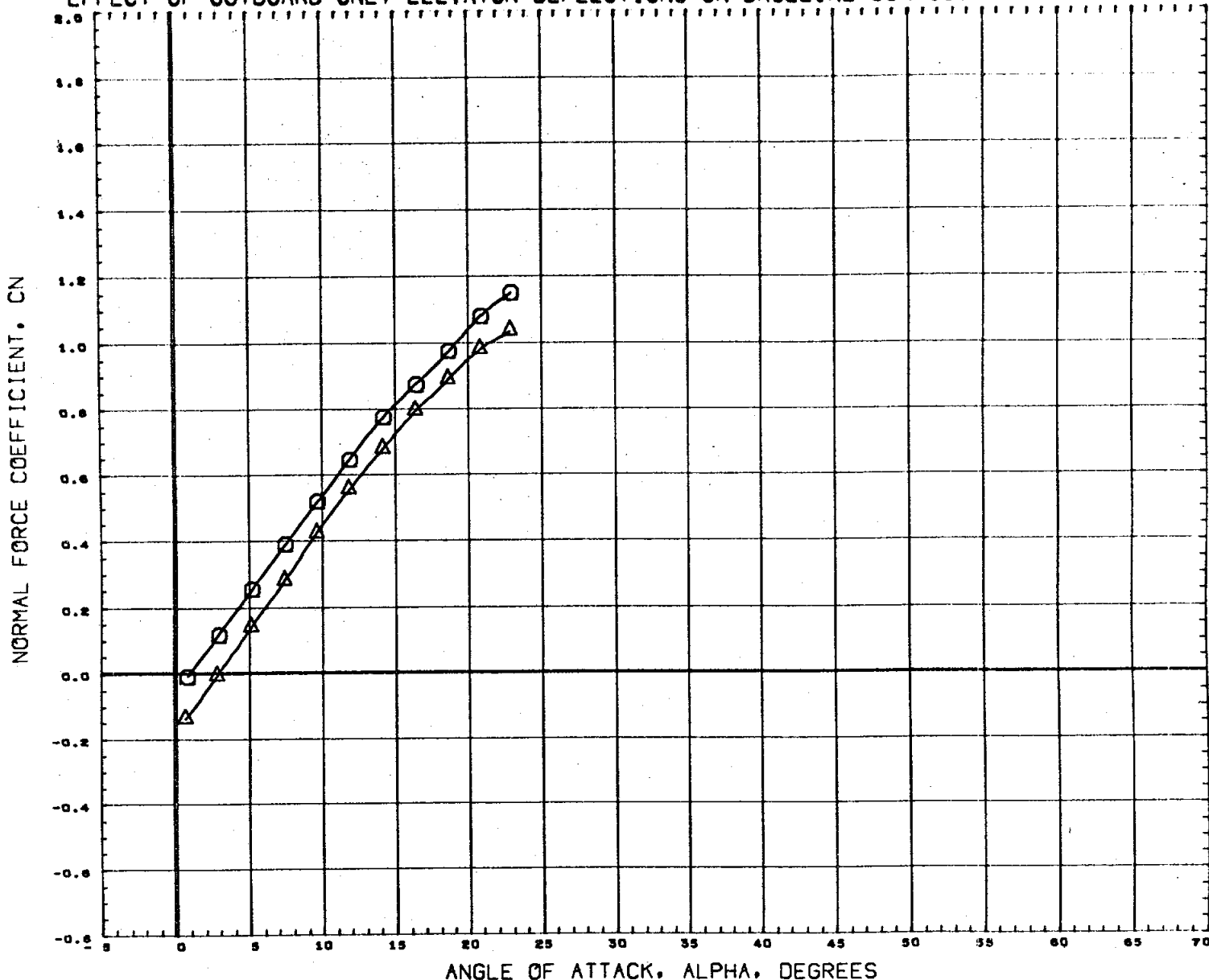
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

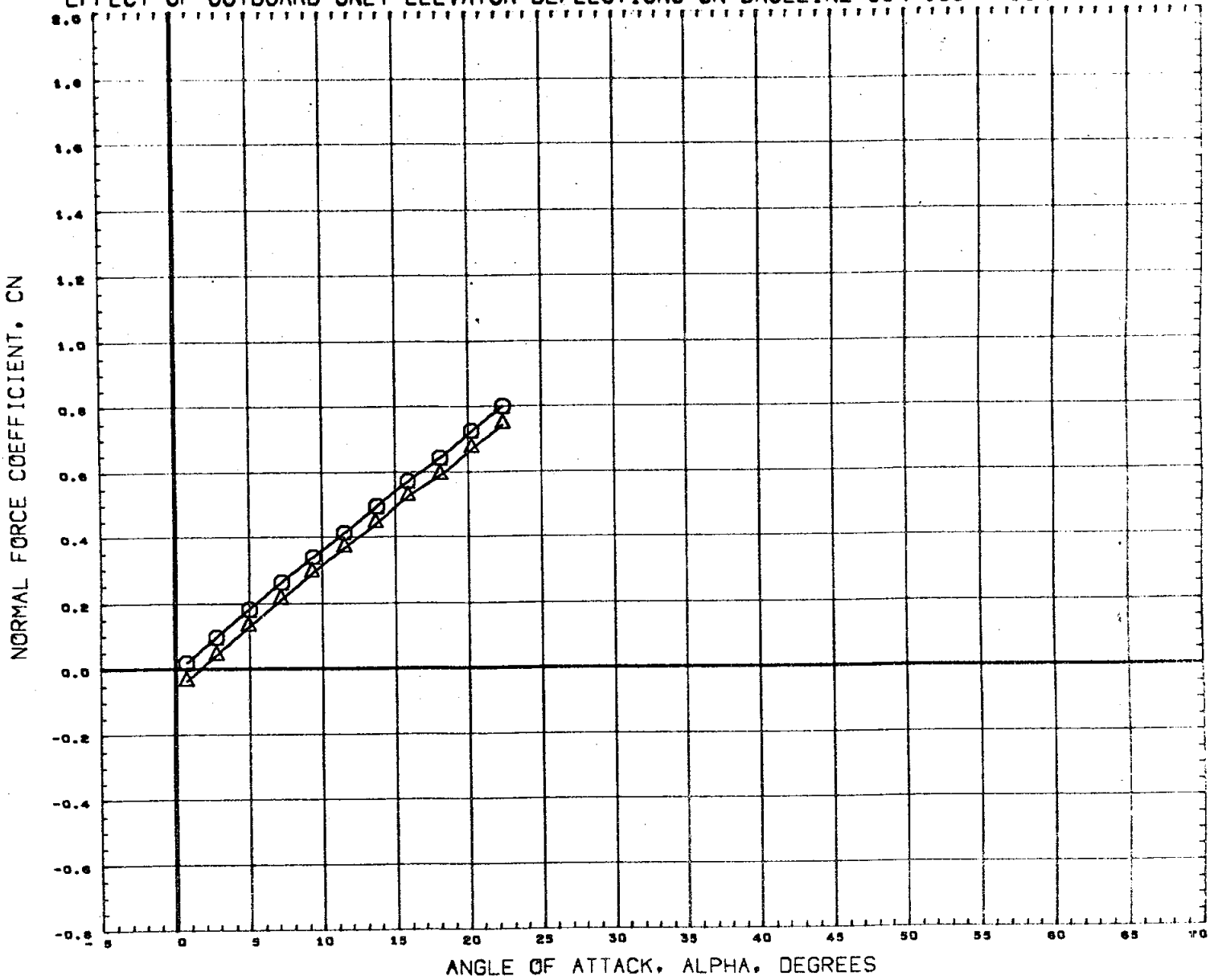
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

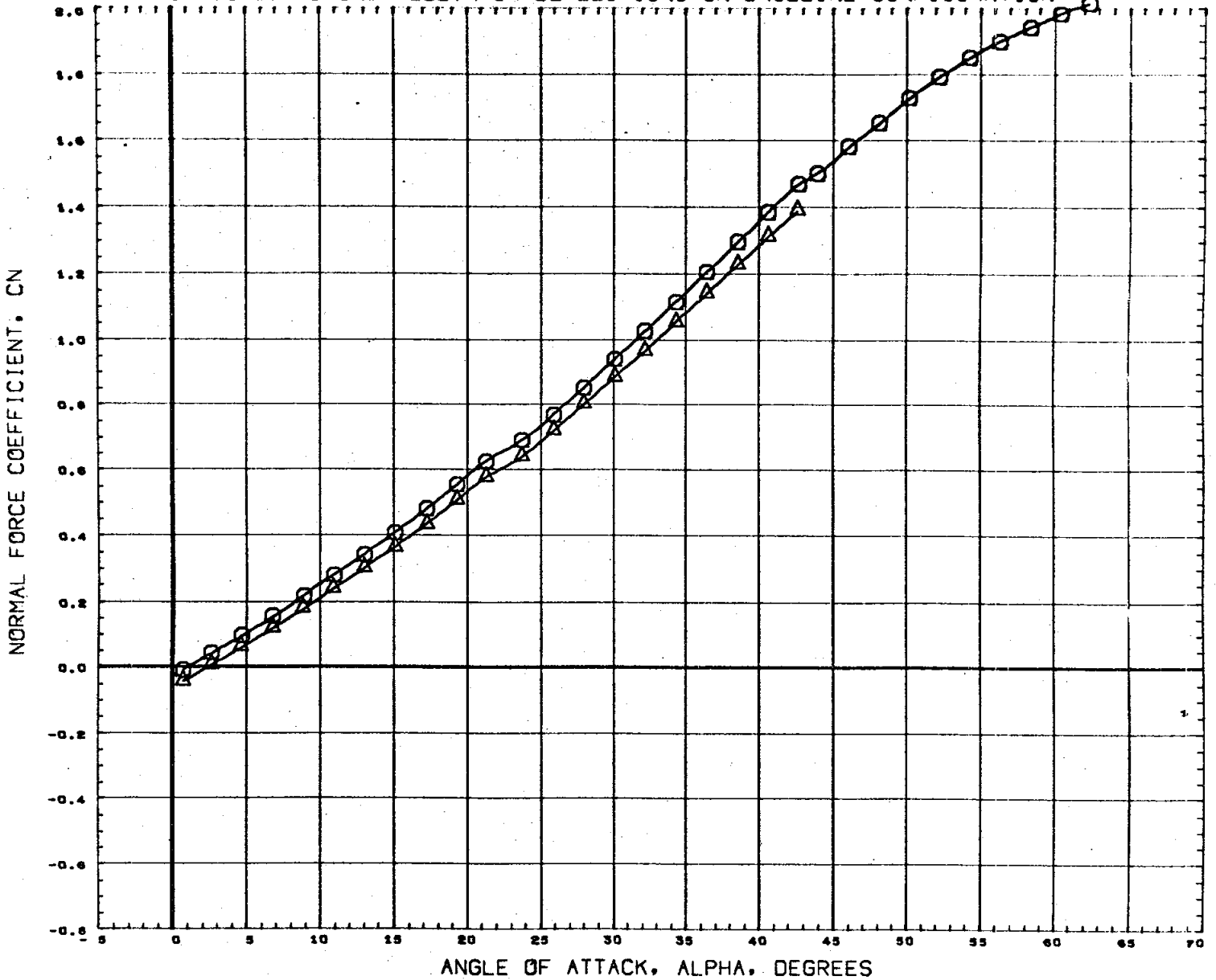


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97



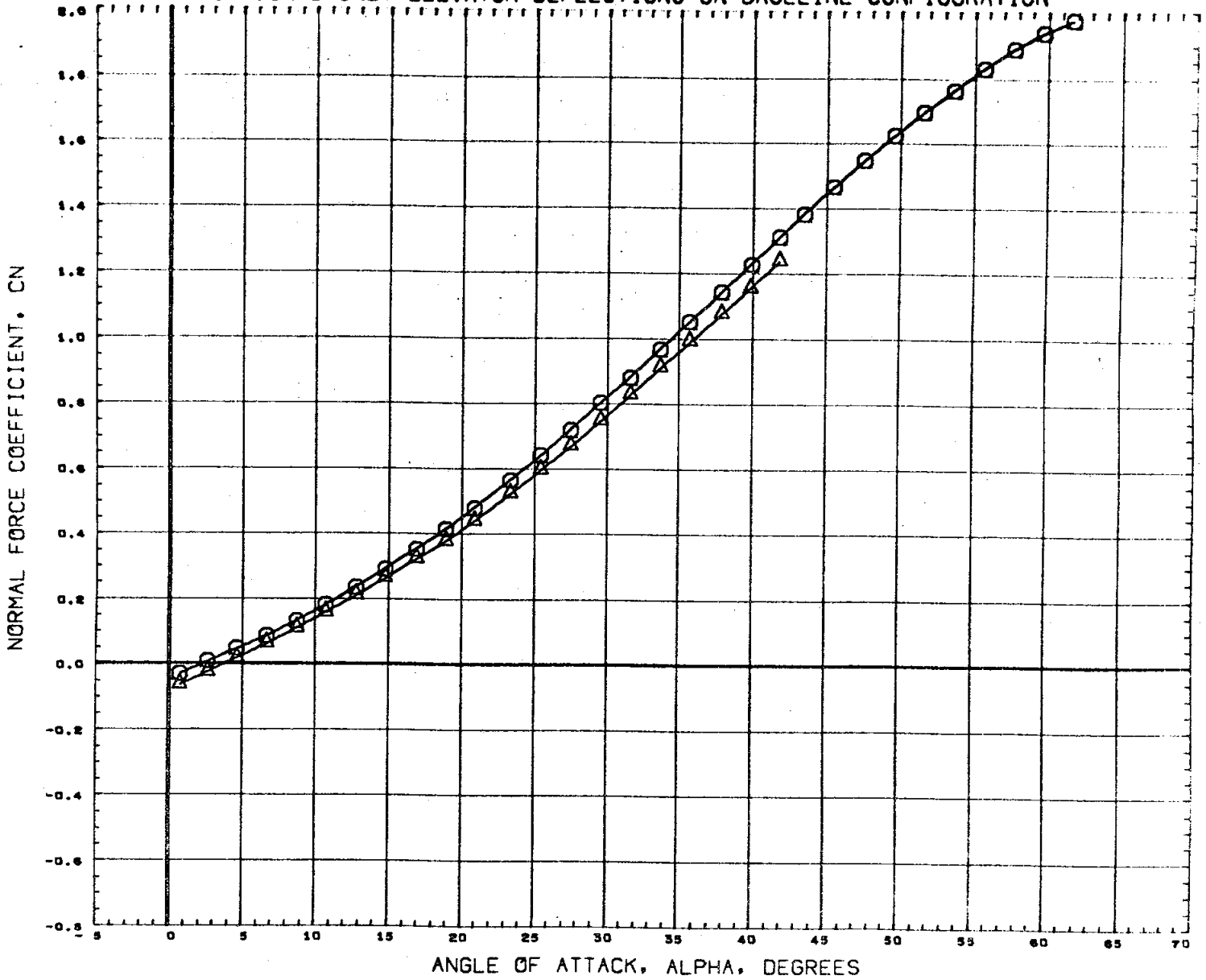
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

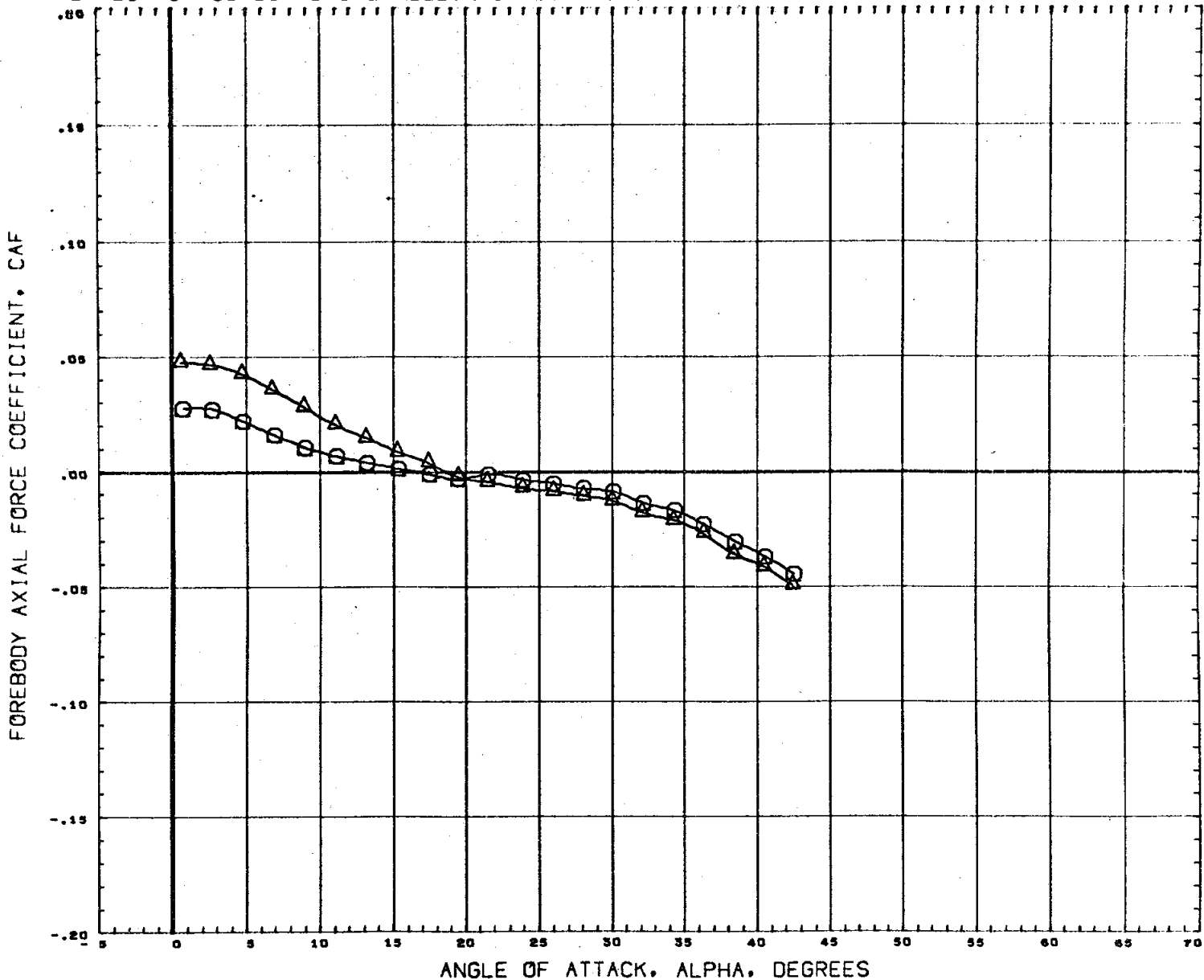
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

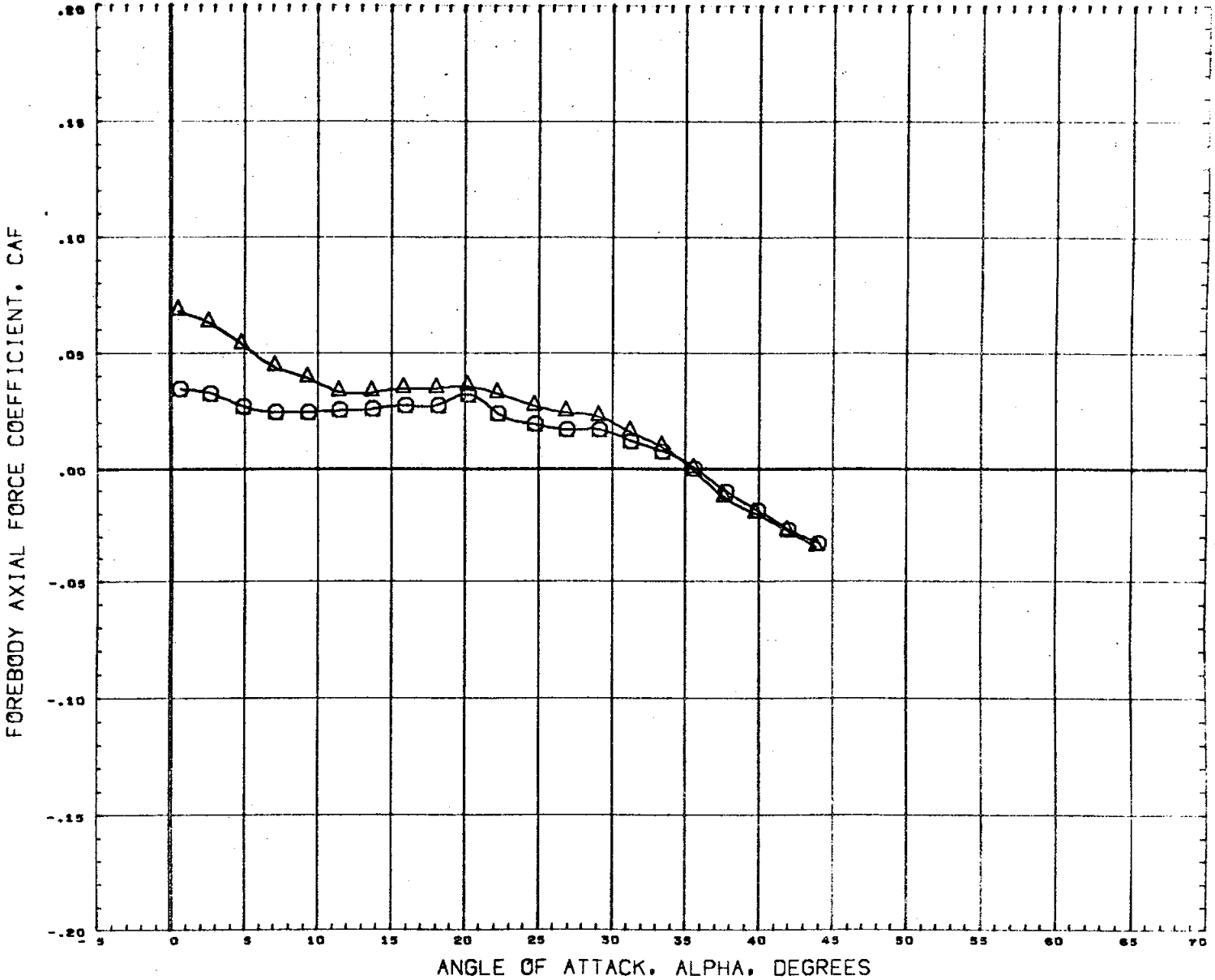
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

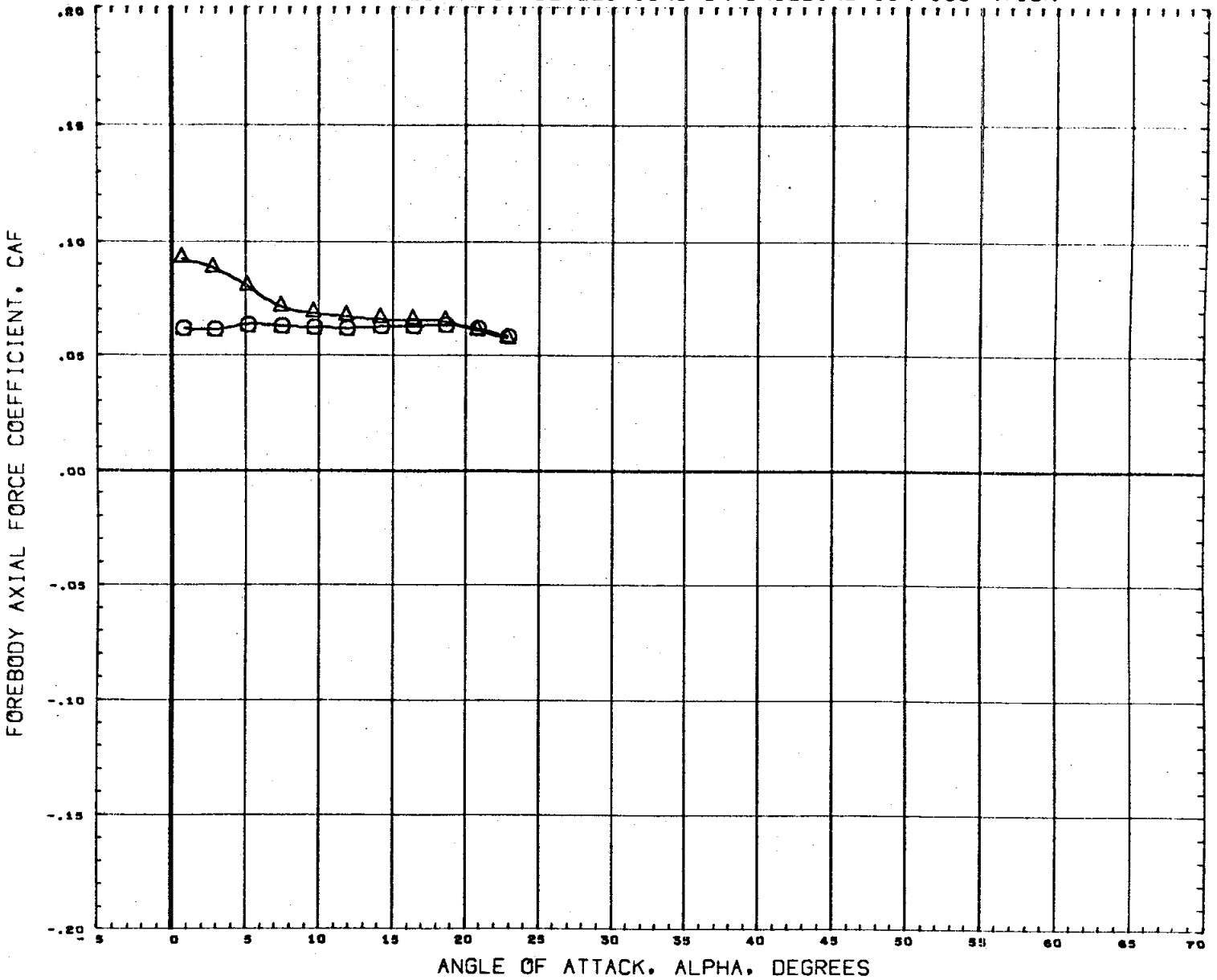
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

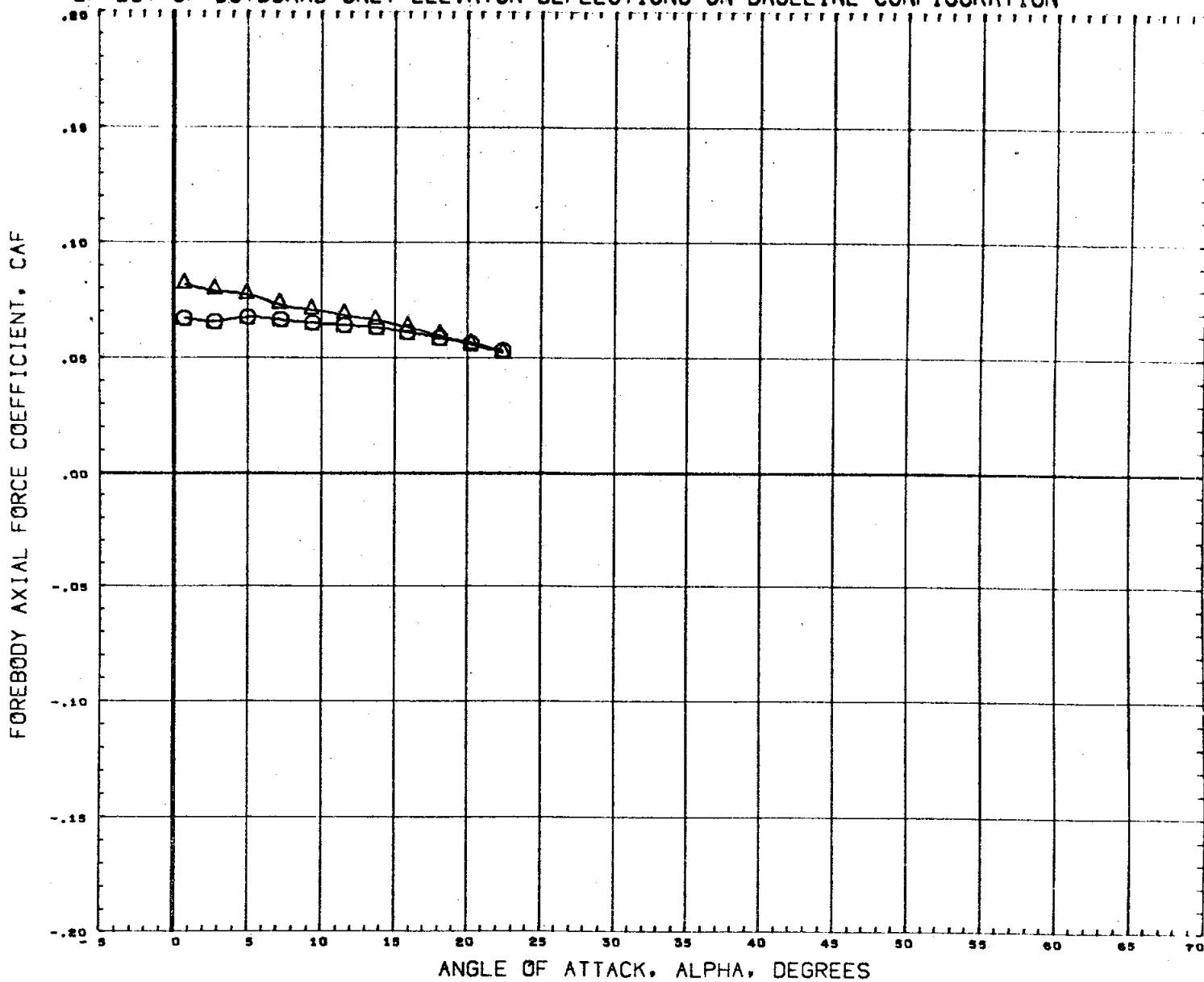
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

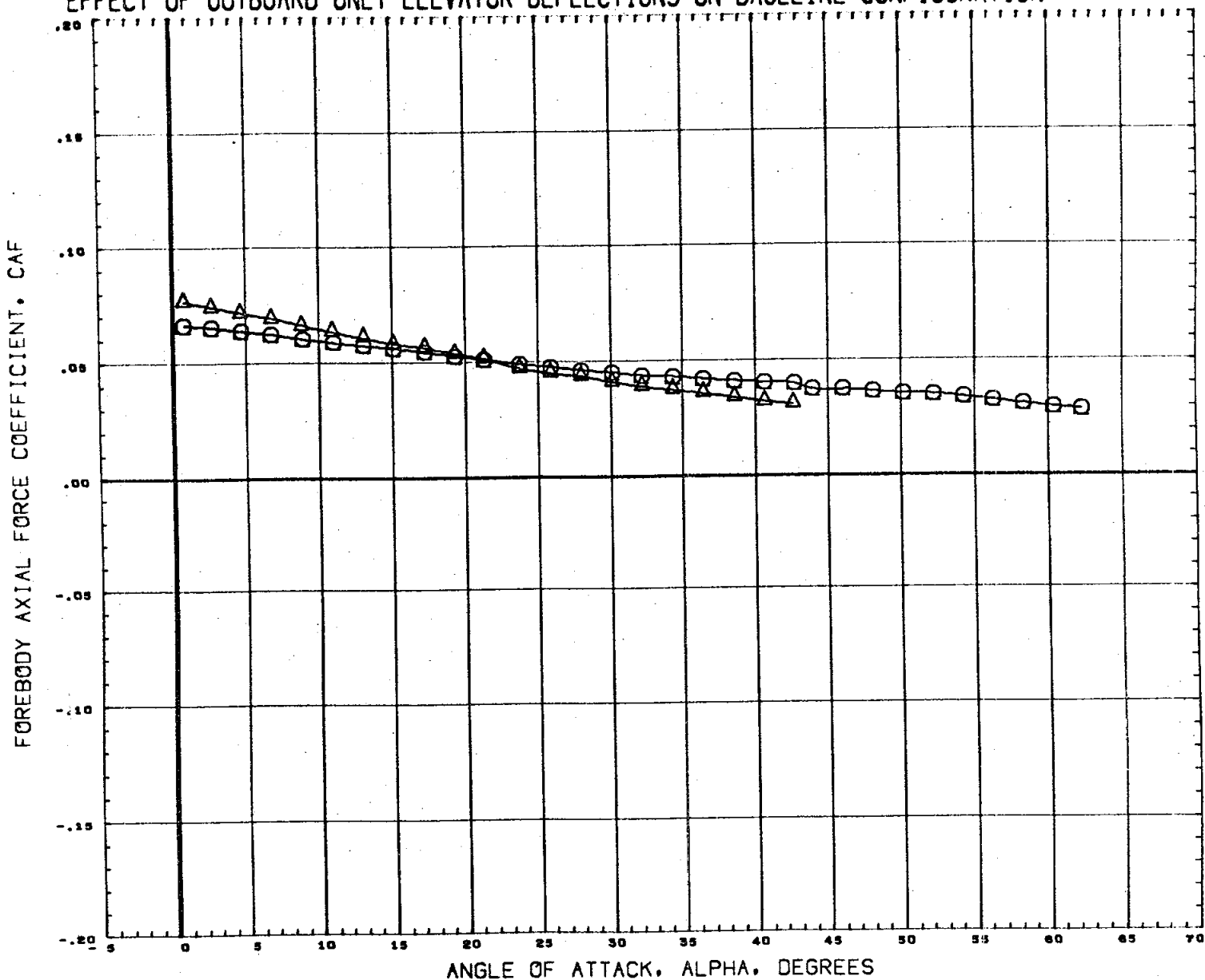
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76817)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

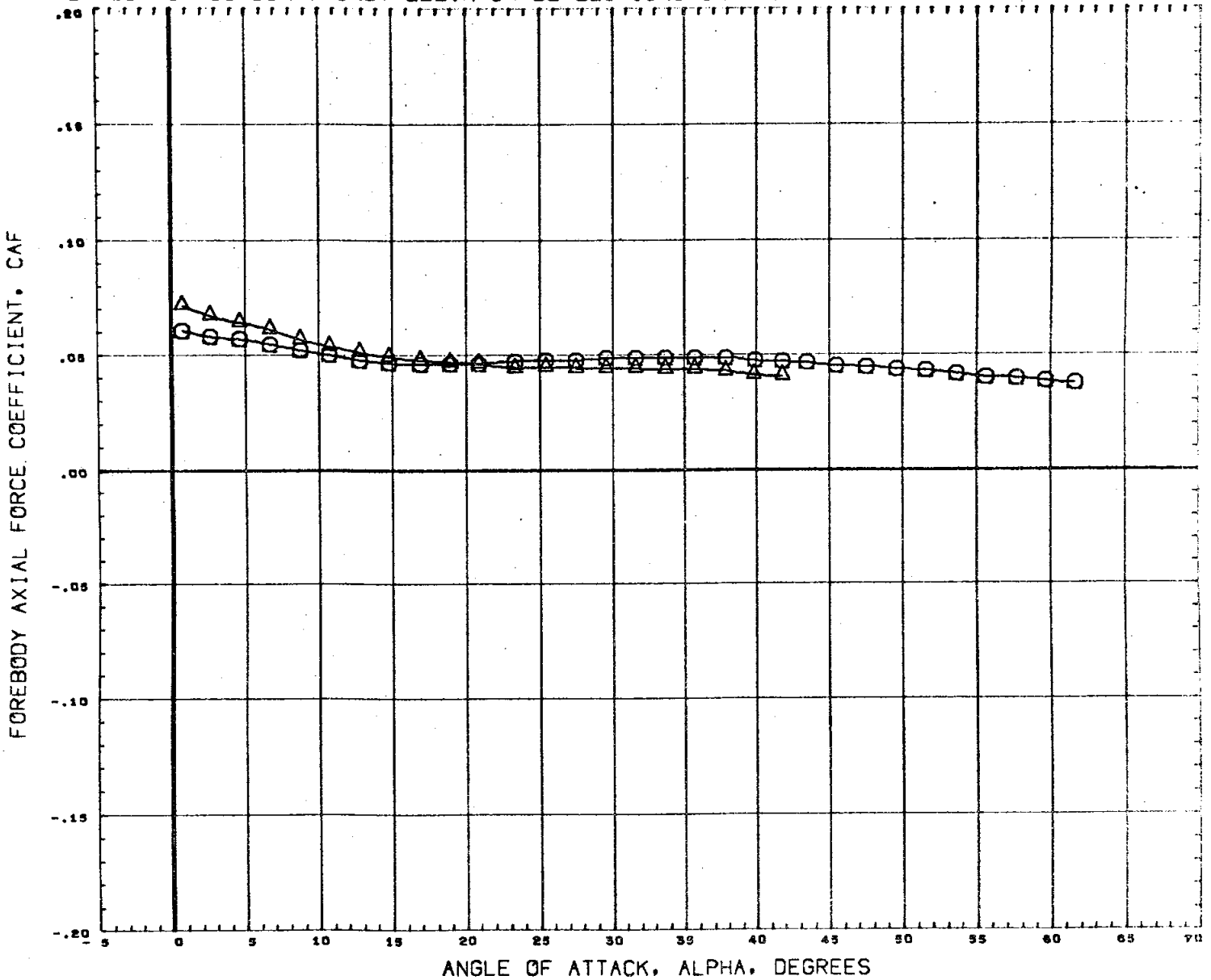
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



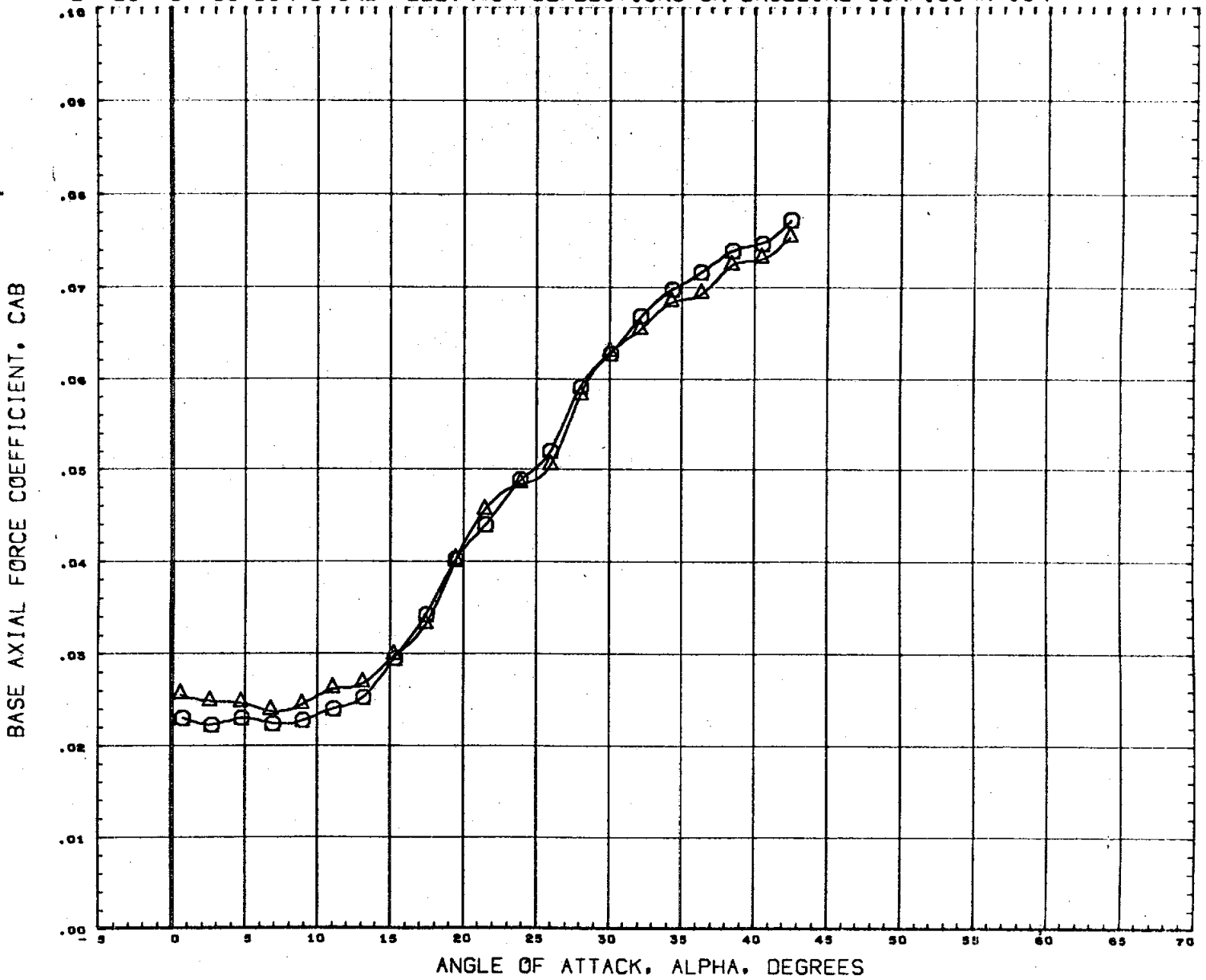
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76317)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 4.96



# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



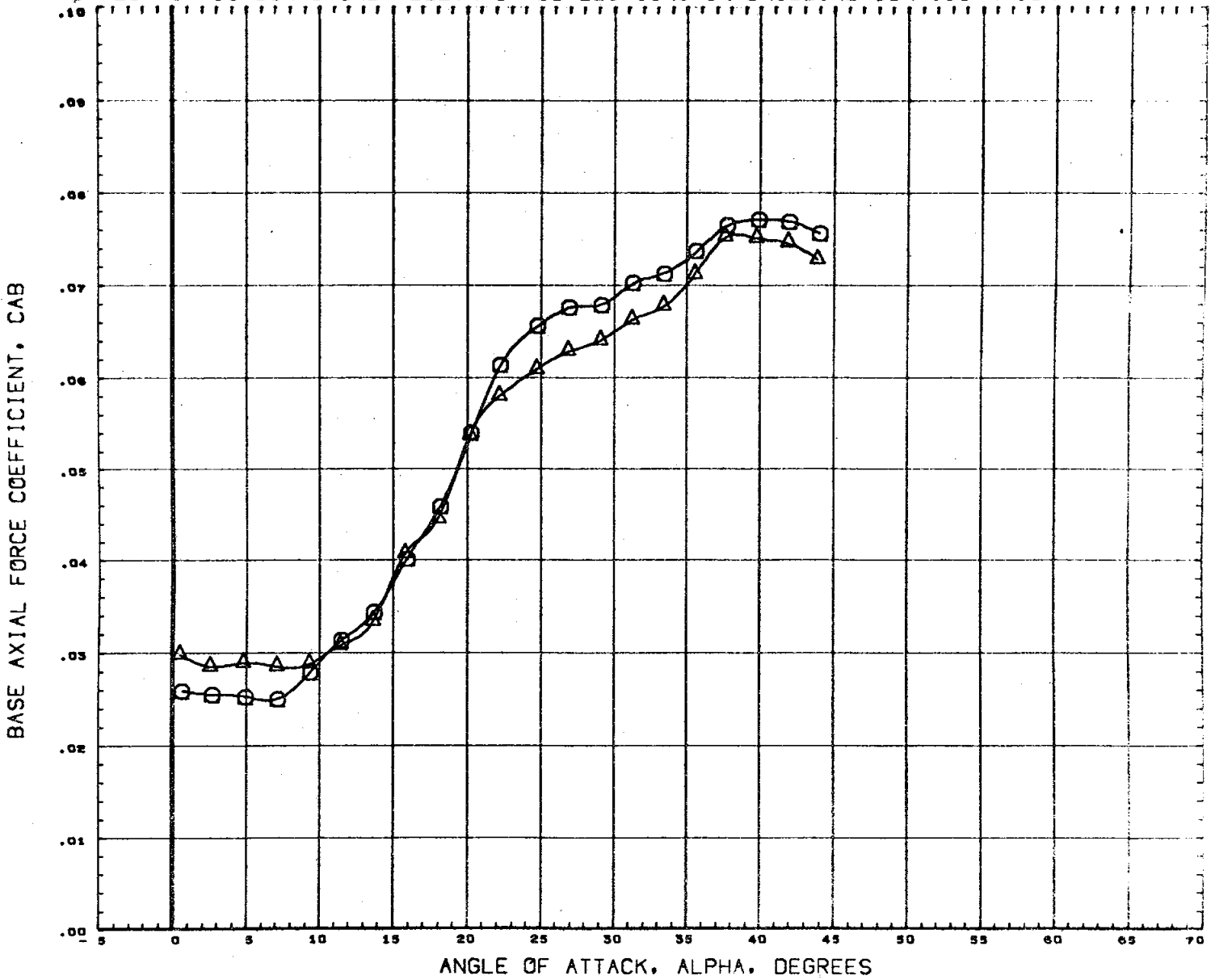
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .59

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# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

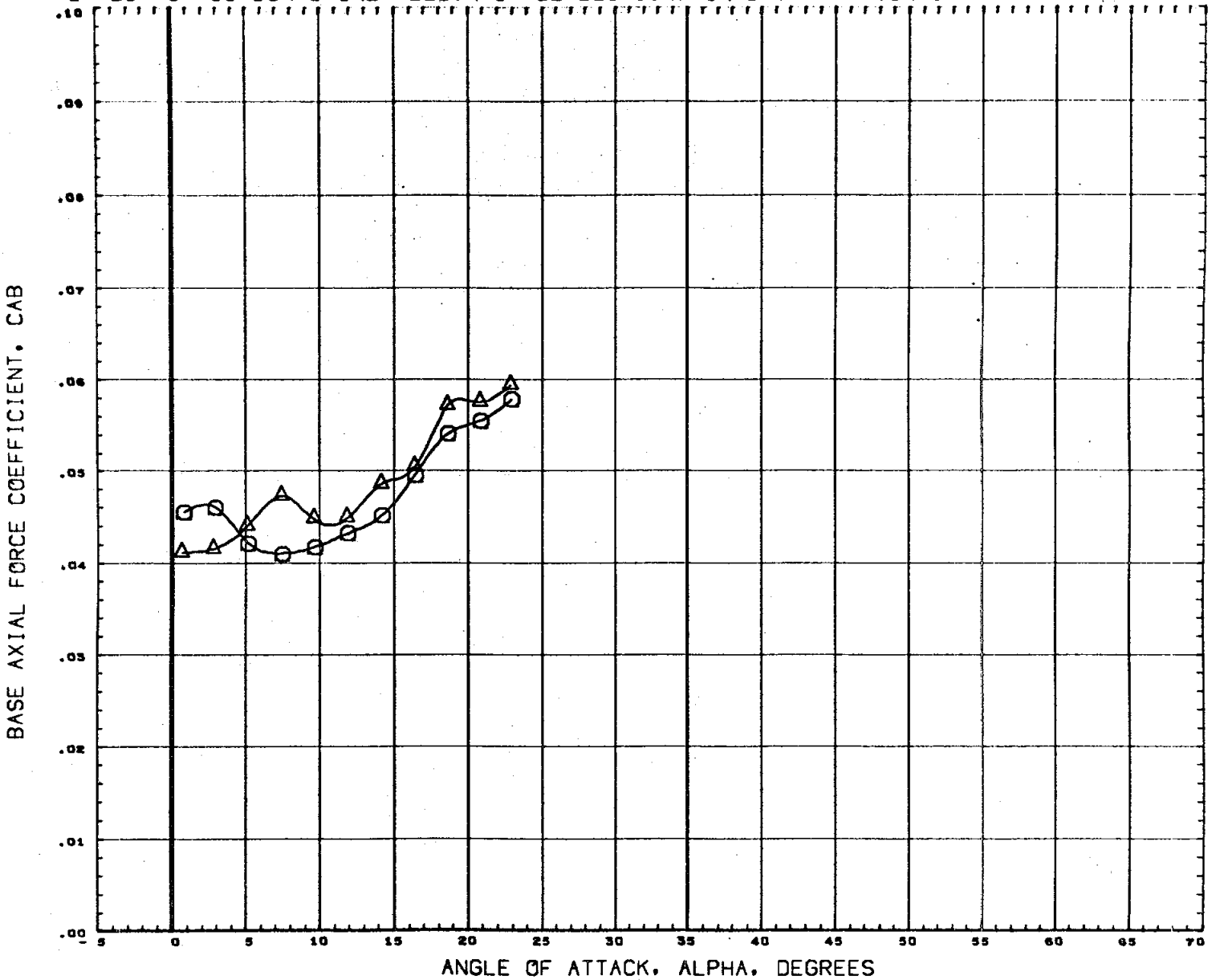


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .90

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# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

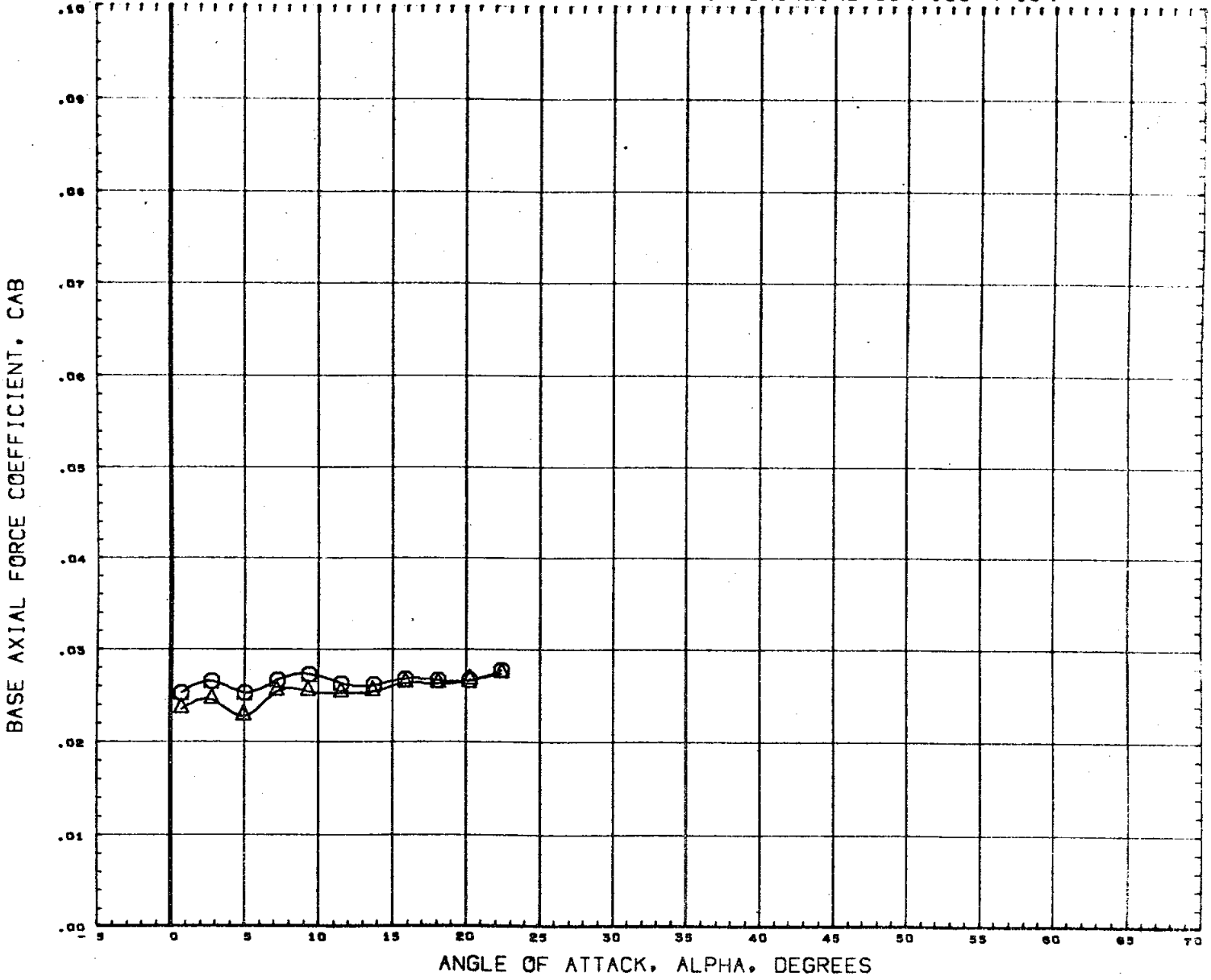


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

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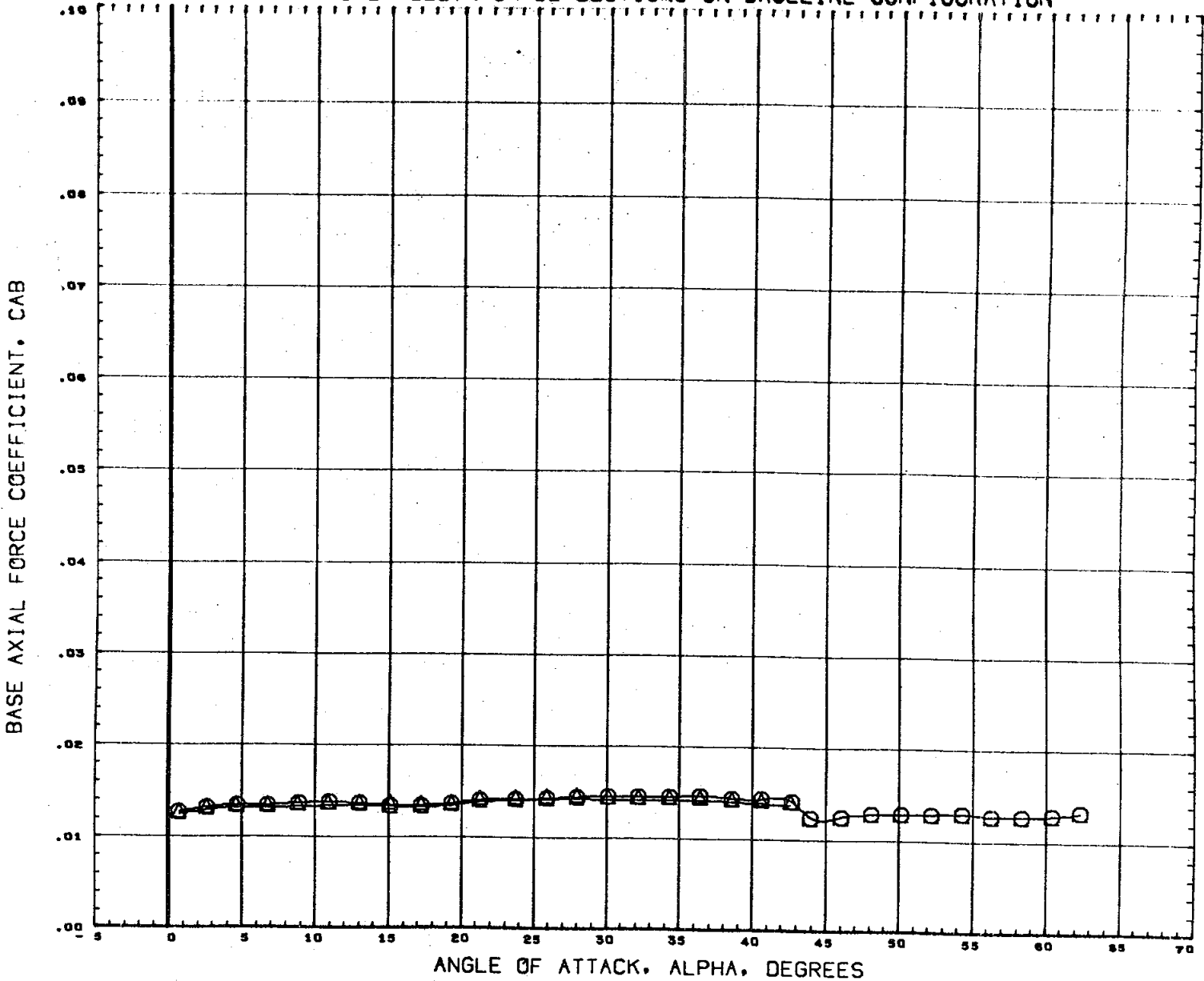
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDLV	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

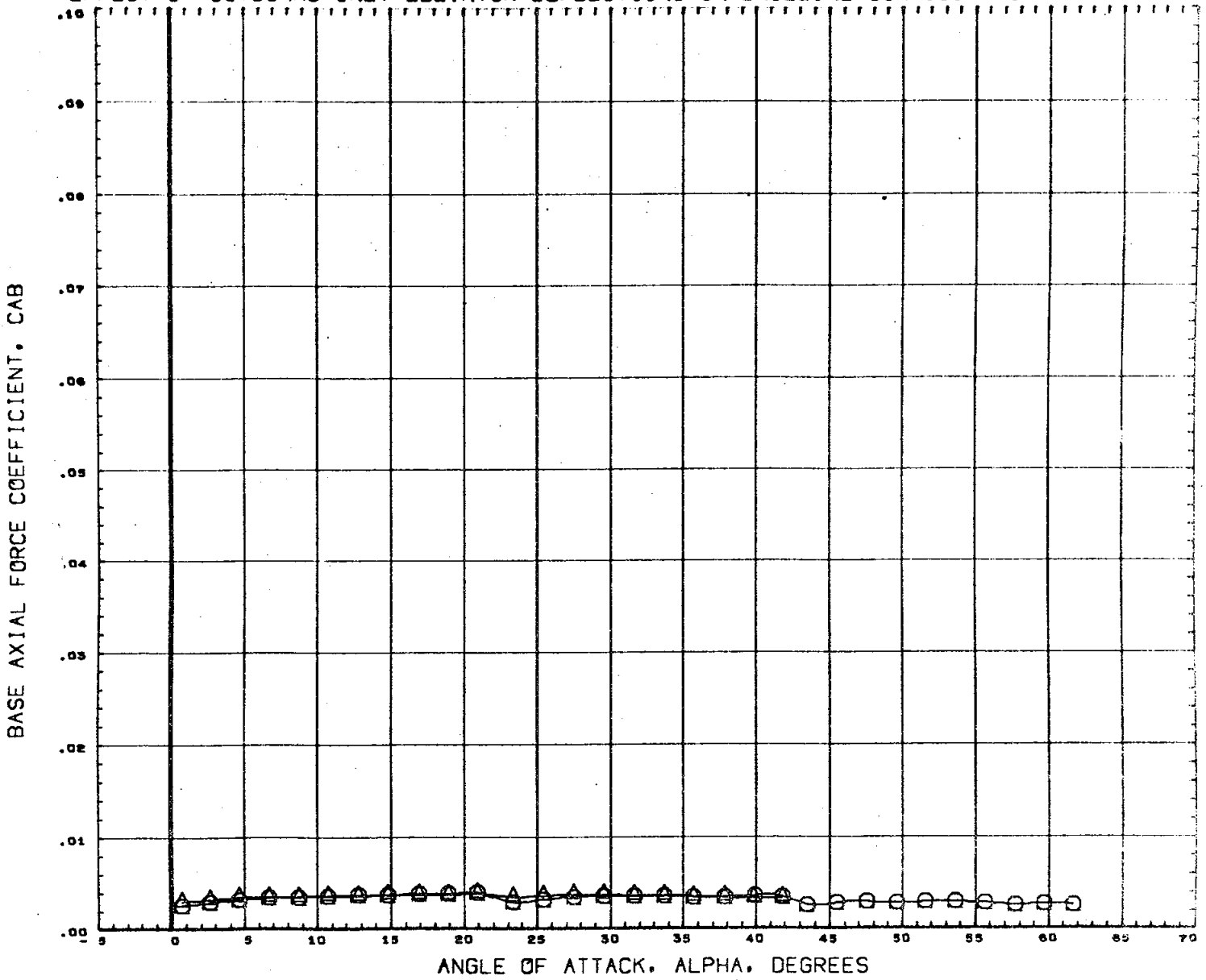


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 2.99

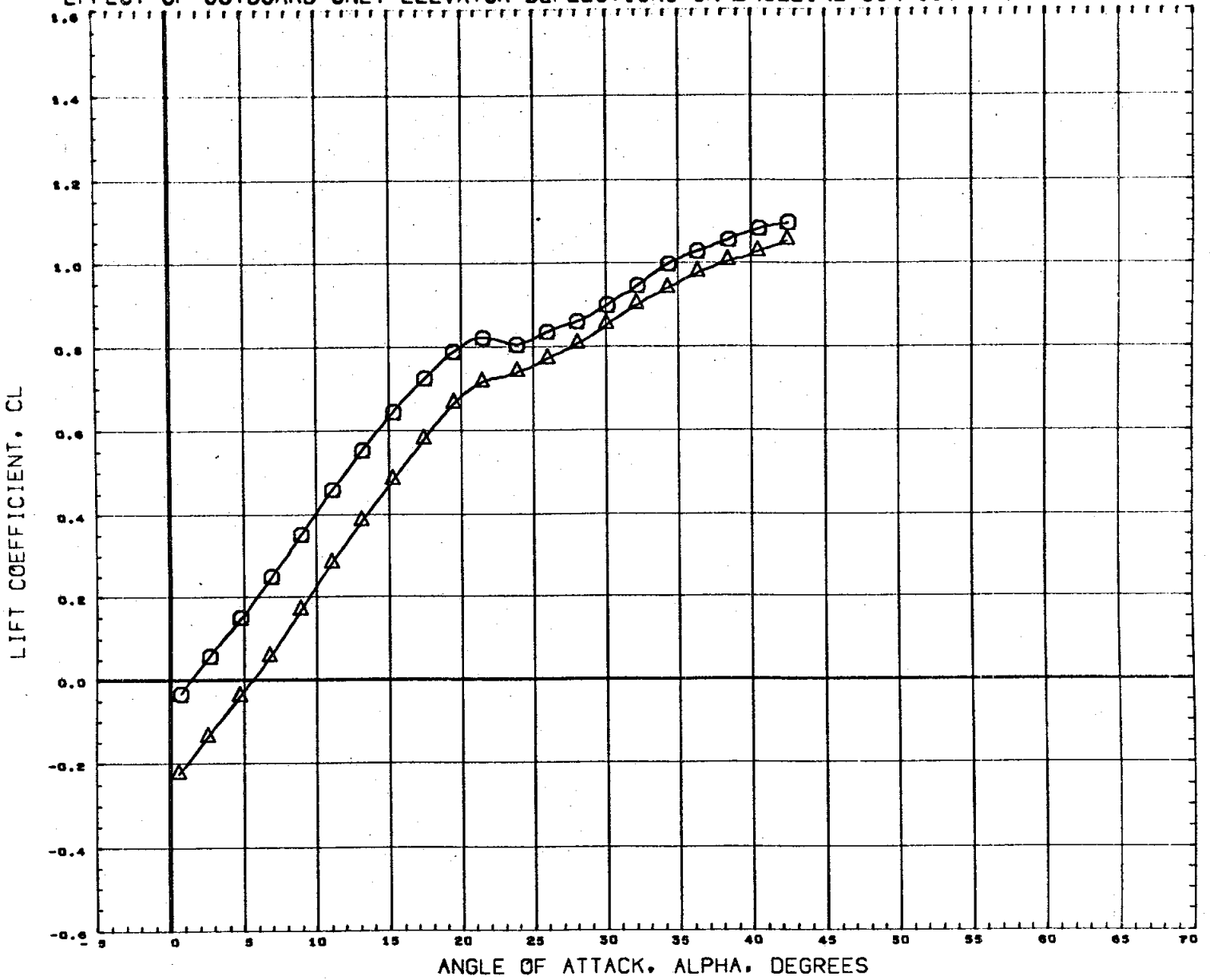
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4550 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

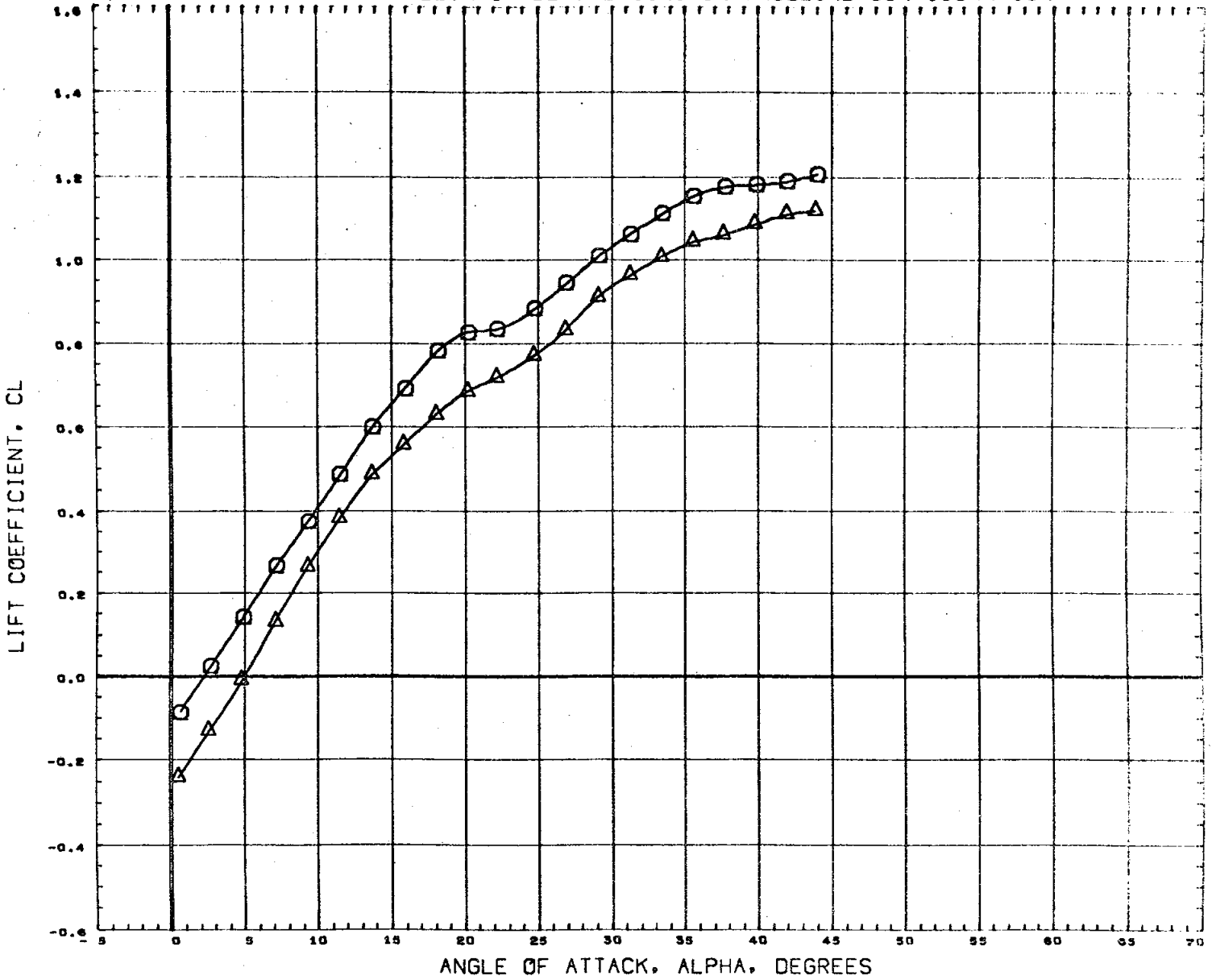
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

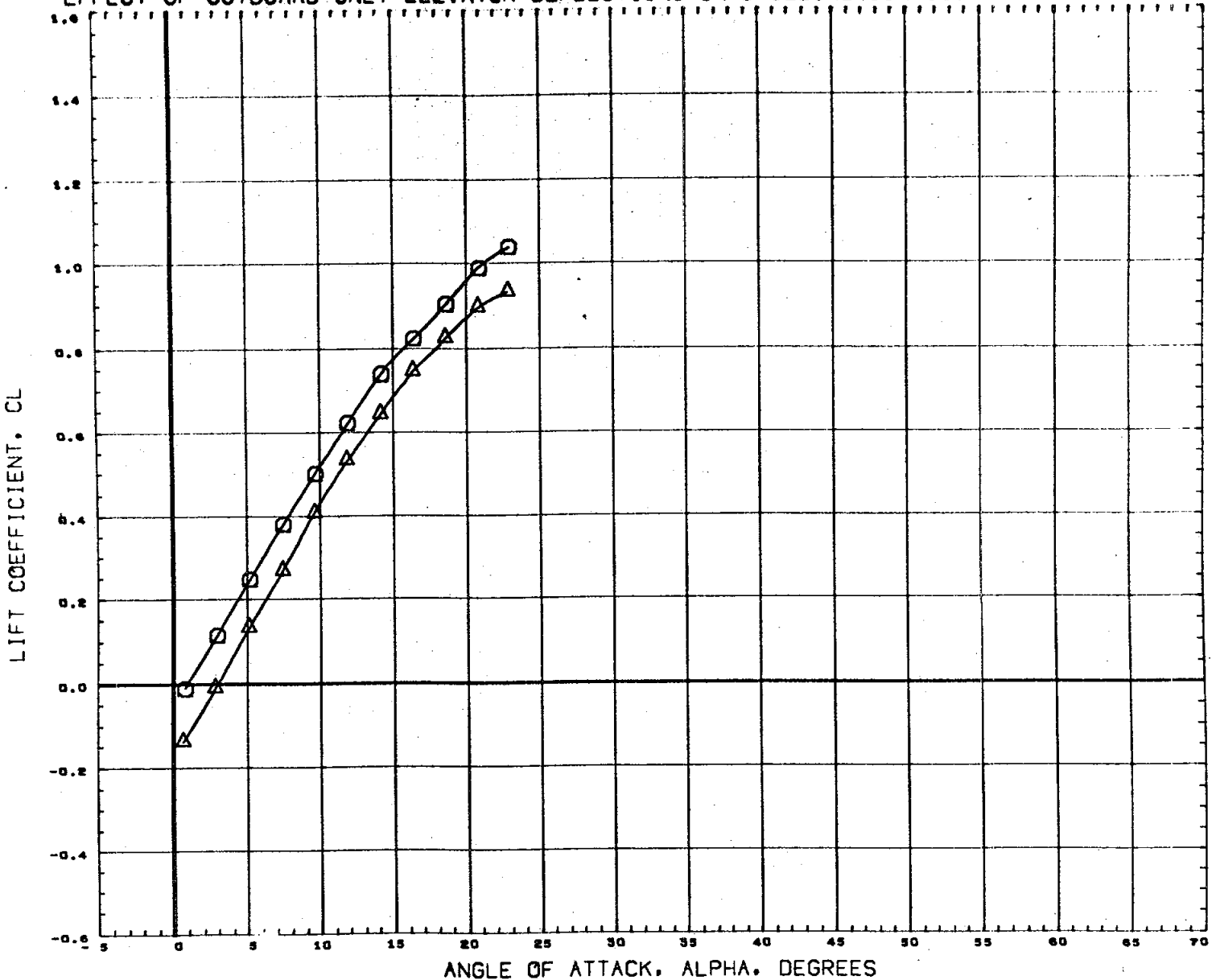


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90



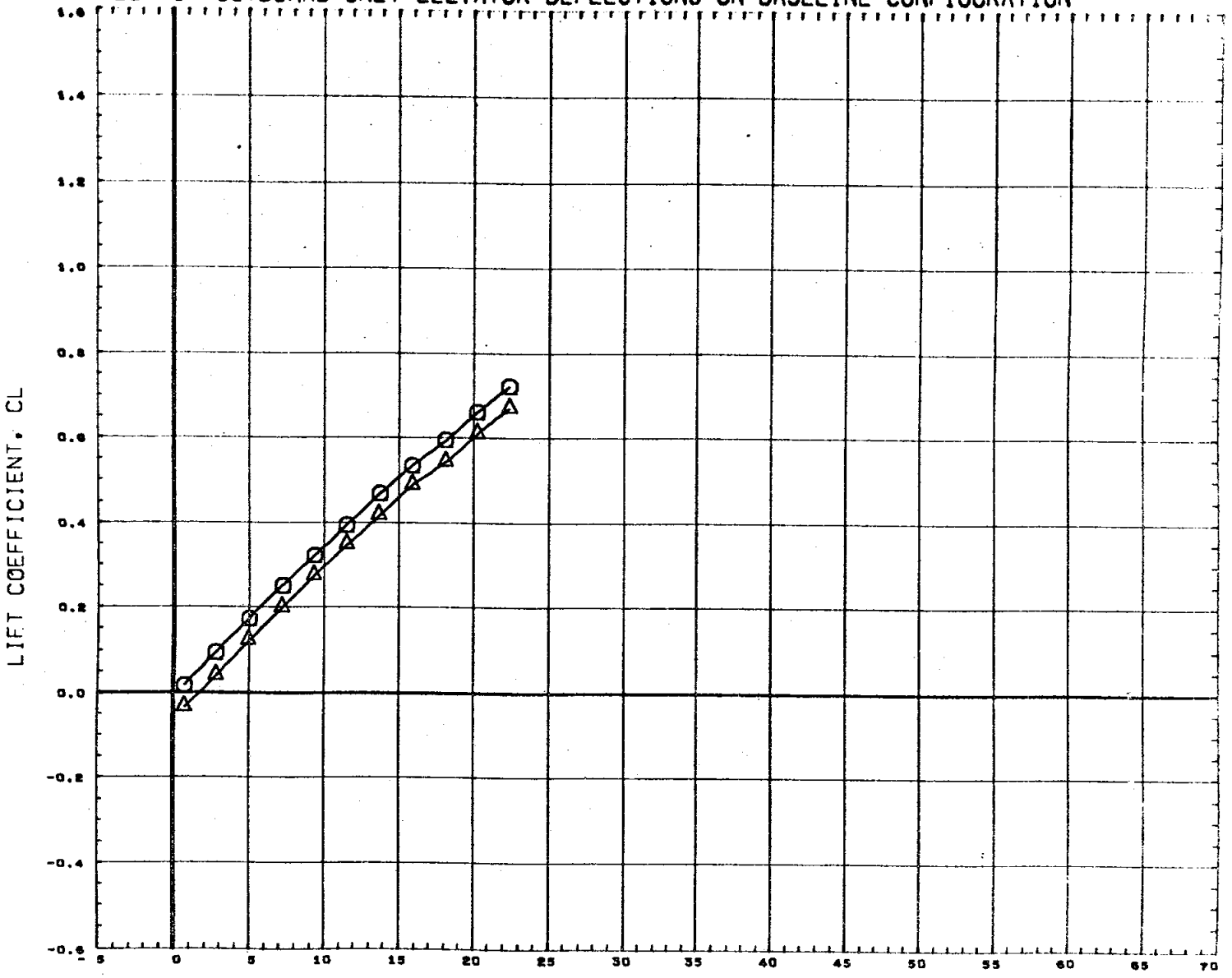
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
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					ZHRP 0.0000 IN.
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MACH 1.20

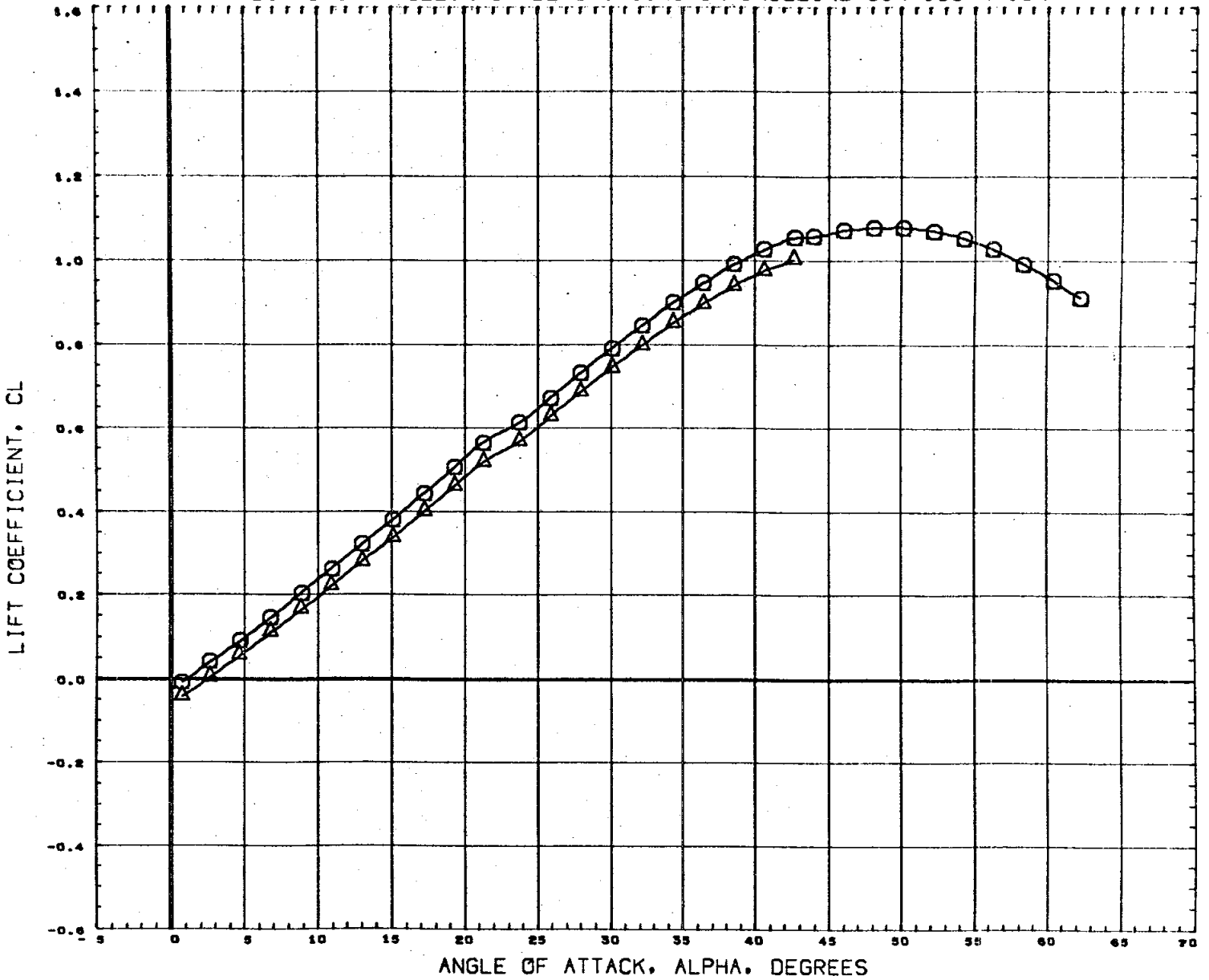
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OSDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

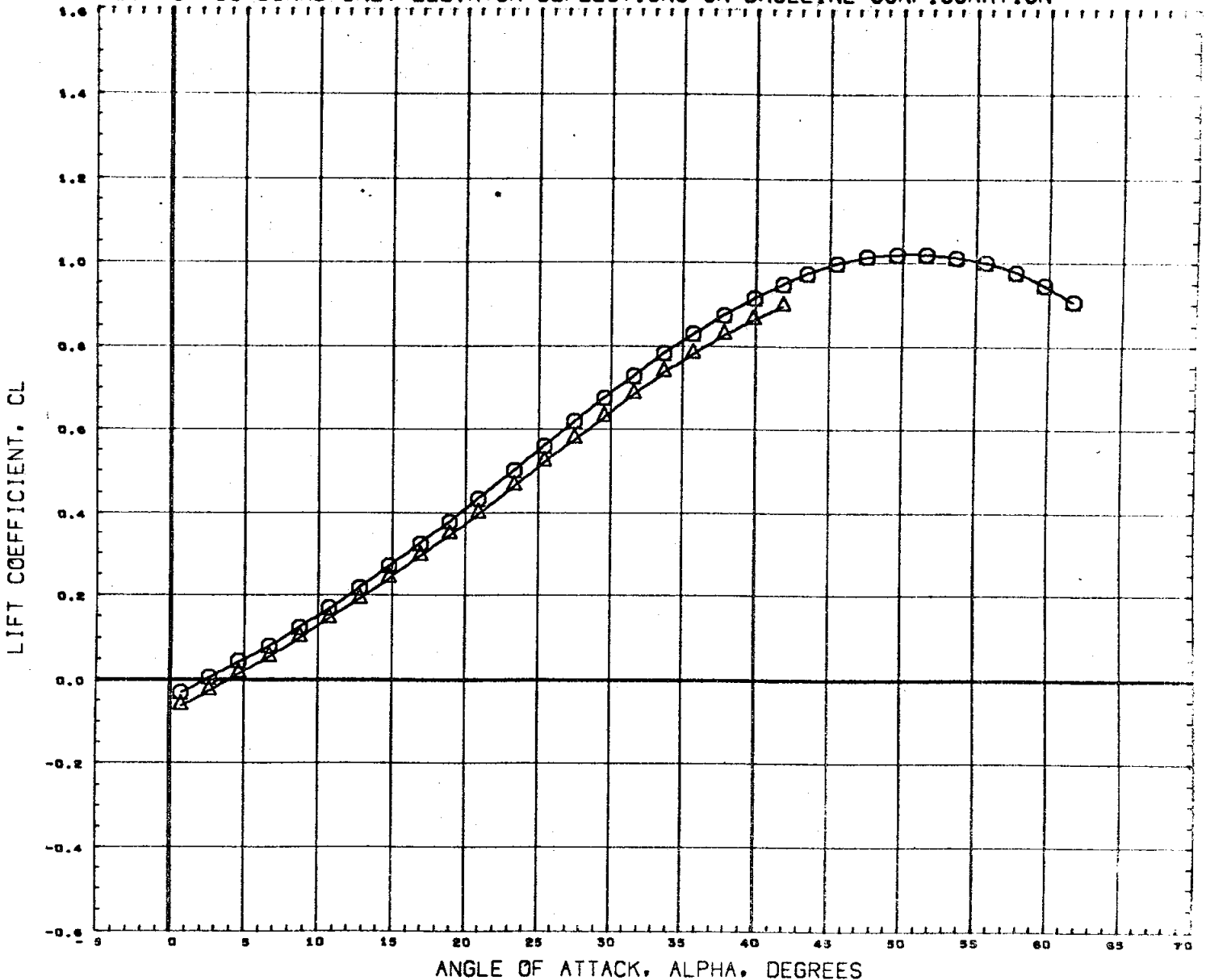


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76308)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ.IN.
(C76S17)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

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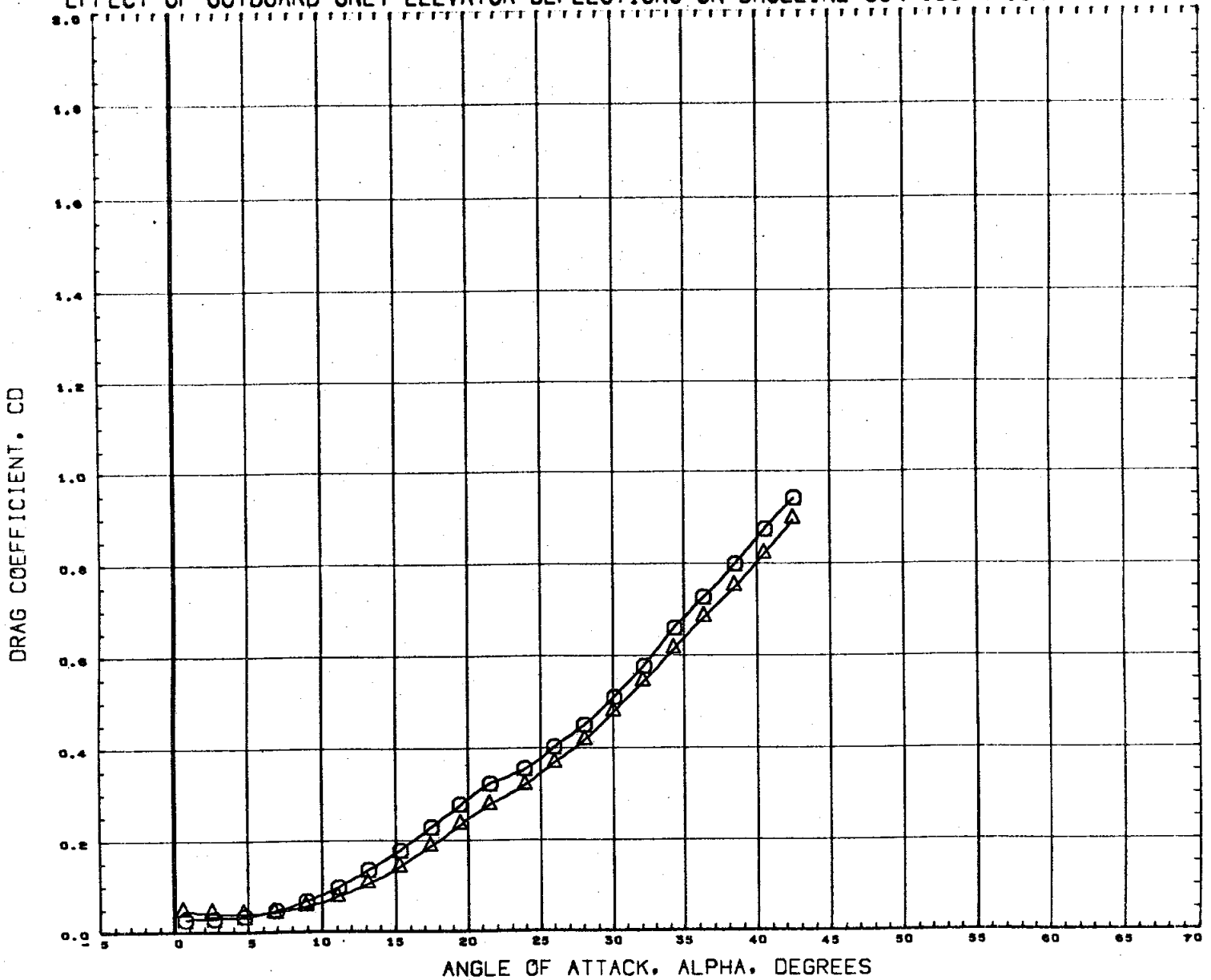
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4150 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

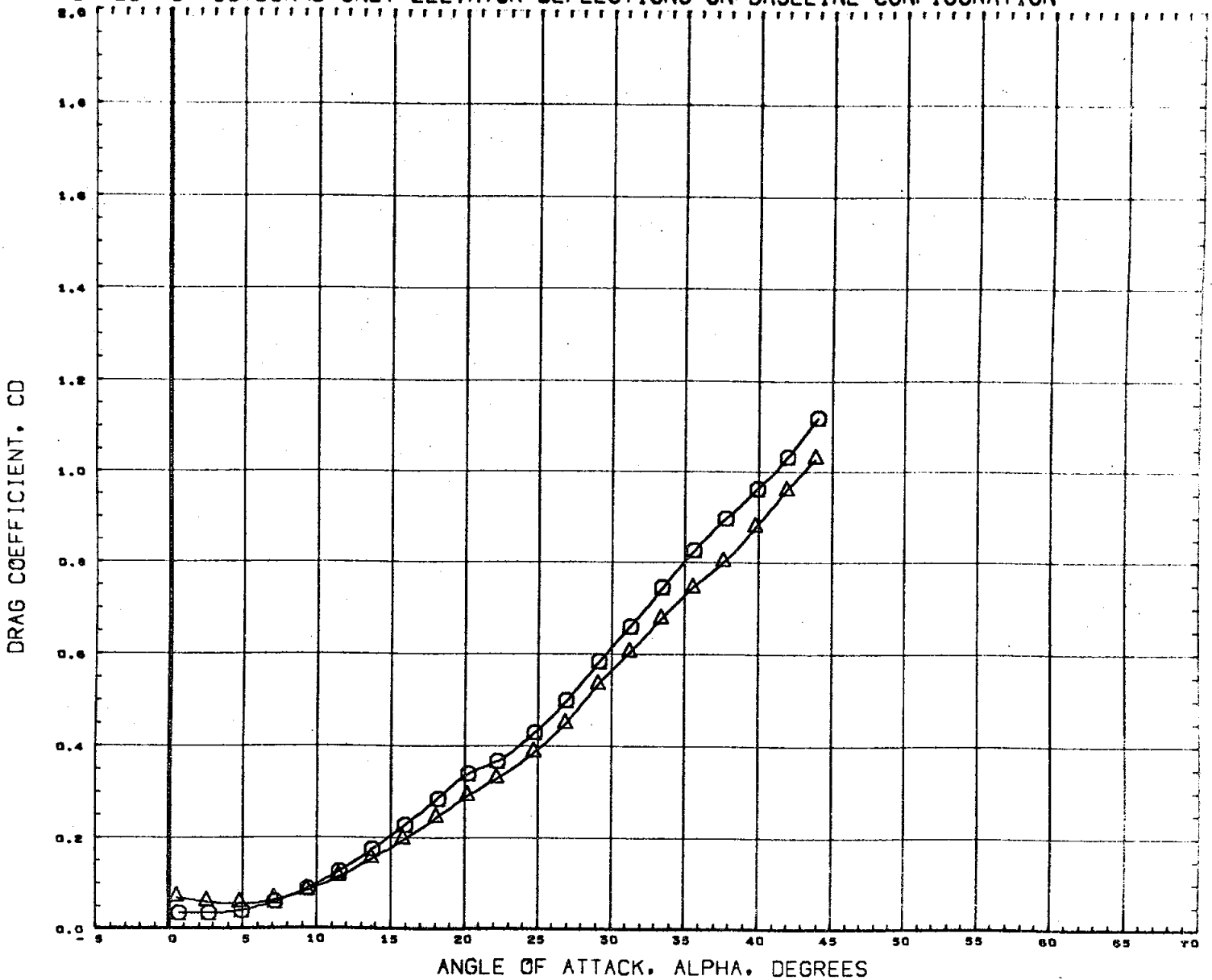
MACH 4.96

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

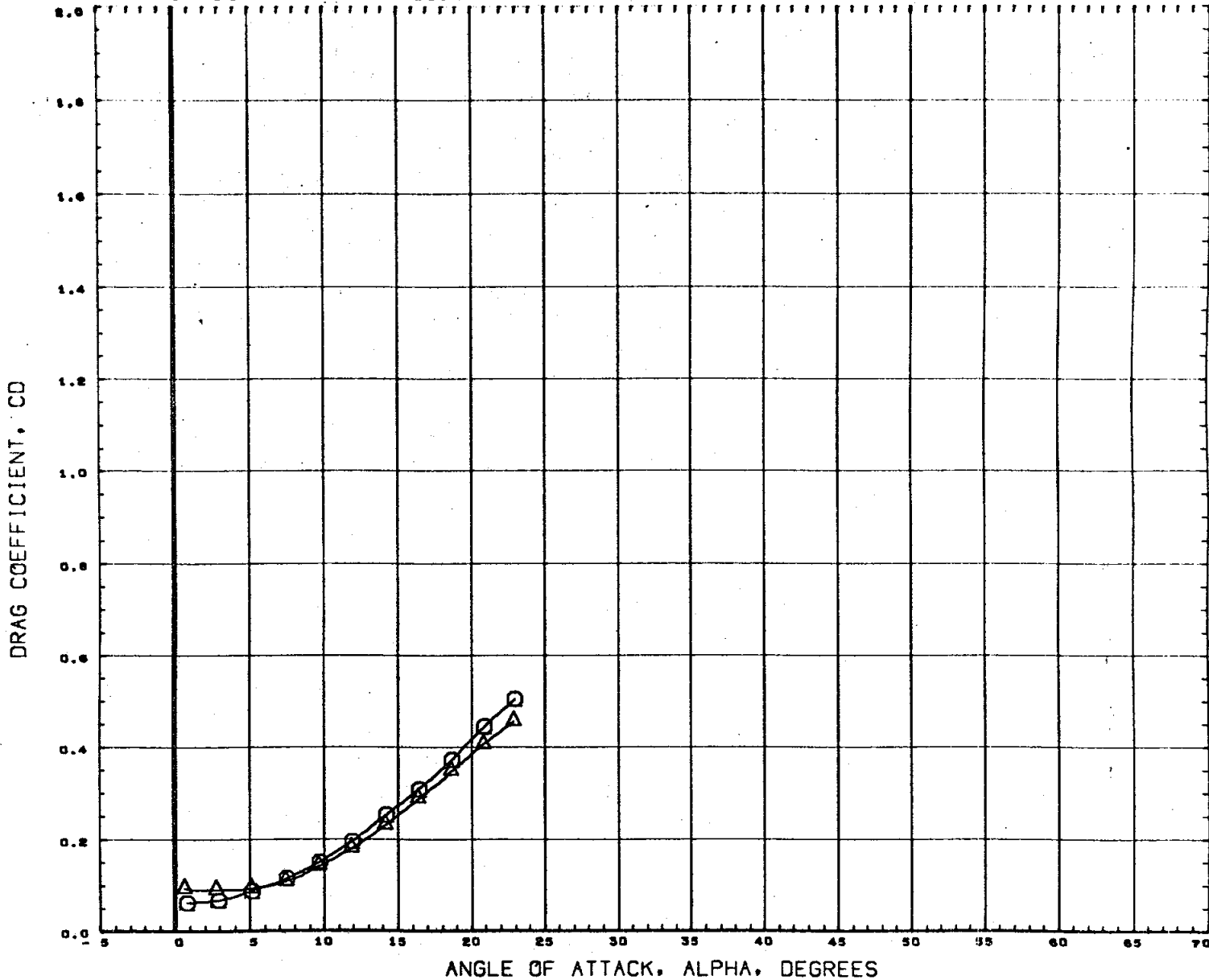
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76817)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

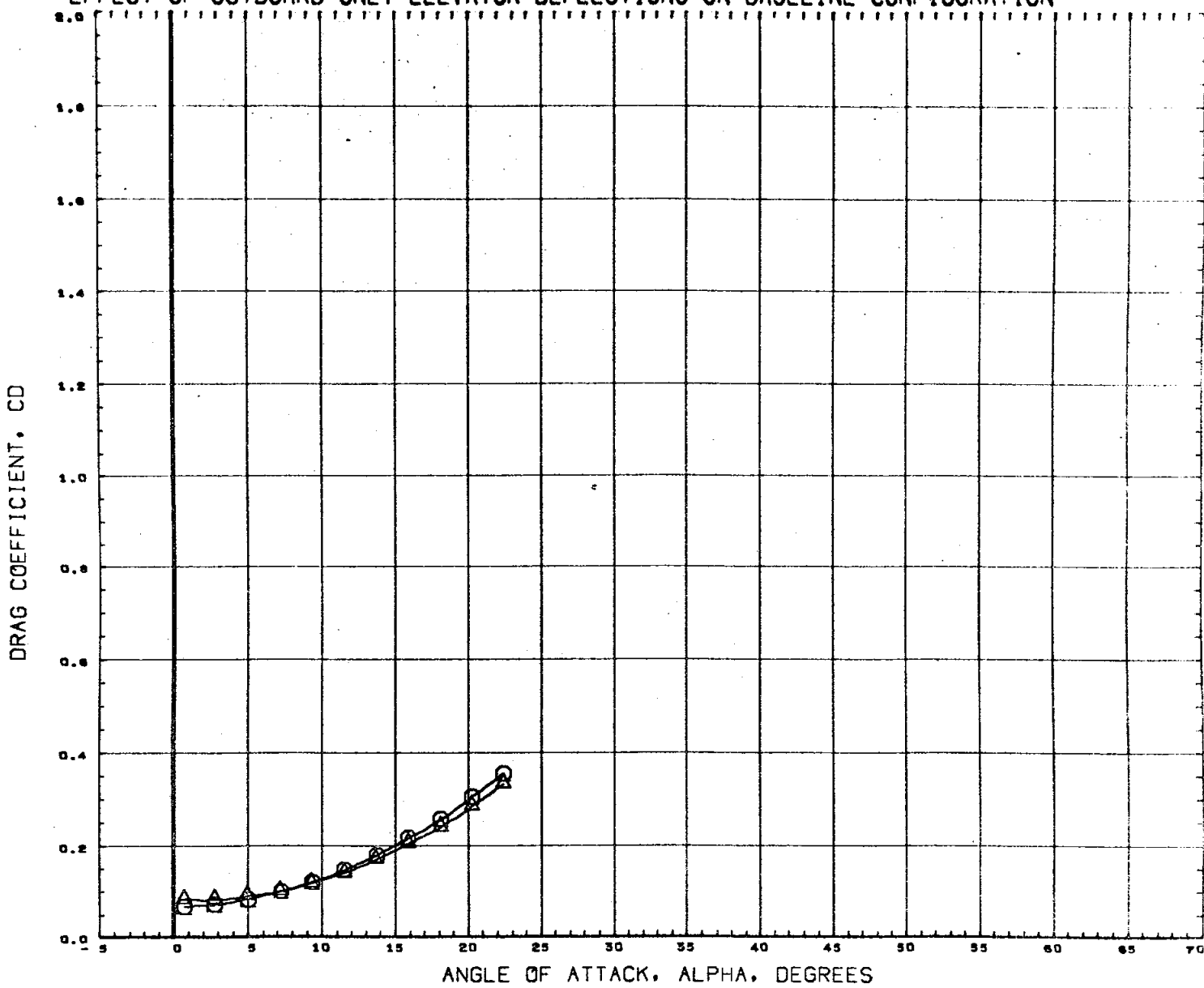
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

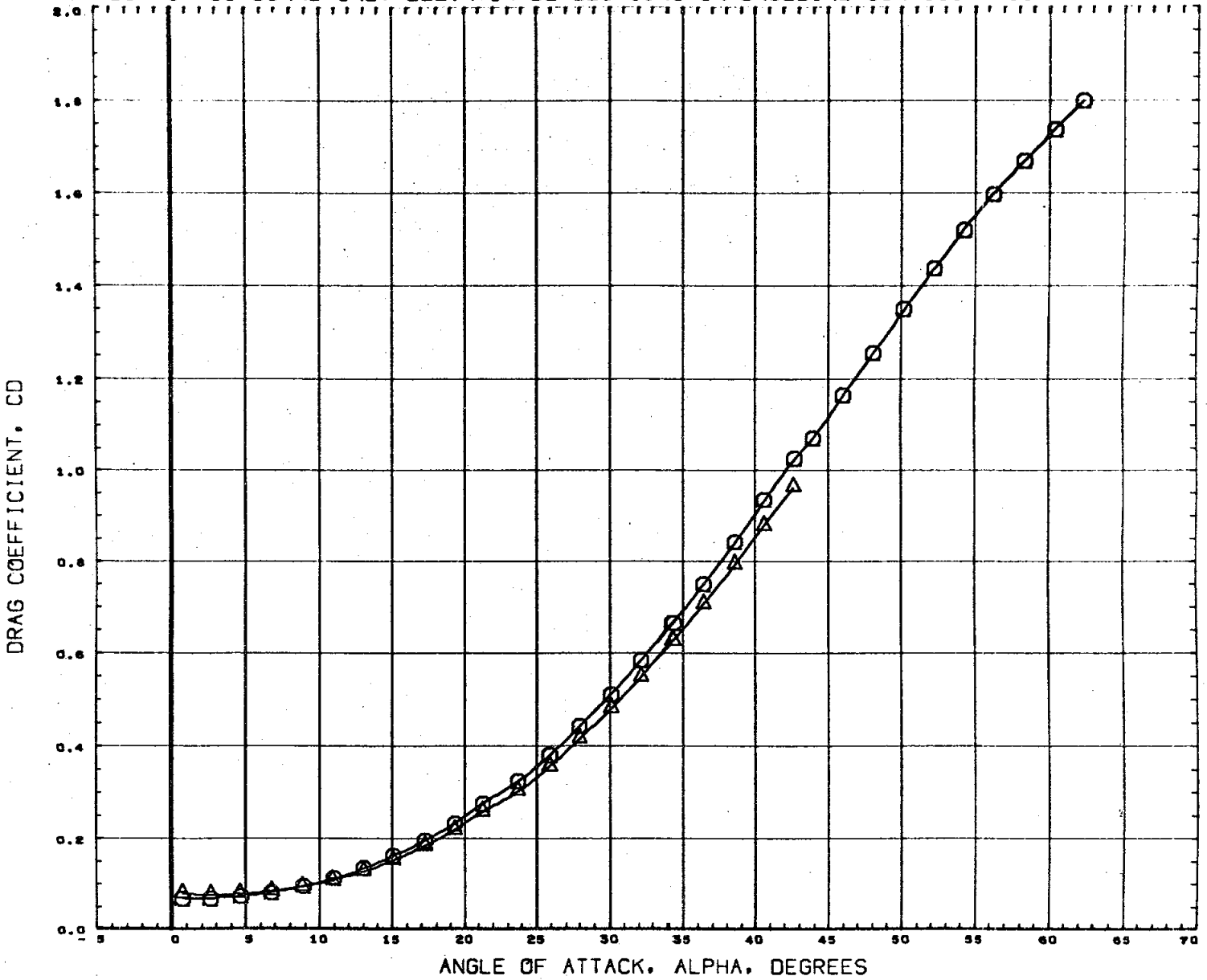


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
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					SCALE 0.0040

MACH 1.97



# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

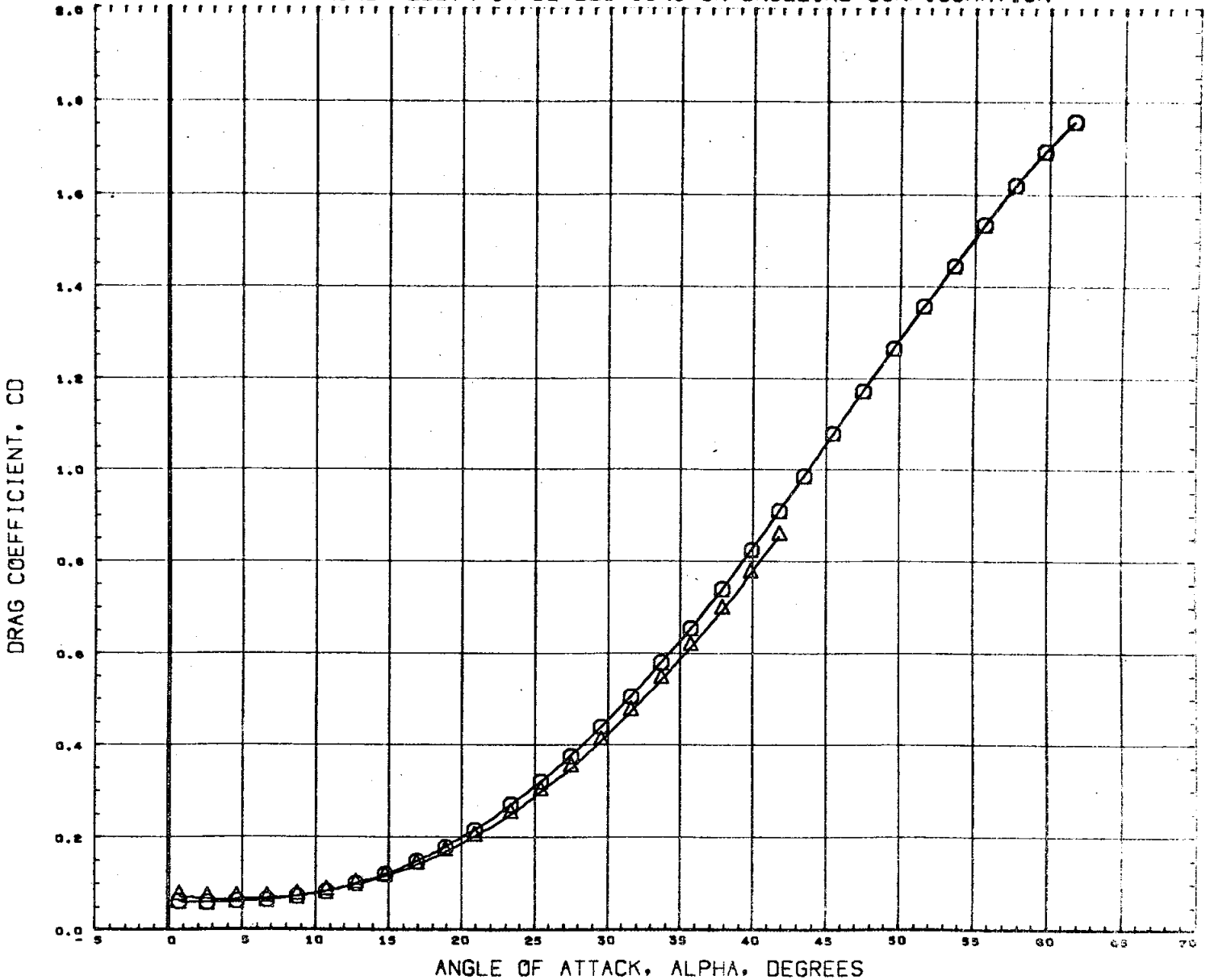


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OSDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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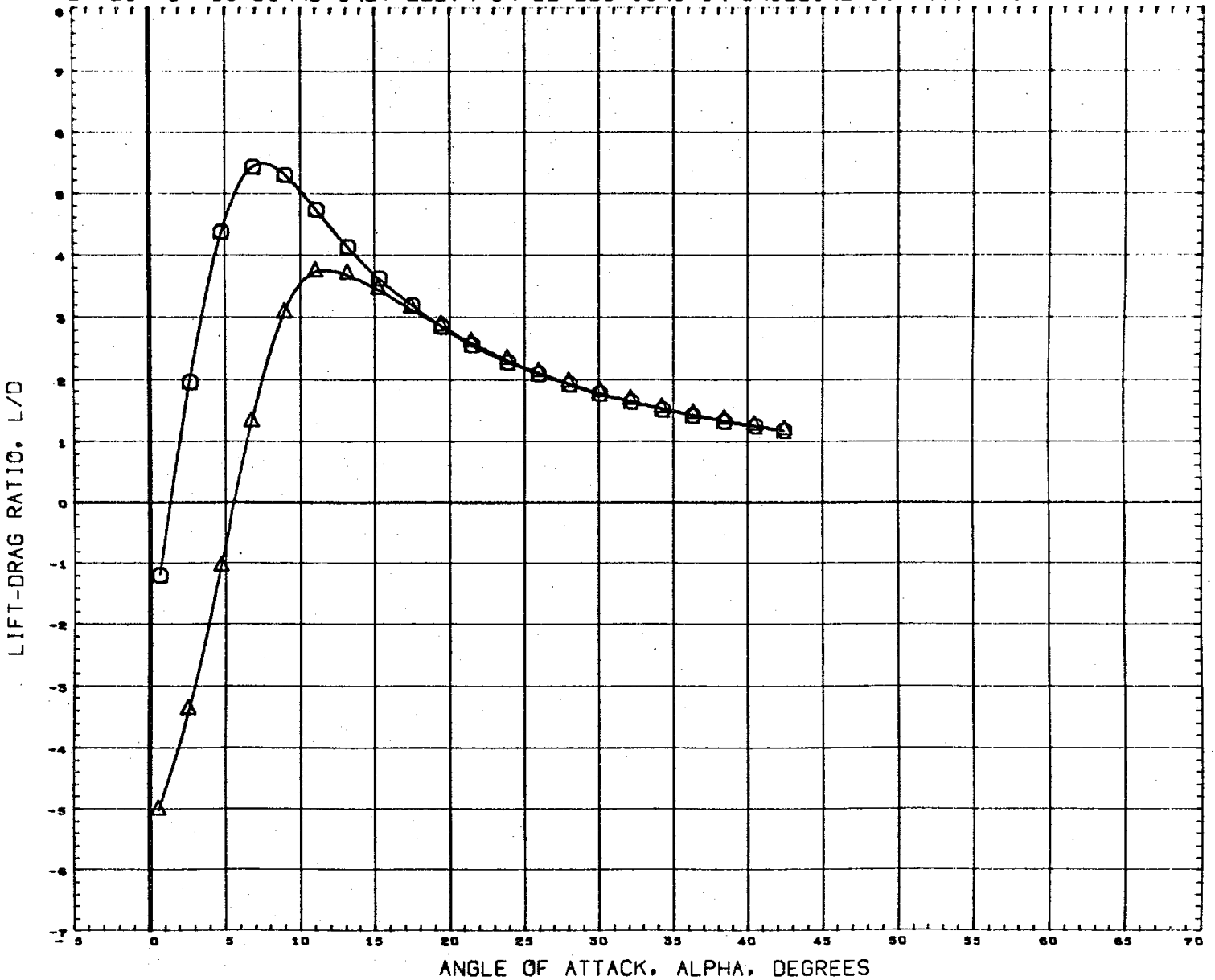
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	

MACH 4.96

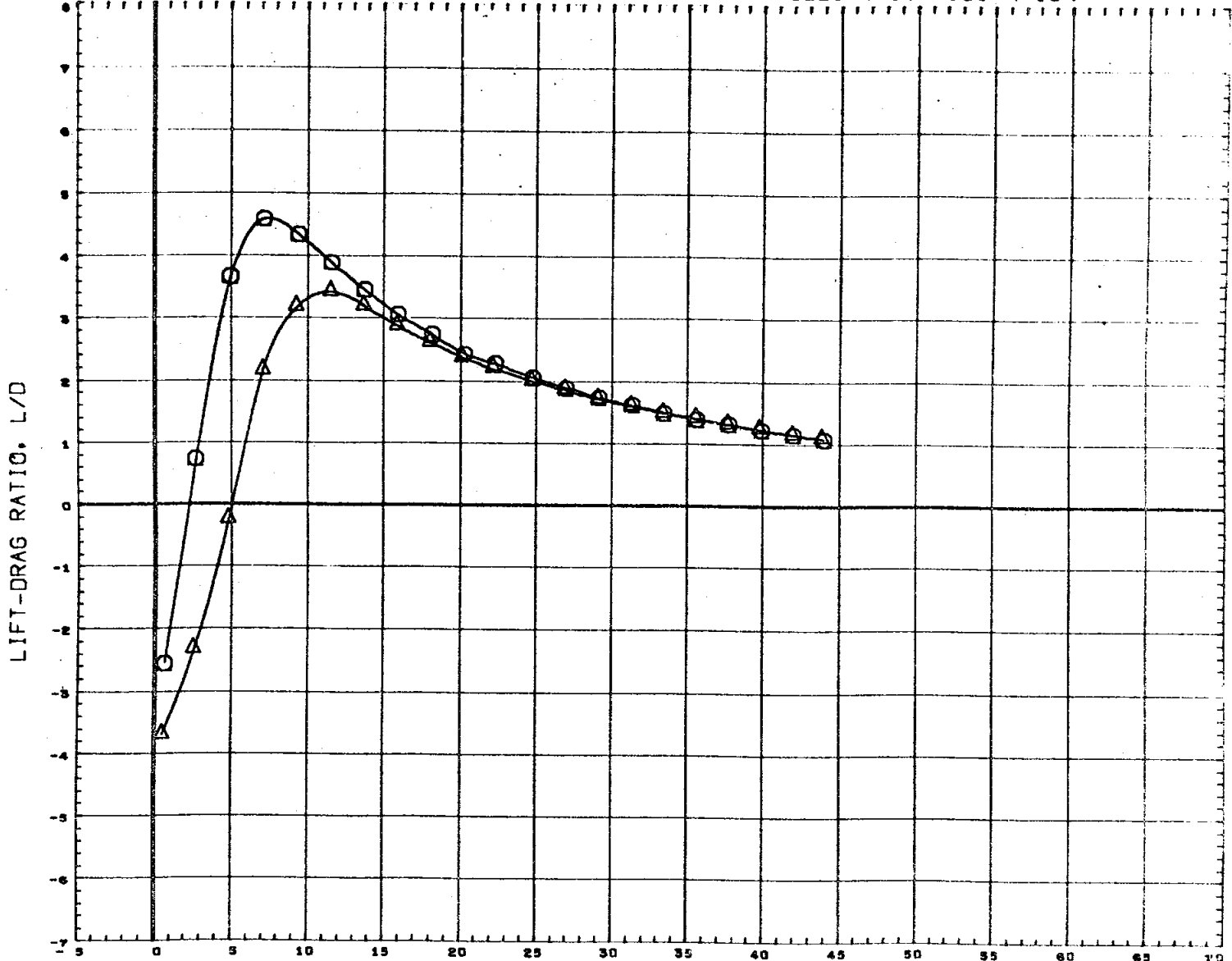
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

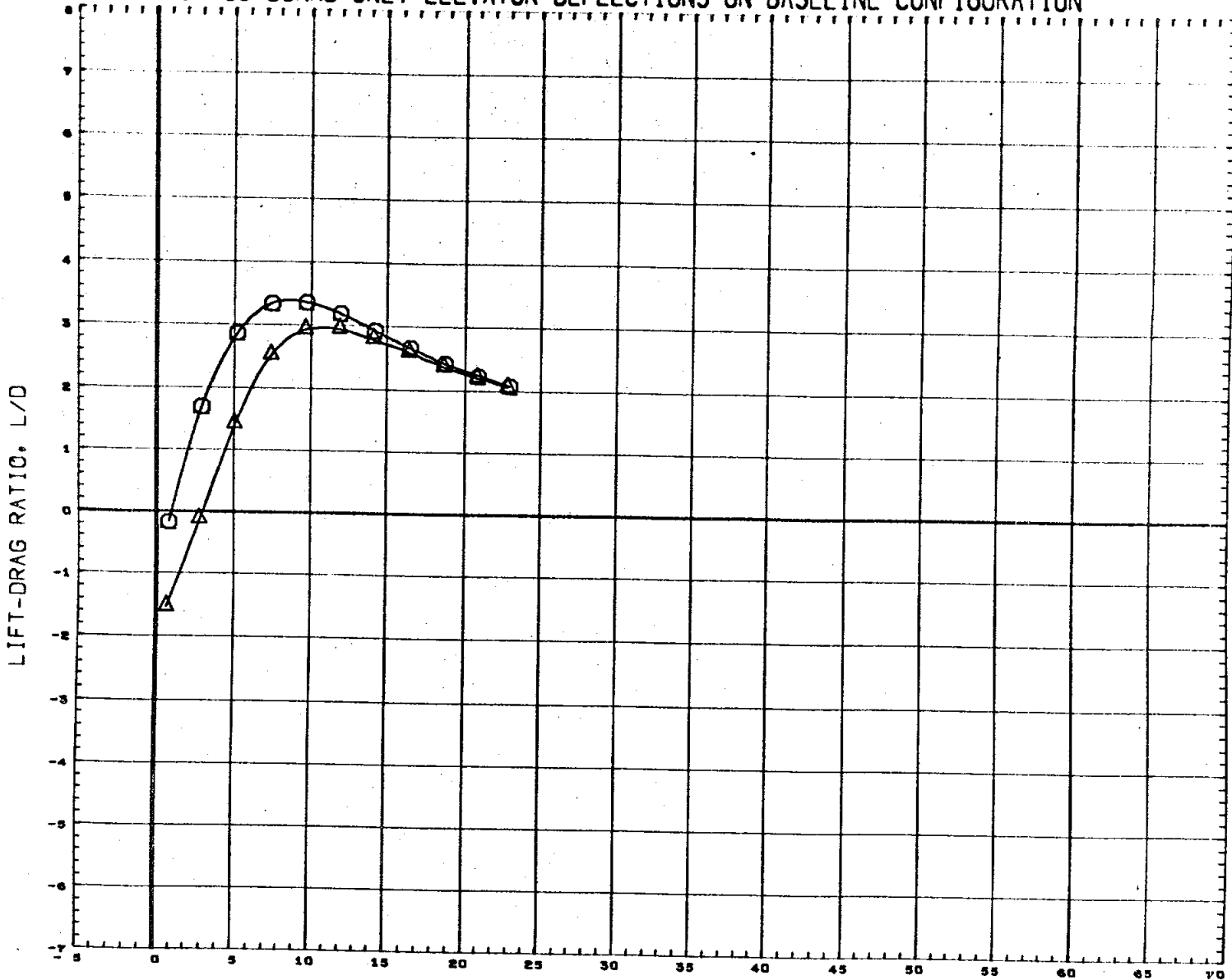
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



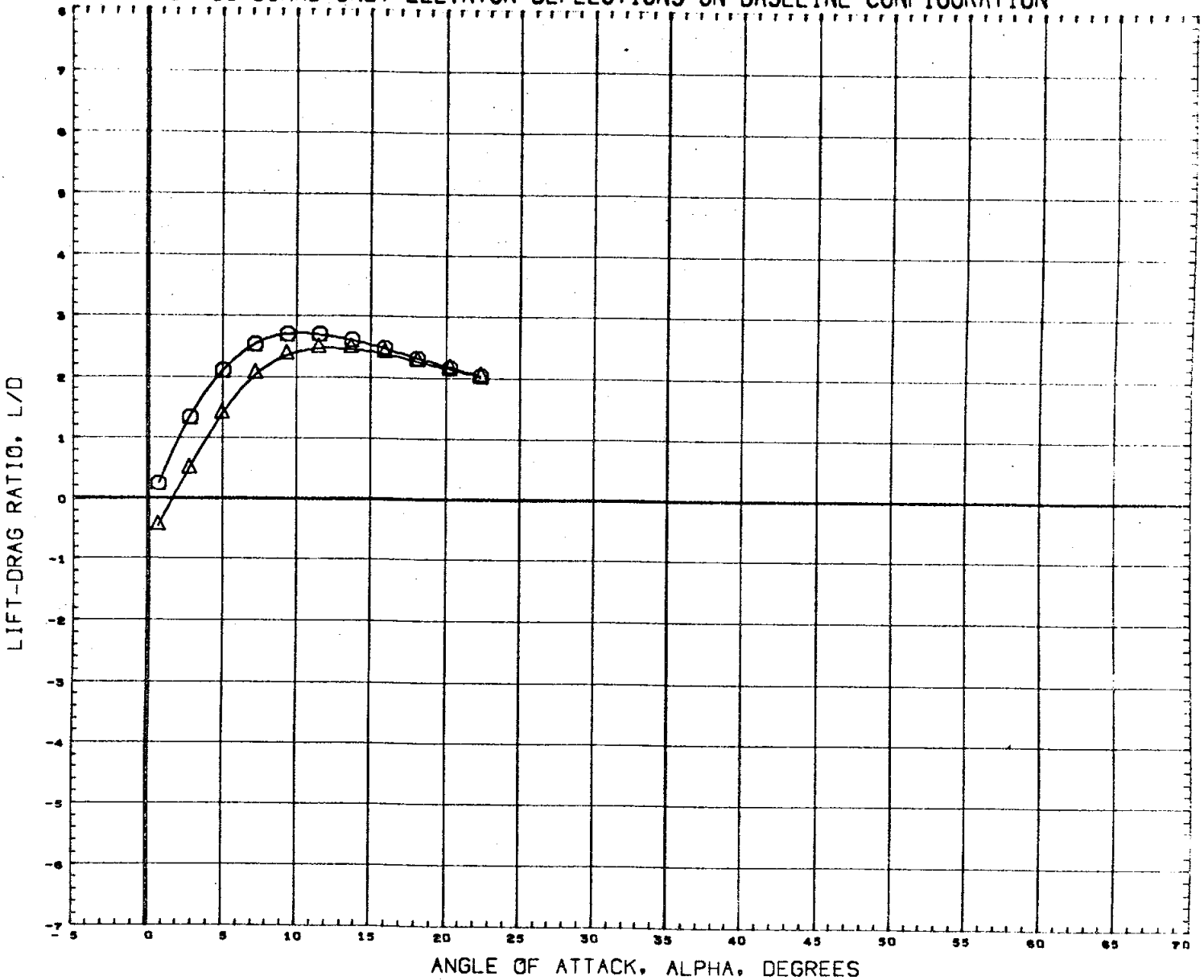
DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)

BETA	OBDELV	RUDFLR
0.000	0.000	10.000
0.000	-20.000	10.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XHRP	3.4530 IN.
YHRP	0.0000 IN.
ZHRP	0.0000 IN.
SCALE	0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

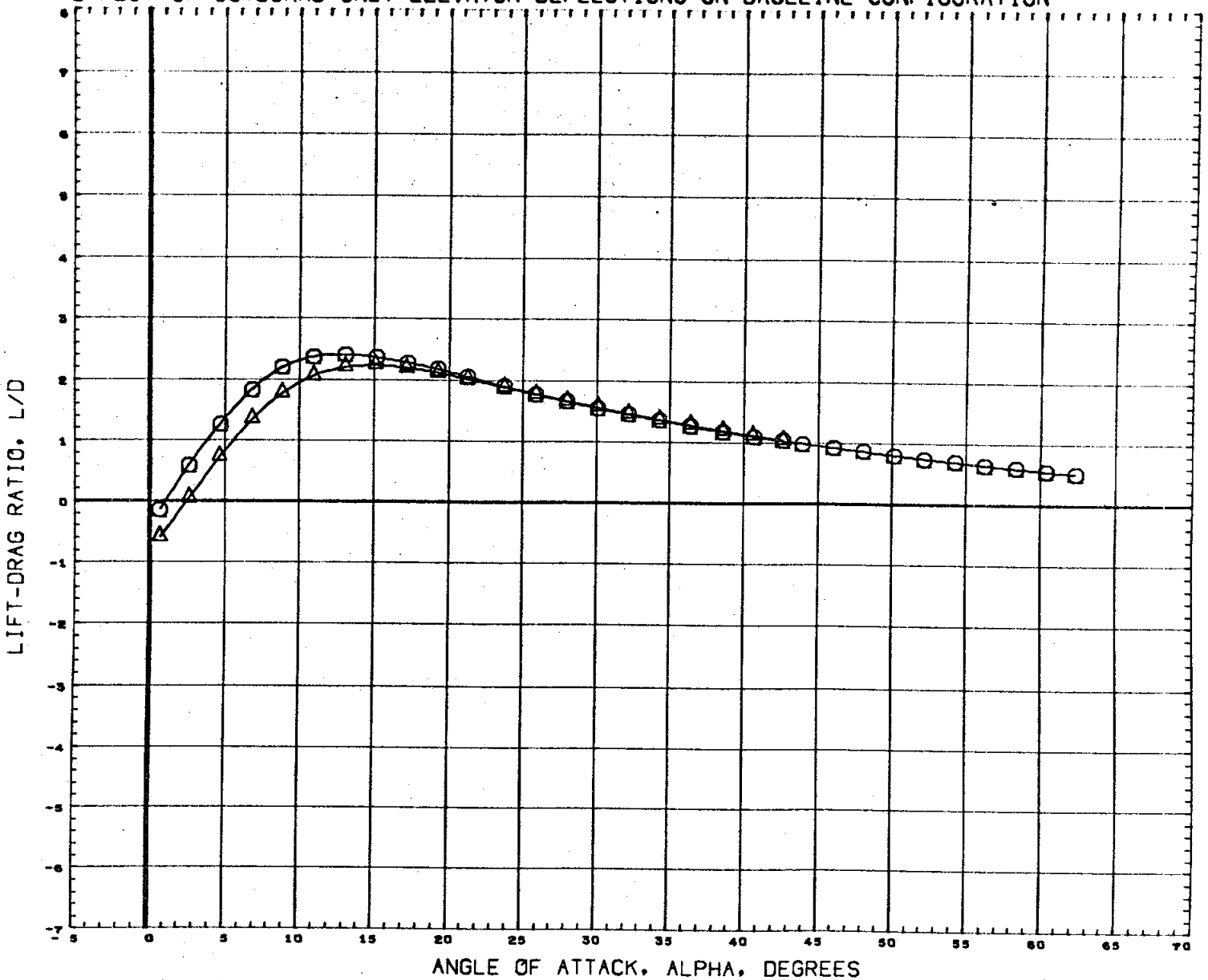


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.97

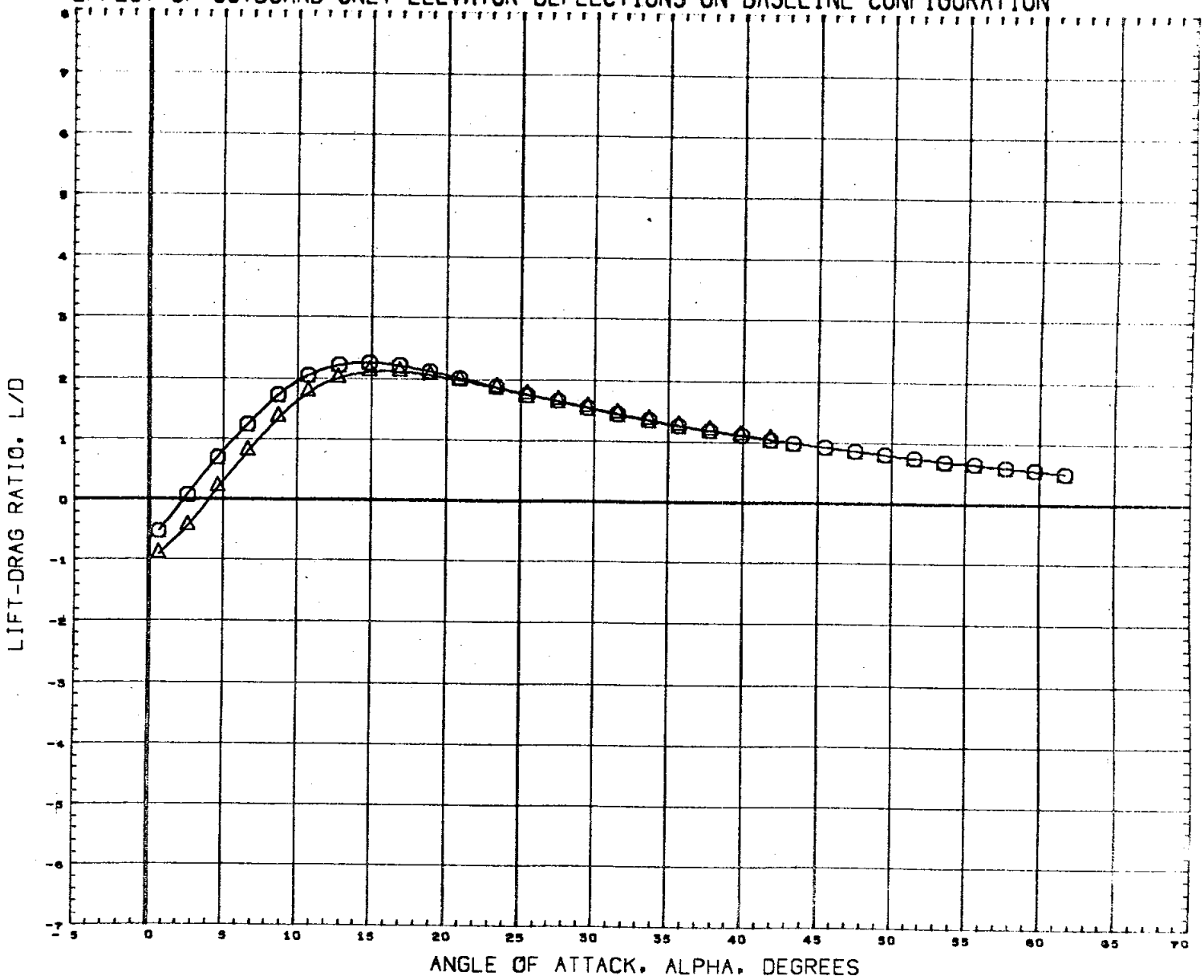
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



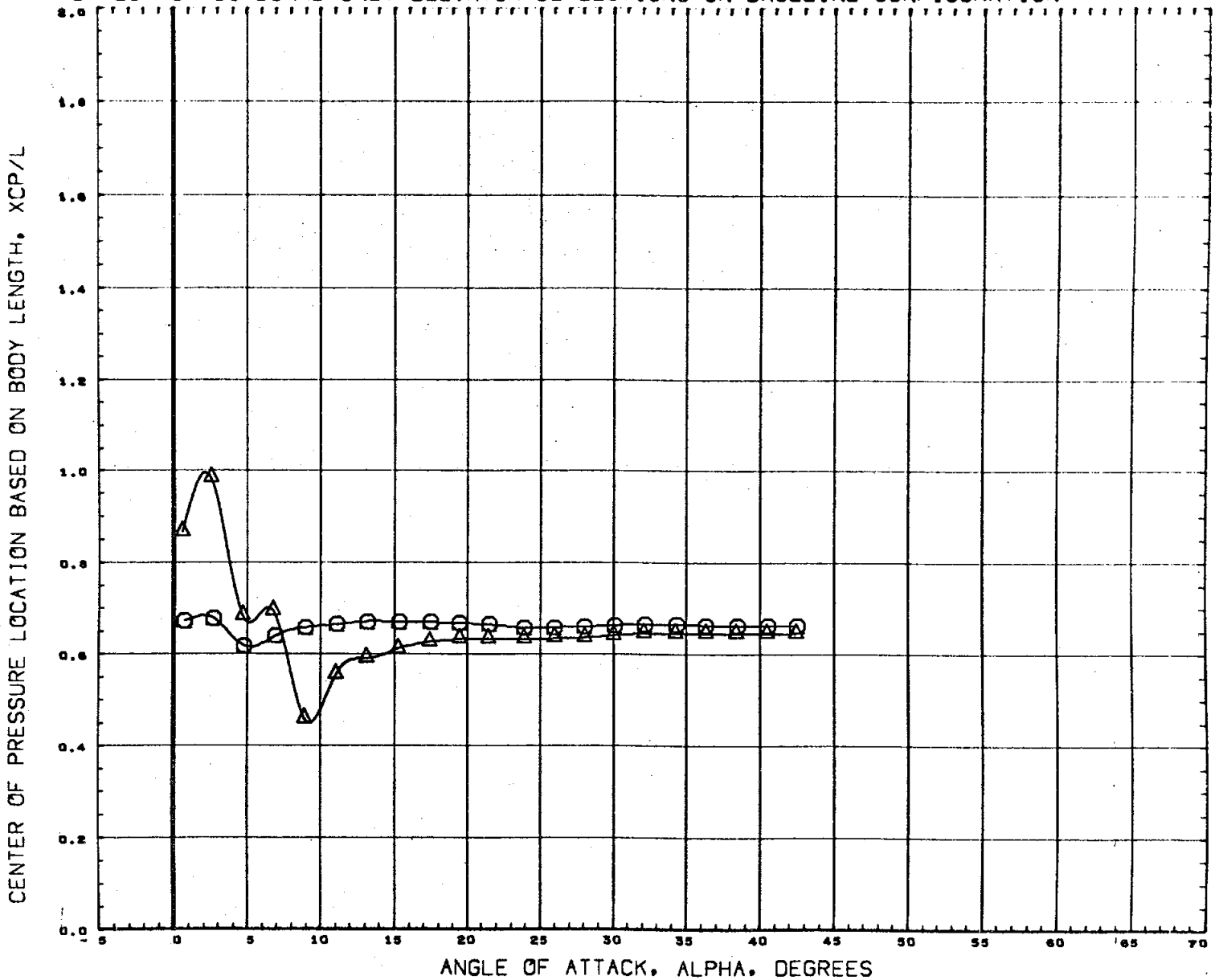
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XHRP	3.4530	IN.
YHRP	0.0000	IN.
ZHRP	0.0000	IN.
SCALE	0.0048	

MACH 4.96



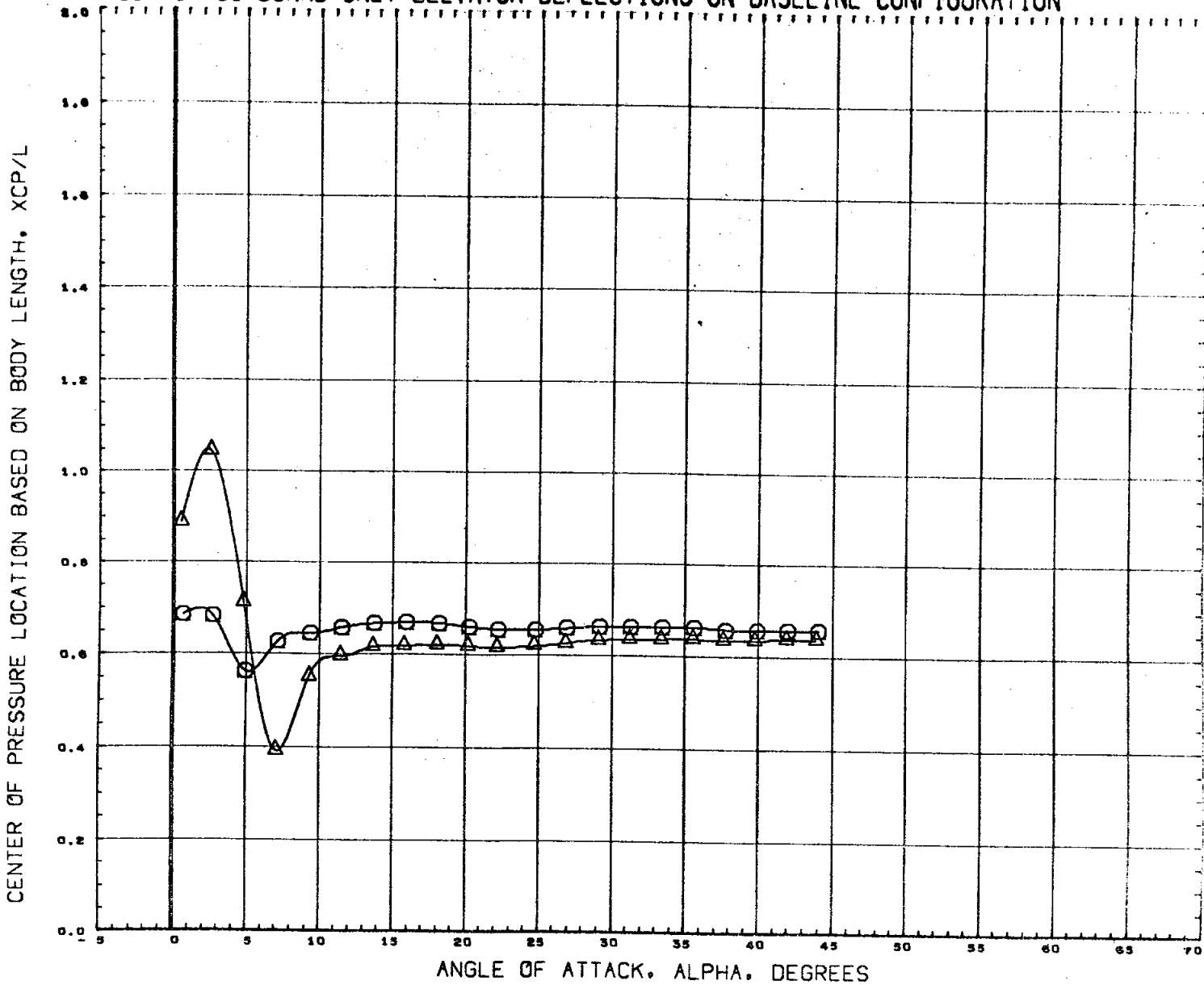
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
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					YMRP 0.0000 IN.
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					SCALE 0.0040

MACH .59

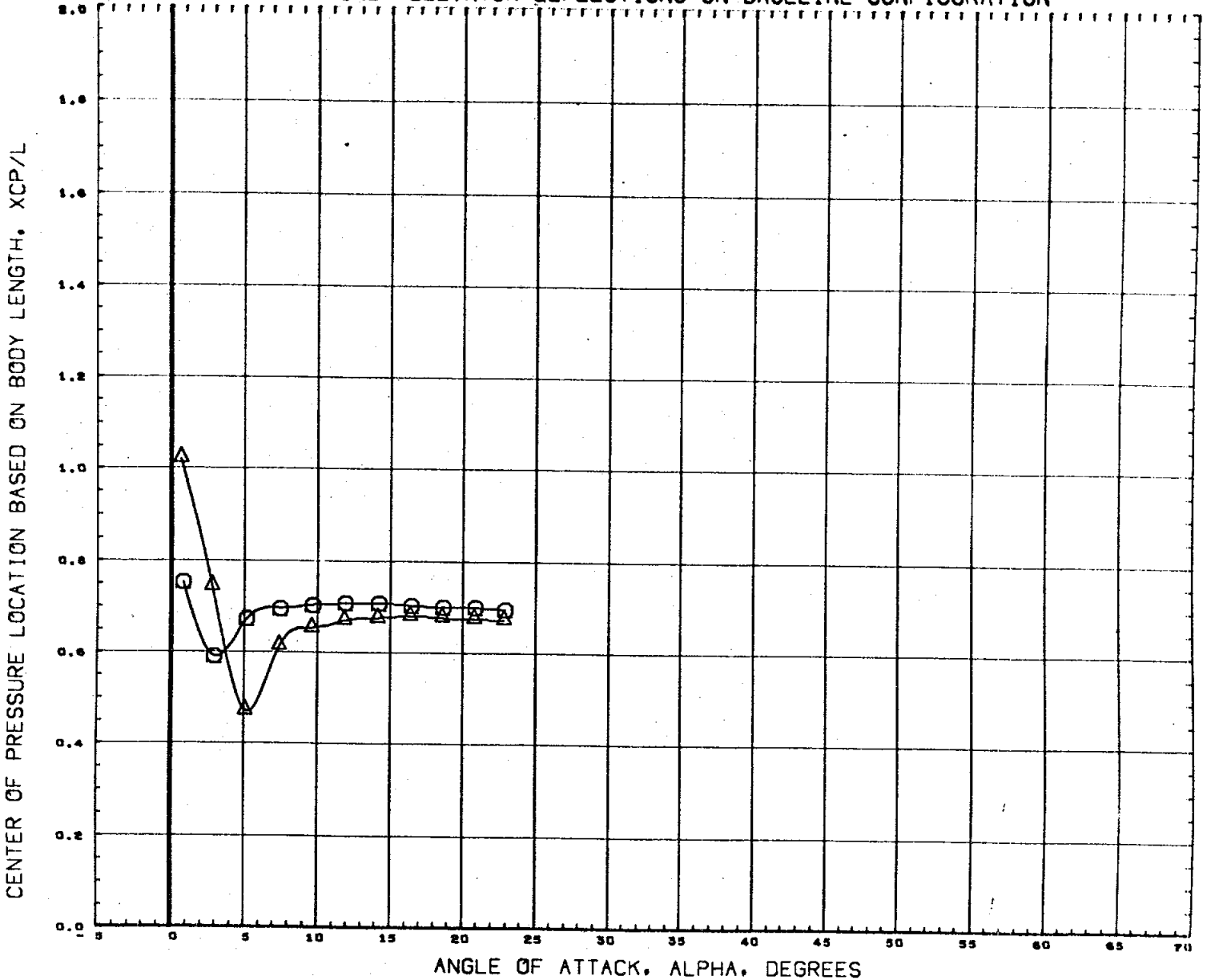
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

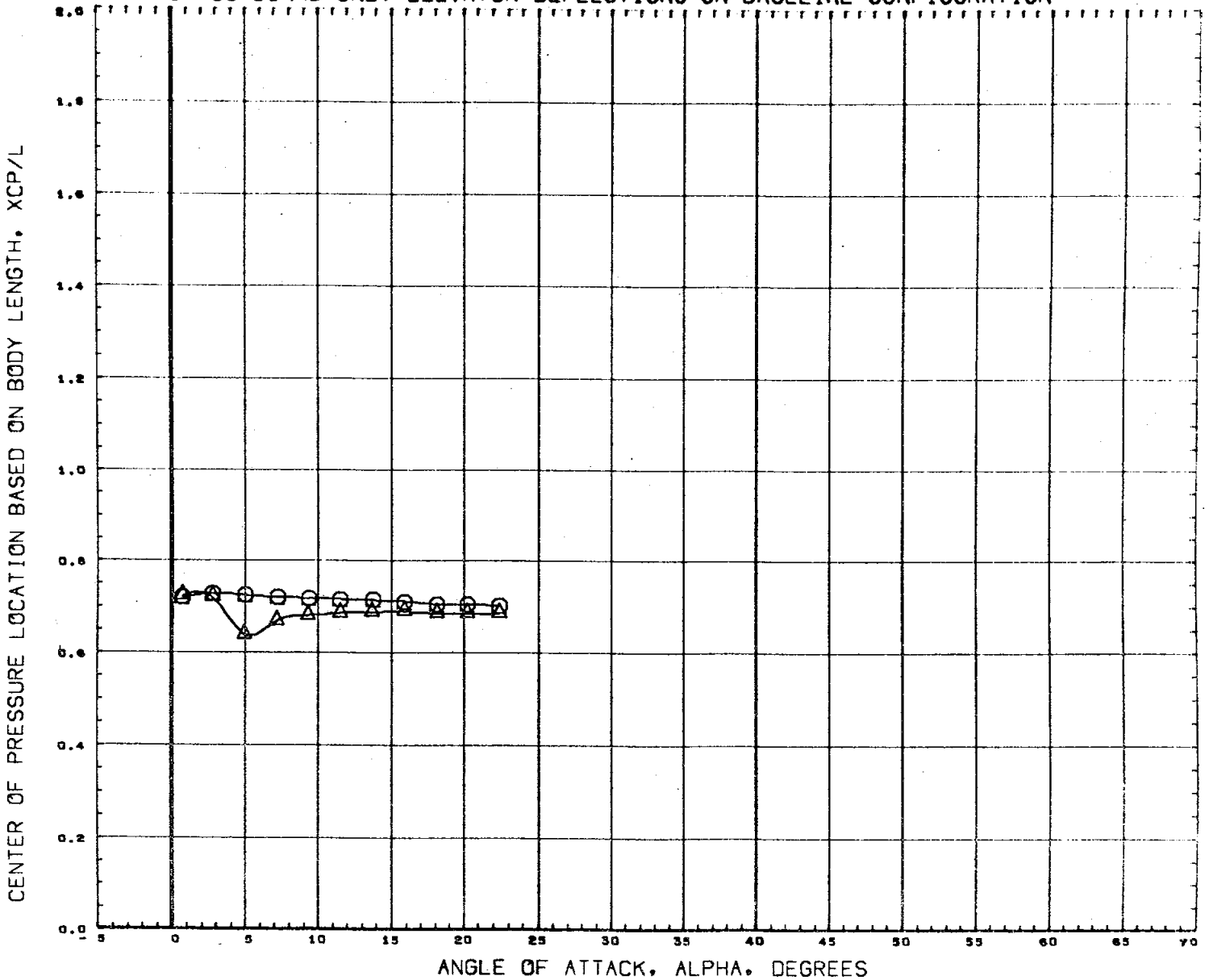
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

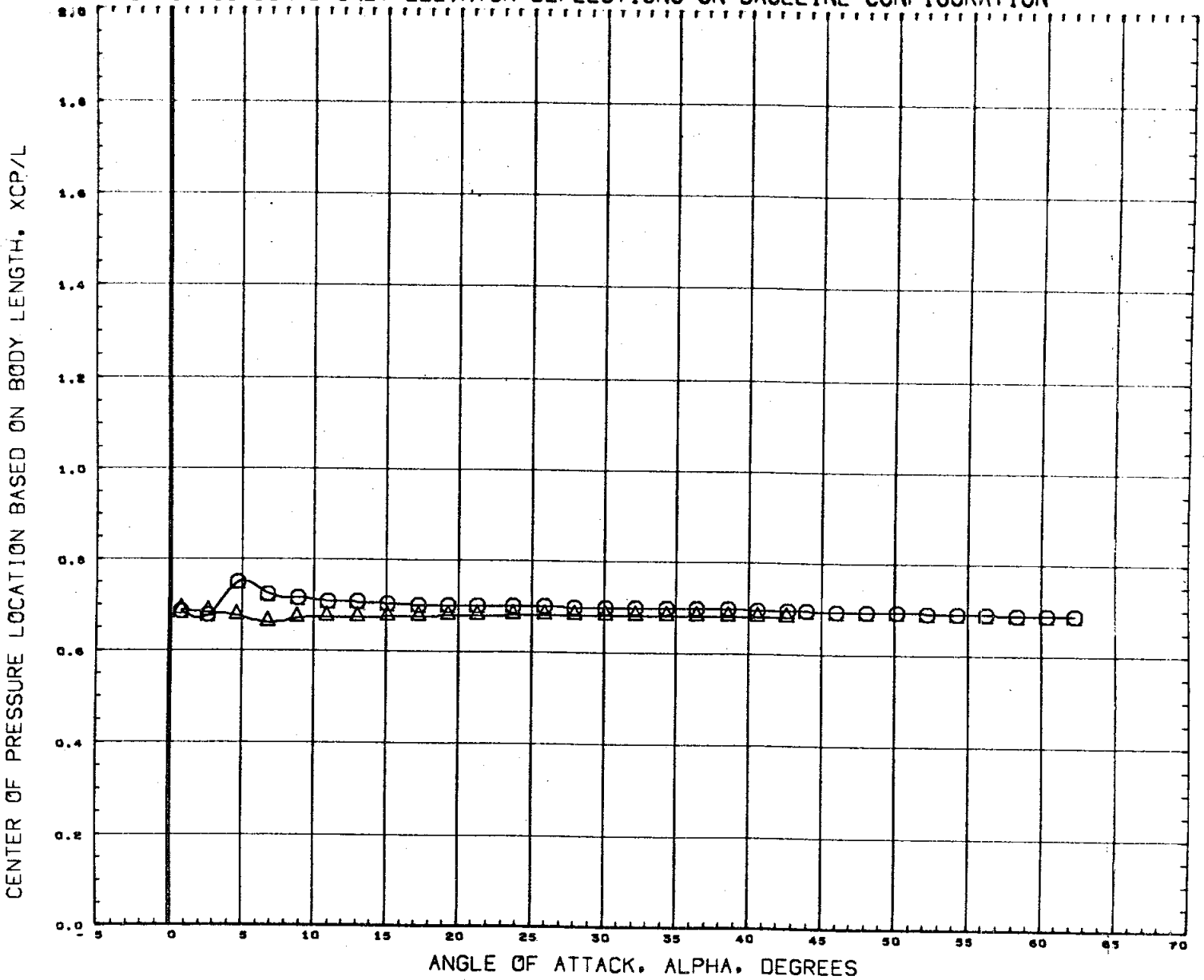
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0500 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

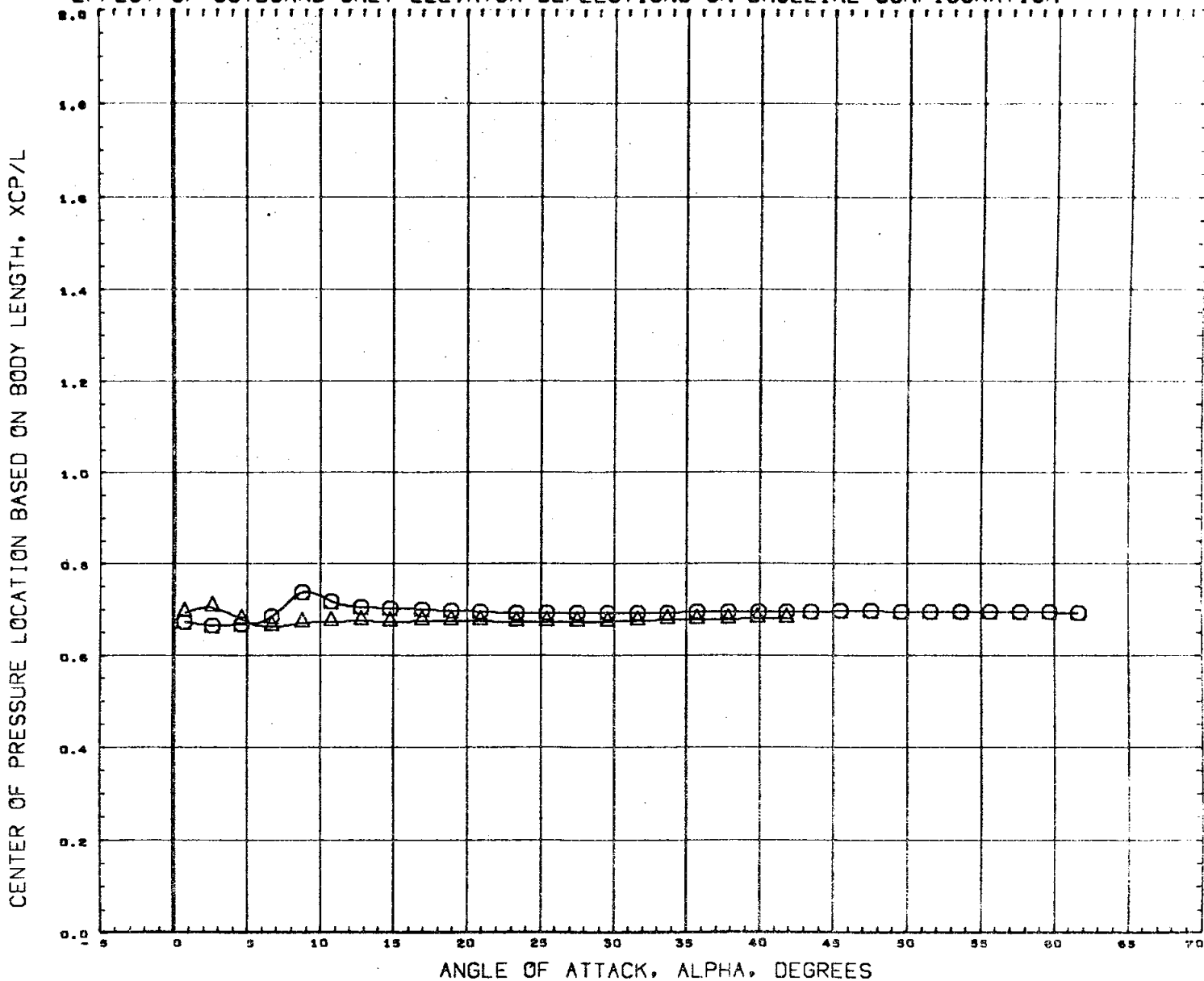
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

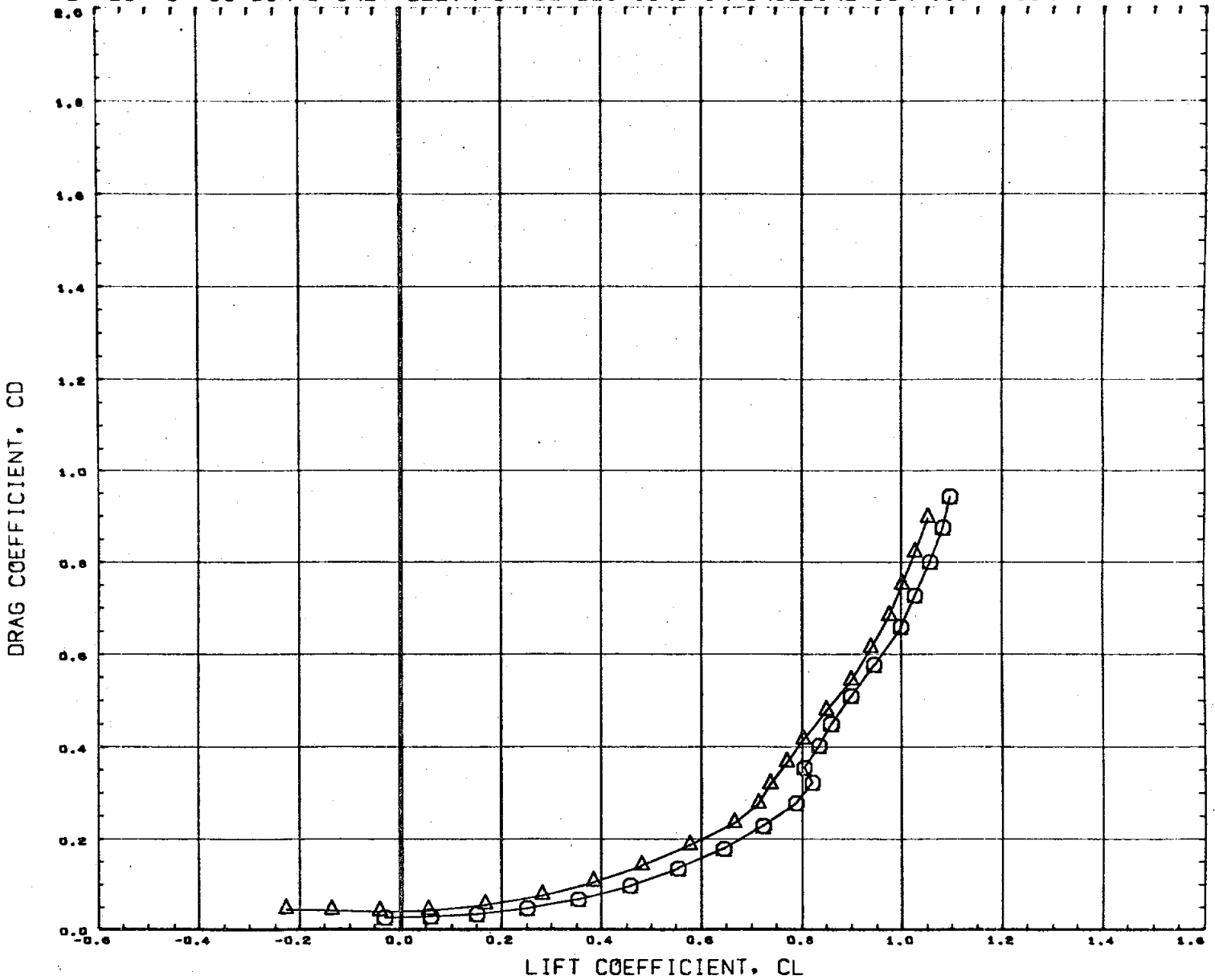
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

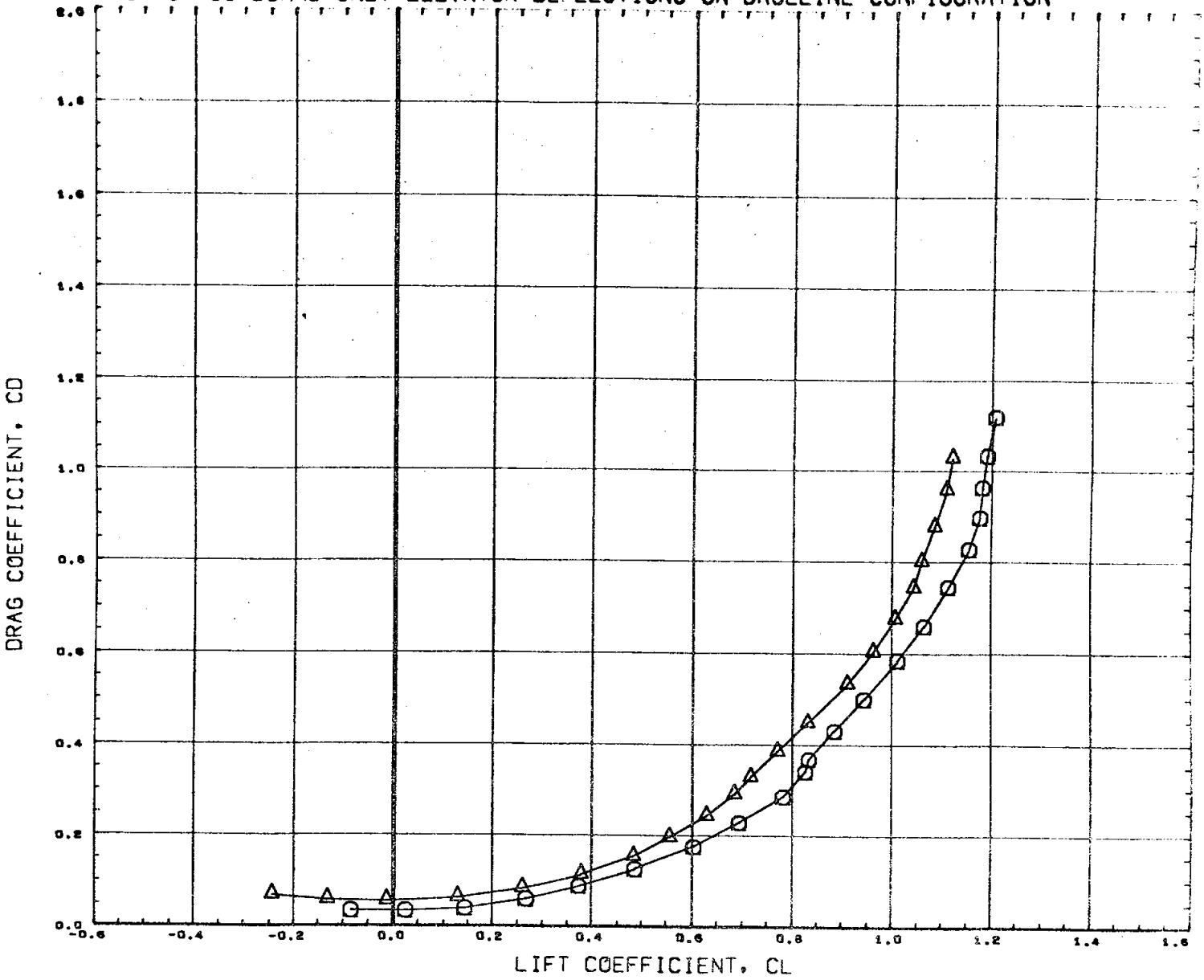
MACH 4.96

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

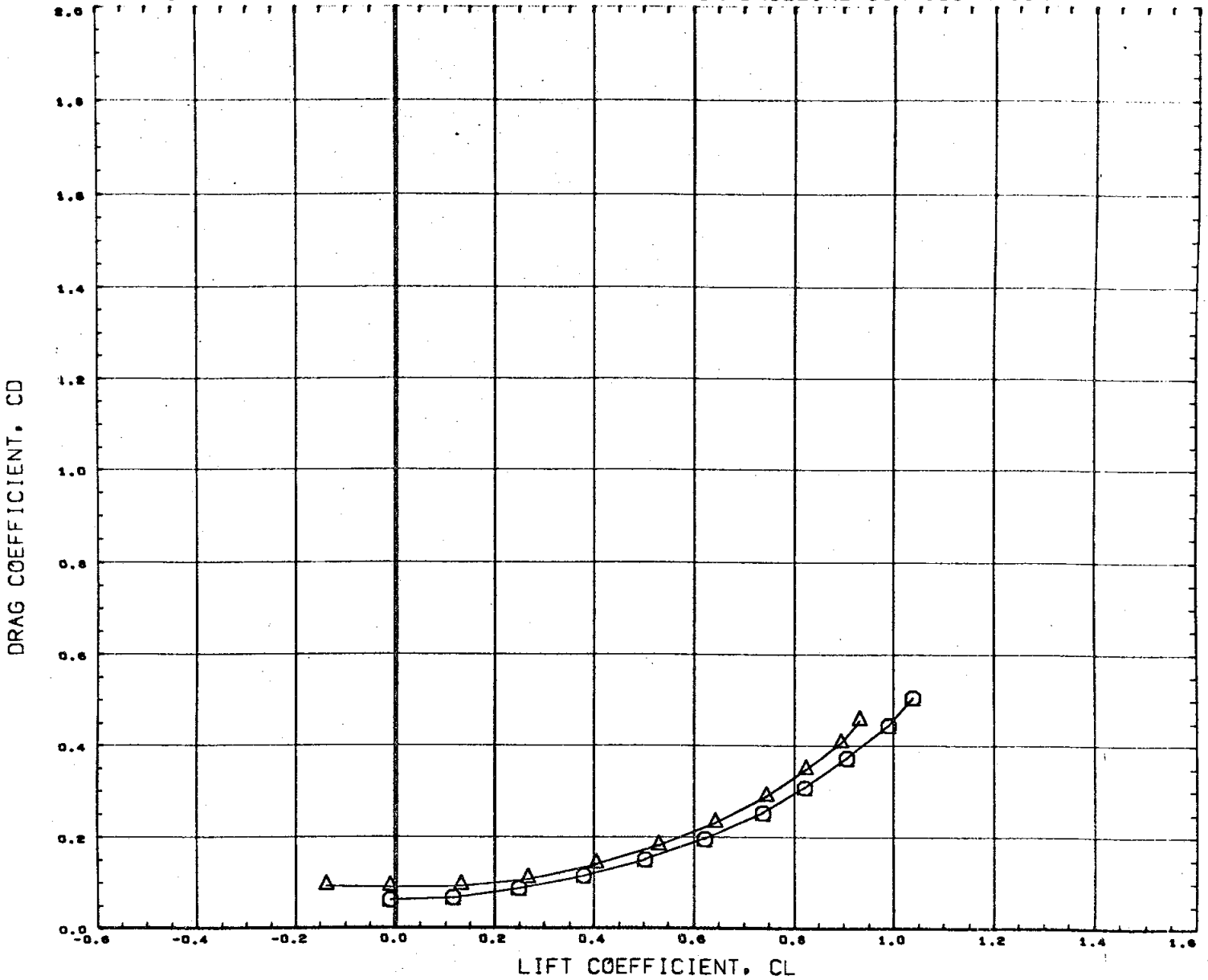


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
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					SCALE	0.0040

MACH .90



# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



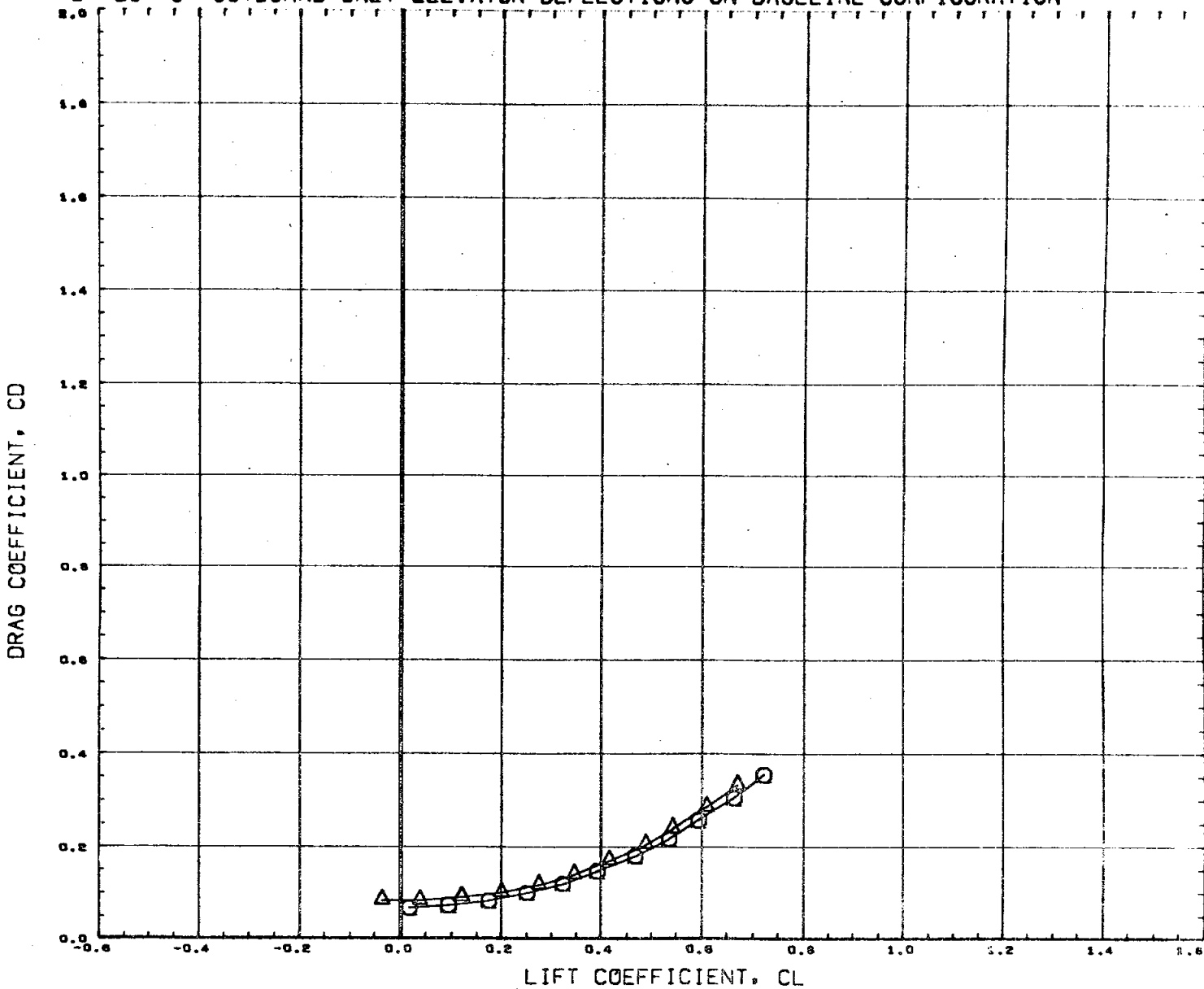
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

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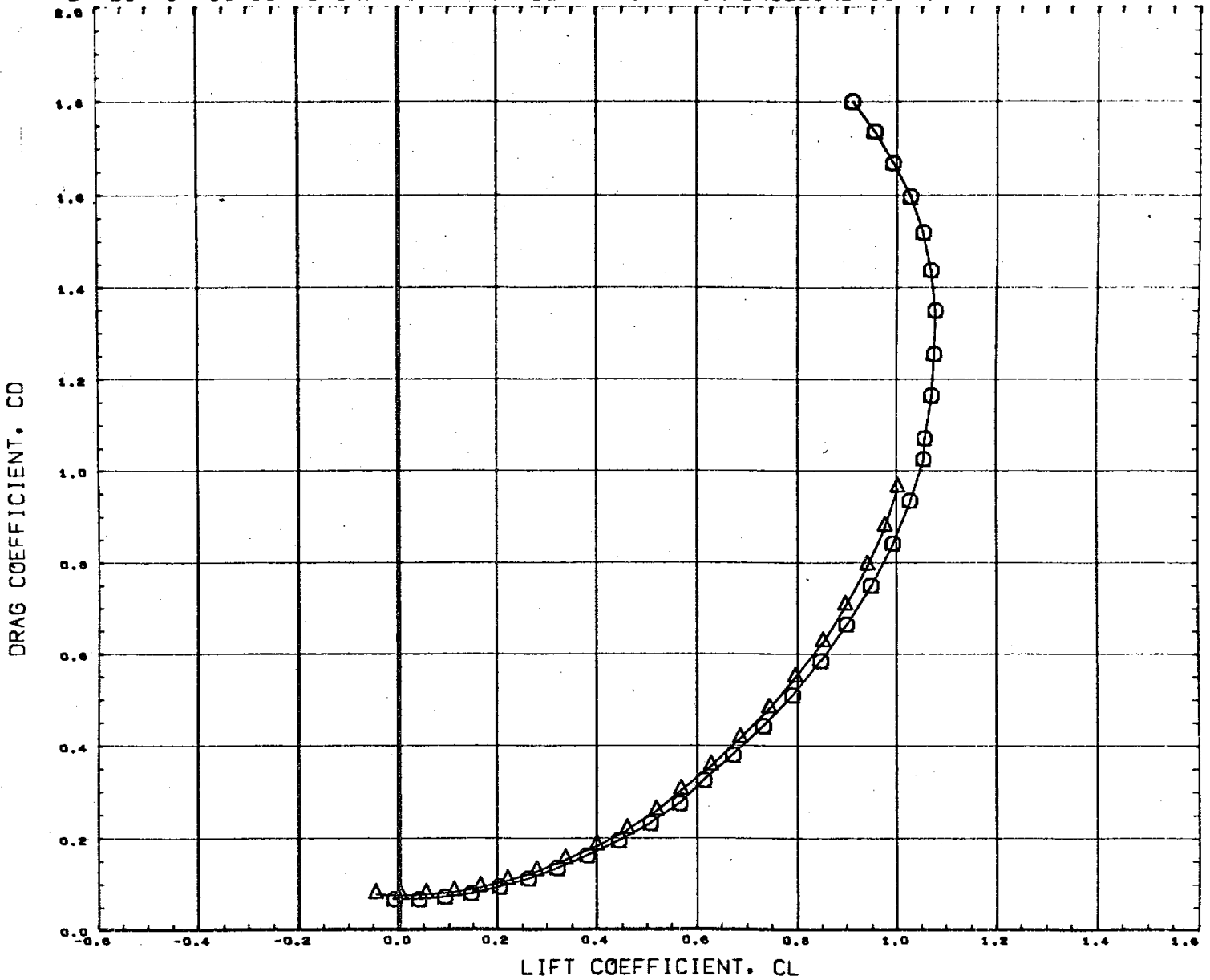
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OSDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4550 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

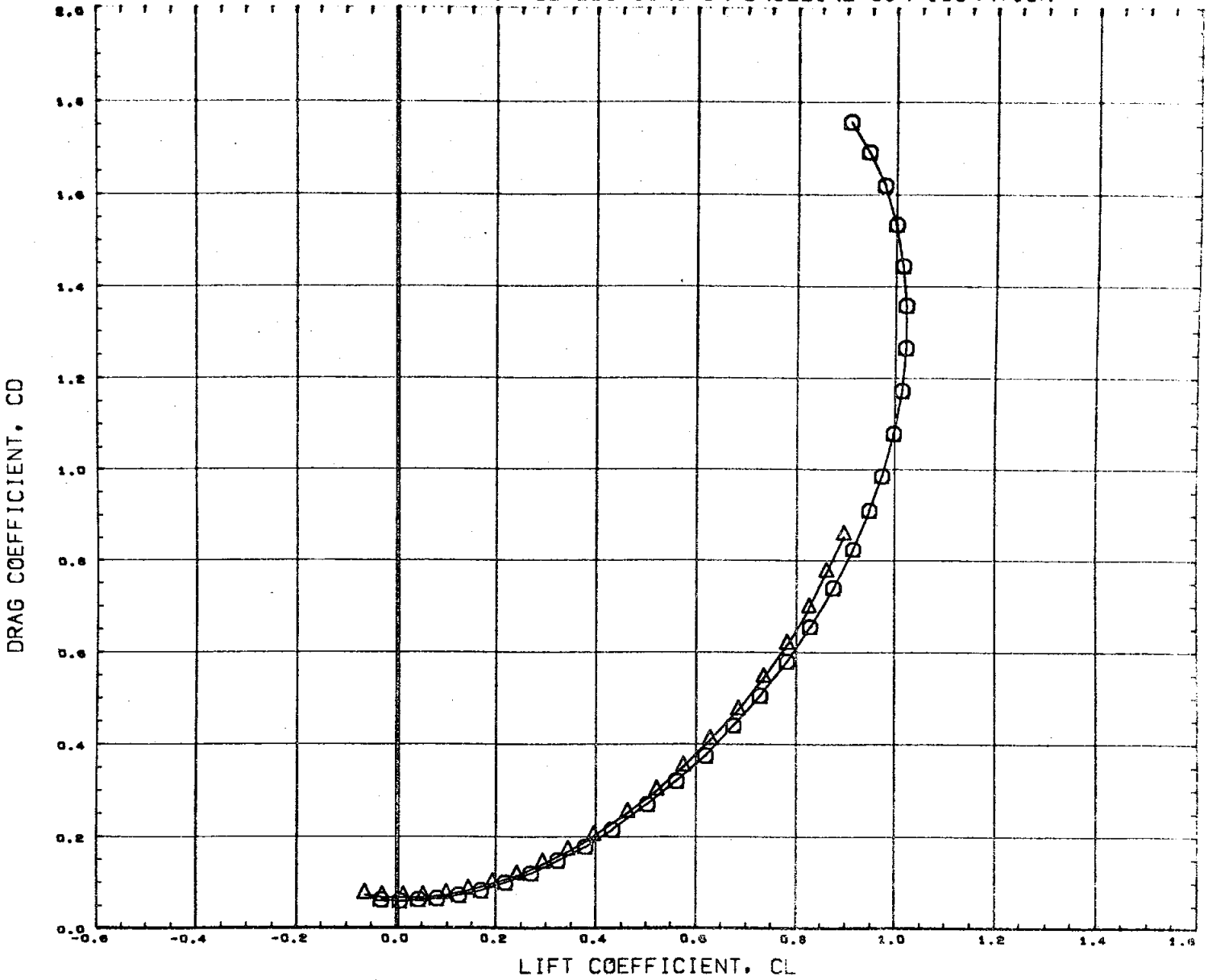


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S17)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

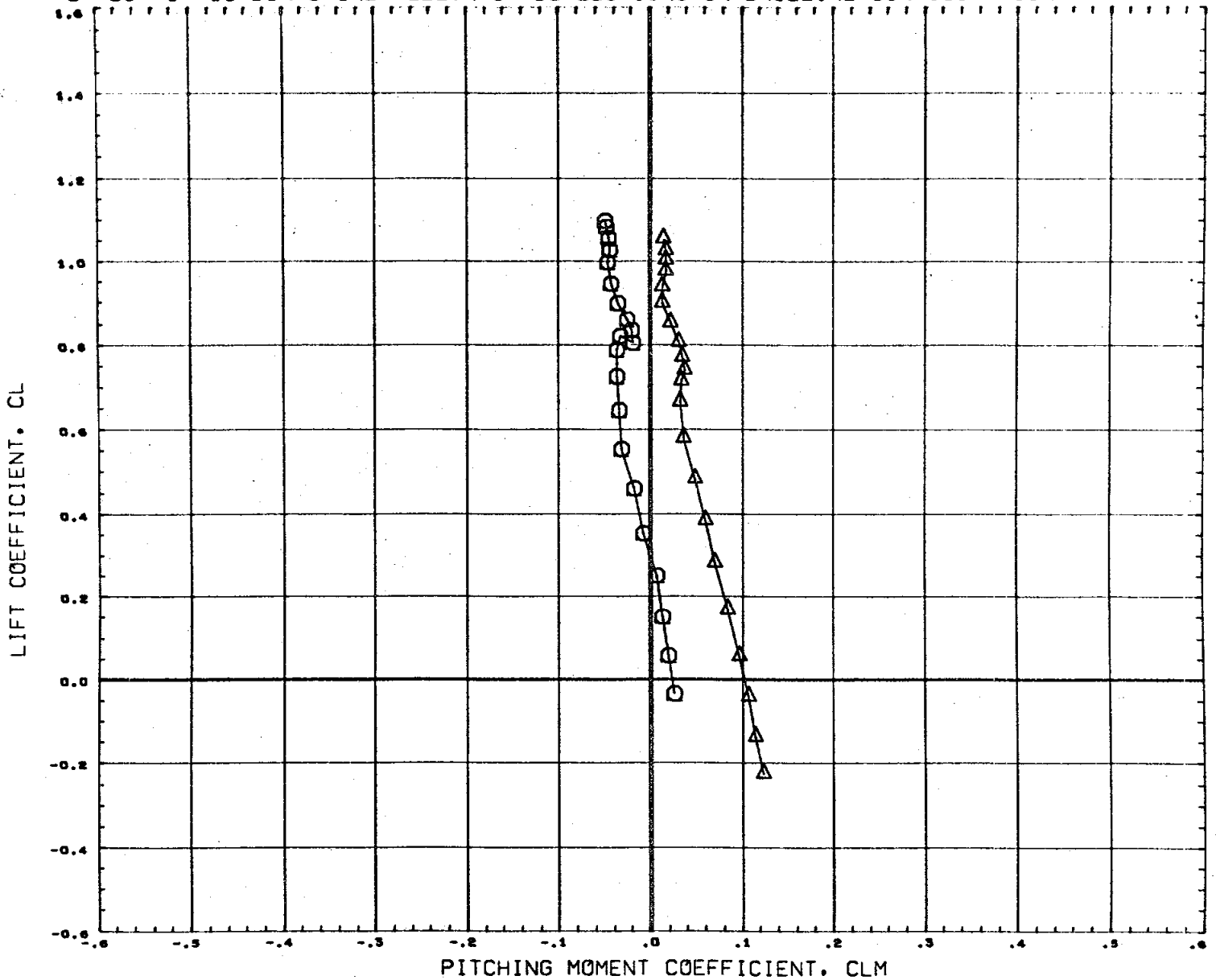


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION	
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4550 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 4.96

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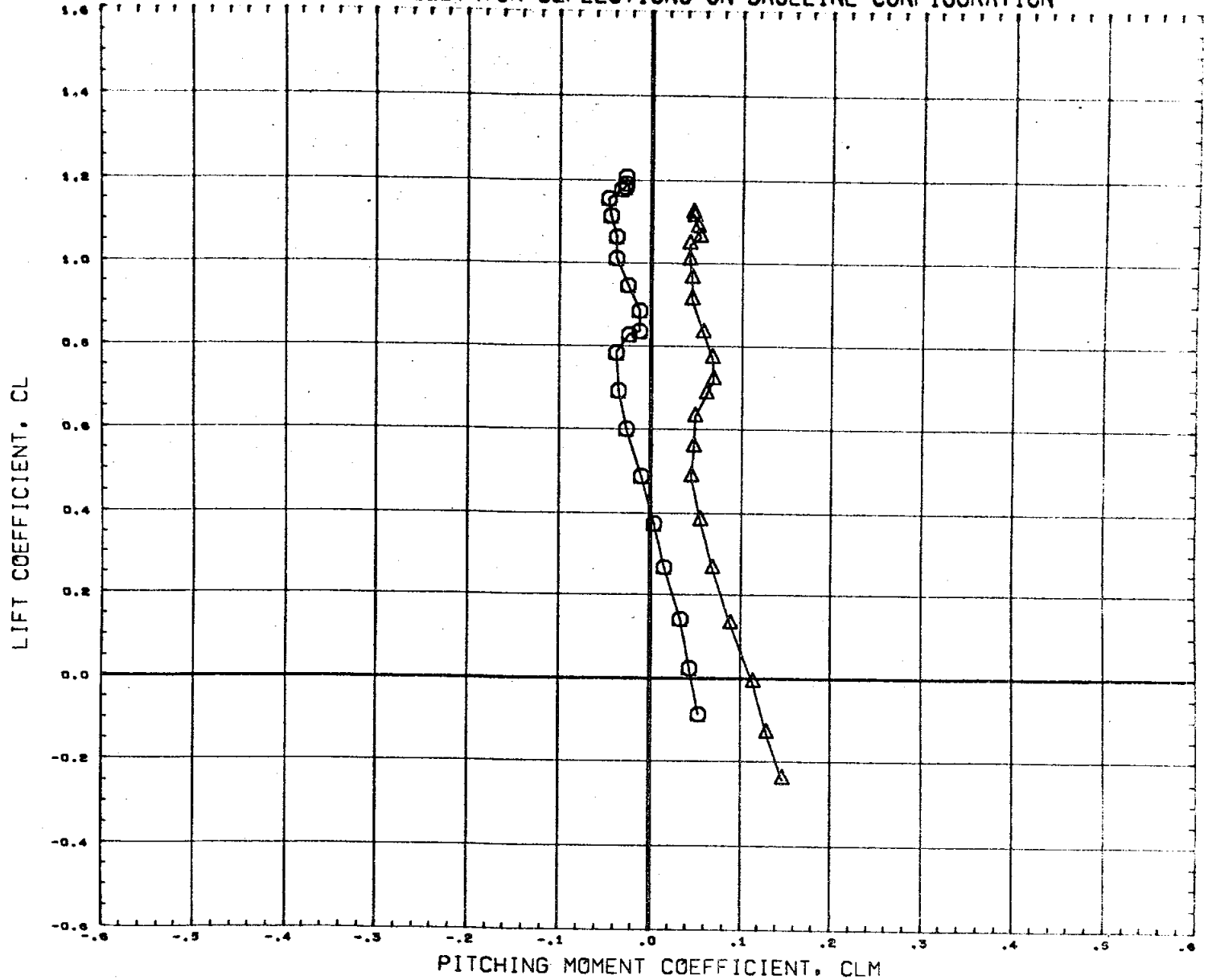
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XHRP 3.4930 IN.
					YHRP 0.0000 IN.
					ZHRP 0.0000 IN.
					SCALE 0.0040

MACH .59

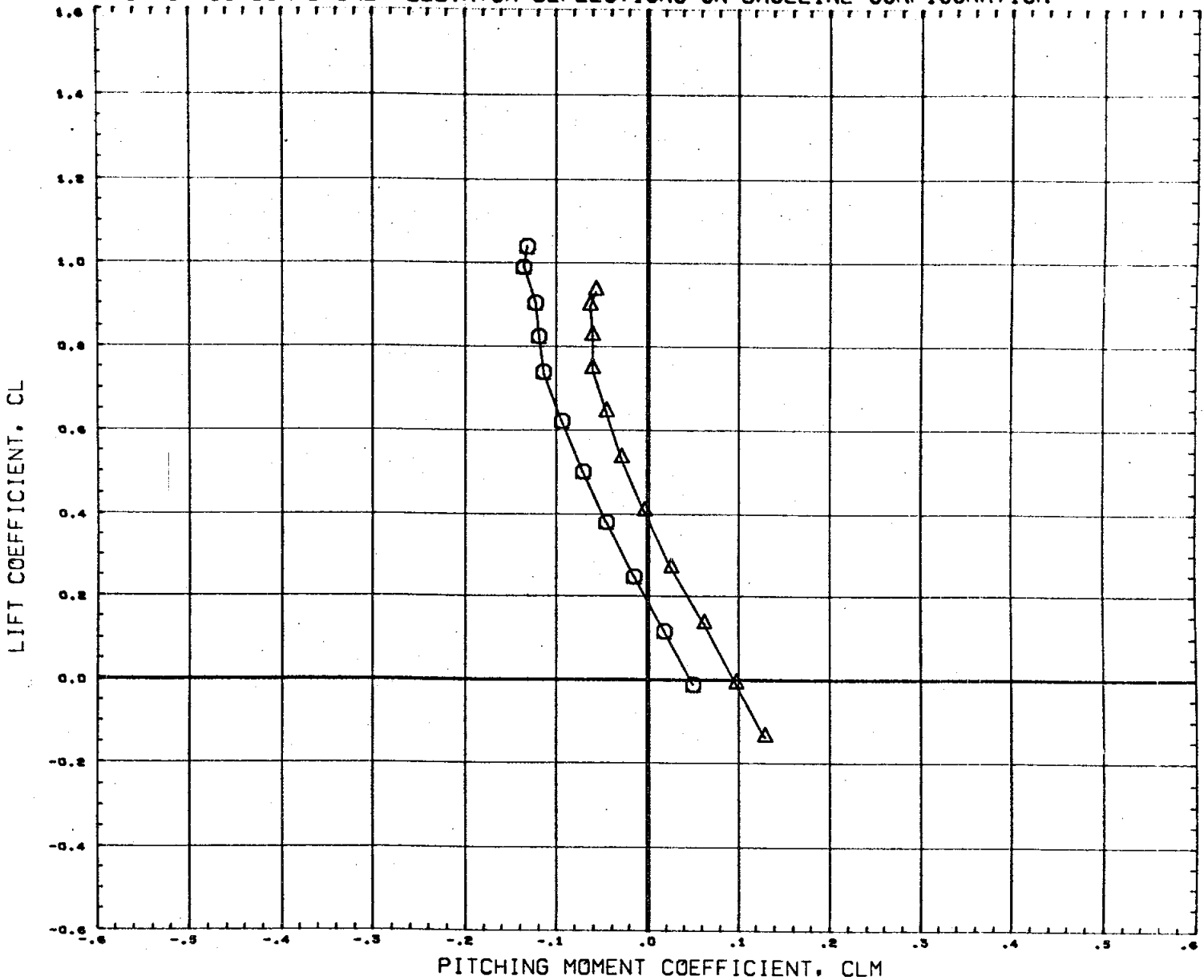
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

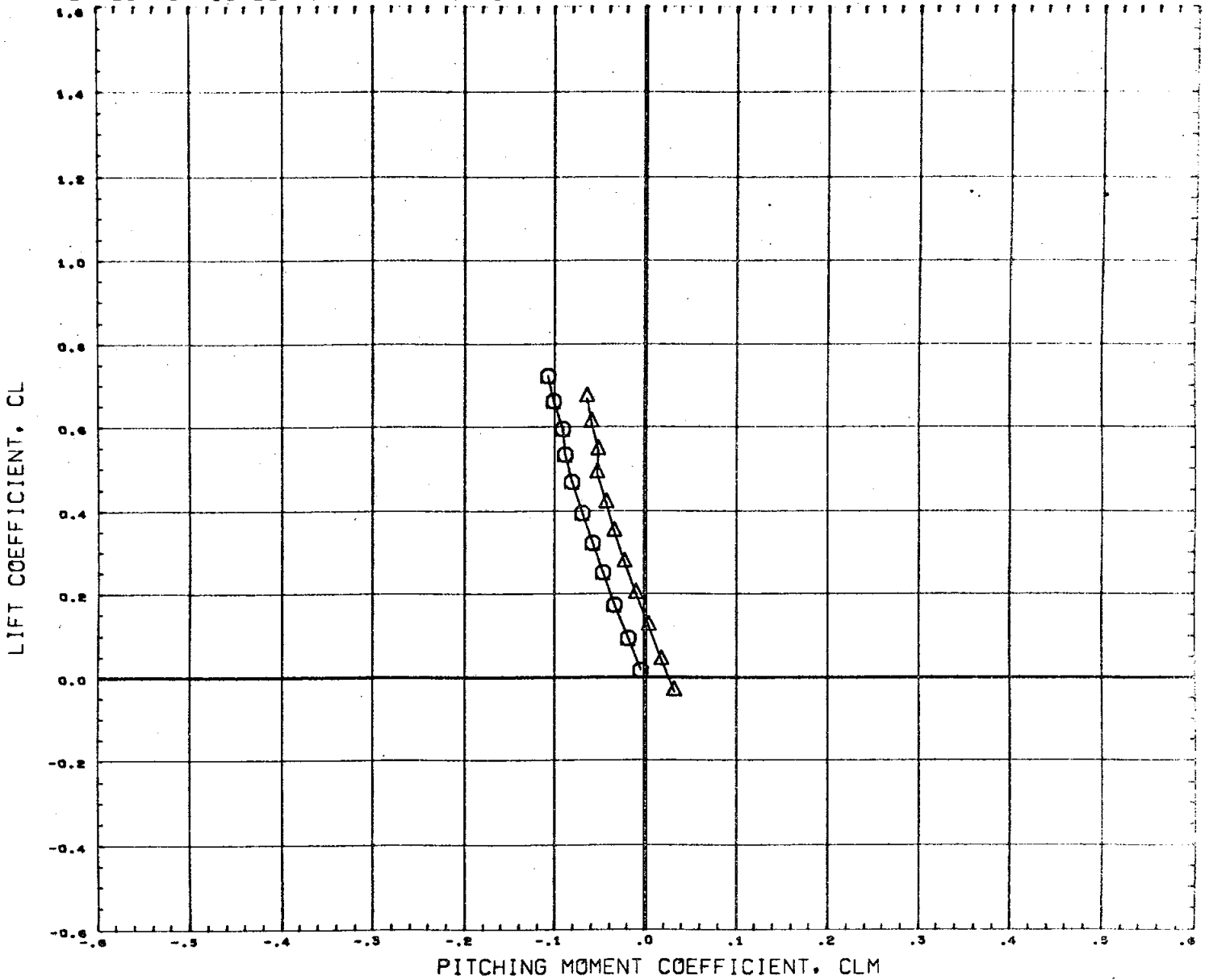
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XNRP 3.4550 IN.
					YNRP 0.0000 IN.
					ZNRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

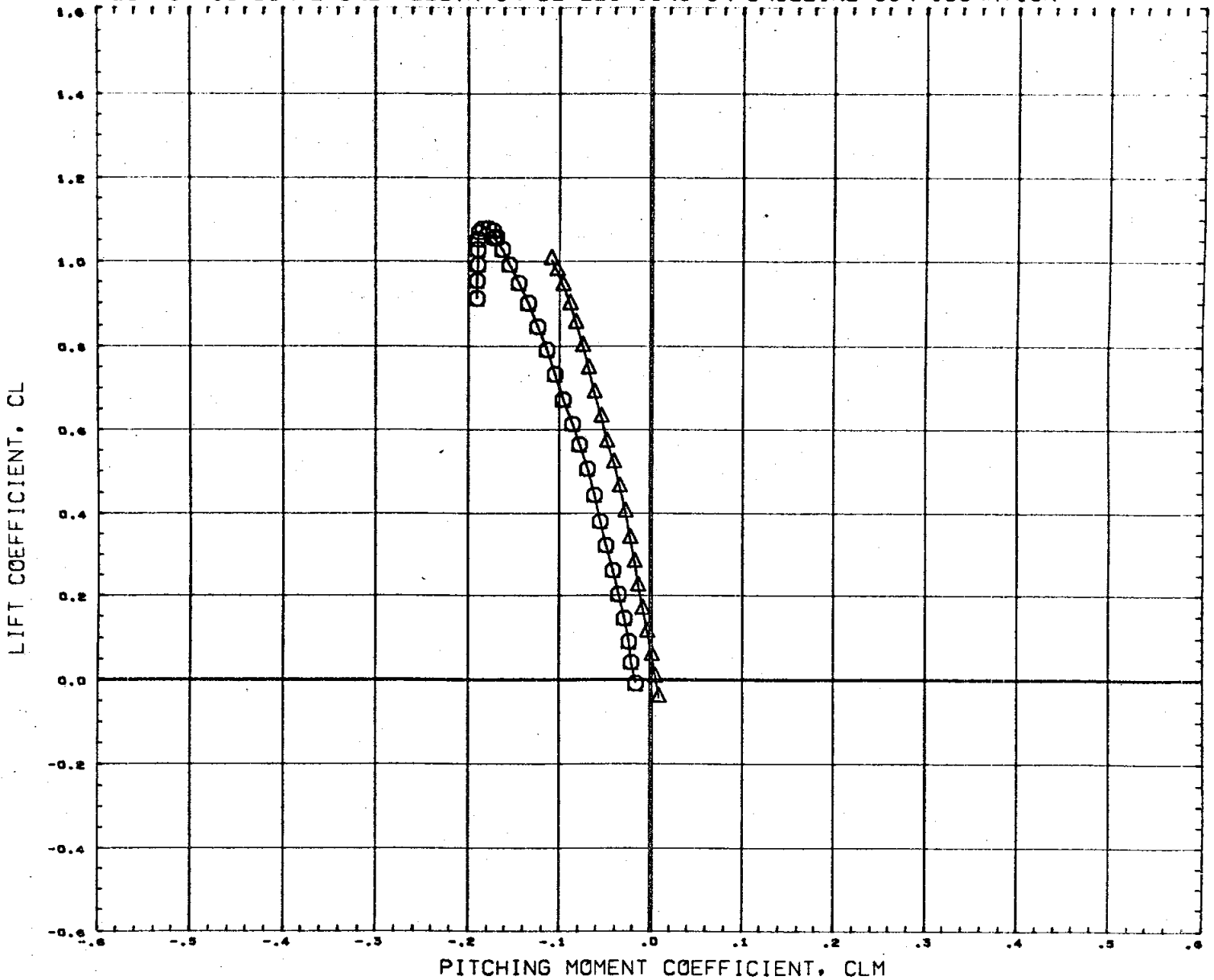


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76308)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97



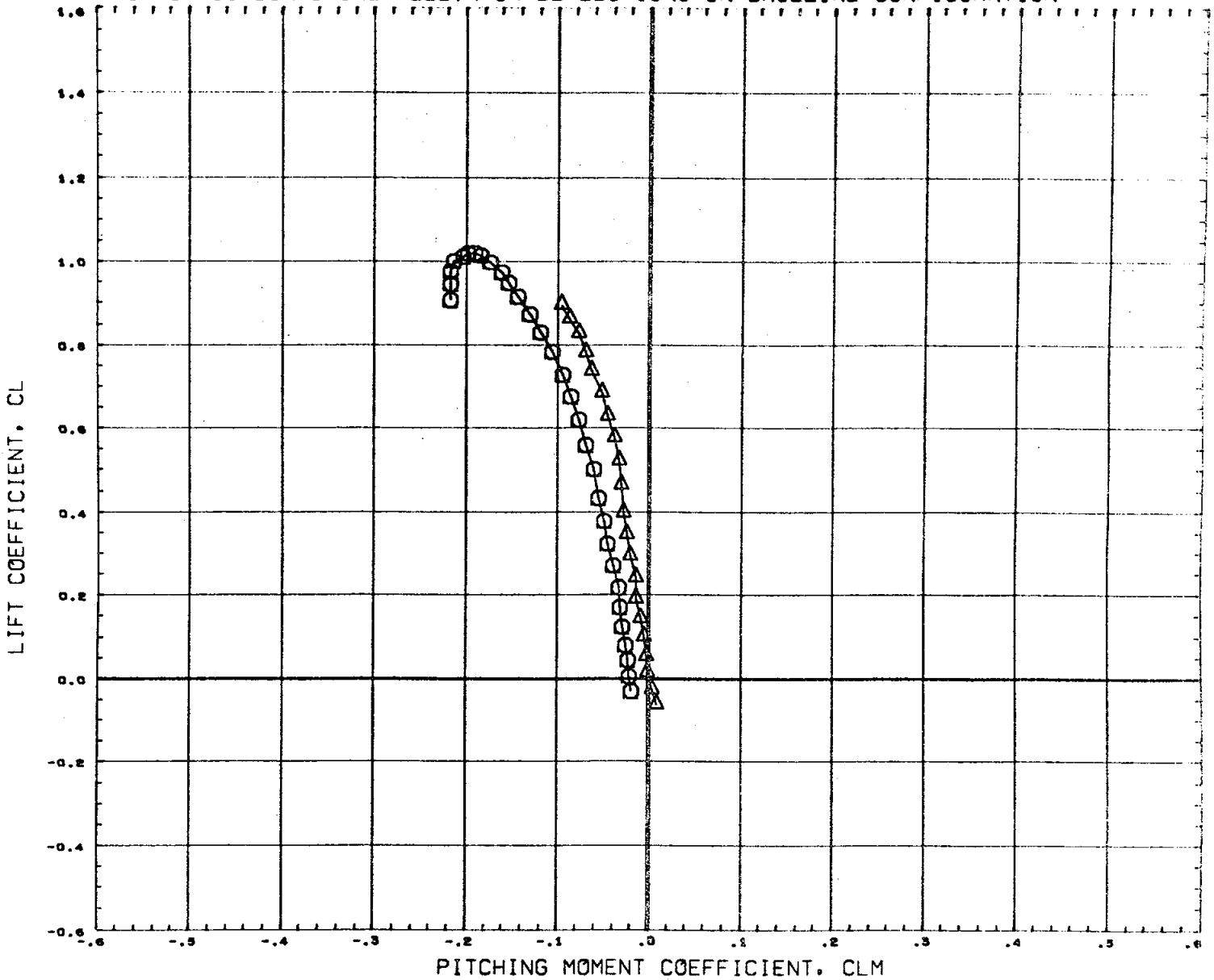
# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76317)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY ELEVATOR DEFLECTIONS ON BASELINE CONFIGURATION

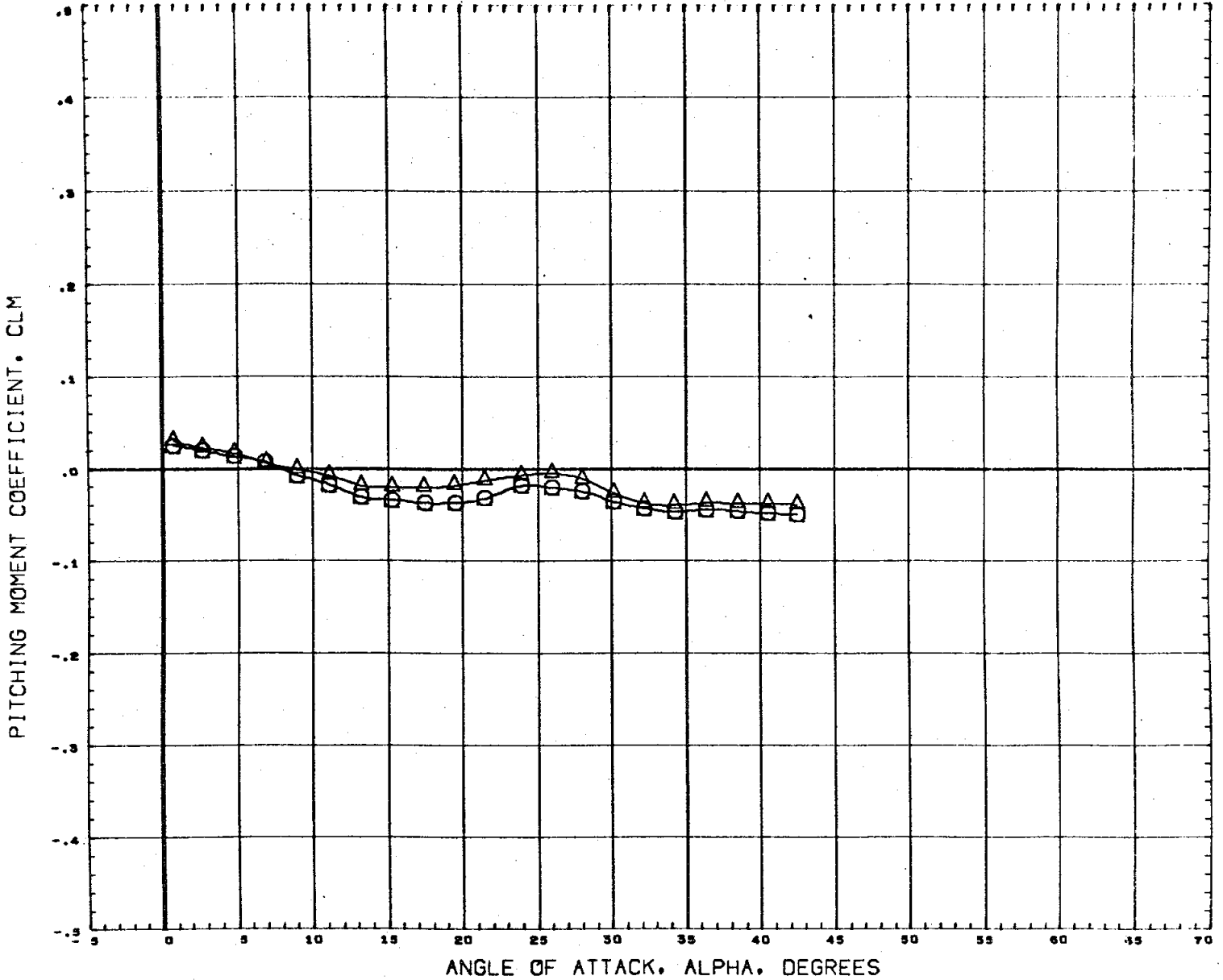


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDELV	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76517)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4930 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

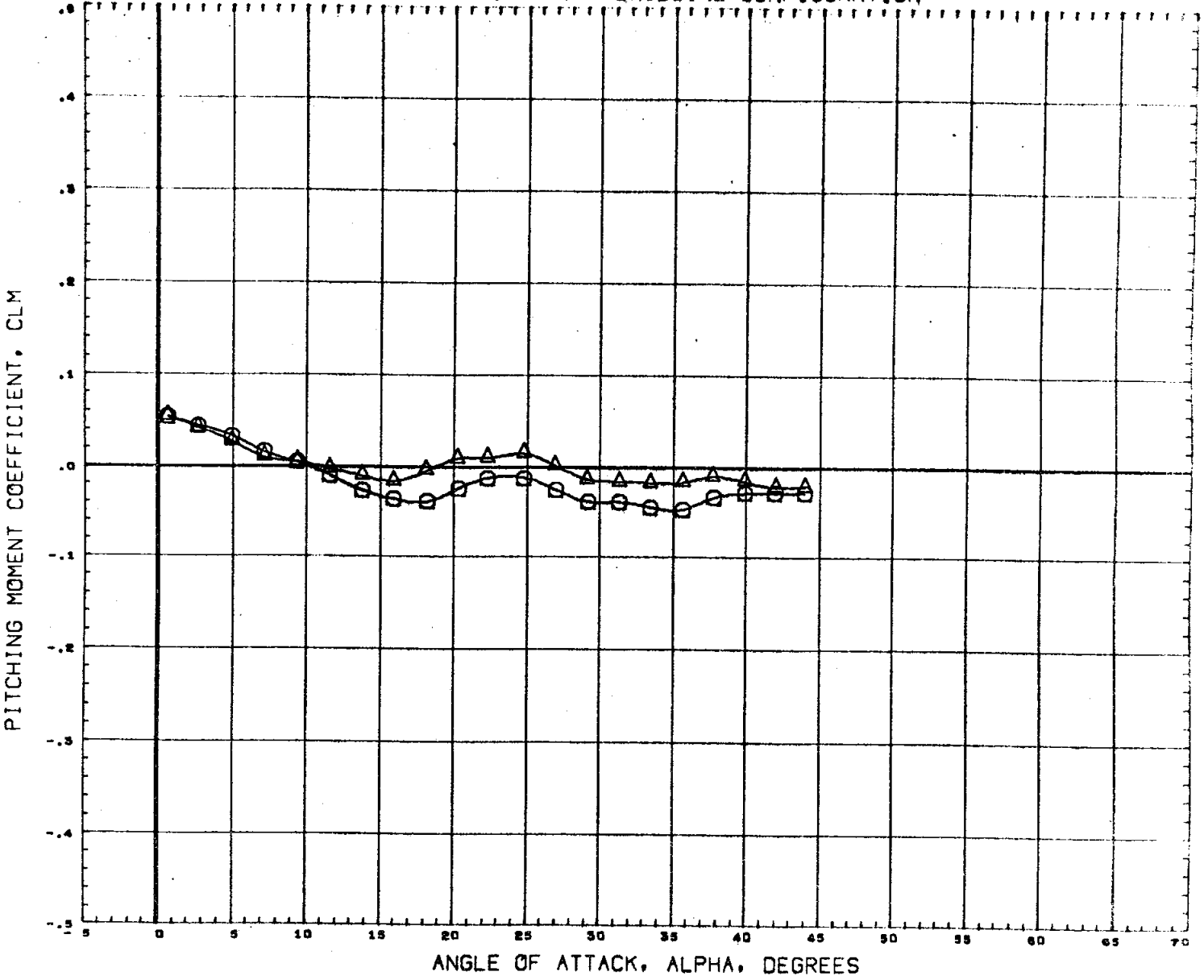
PAGE 180

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN.
(C76519)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

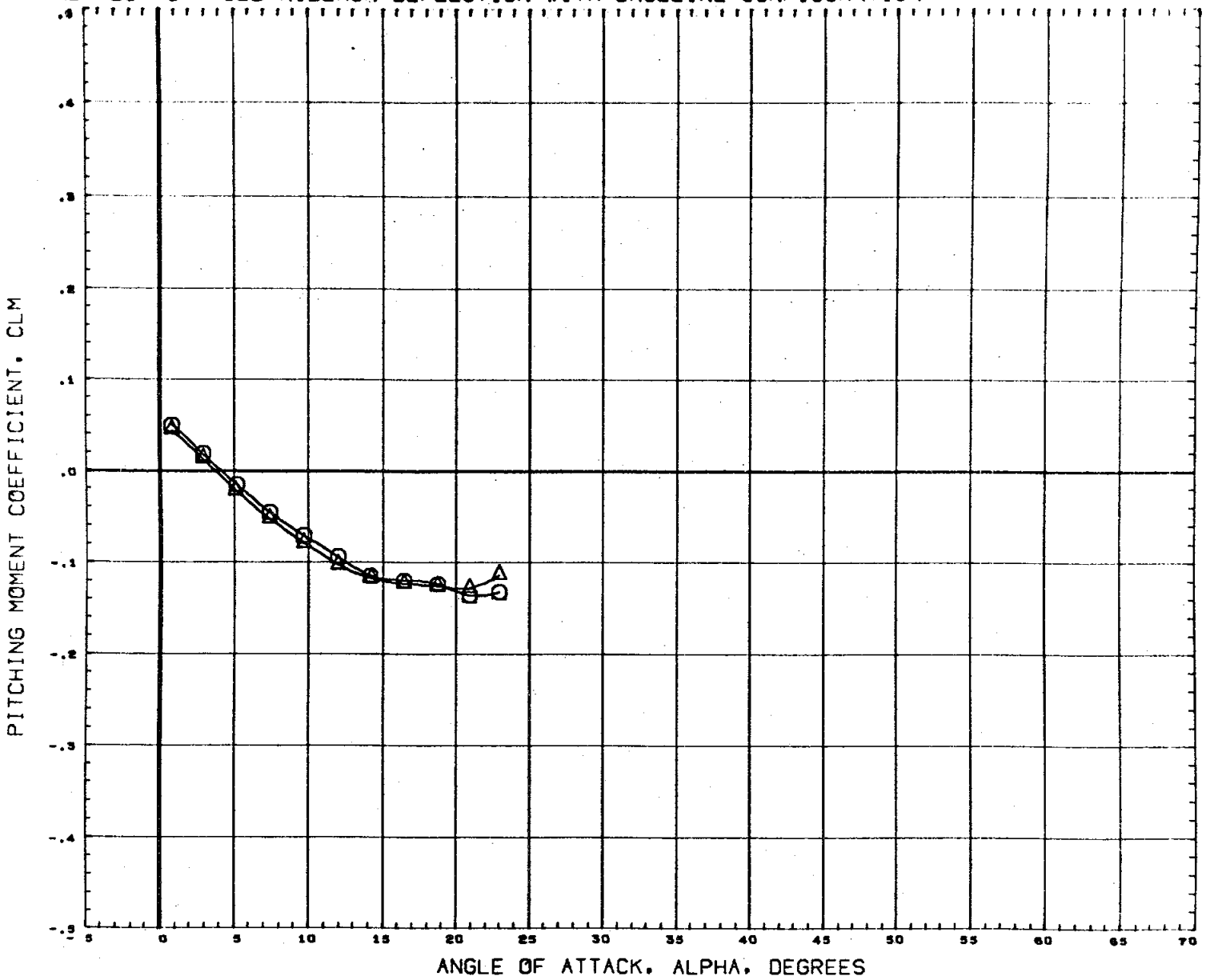
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0046

MACH .90

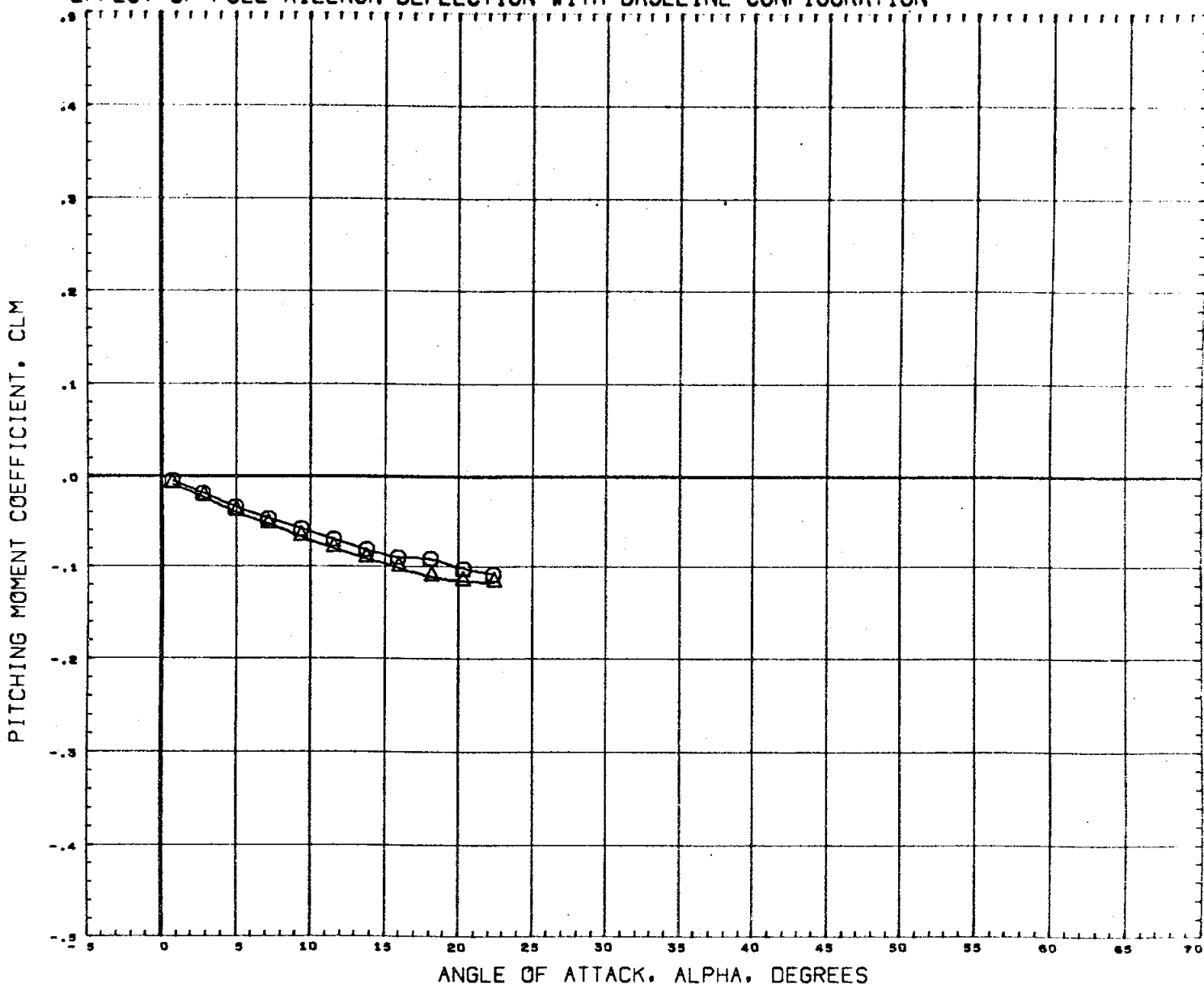
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.004C

MACH 1.20

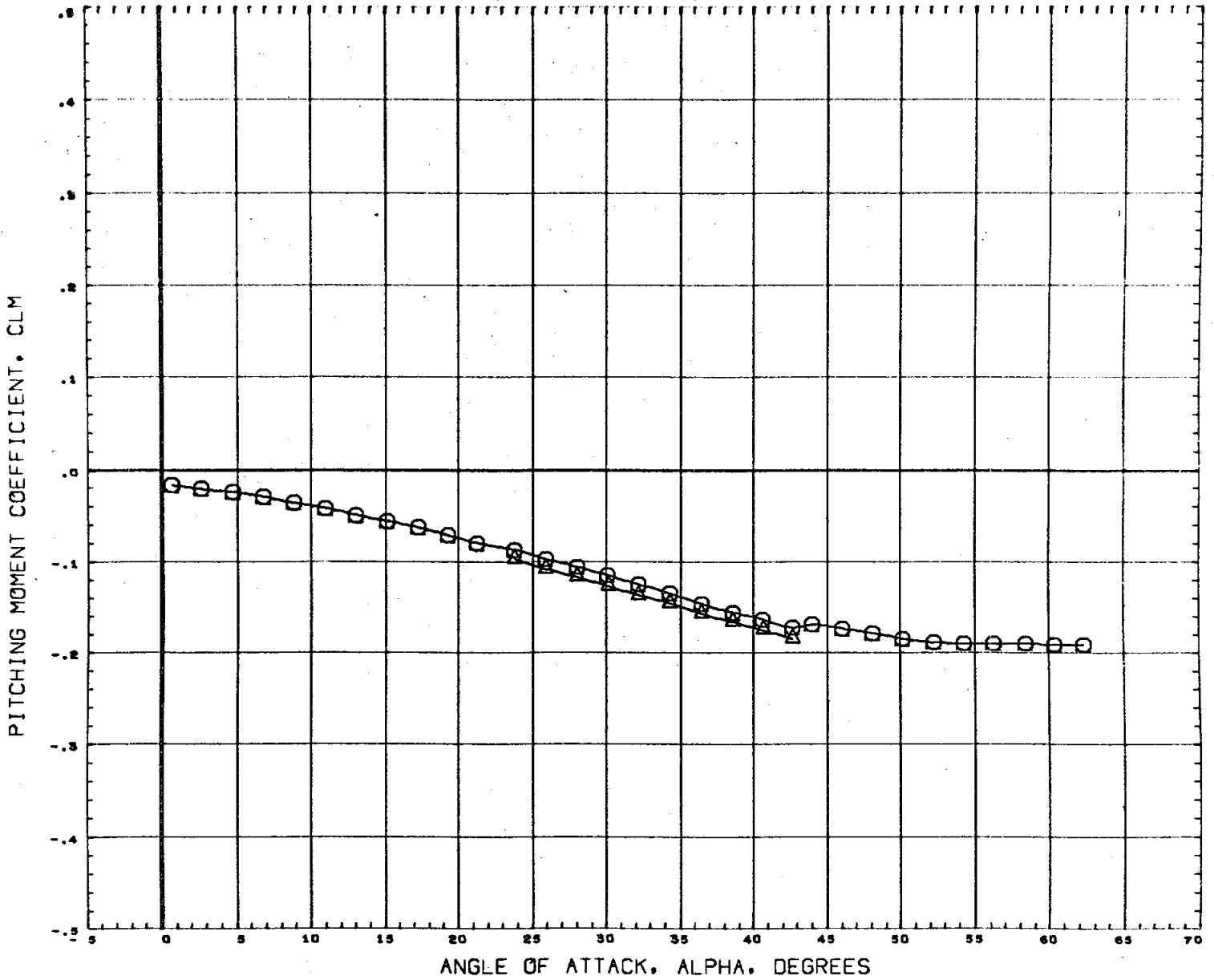
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

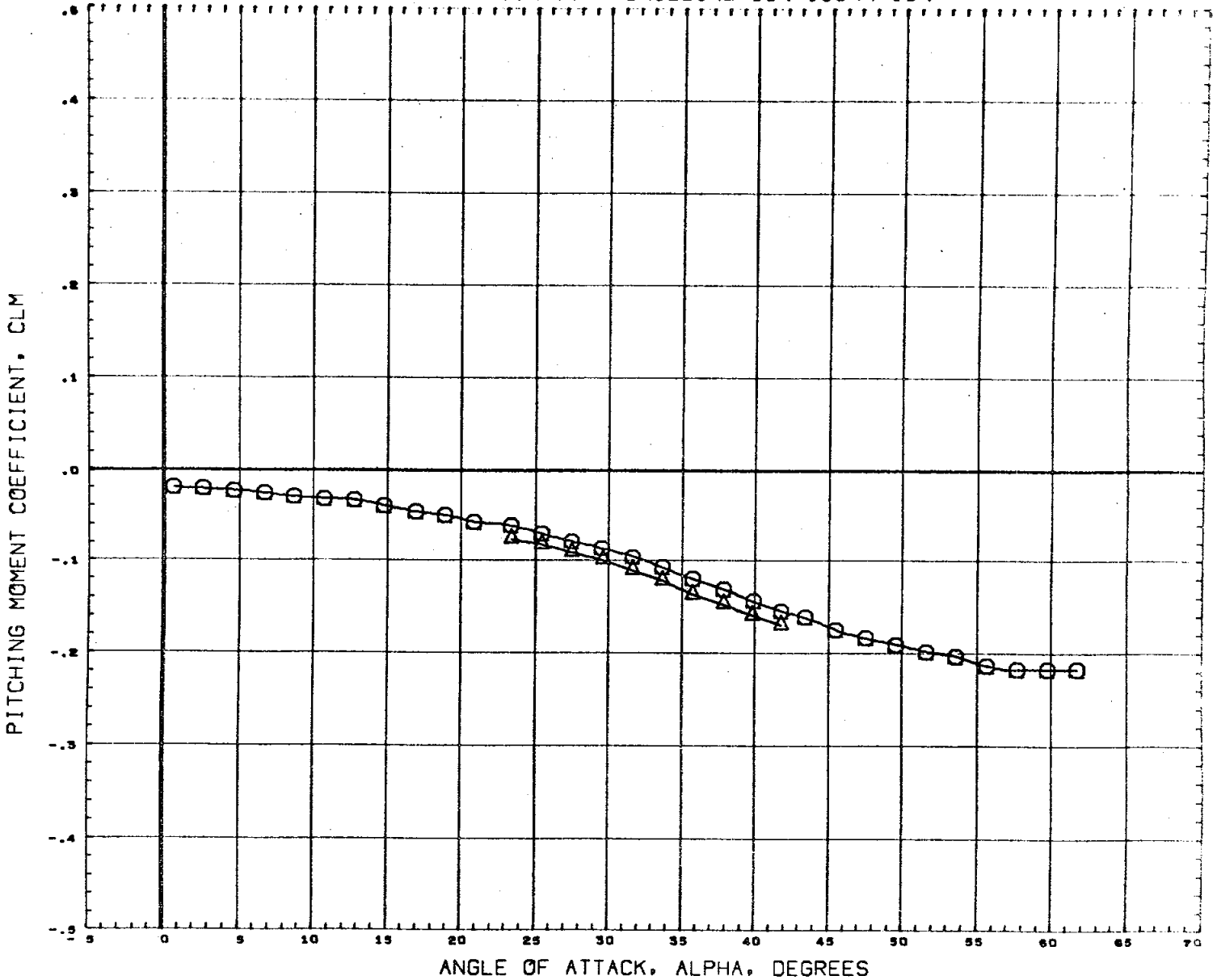


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

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# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

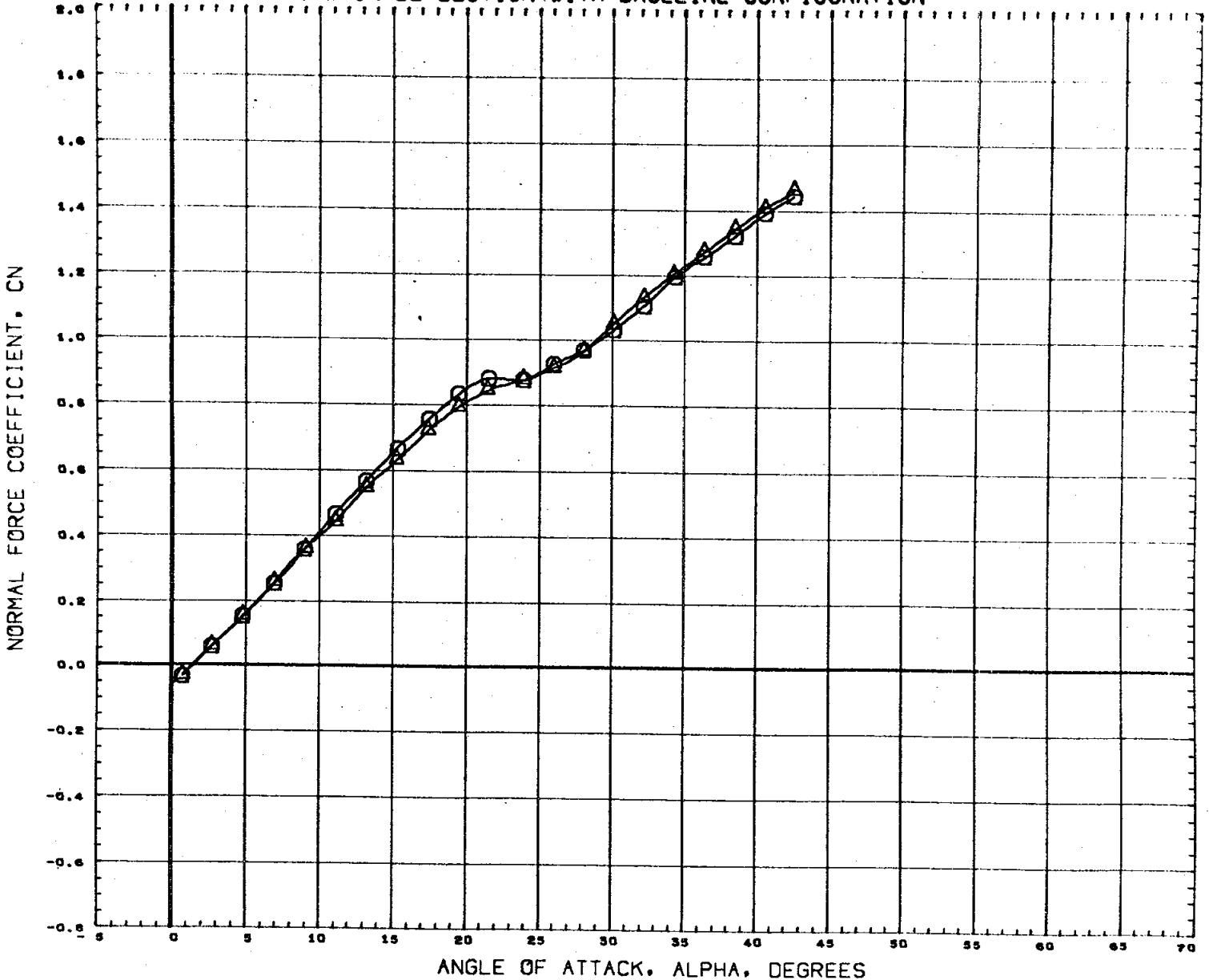


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4550 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96



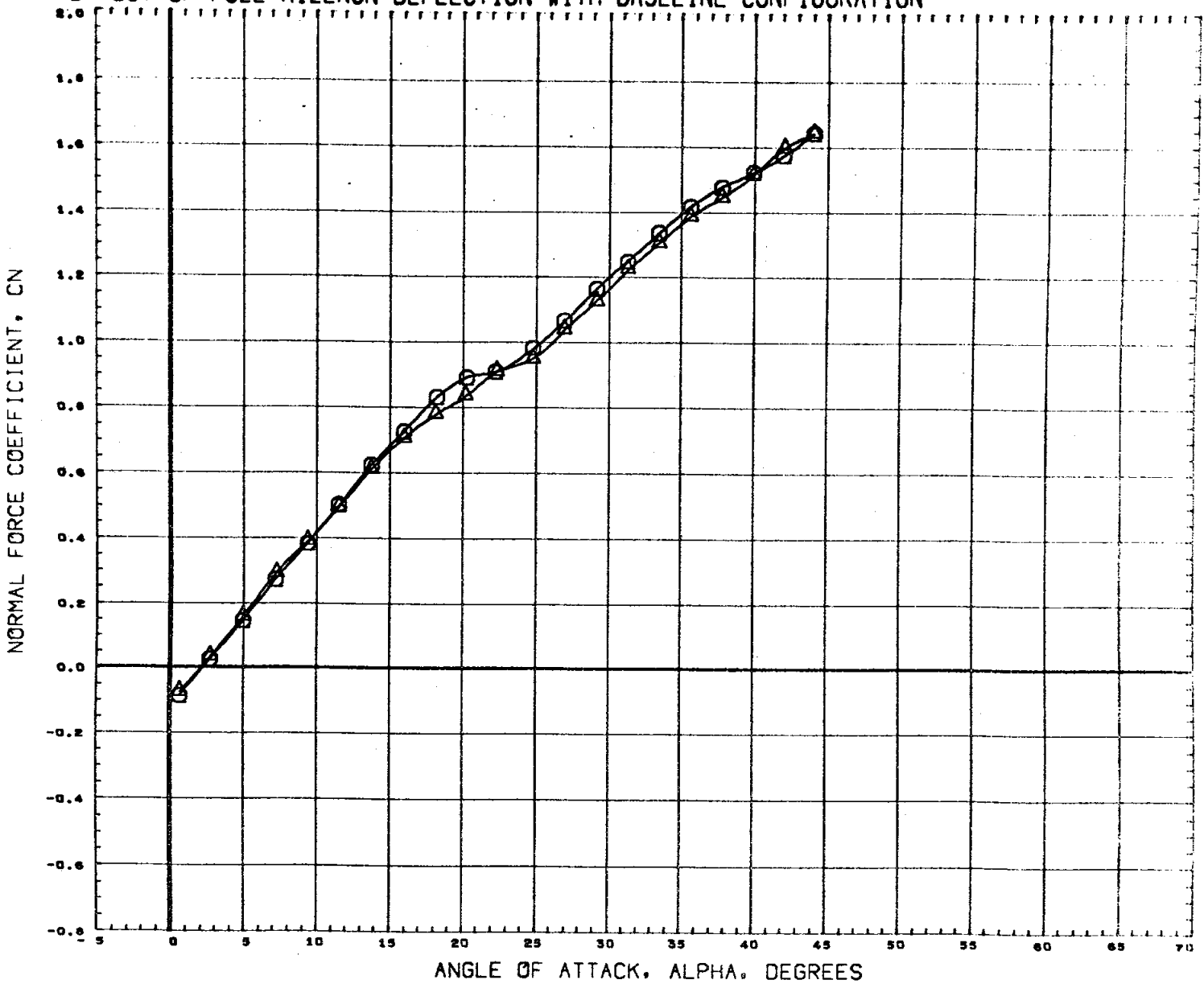
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

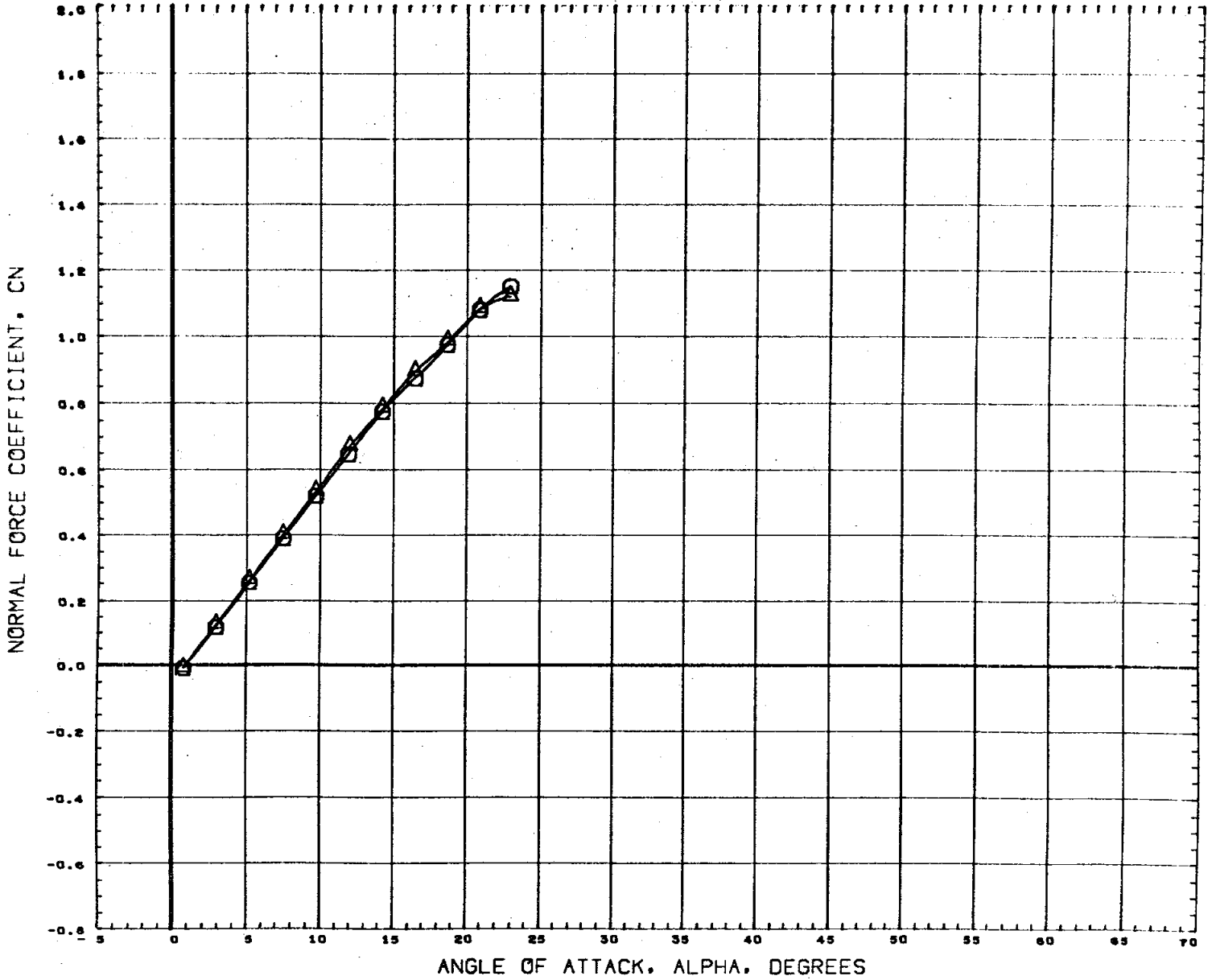
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

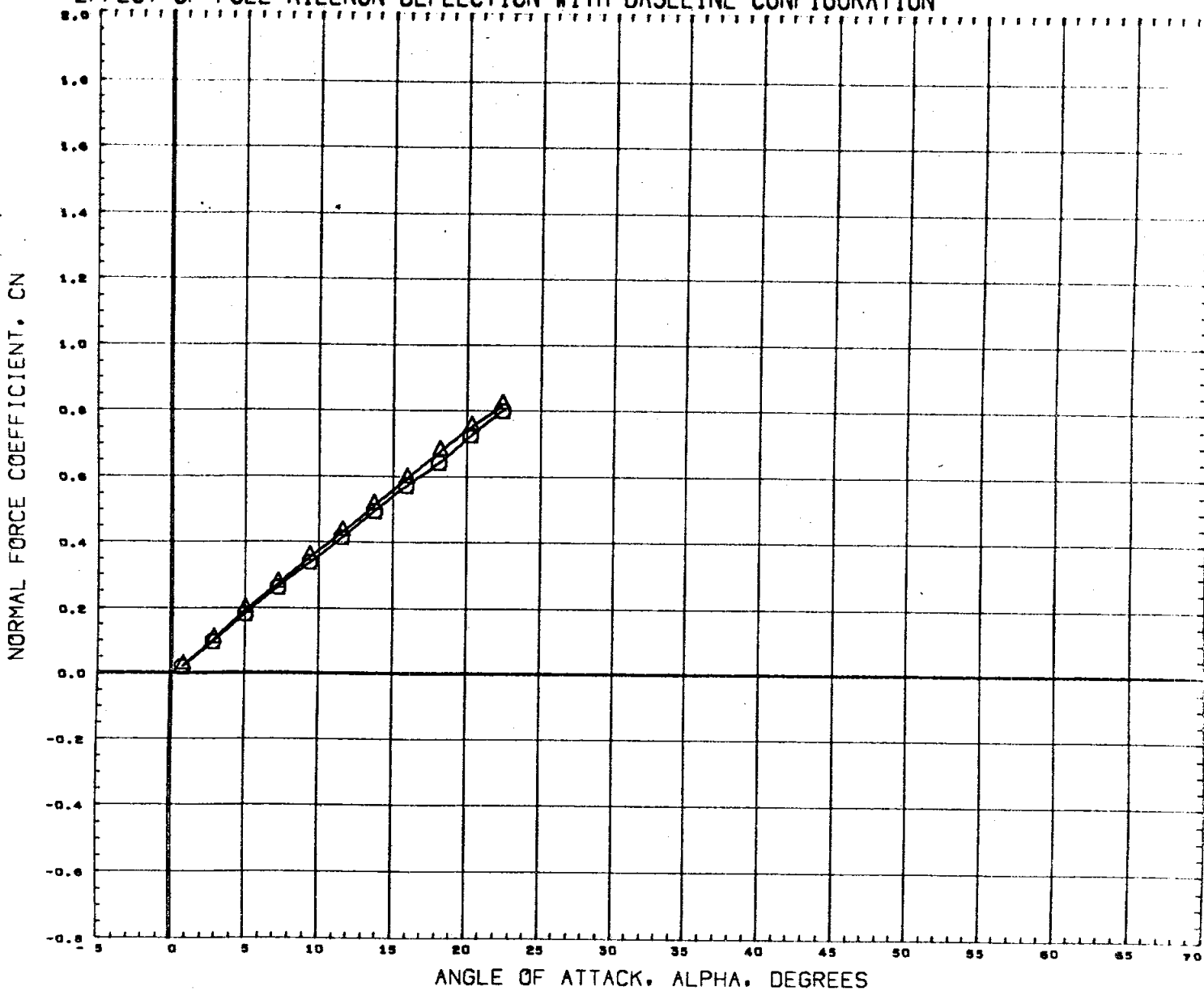
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

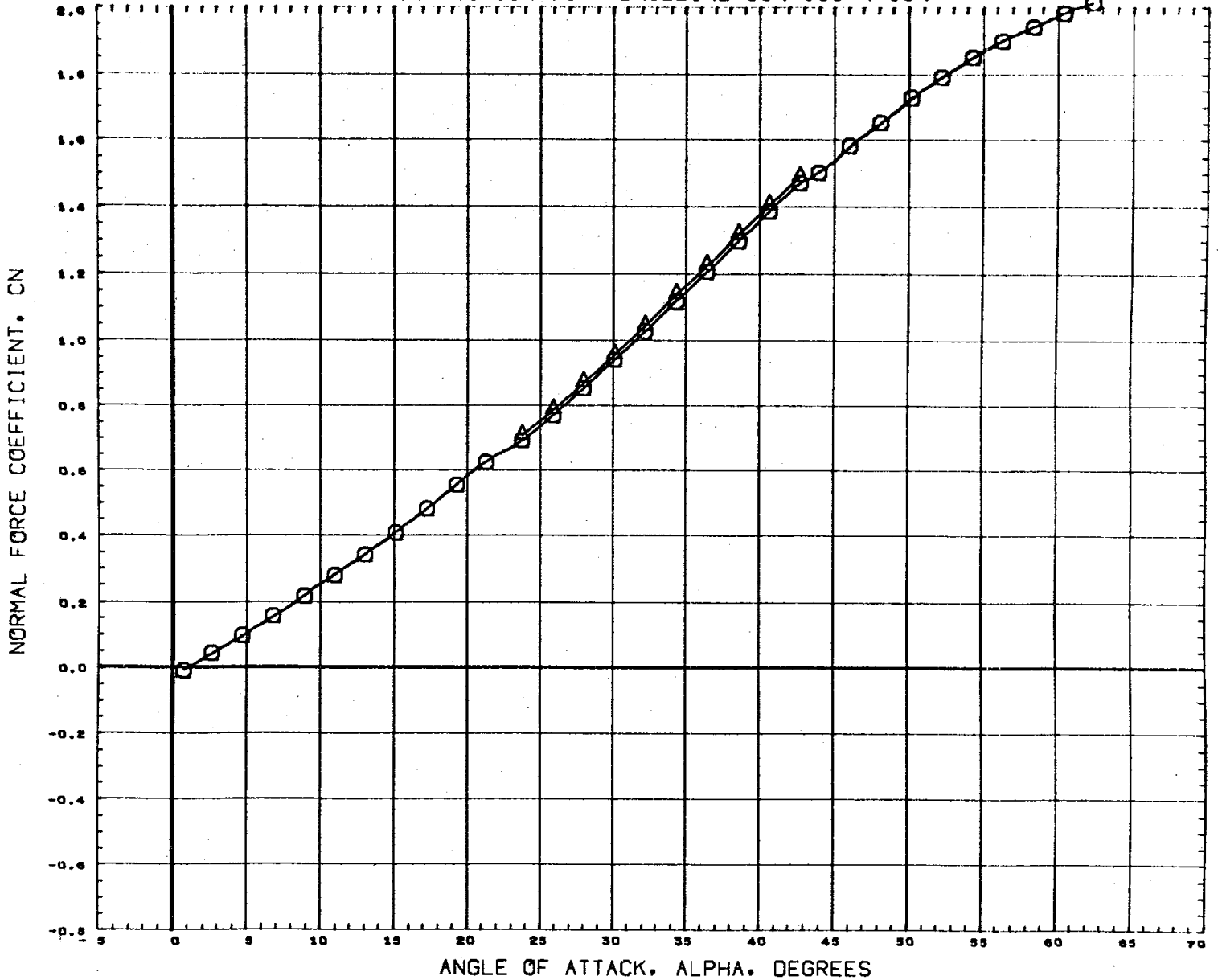
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0043

MACH 1.97

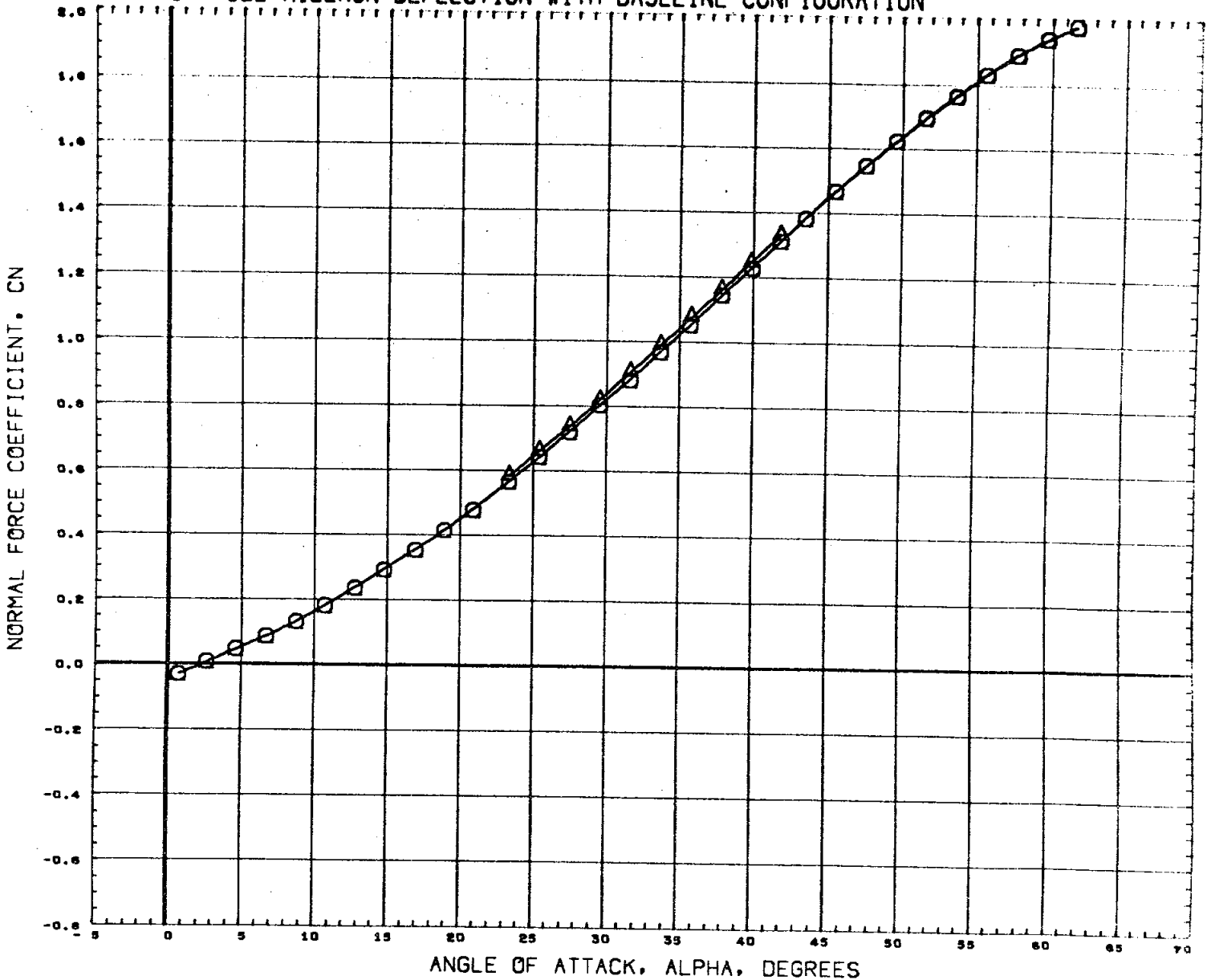
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

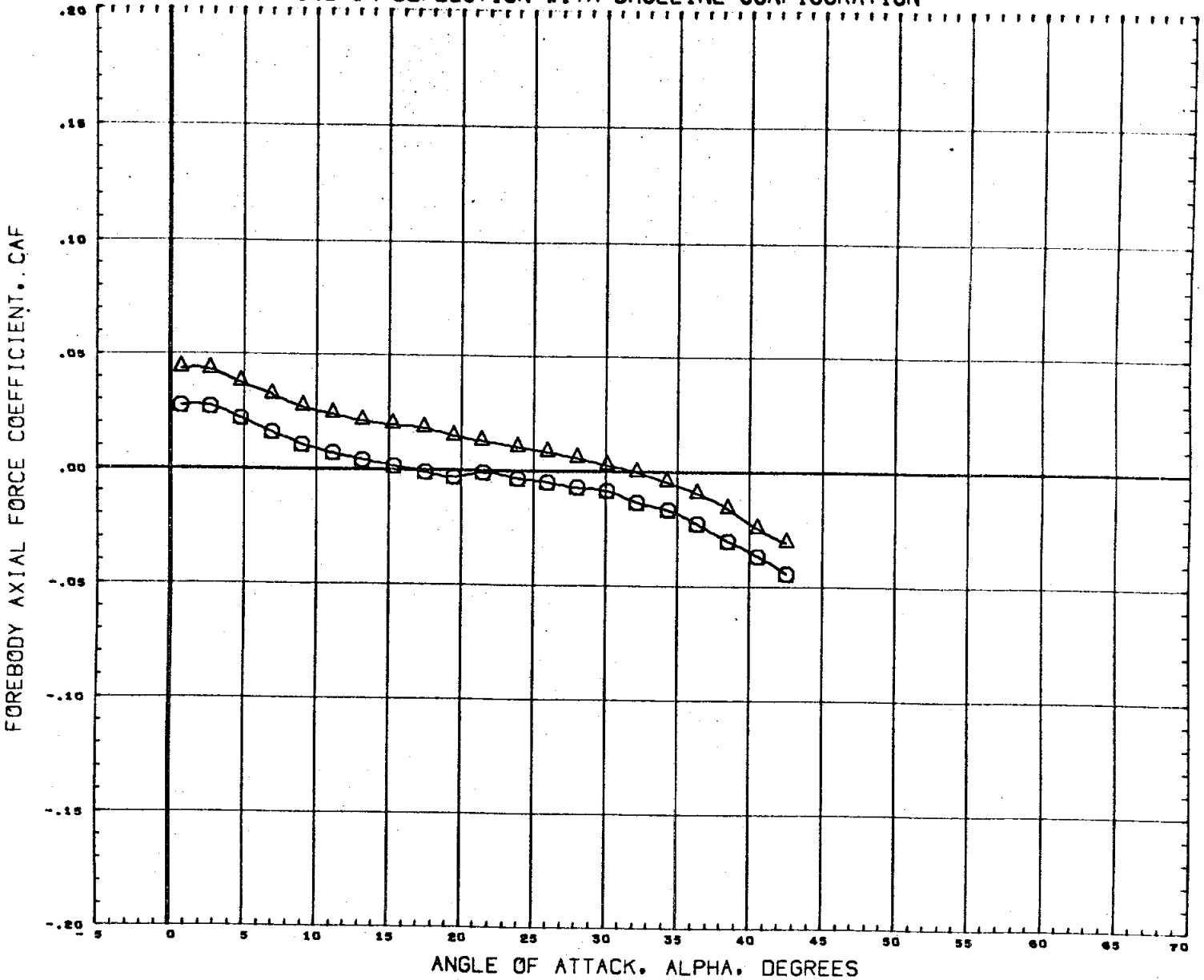
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4930 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

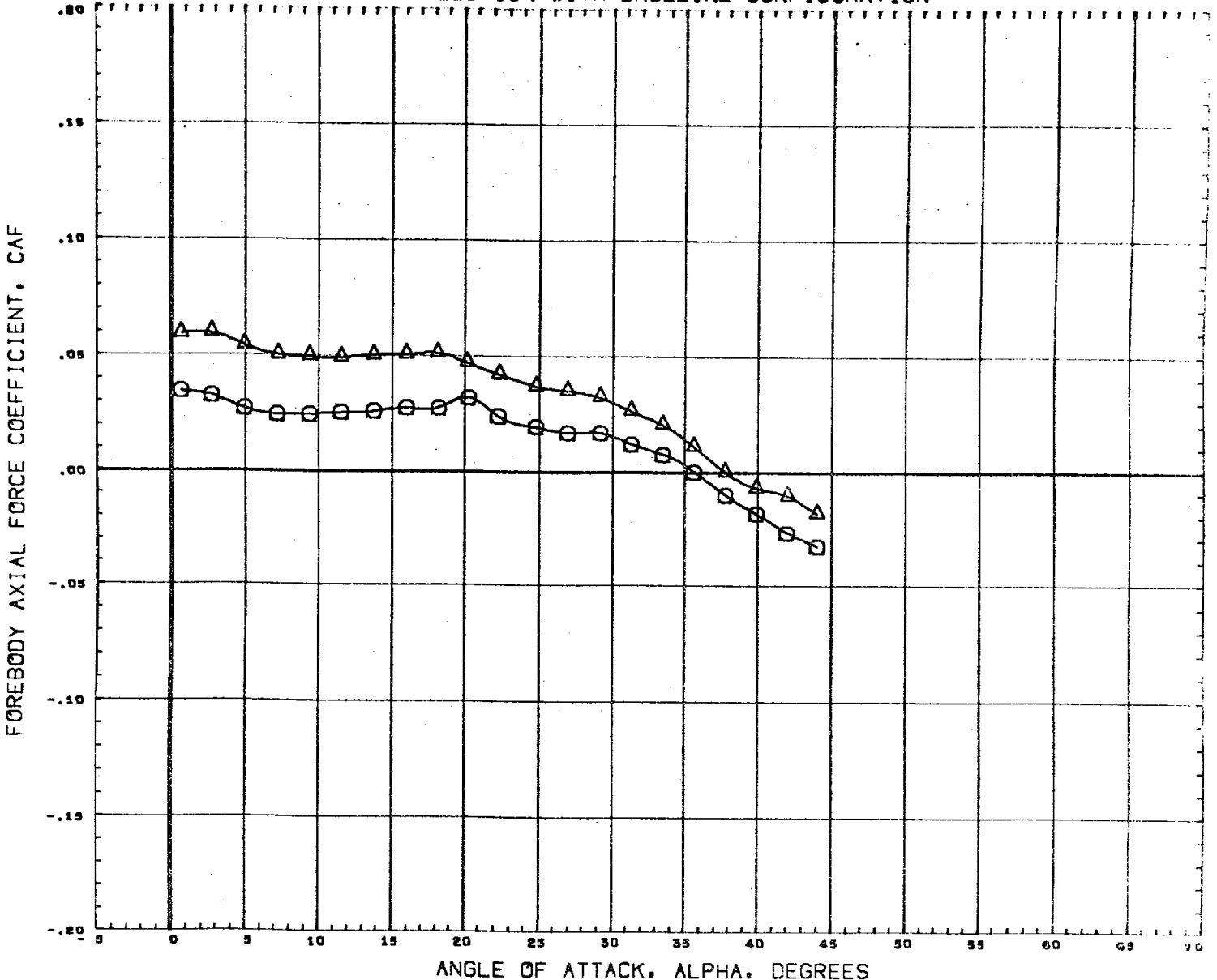
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ.IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

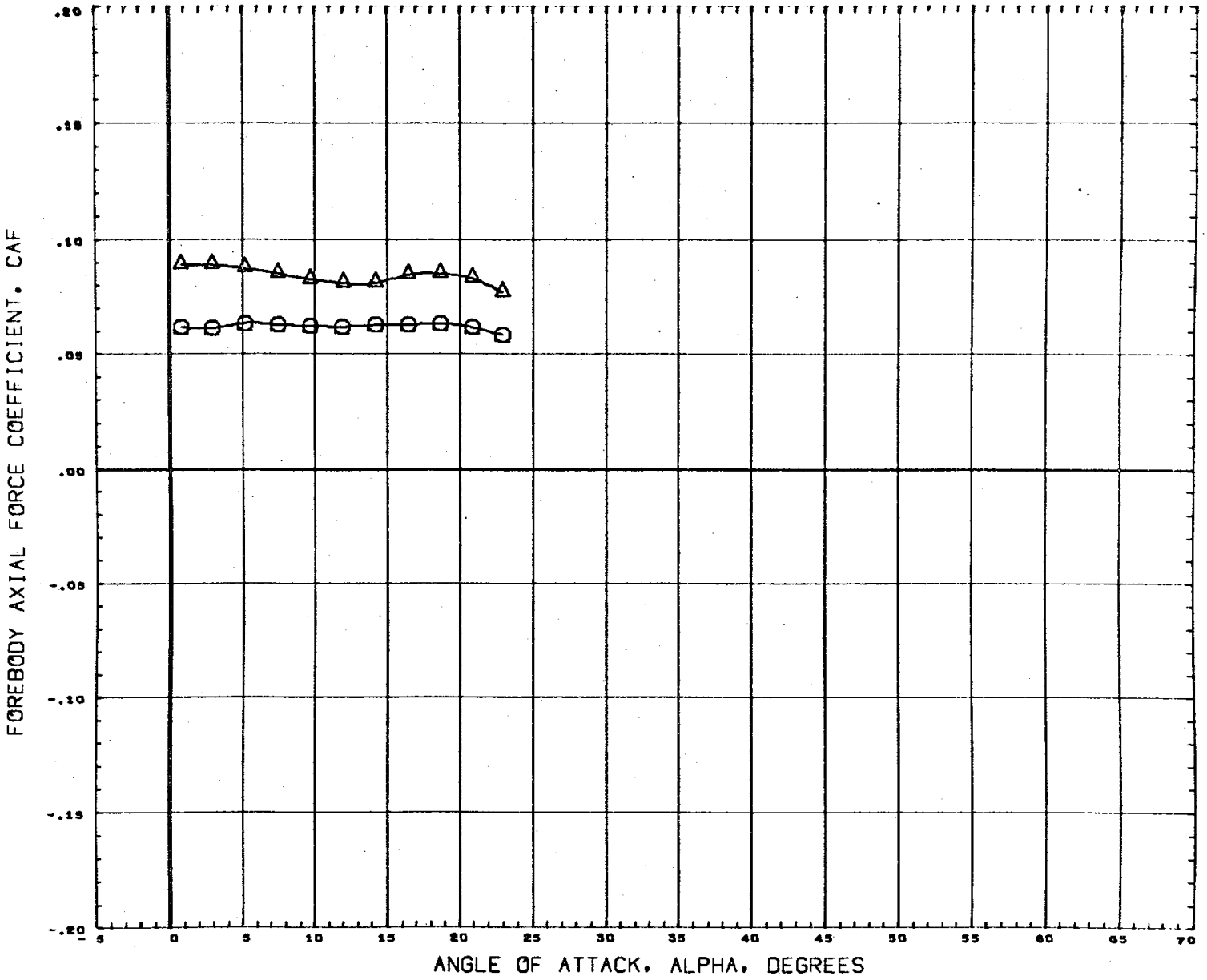


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1026 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



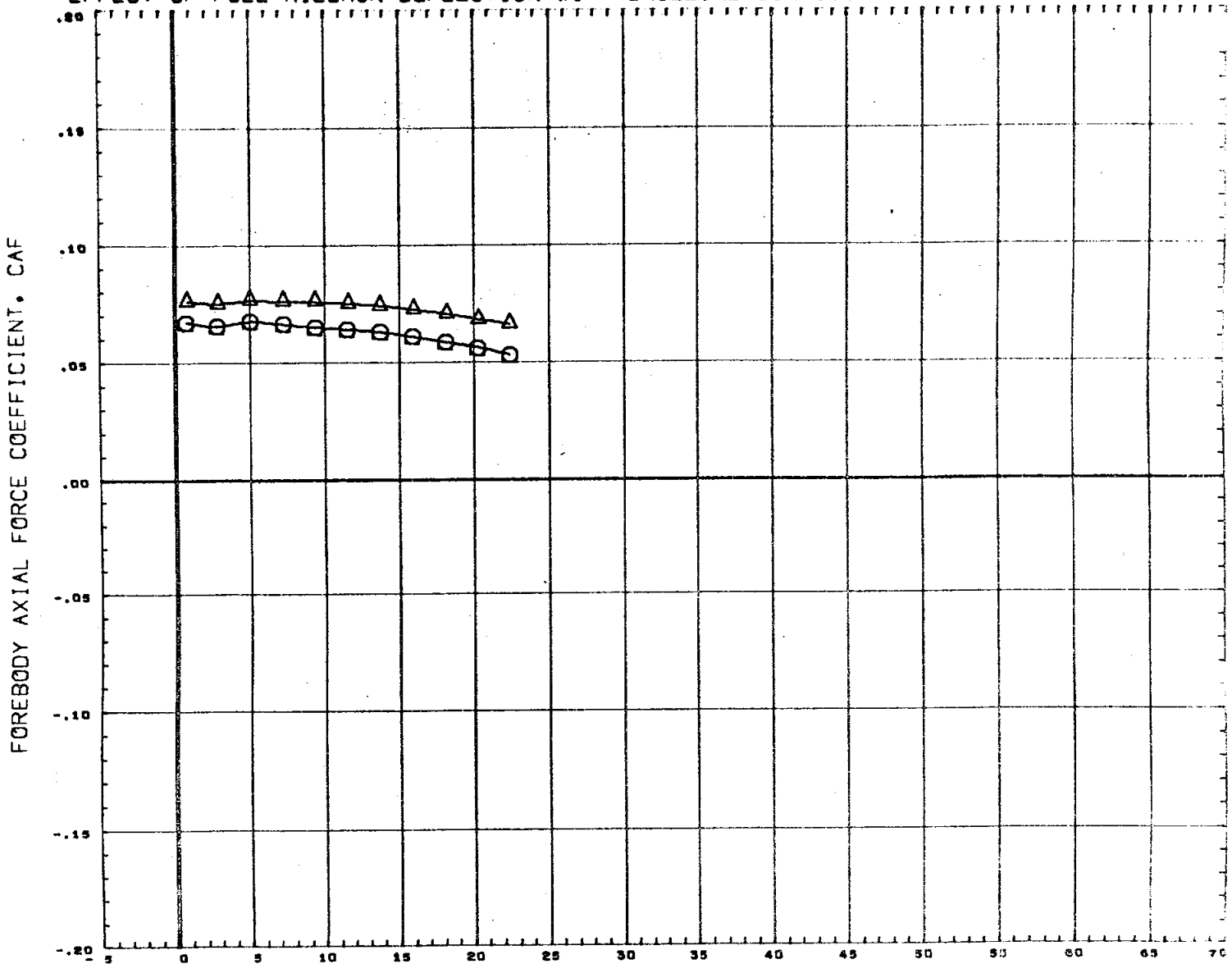
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

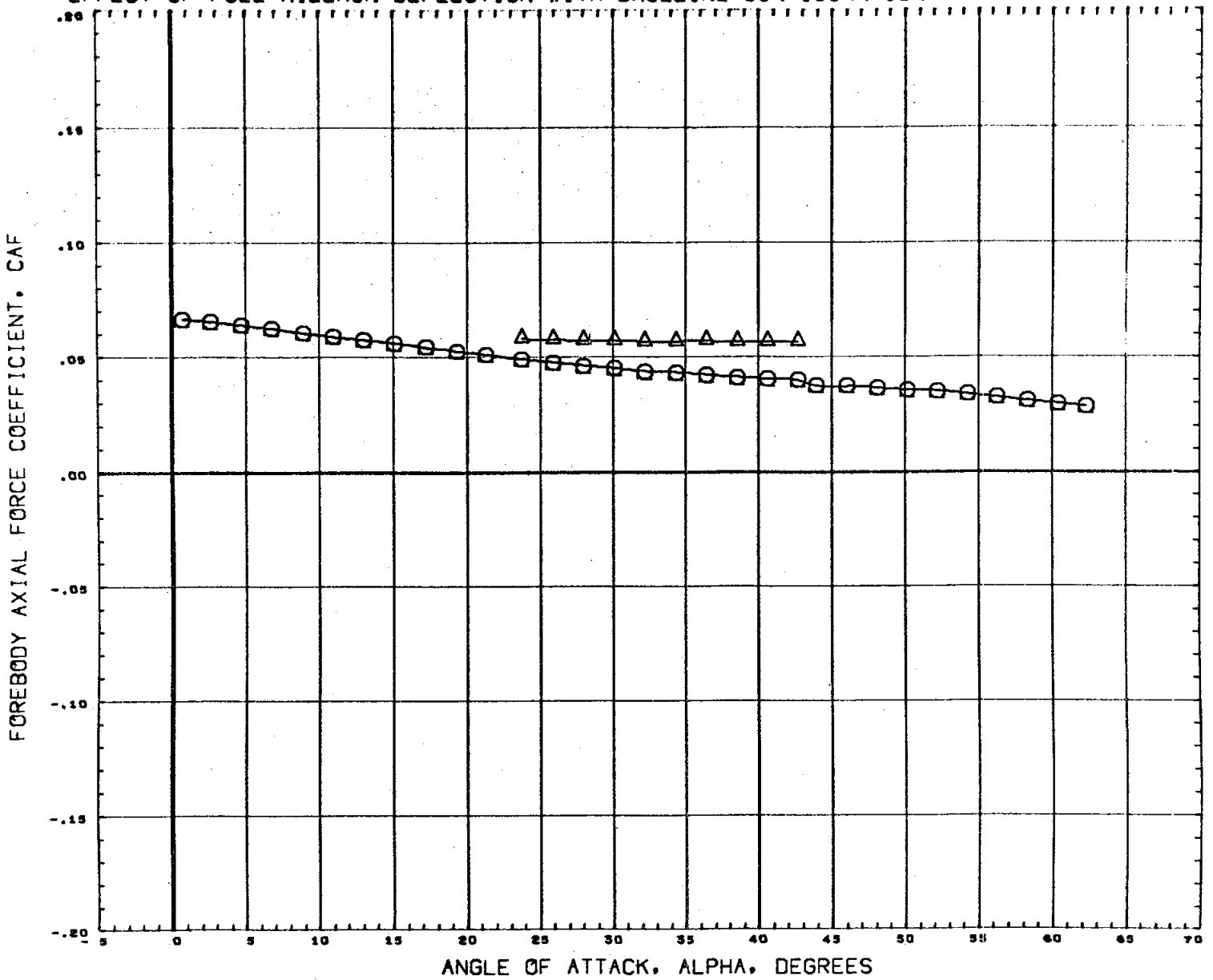
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

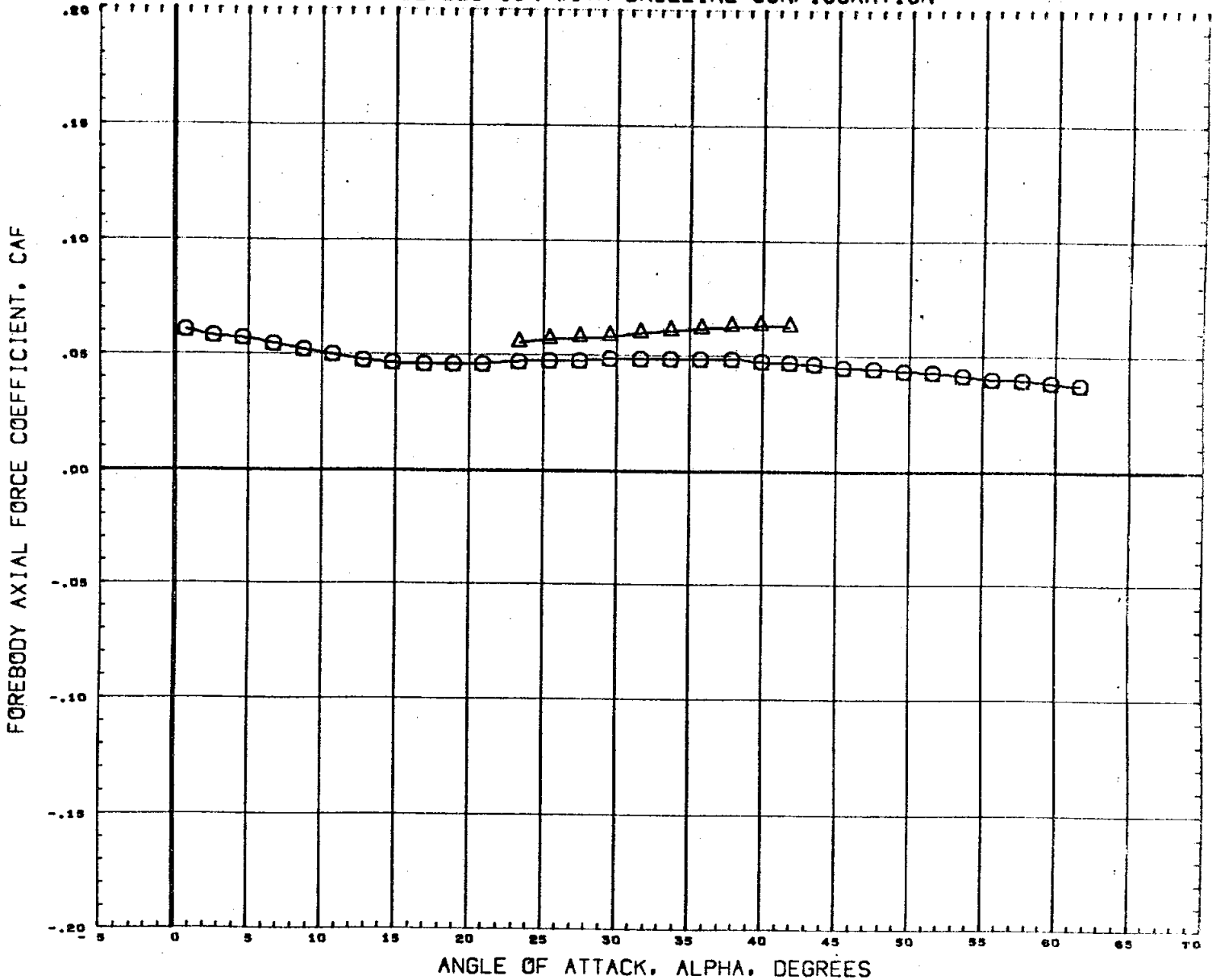


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

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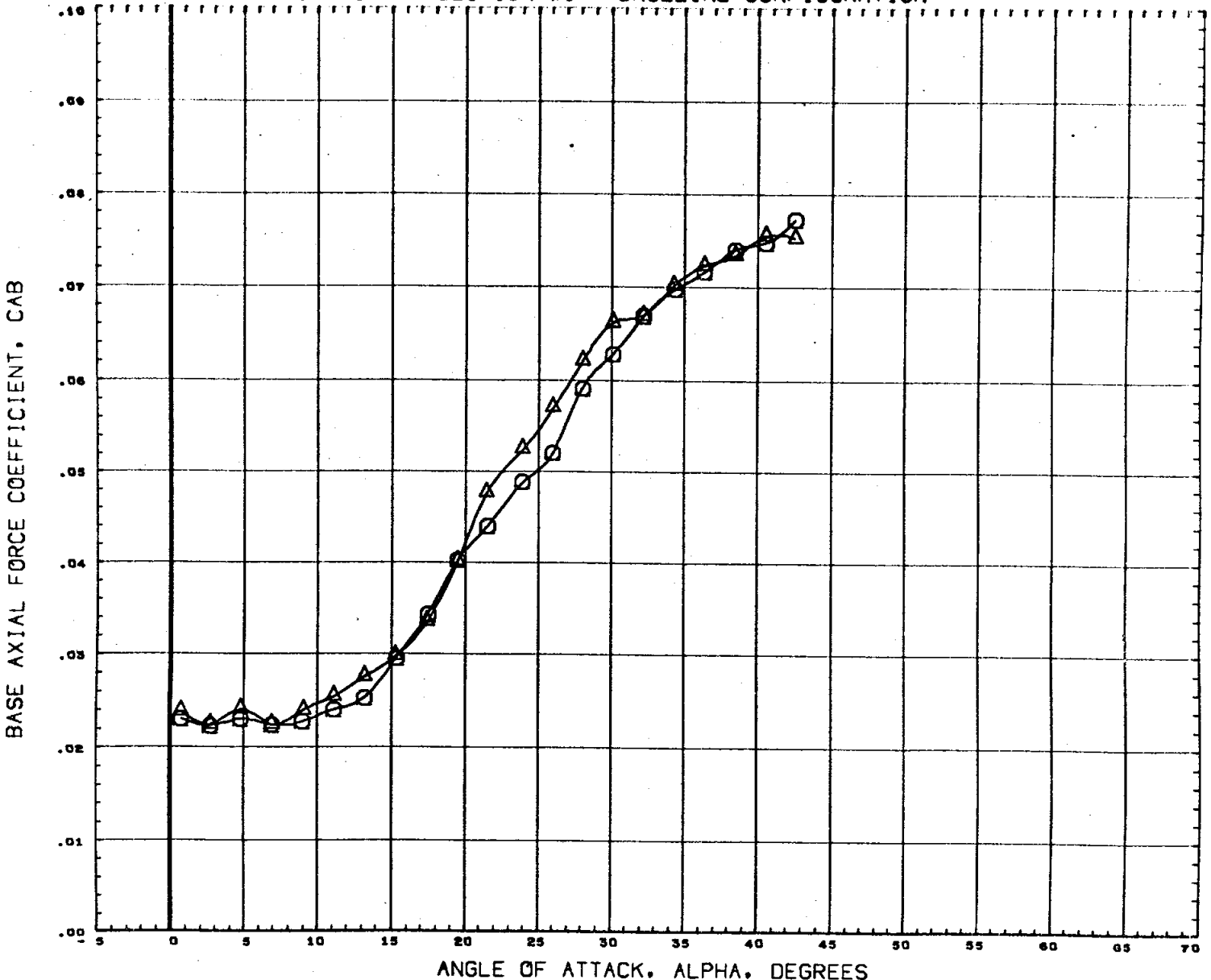
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

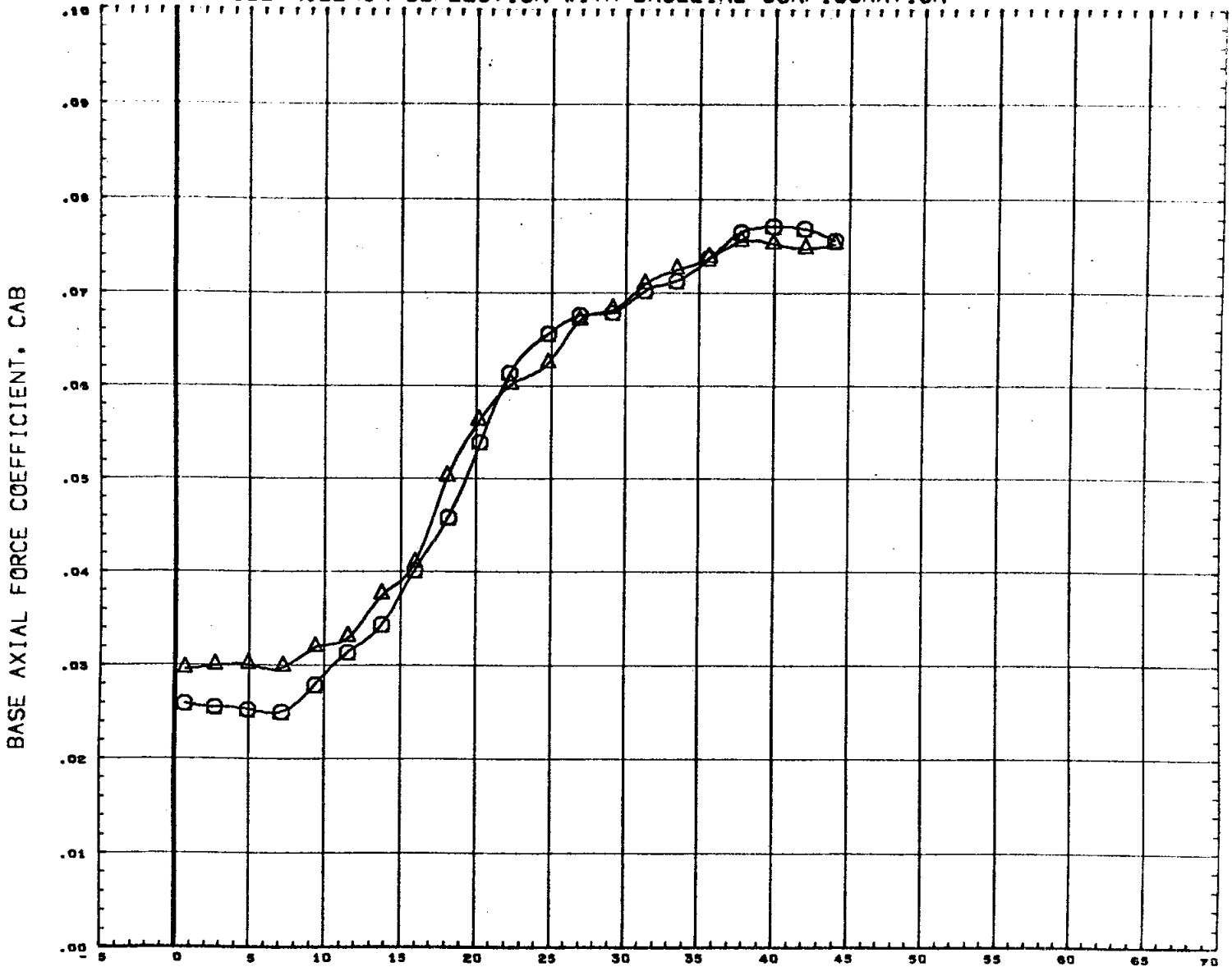


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH

.59

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

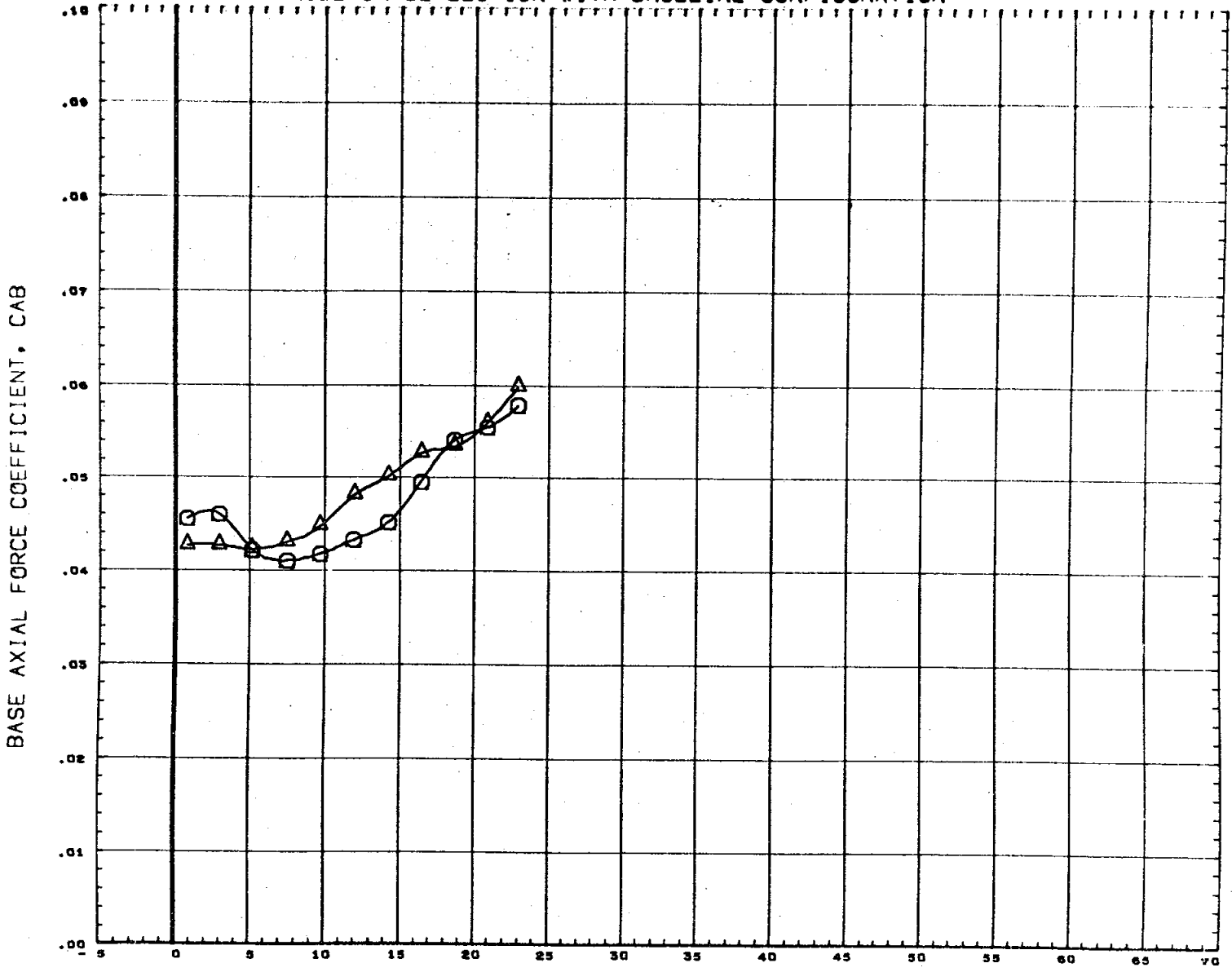


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						YMRP	3.4530 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .90

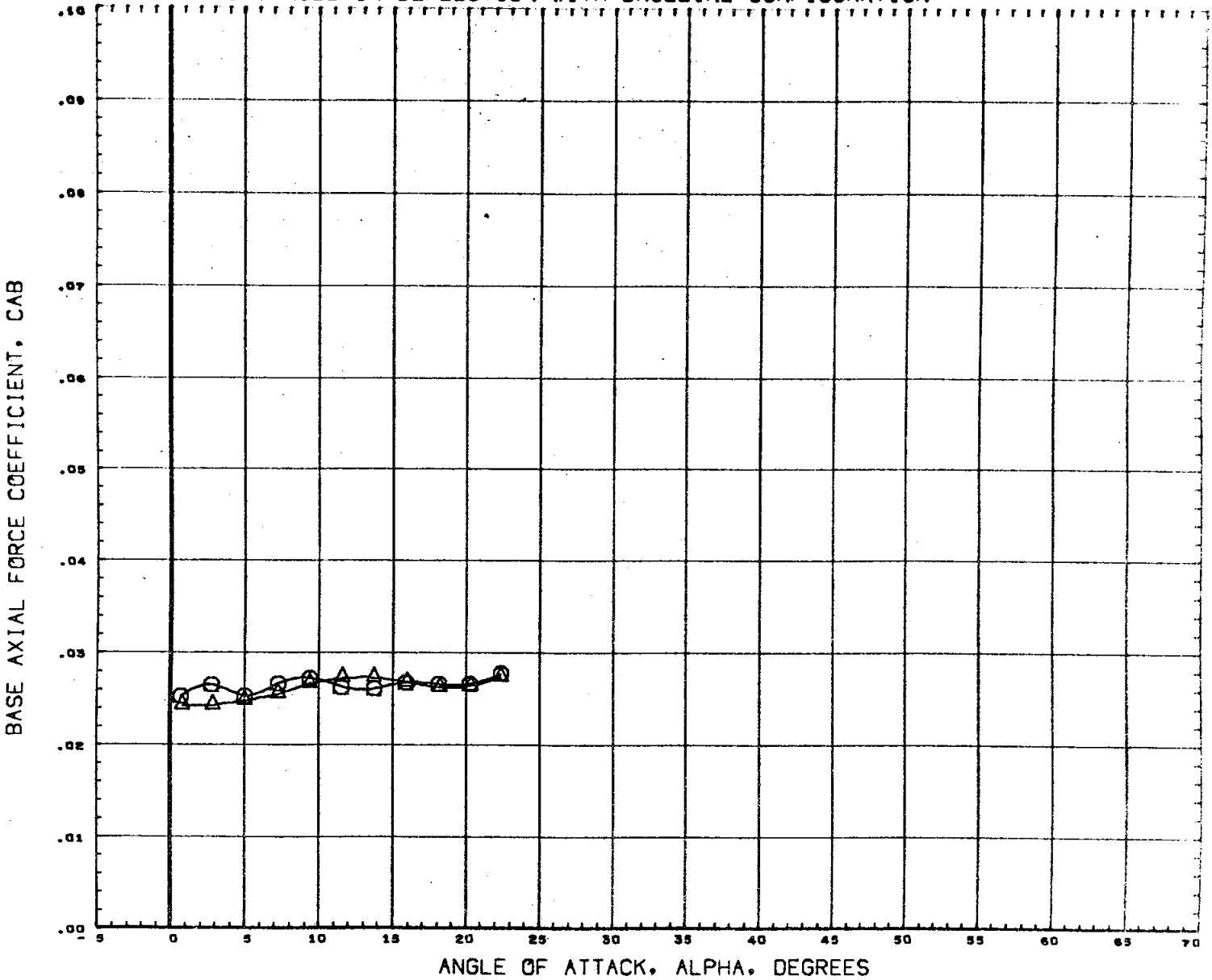
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						OREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.20

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

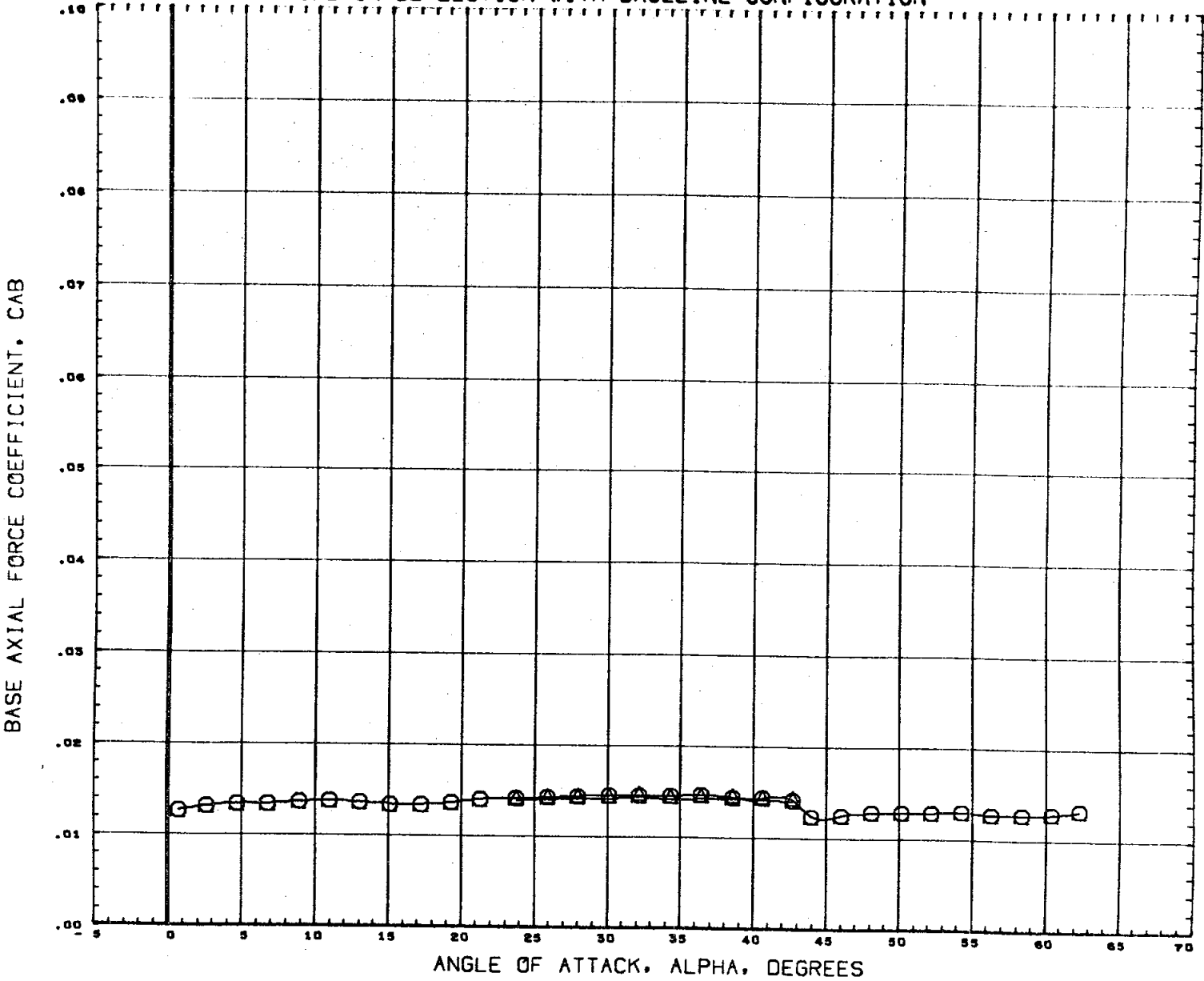


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97



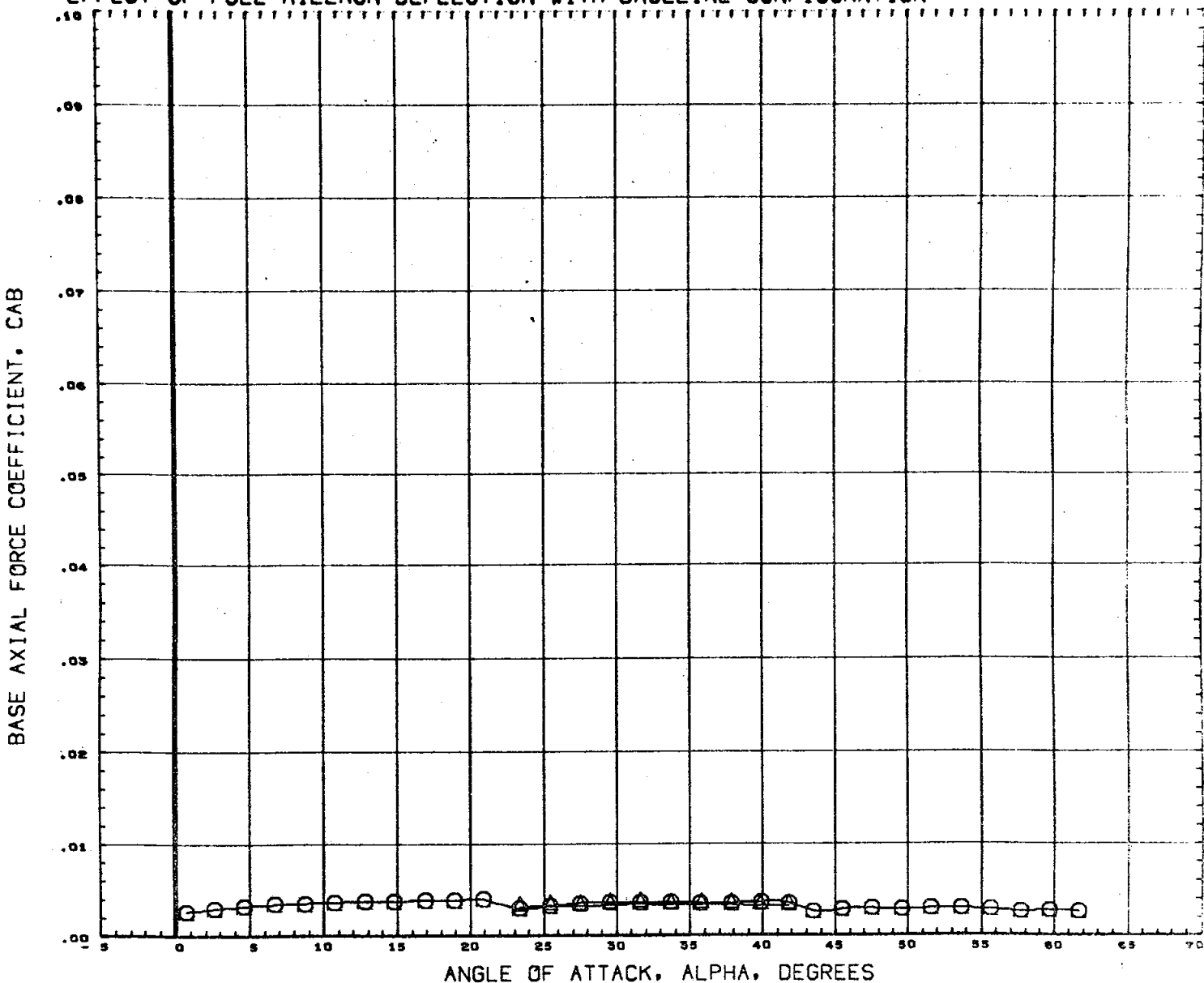
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRRP 3.4550 IN.
						YMRRP 0.0000 IN.
						ZMRRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

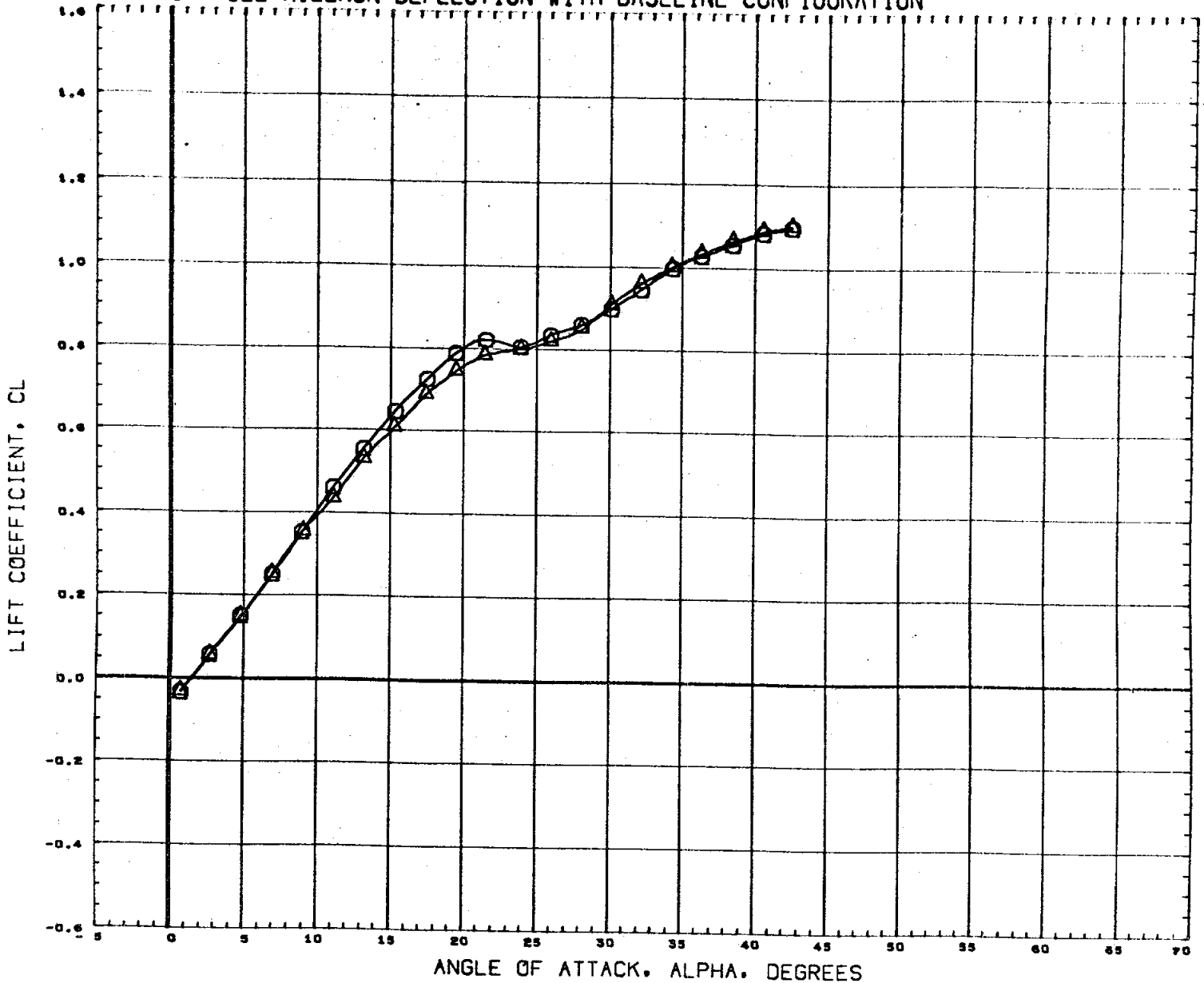
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

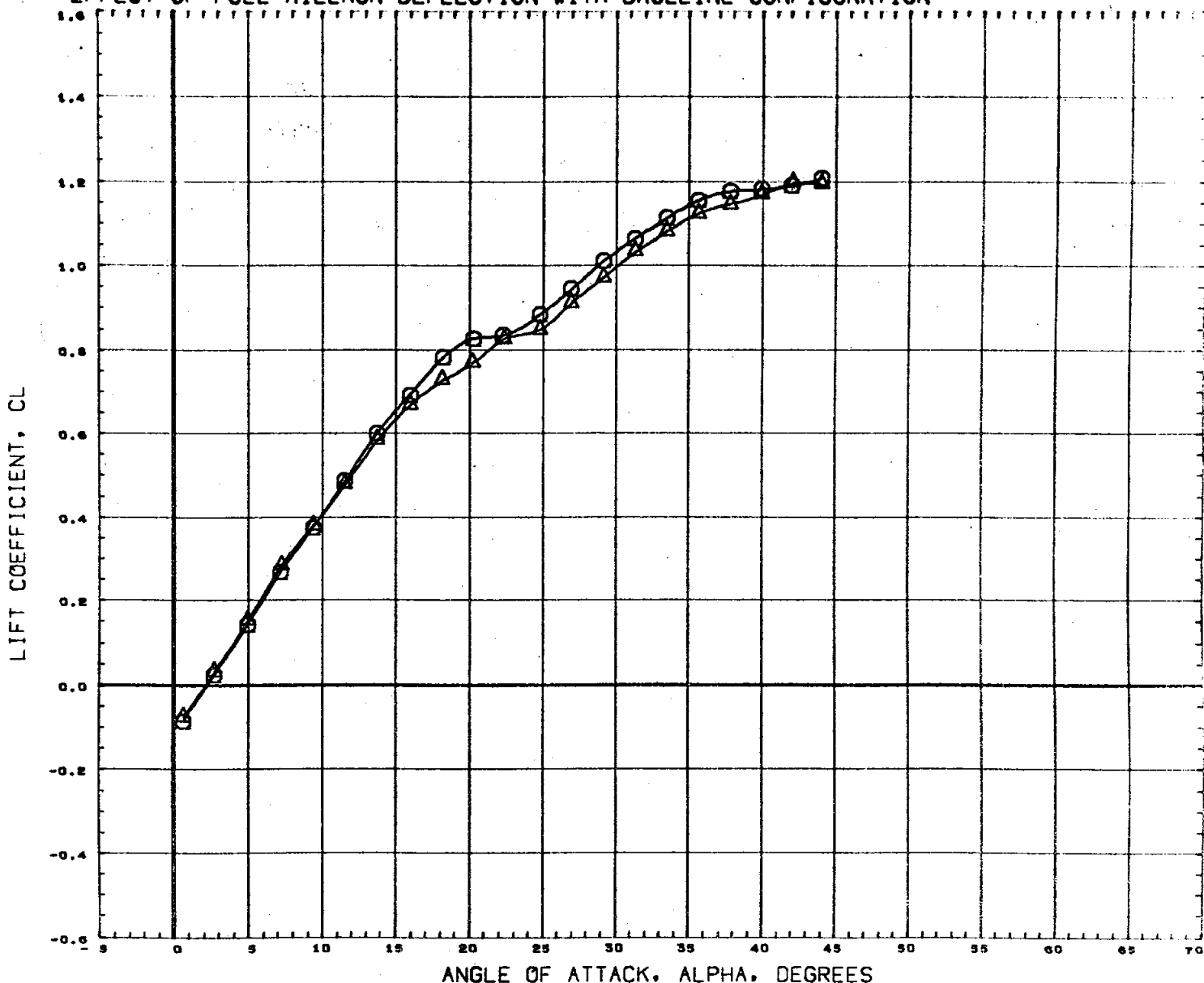
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76308)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76S19)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .59

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

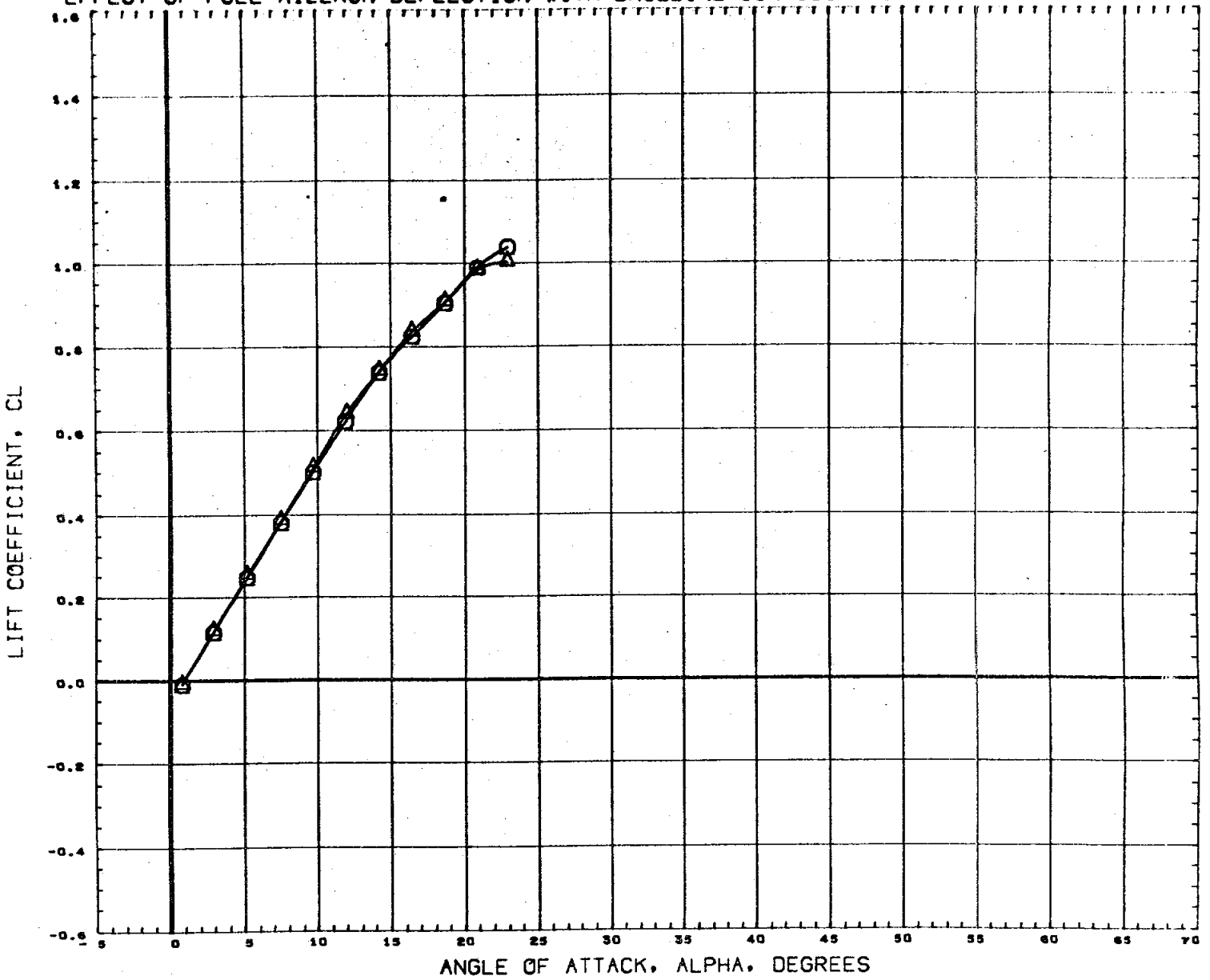


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .90

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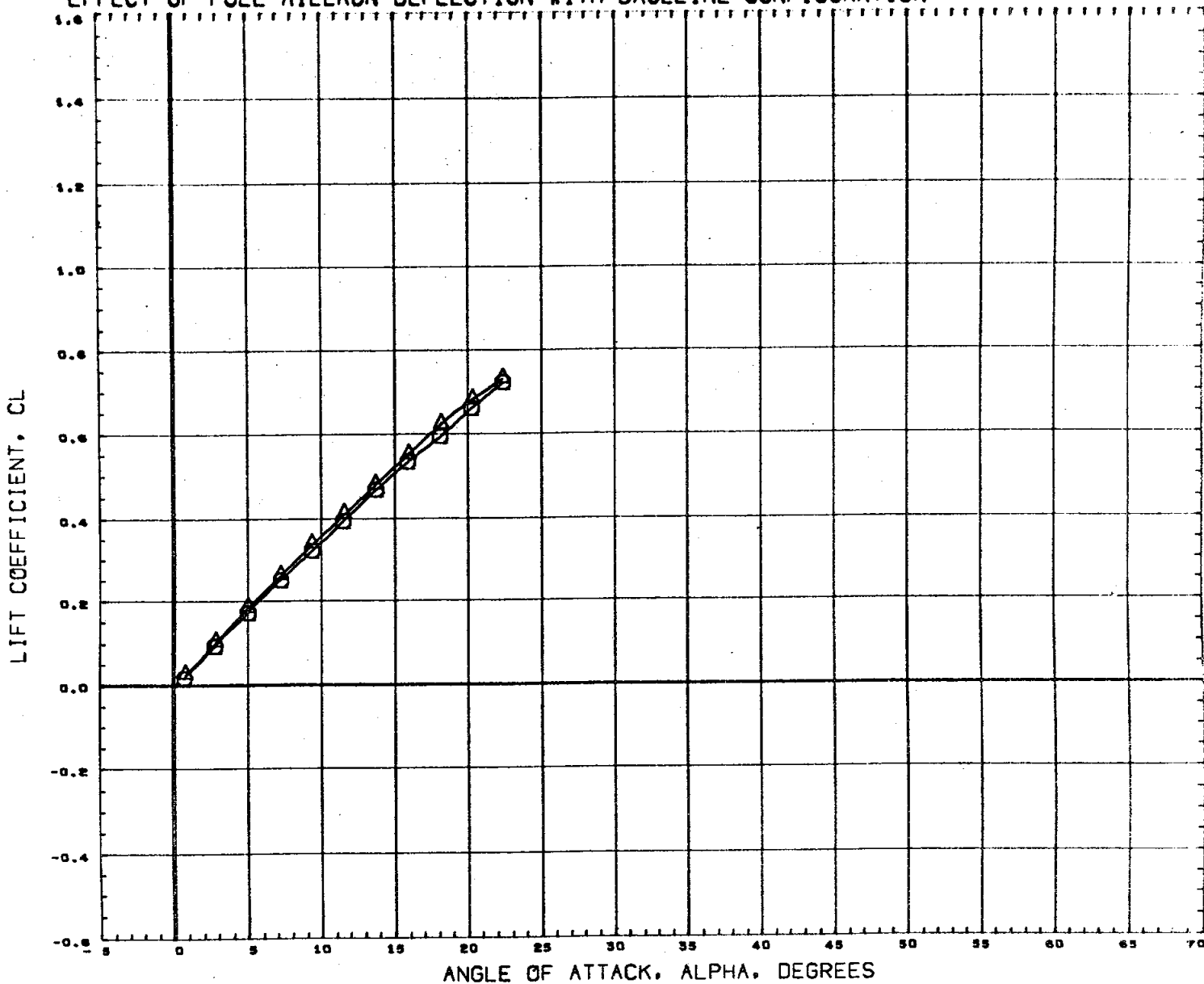
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

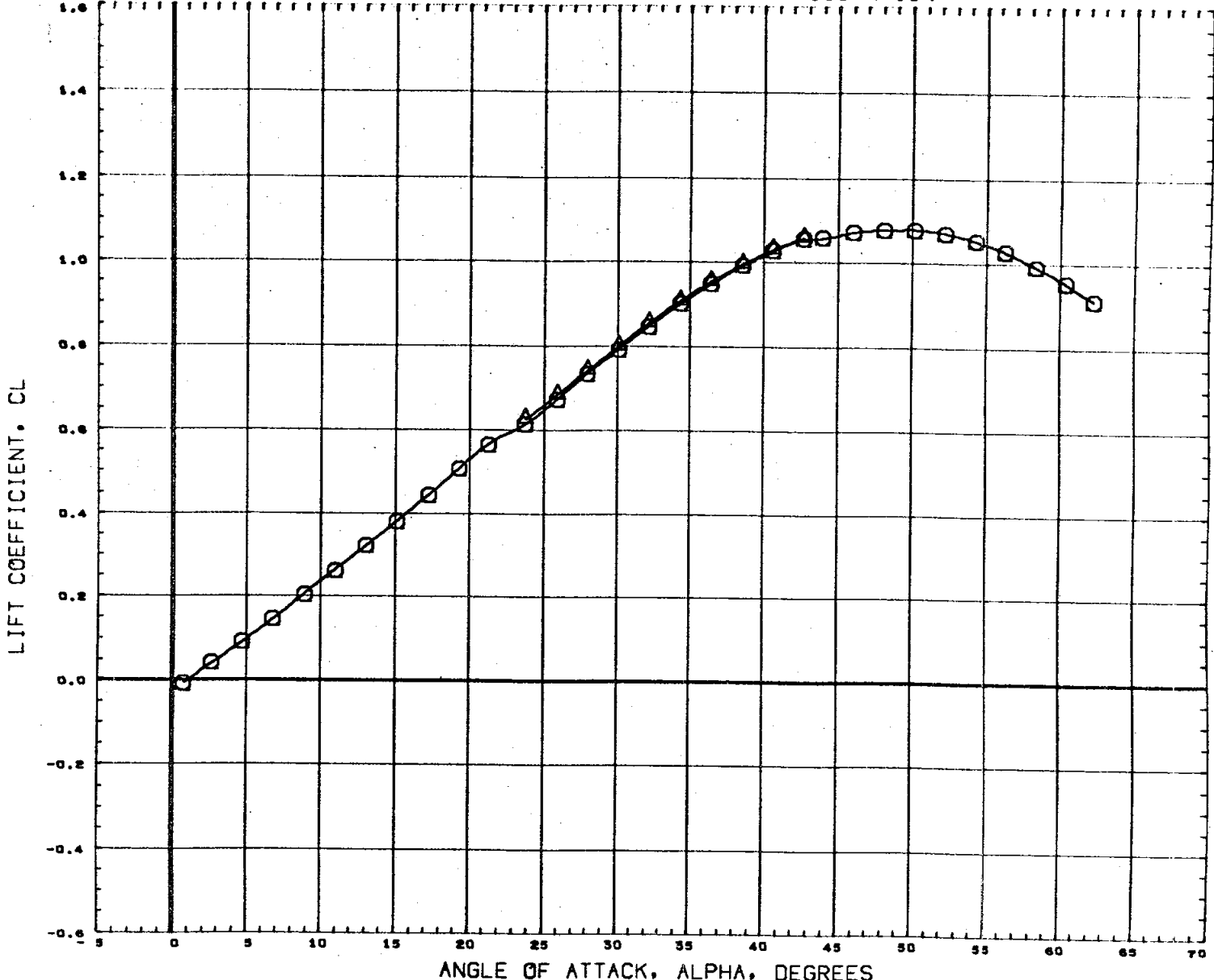
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FAS) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

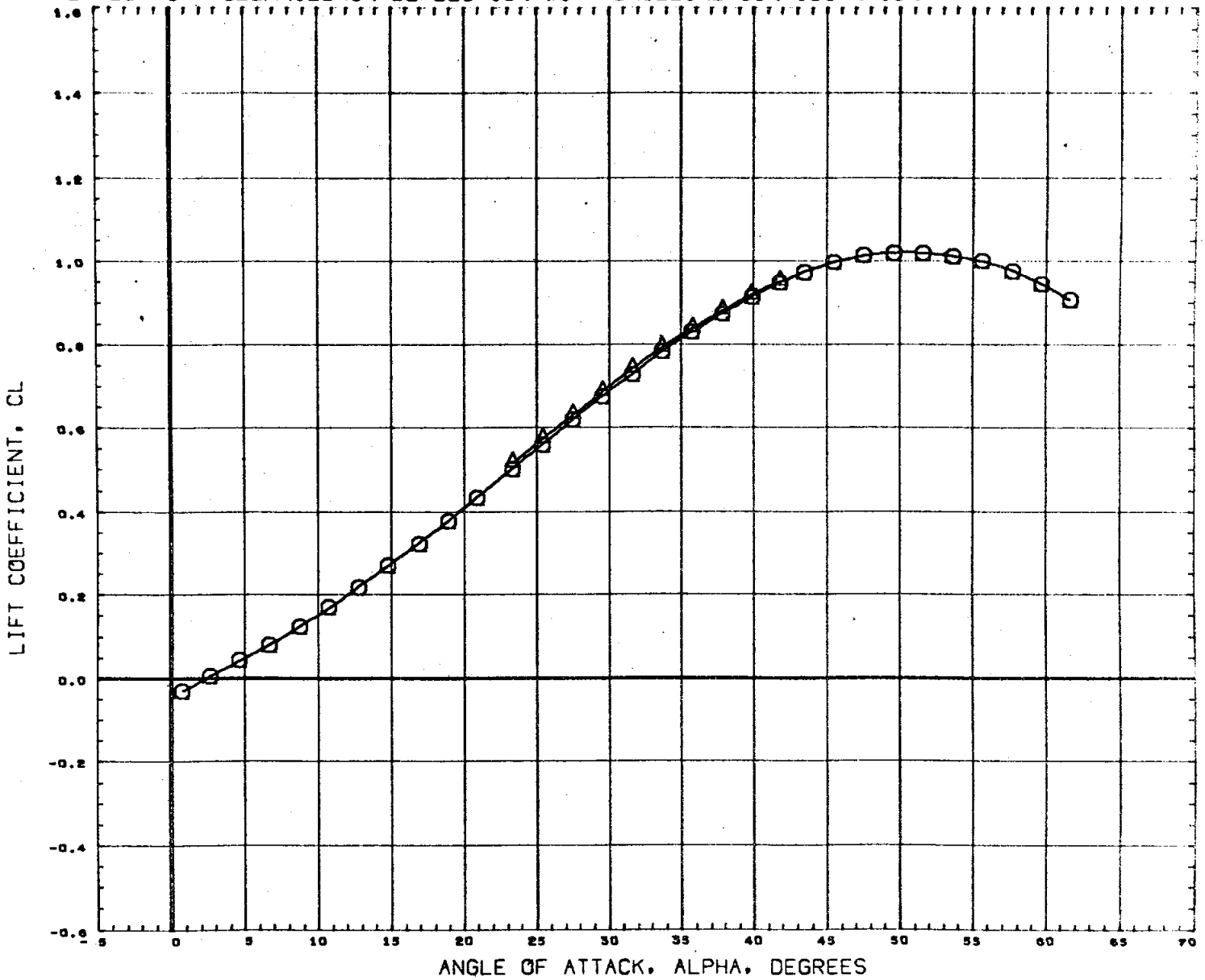
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76S19)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



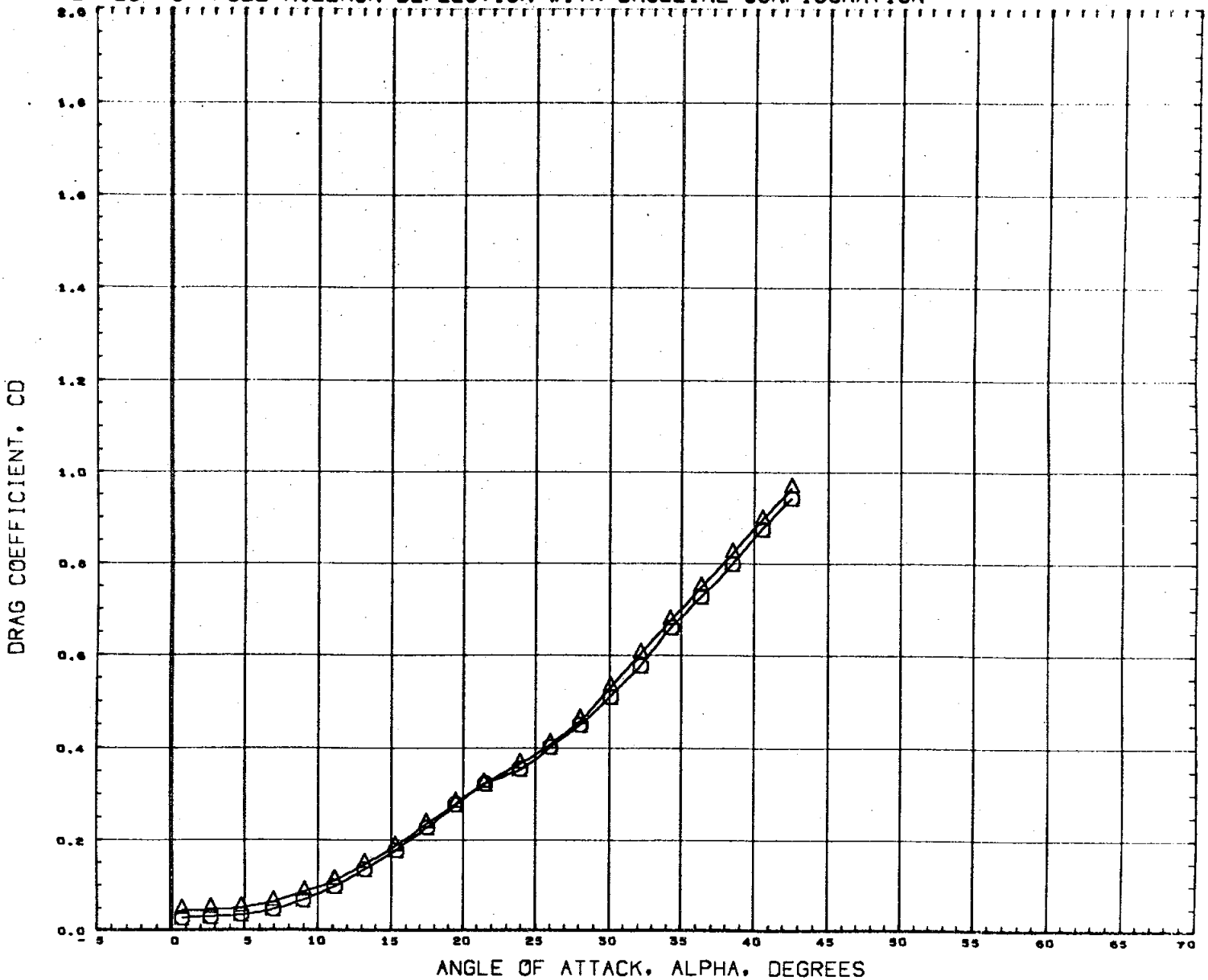
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

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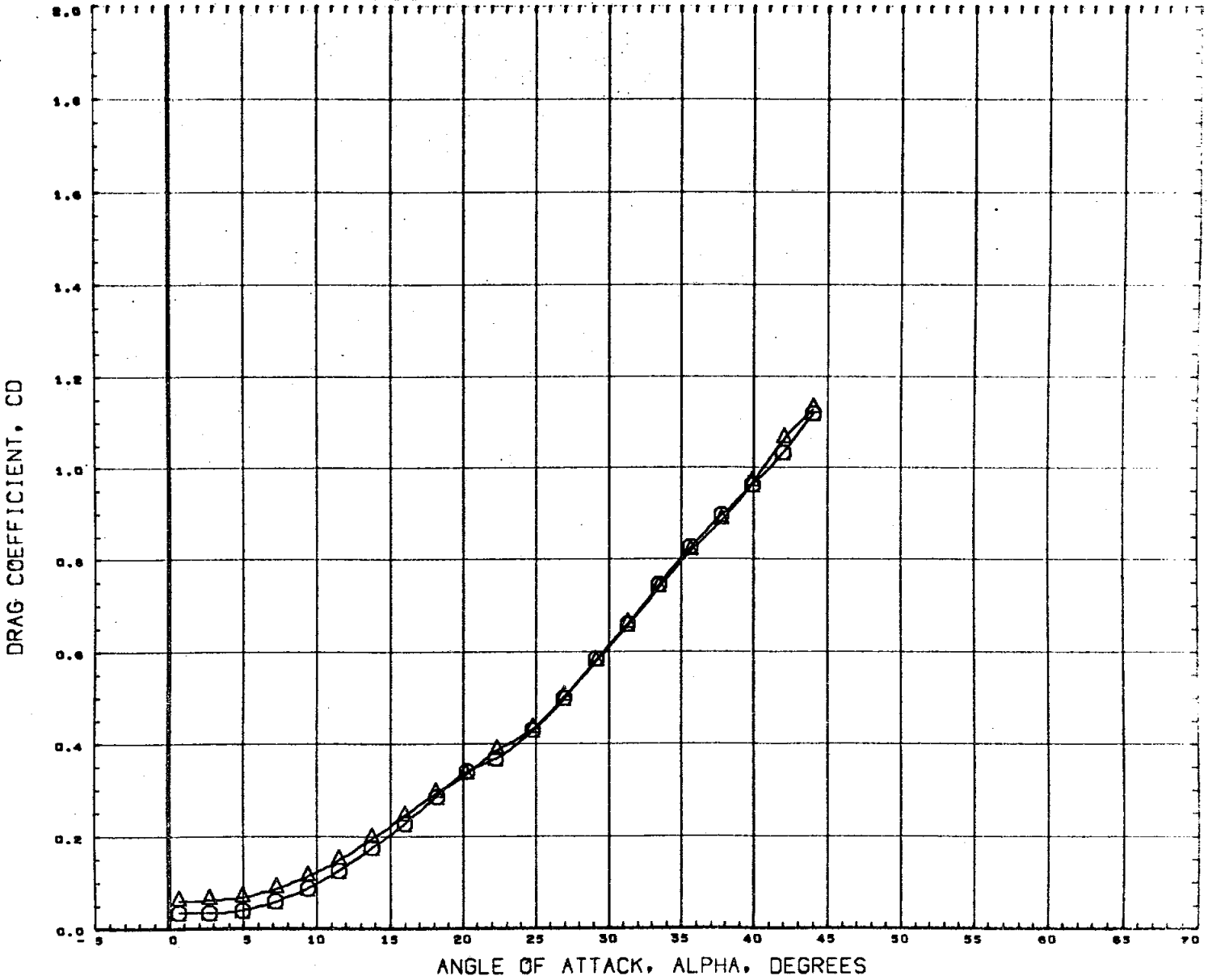
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7631S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

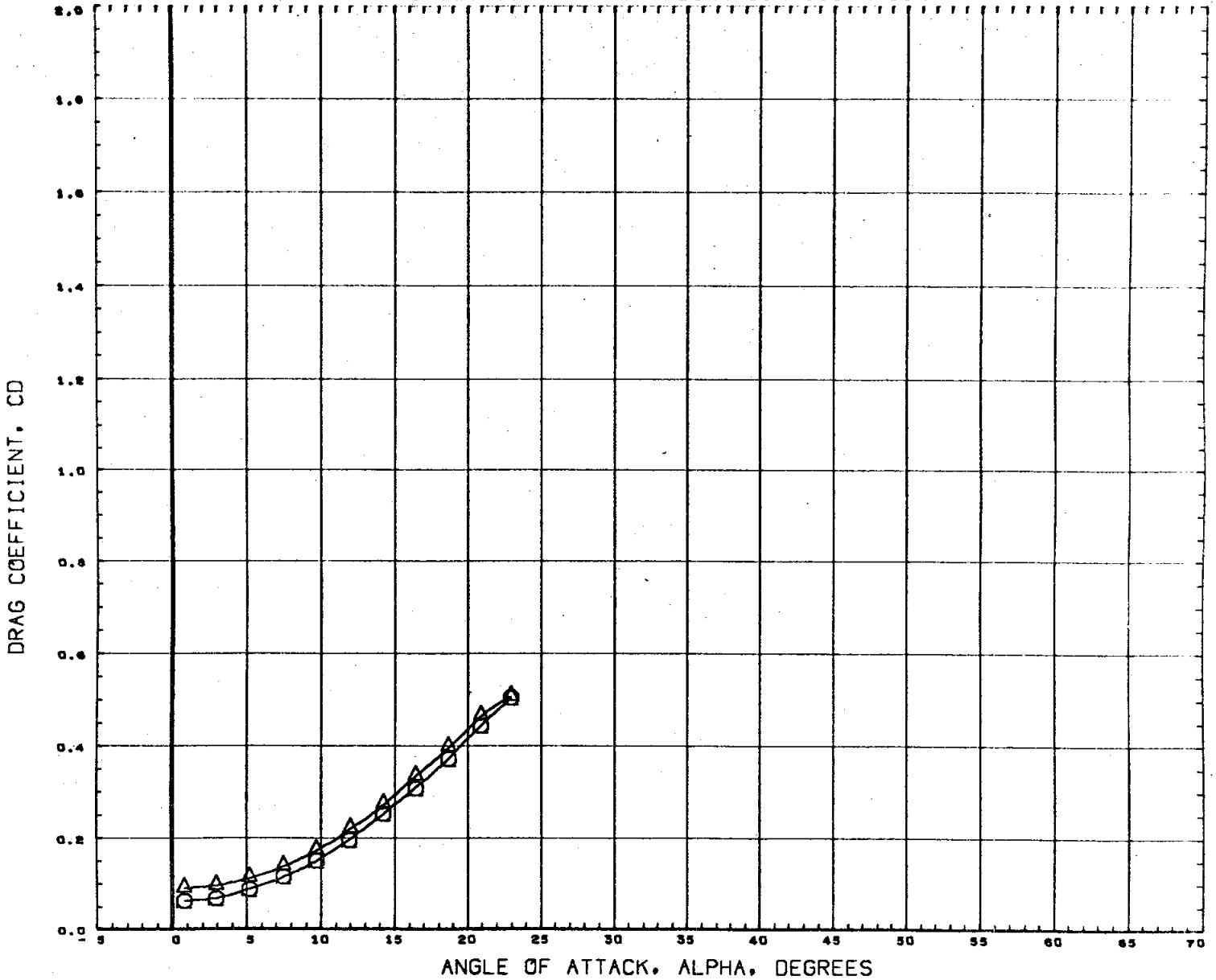
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 sq. IN. LREF 2.1020 IN. SREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	

MACH .90

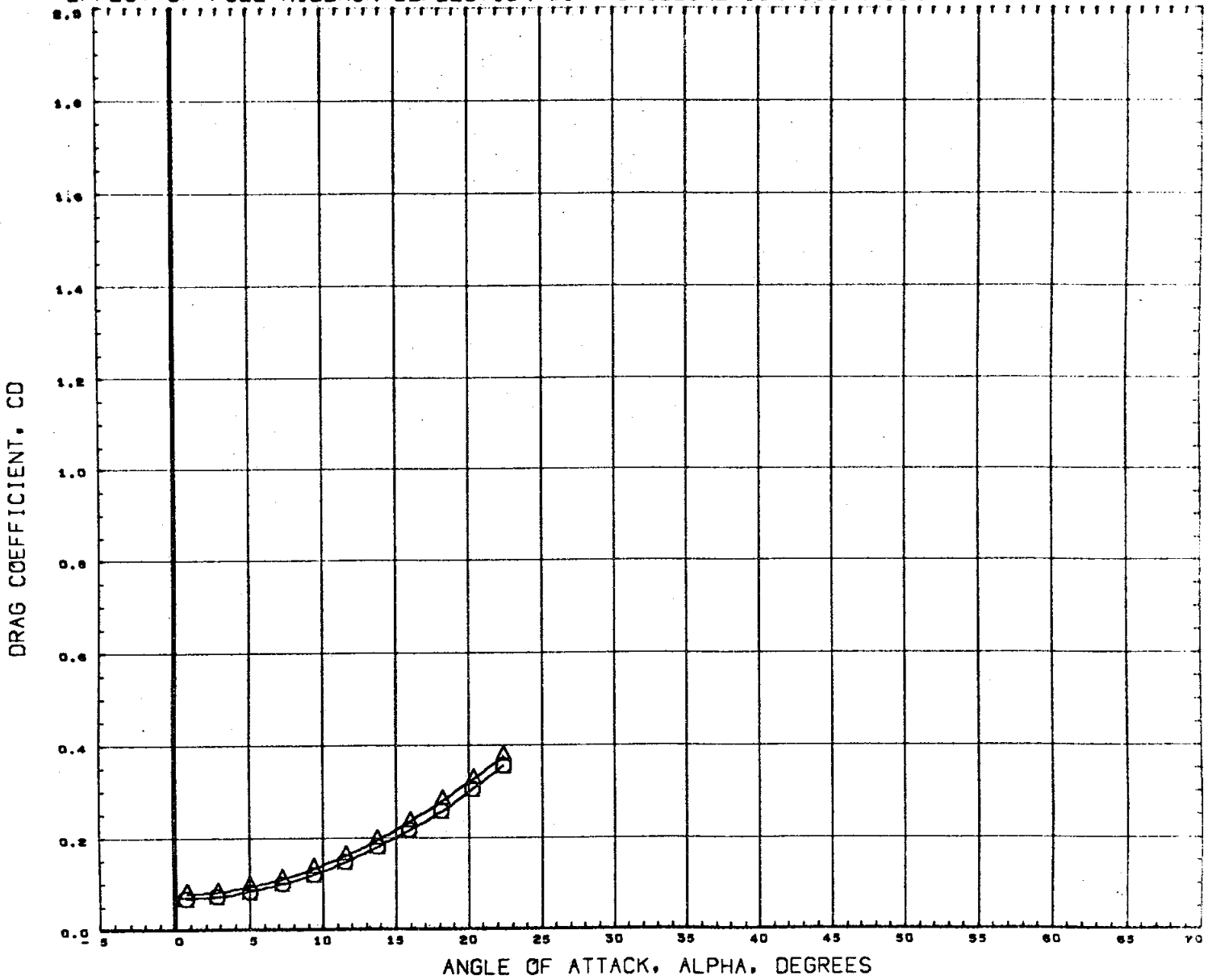
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

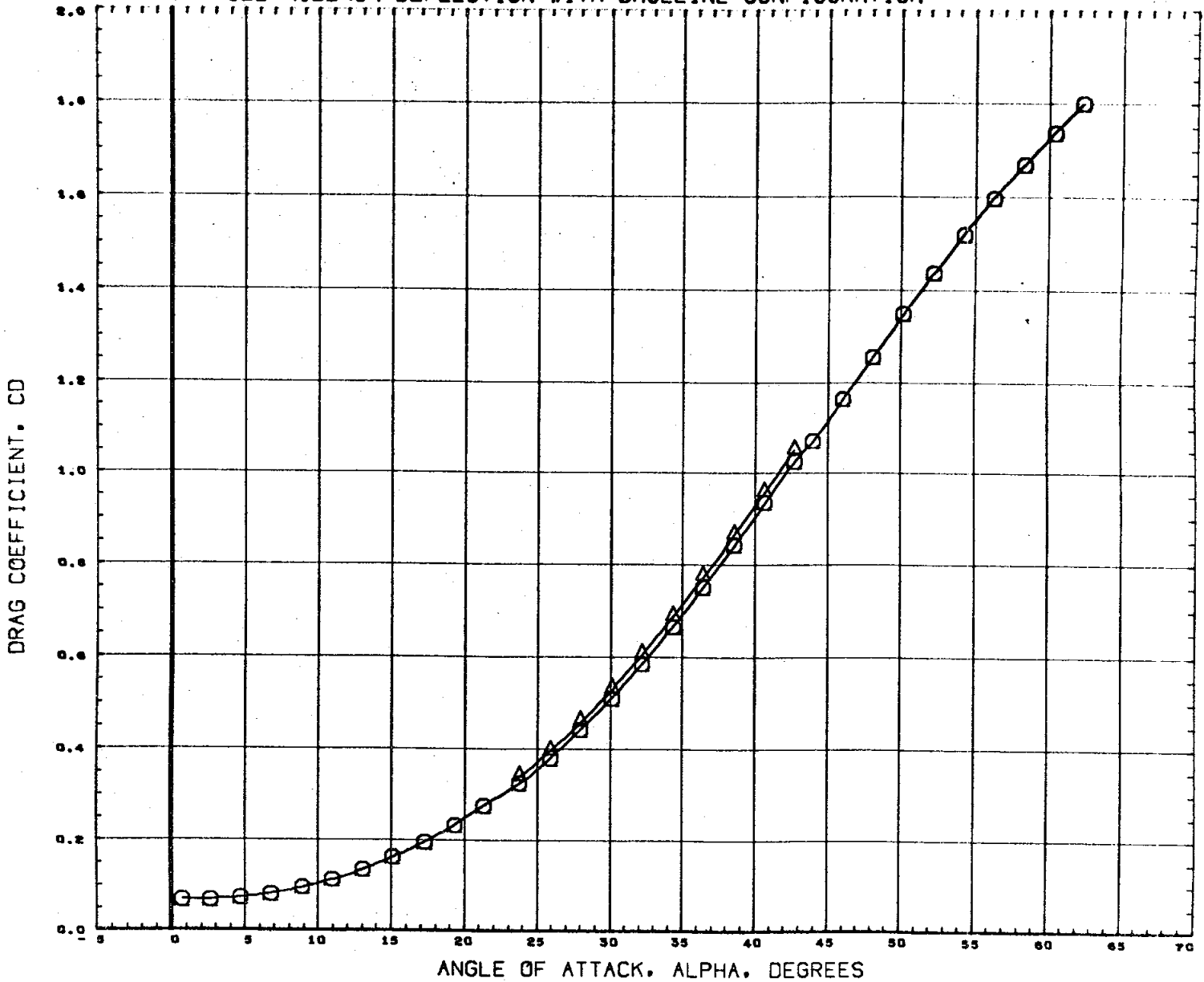


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4196 SQ. IN.
(C76519)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1026 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH

1.97

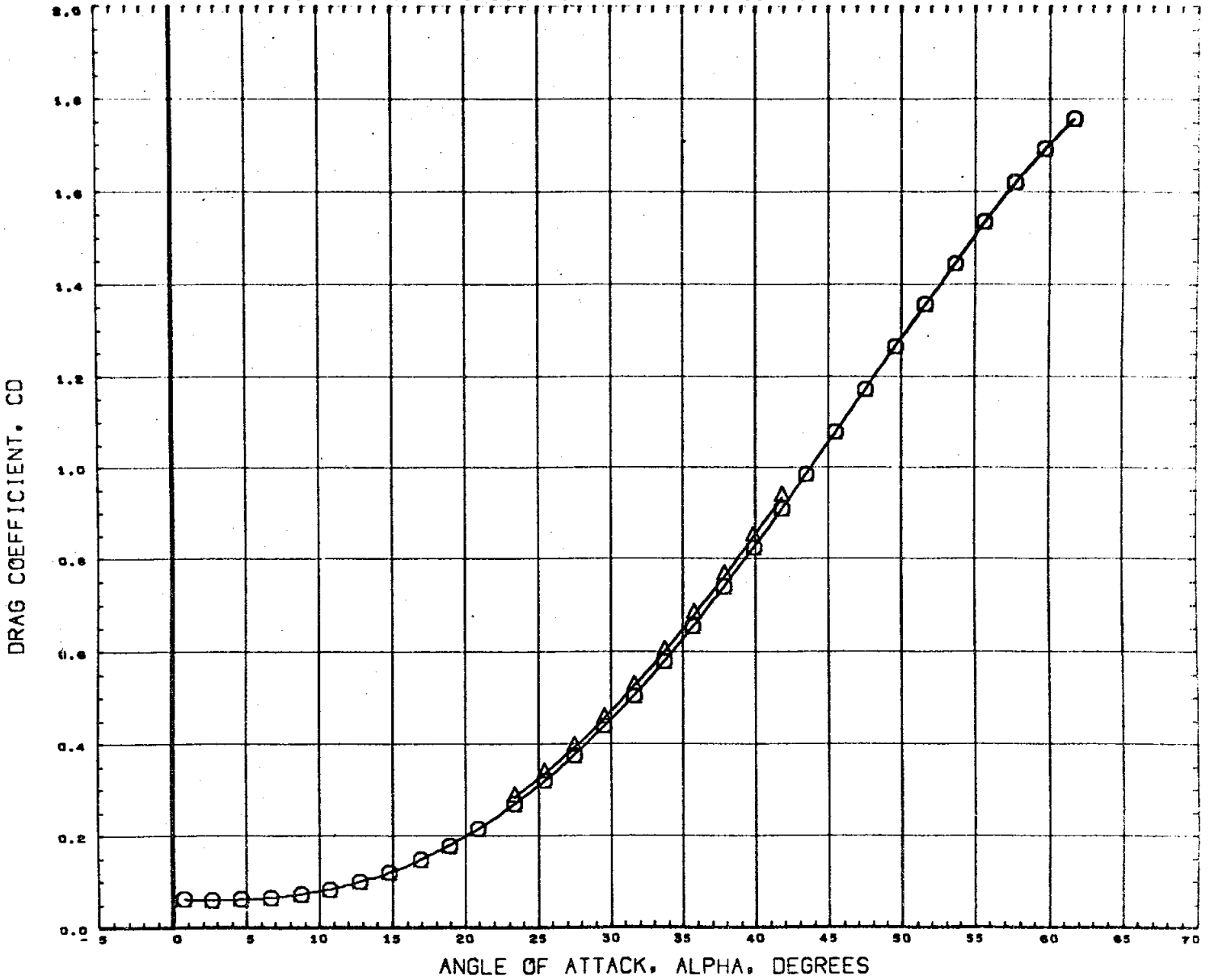
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4550 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

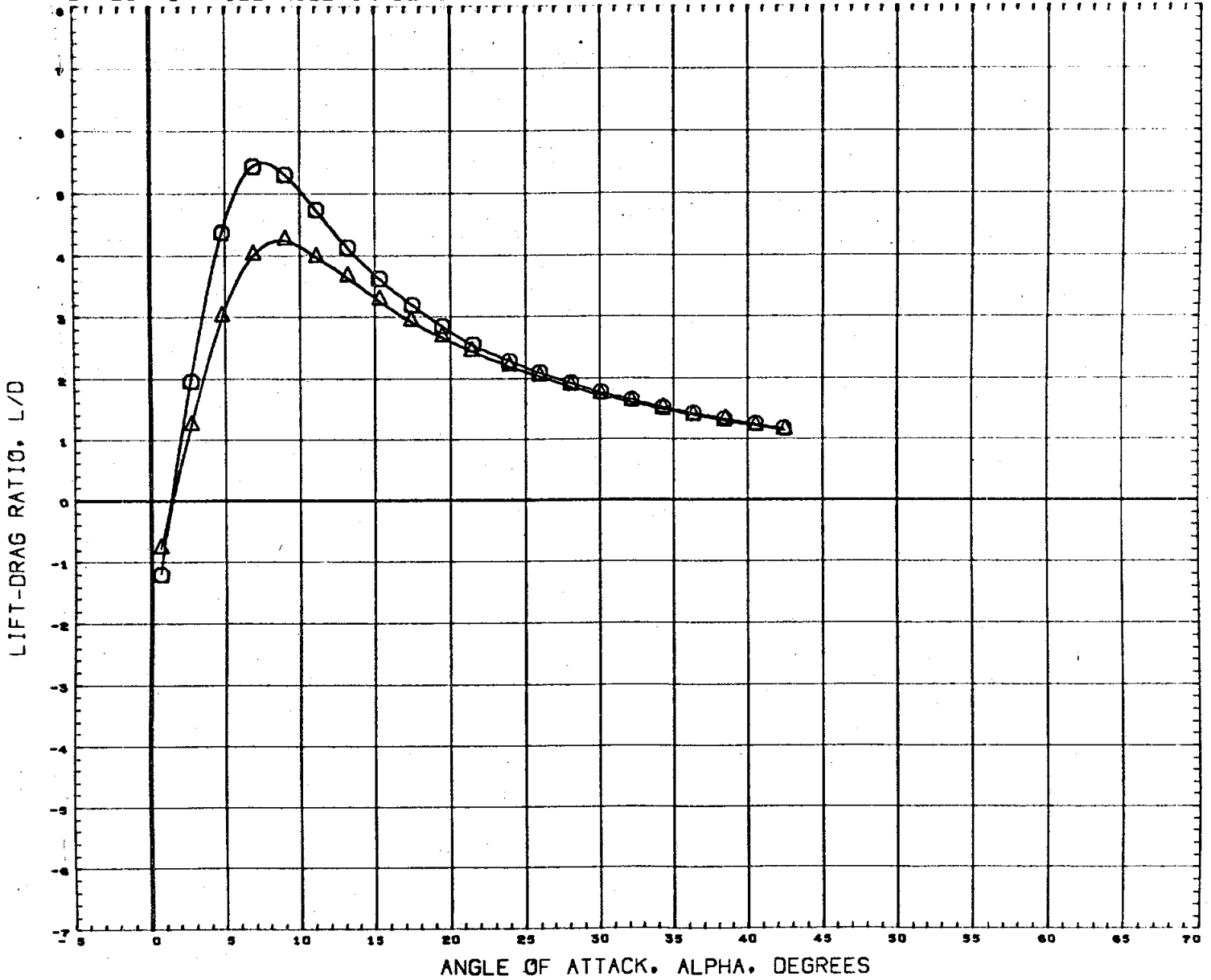


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						YMRP 3.4530 IN.
						ZMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

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# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

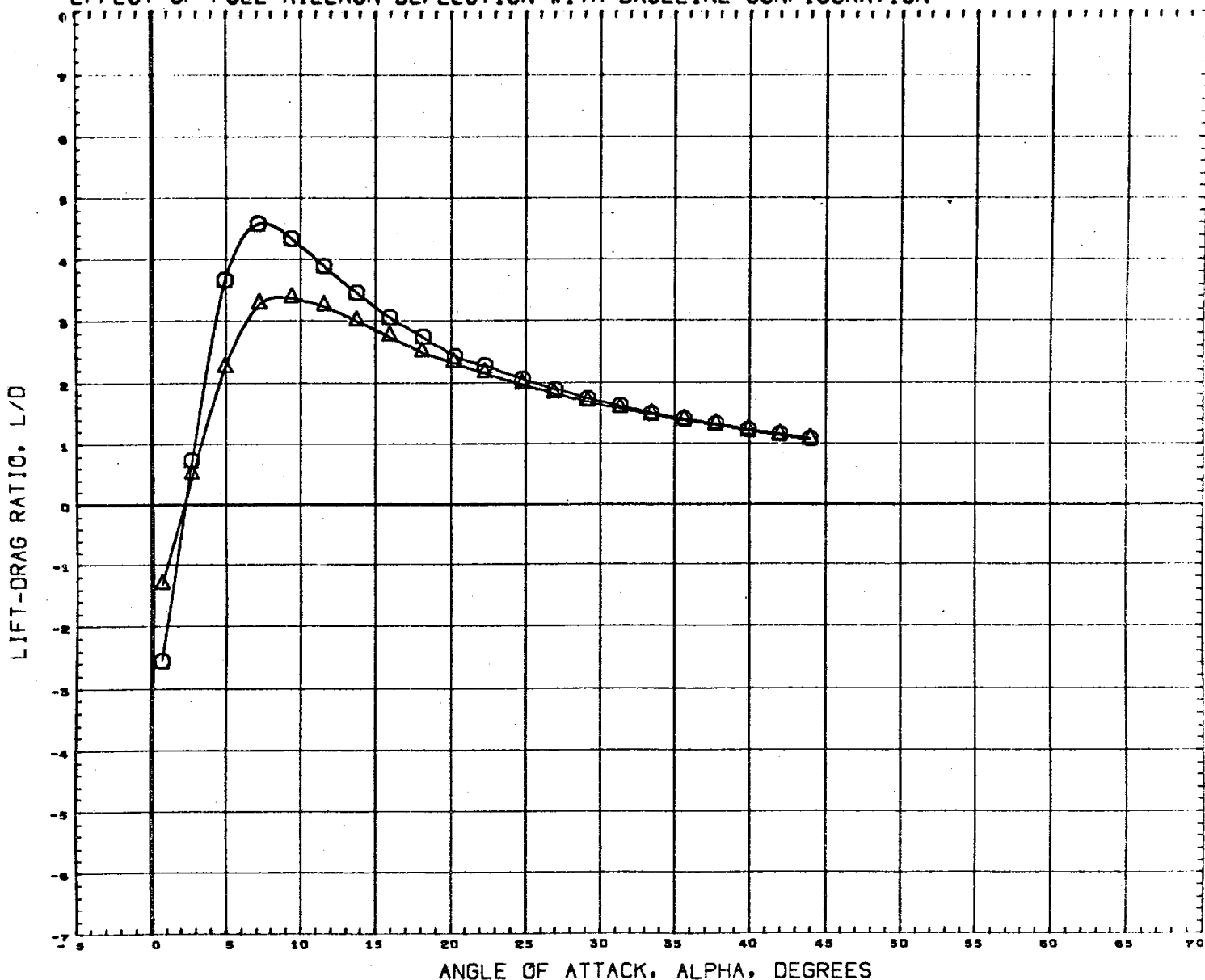


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XHRP 3.4530 IN.
						YHRP 0.0000 IN.
						ZHRP 0.0000 IN.
						SCALE 0.0040

MACH .59

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# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

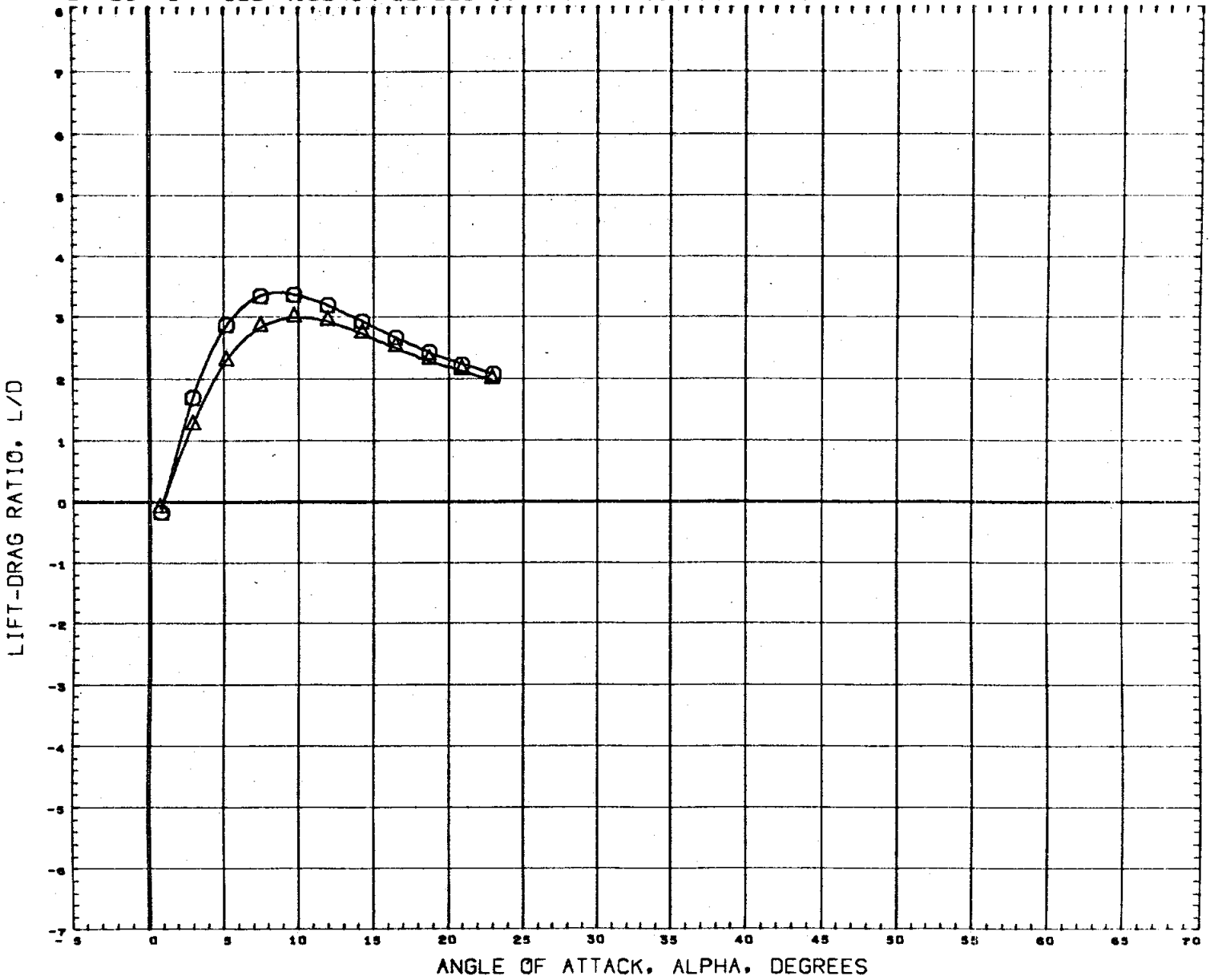


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



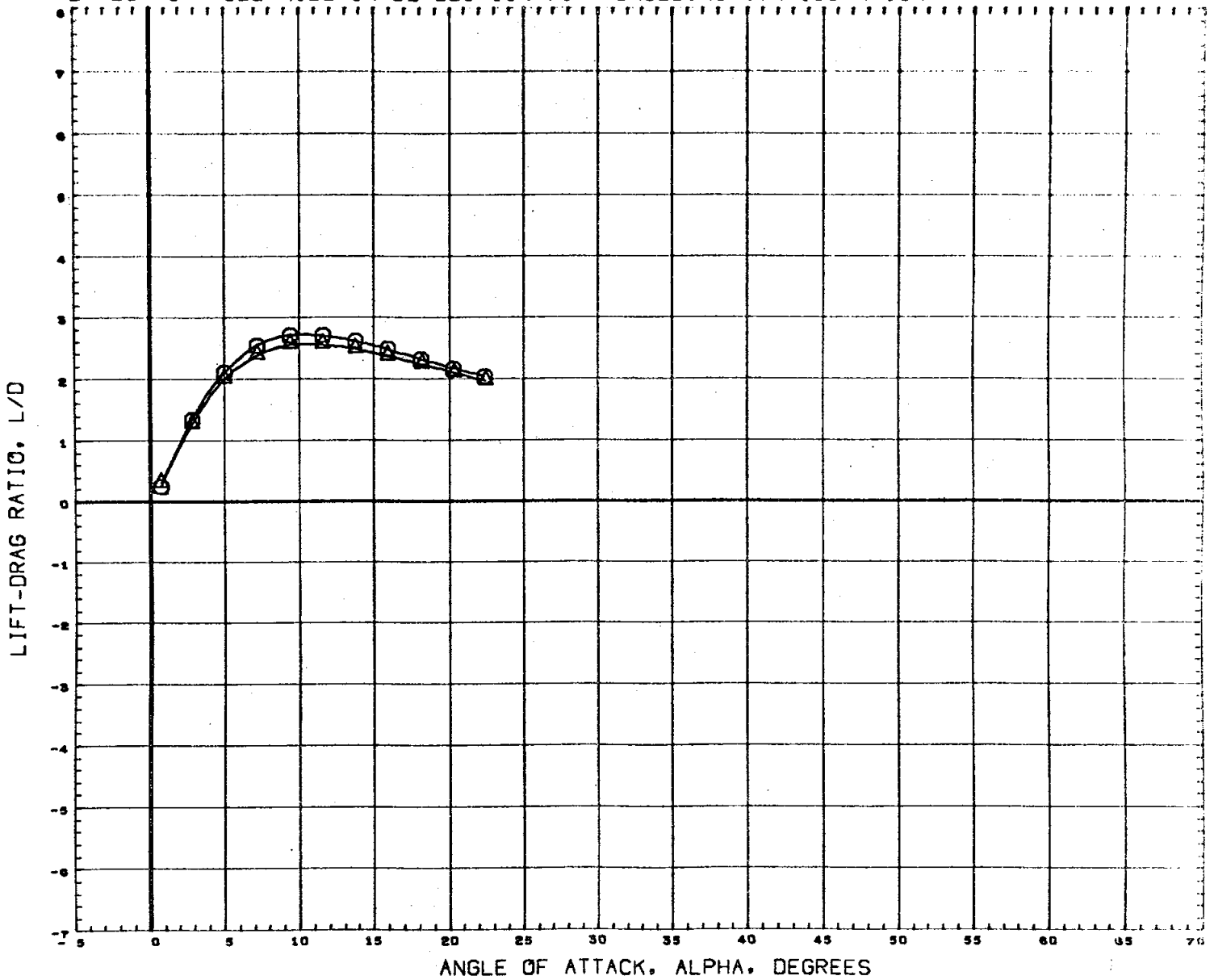
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

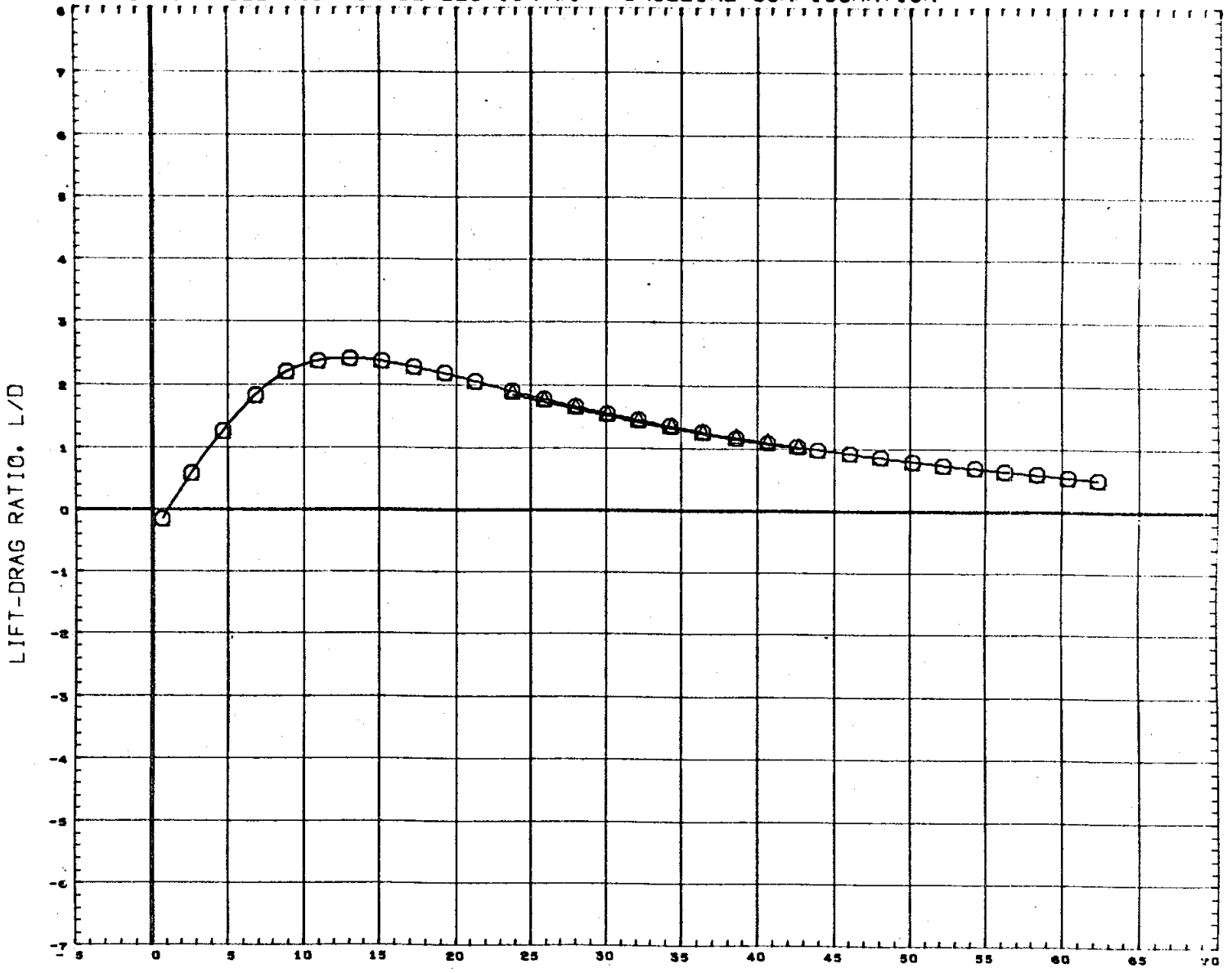
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

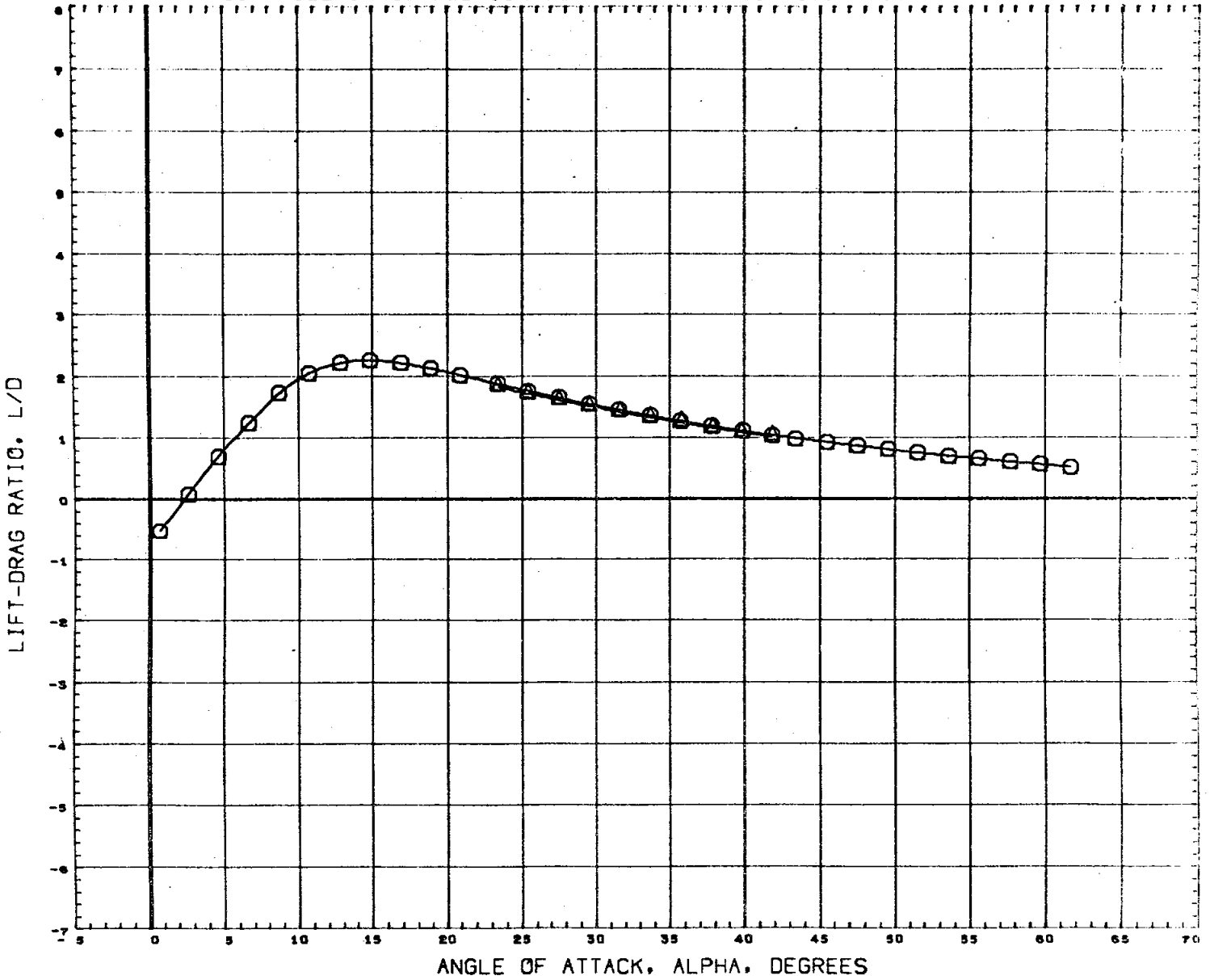
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

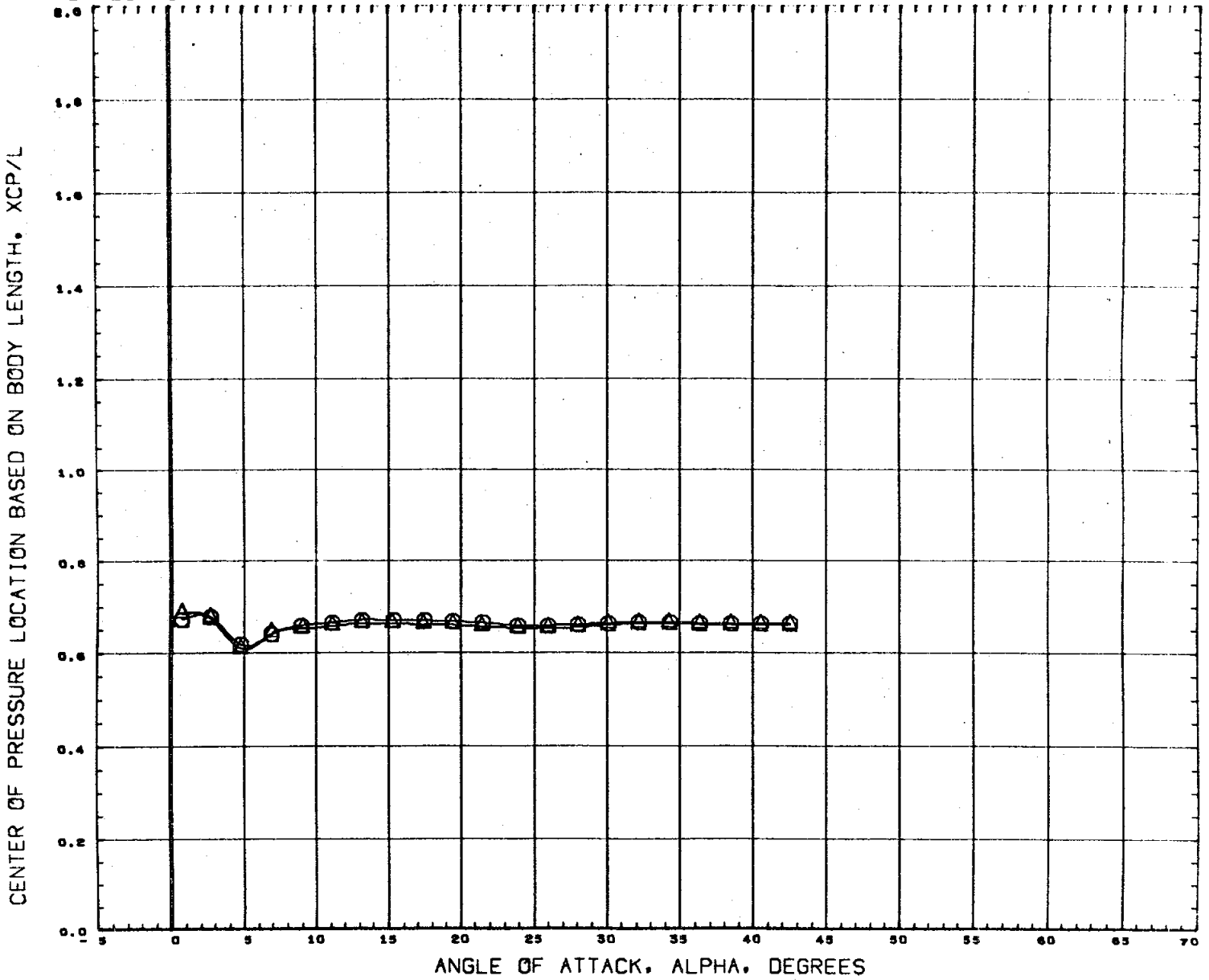
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 sq. in.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 in.
						BREF	4.0300 in.
						XMRP	3.4530 in.
						YMRP	0.0000 in.
						ZMRP	0.0000 in.
						SCALE	0.0040

MACH 4.96

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

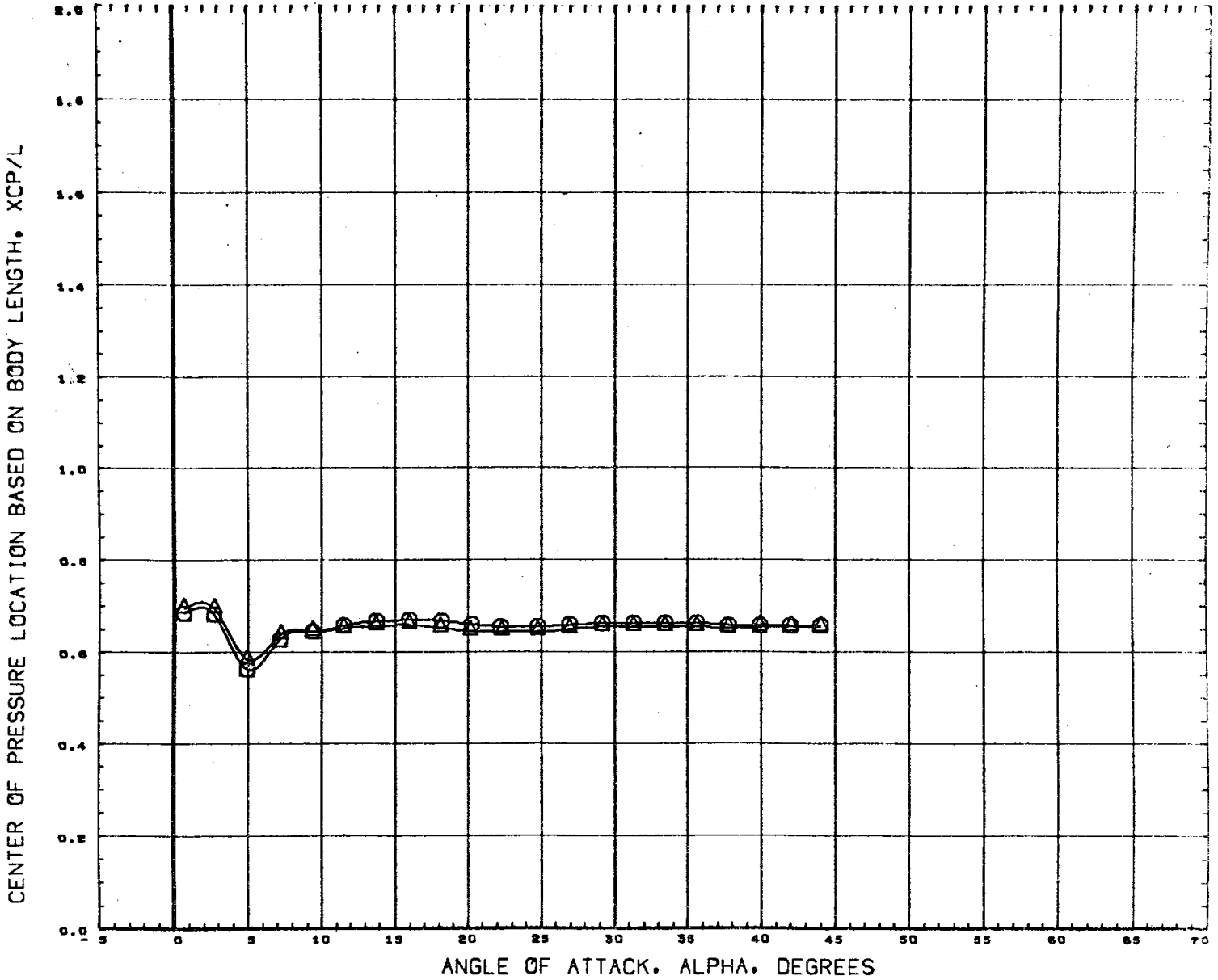


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRF	3.4530 IN.
						YMRF	0.0000 IN.
						ZMRF	0.0000 IN.
						SCALE	0.0040 IN.

MACH .59

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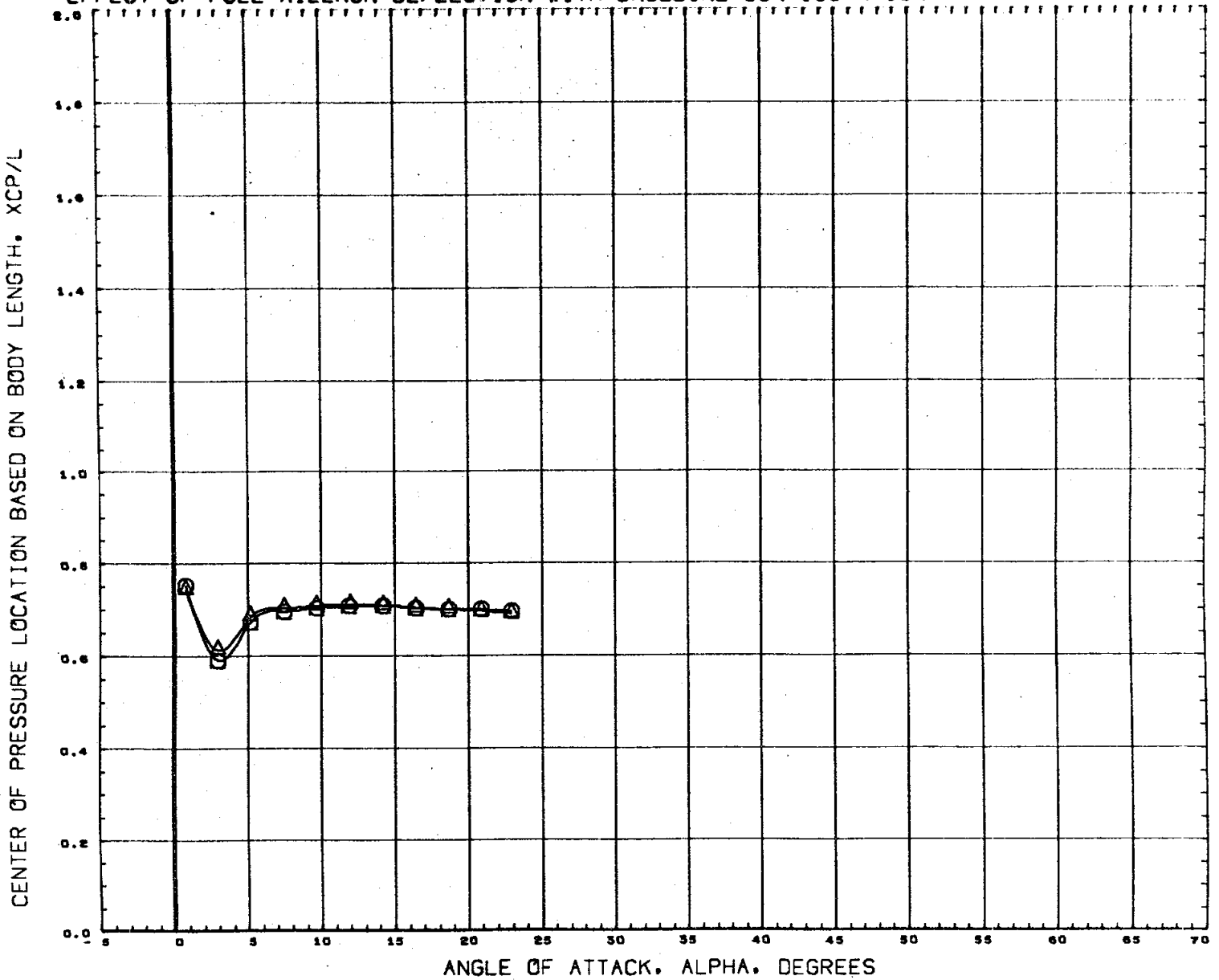
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

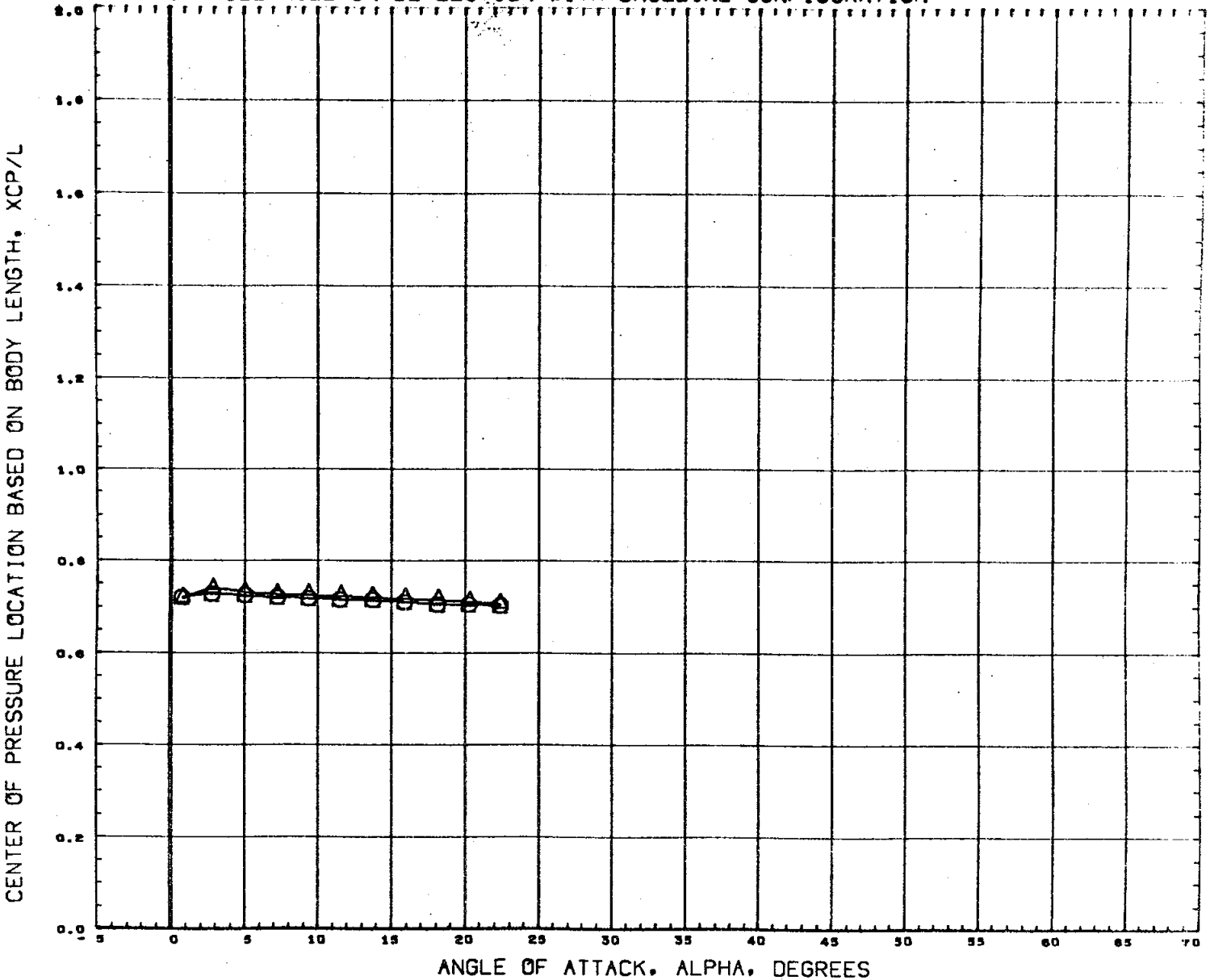
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76505)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4550 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

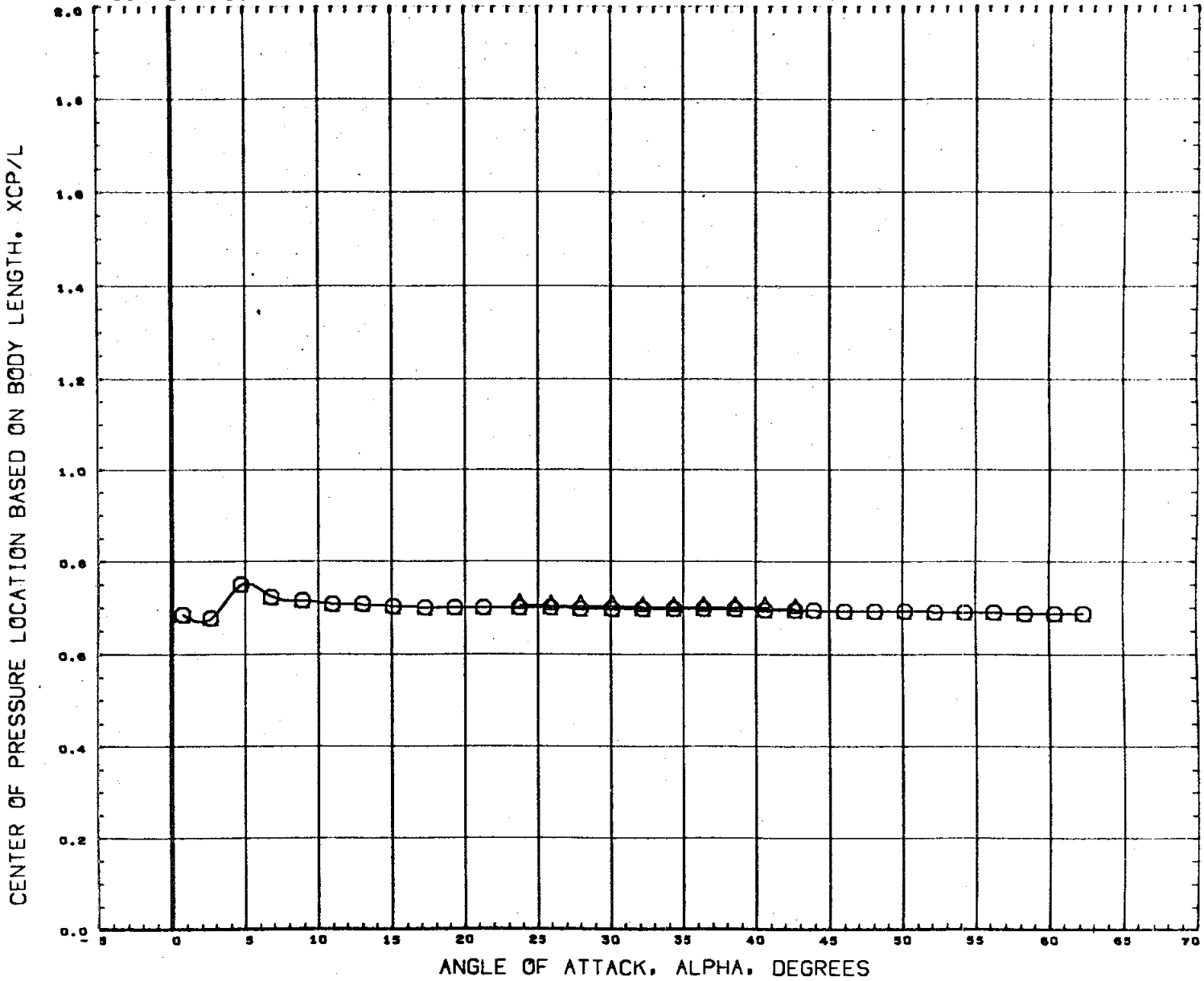


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 1.97



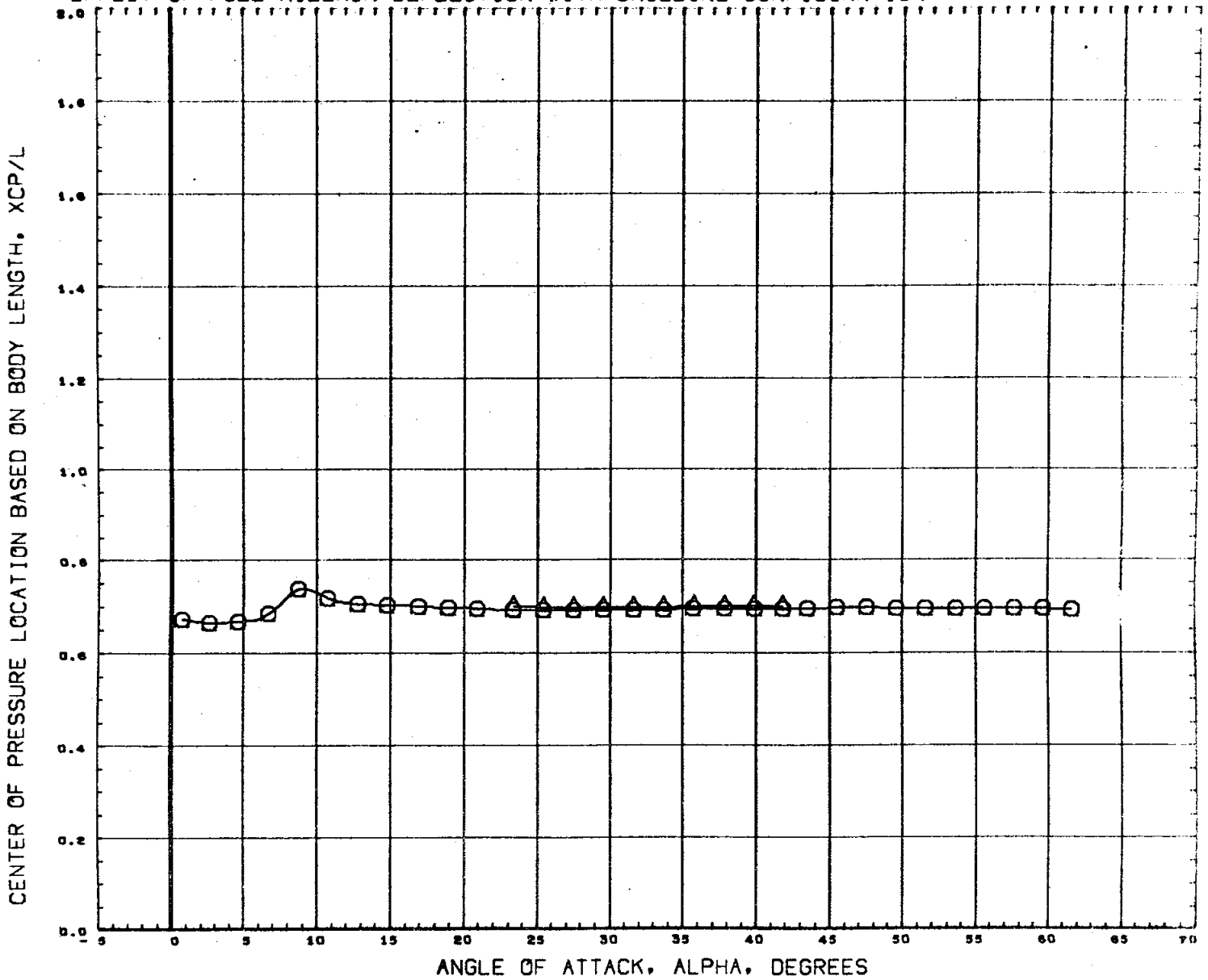
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
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MACH 2.99

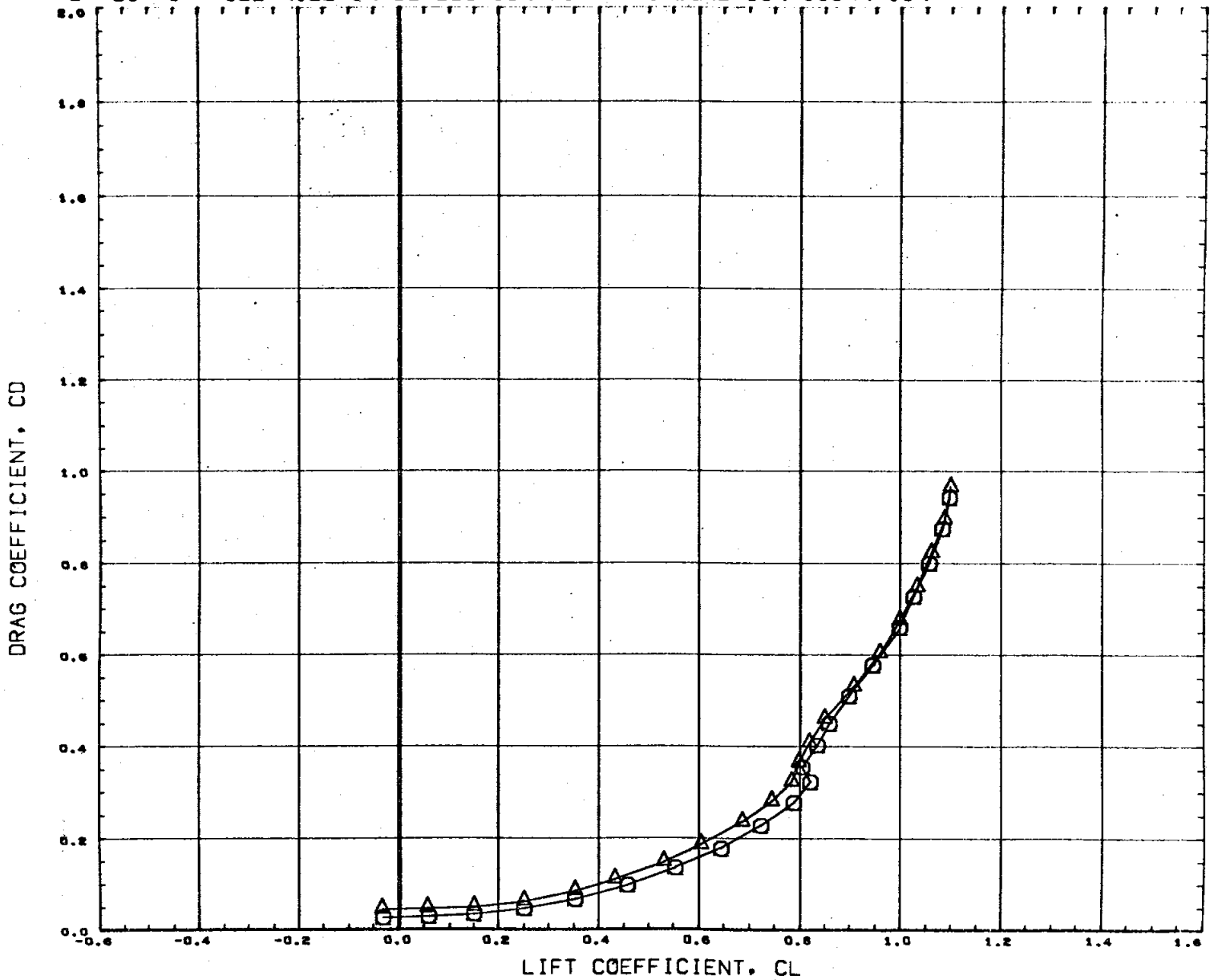
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

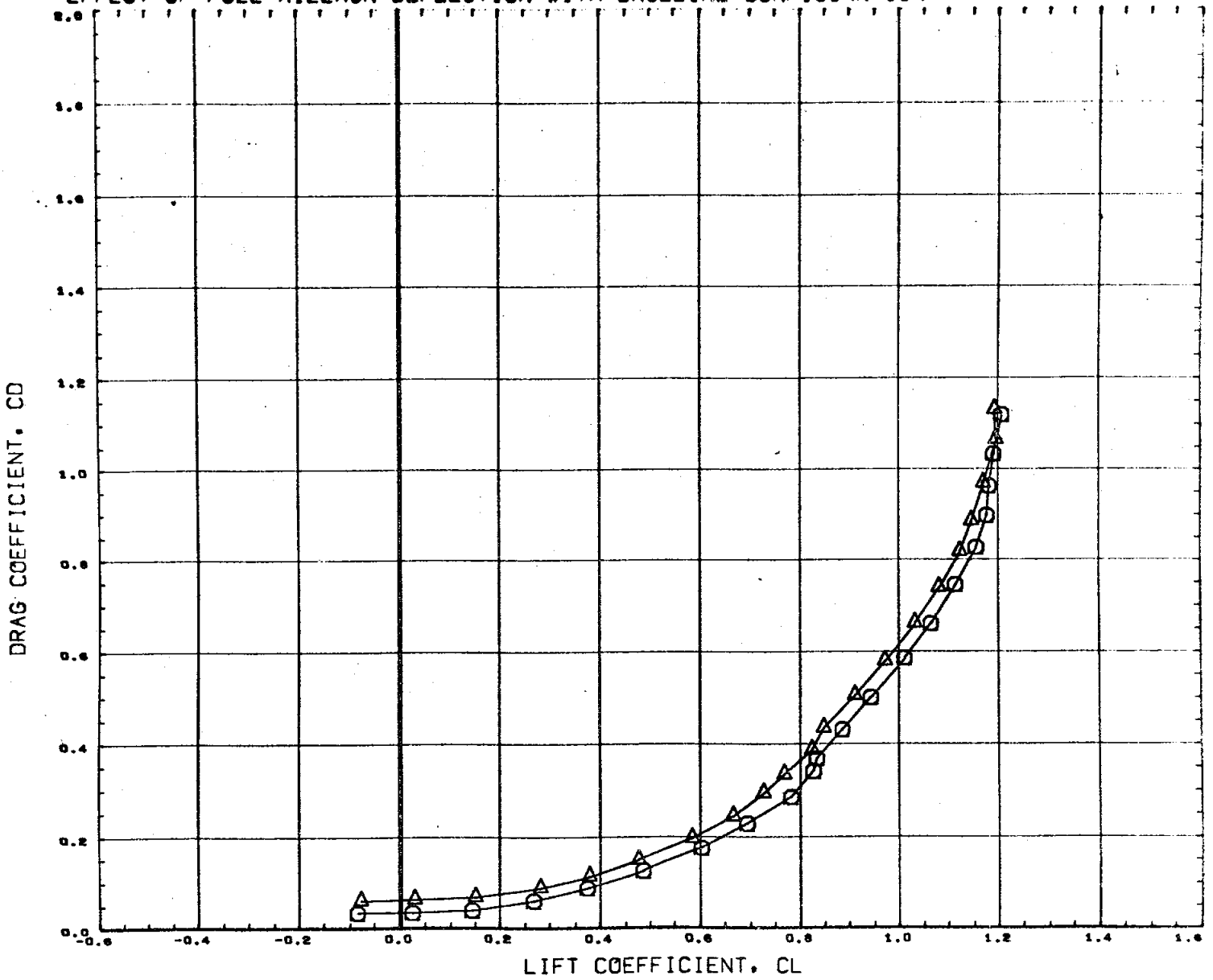
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

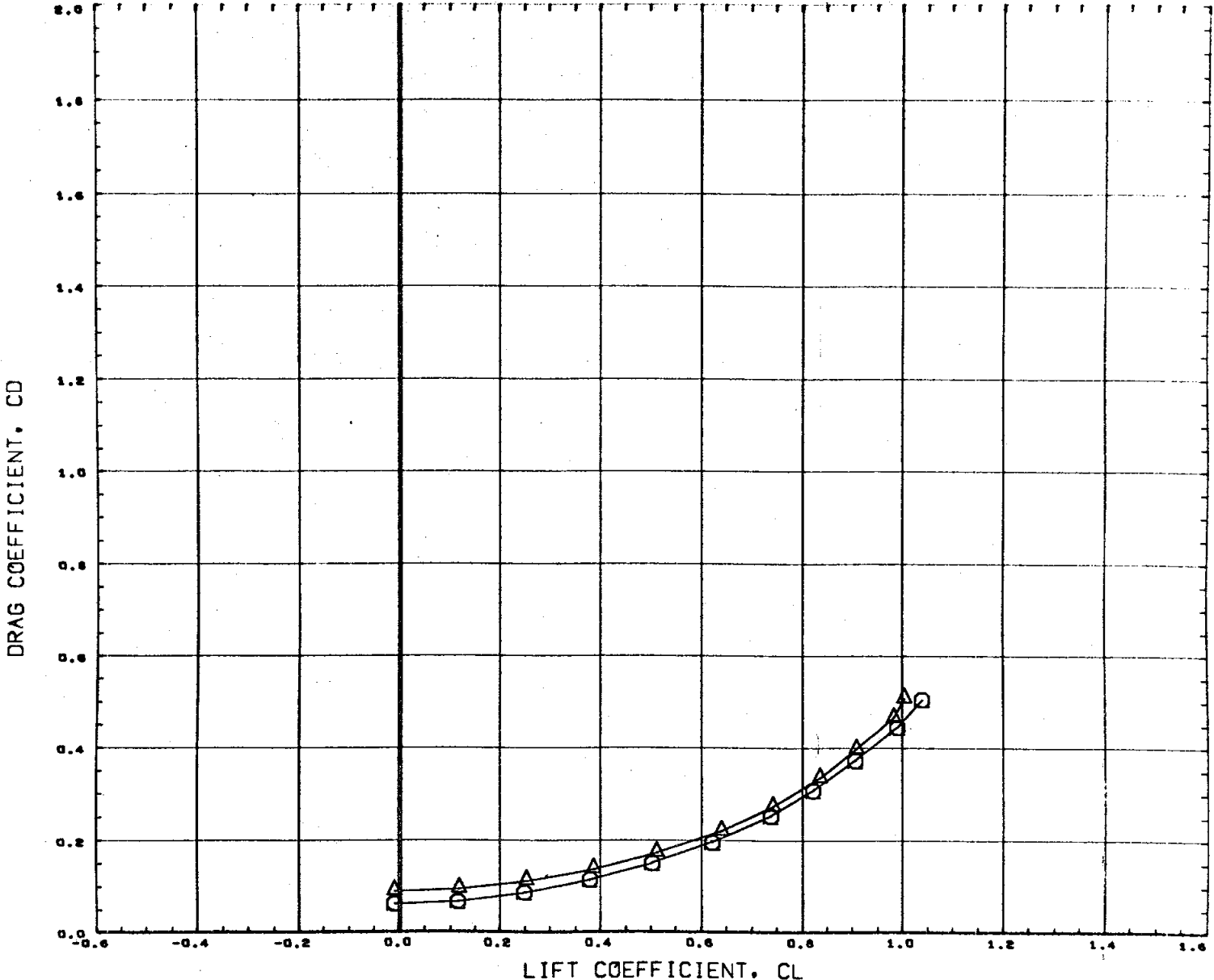
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0500 IN.
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MACH .90

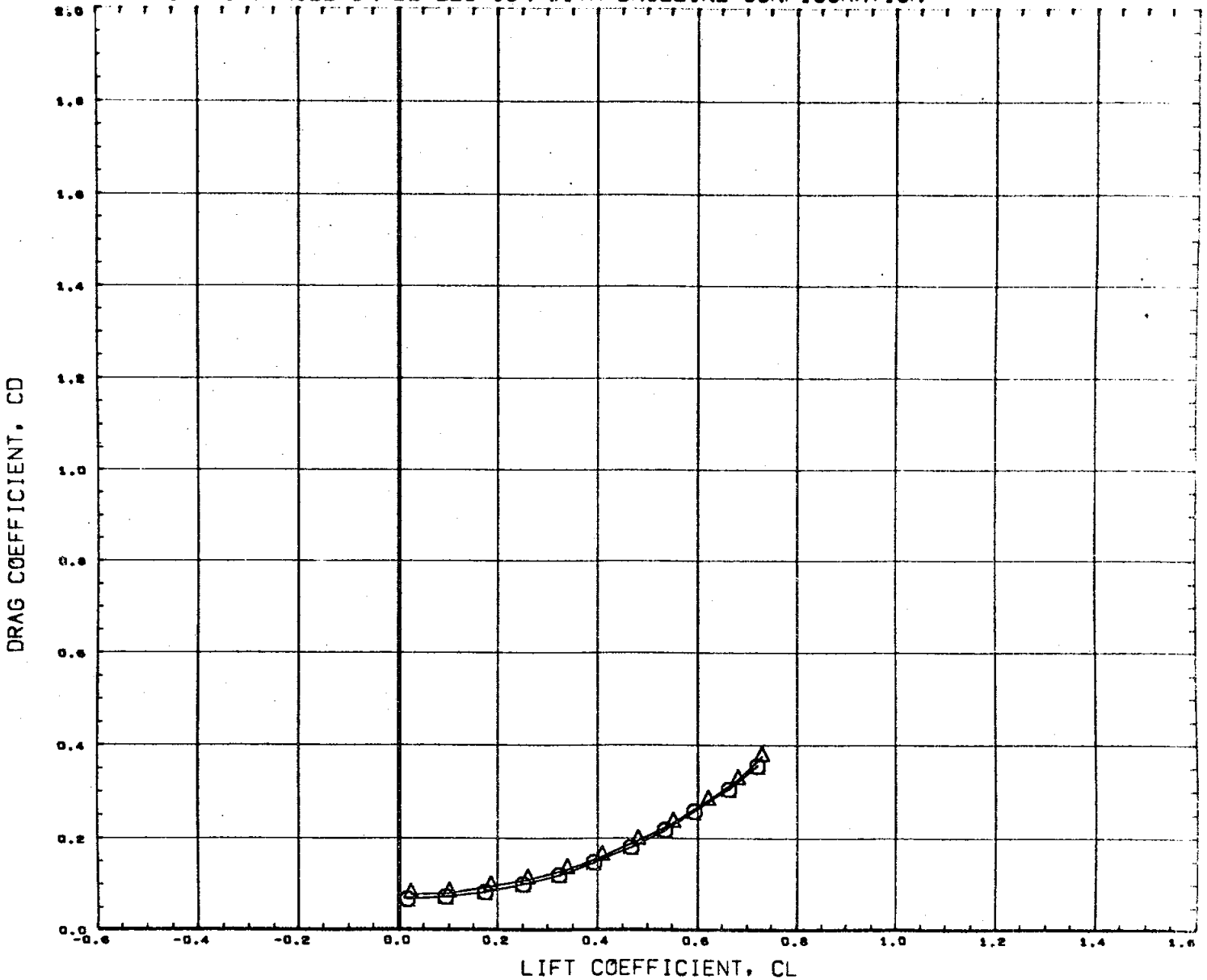
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76303)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN.
(C76319)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

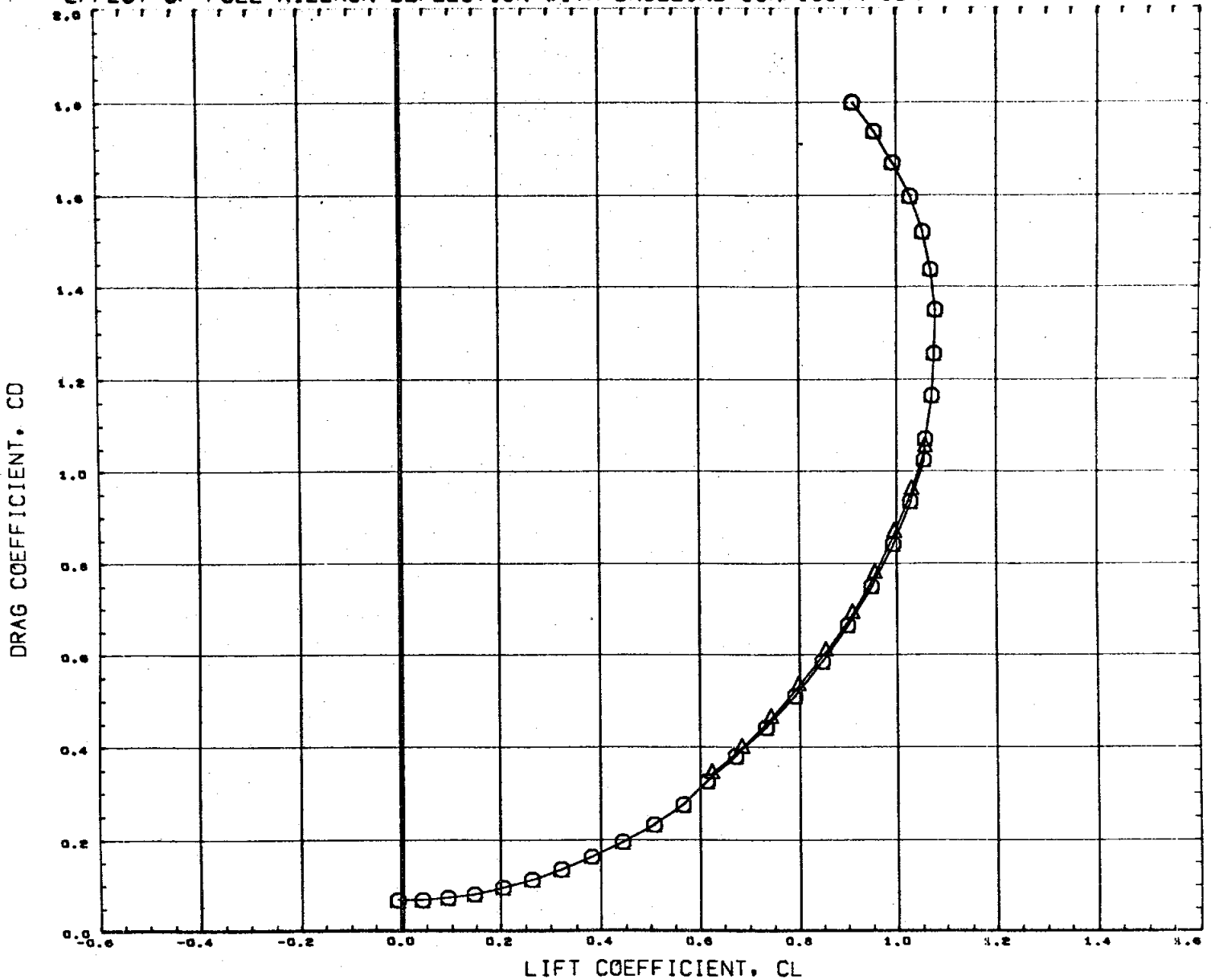
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

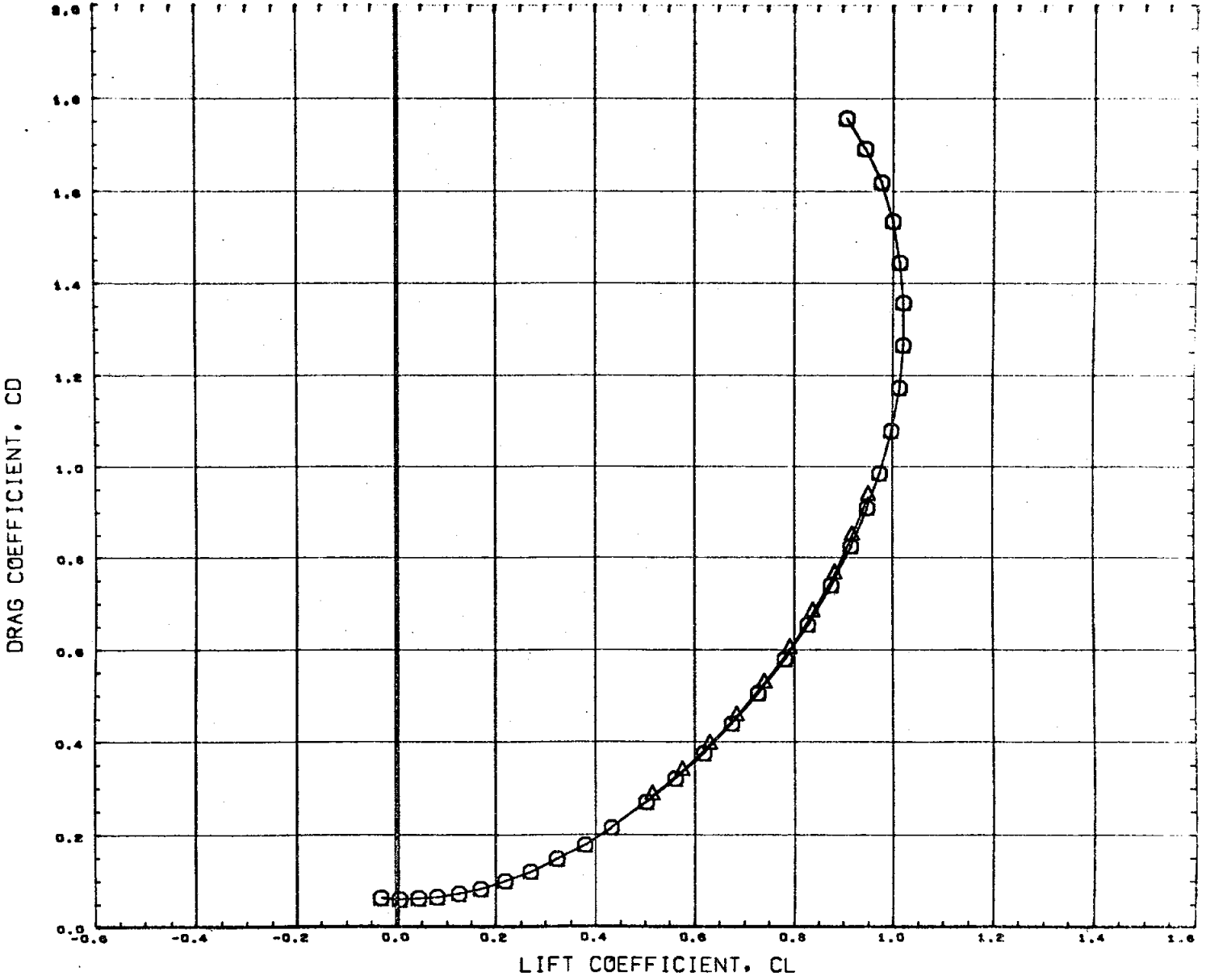


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

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# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



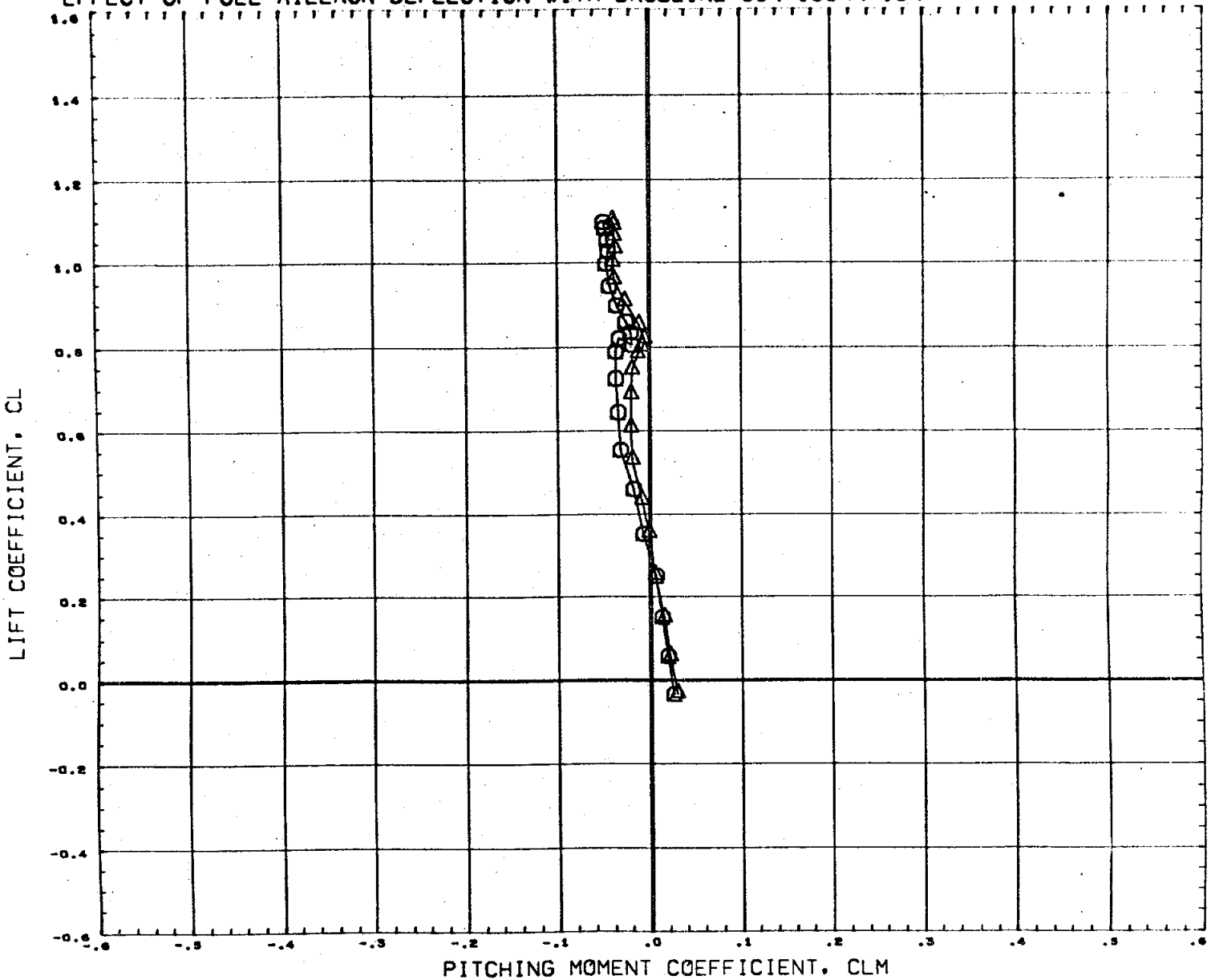
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

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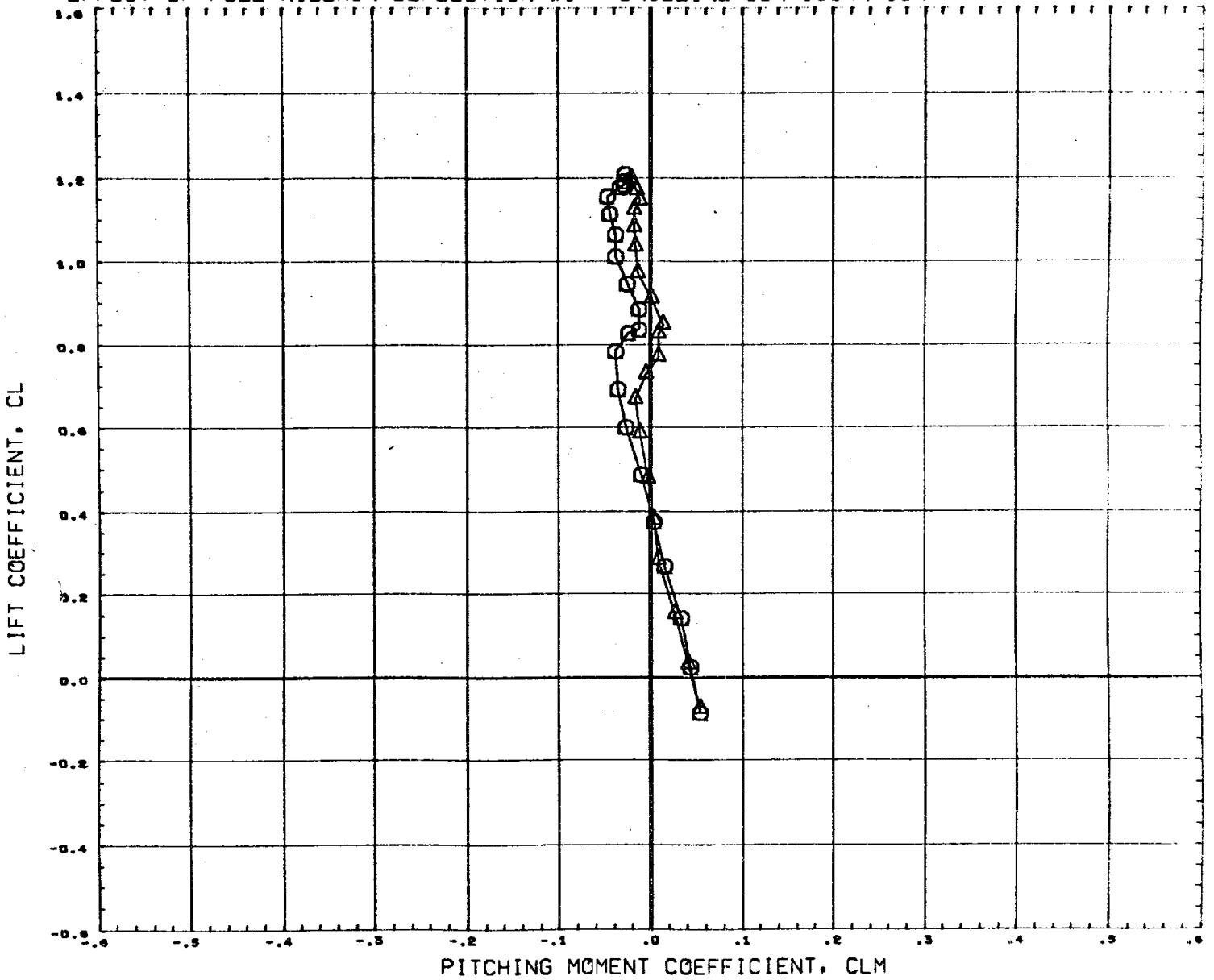
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

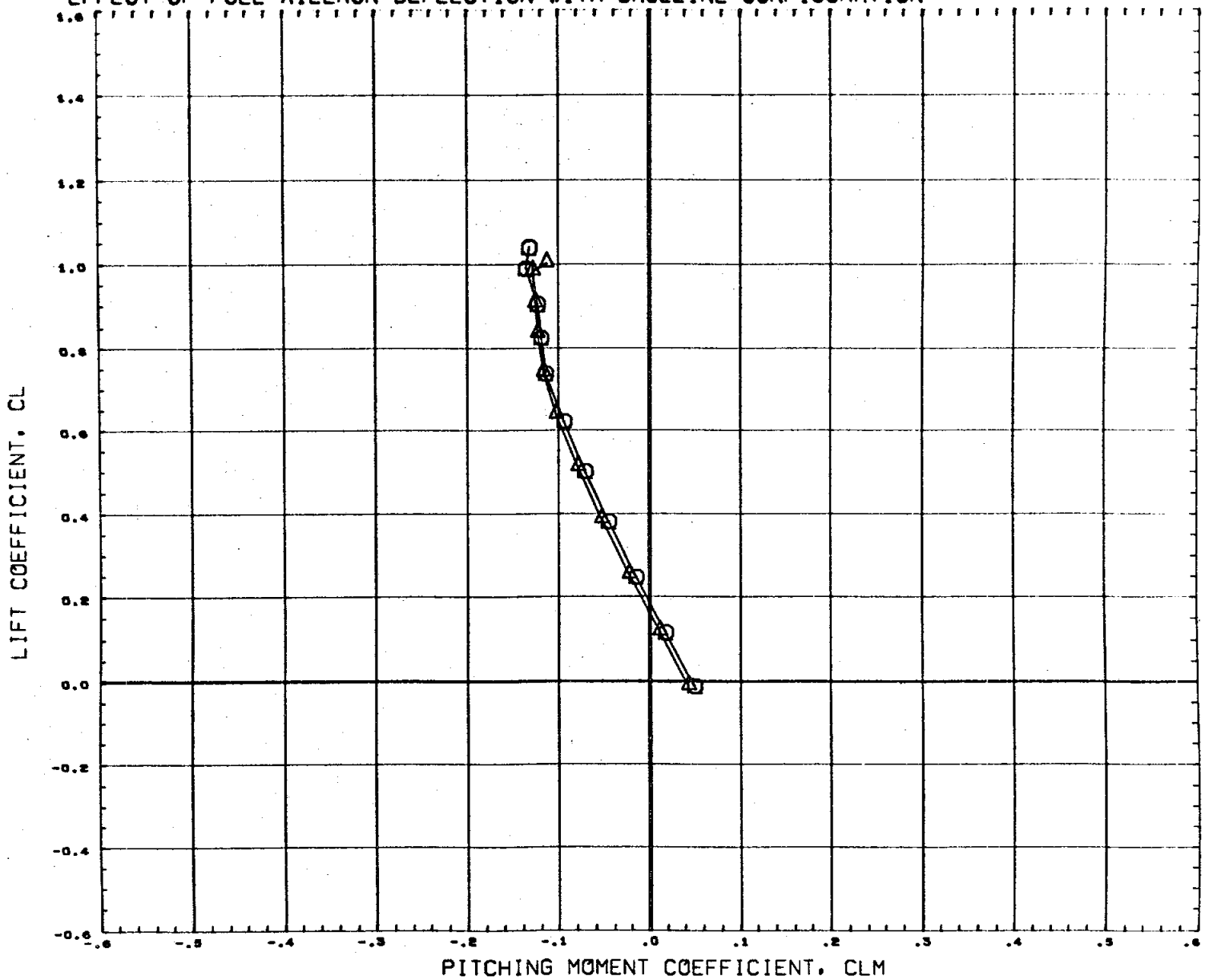
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C7630S)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S19)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

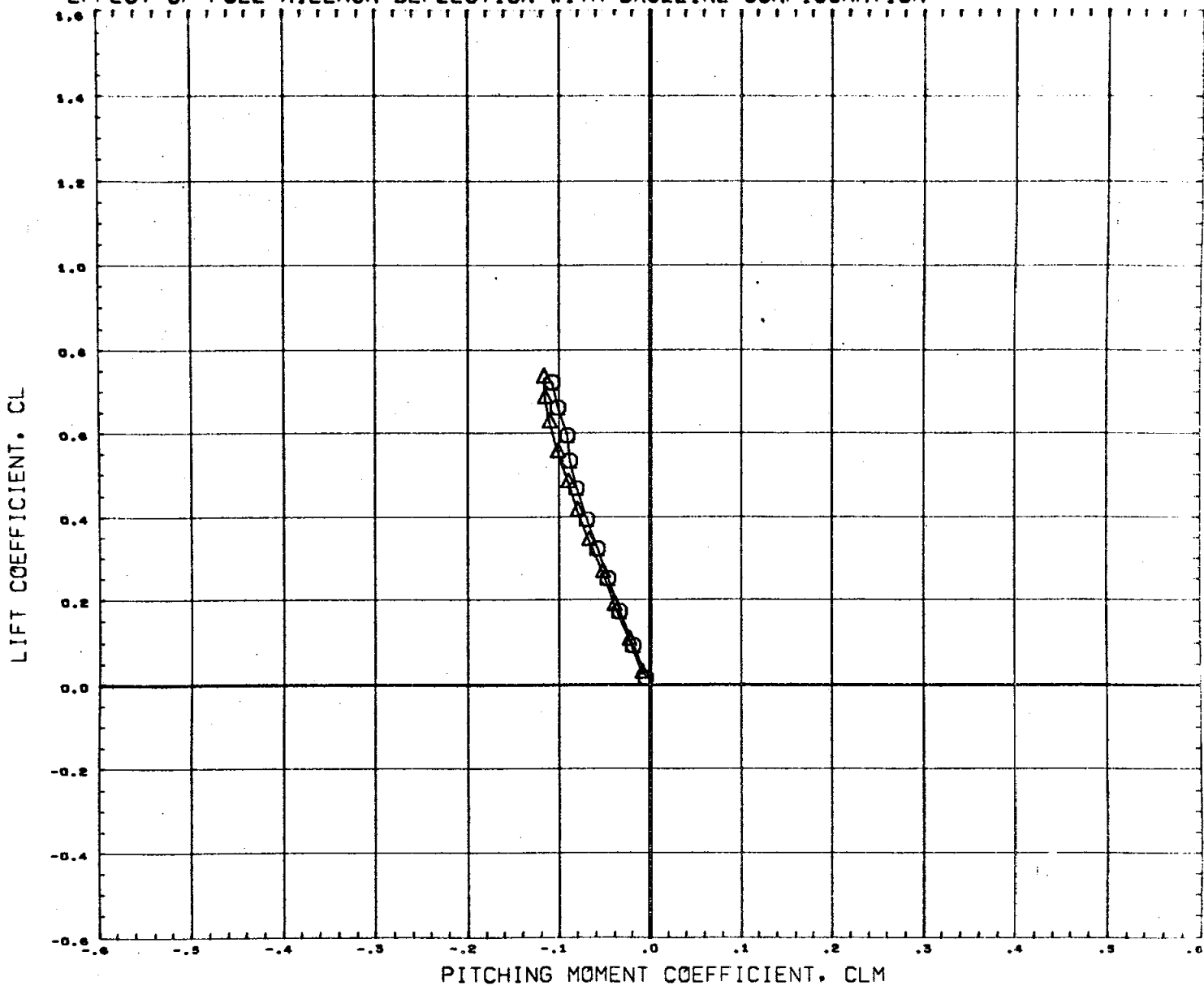


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

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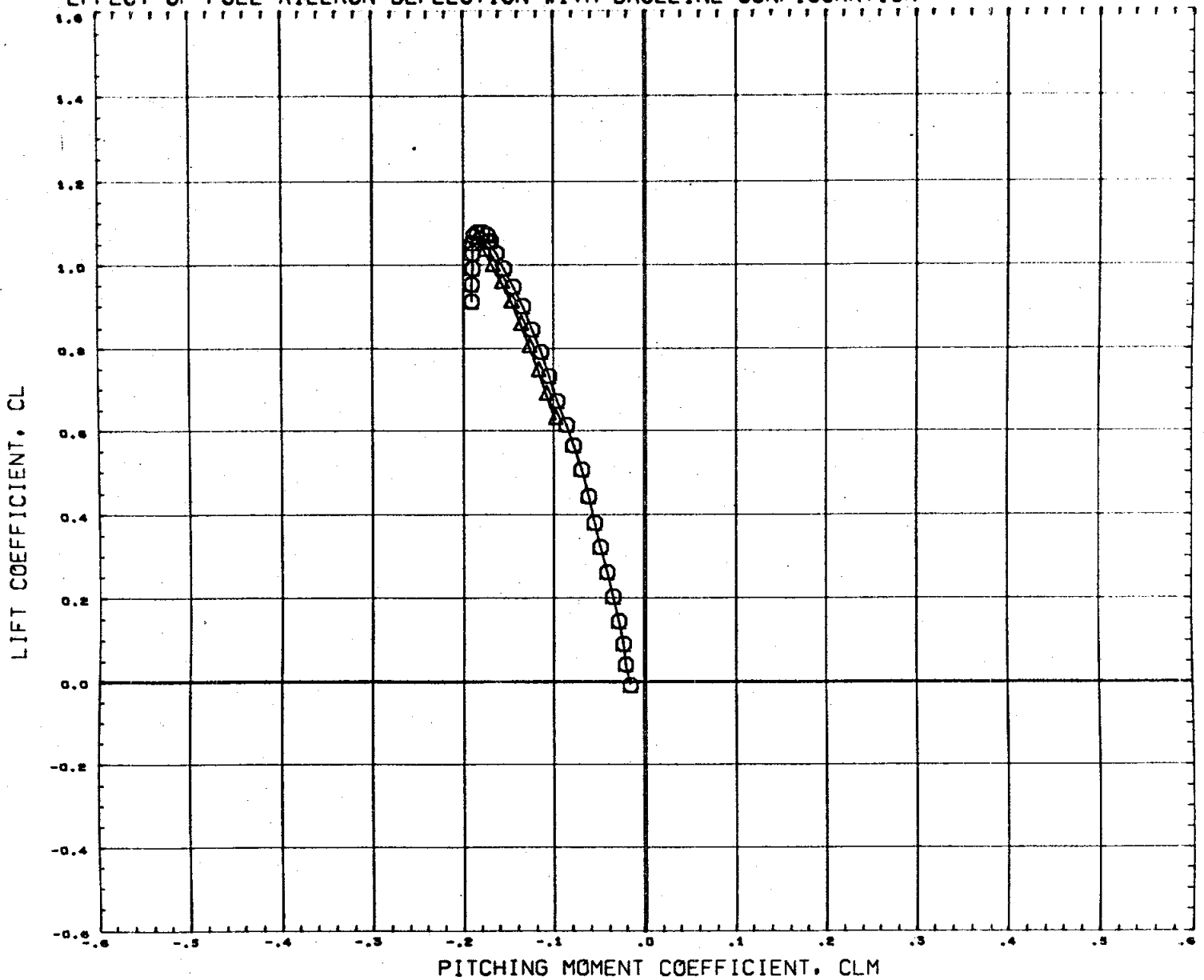
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
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						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

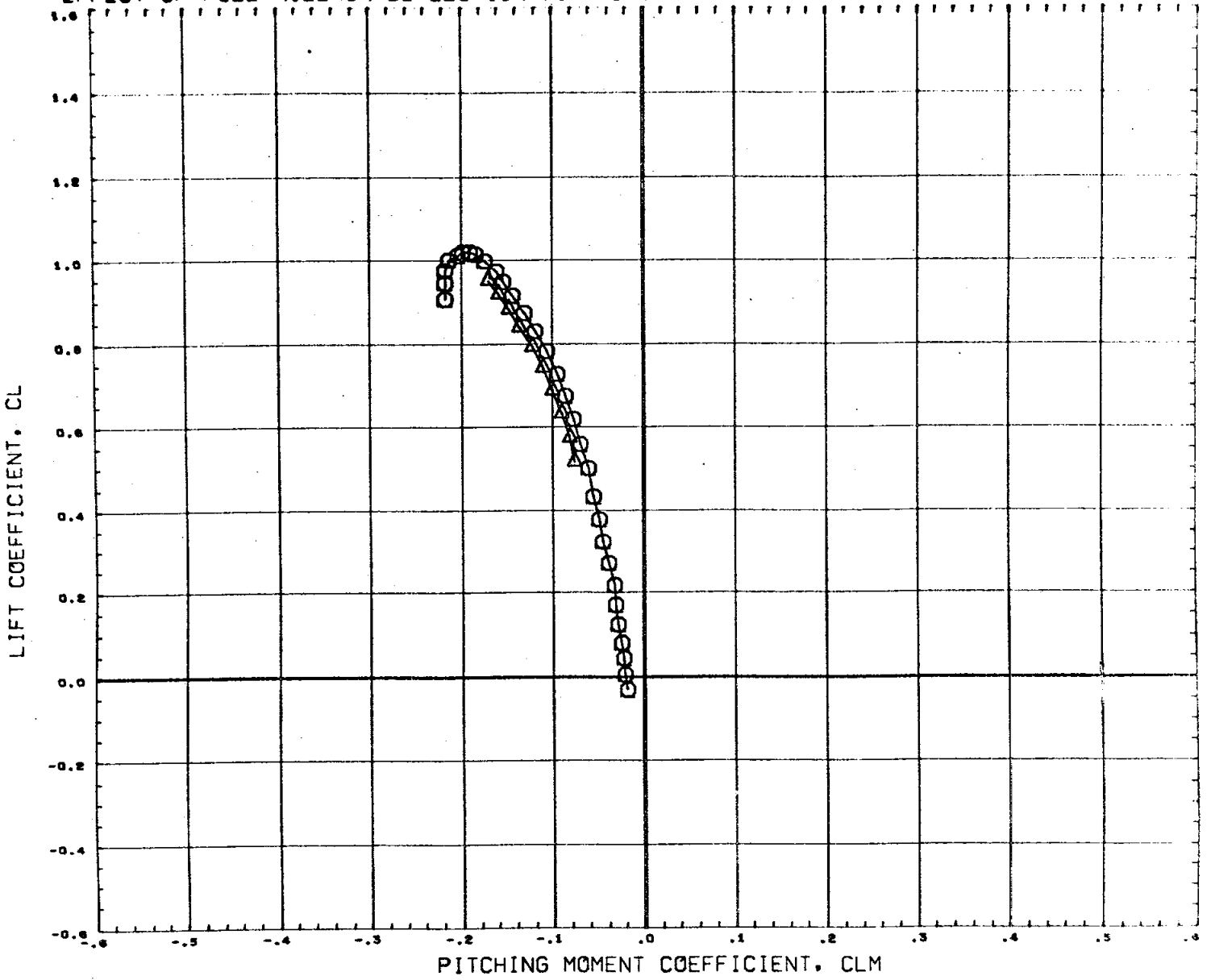
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76519)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

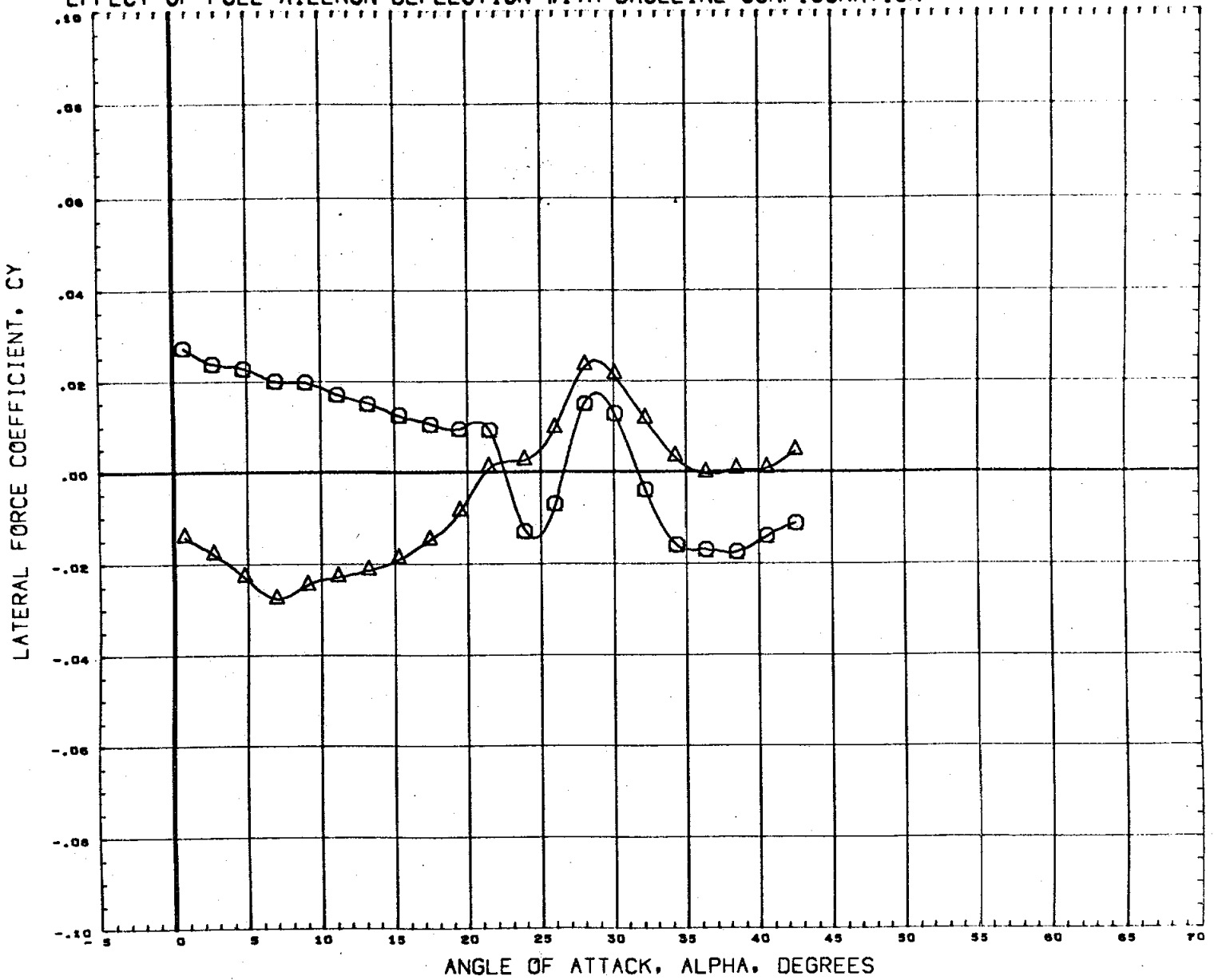
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
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						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 4.96

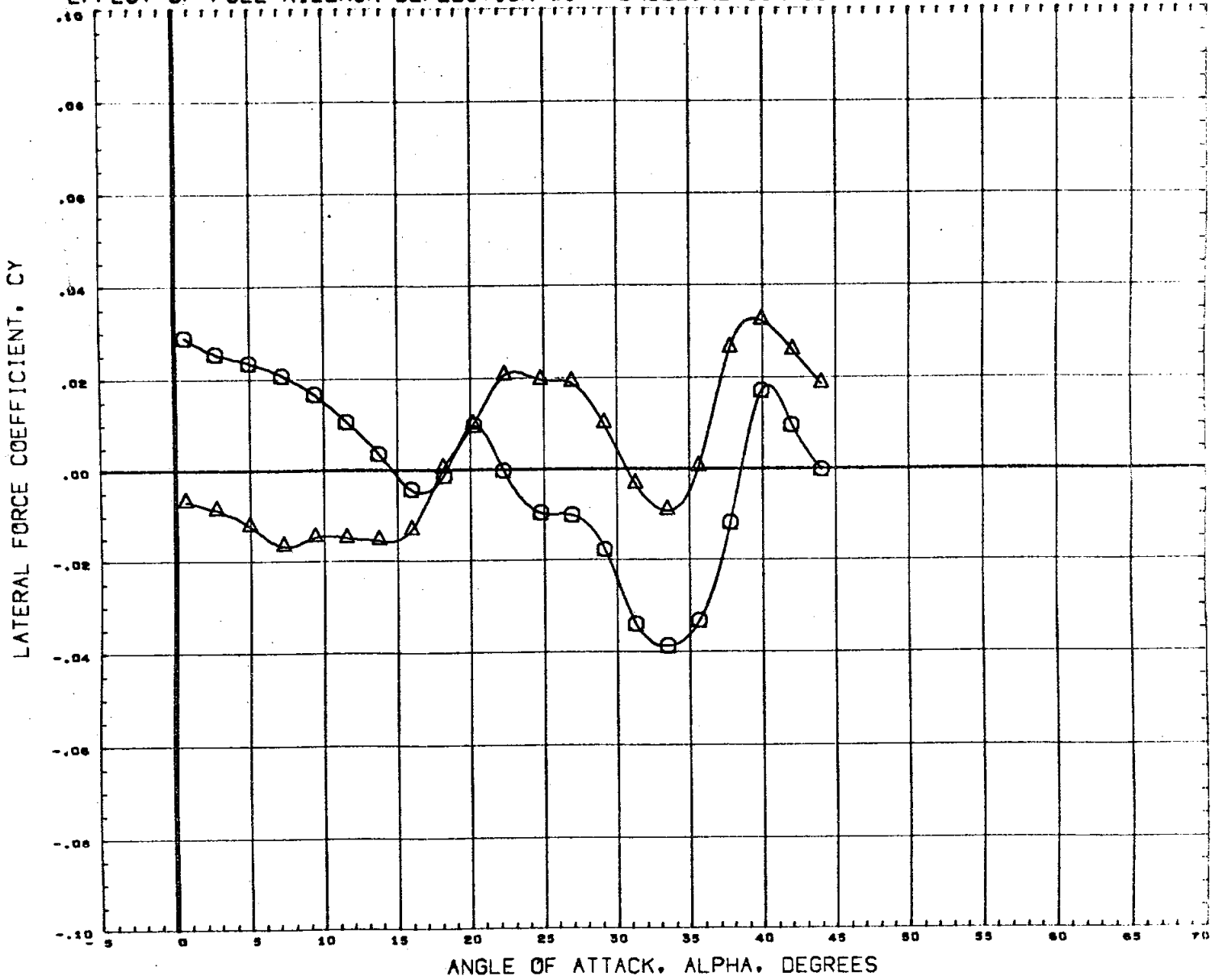
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76S19)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

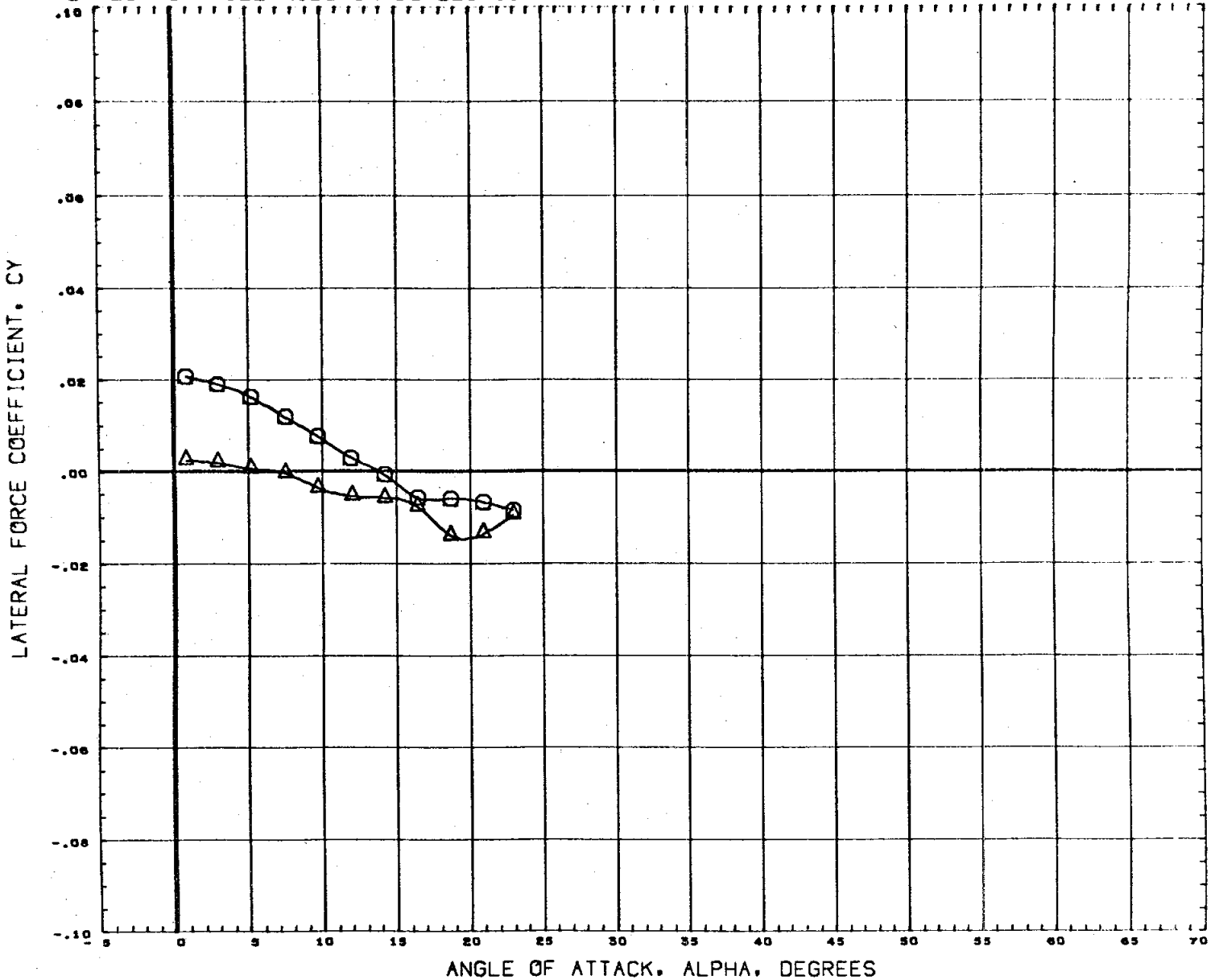


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

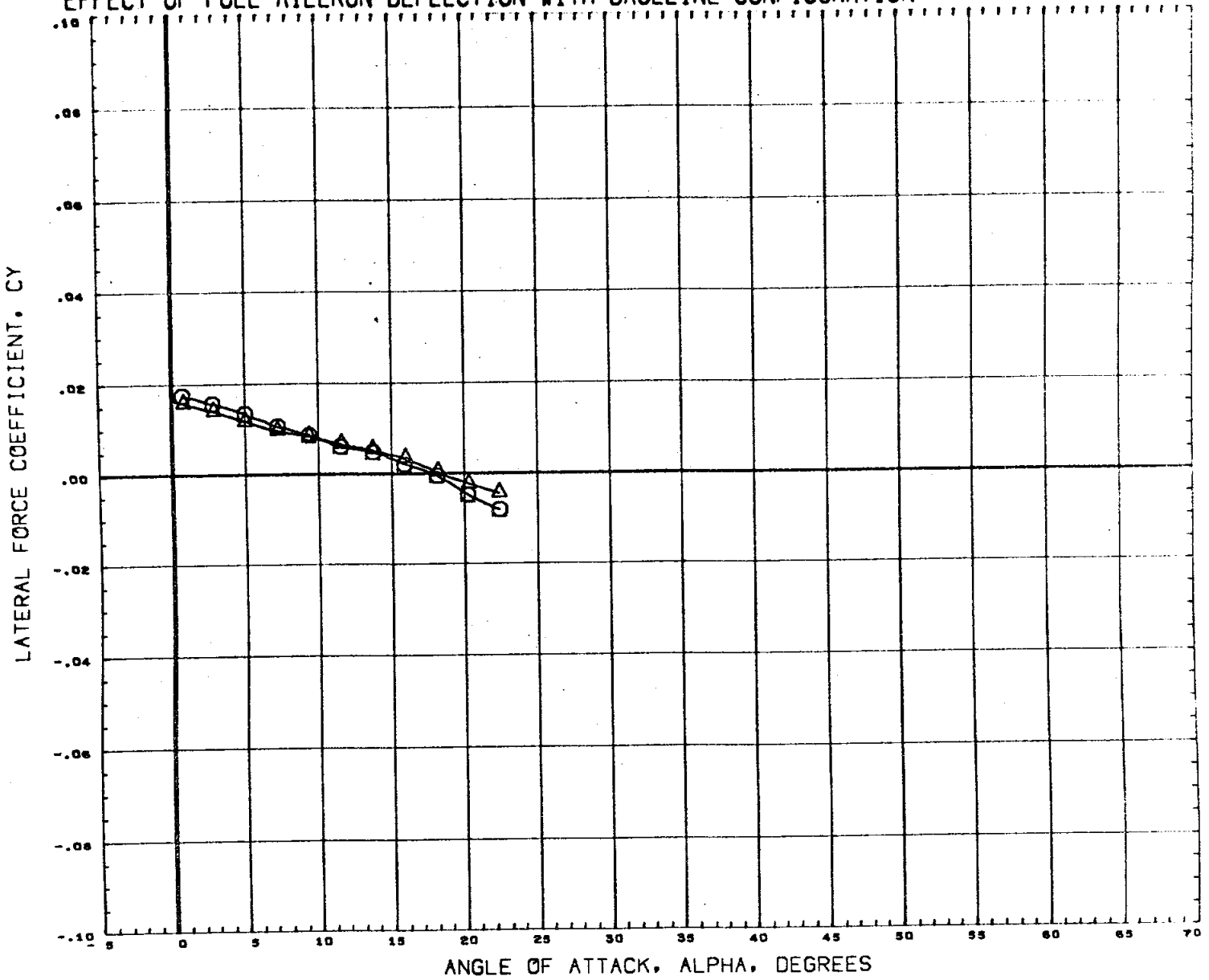


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A78303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A78319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

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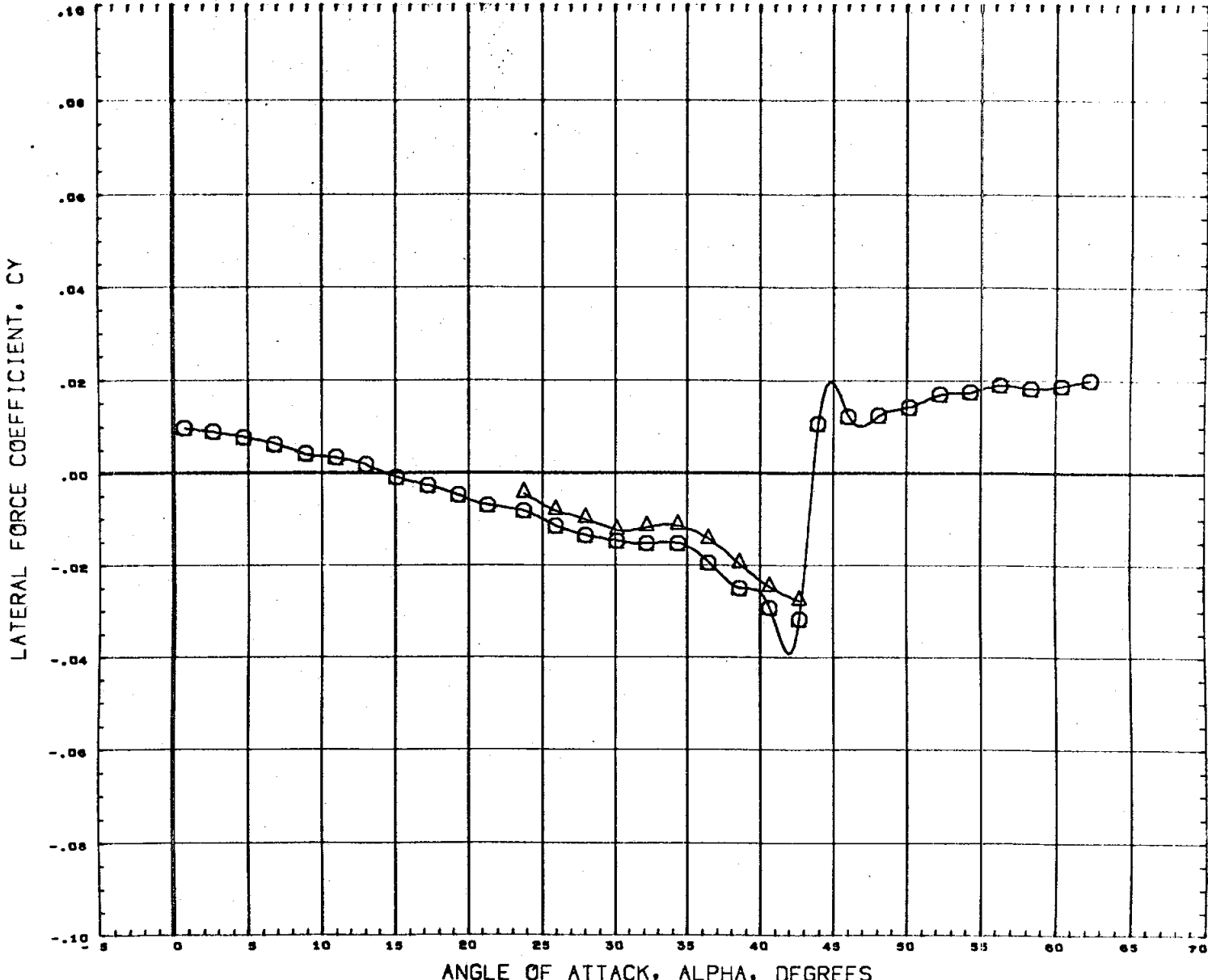
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76S19)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						YMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

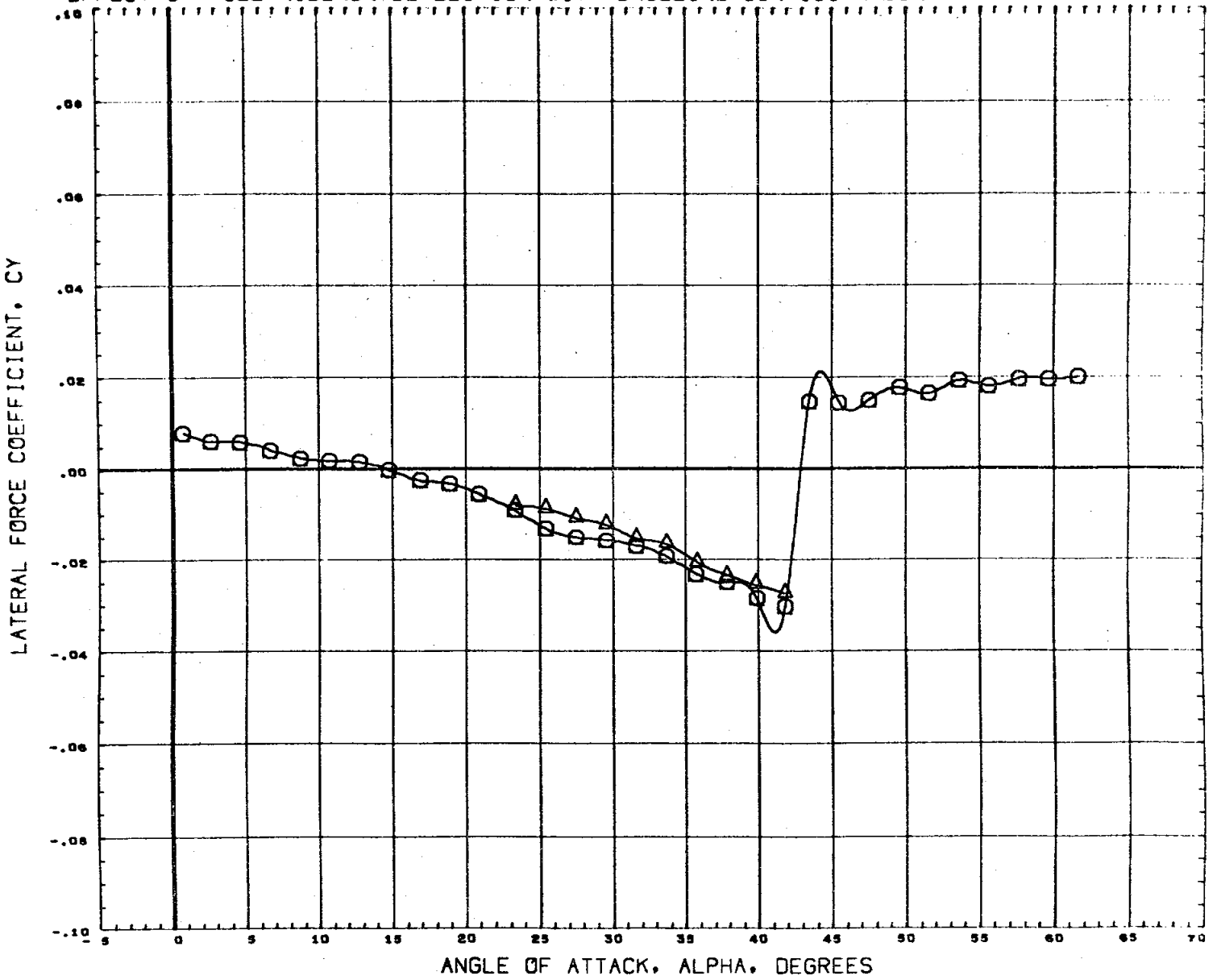
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A763DS)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76S19)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

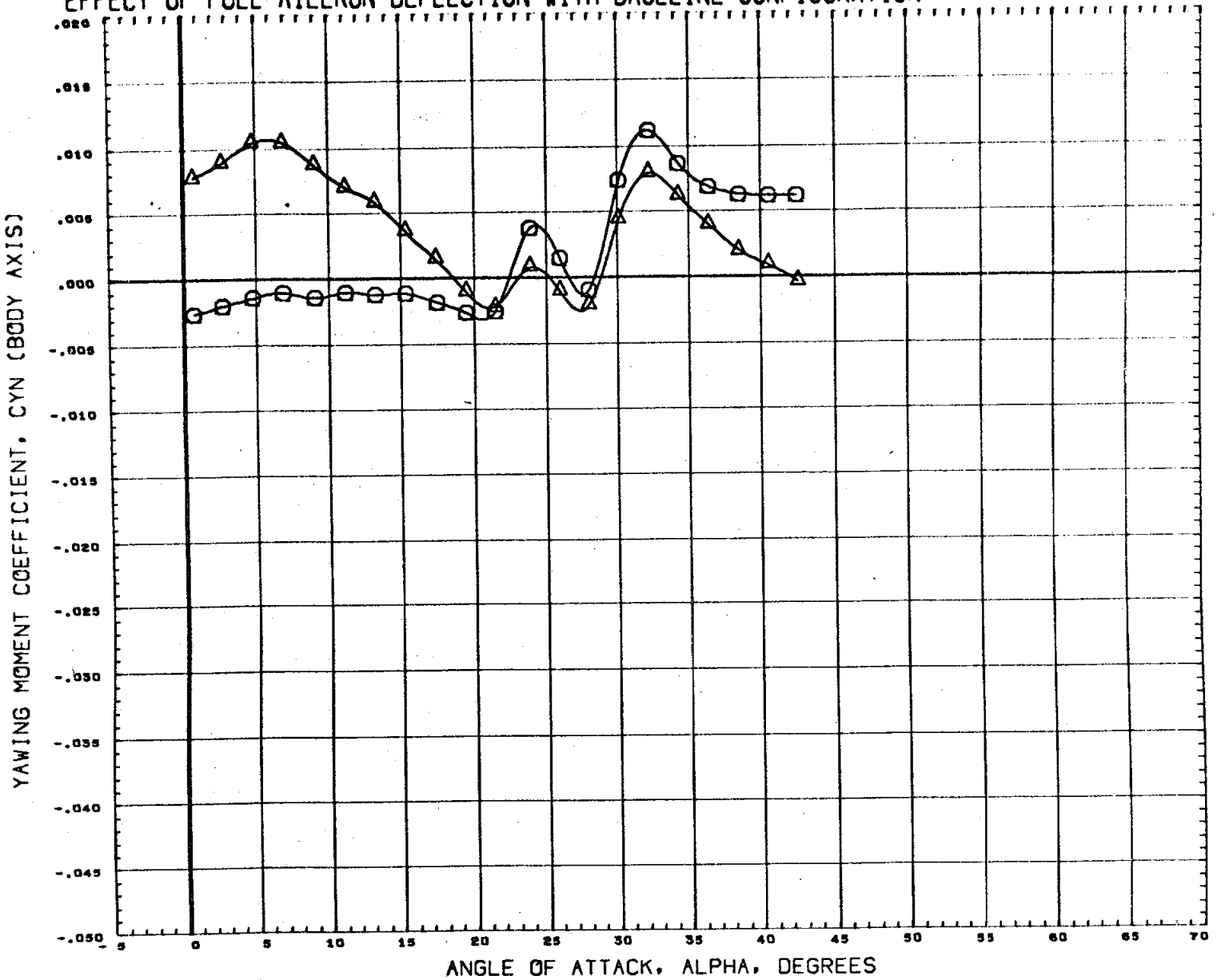
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555(FAS) NAR ATP ORB (B1C101F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76519)	M555(FAS) NAR ATP ORB (B1C101F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

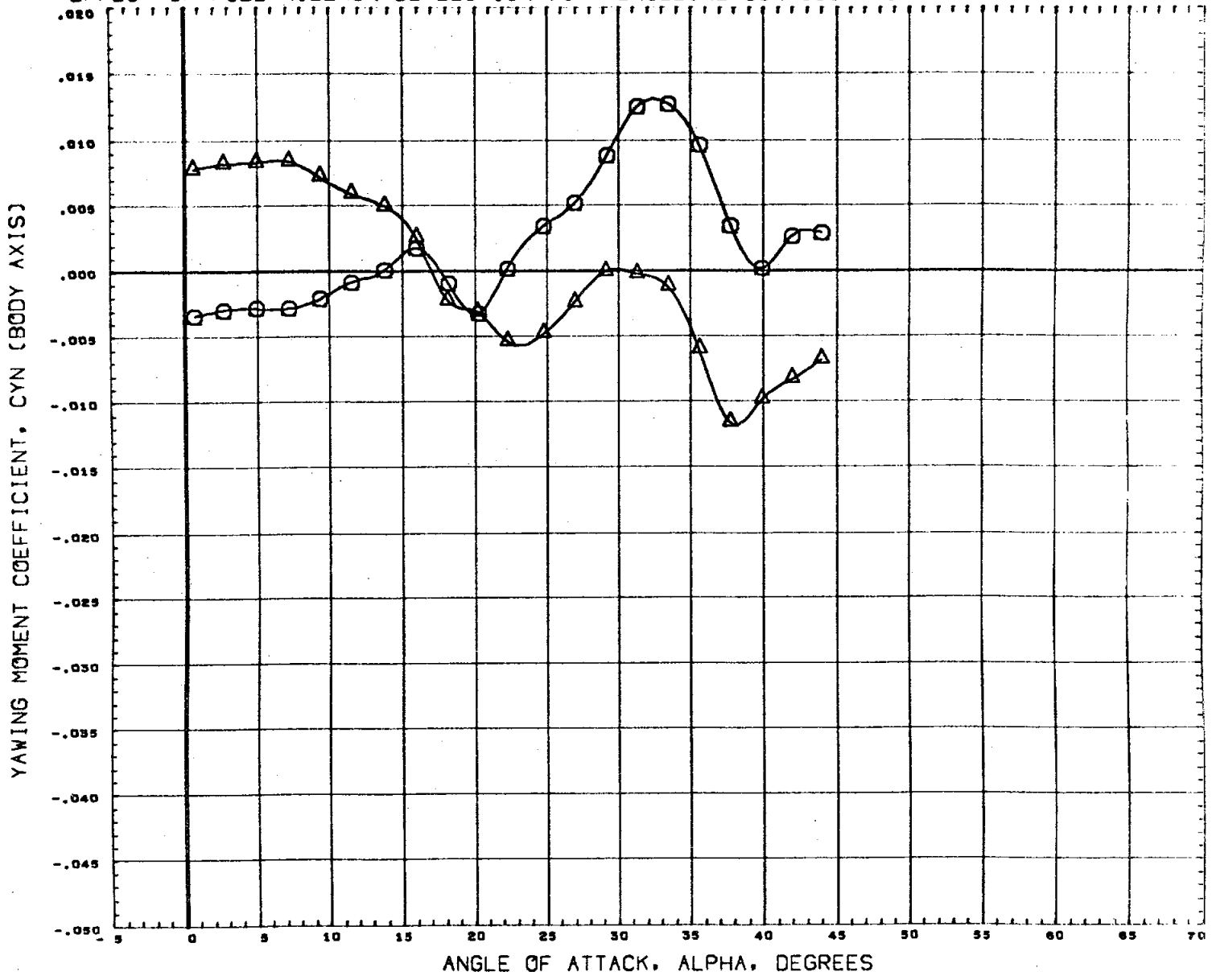


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION		
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190	SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020	IN.
						BREF	4.0300	IN.
						XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

MACH

.59

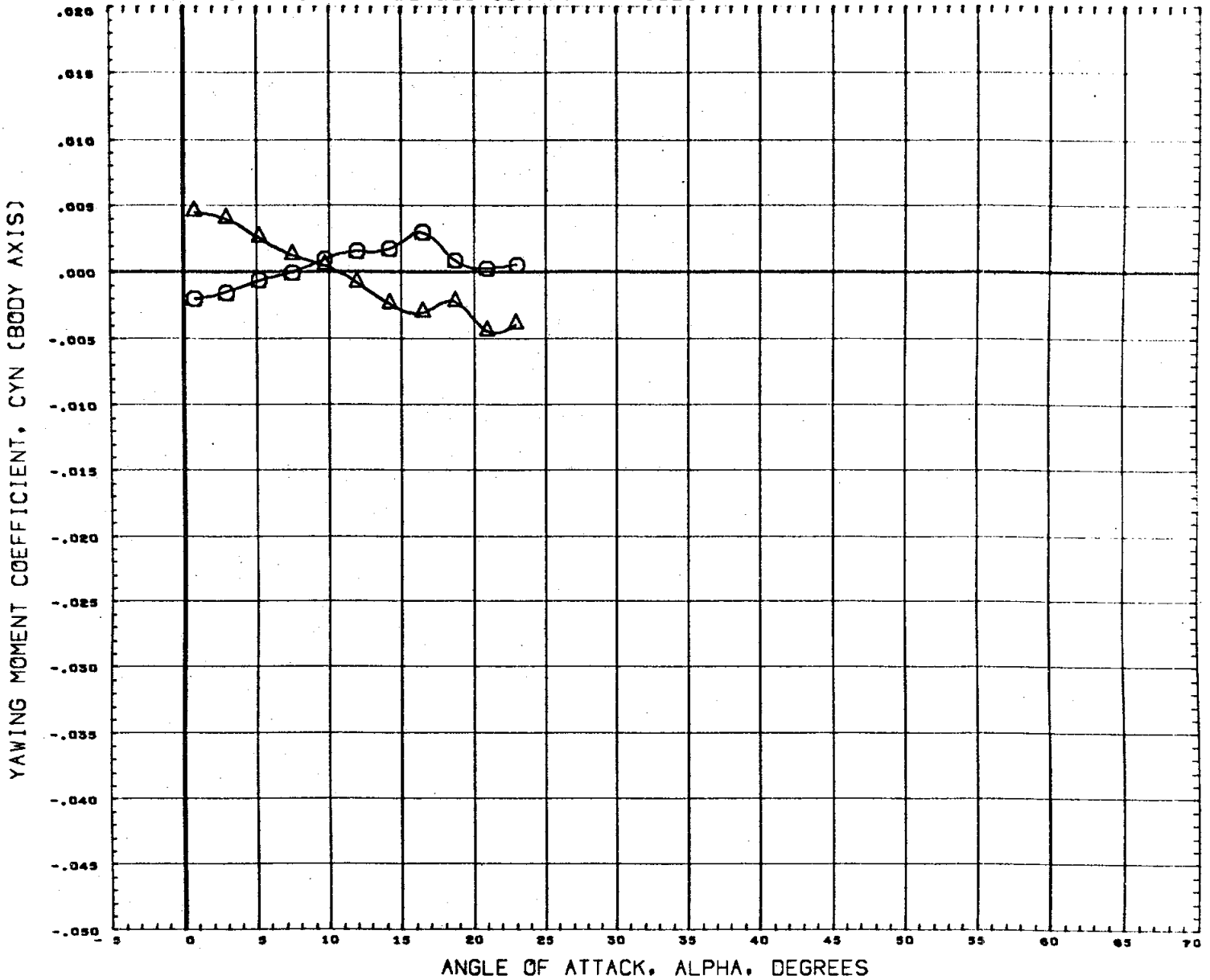
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4330 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .90

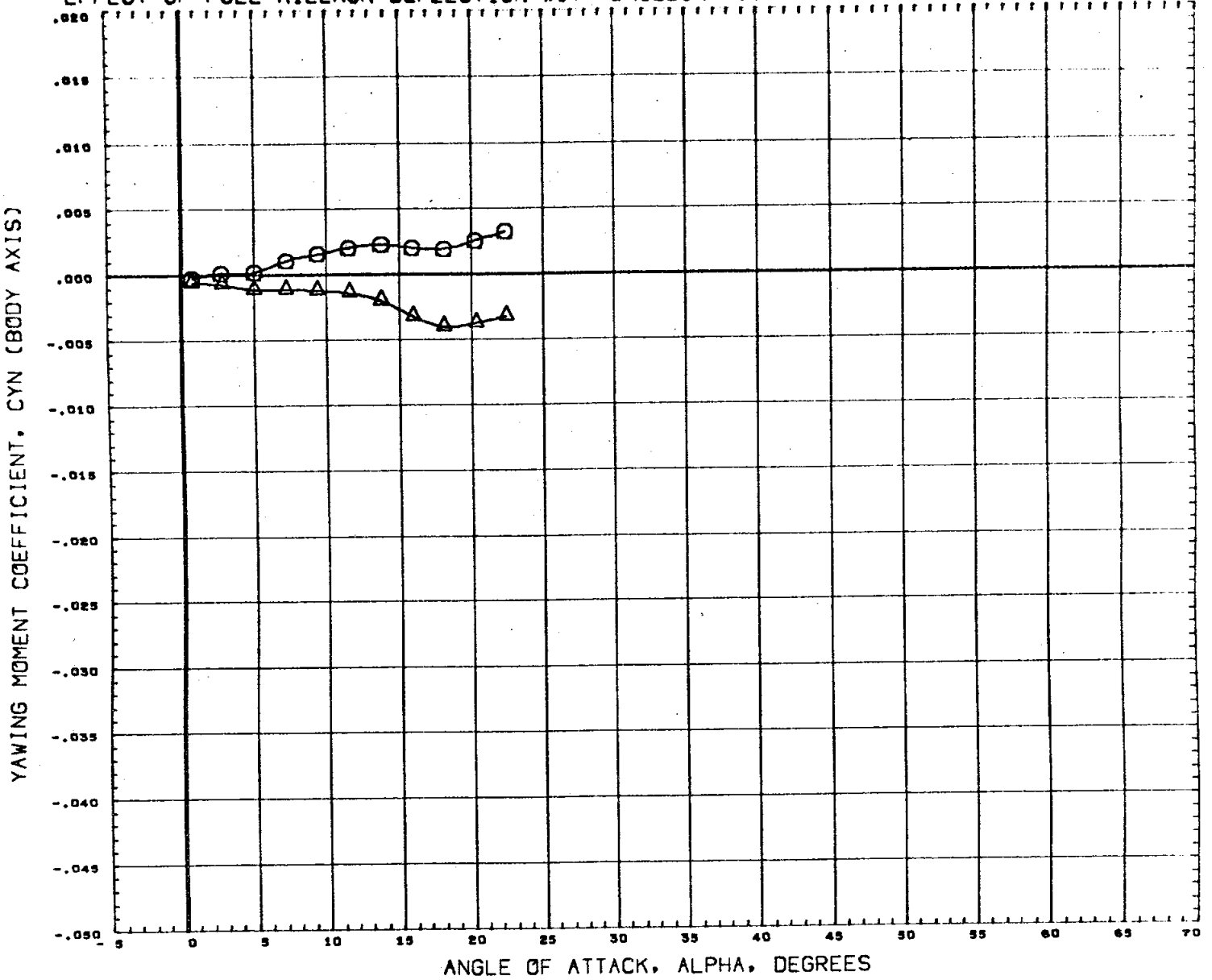
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76519)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

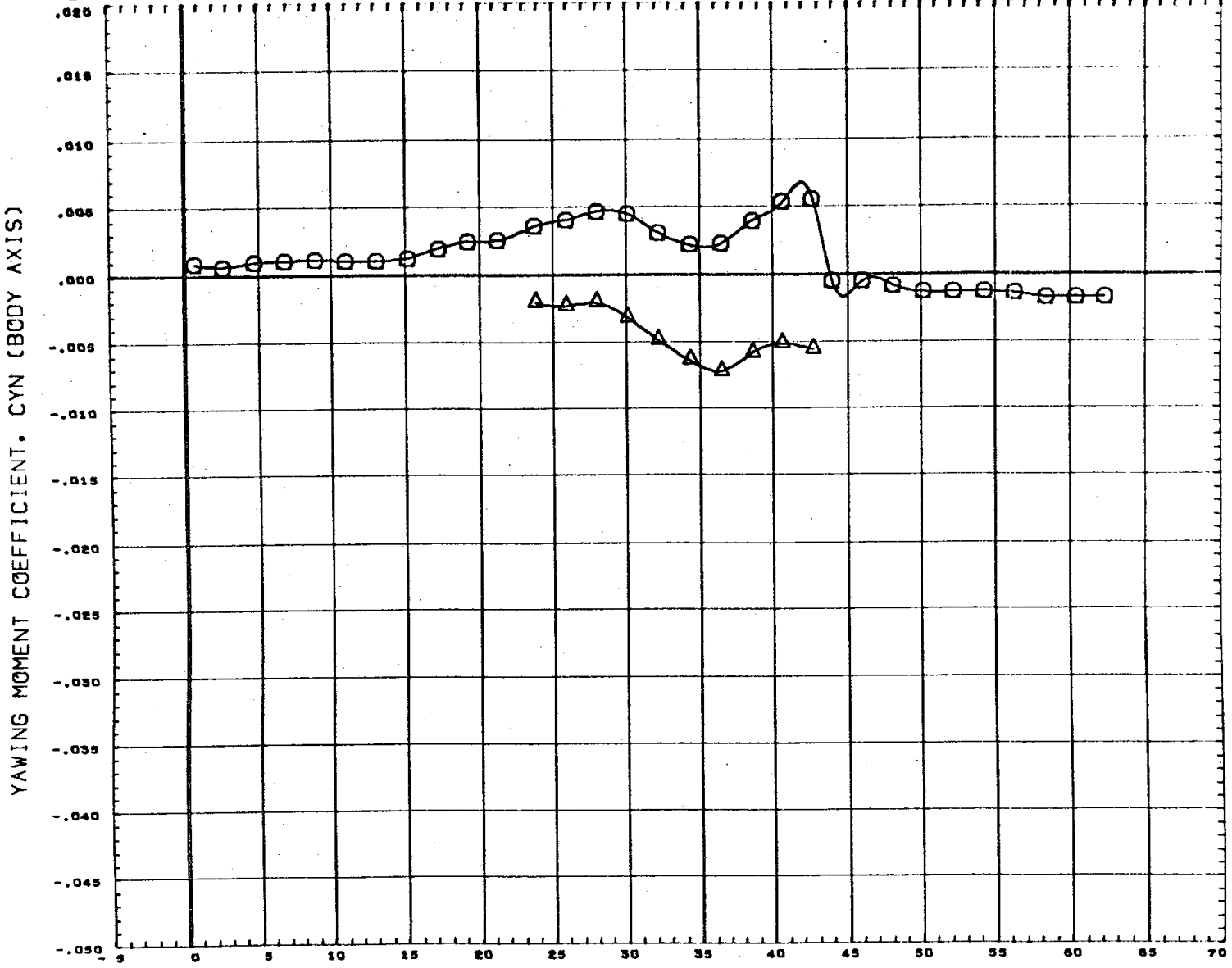


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDPLR	REFERENCE INFORMATION	
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97



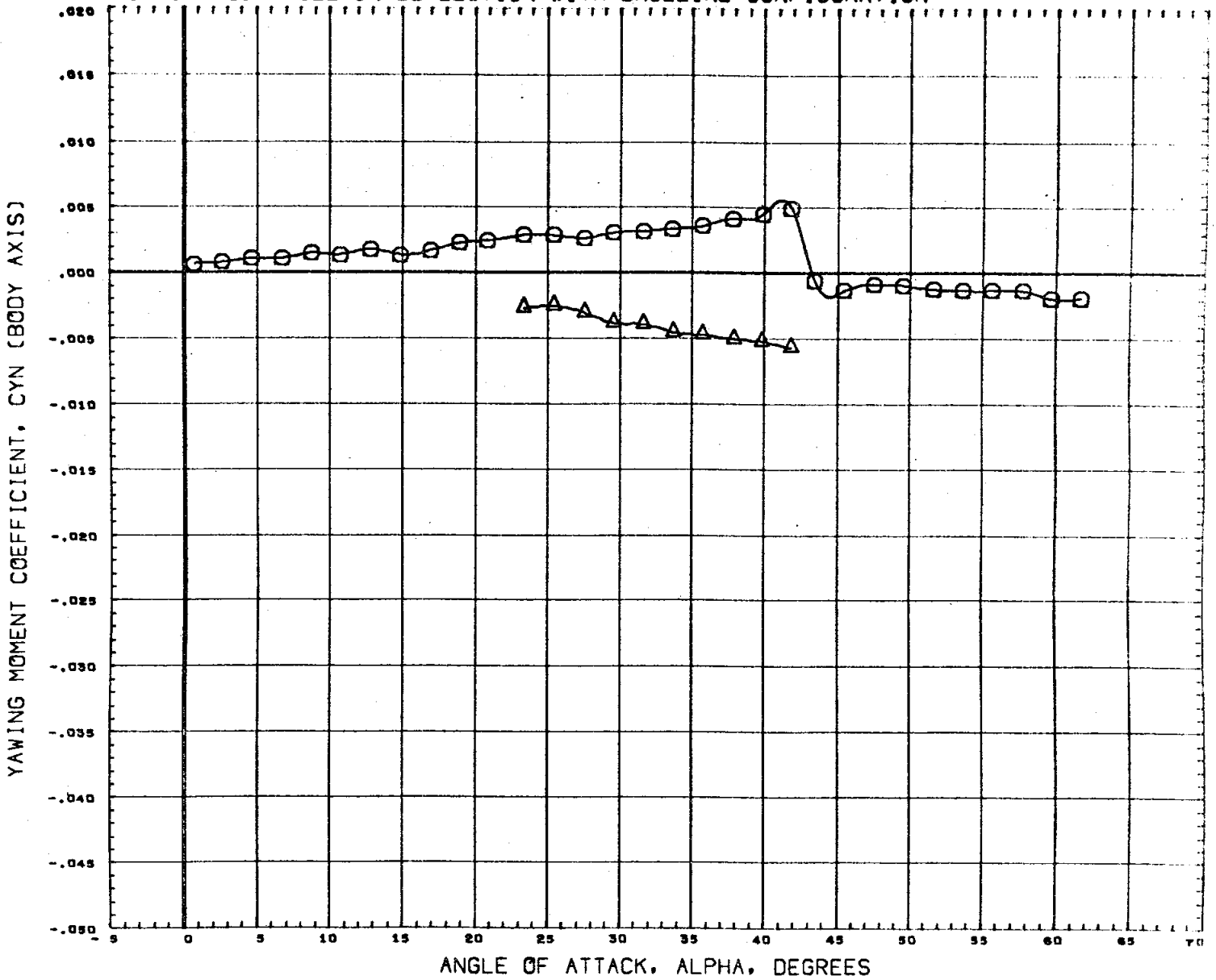
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

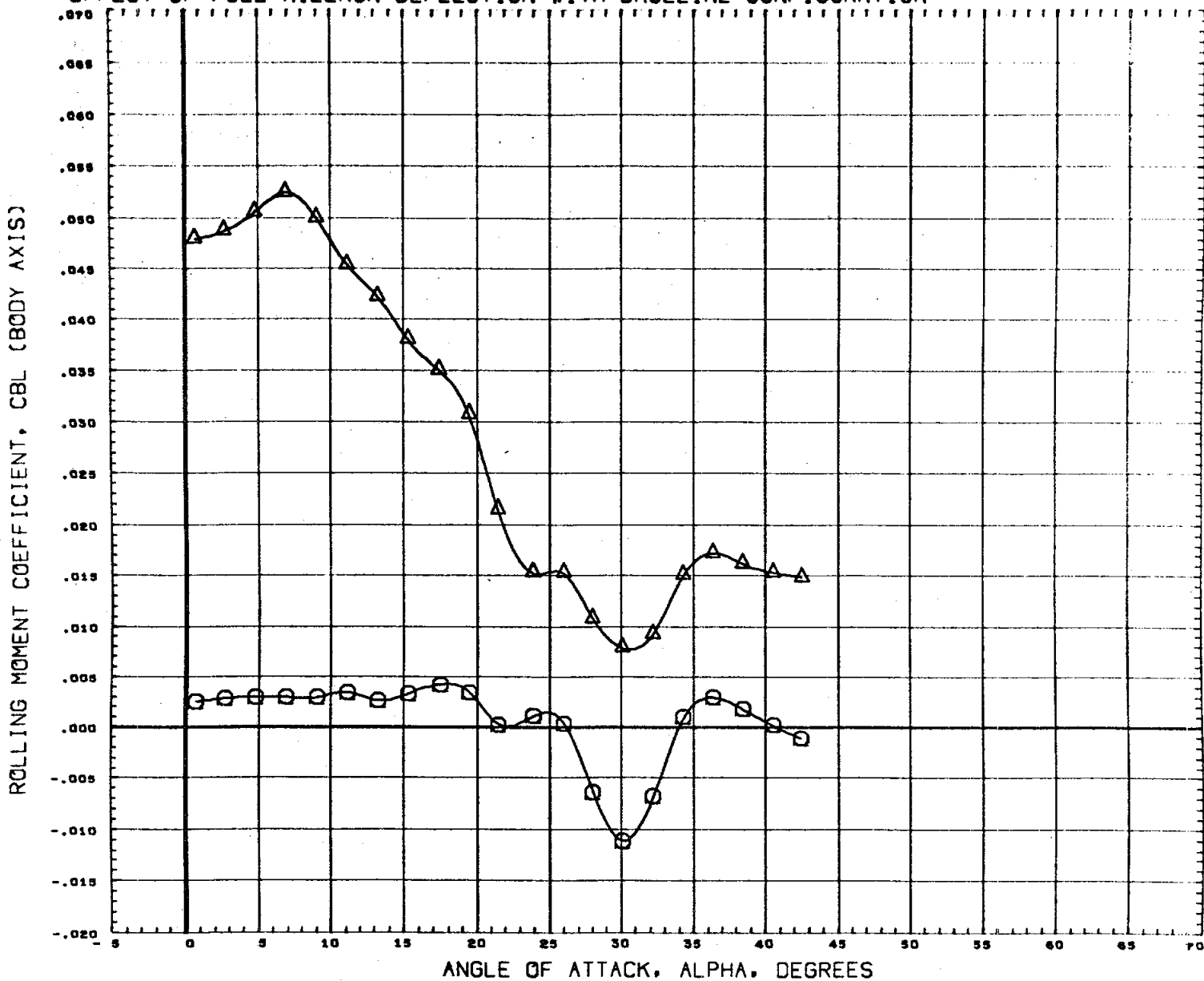


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4330 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 4.96

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# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



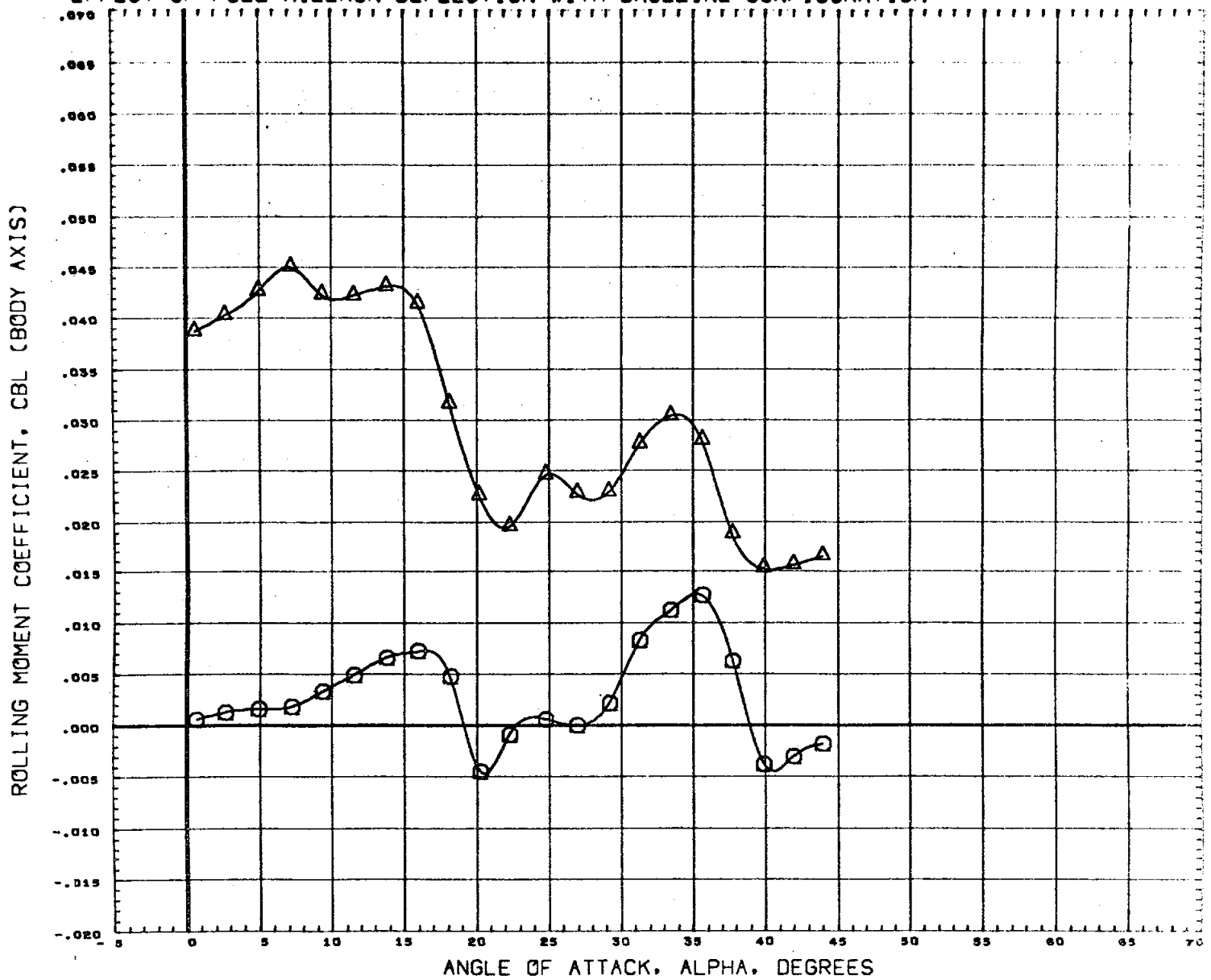
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76519)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (WIE1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH

.59

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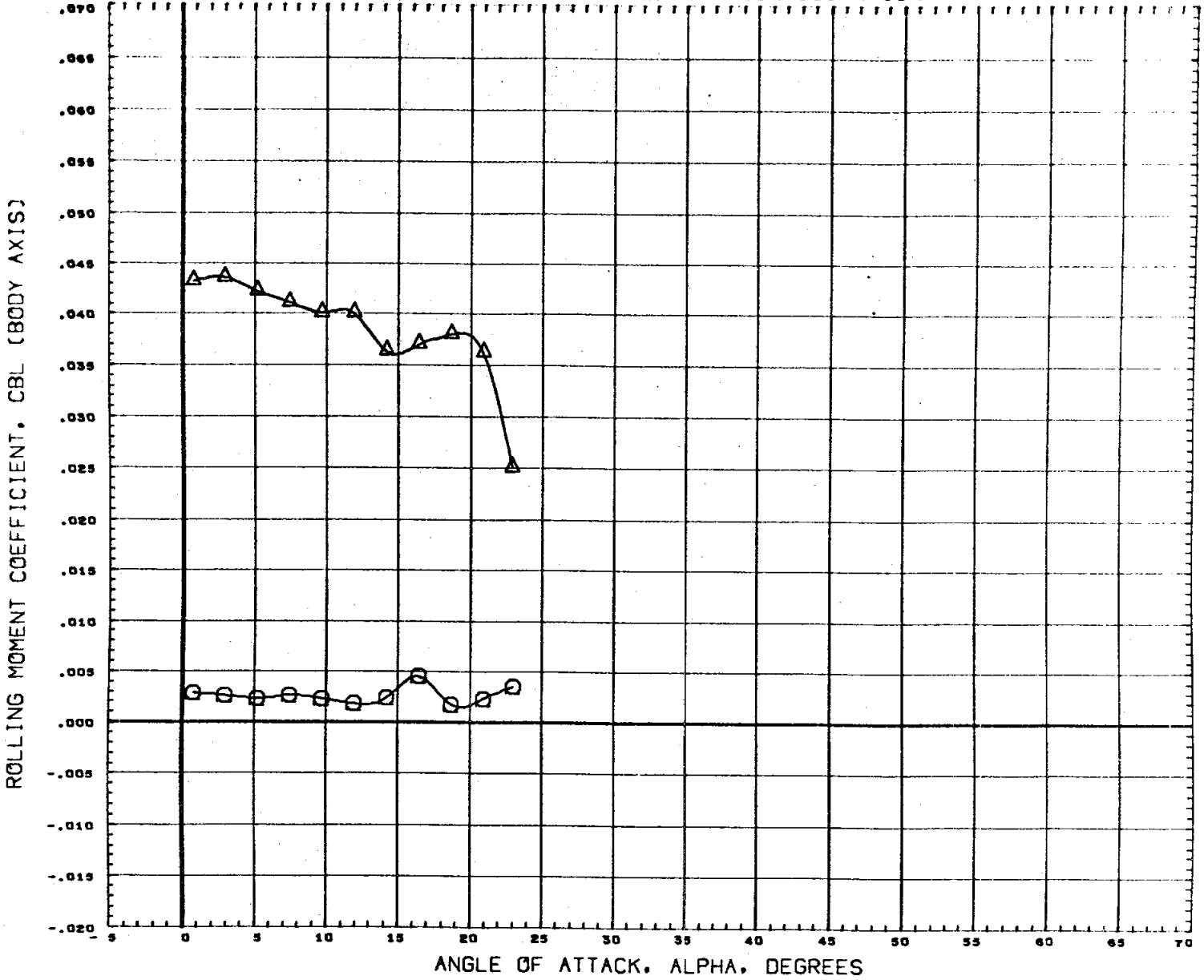
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(A76305)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76319)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .90

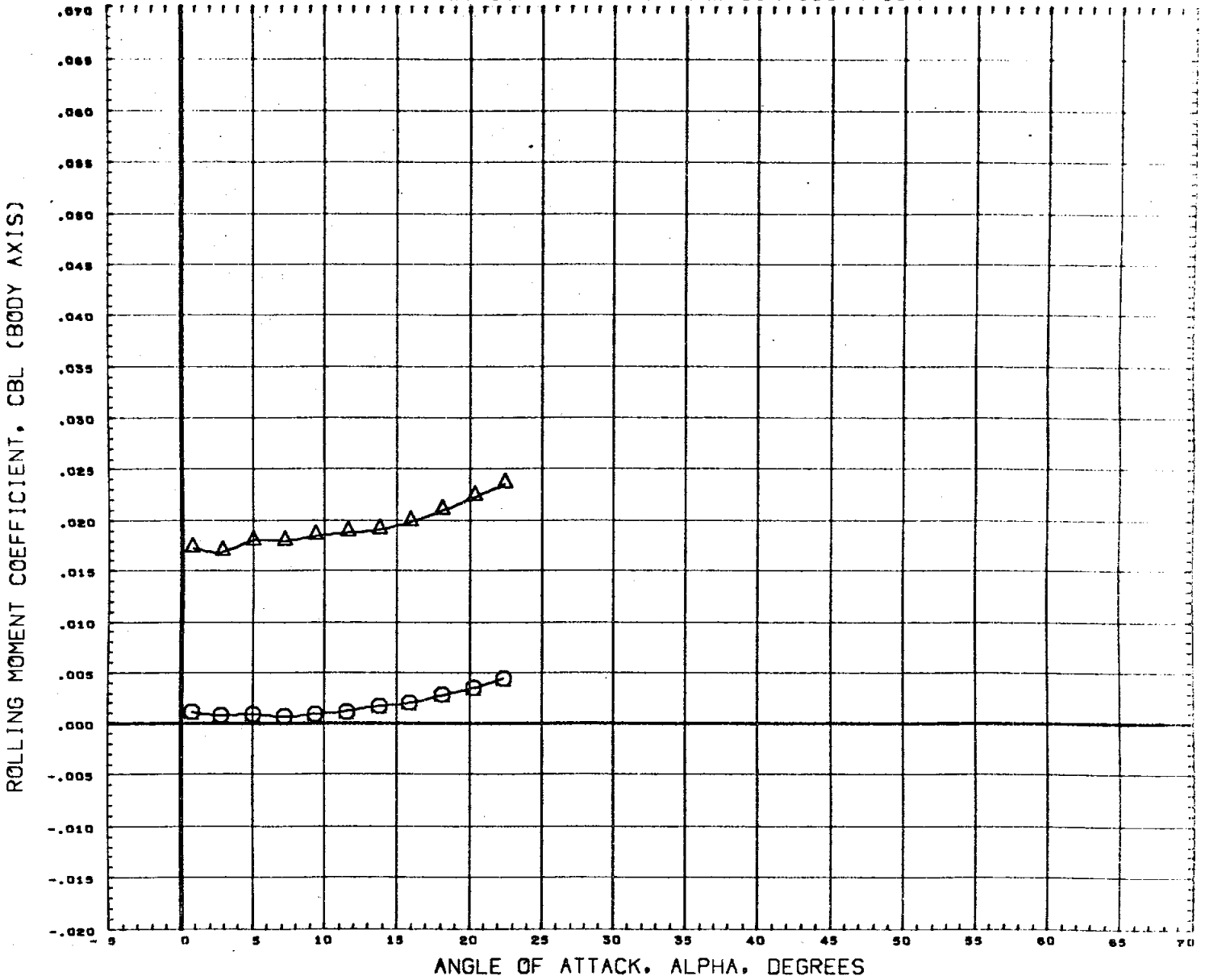
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

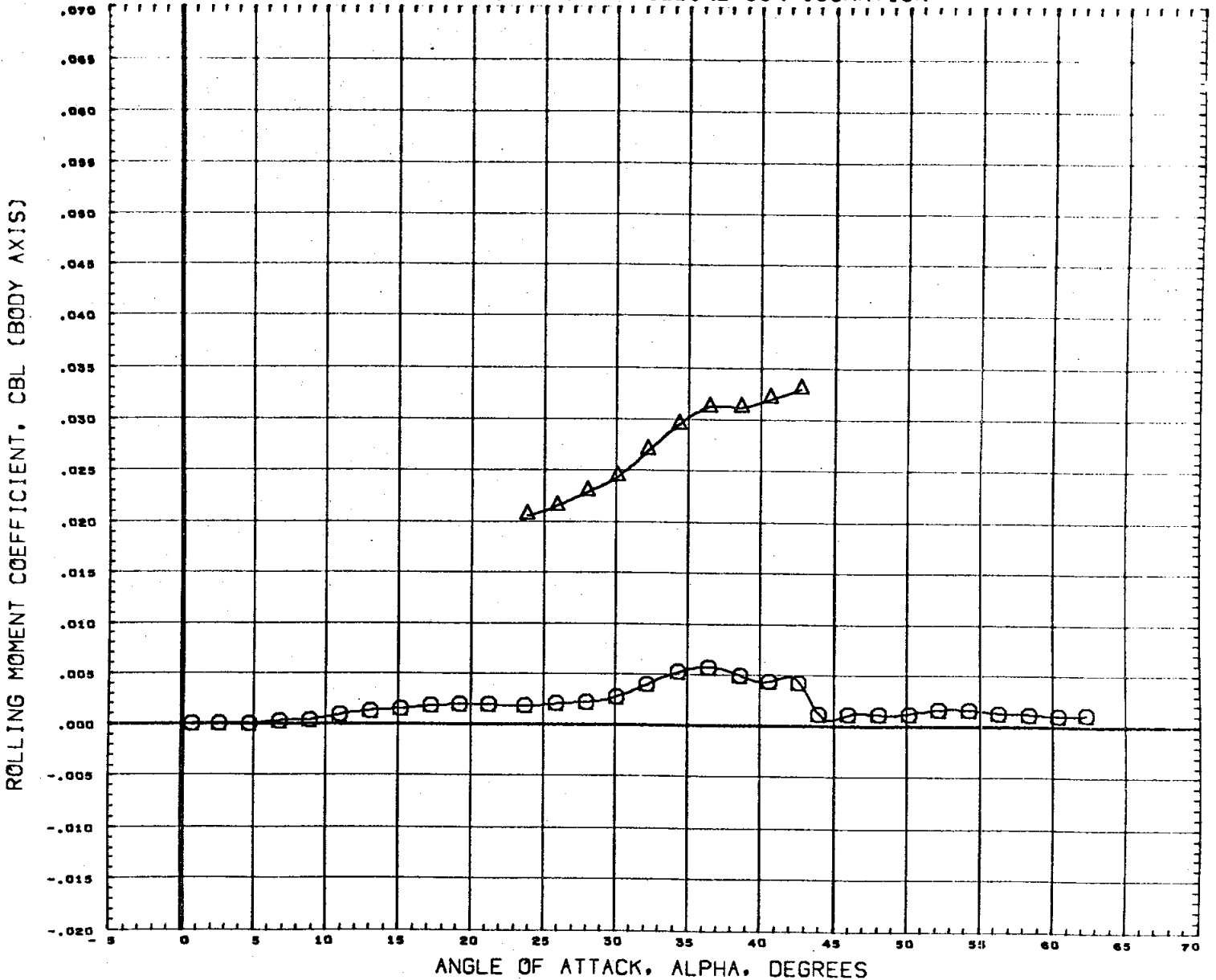
# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76S19)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

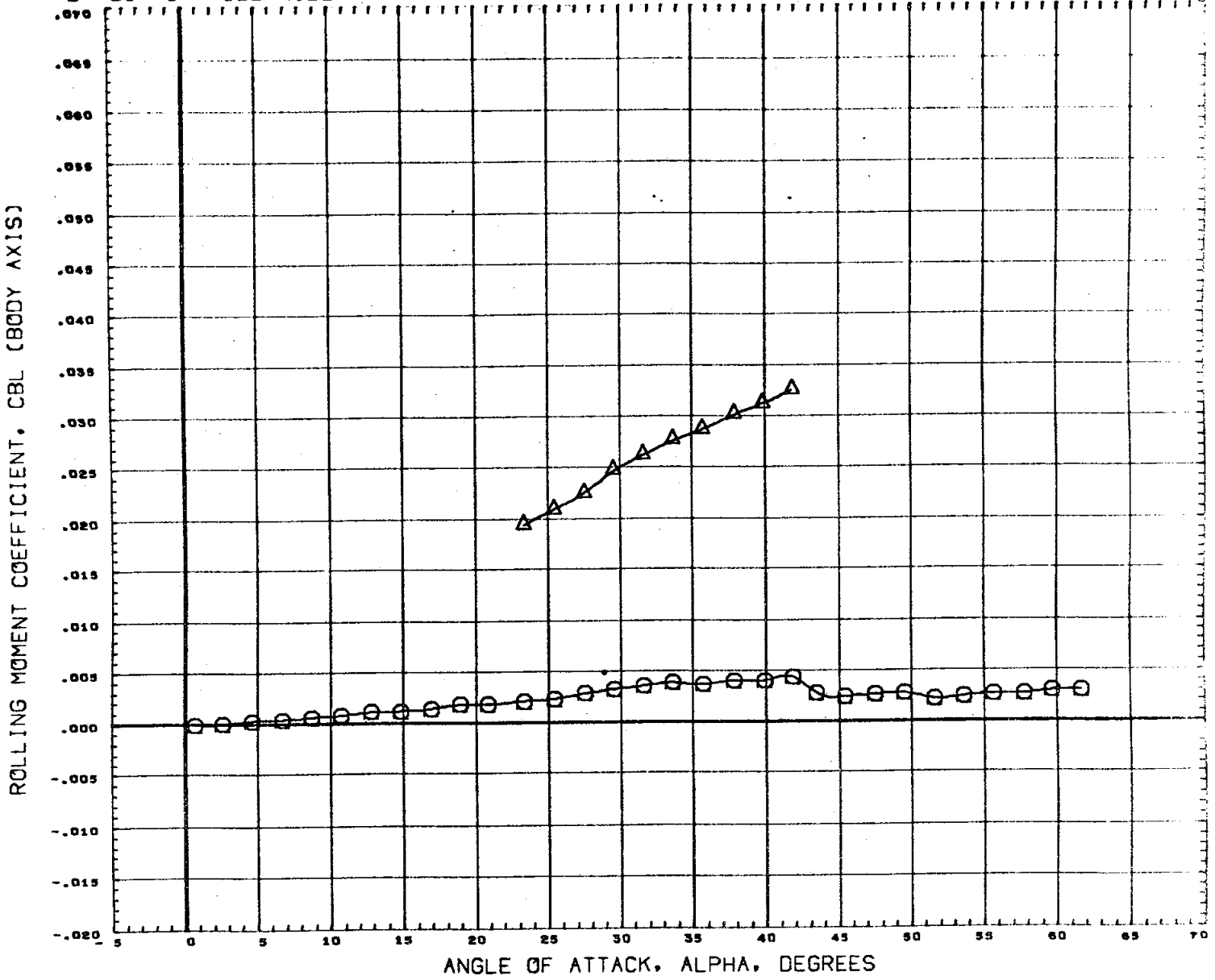


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH

2.99

# EFFECT OF FULL AILERON DEFLECTION WITH BASELINE CONFIGURATION

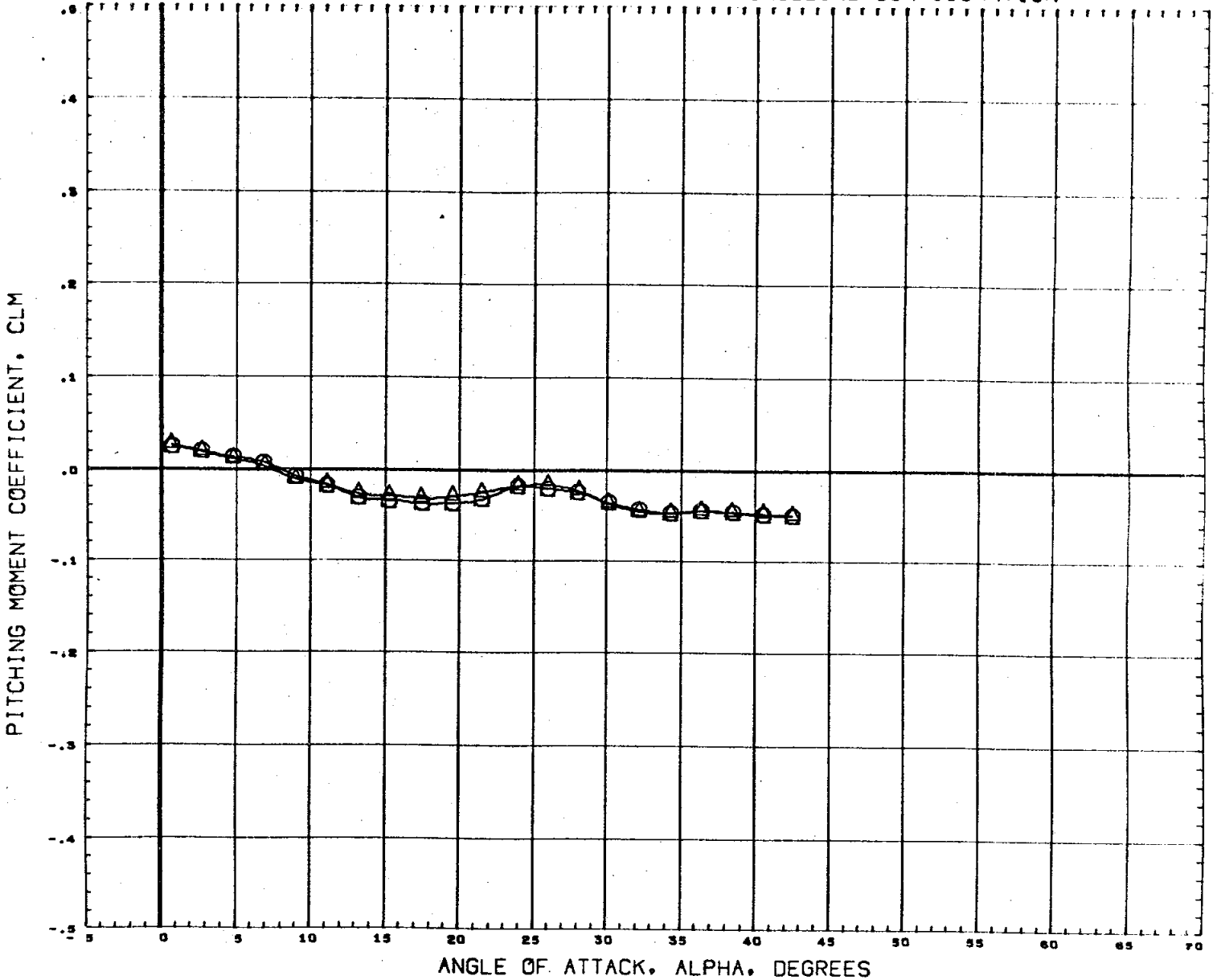


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	AILRON	RUDFLR	REFERENCE INFORMATION	
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76319)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	10.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4550 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 4.96



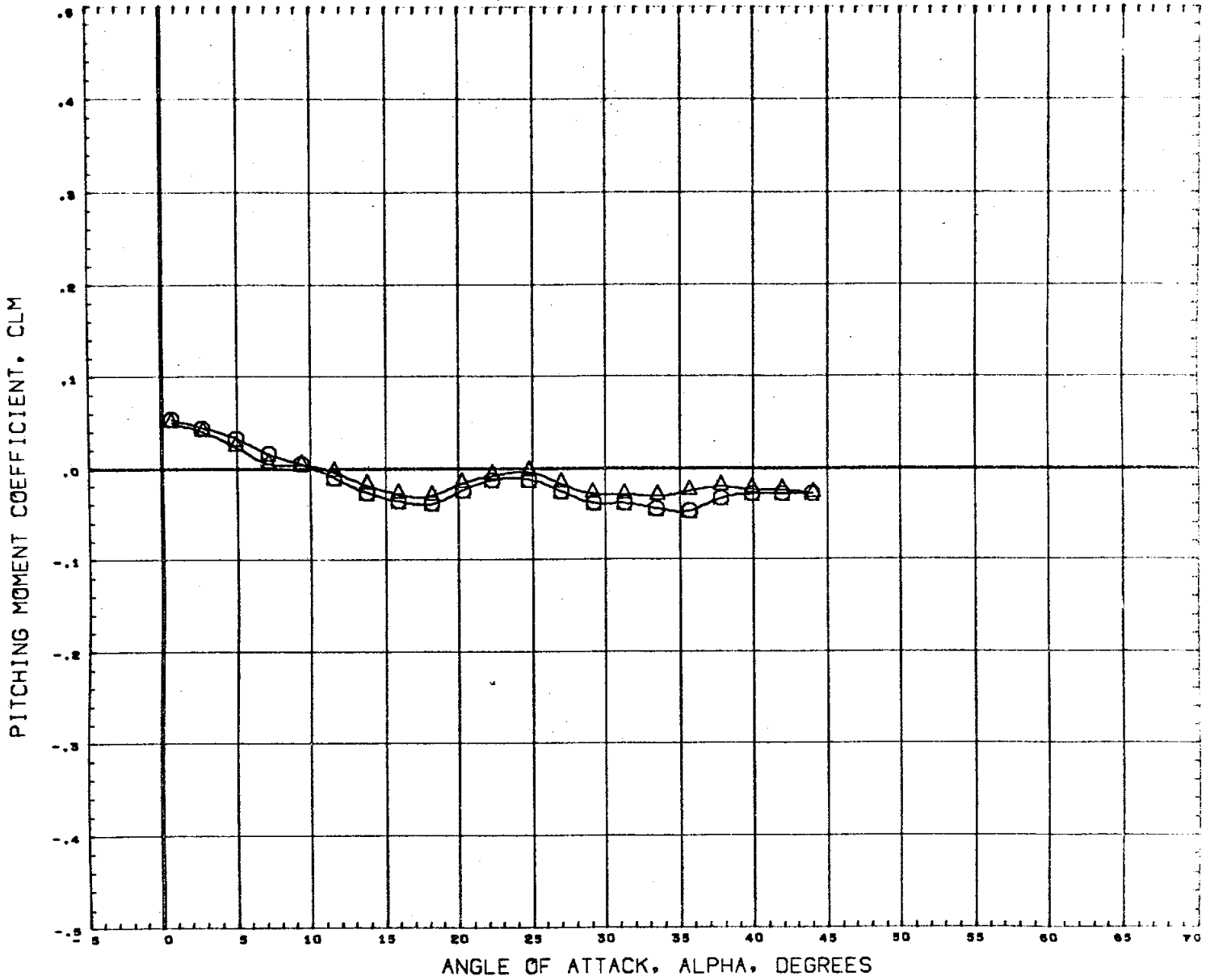
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

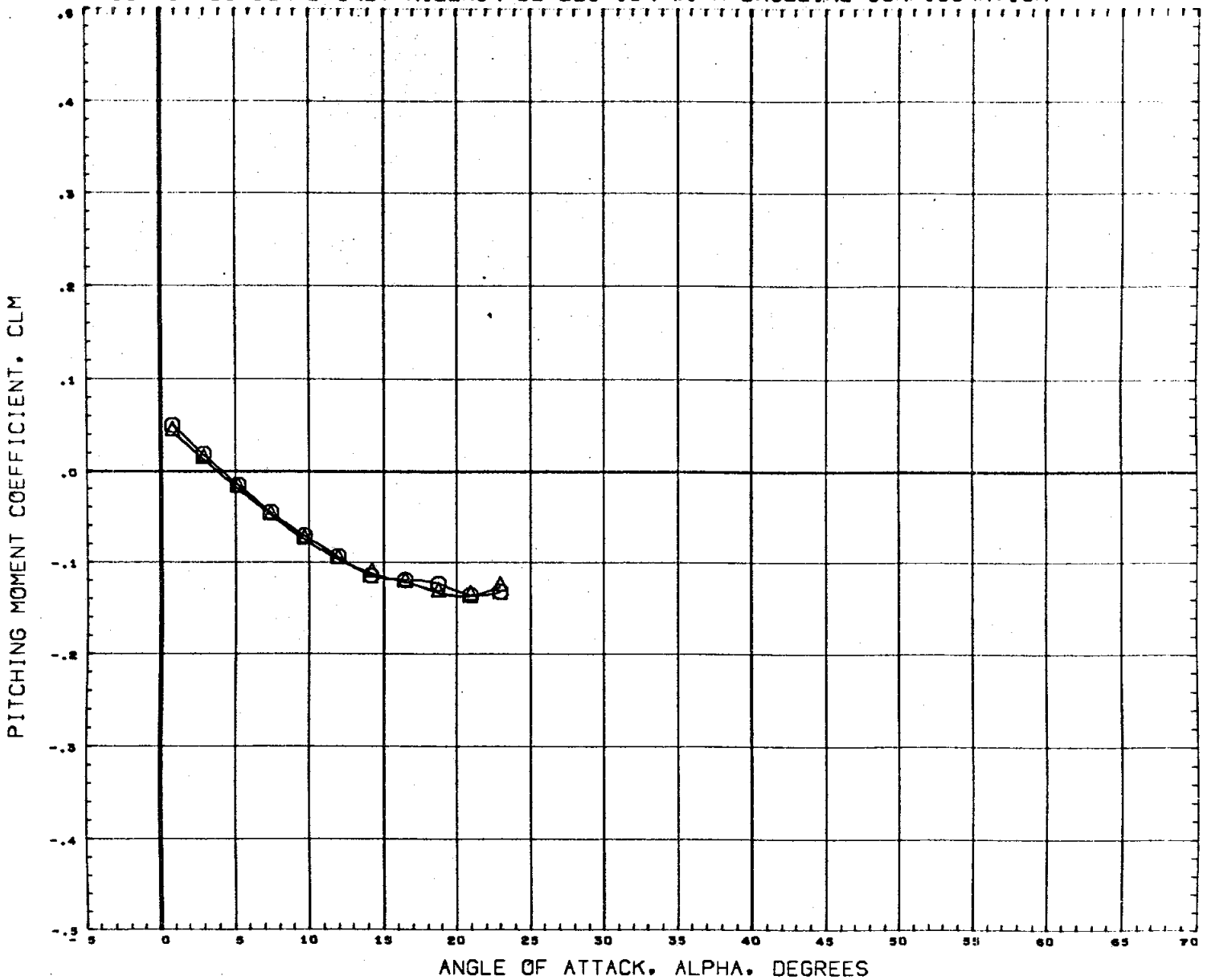
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

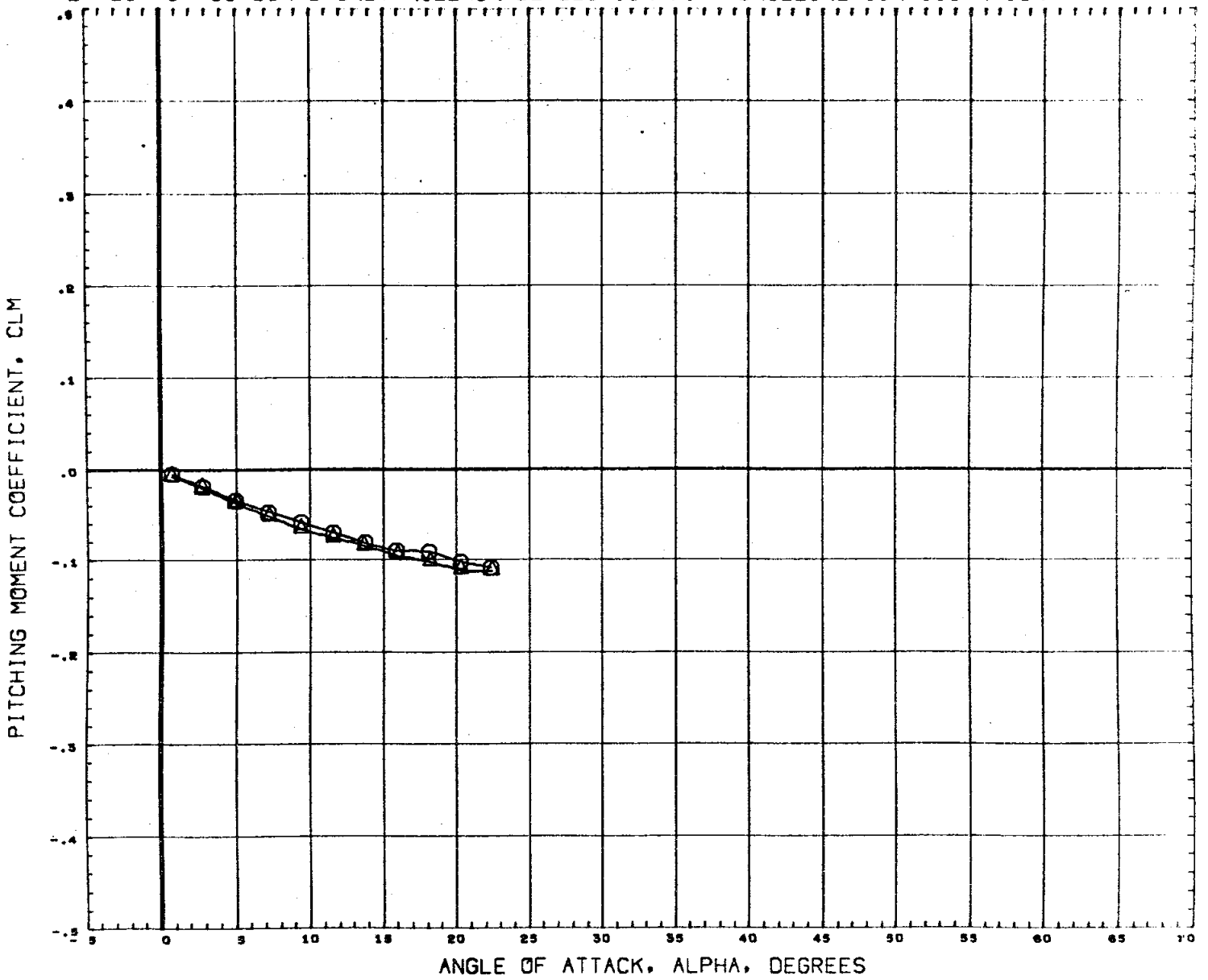
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76921)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4330 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.20

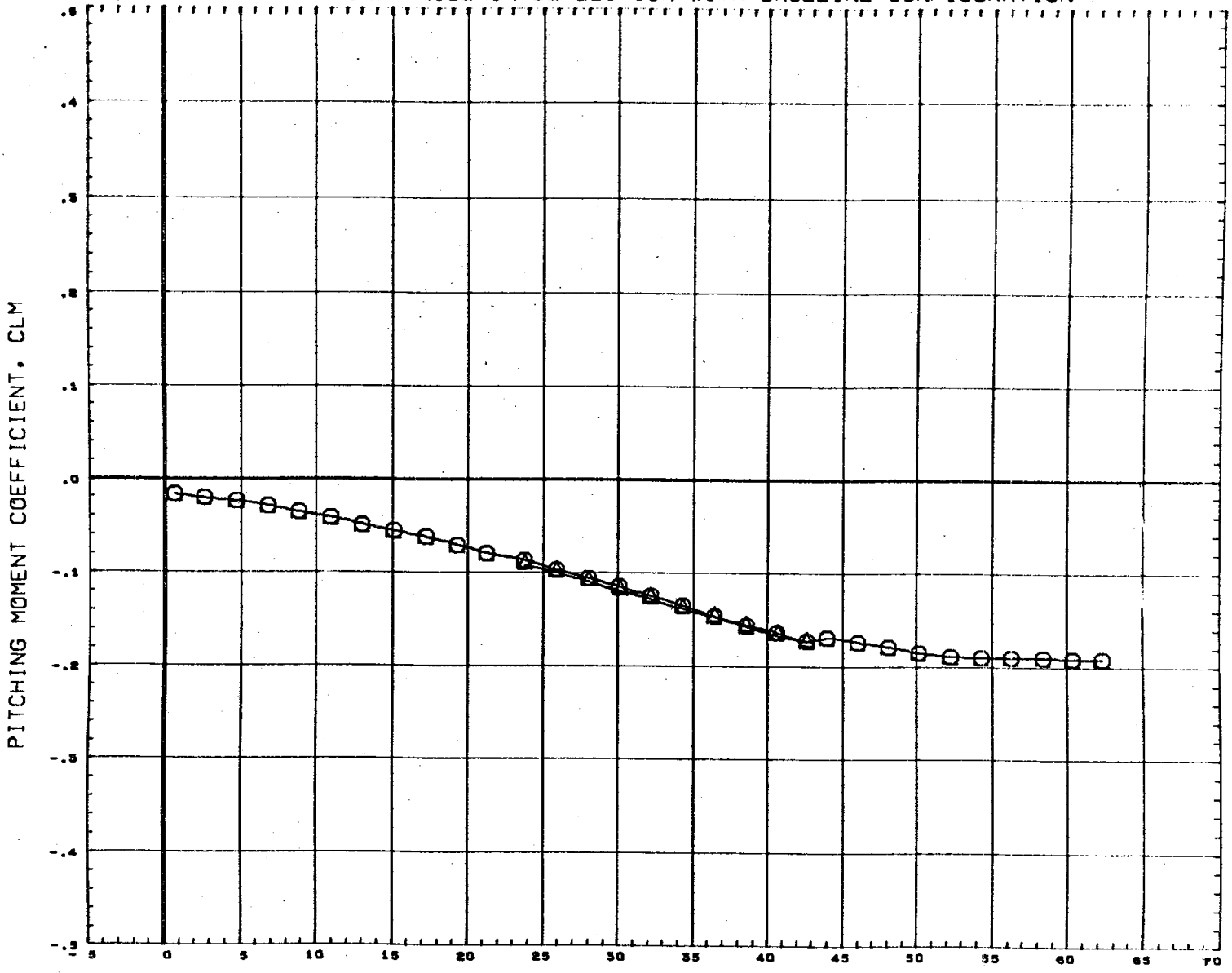
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLY	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

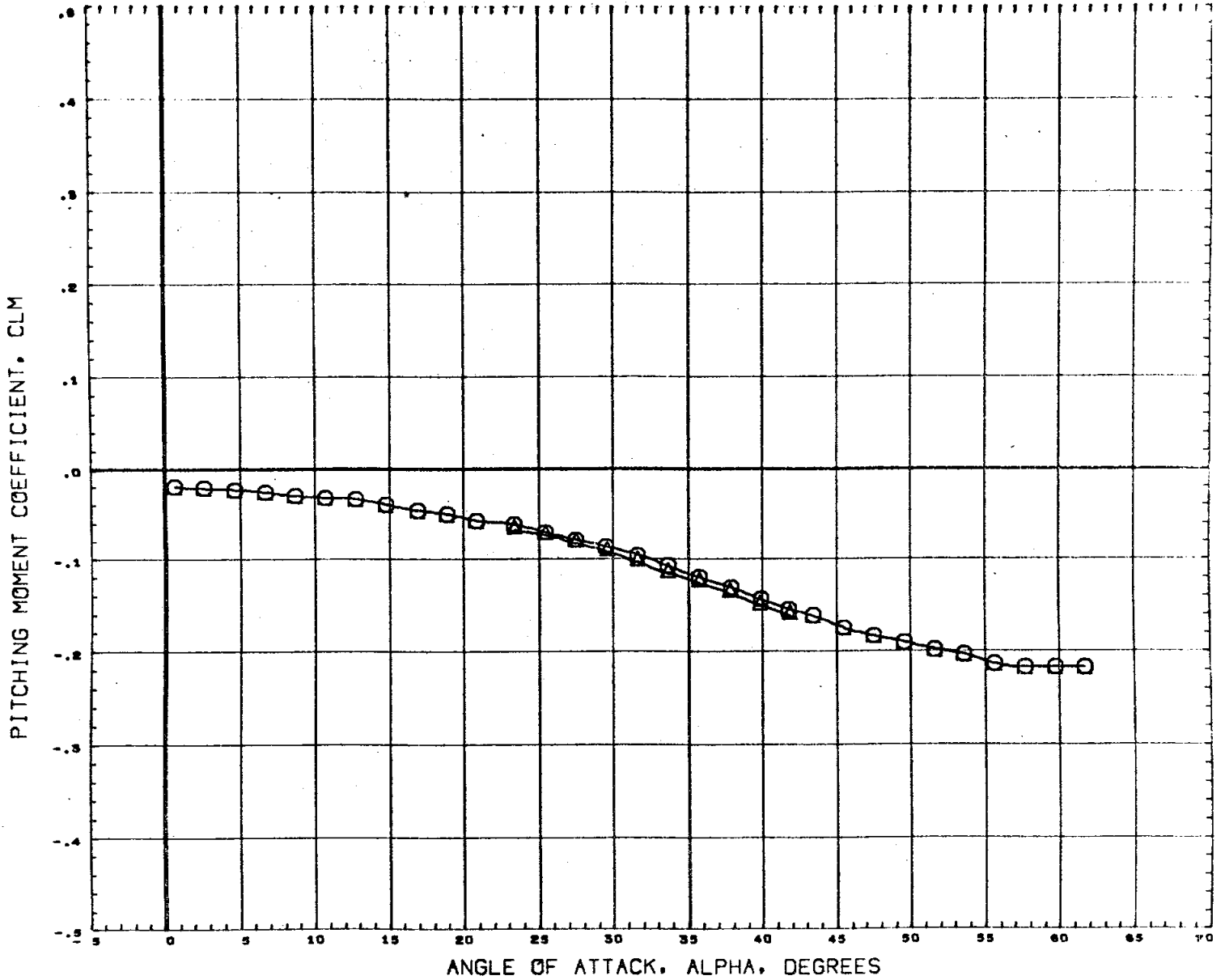
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION	
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

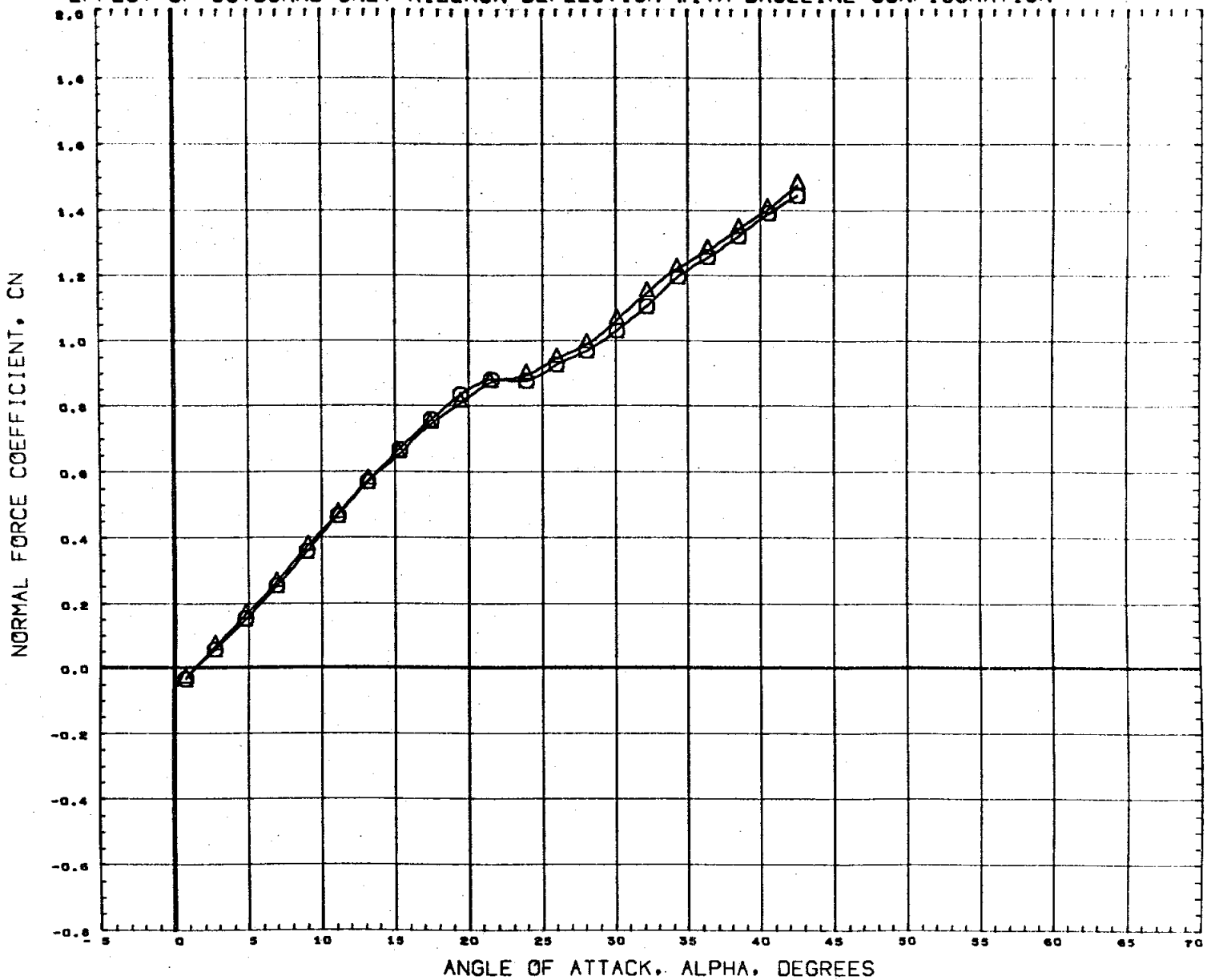
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

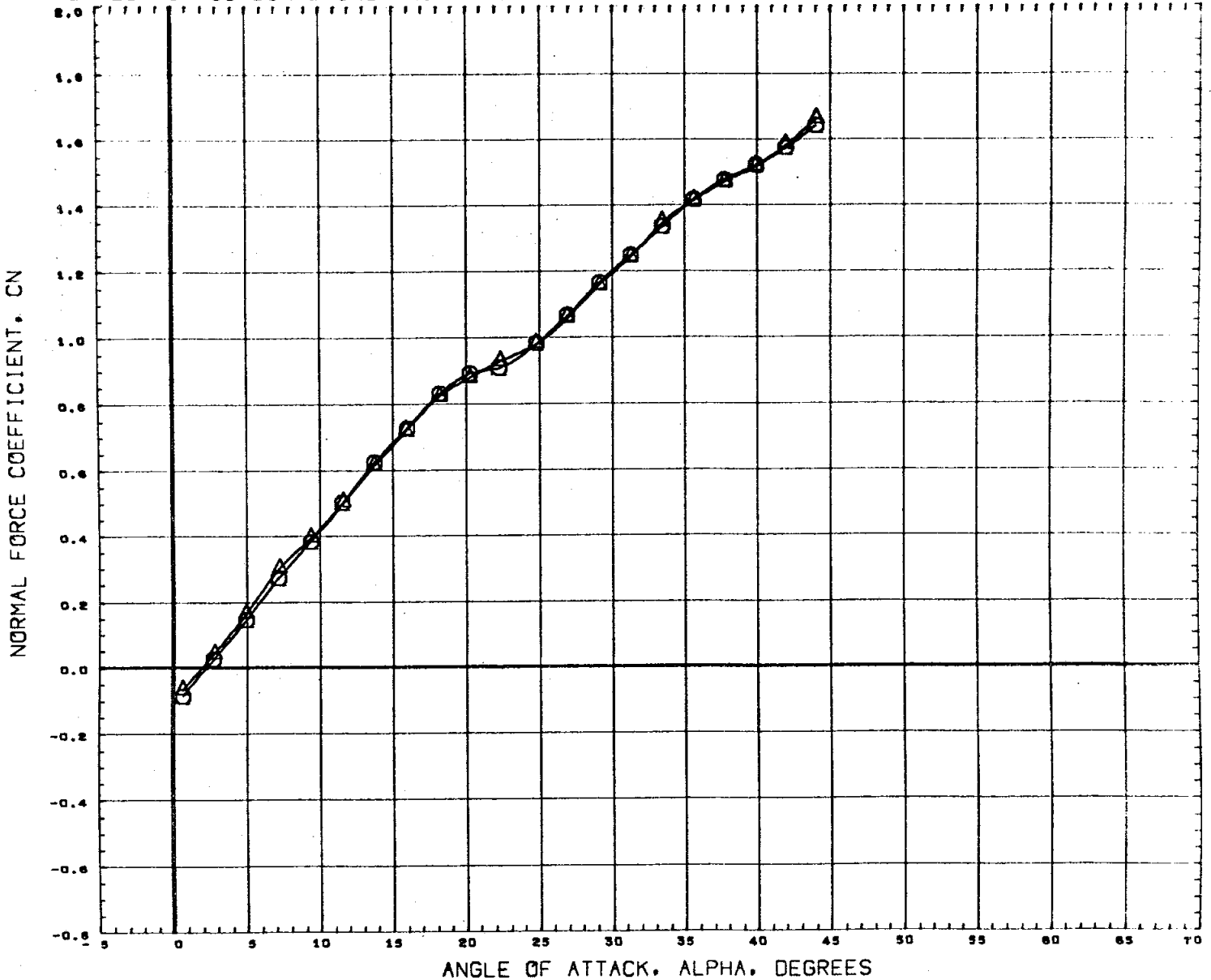


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4536 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

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# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

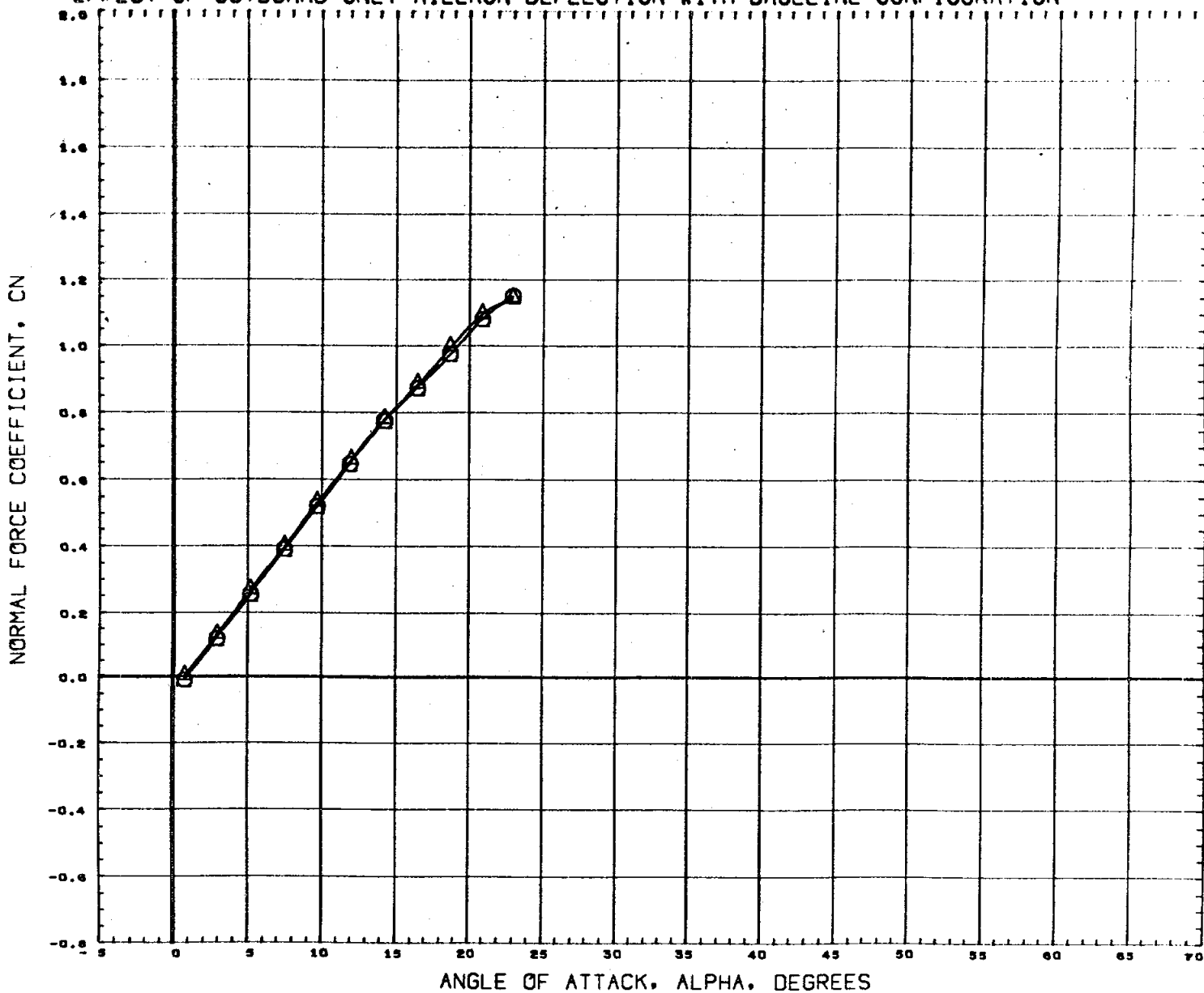


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76S21)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



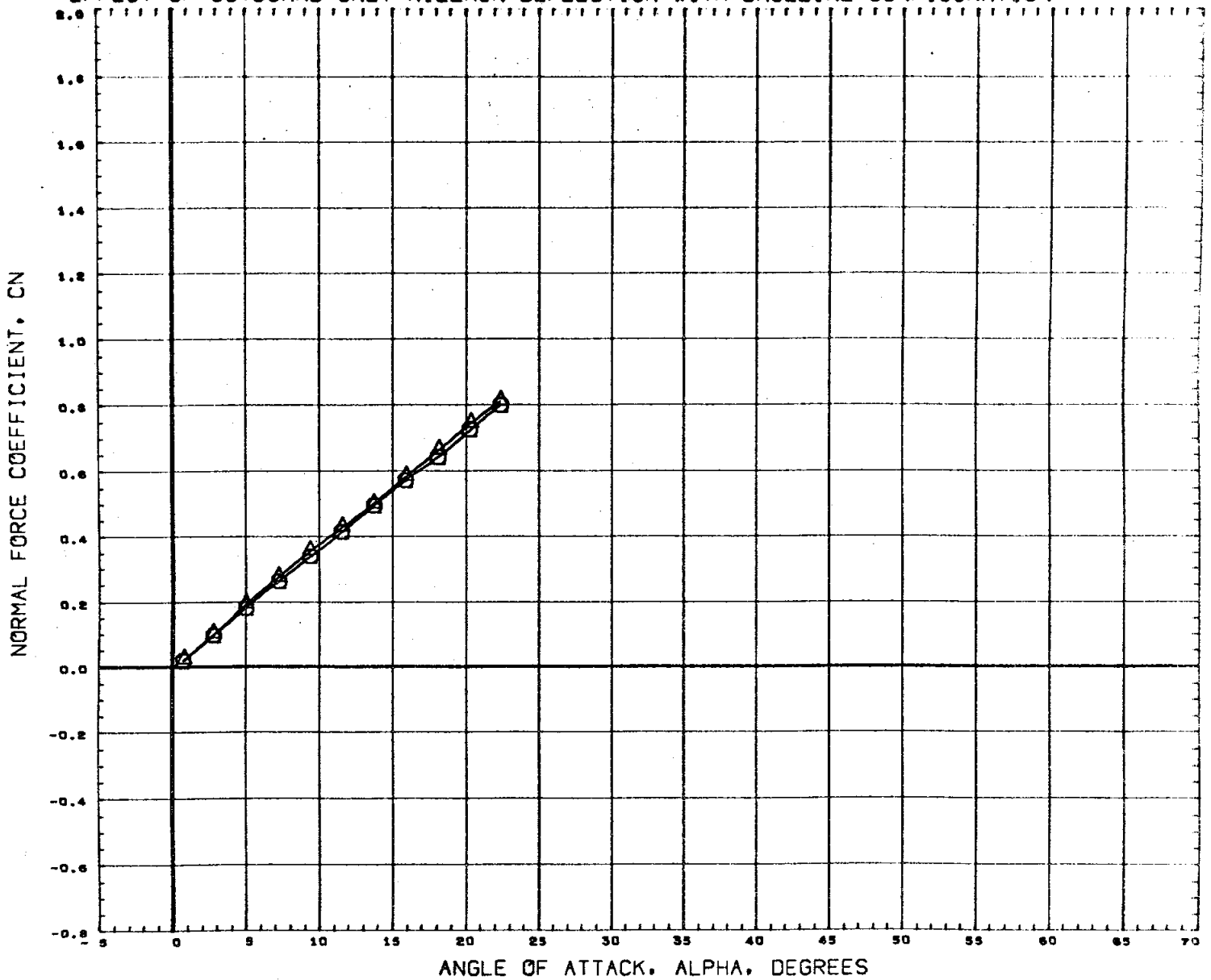
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4330 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

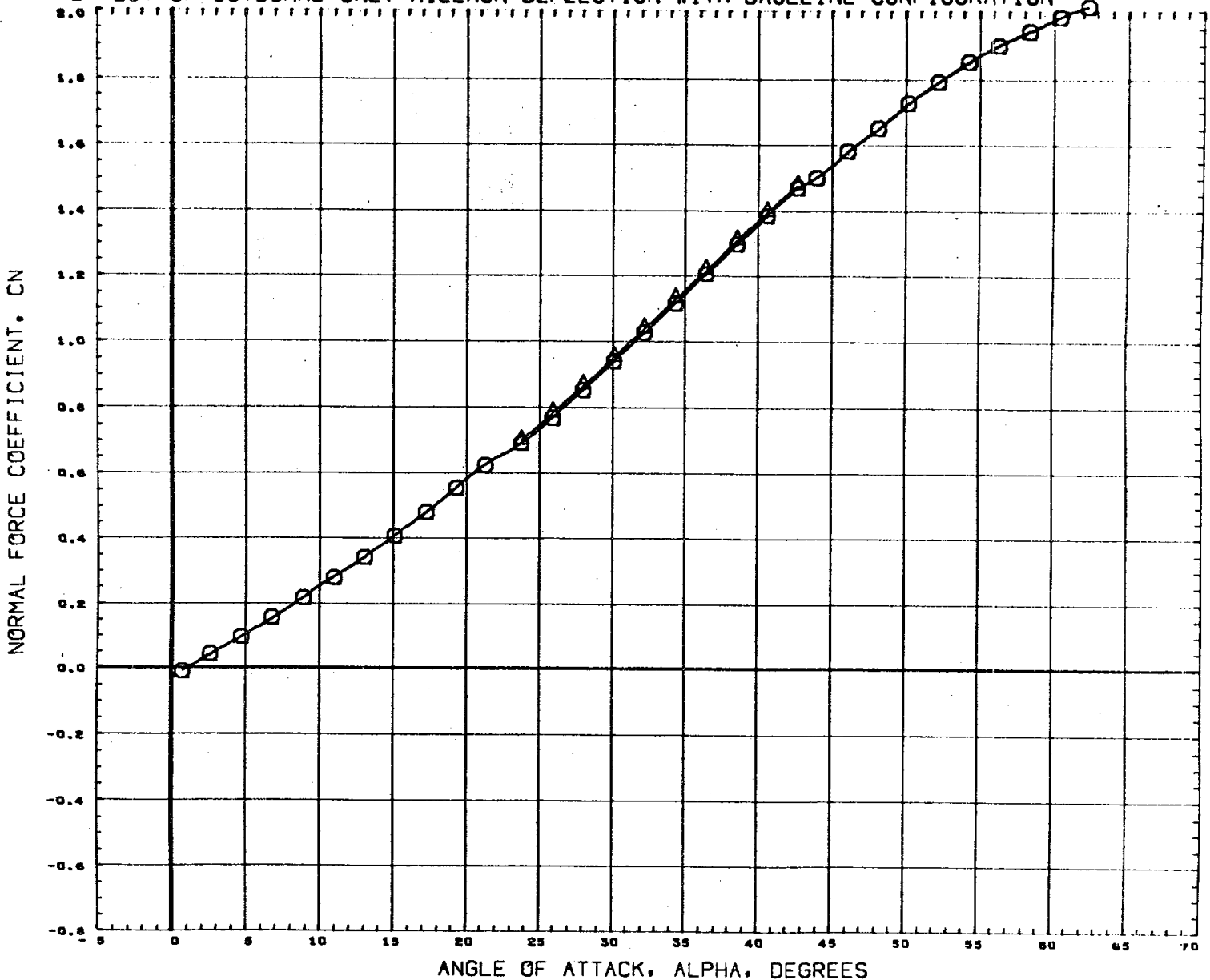


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76521)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

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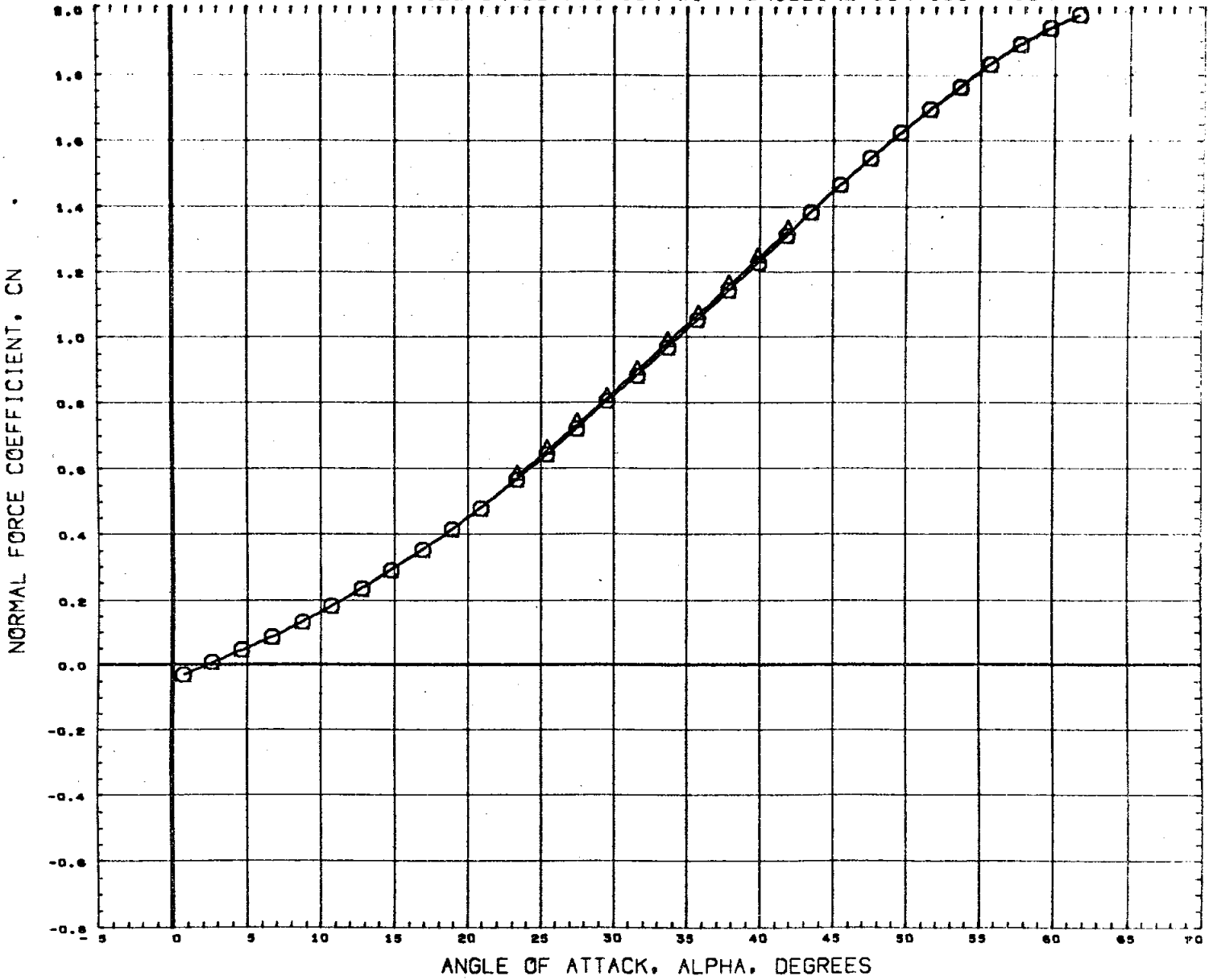
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

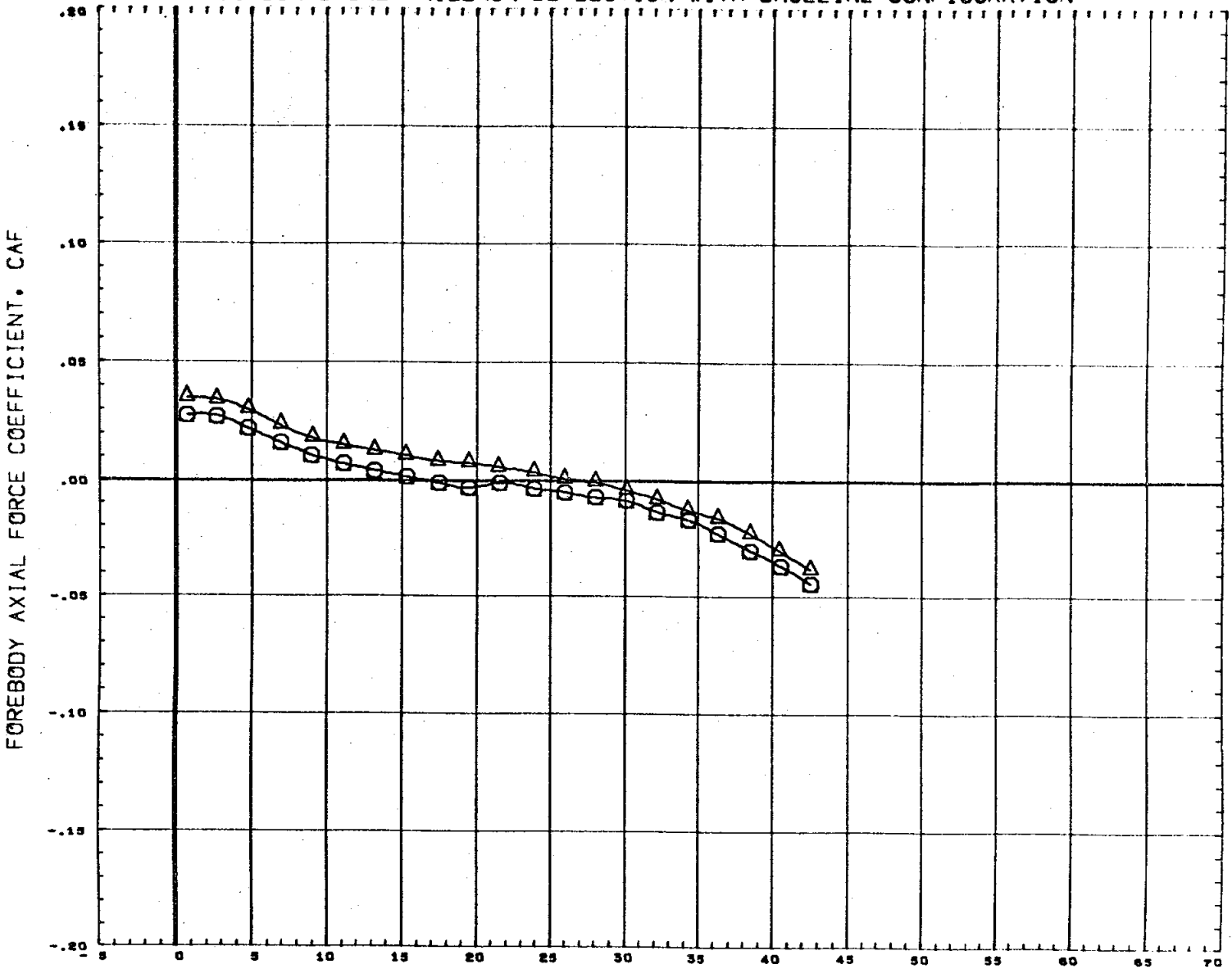


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 30. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 4.96

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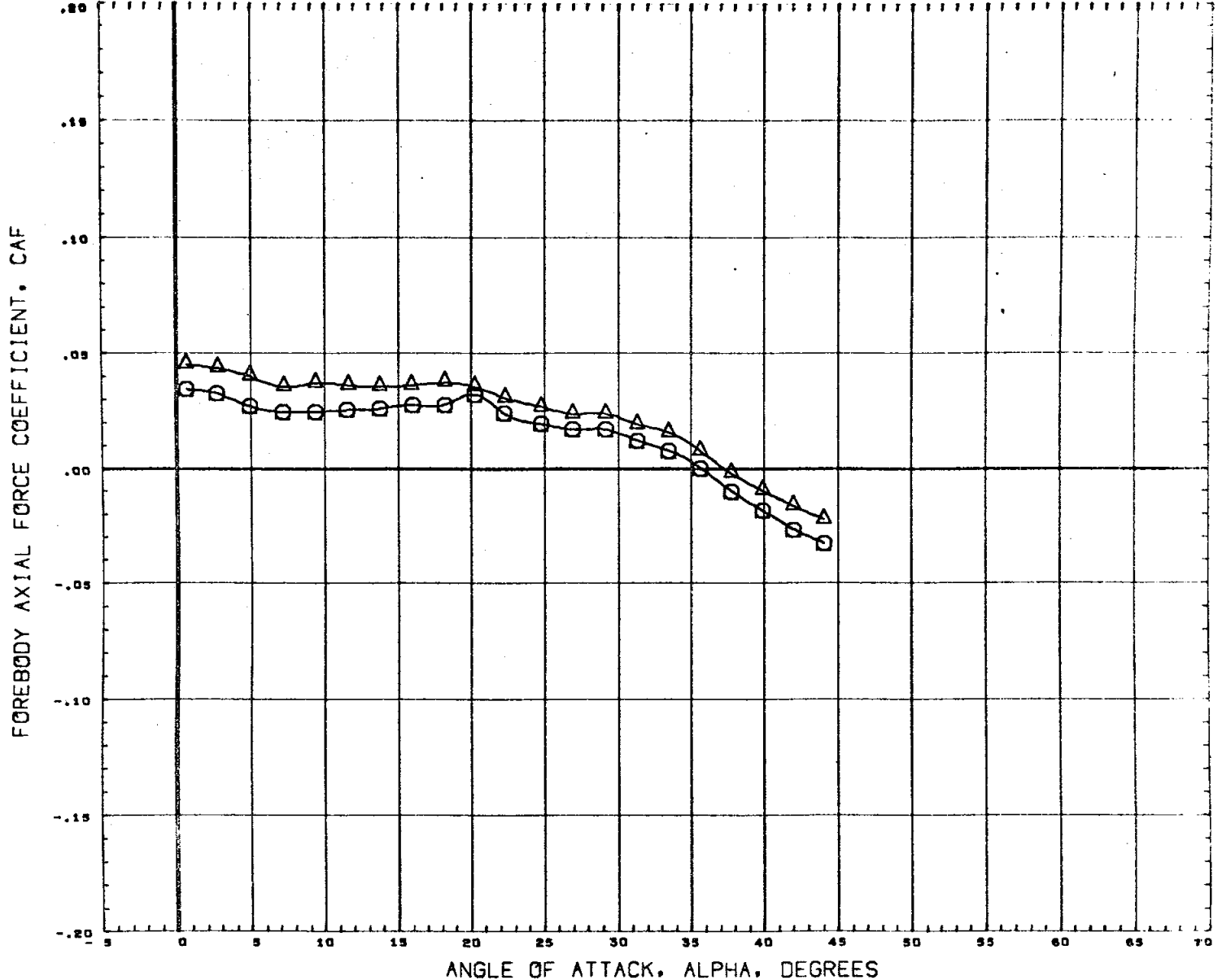
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C7630S)	○ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

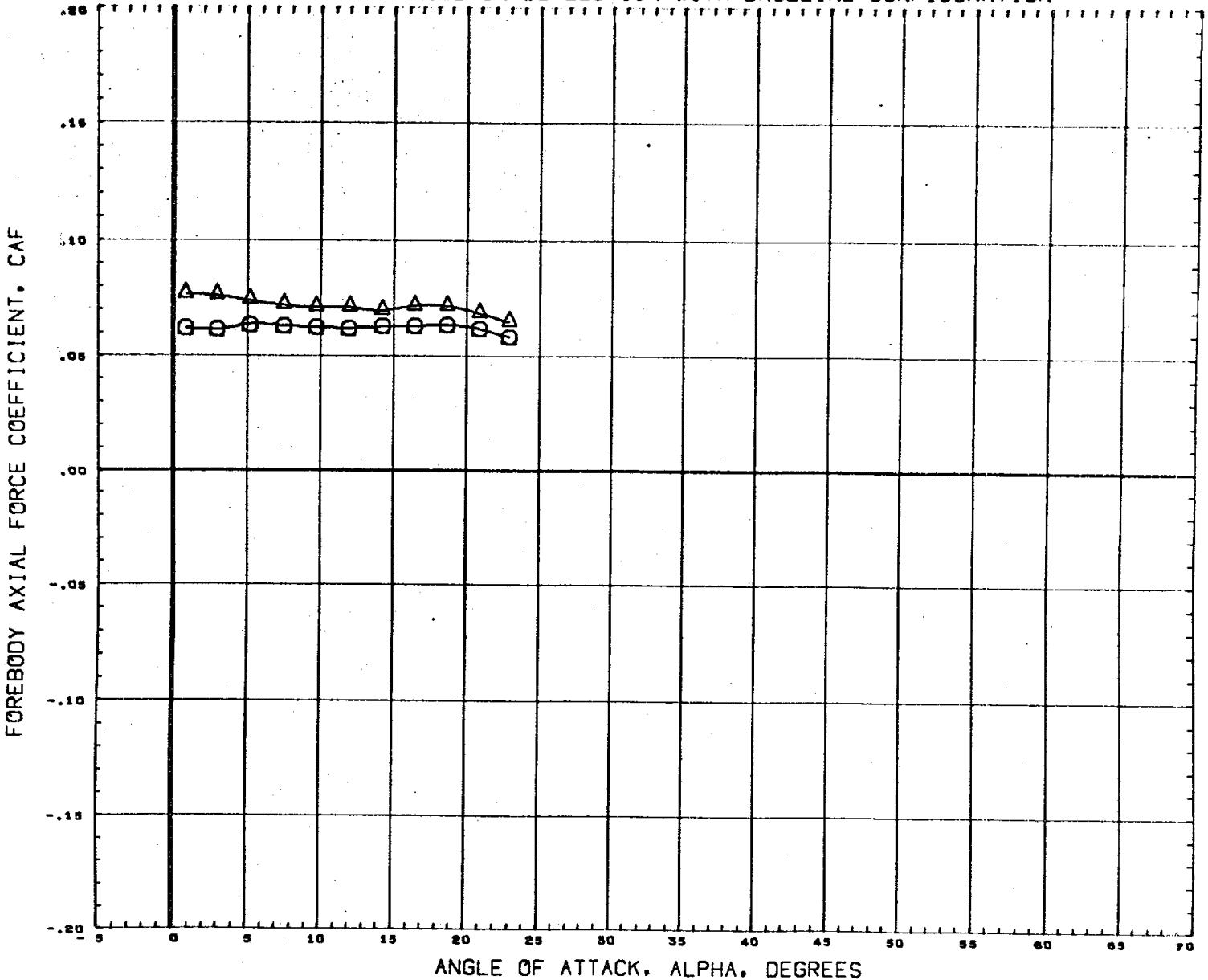
EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

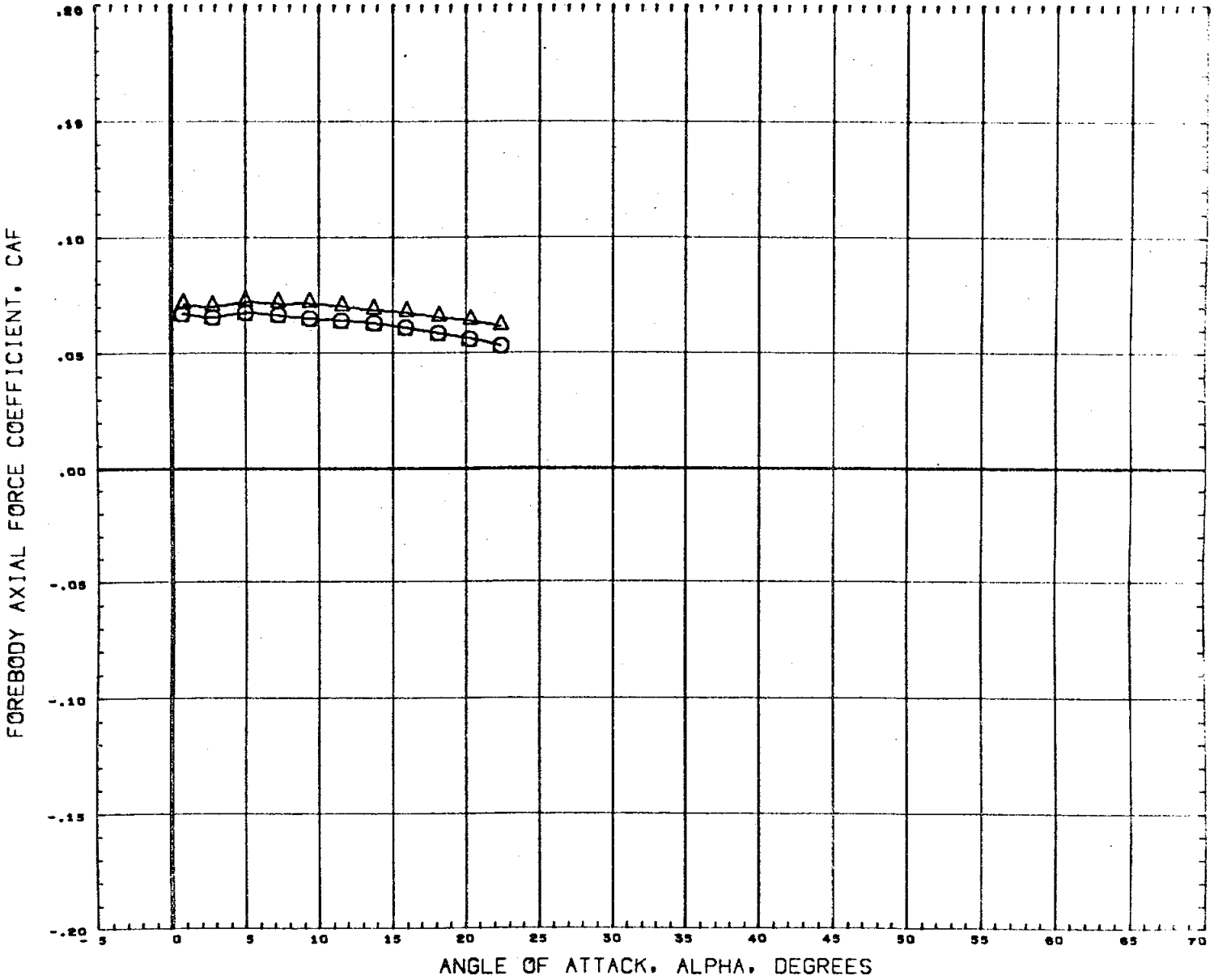
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

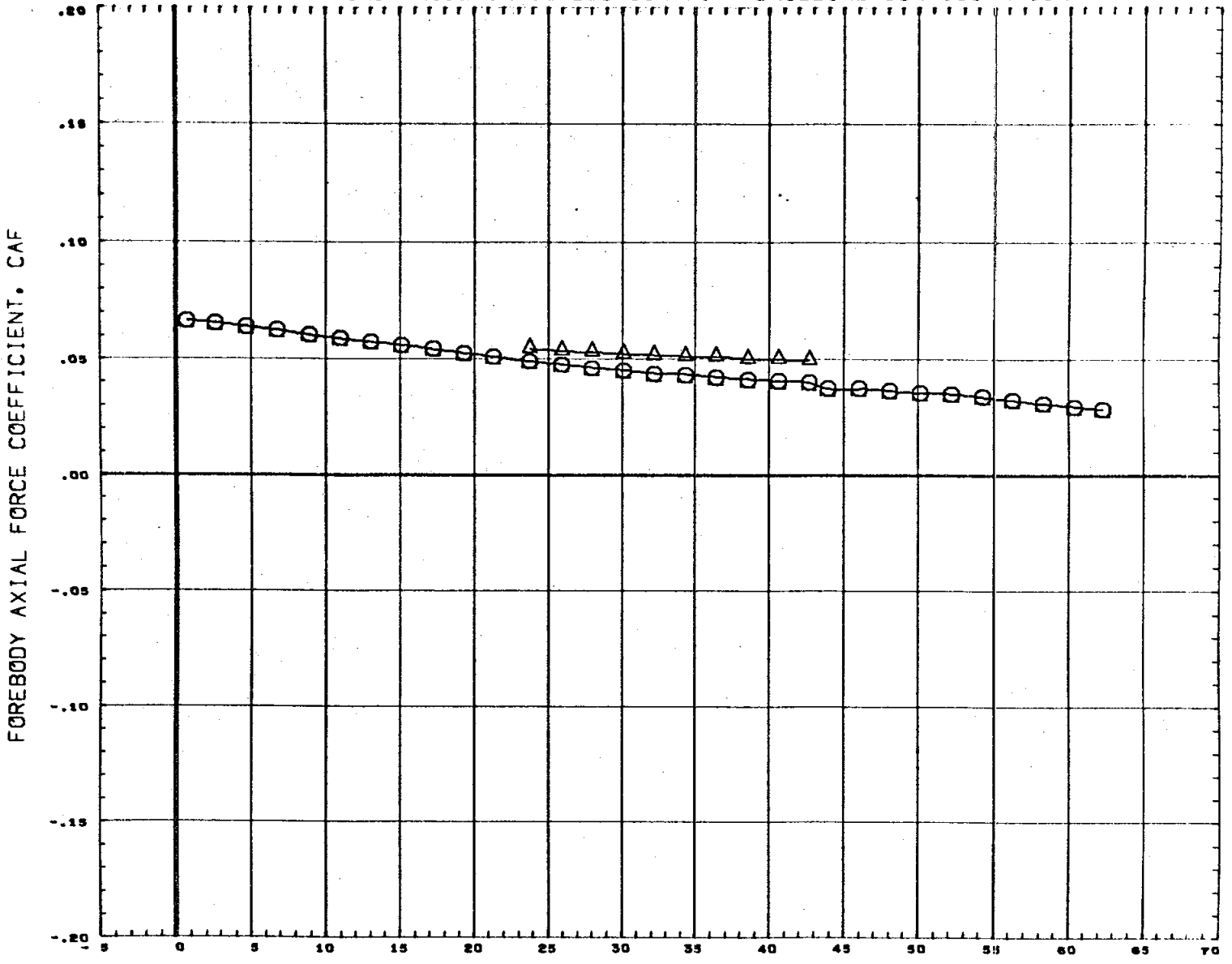


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
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MACH 1.97



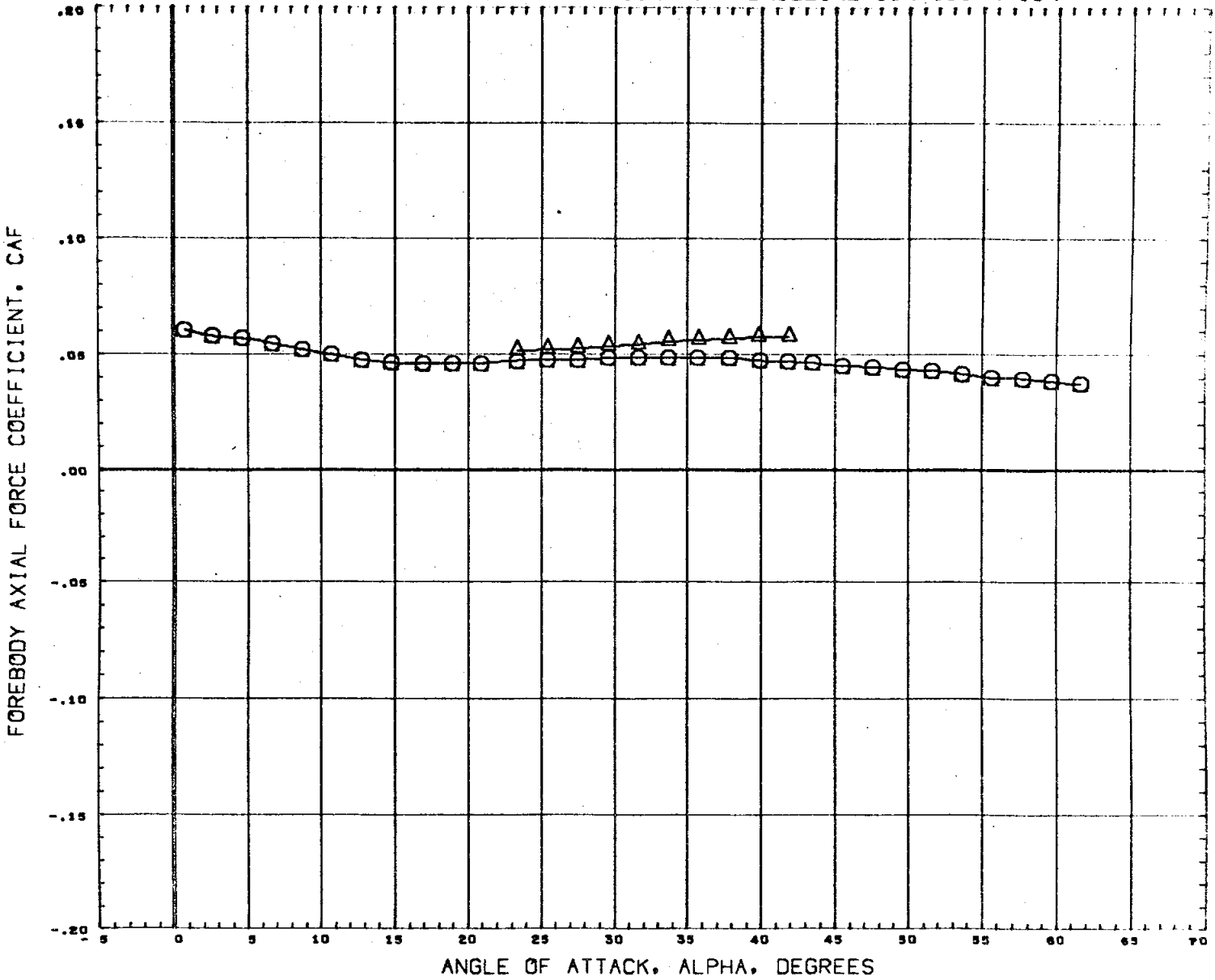
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

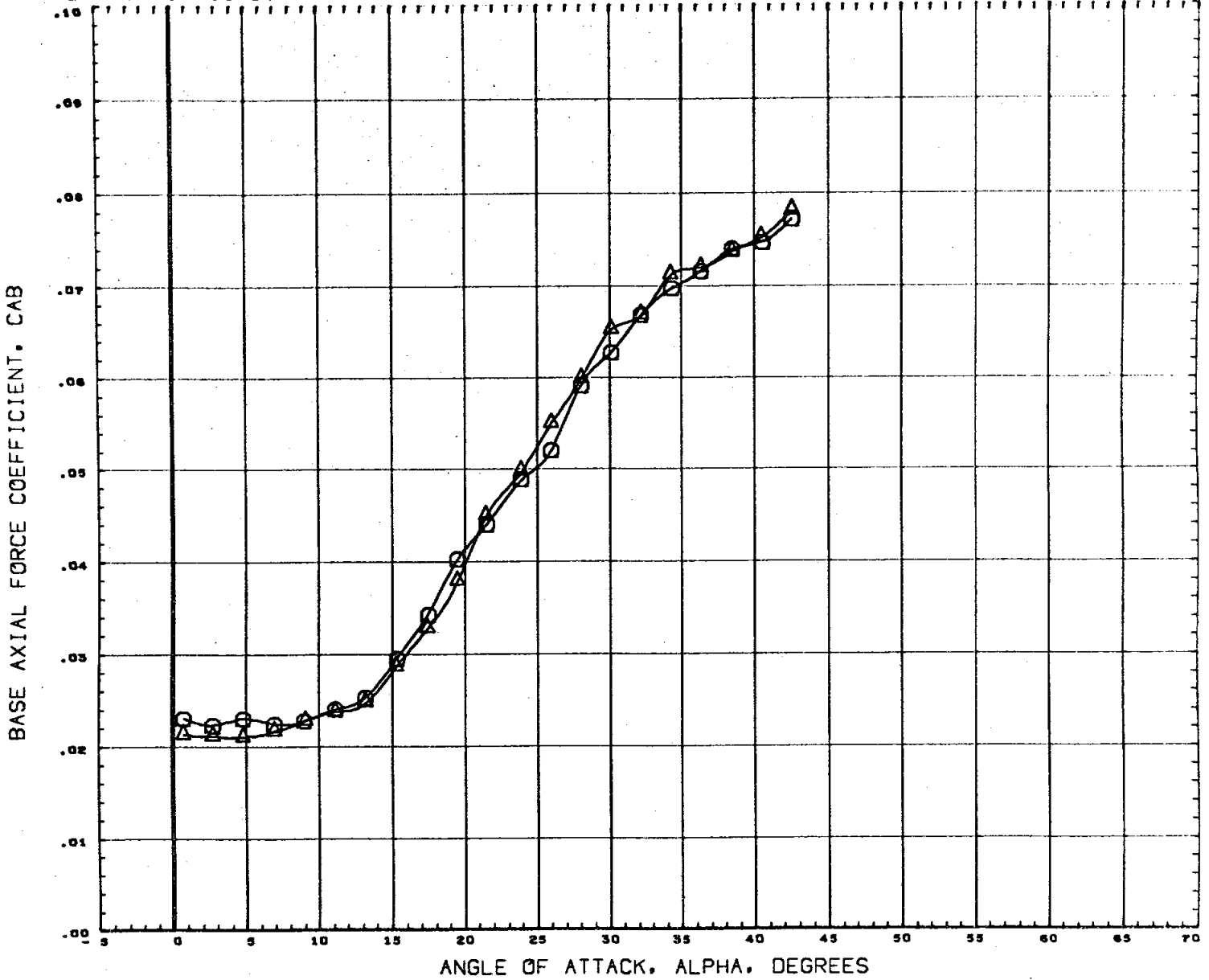


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

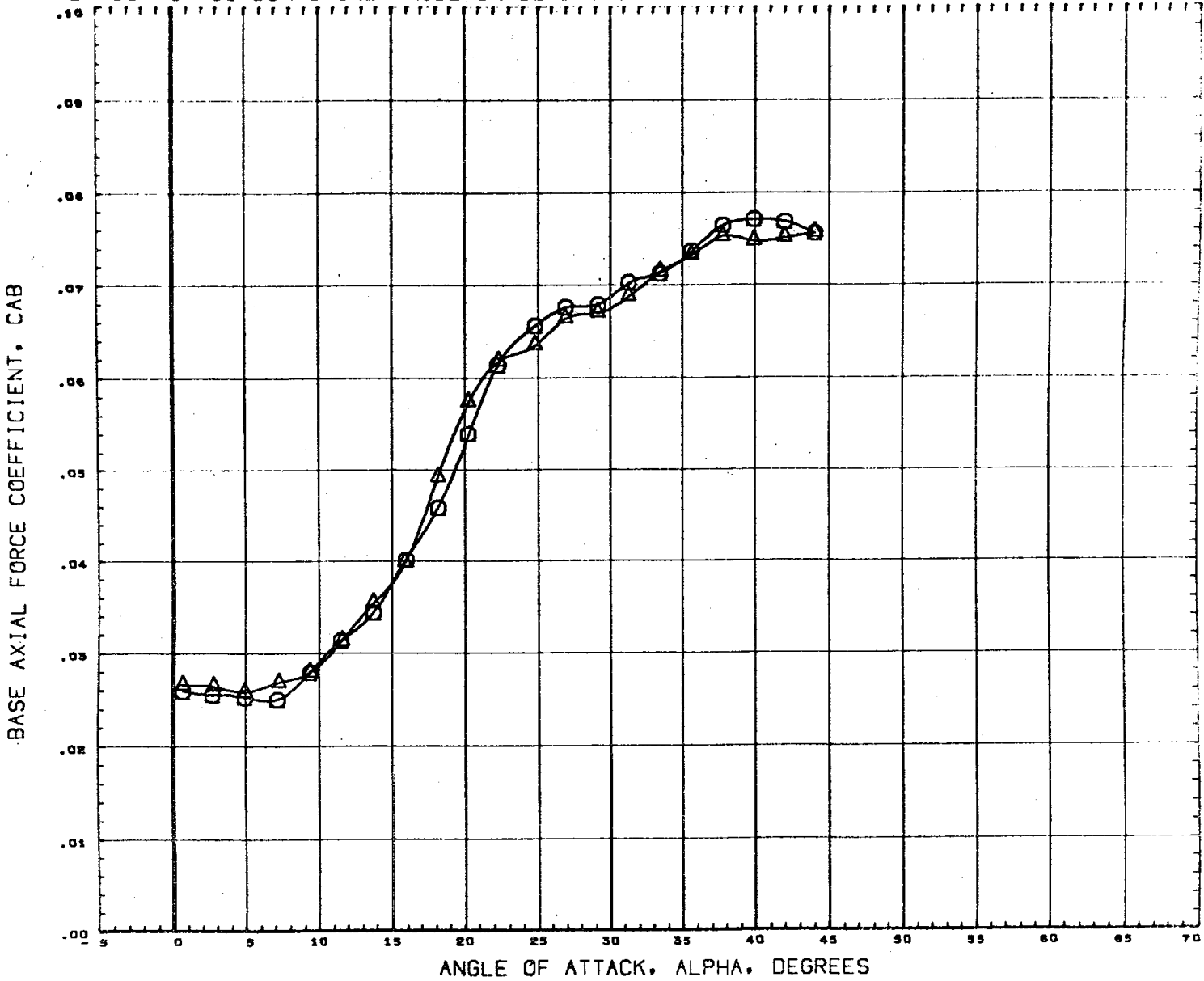
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# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4930 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
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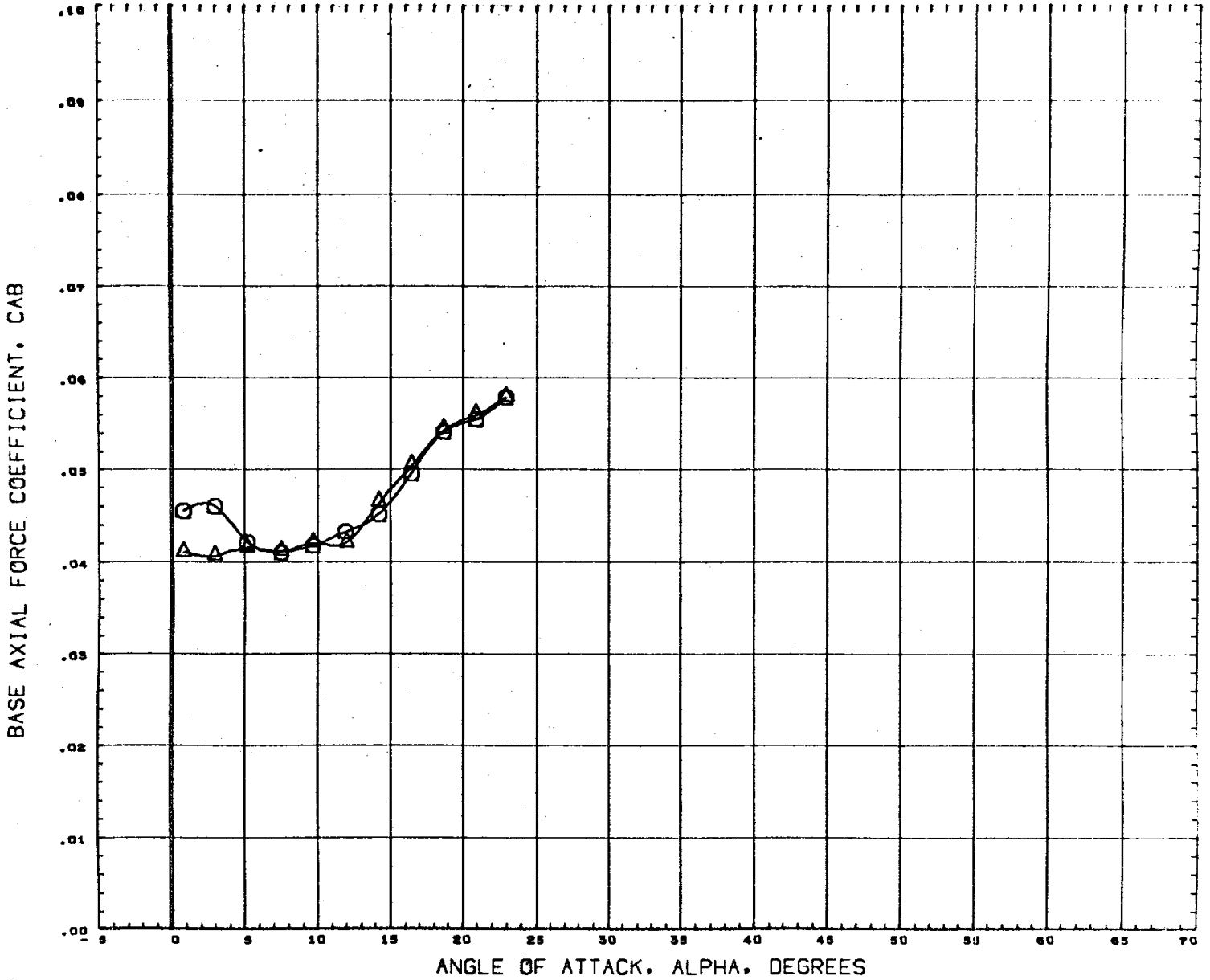
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .90

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

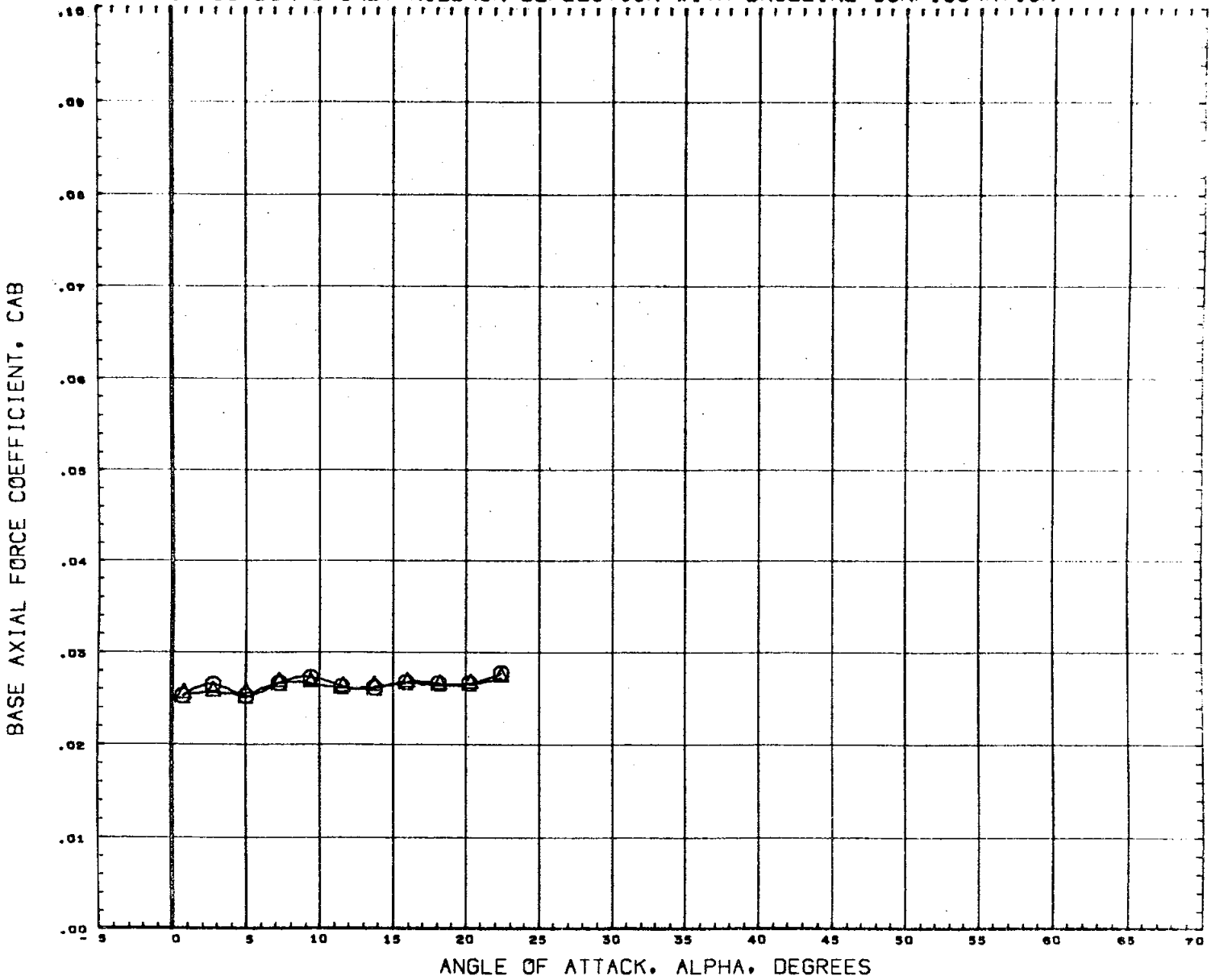


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(C76305)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

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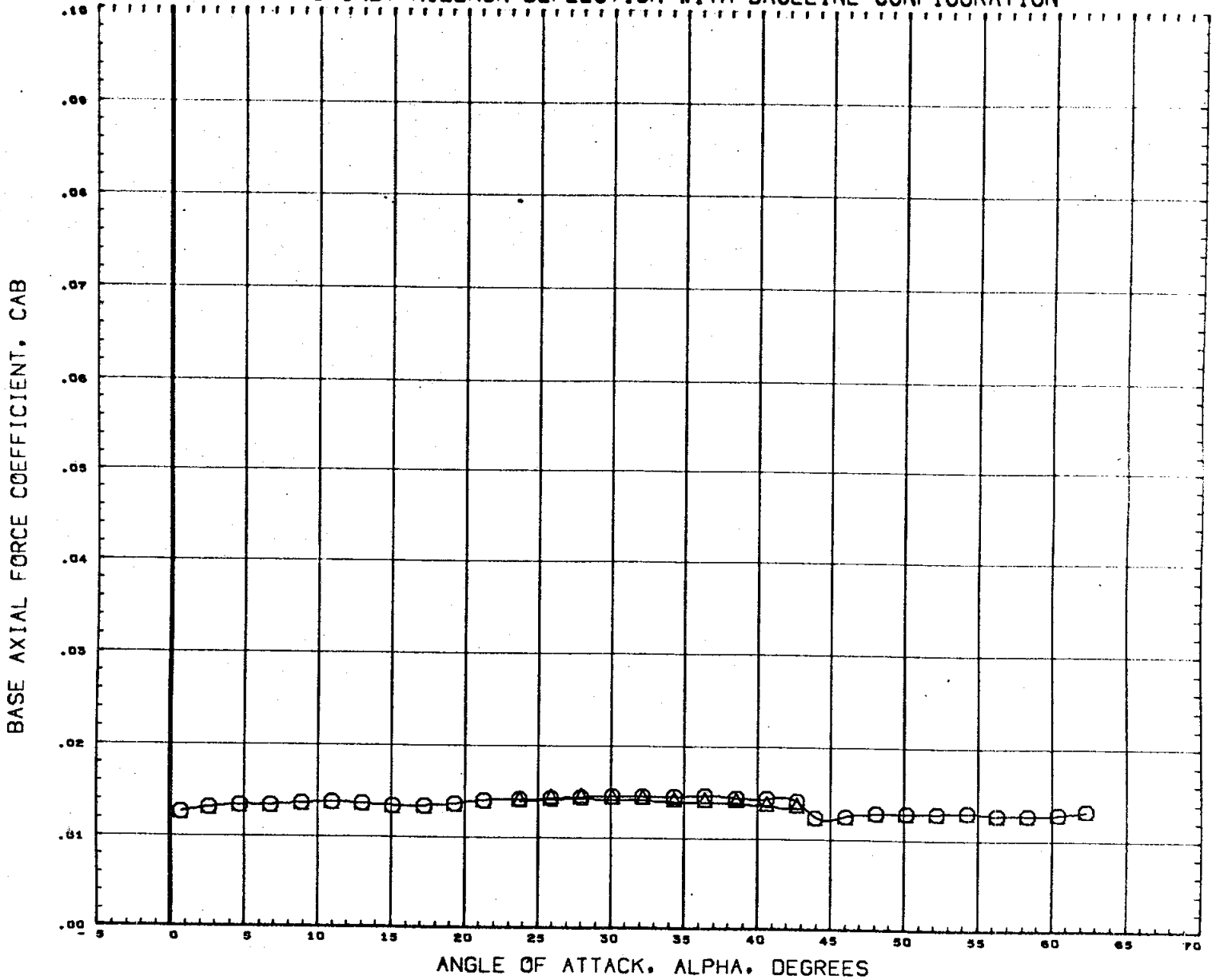
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

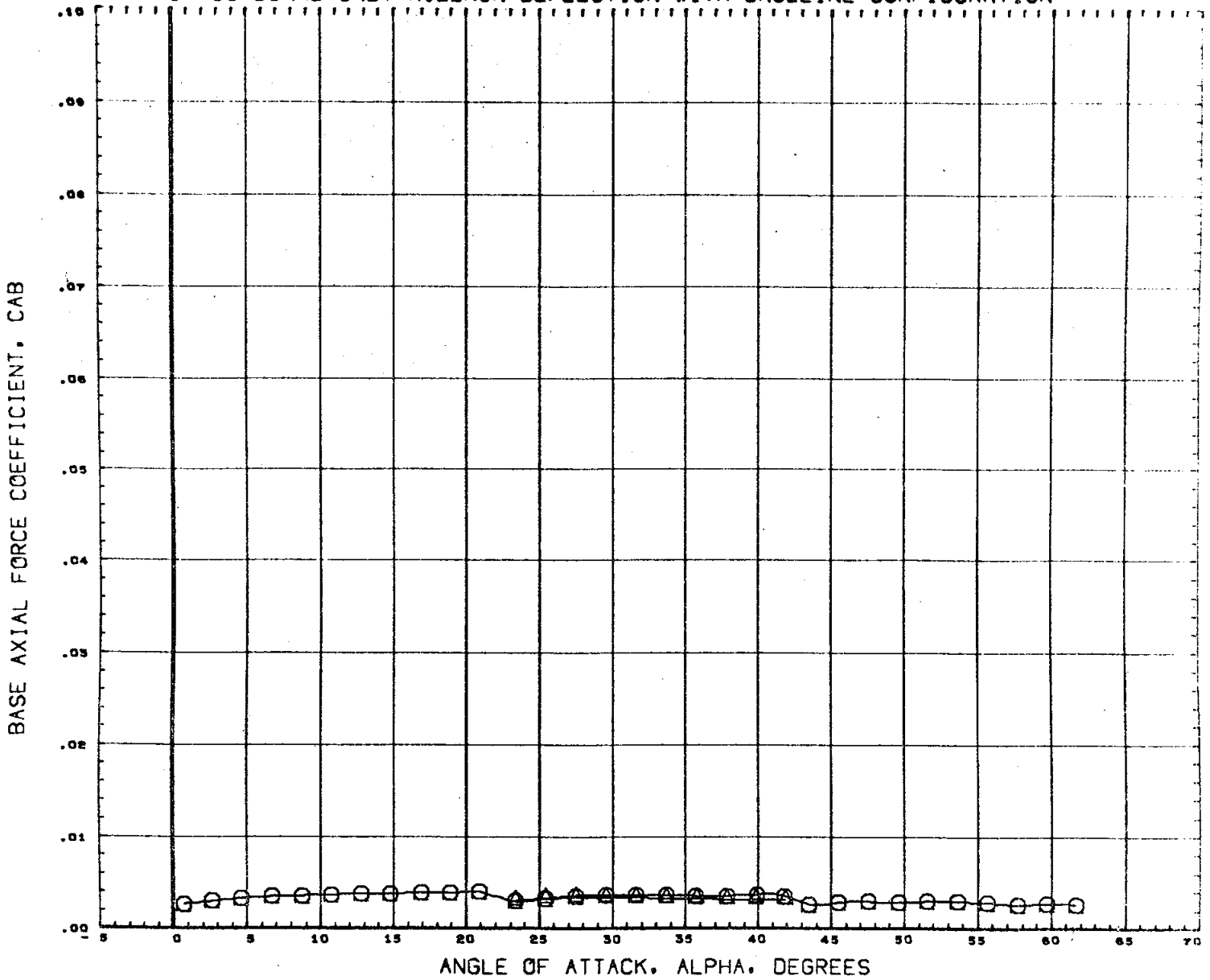
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



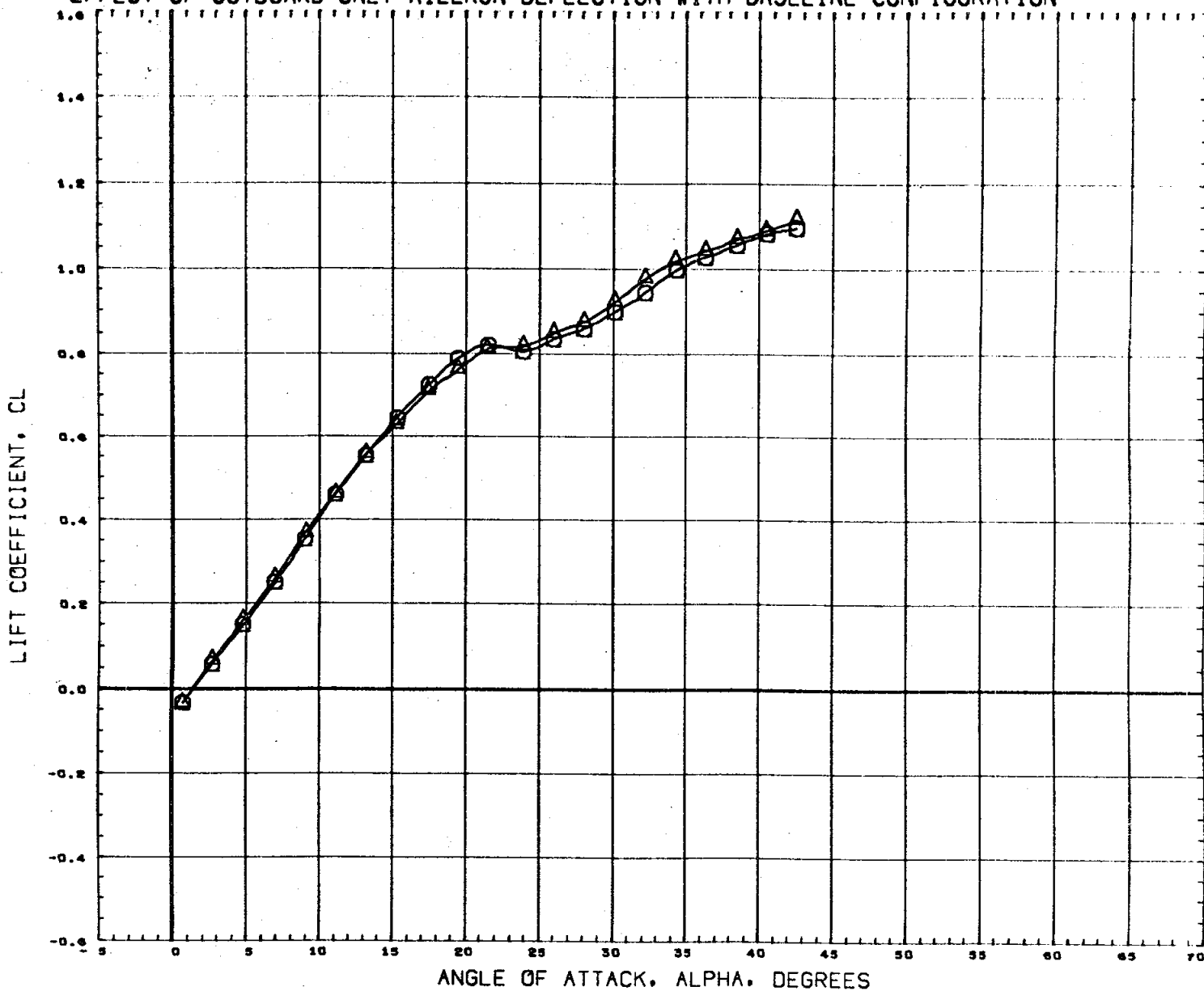
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
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						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

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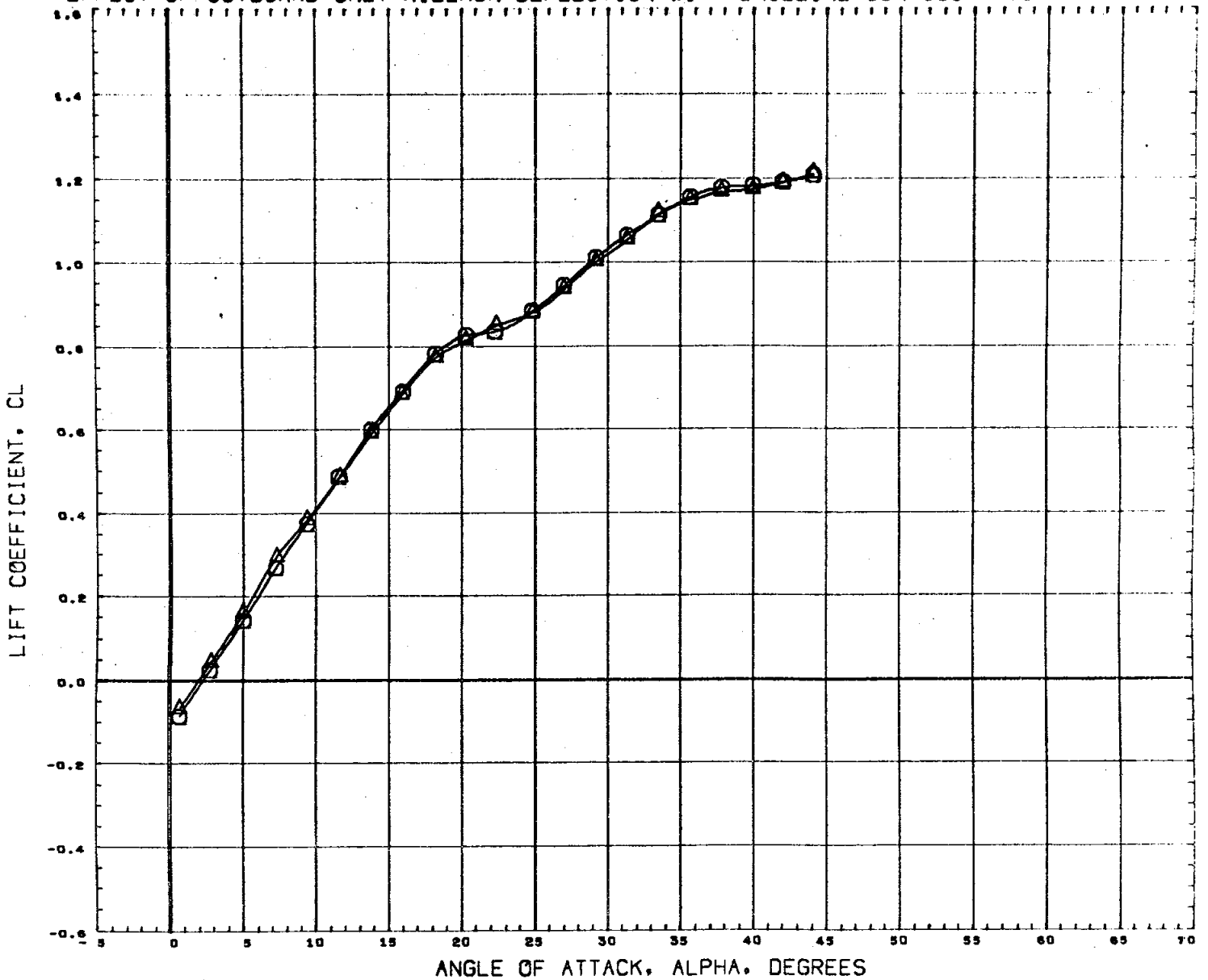
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
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						YMRP 0.0000 IN.
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MACH .59

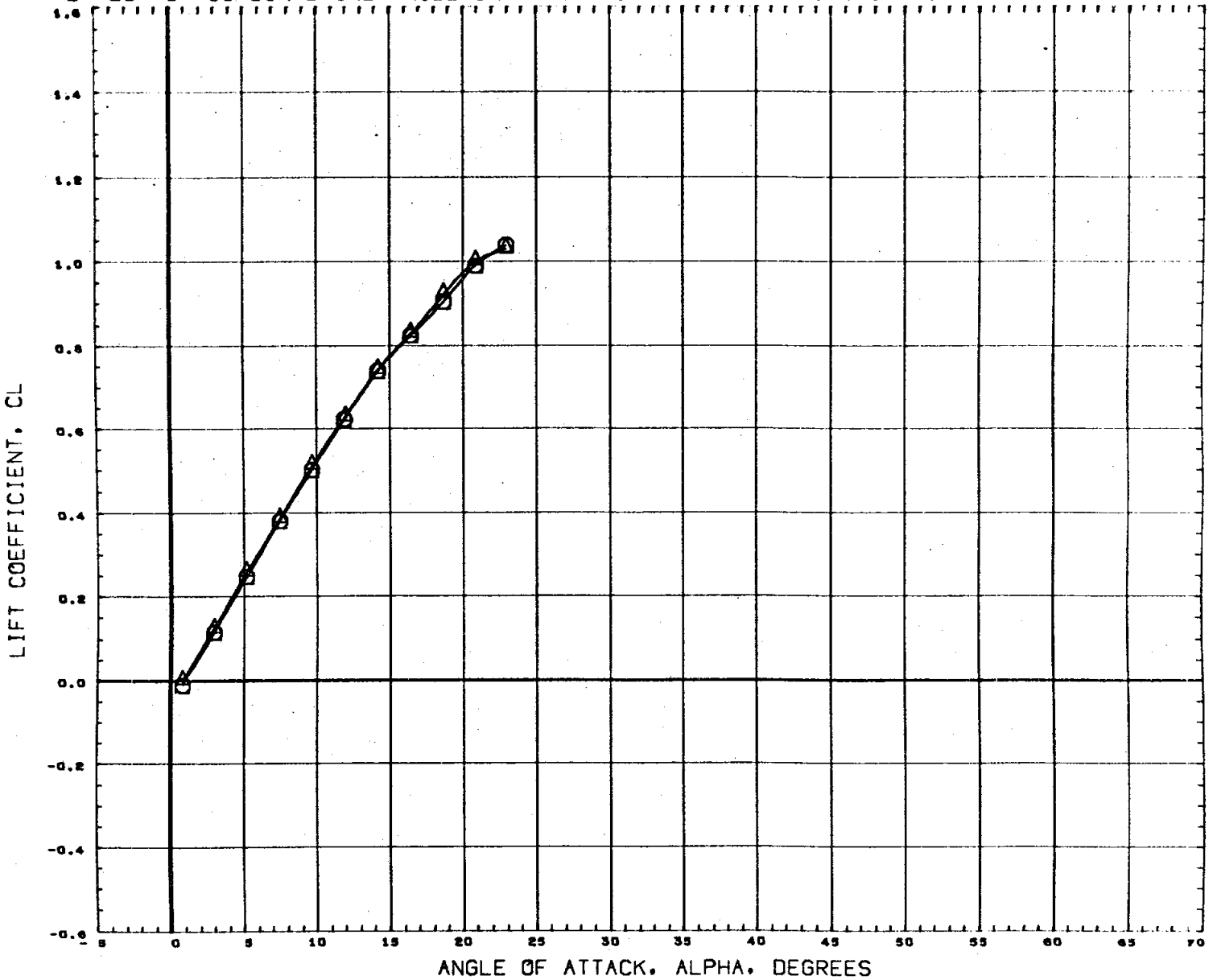
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76303)	M355 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 50. IN.
(C76321)	M355 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4330 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .90

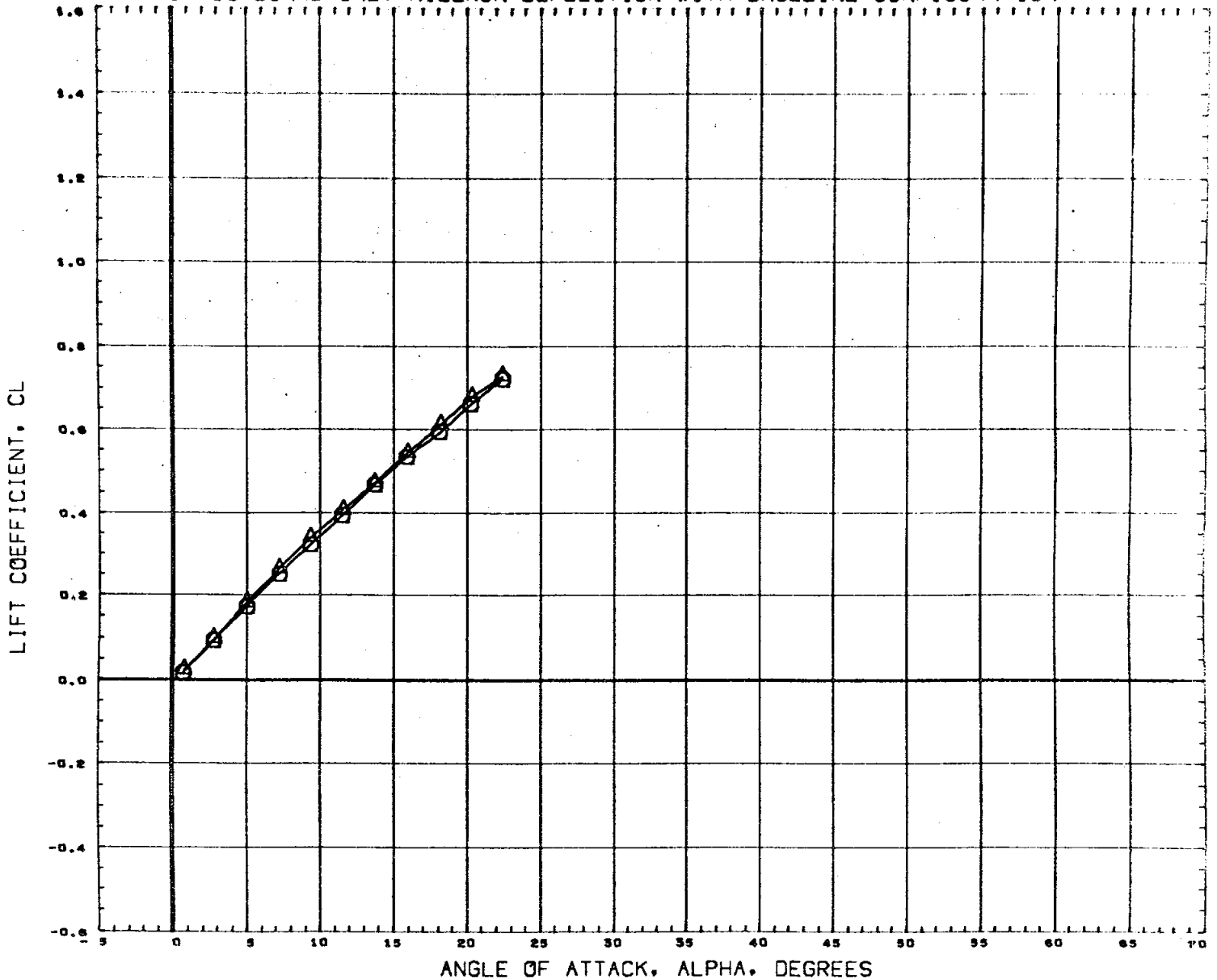
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.20

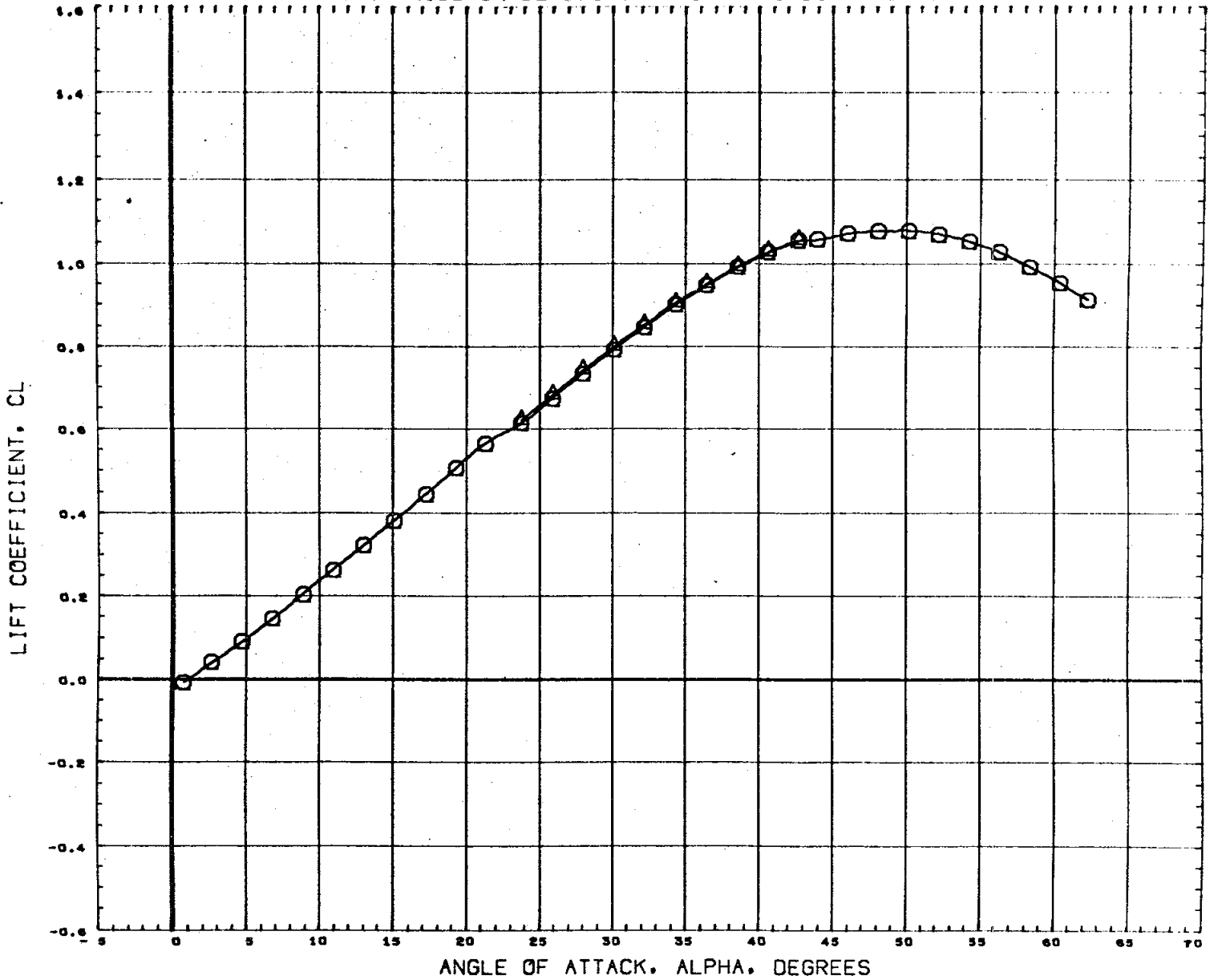
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
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MACH 1.97

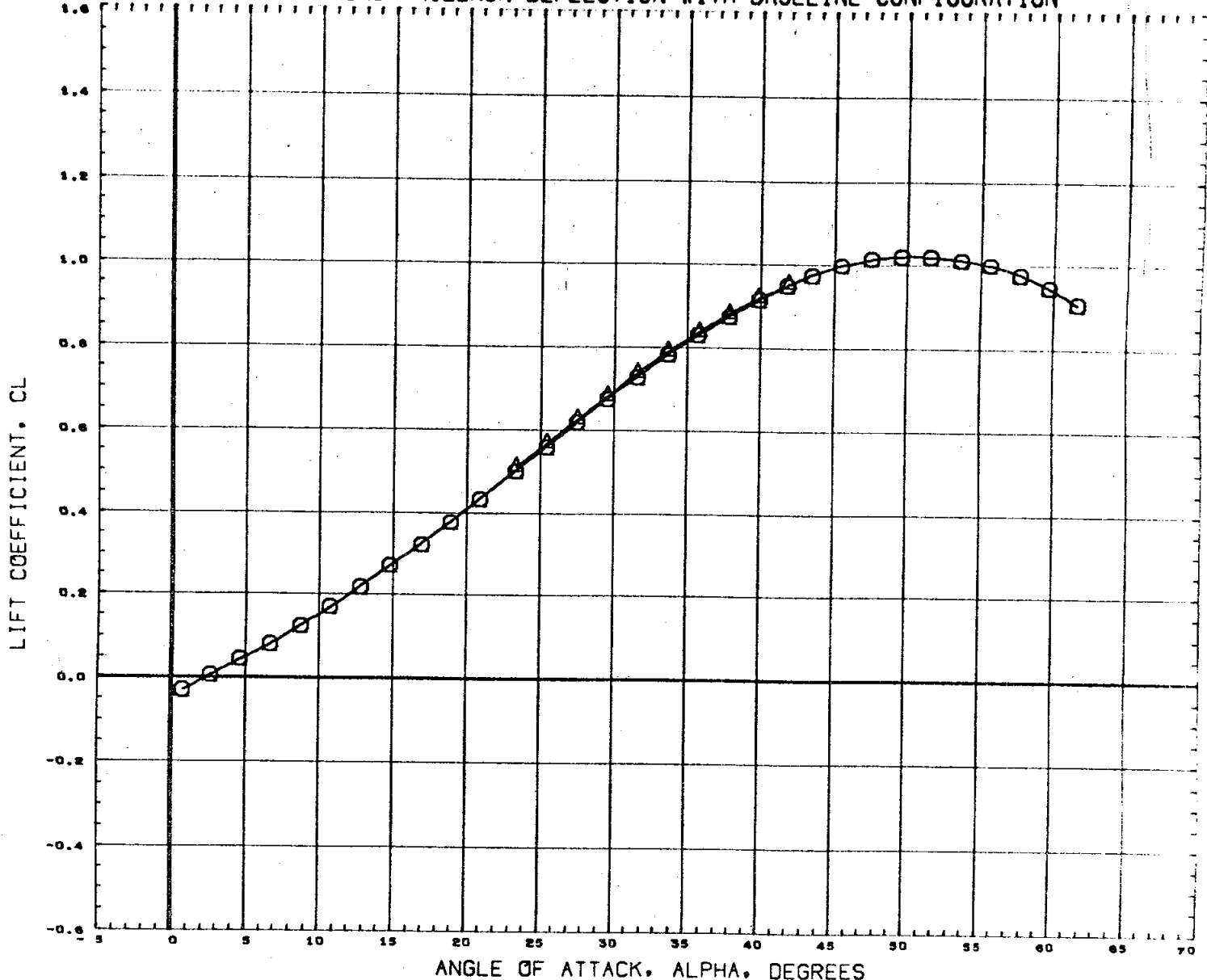
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

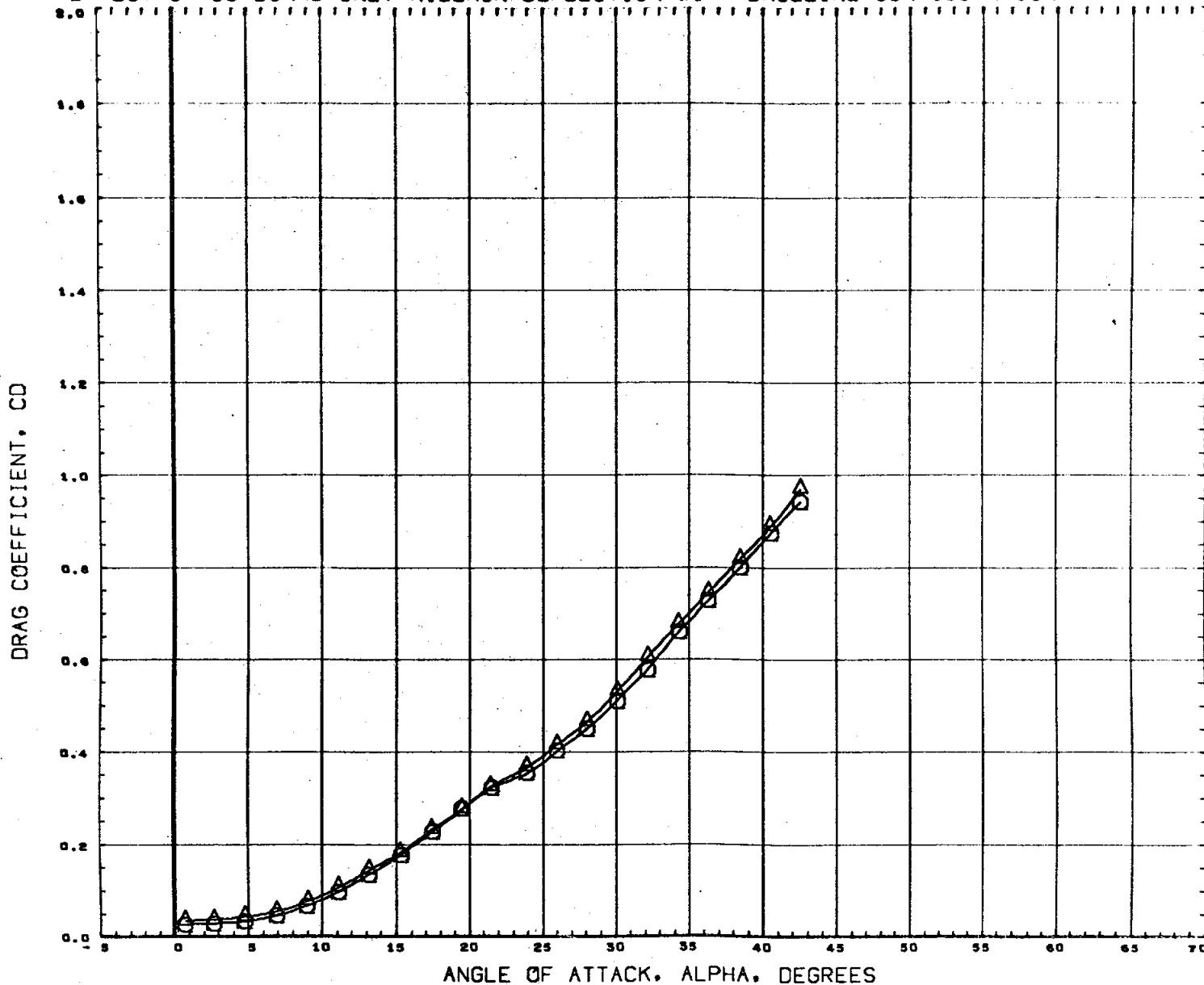
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 4.96

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

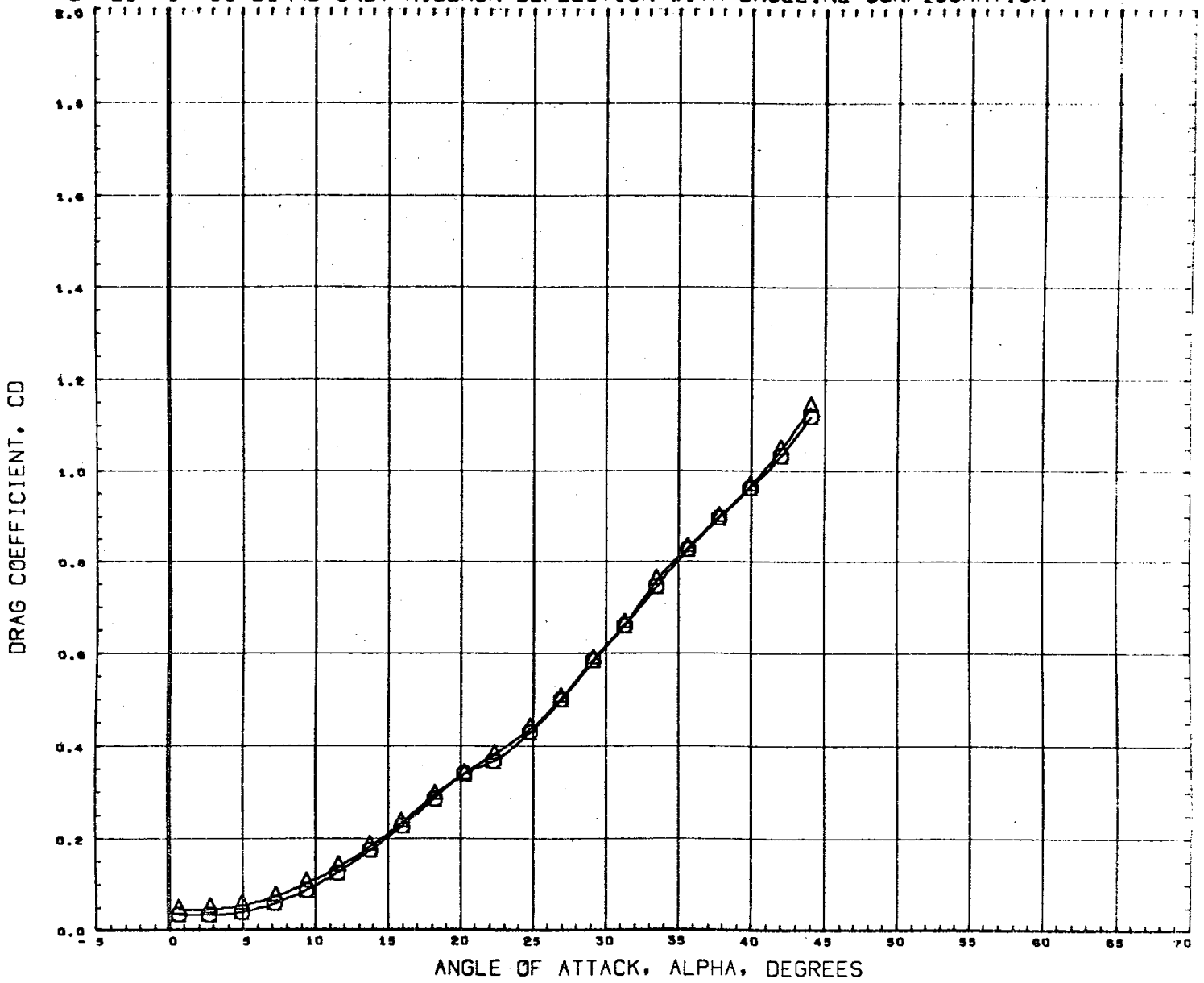


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4930 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

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# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

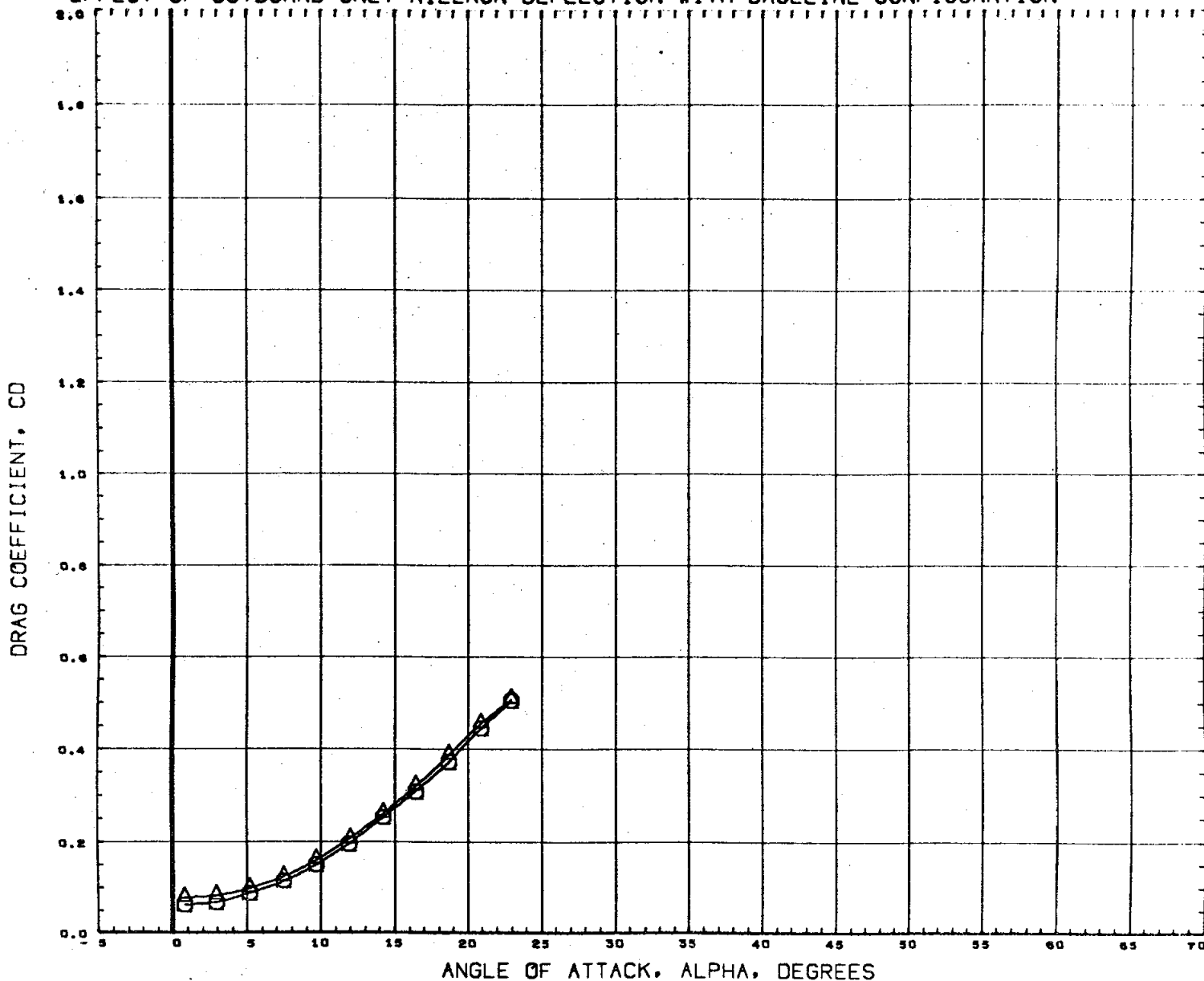


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
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(C76S21)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



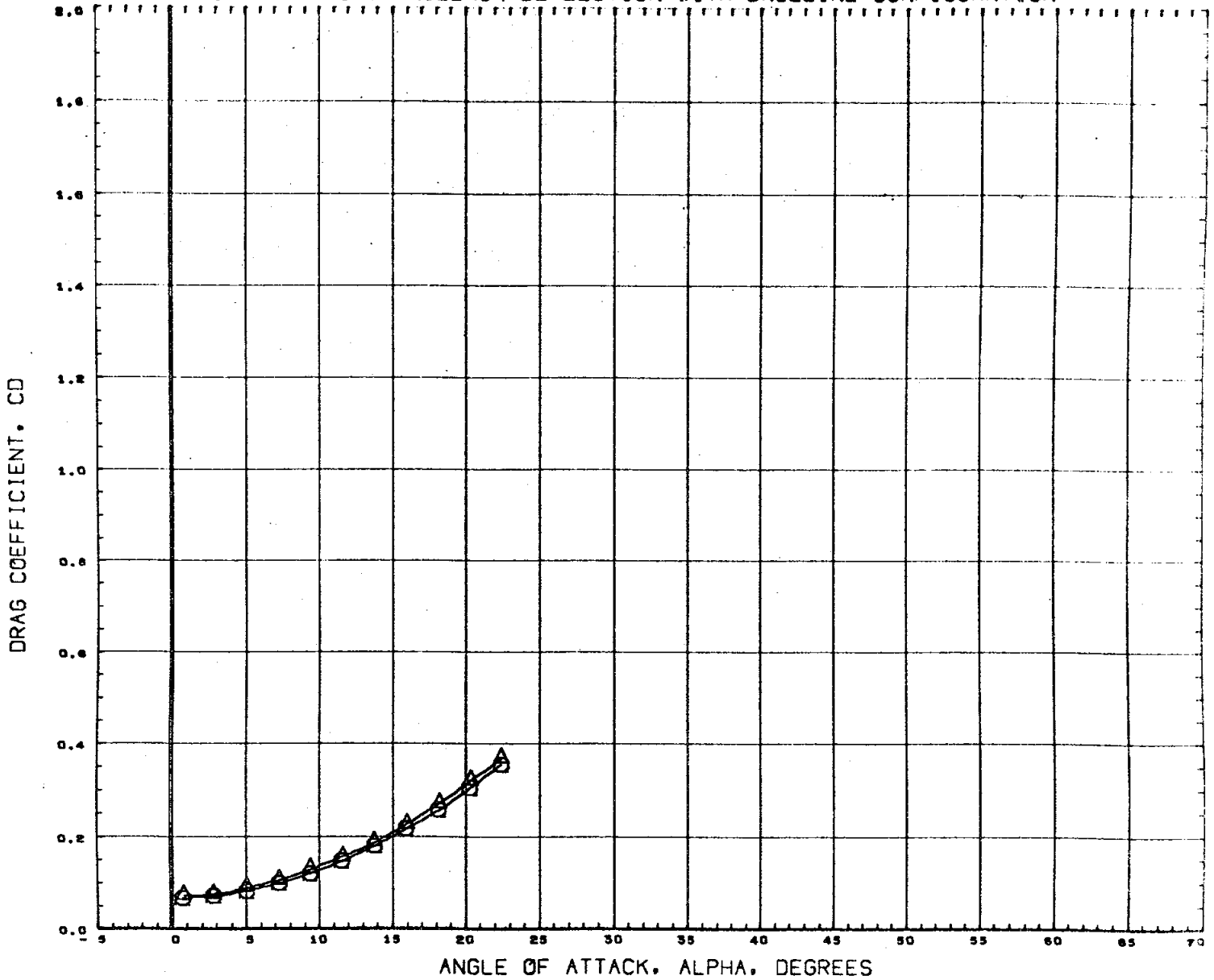
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELY	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

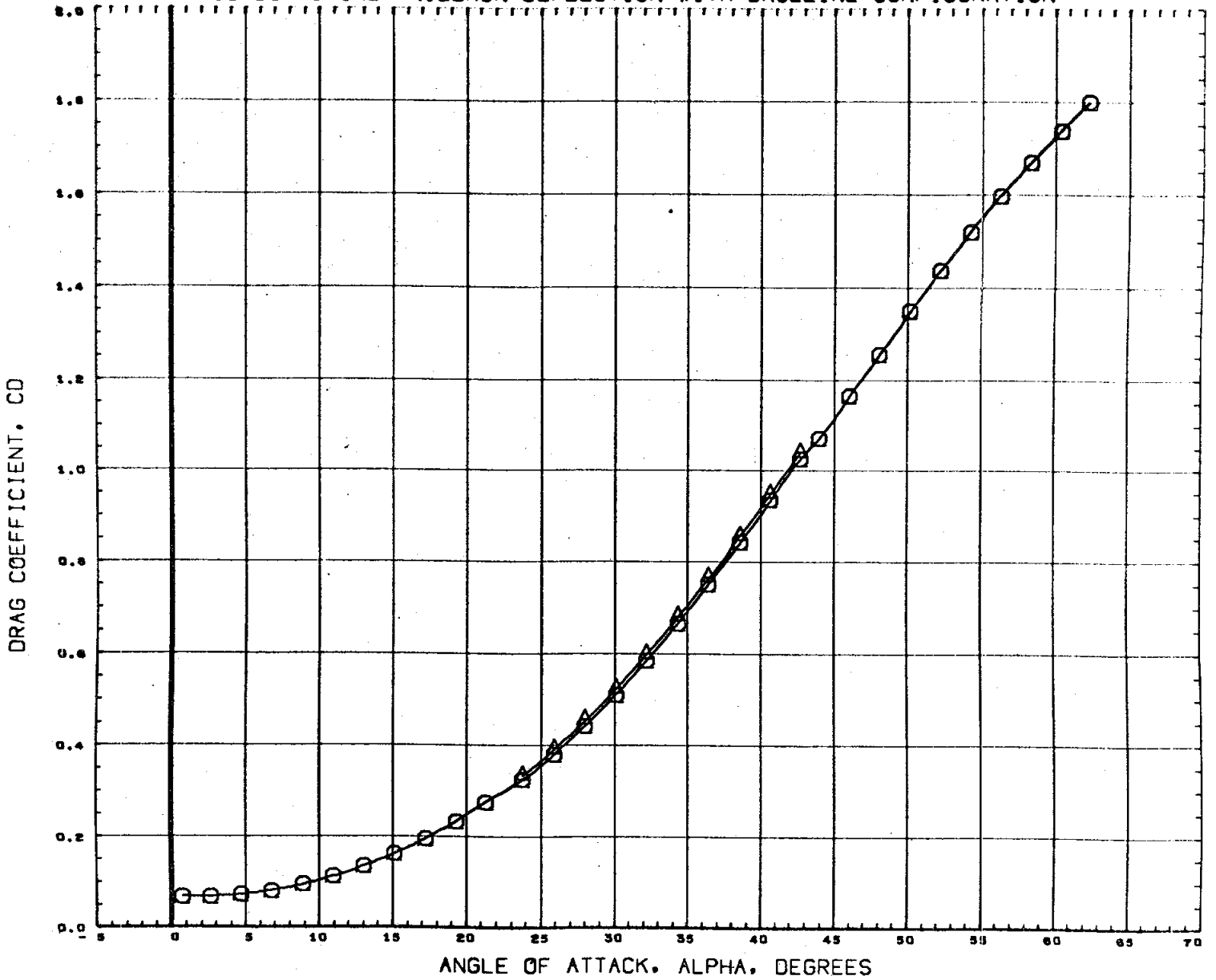
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

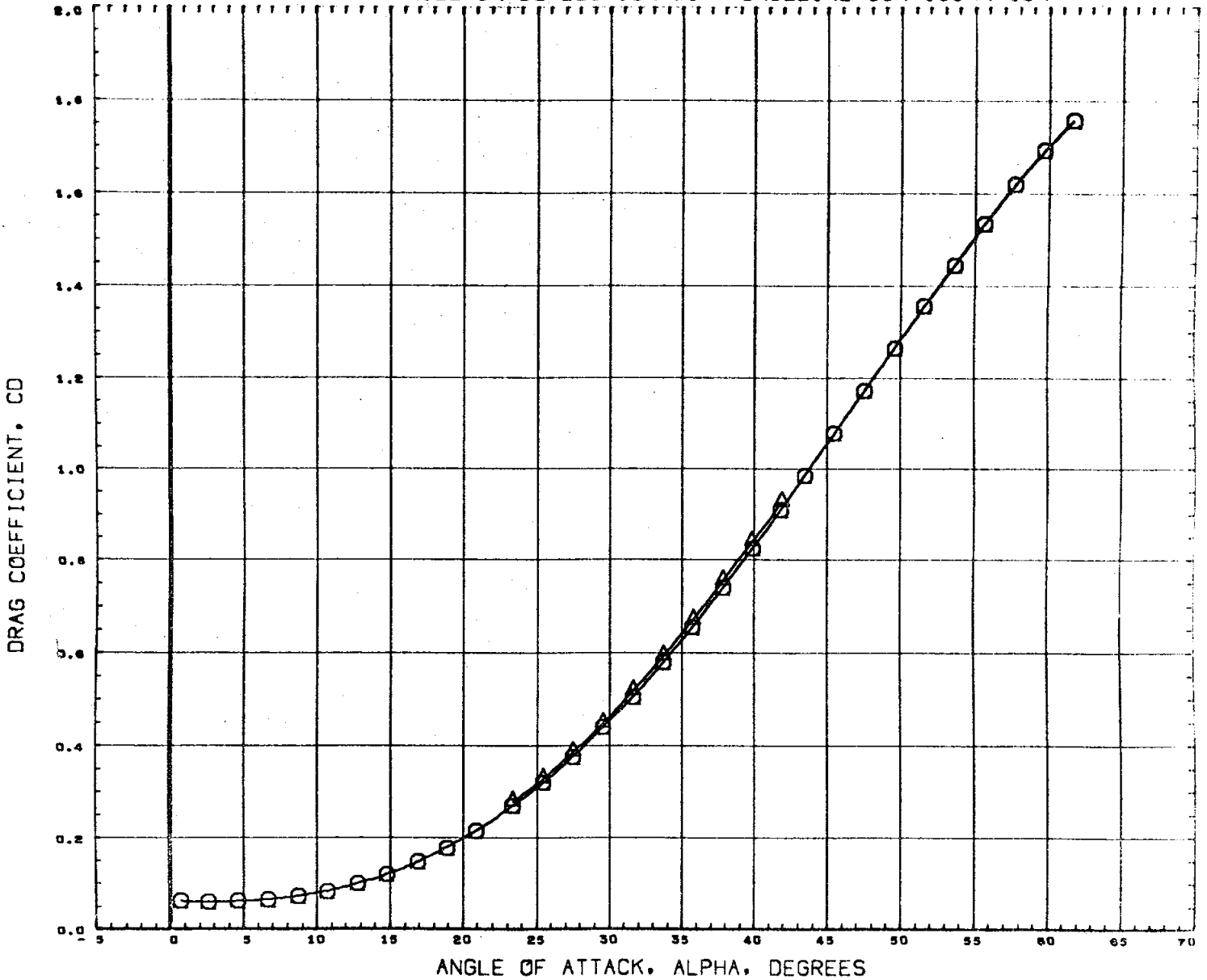


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUOFLR	OBDELV	REFERENCE INFORMATION	
(C76309)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (PA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

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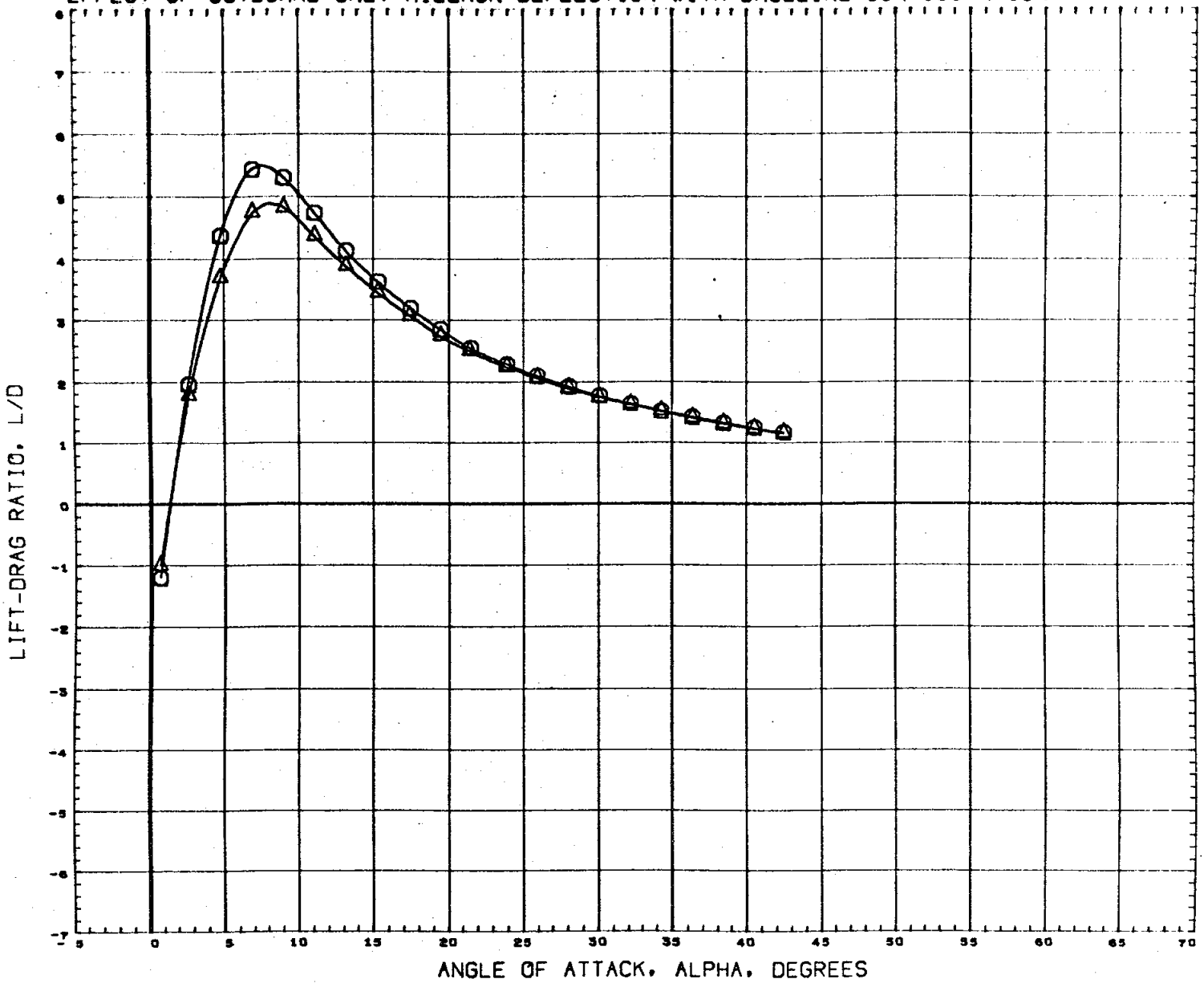
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELY	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

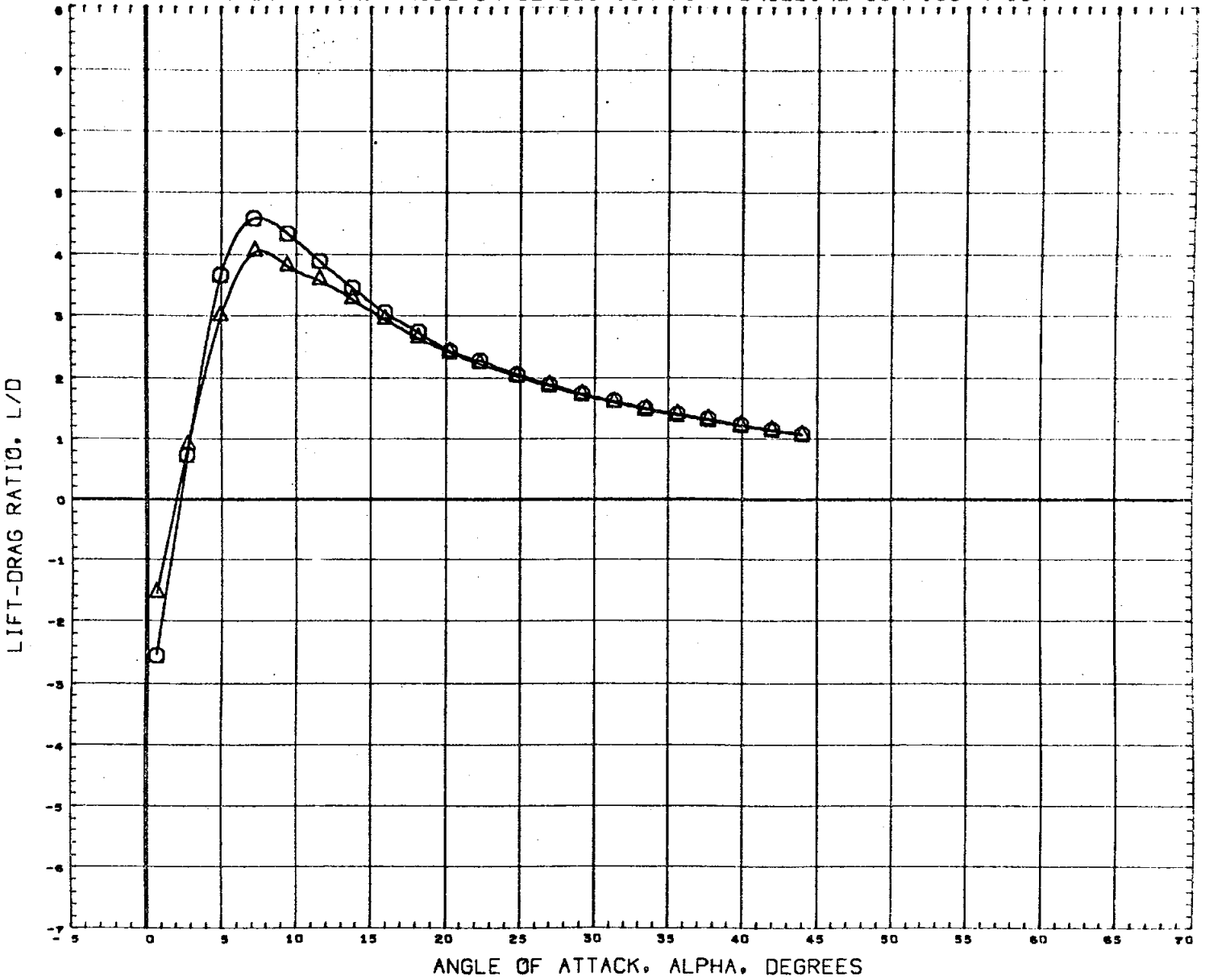
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
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						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

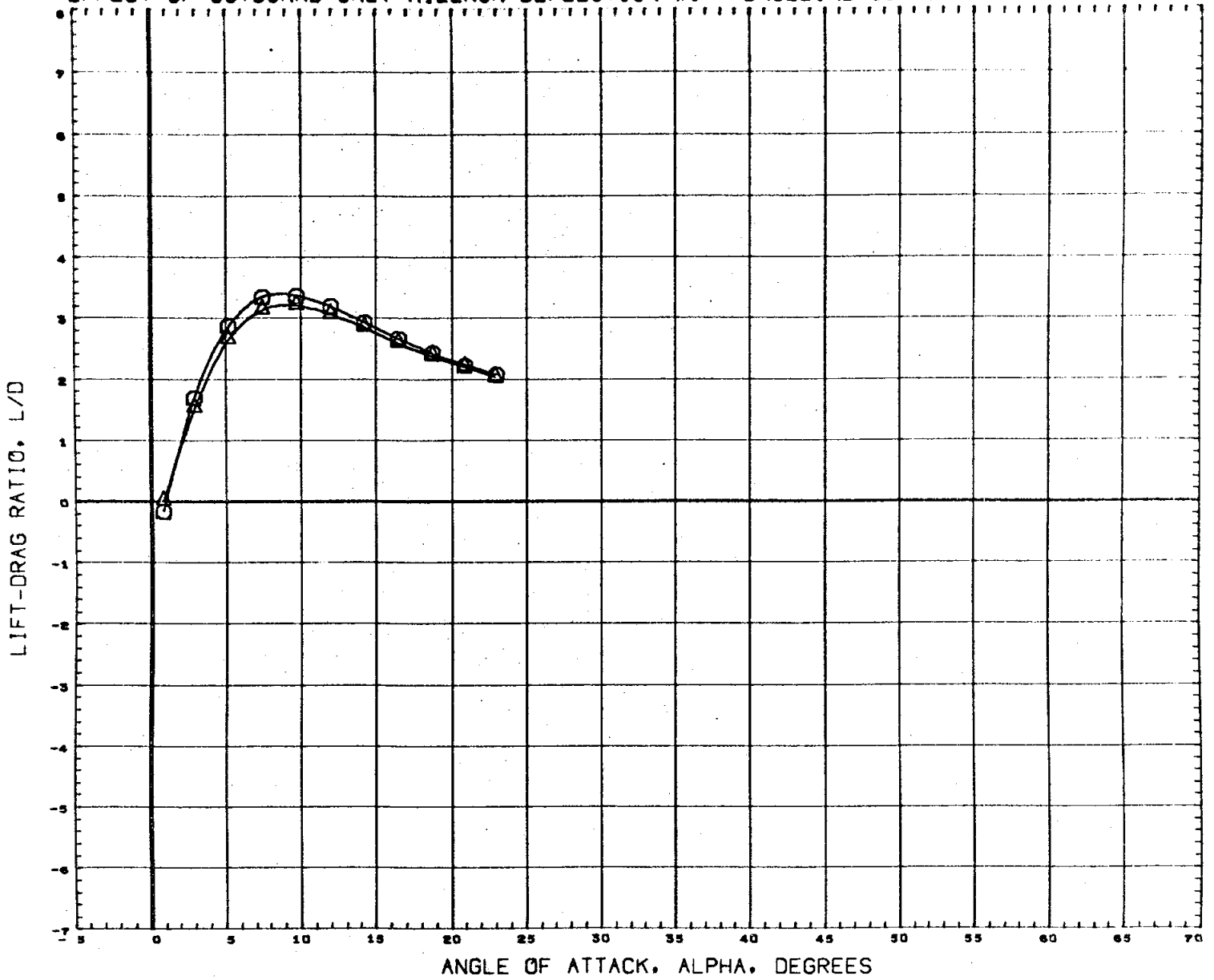
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

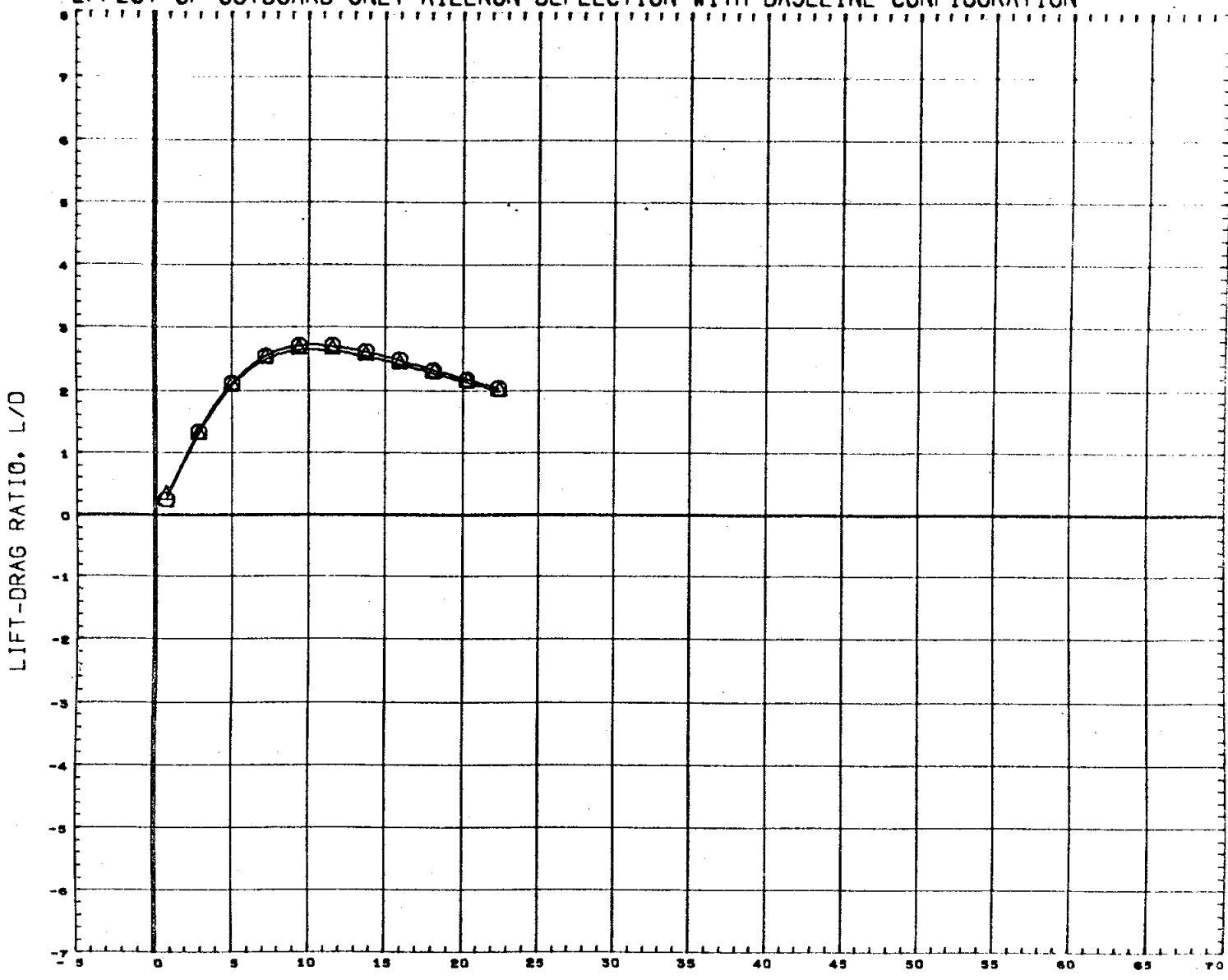
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

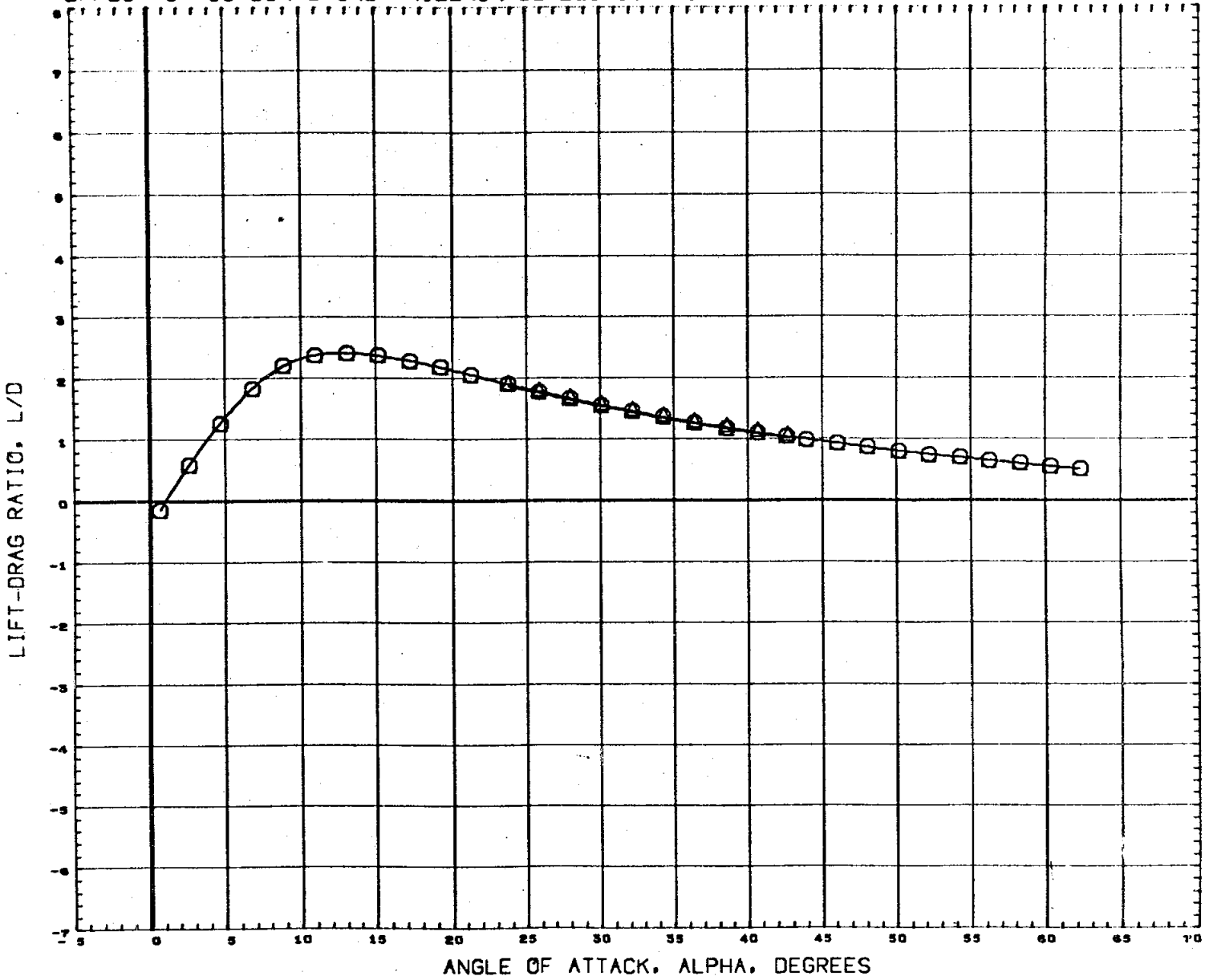


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4330 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97

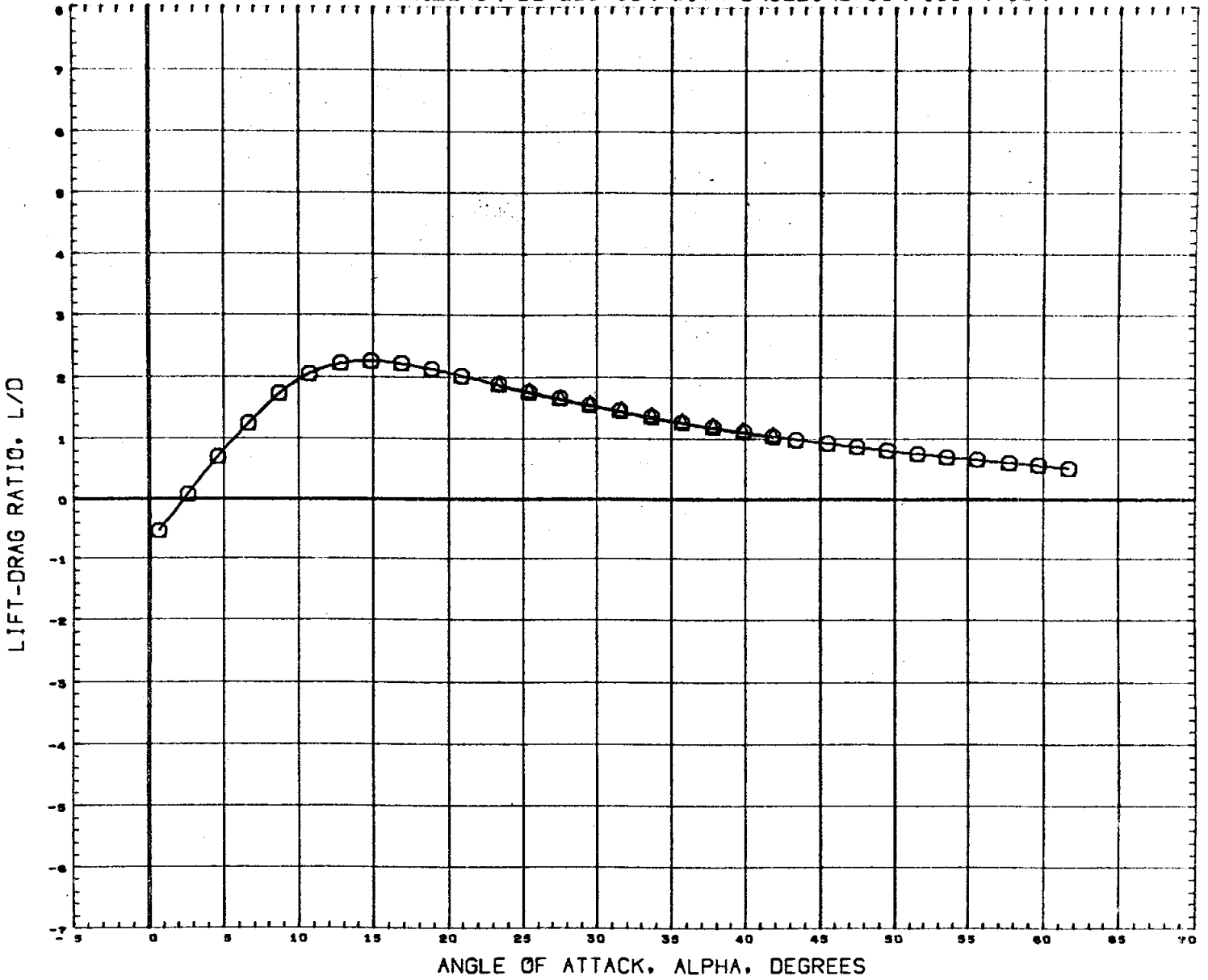


# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76308)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

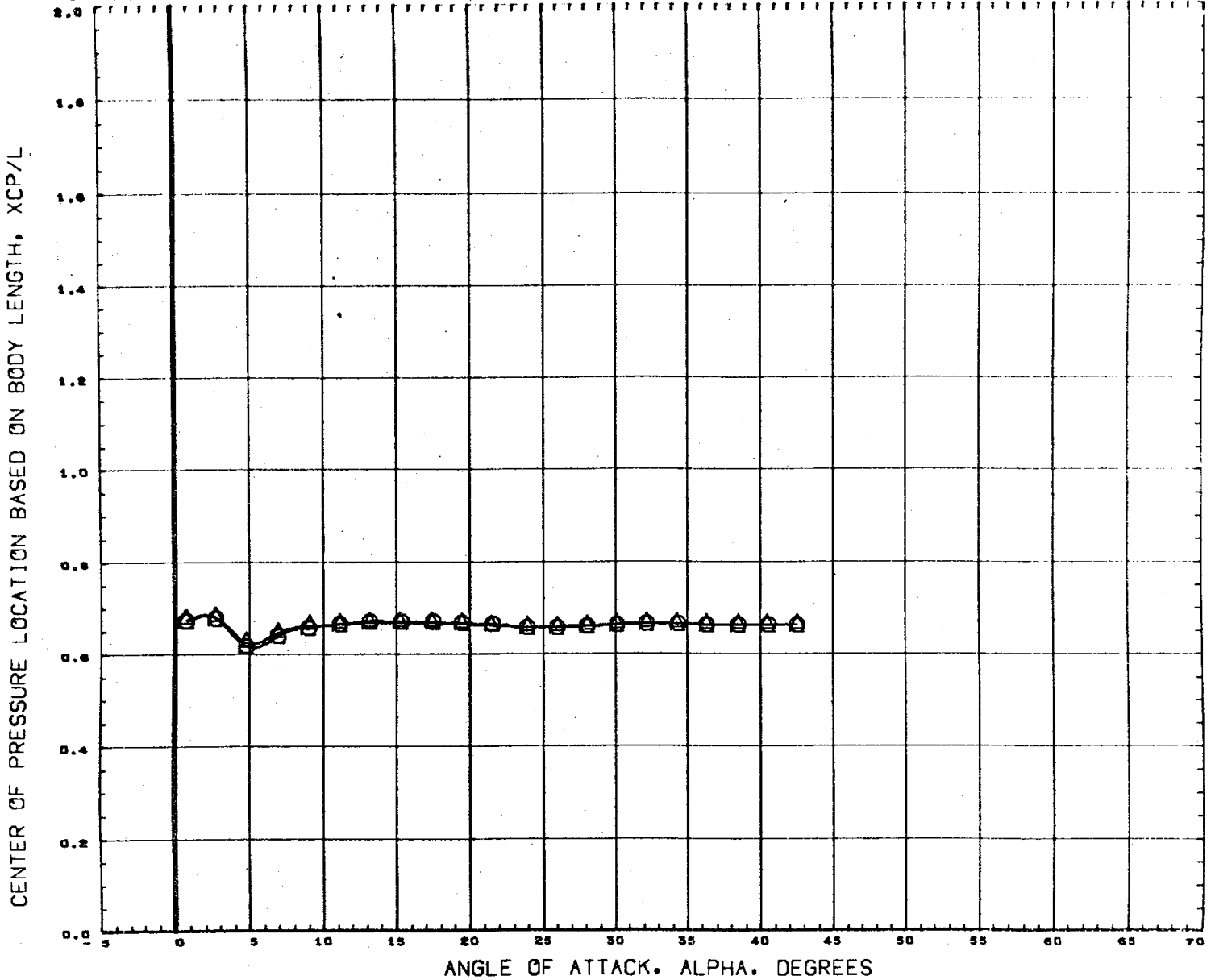
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

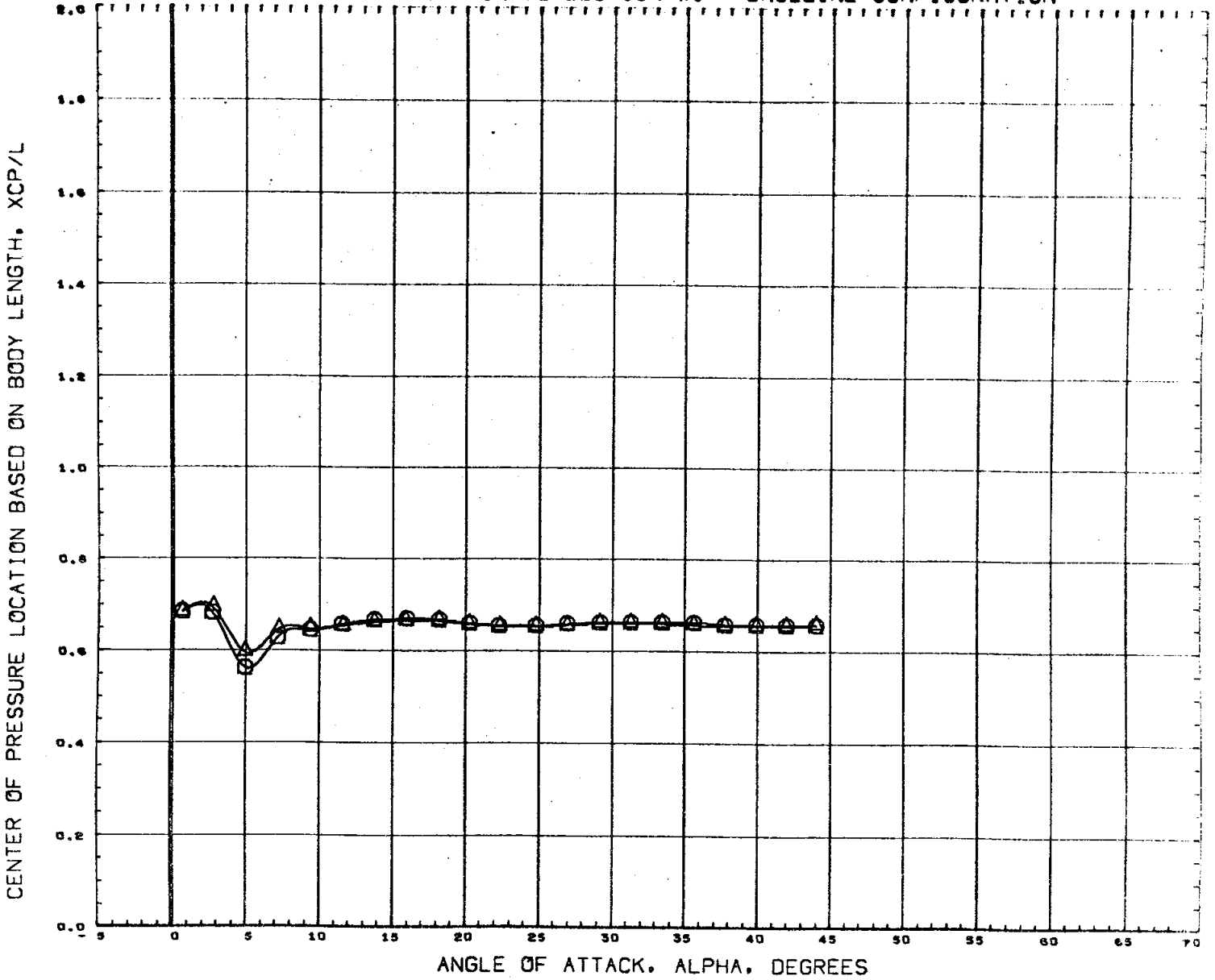
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

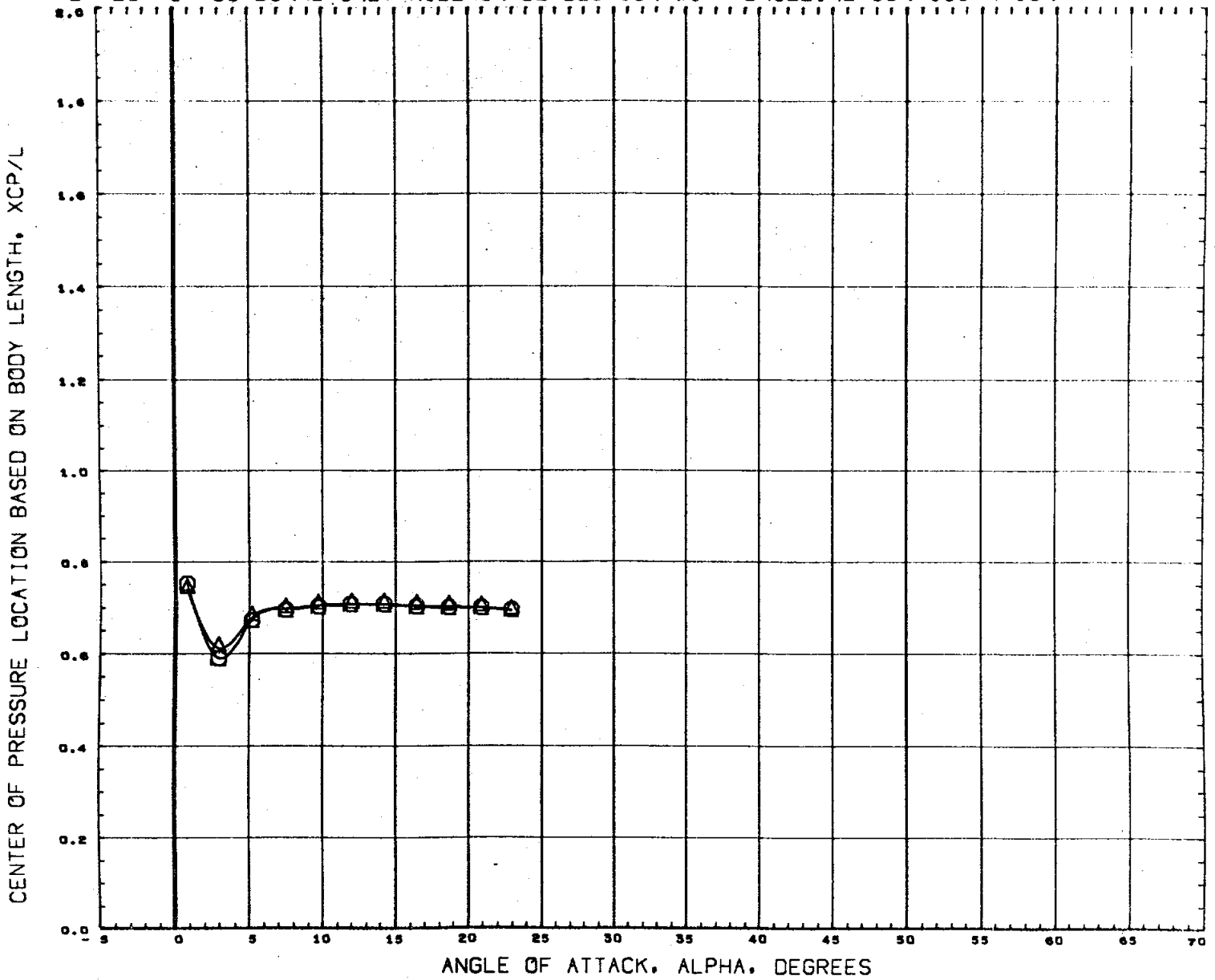
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

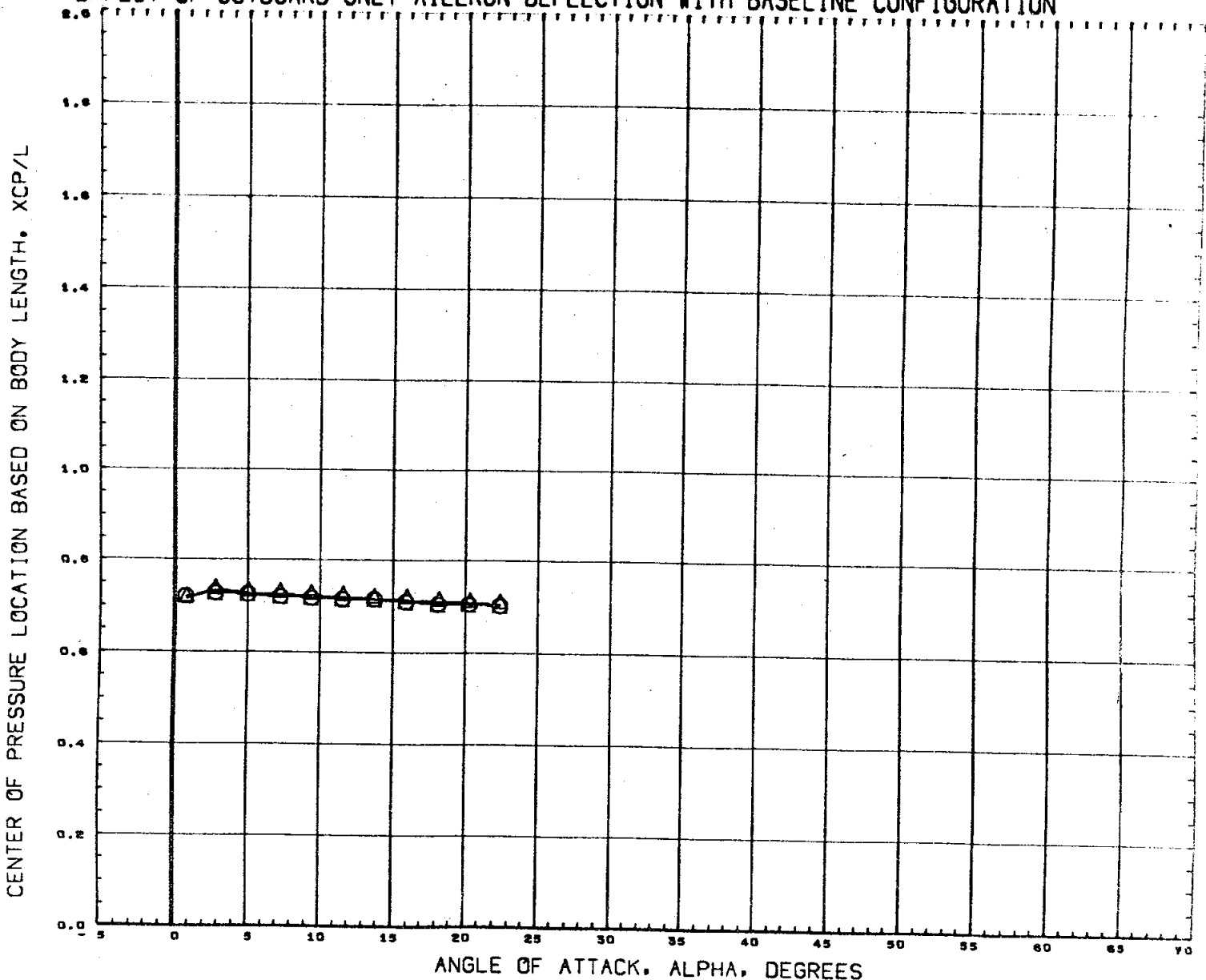


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
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						XMRP	3.4830 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.20

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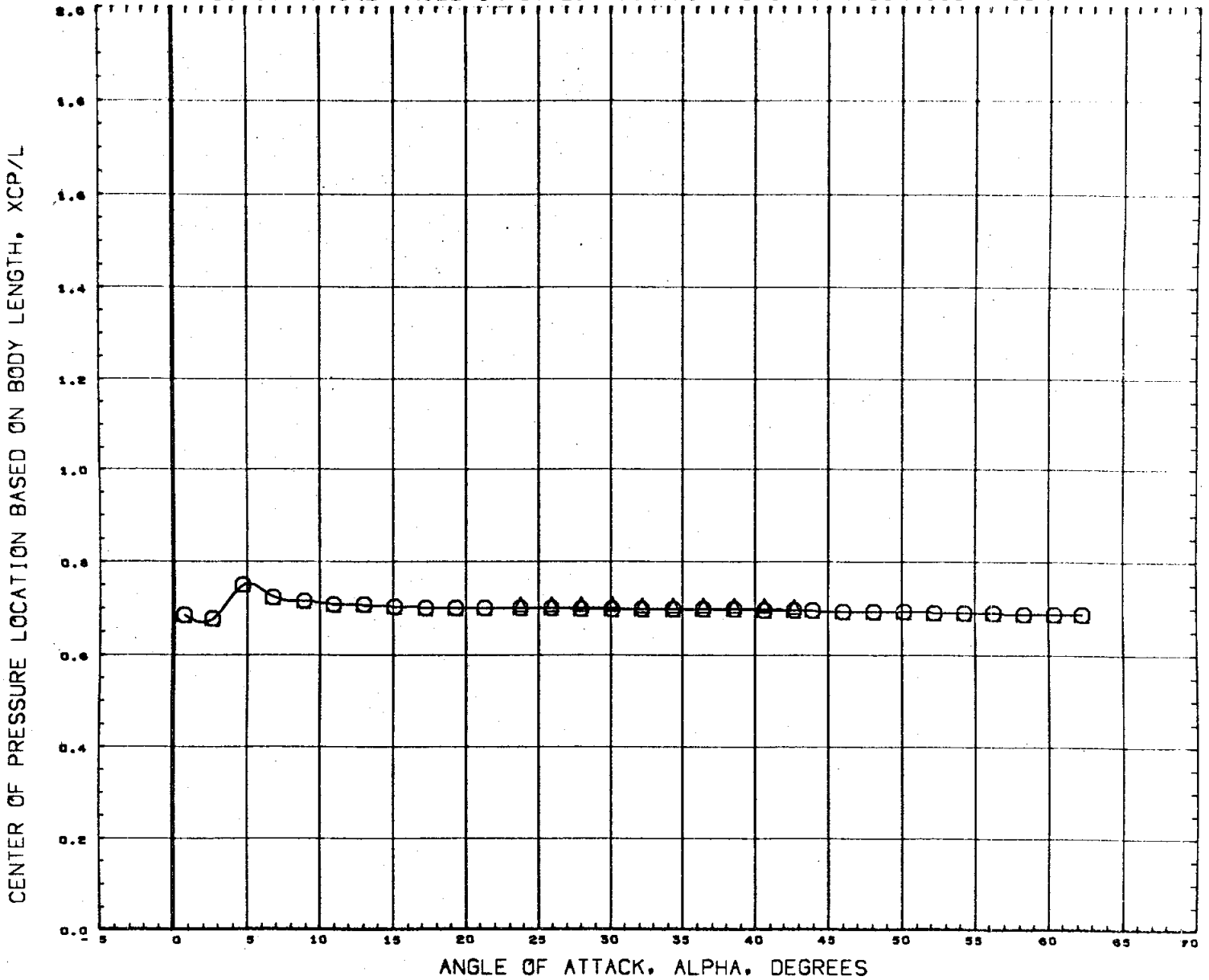
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76S21)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0300 IN.
						SCALE 0.0040

MACH 1.97

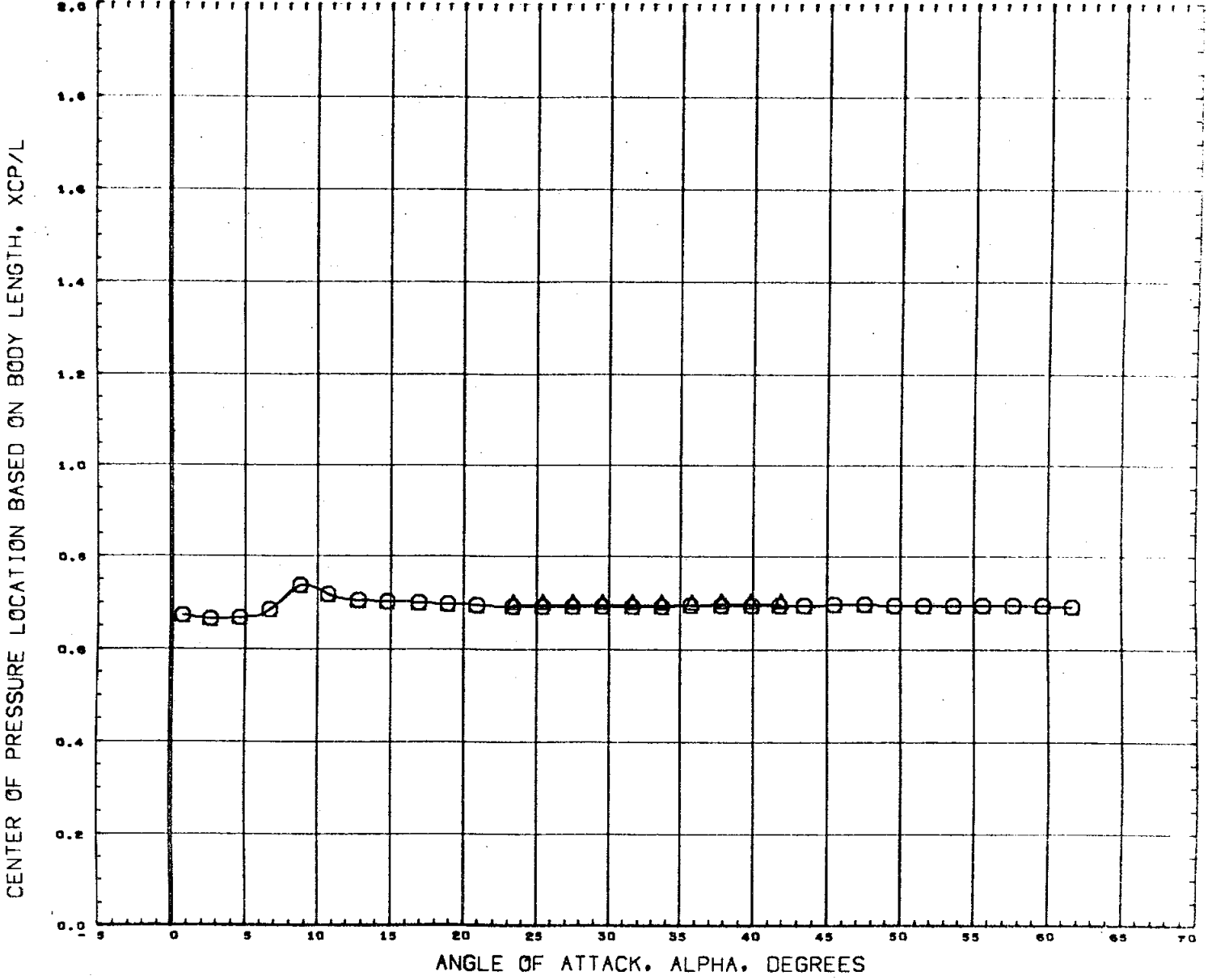
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76S21)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

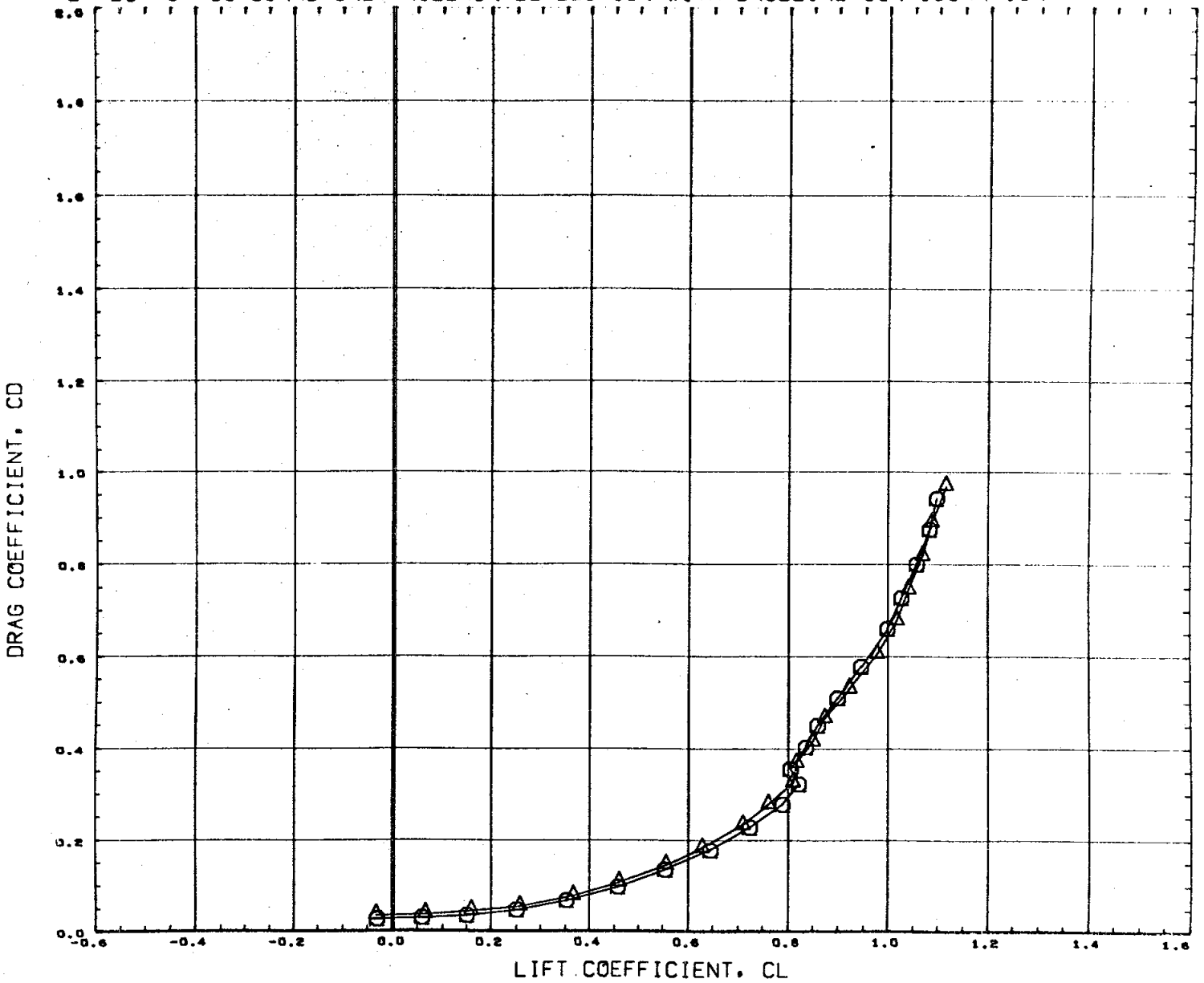


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96



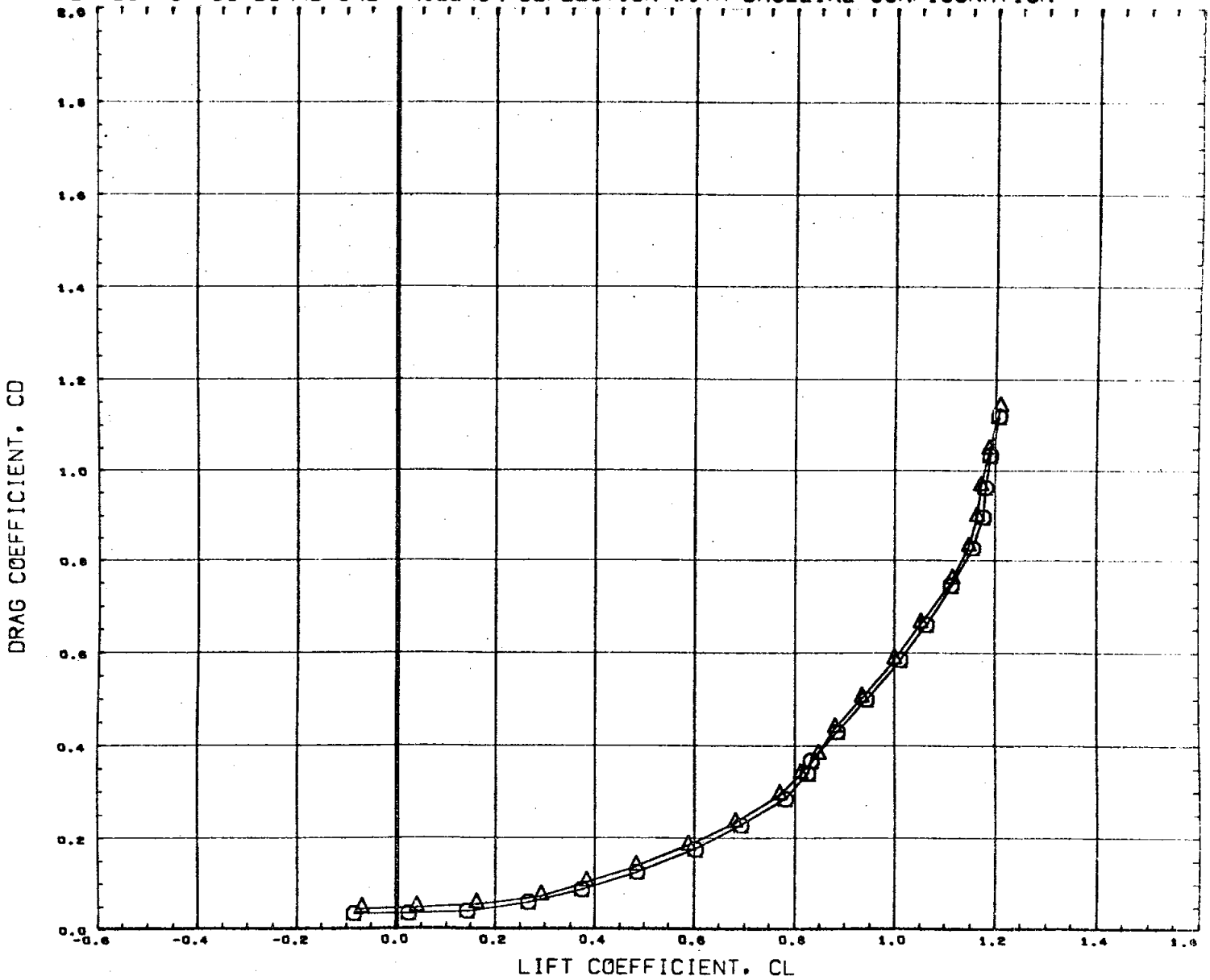
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

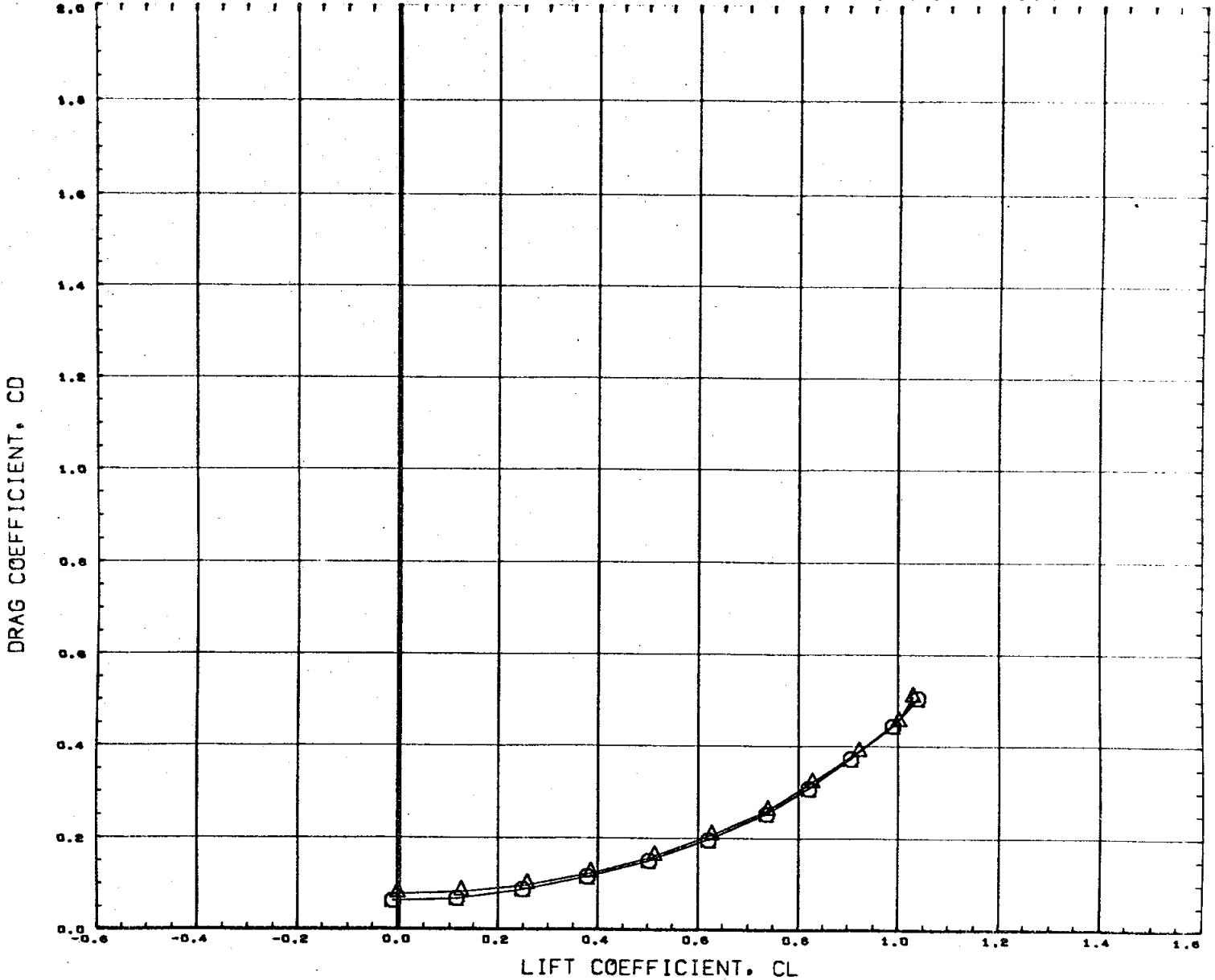
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0308 IN.
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						SCALE 0.0040

MACH .90

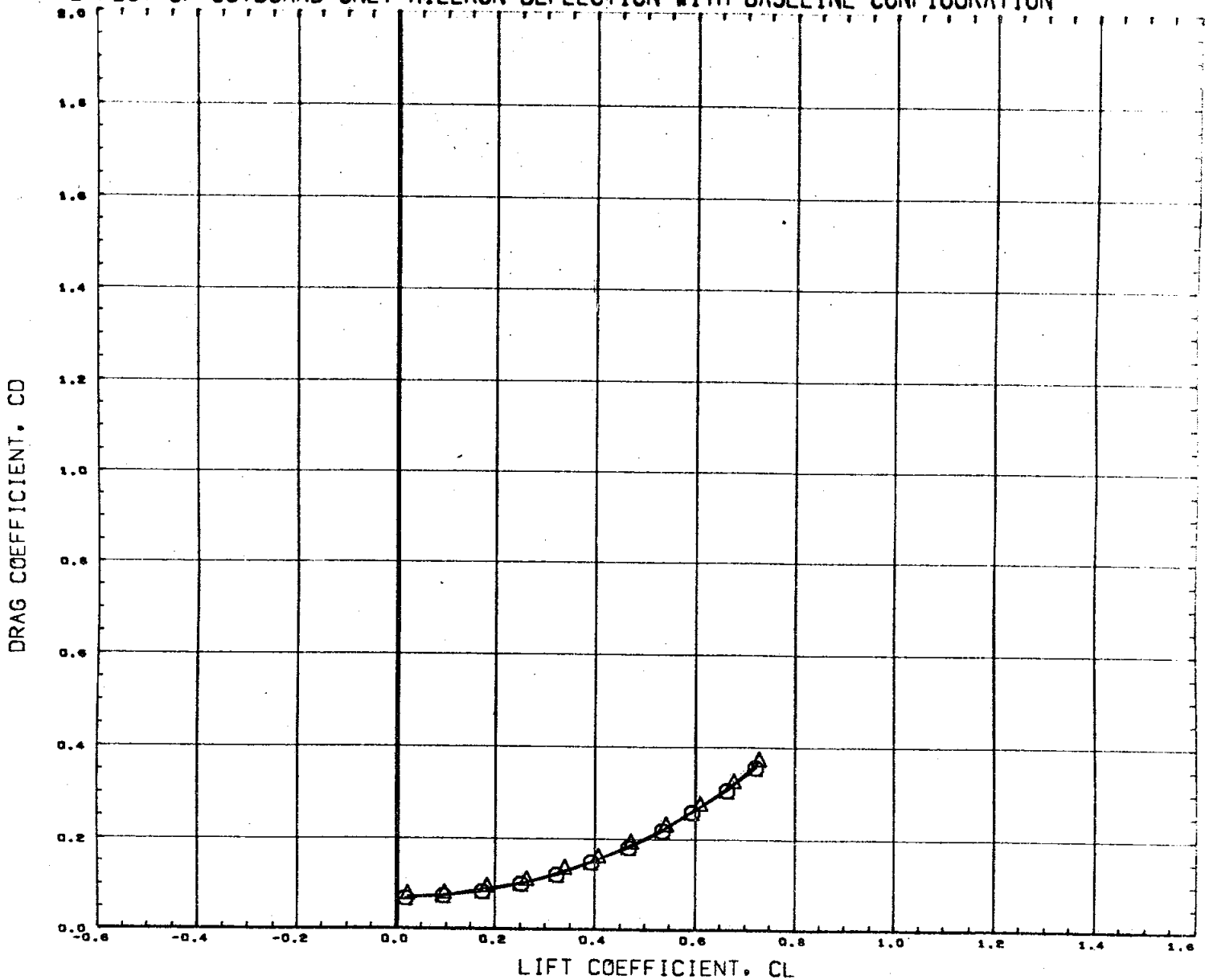
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUOFLR	OBDELV	REFERENCE INFORMATION
(C76505)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

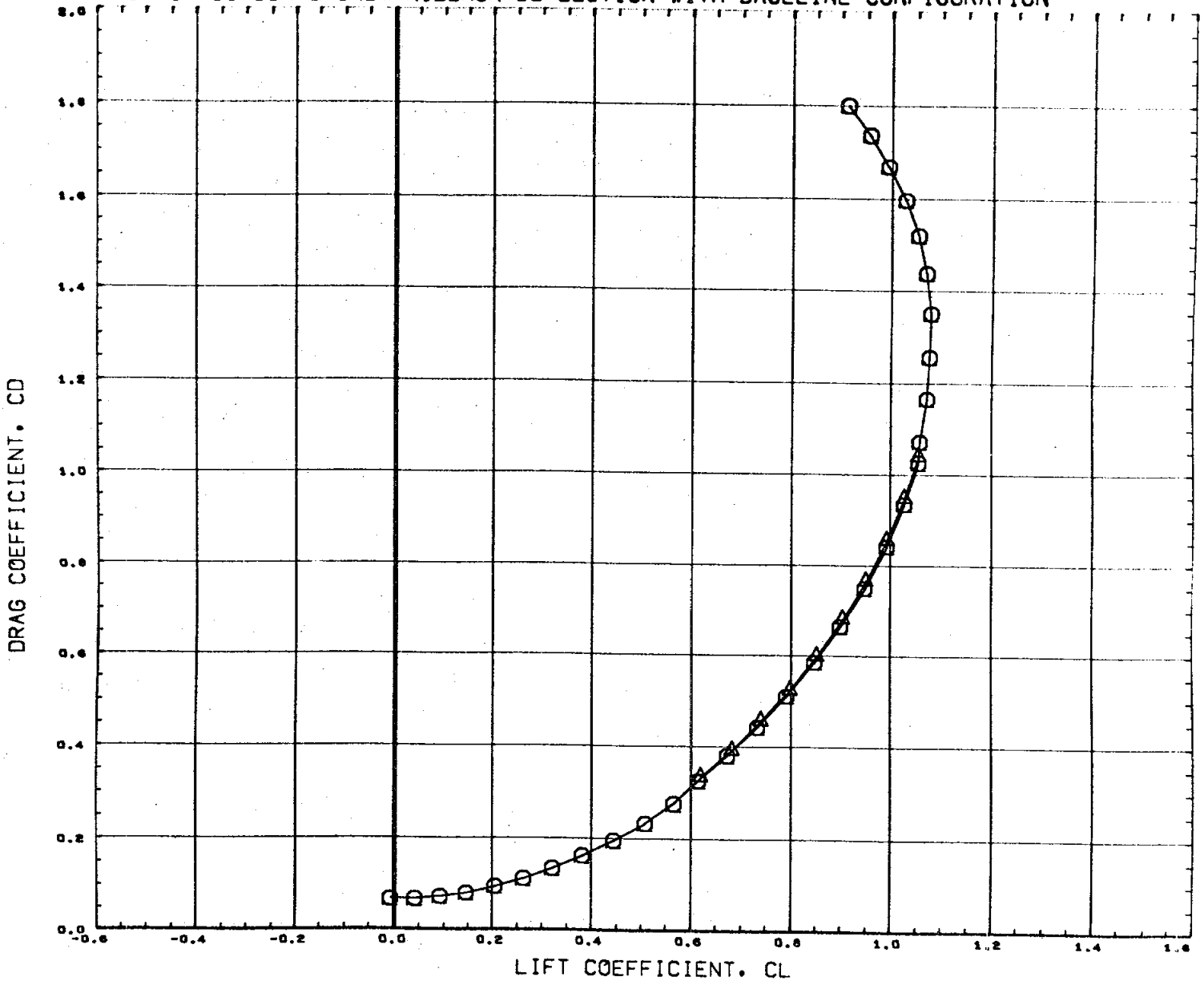
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
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						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

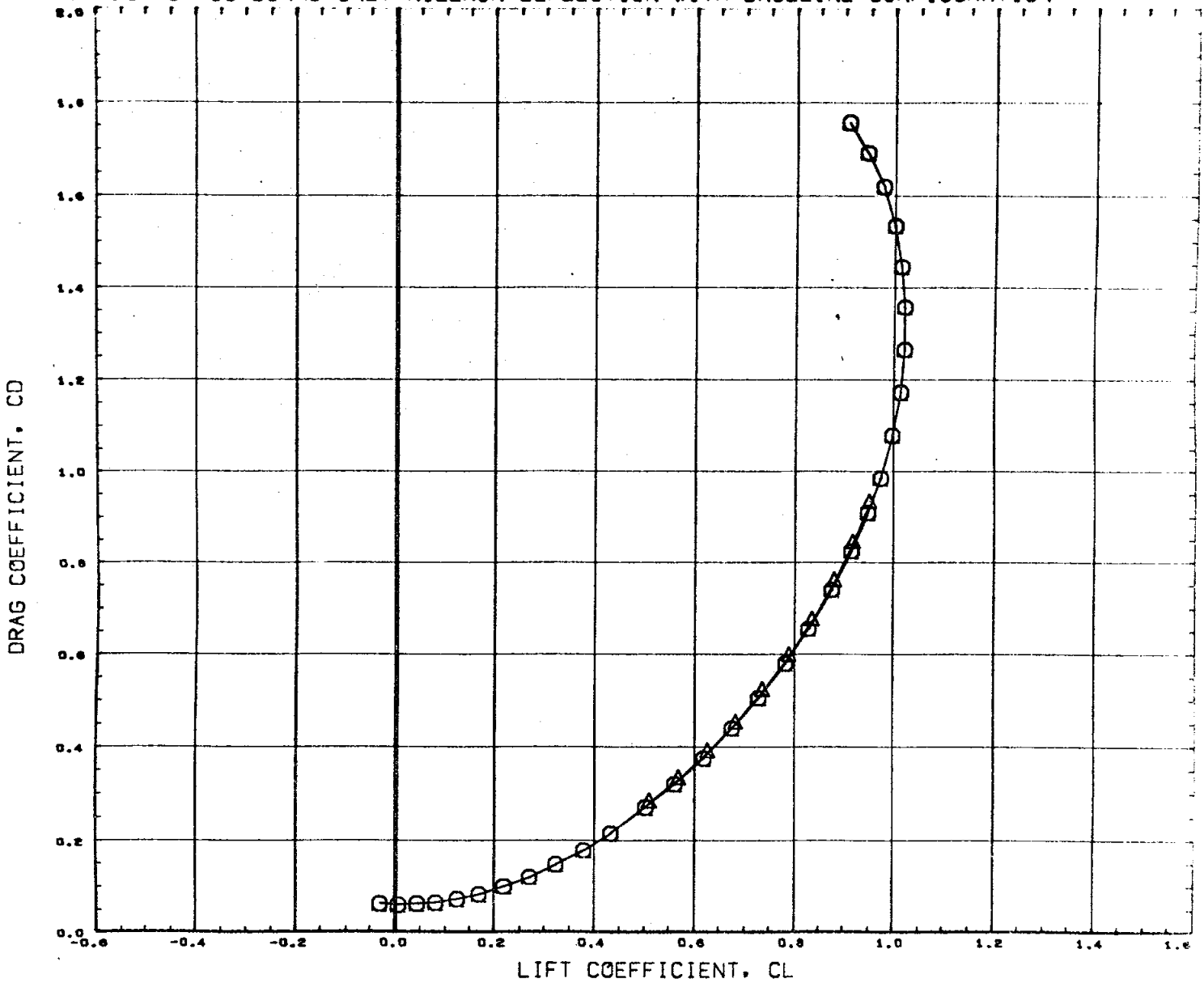
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

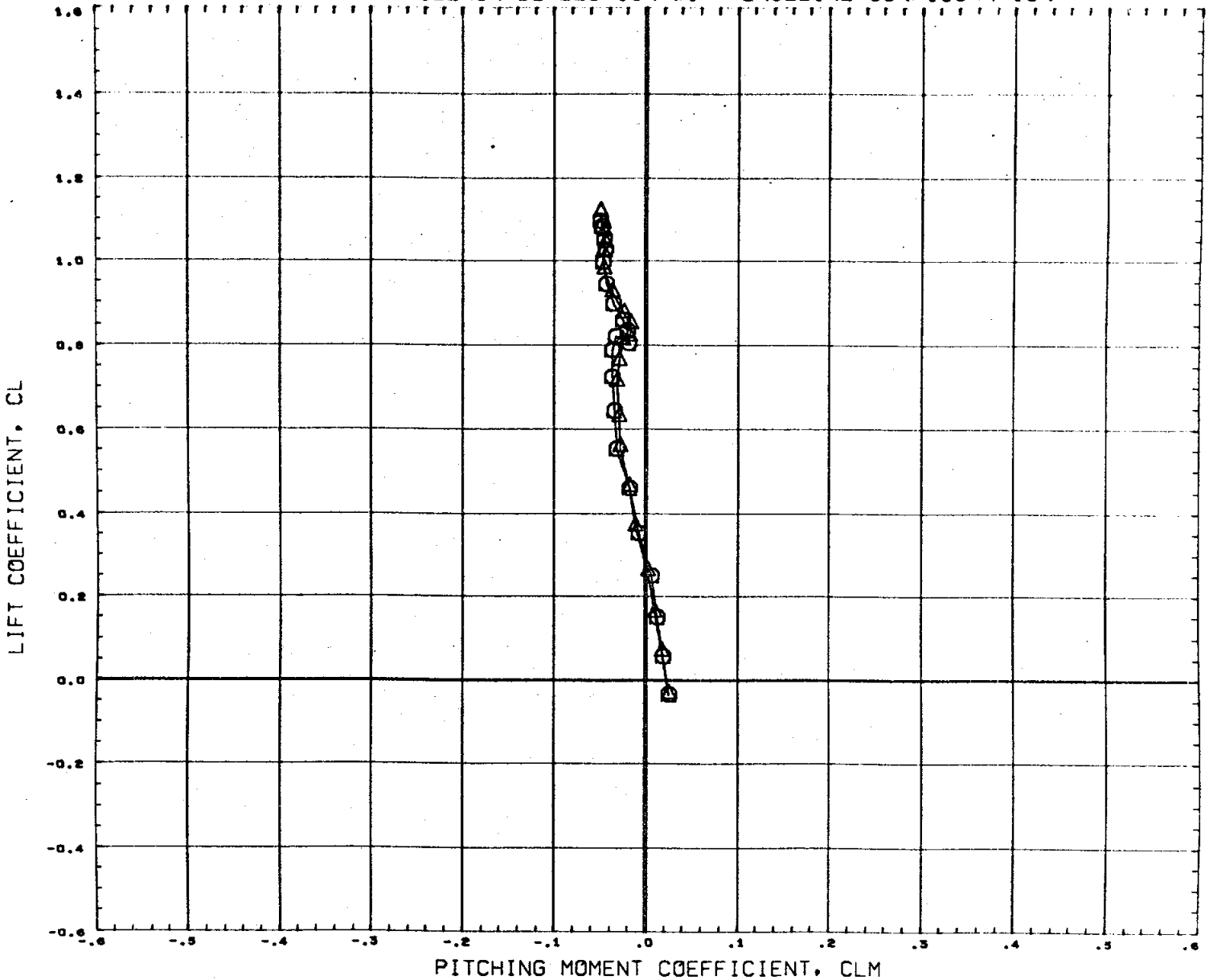


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELY	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 5.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

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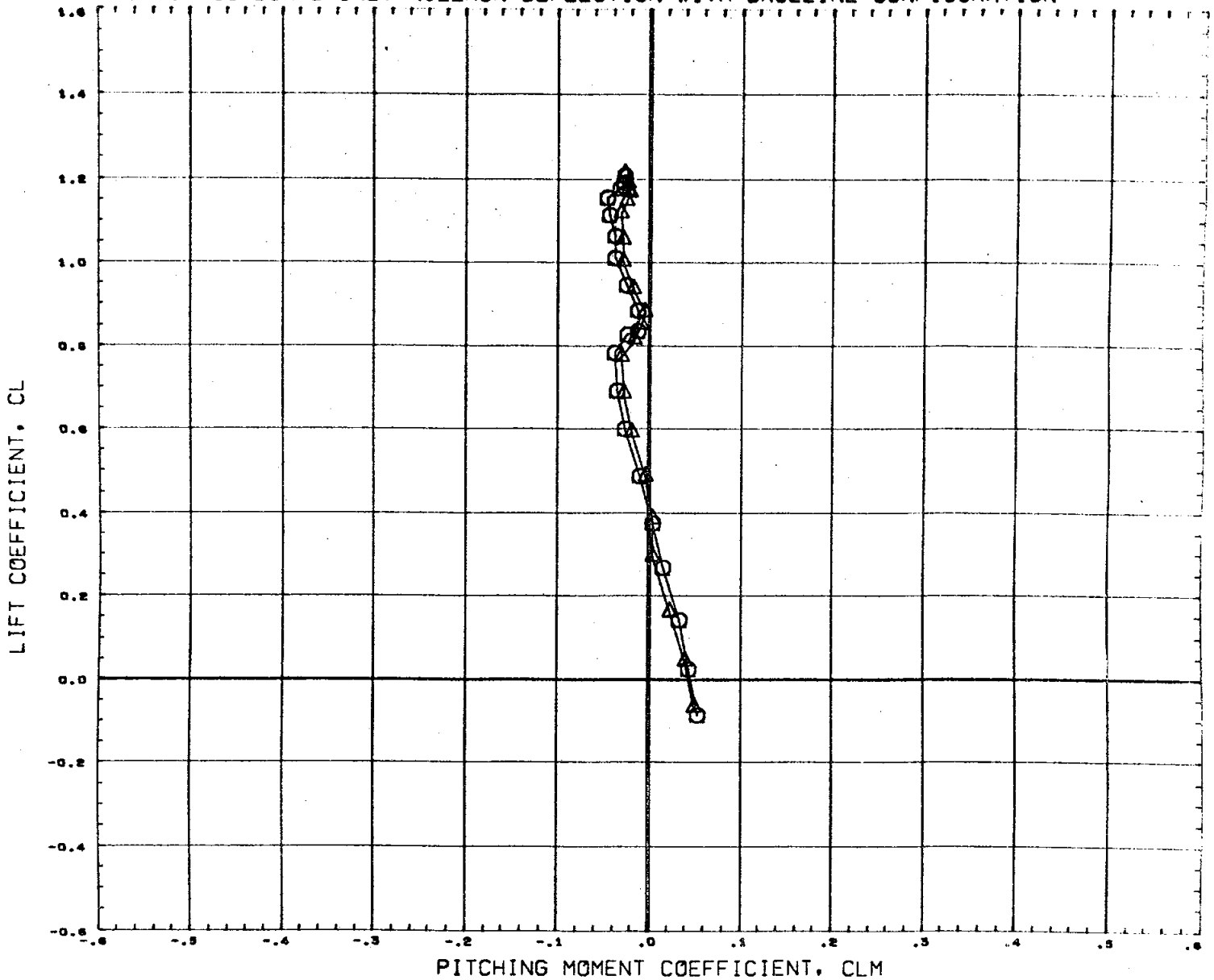
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XHRP 3.4530 IN.
						YHRP 0.0000 IN.
						ZHRP 0.0000 IN.
						SCALE: 0.0040

MACH .59

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

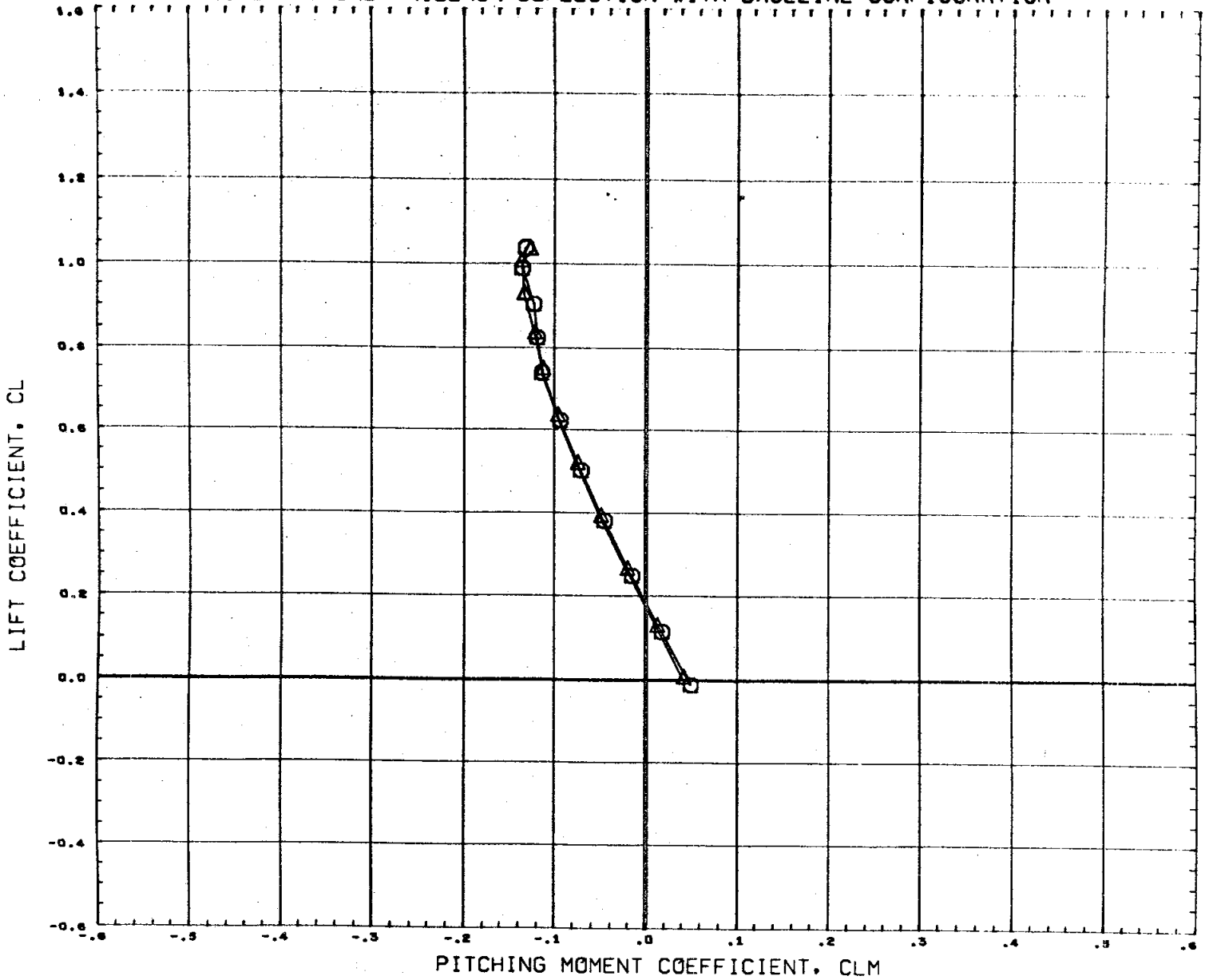


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 59. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .90



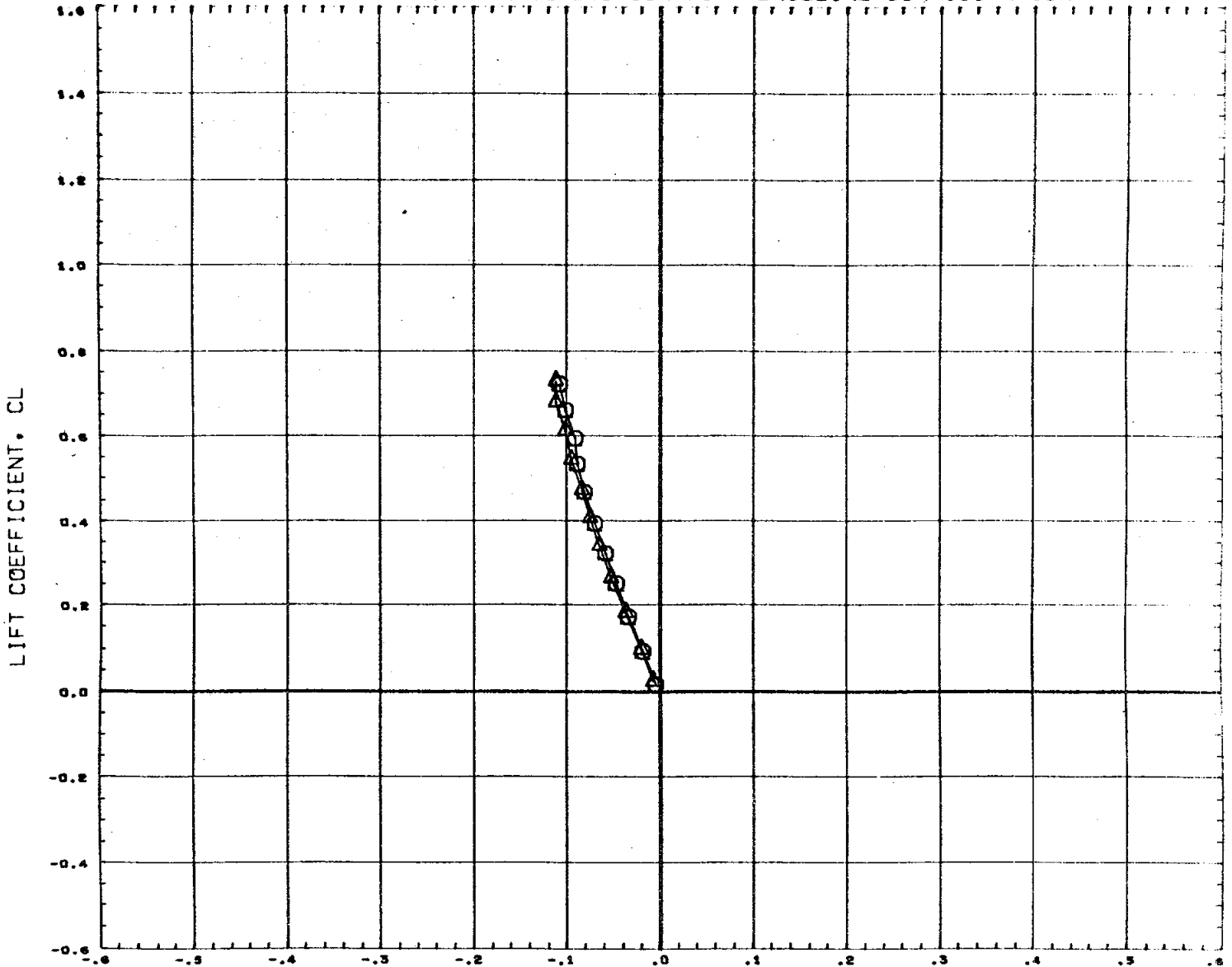
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76505)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

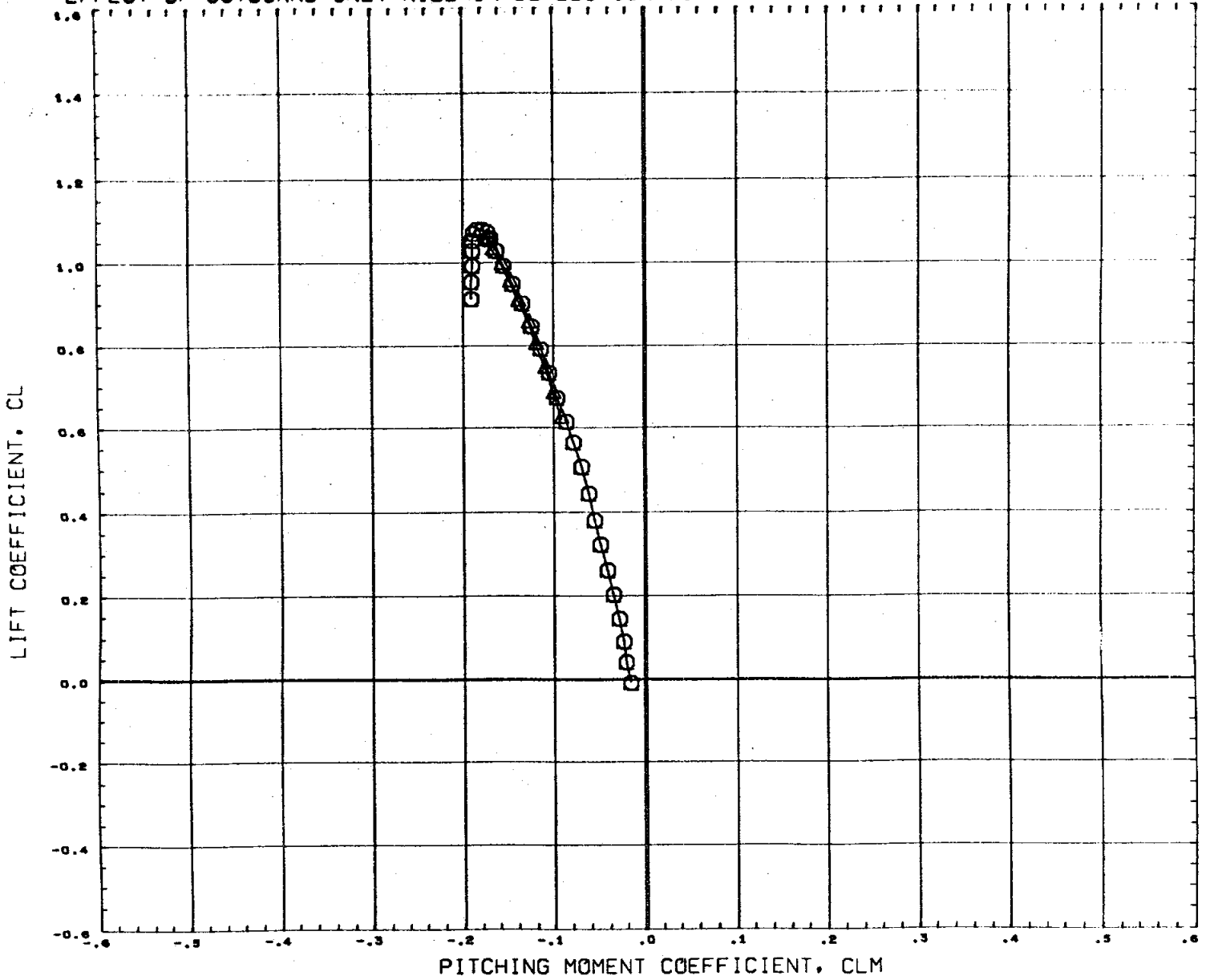
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDDELV	REFERENCE INFORMATION	
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

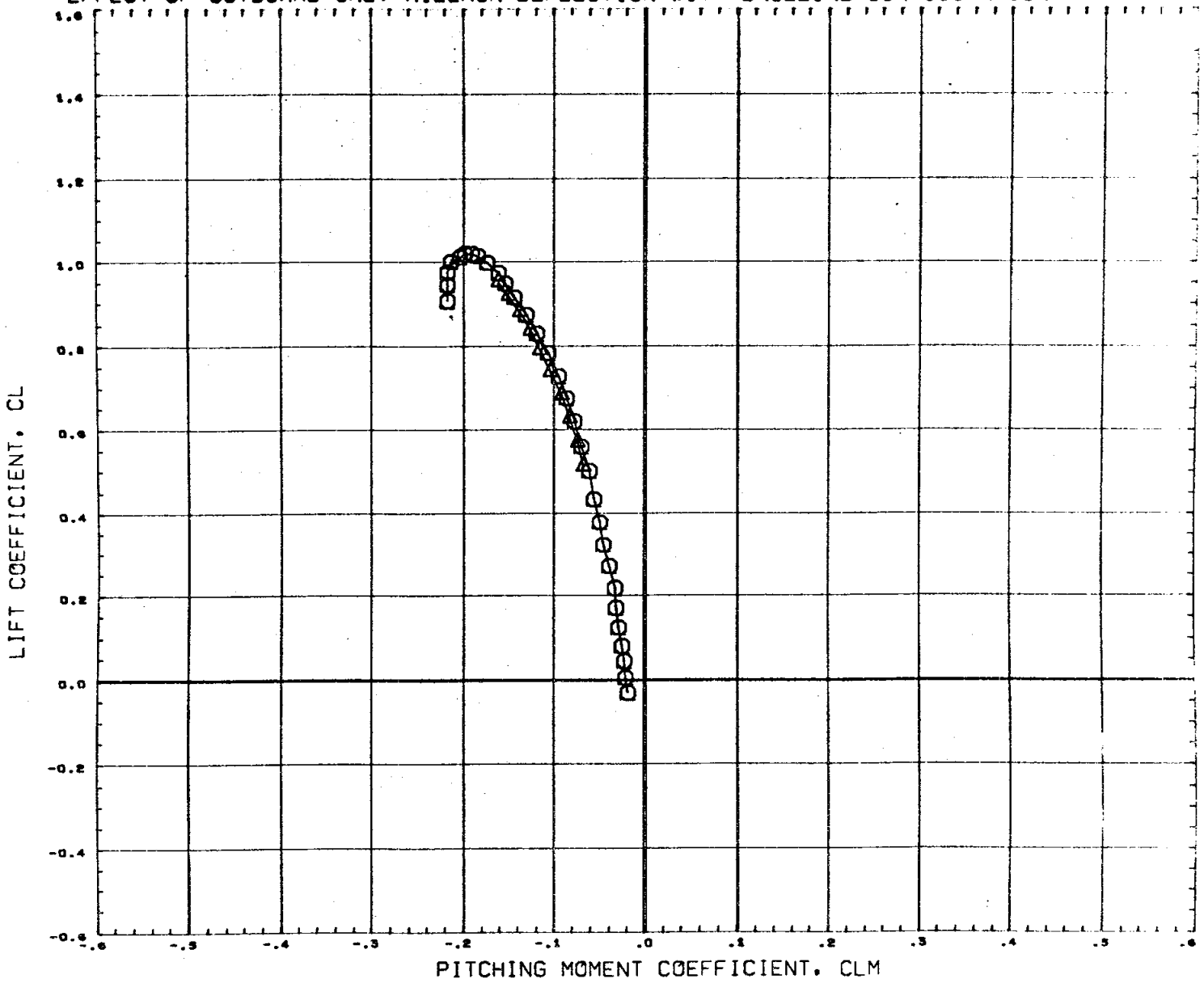
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

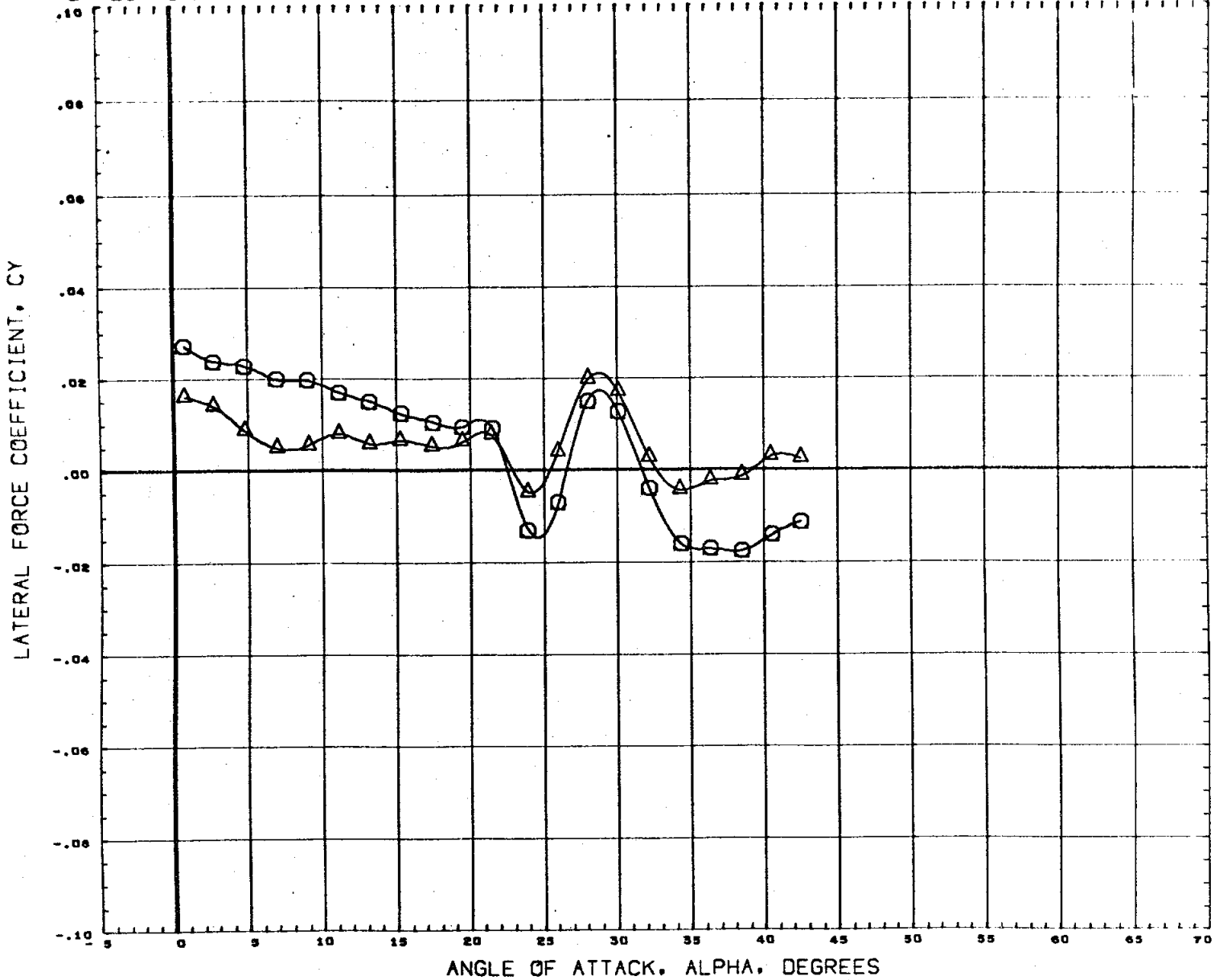
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDLV	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(C76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 4.96

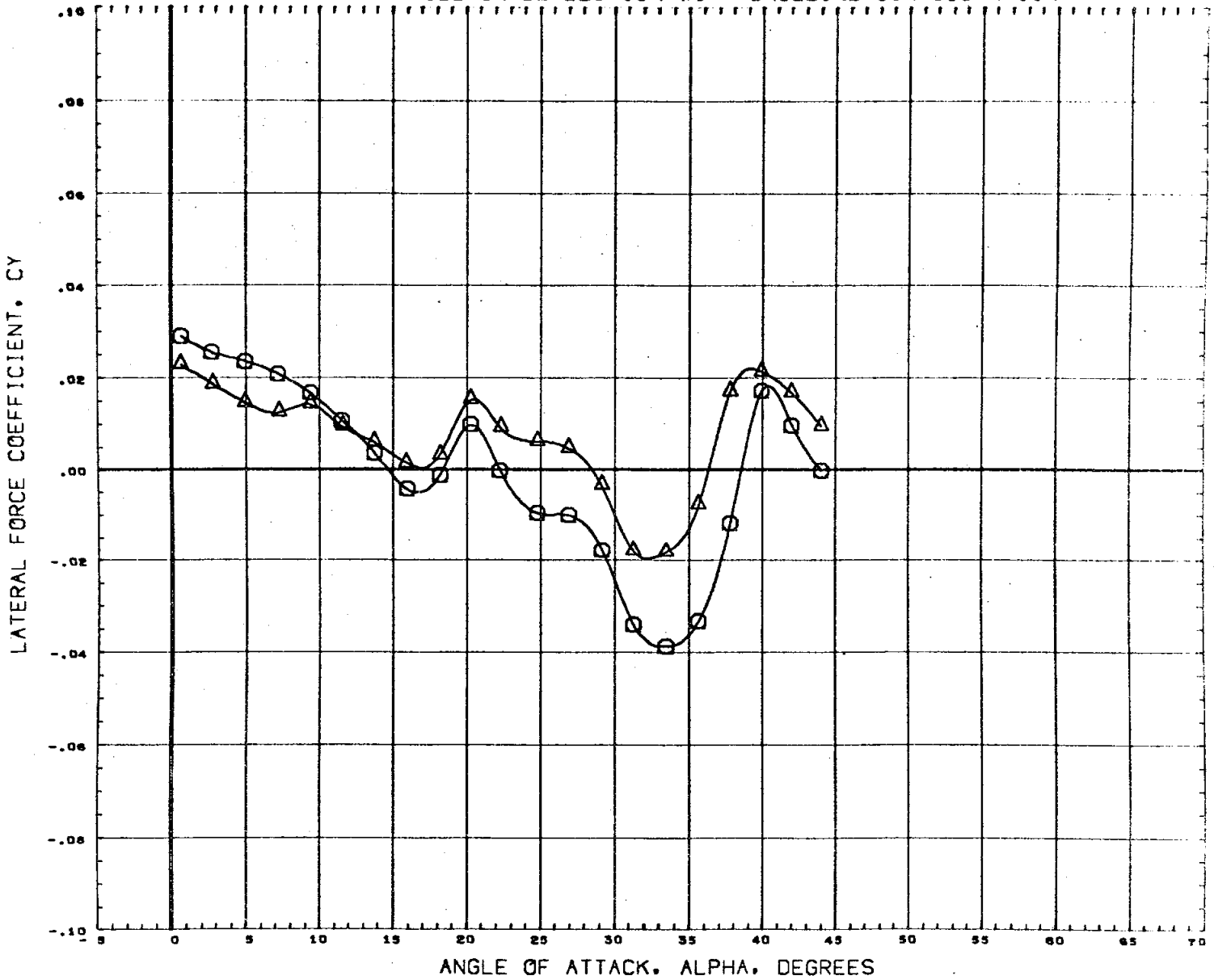
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						OBREF 4.0300 IN.
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						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

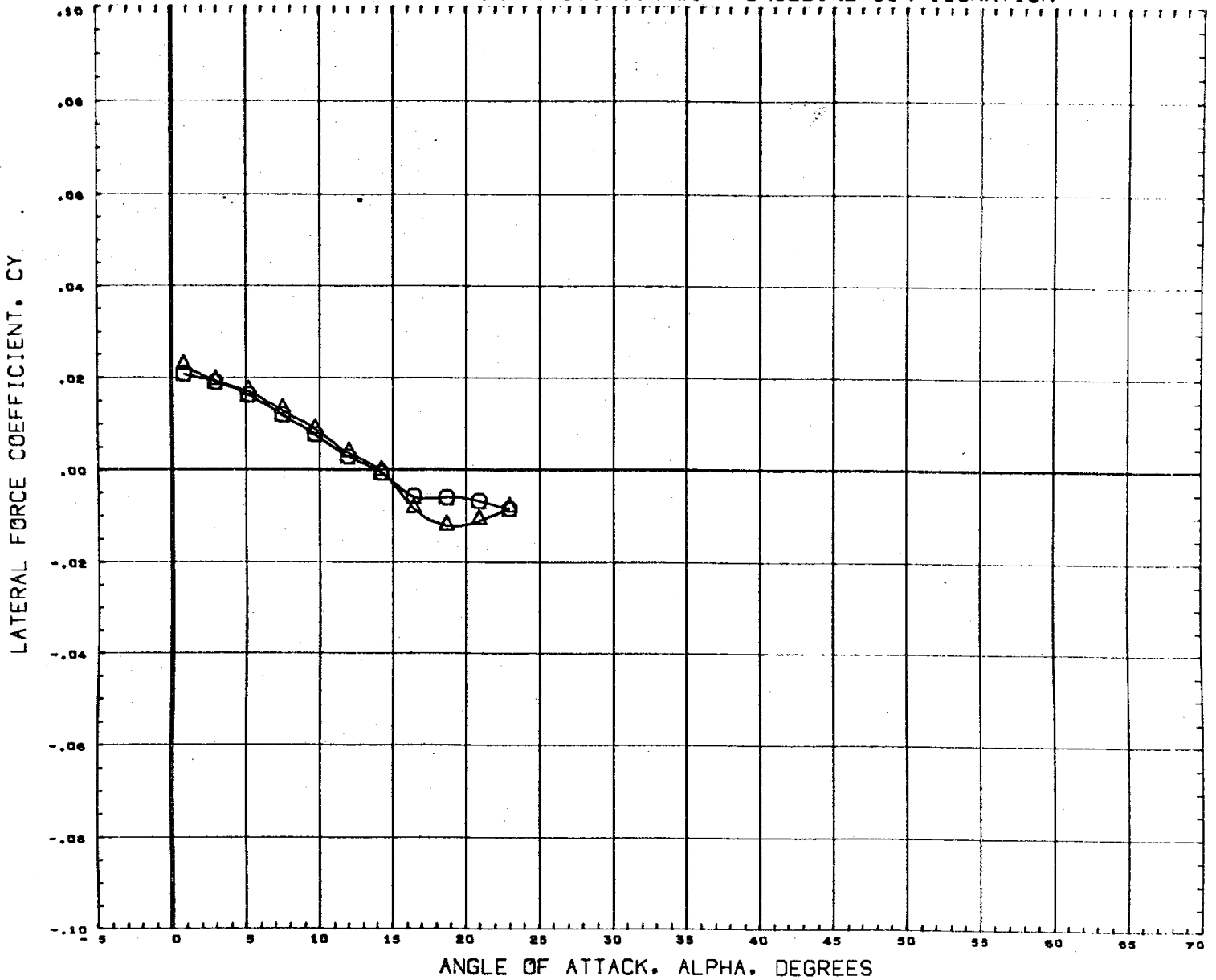
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELY	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

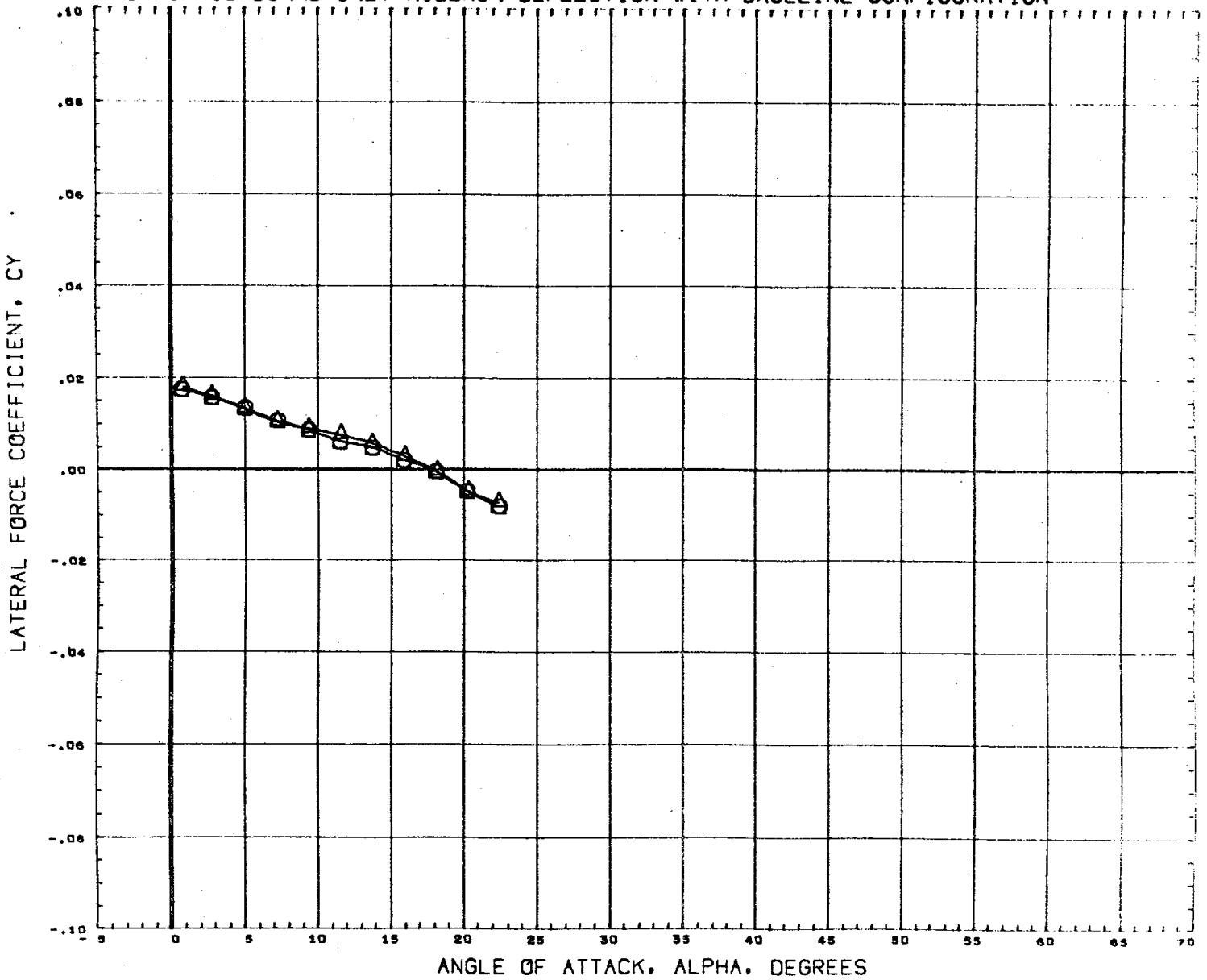
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

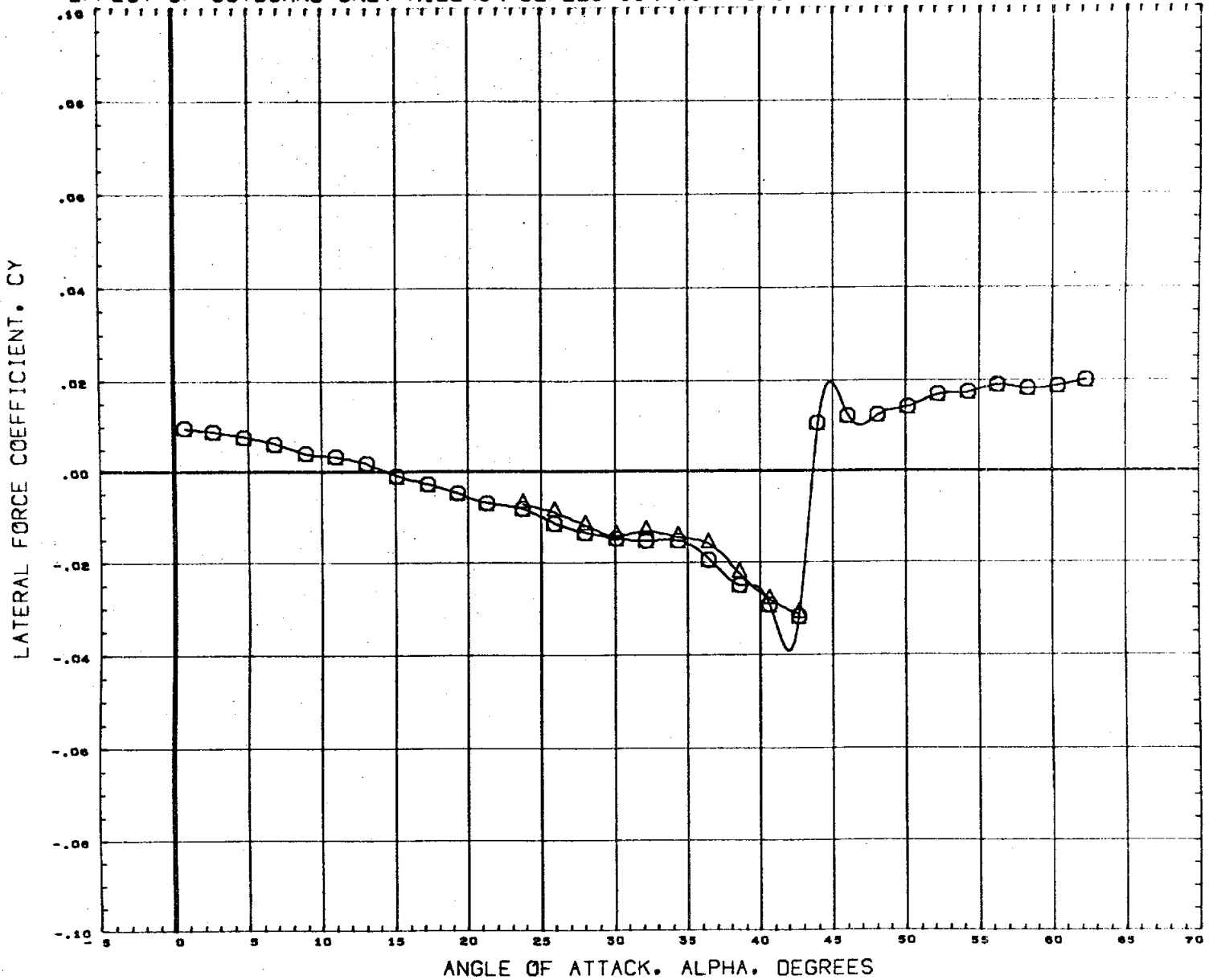


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1H1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4550 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.97



# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

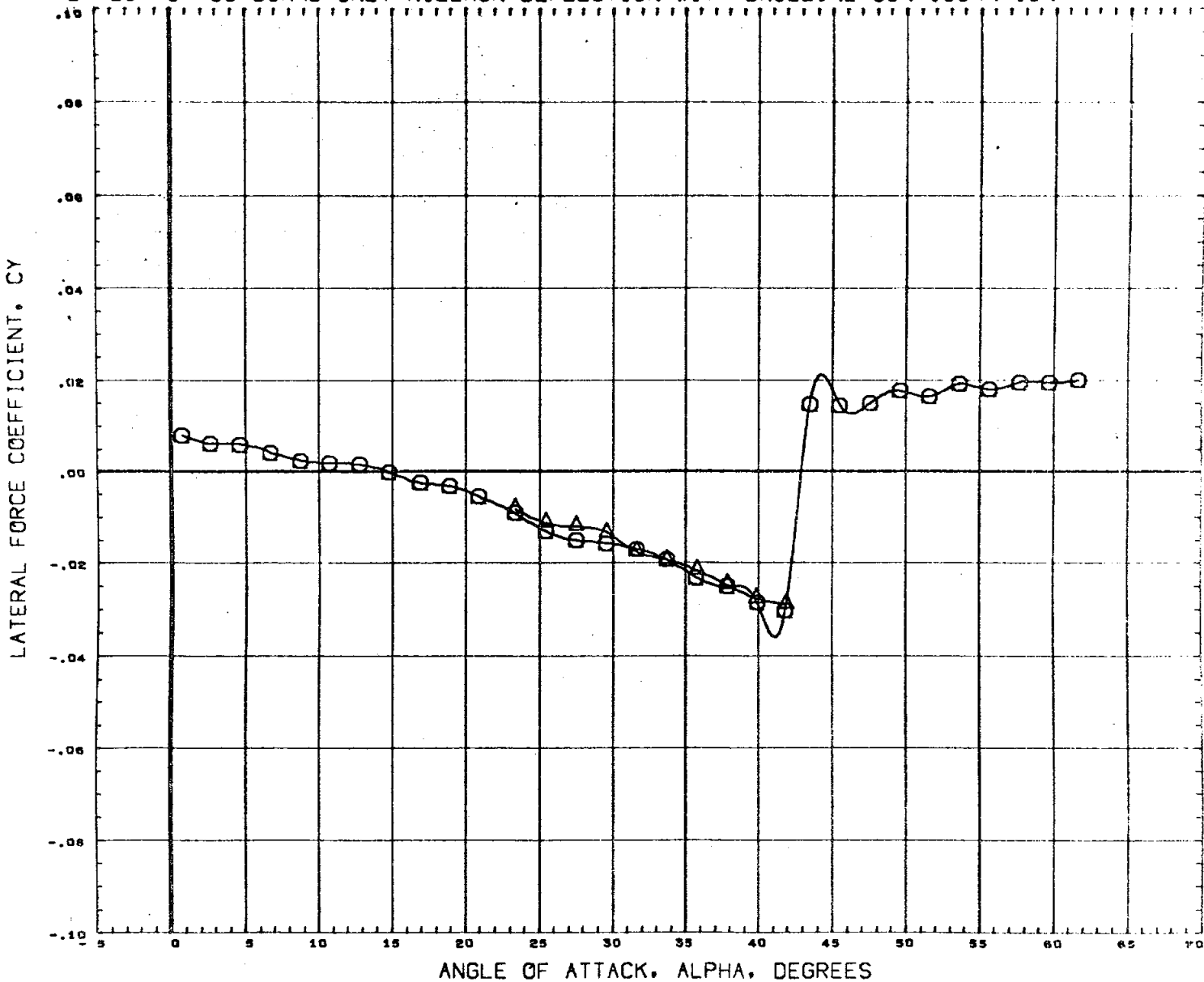


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

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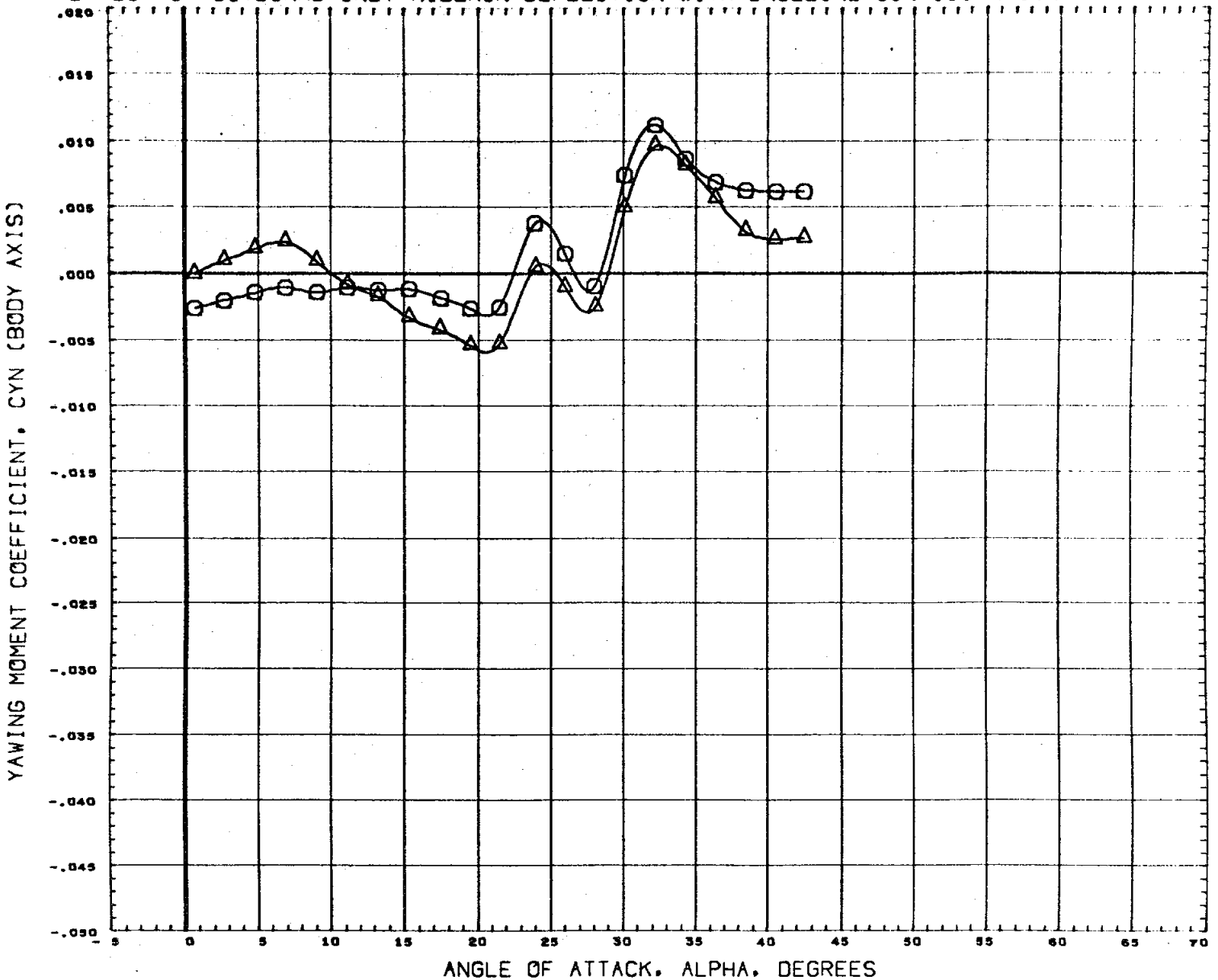
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

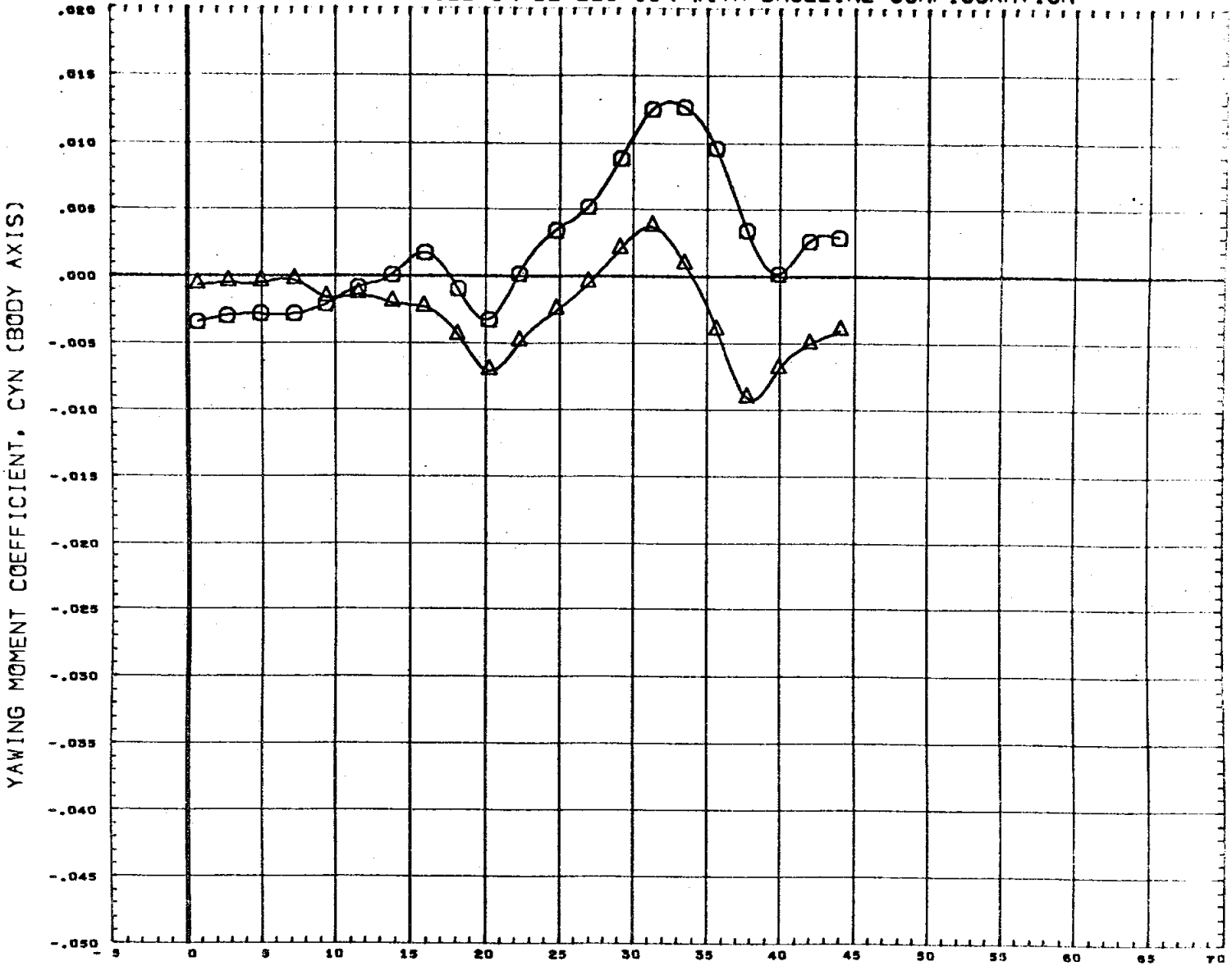
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

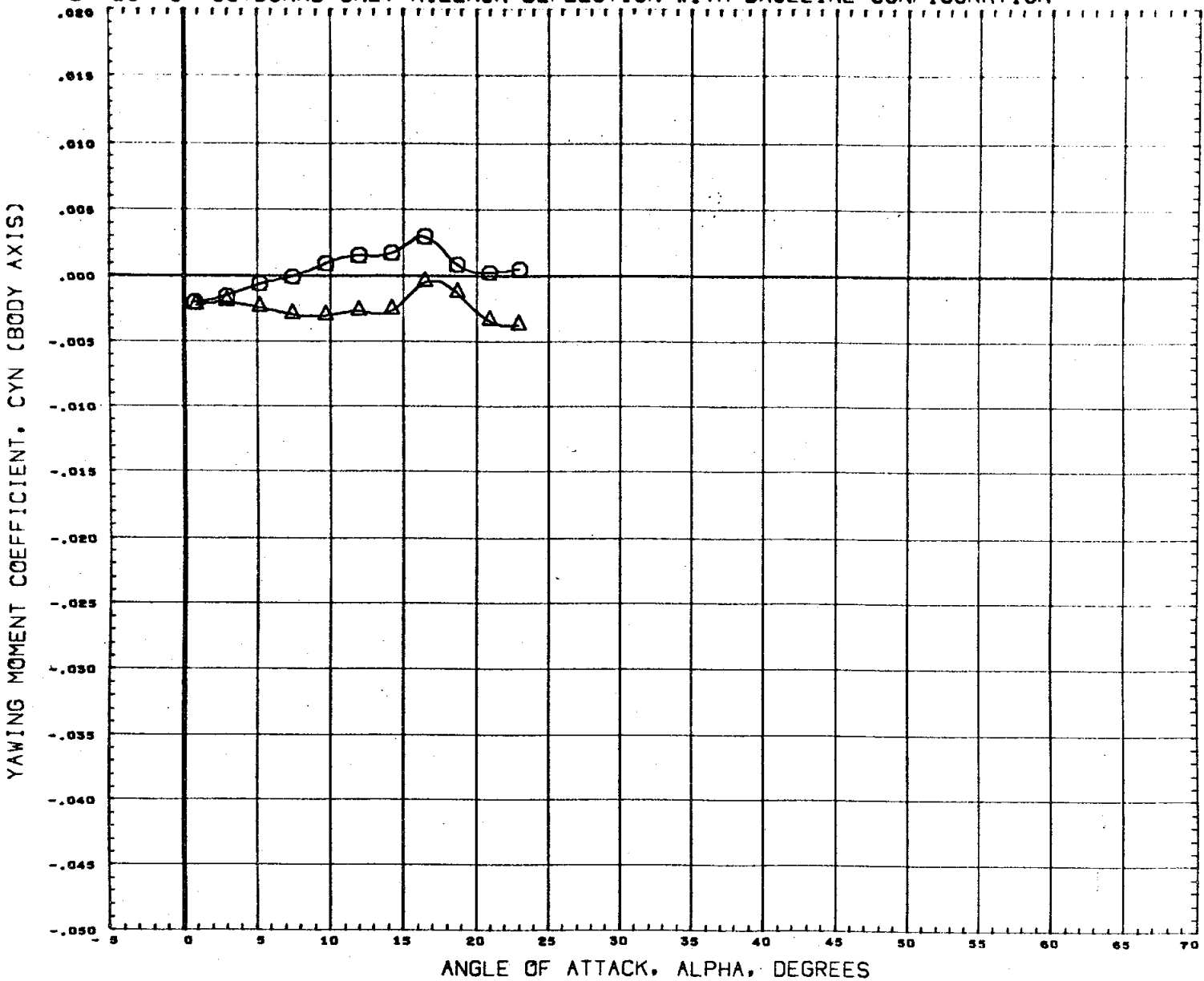


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76521)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

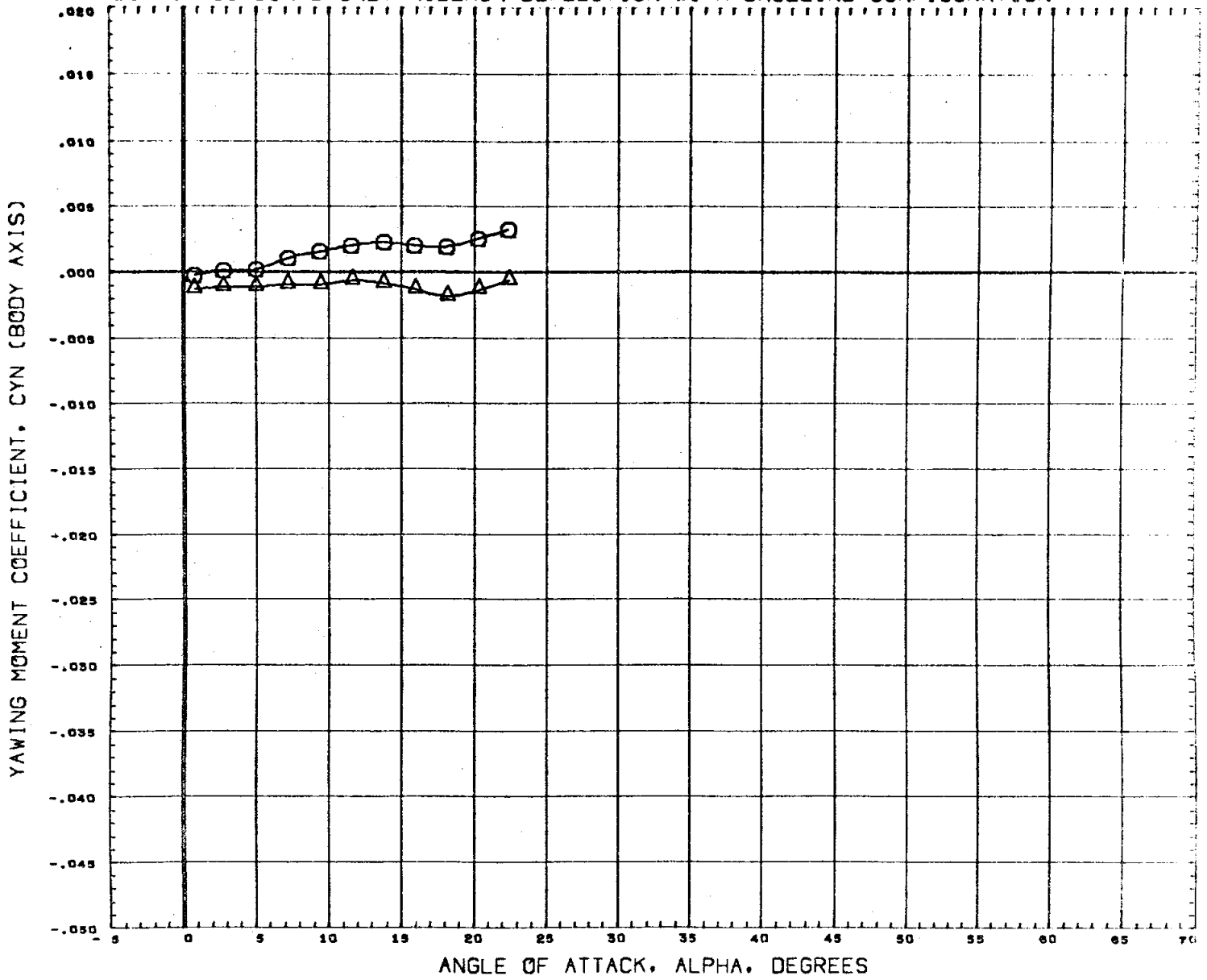
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

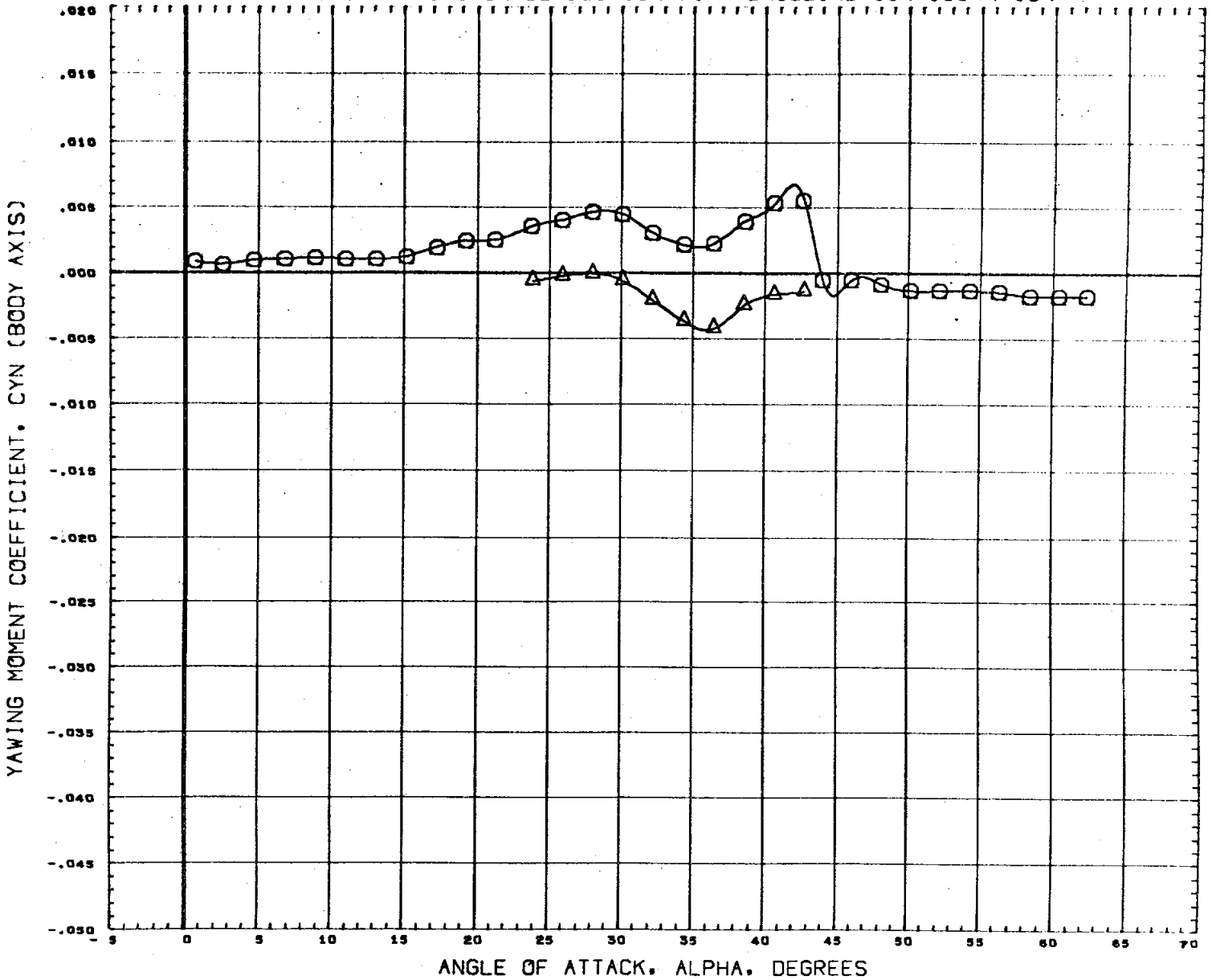
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

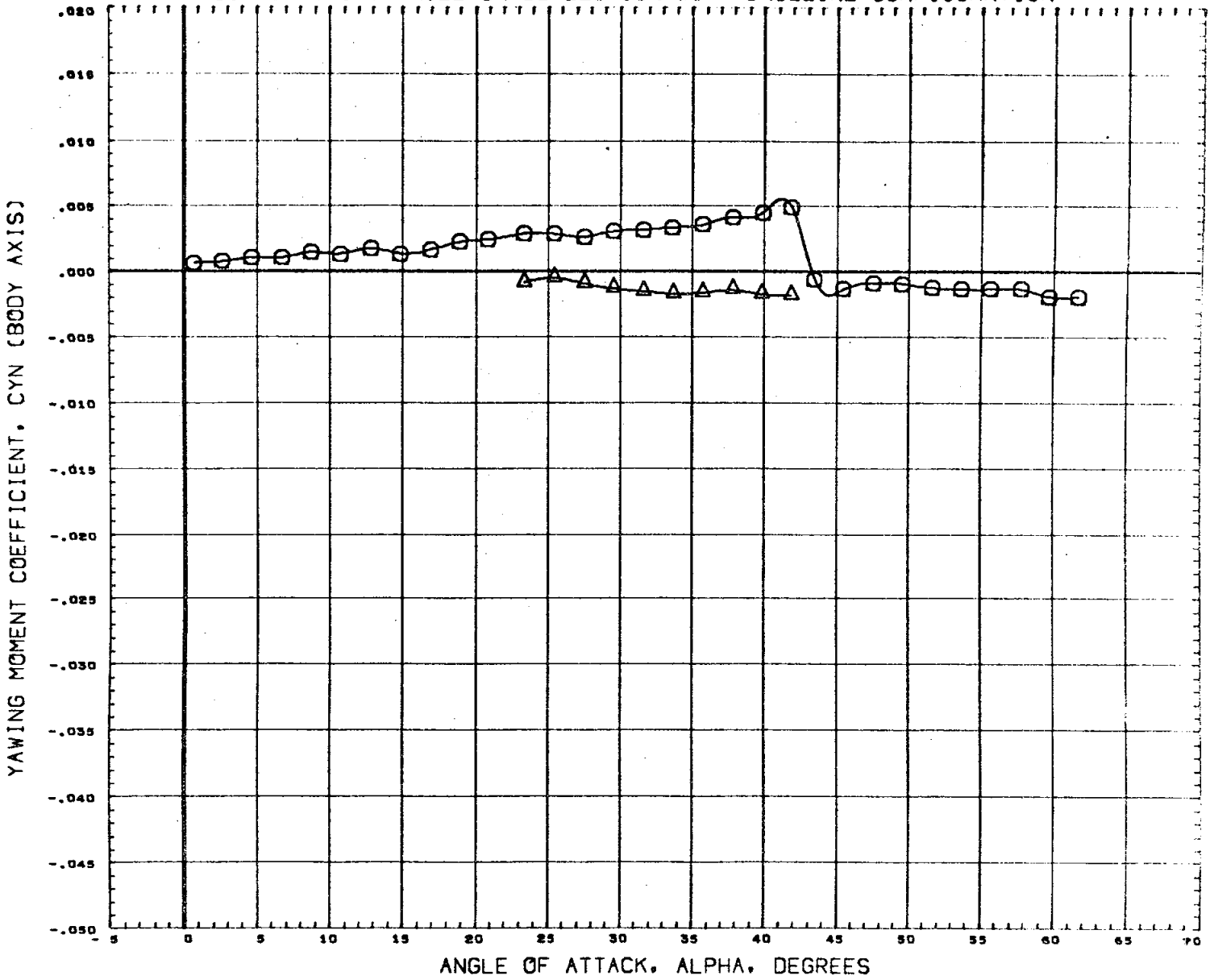


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OSDAIL	RUDFLR	OSDELV	REFERENCE INFORMATION
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

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# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(A76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(A76821)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

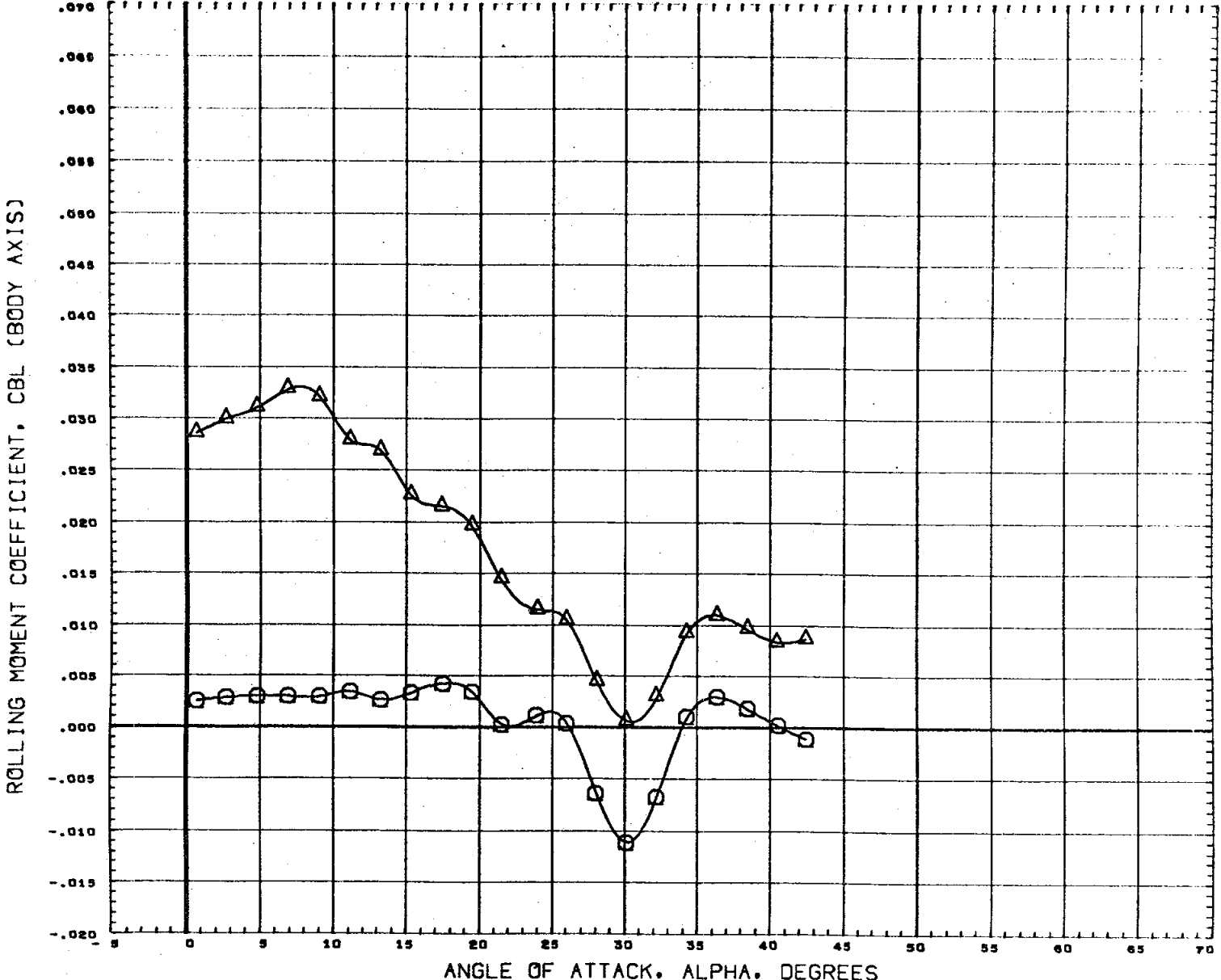
MACH

4.96

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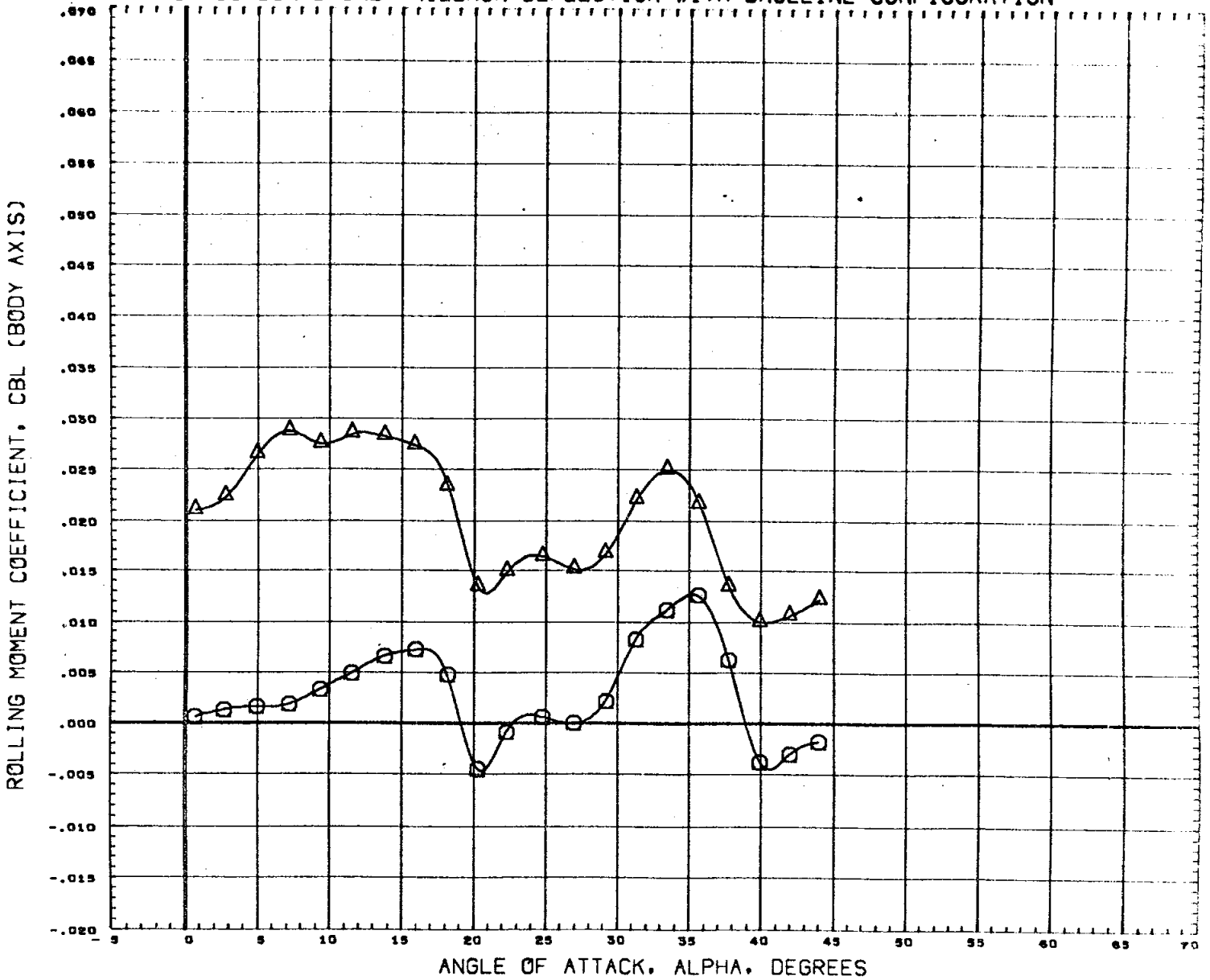
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH .59

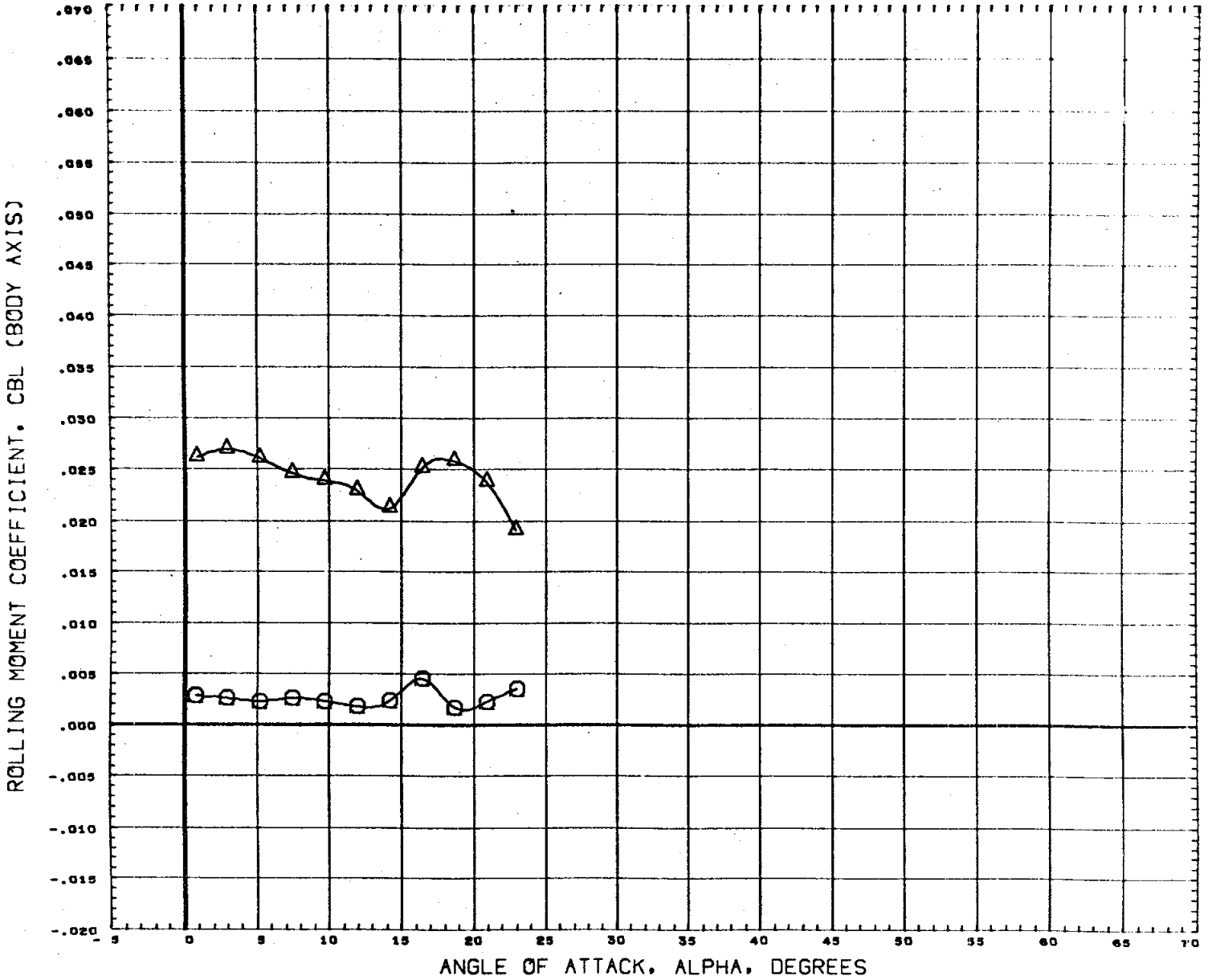
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76505)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

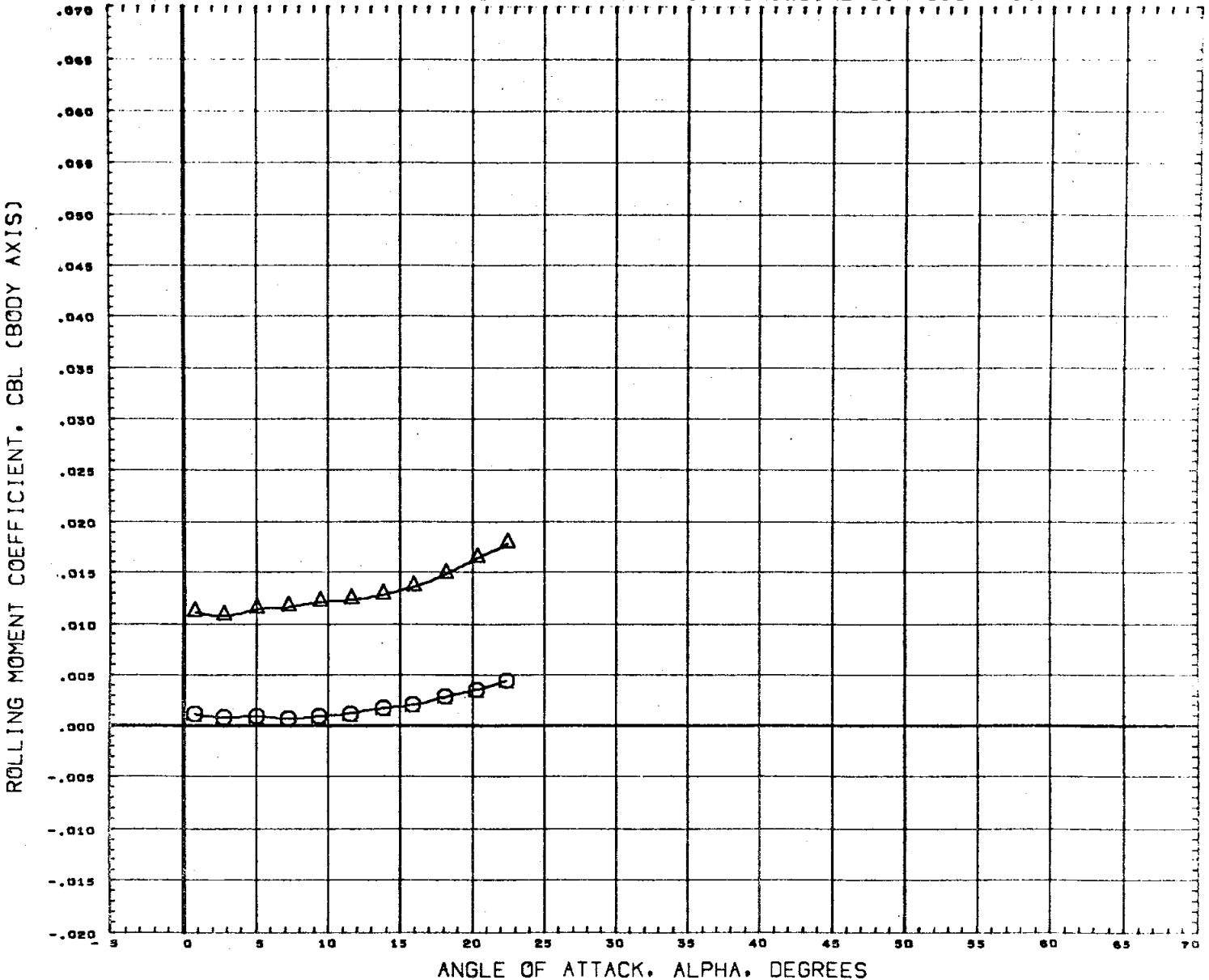


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0300 IN.
						XMRP 3.4930 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

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# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

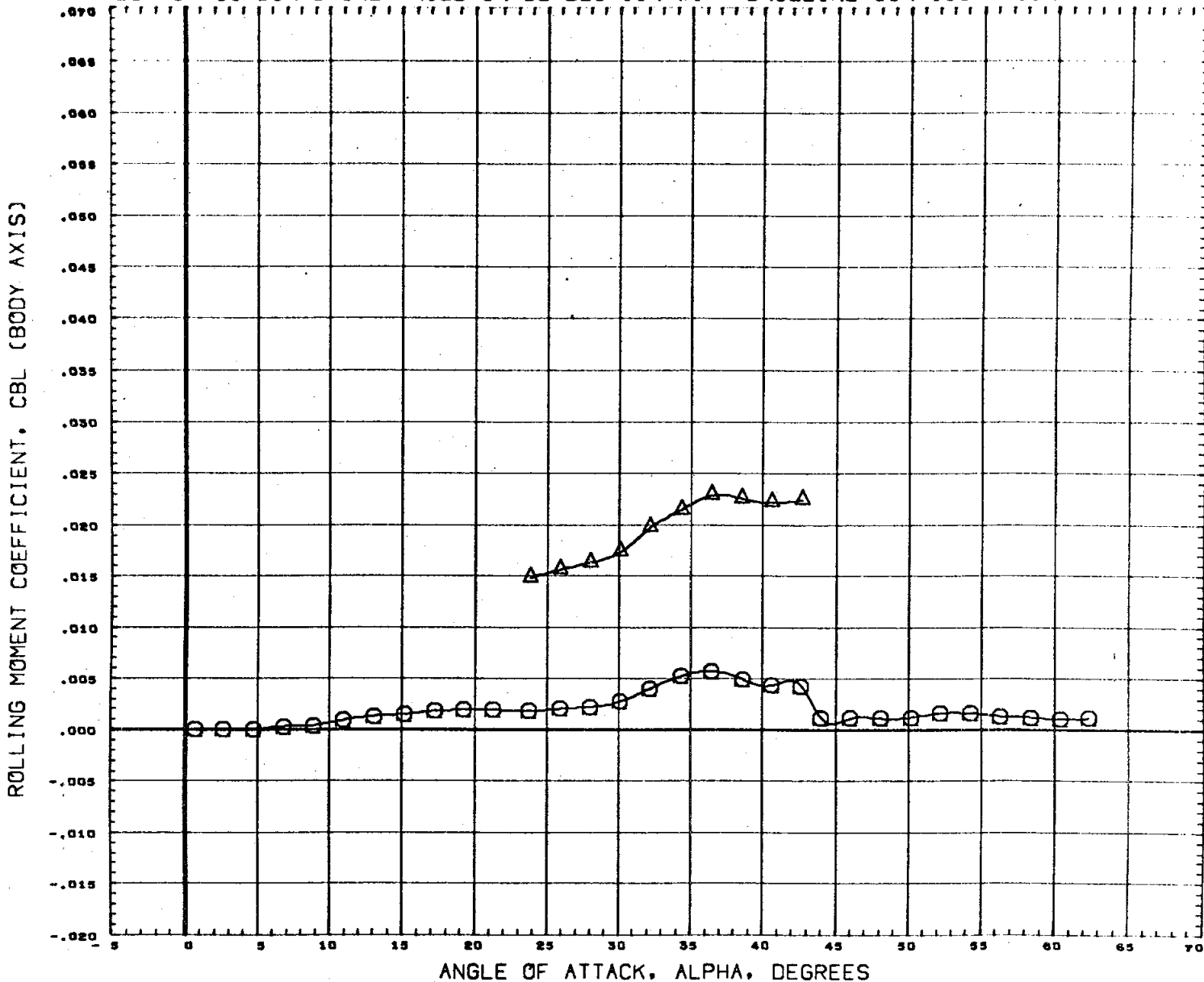


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION	
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(A76321)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF	2.1020 IN.
						BREF	4.0300 IN.
						XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 1.97

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# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION

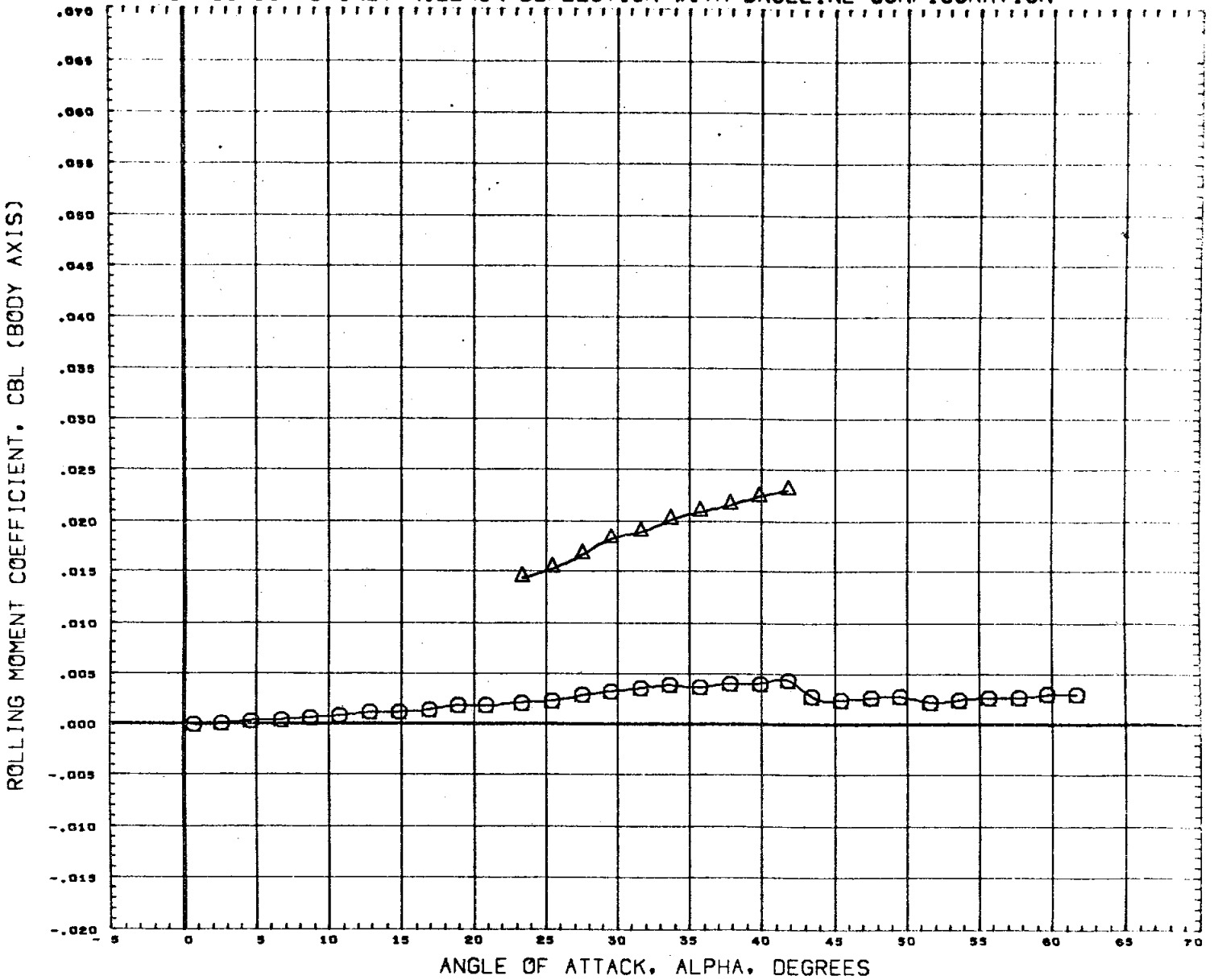


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A7630S)	M555 (PAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76321)	M555 (PAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

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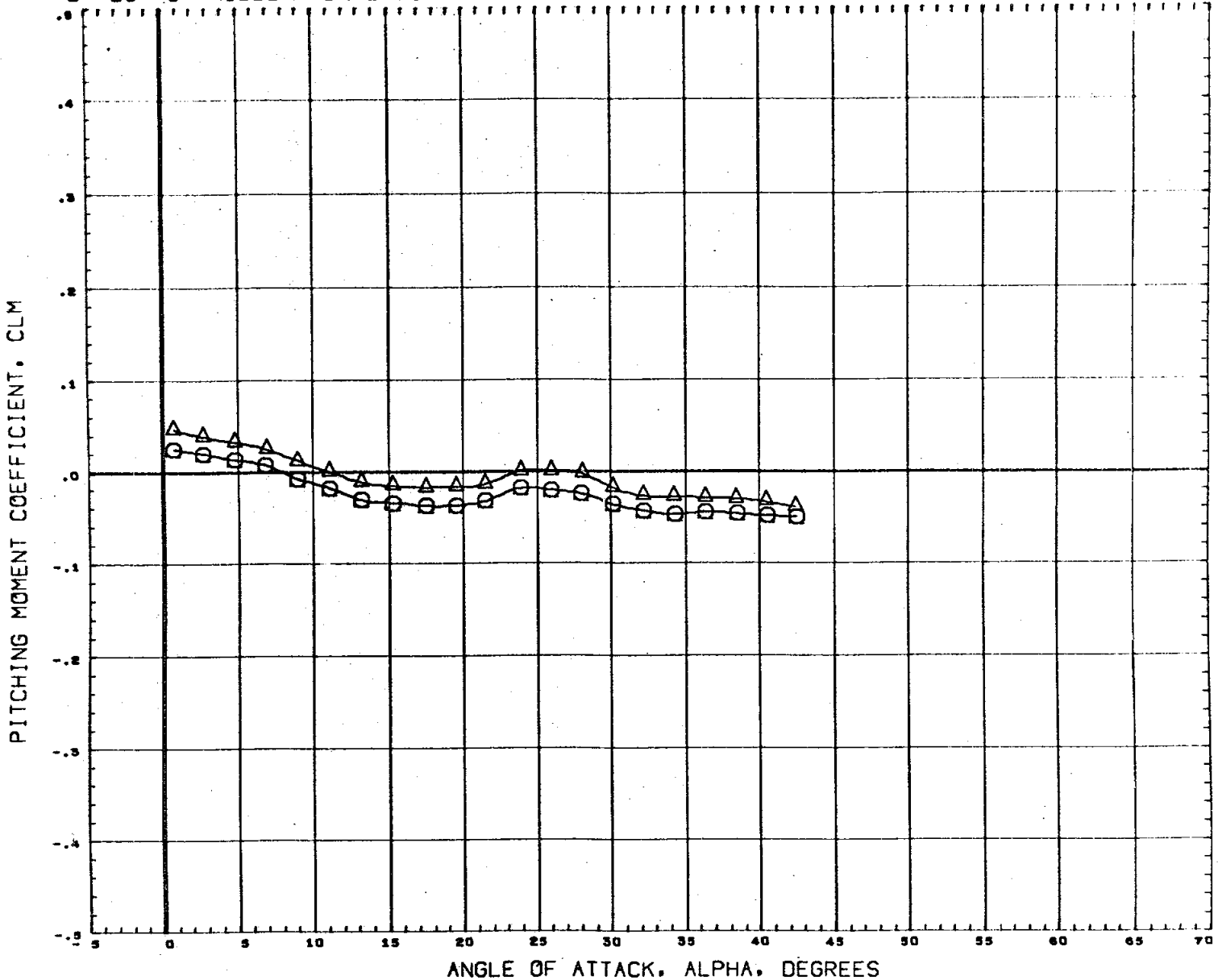
# EFFECT OF OUTBOARD ONLY AILERON DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	OBDAIL	RUDFLR	OBDELV	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76521)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	0.000	LREF 2.1020 IN.
						BREF 4.0500 IN.
						XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

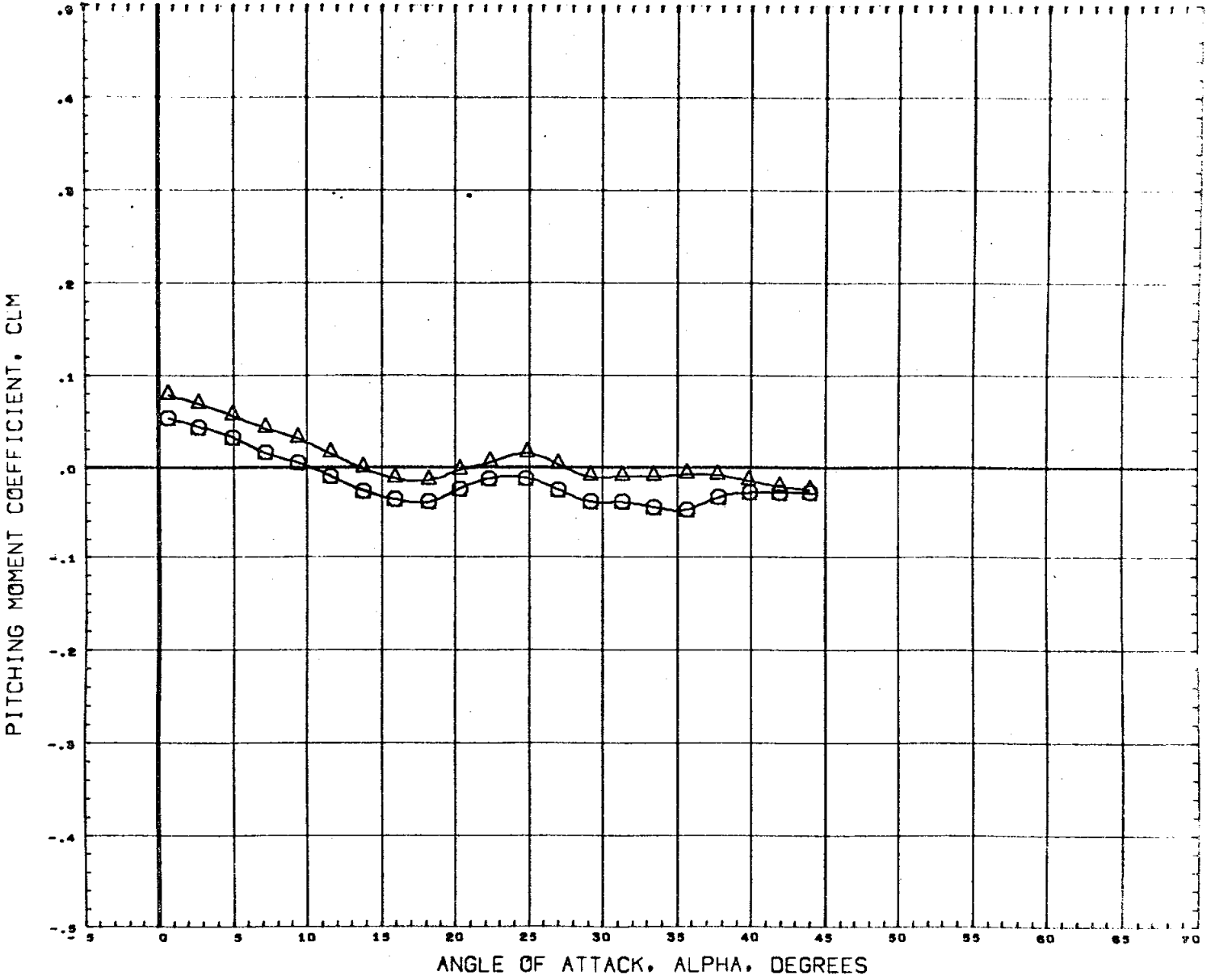
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S23)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					SREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



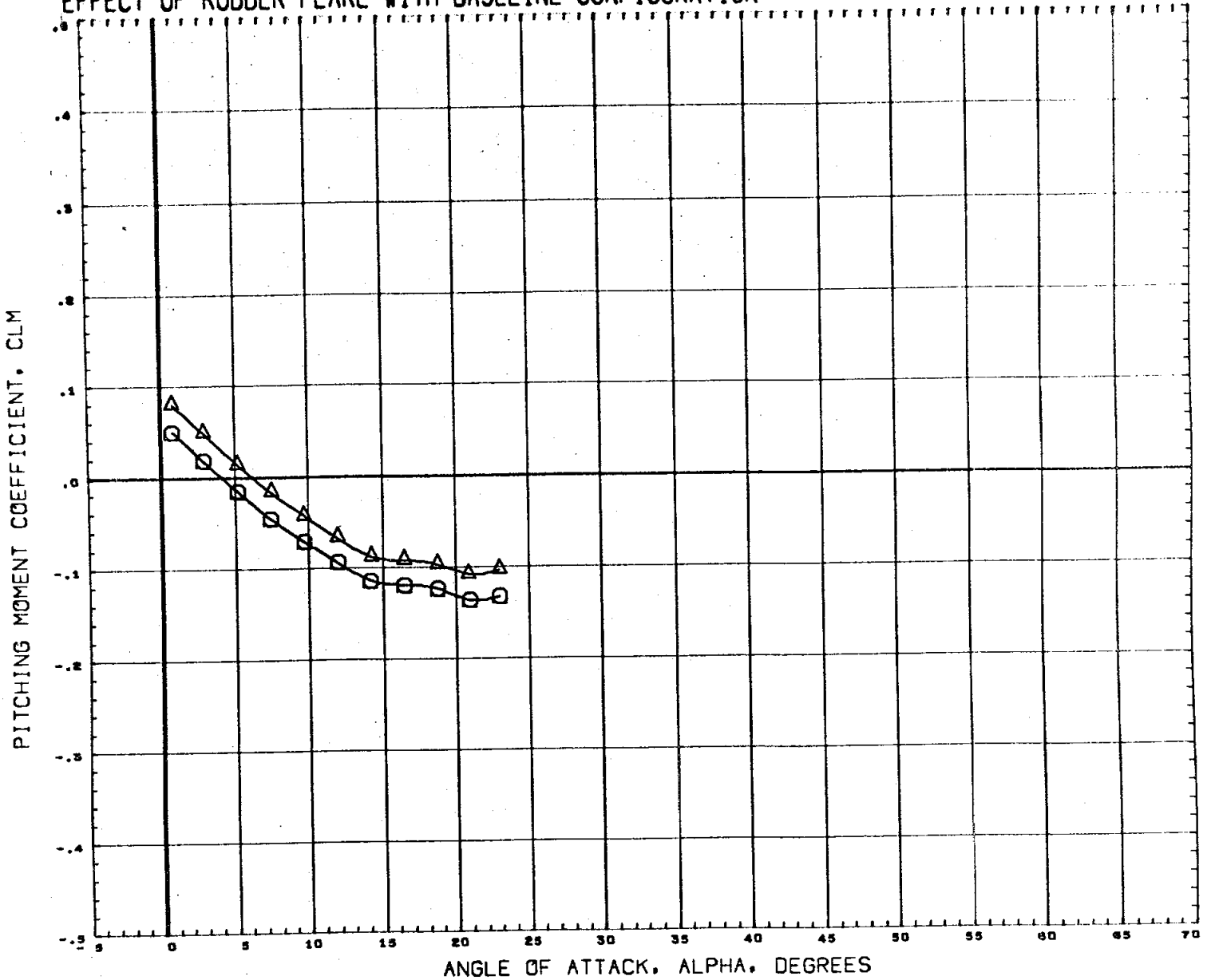
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

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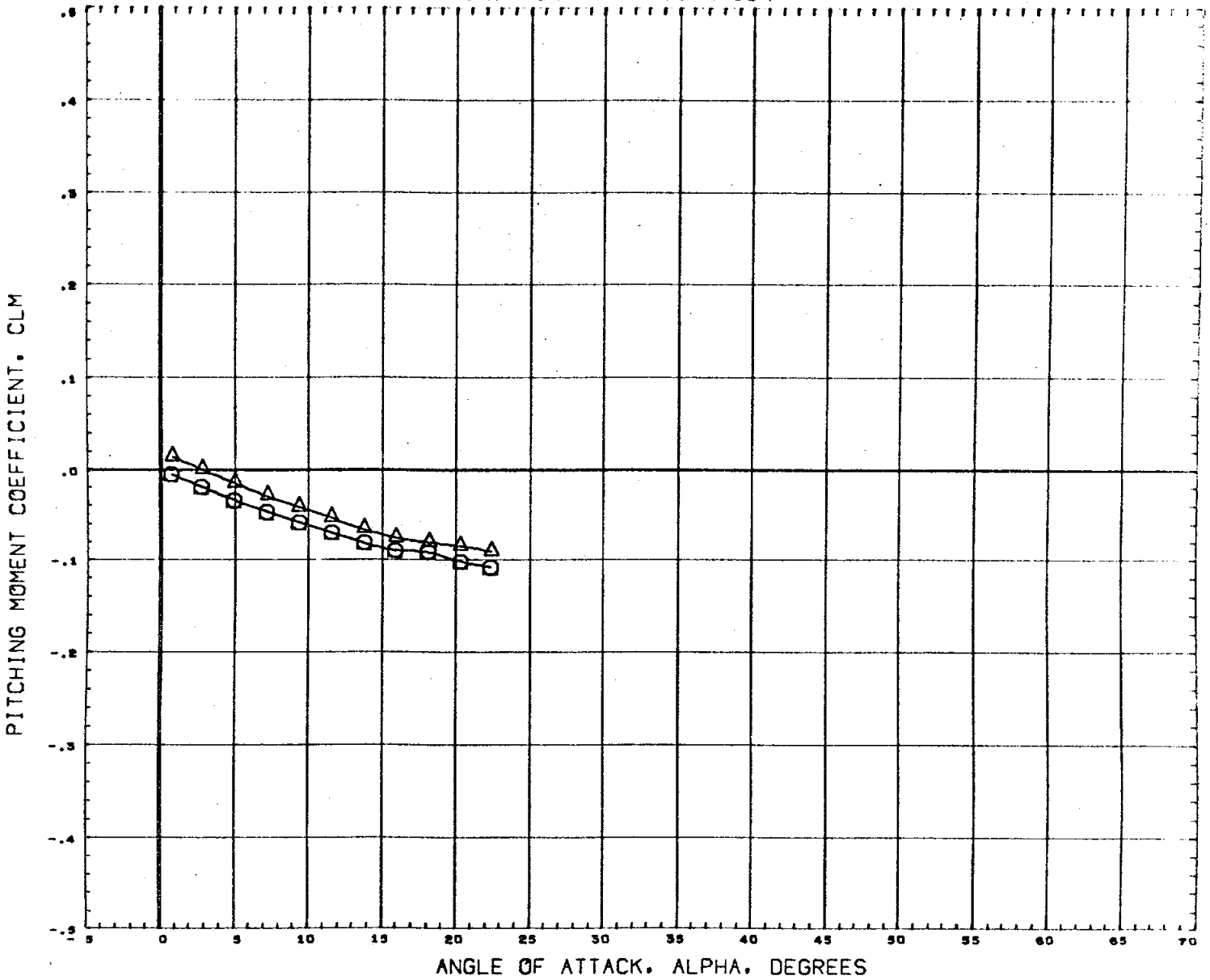
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

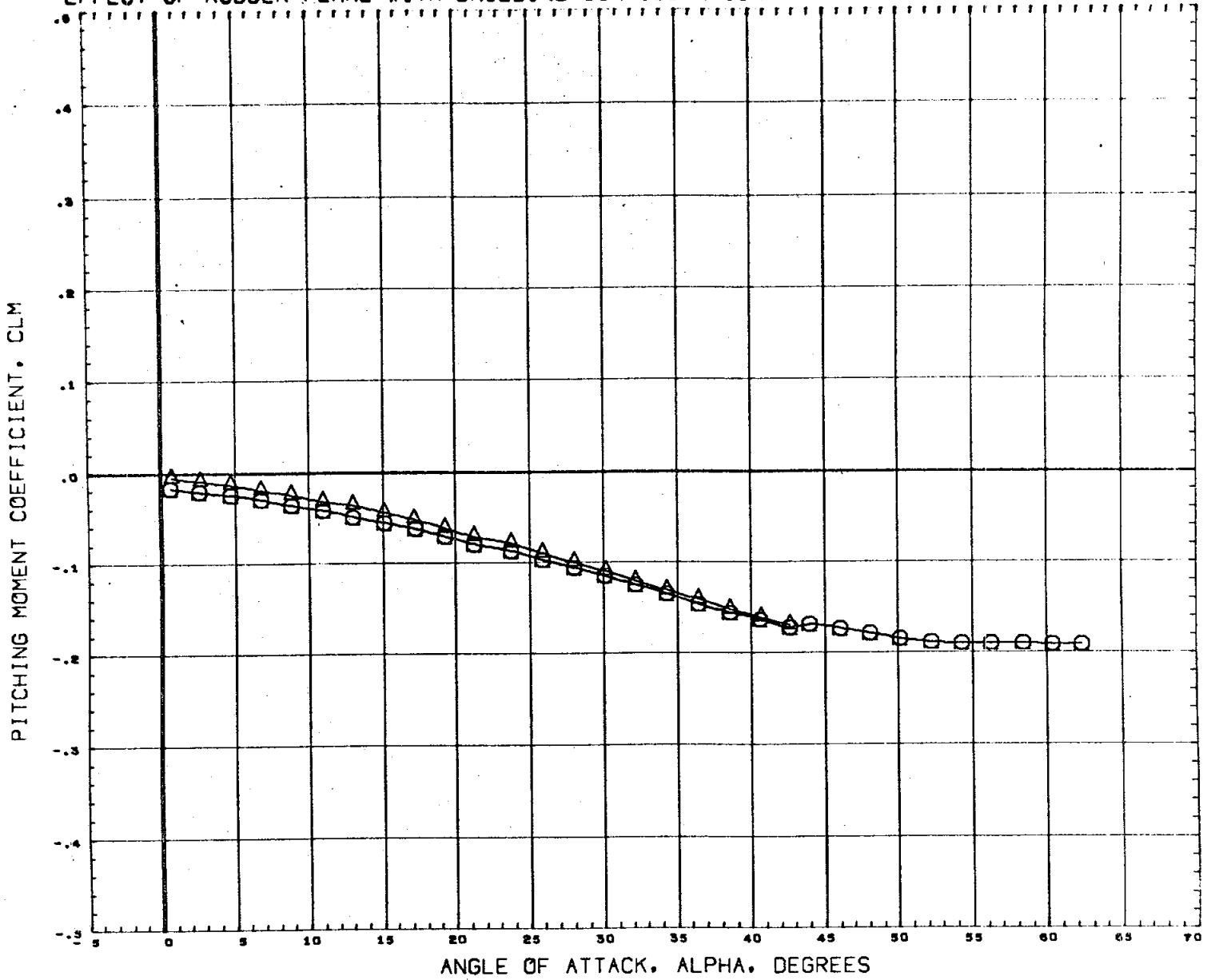
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 99. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

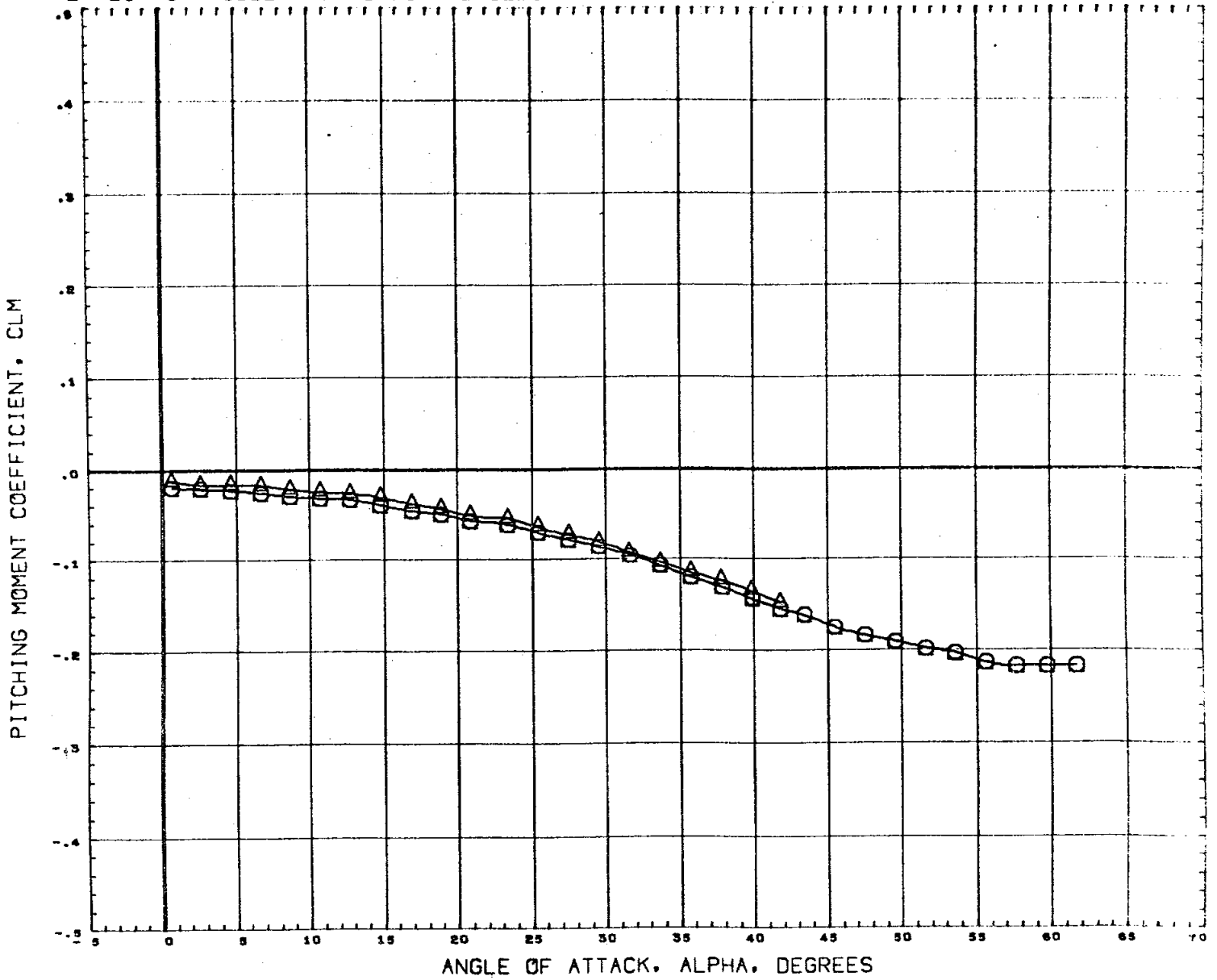


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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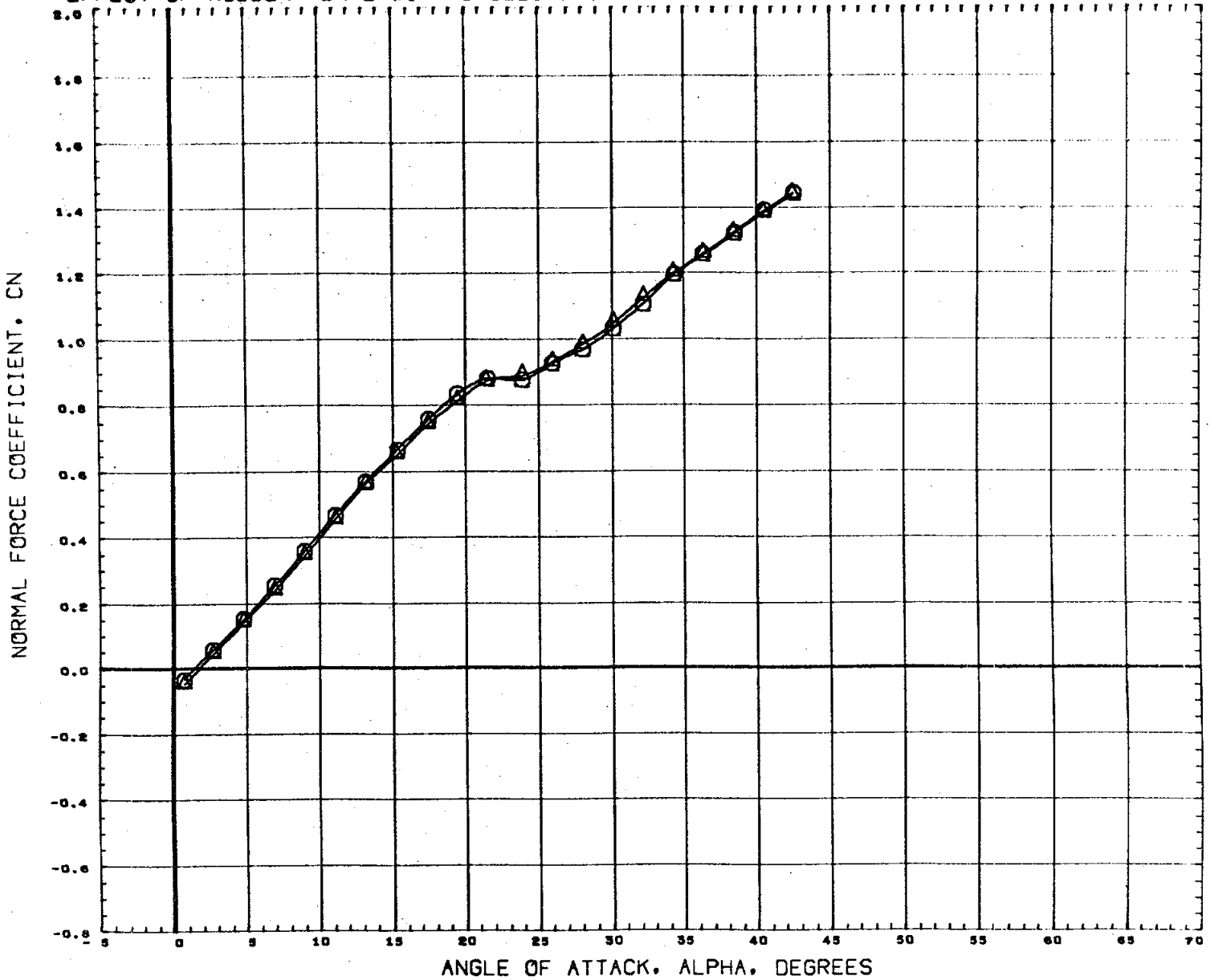
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

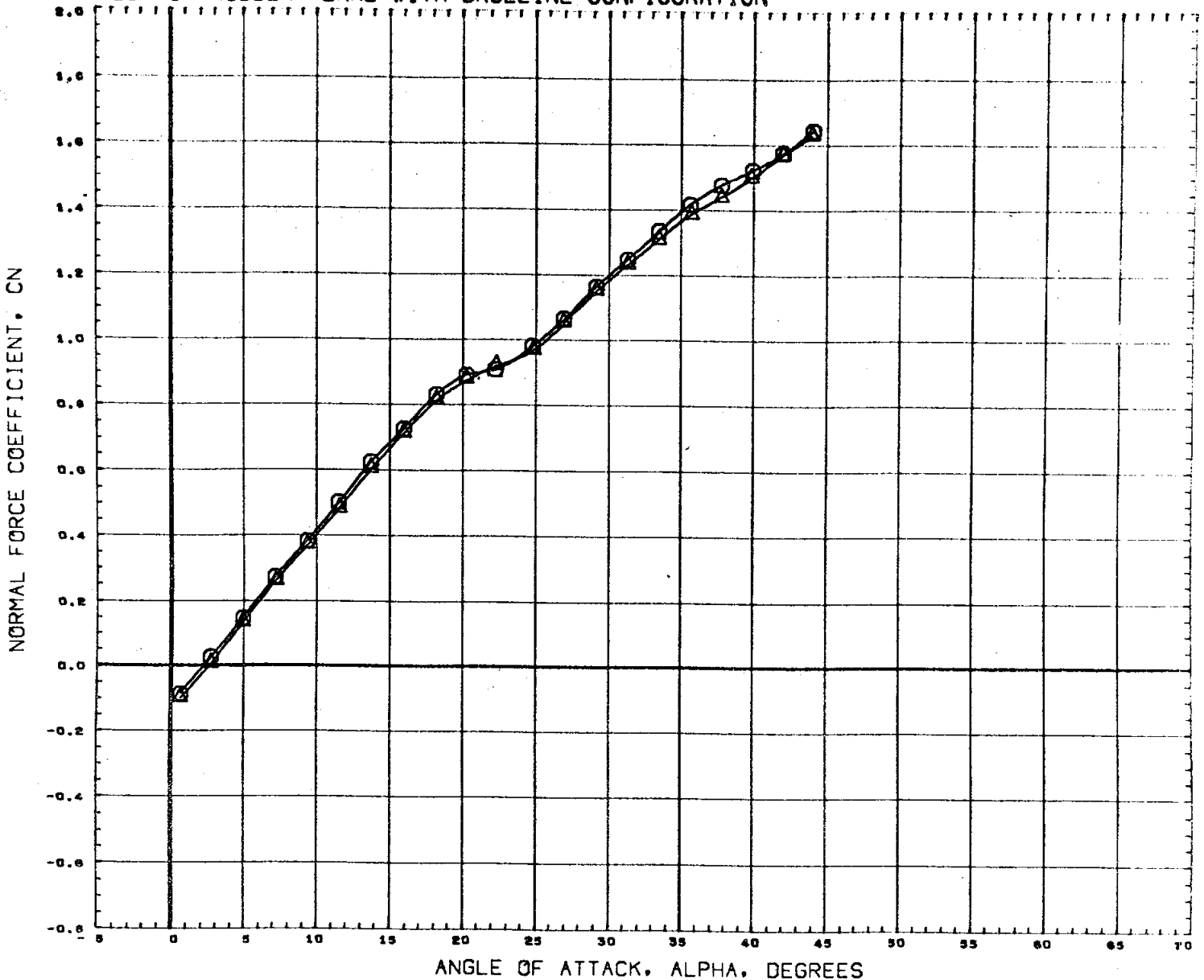
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

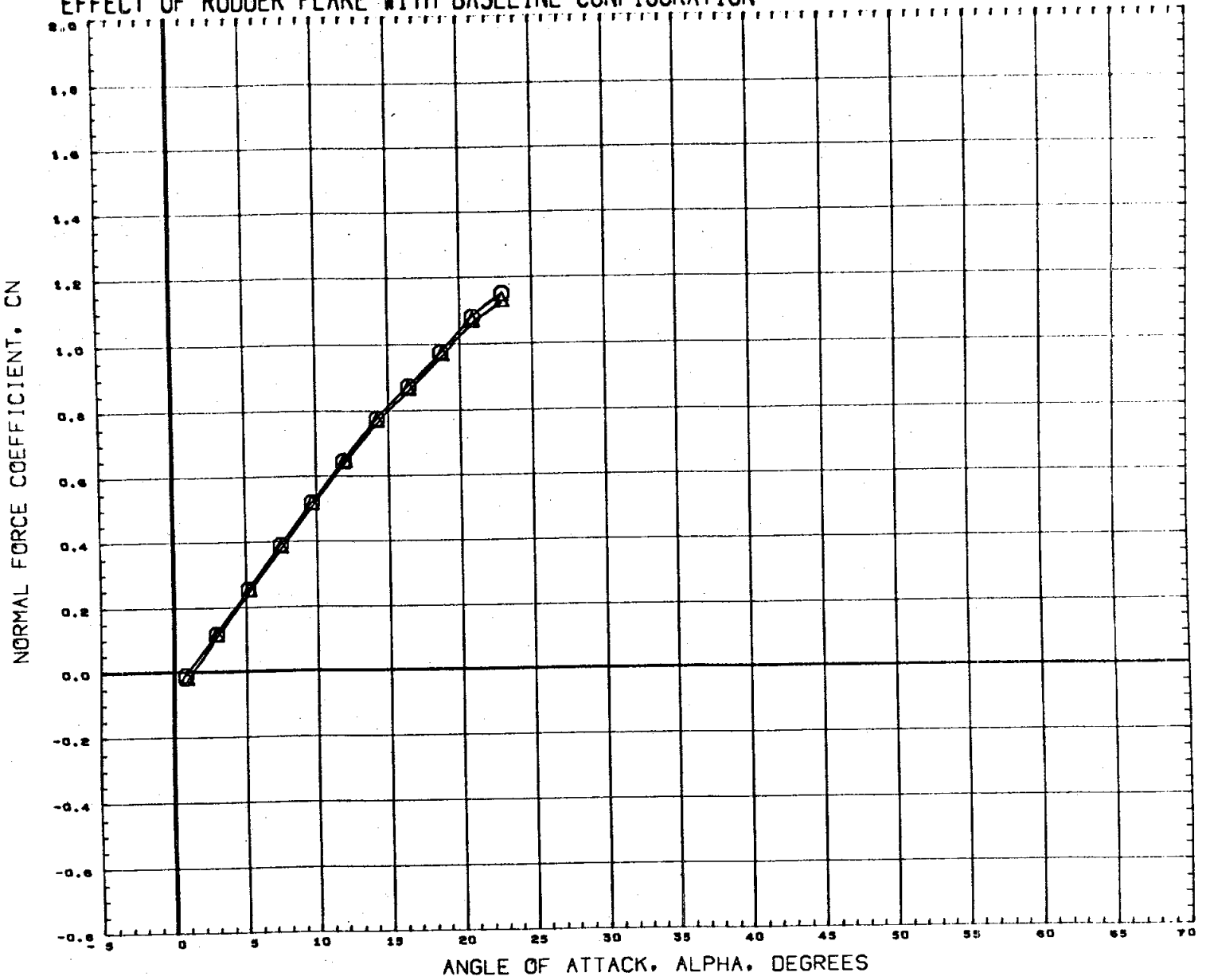
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

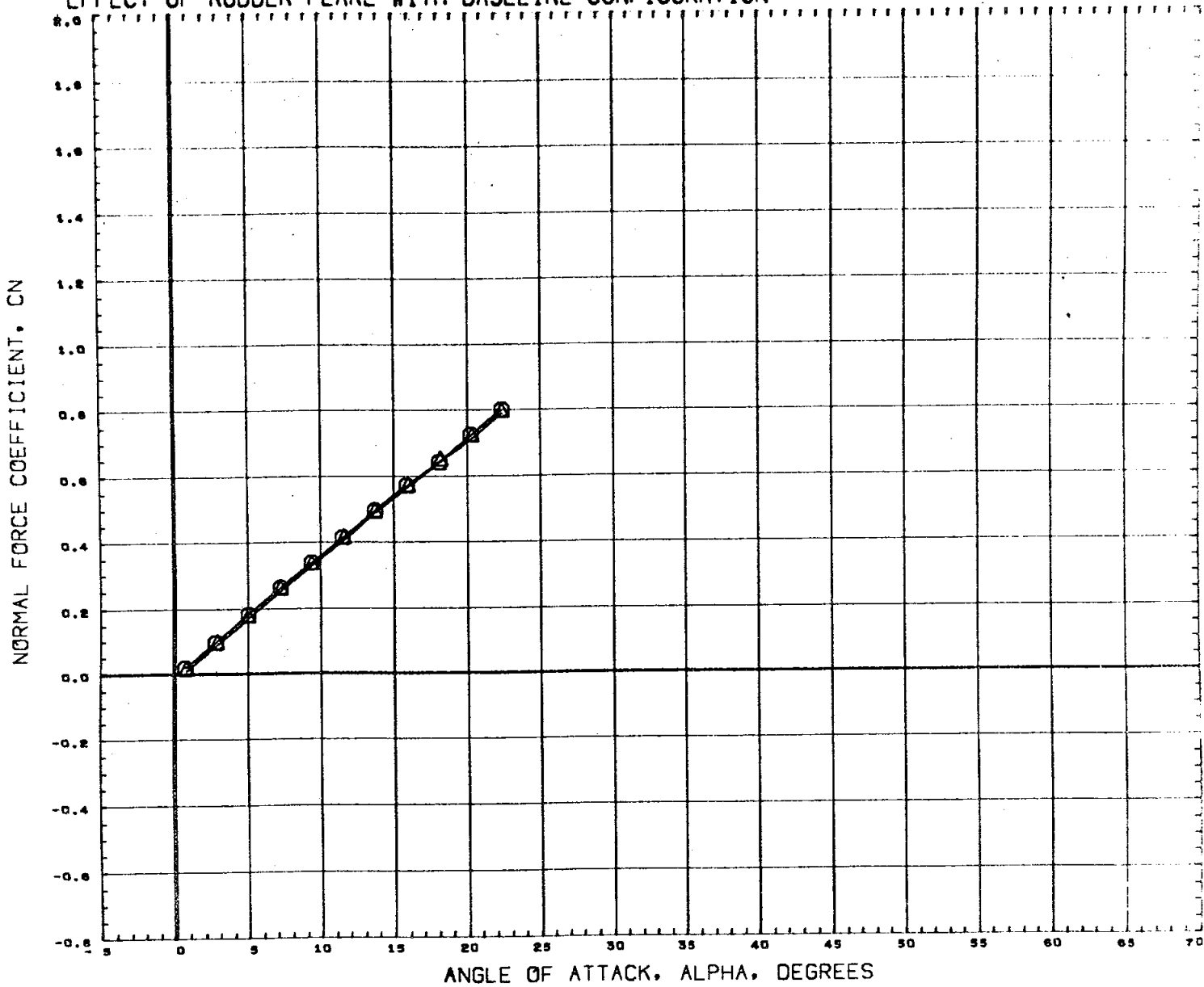
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76823)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 1.20

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

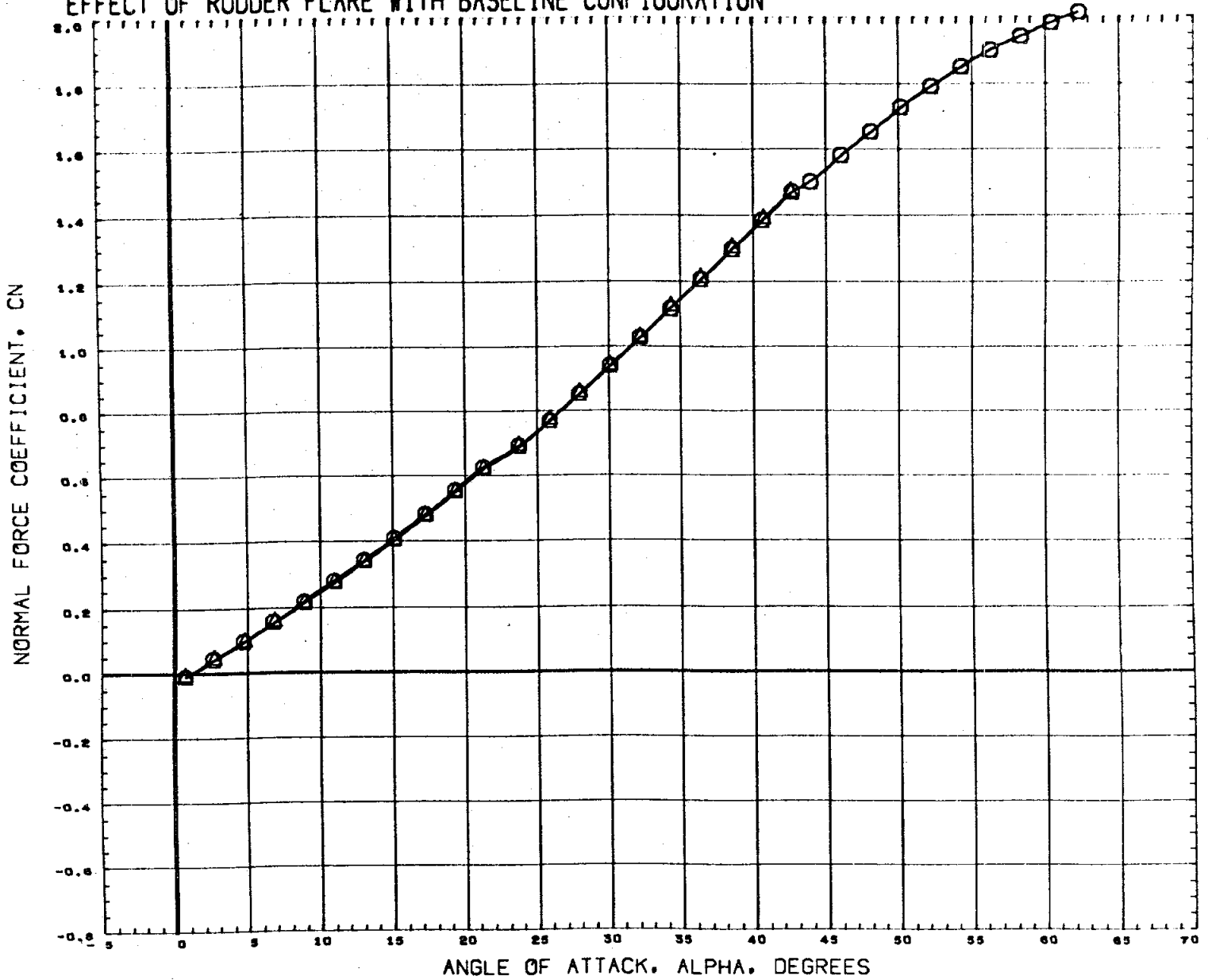


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97



# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

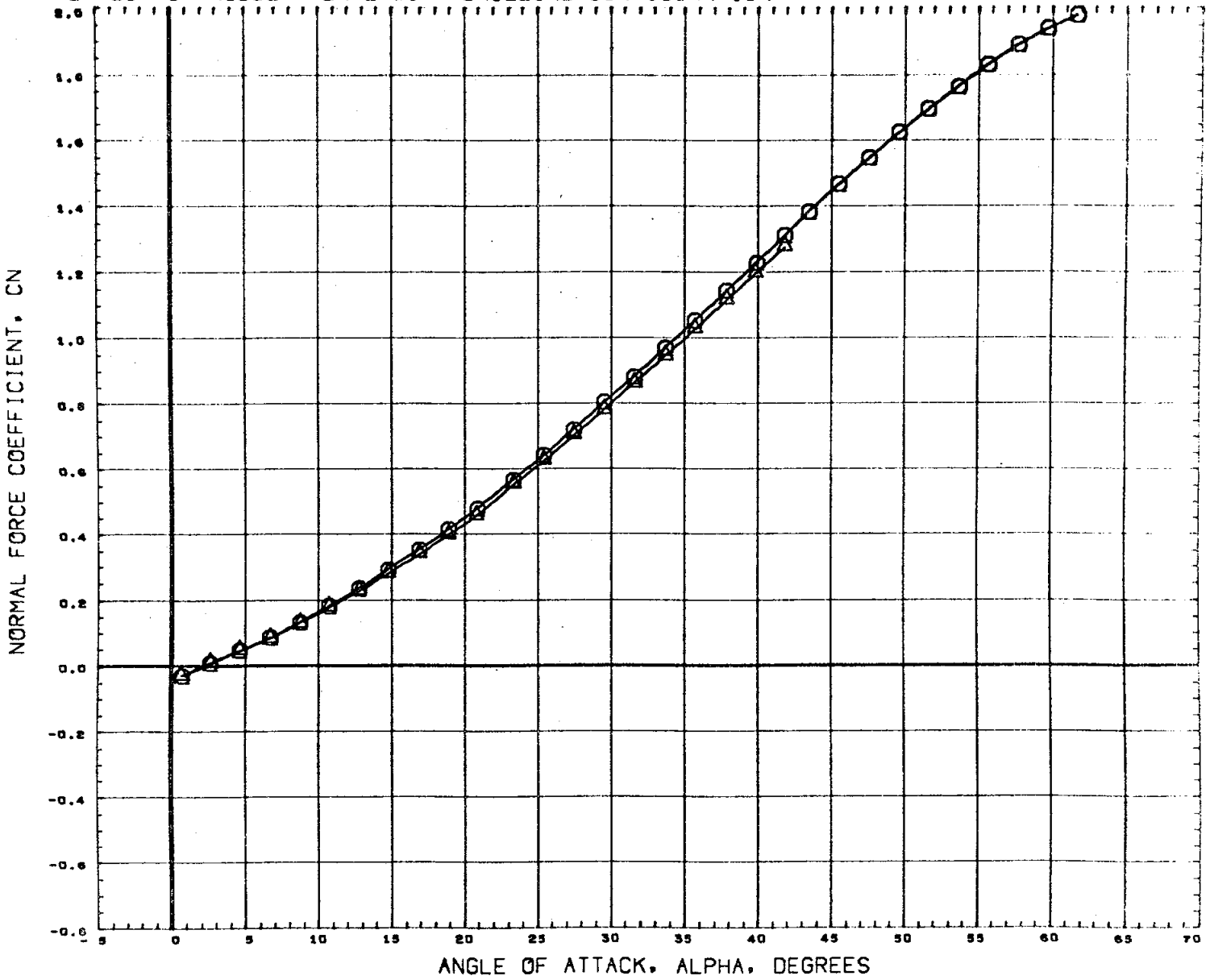


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C7652S)	M555 (FA3) NAR ATP ORB (B1C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4550 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

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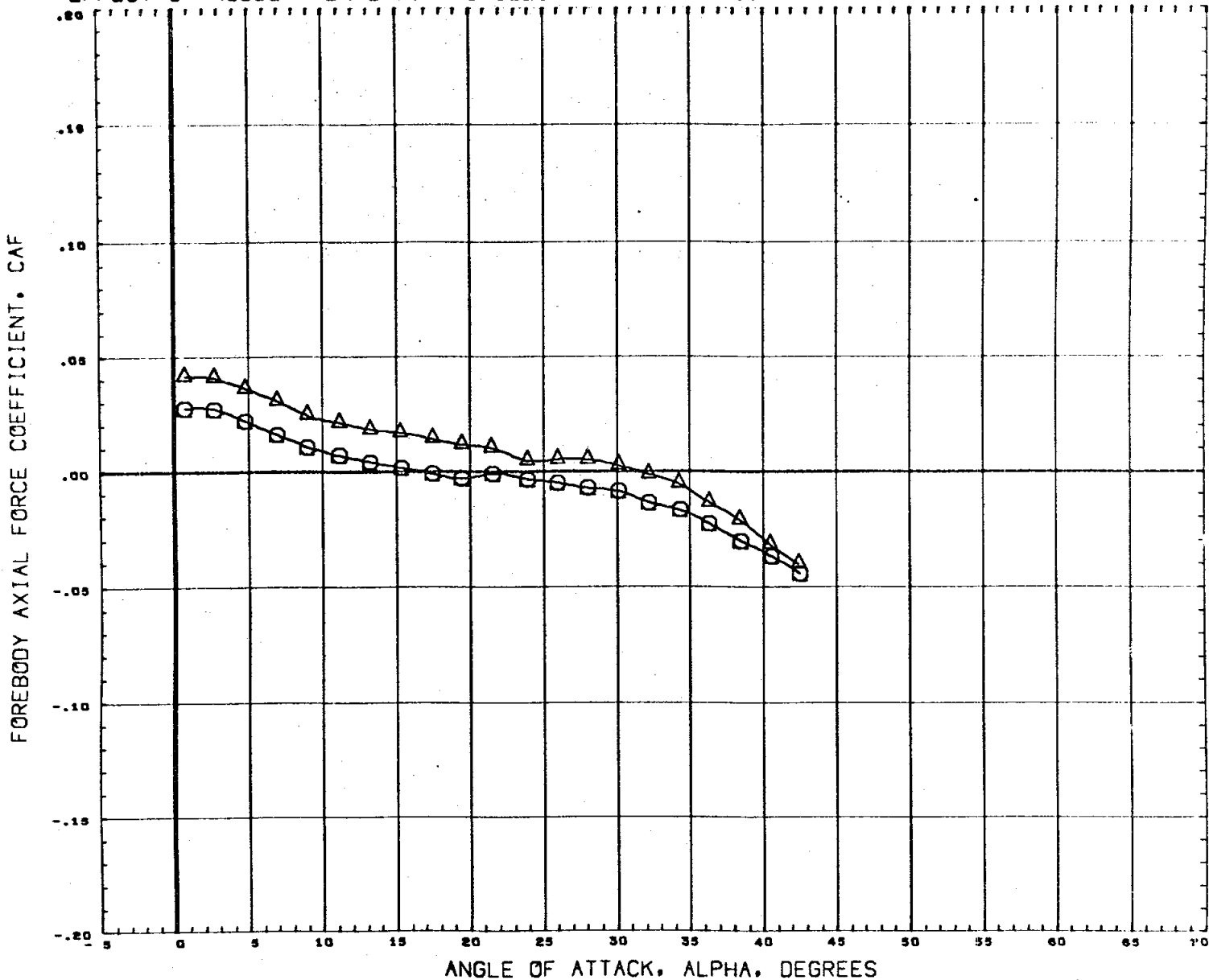
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

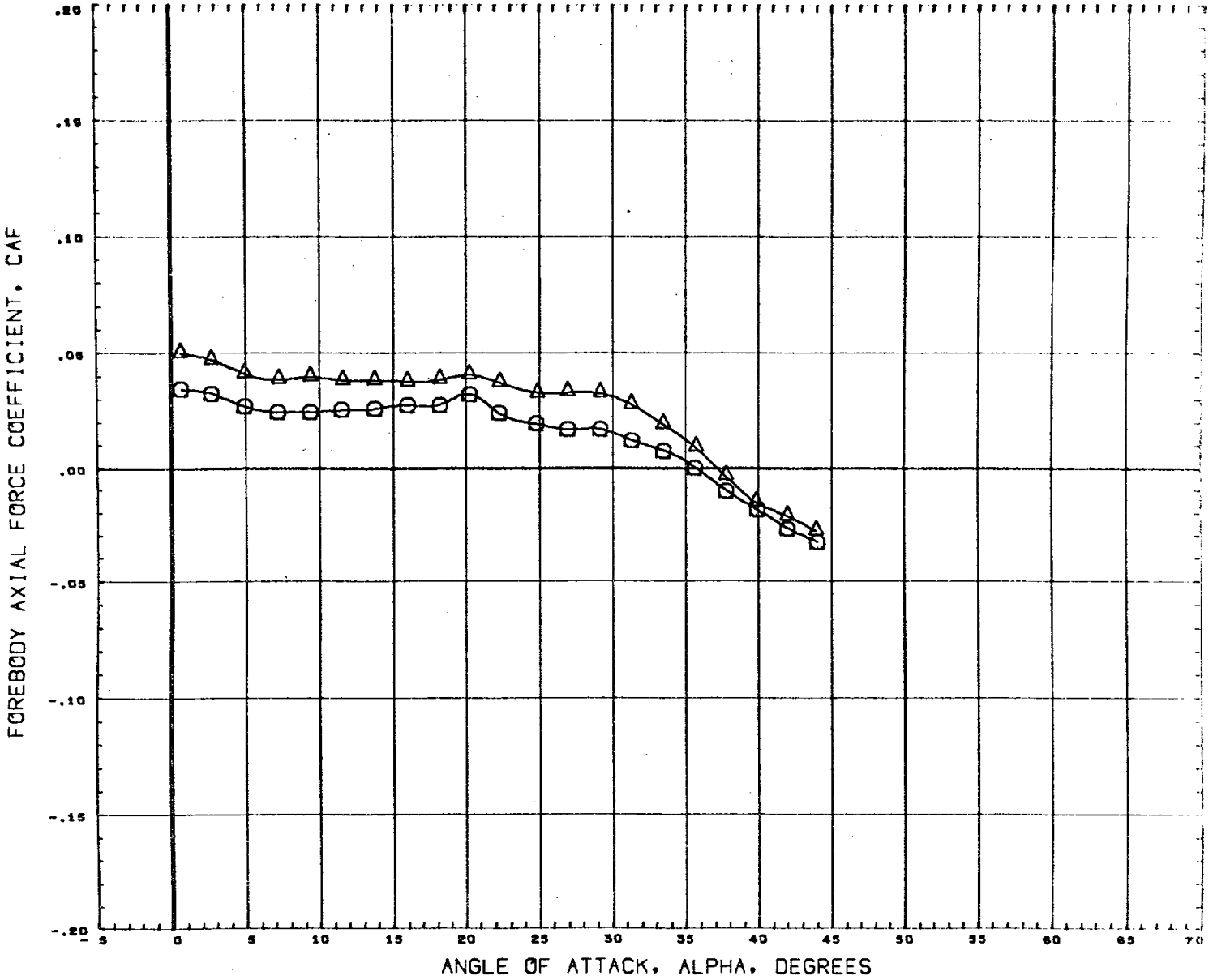
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7652S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

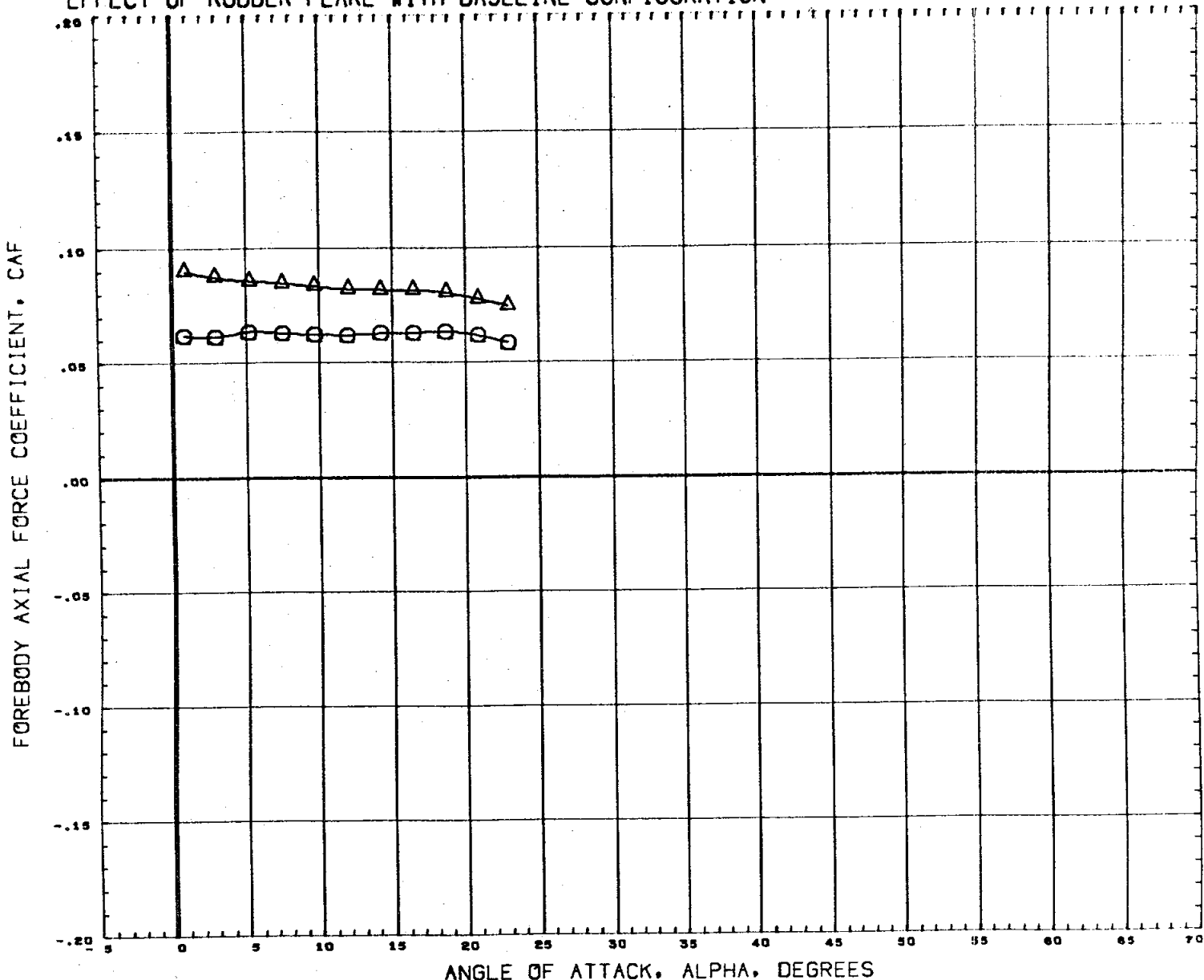
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

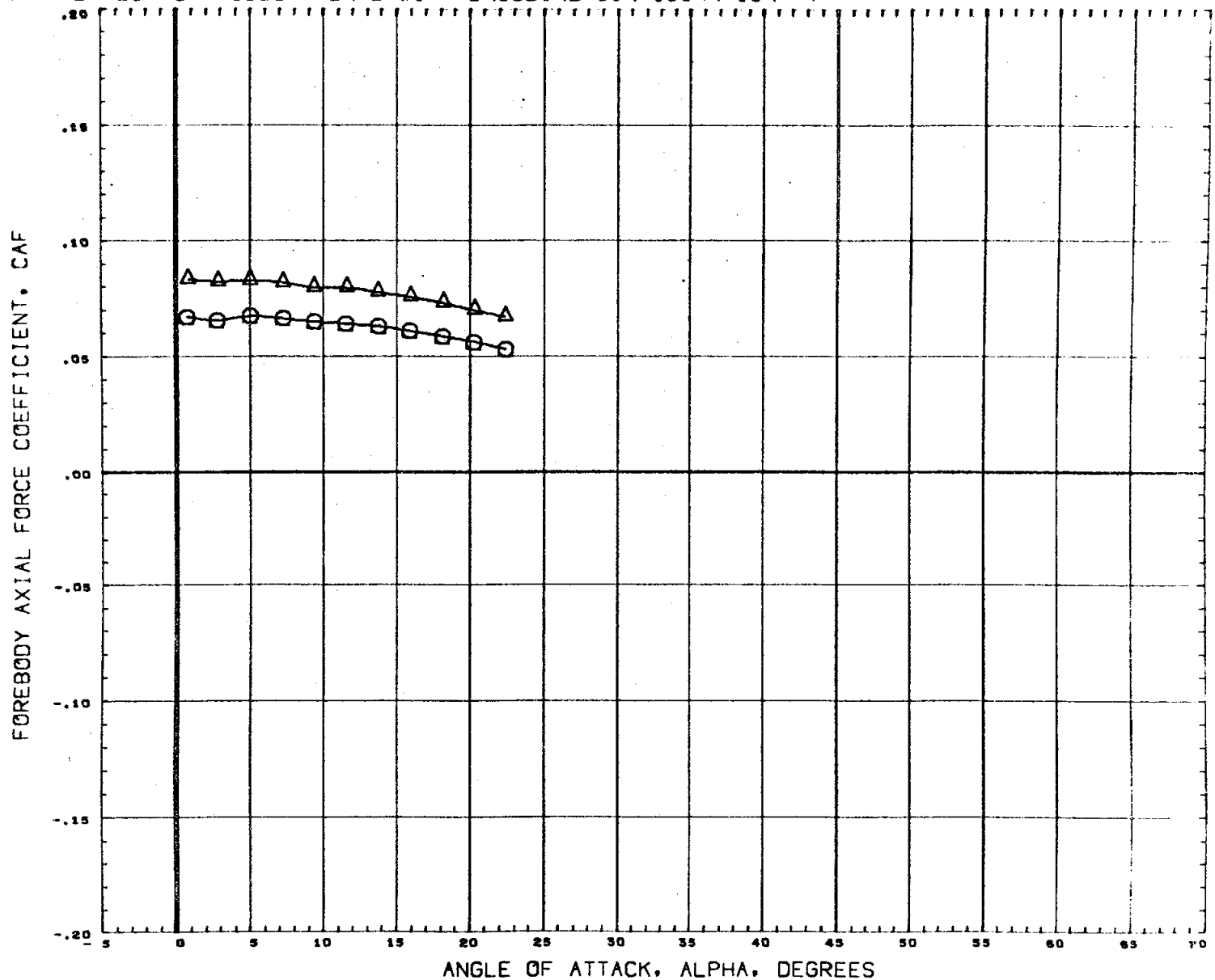
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76S23)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 1.20

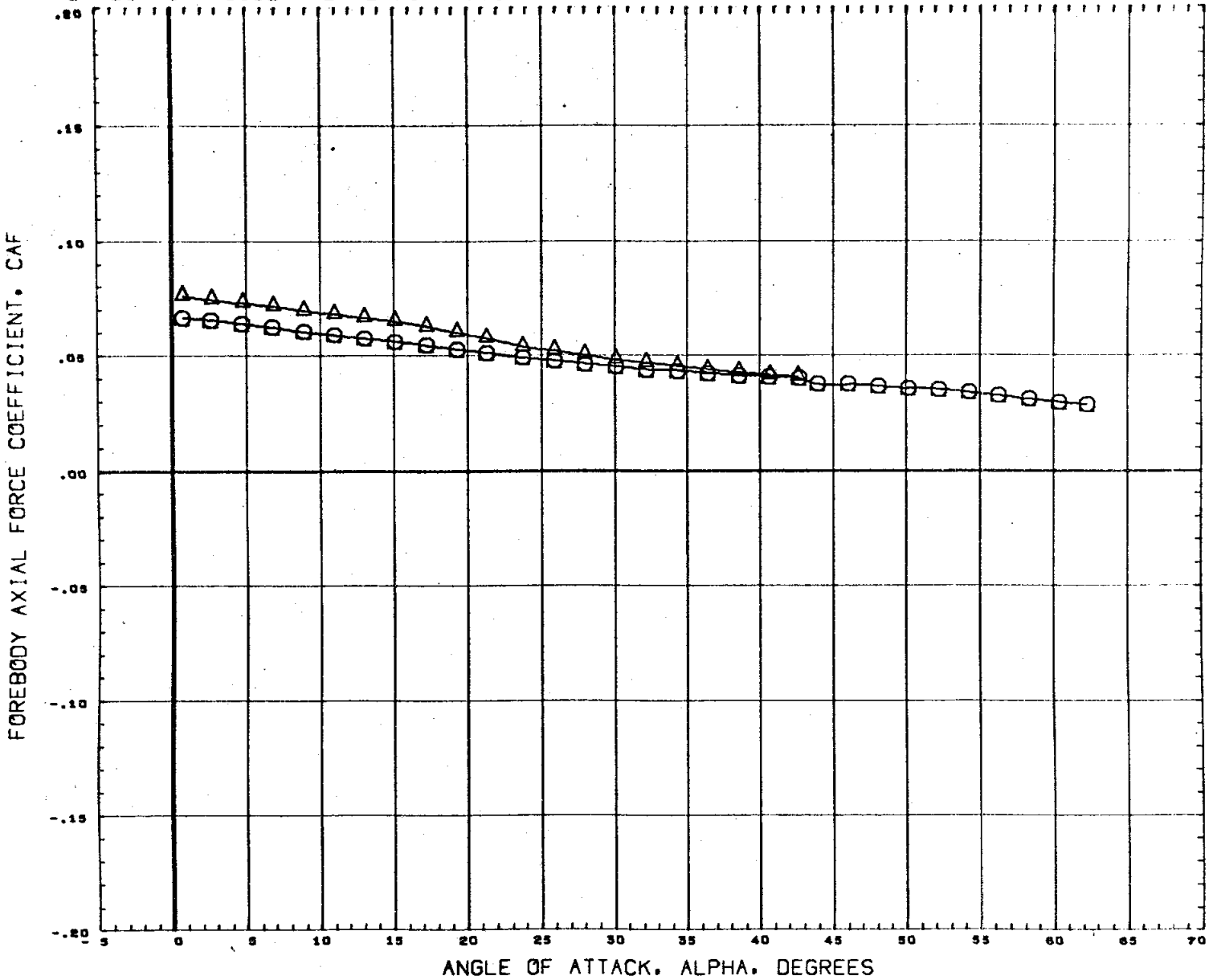
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 1.97

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

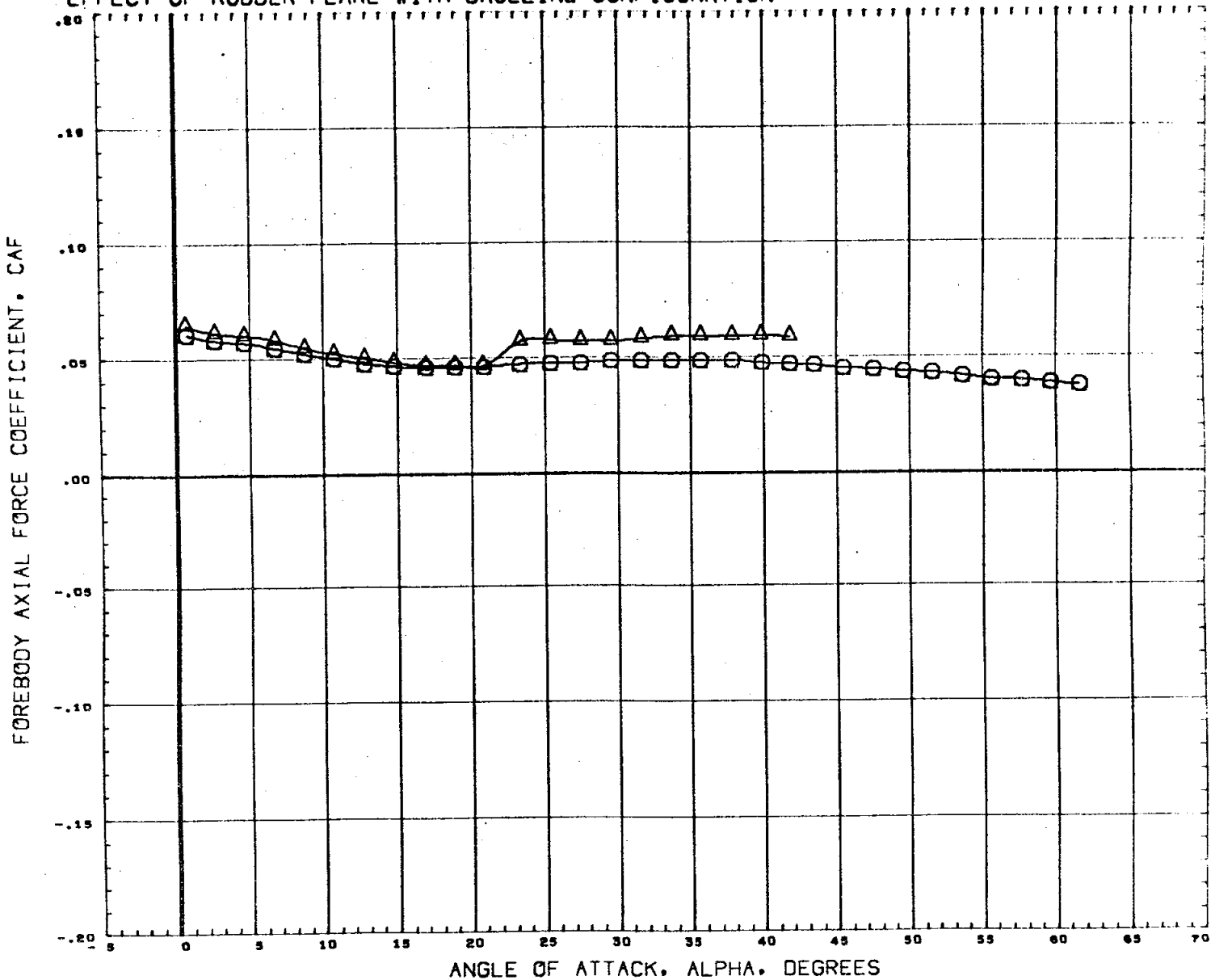


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUOFLR	REFERENCE INFORMATION		
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190	SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020	IN.
					BREF	4.0300	IN.
					XMRP	3.4530	IN.
					YMRP	0.0000	IN.
					ZMRP	0.0000	IN.
					SCALE	0.0040	

MACH 2.99

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# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

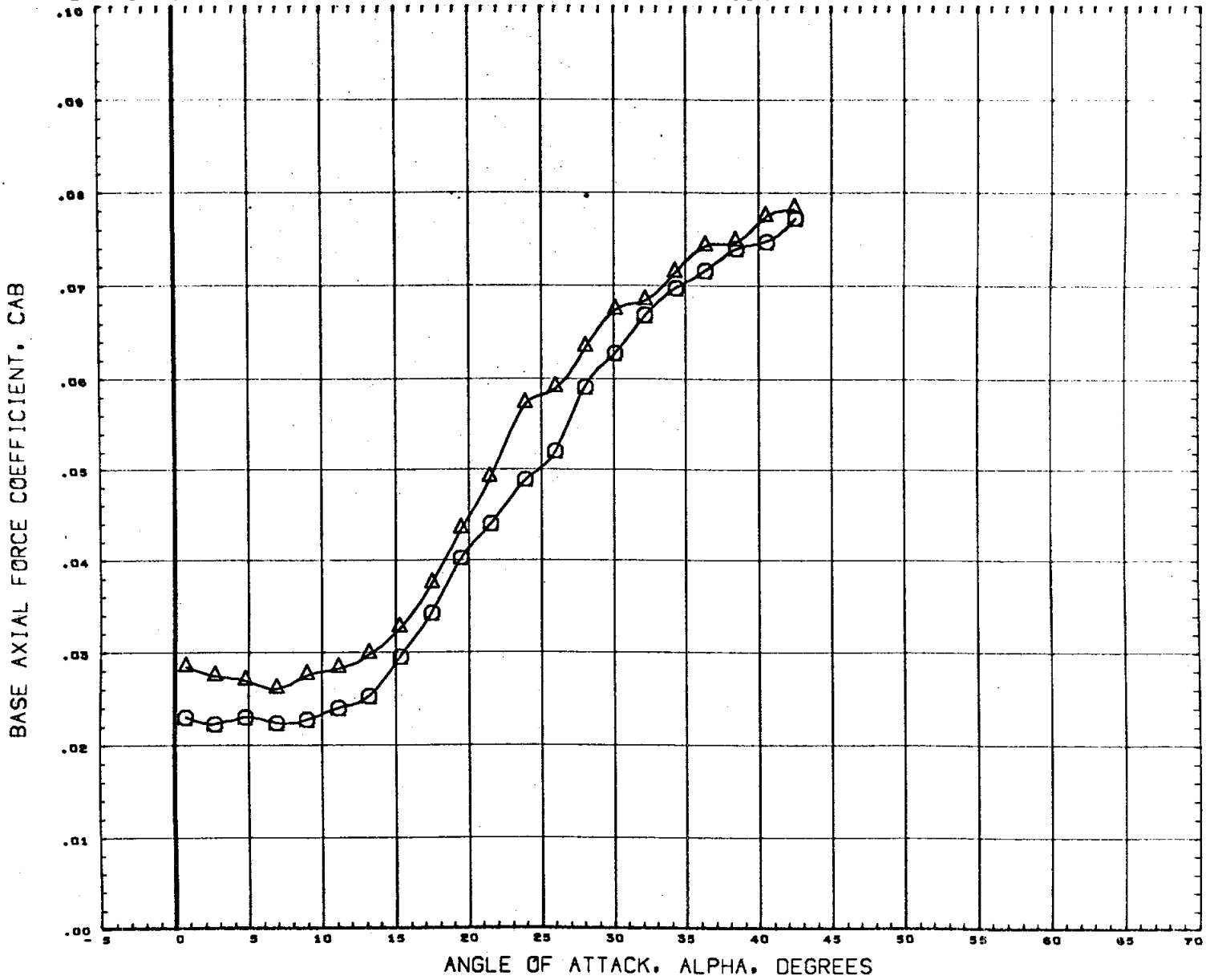


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7430S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 50. IN.
(C74823)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 4.96



# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

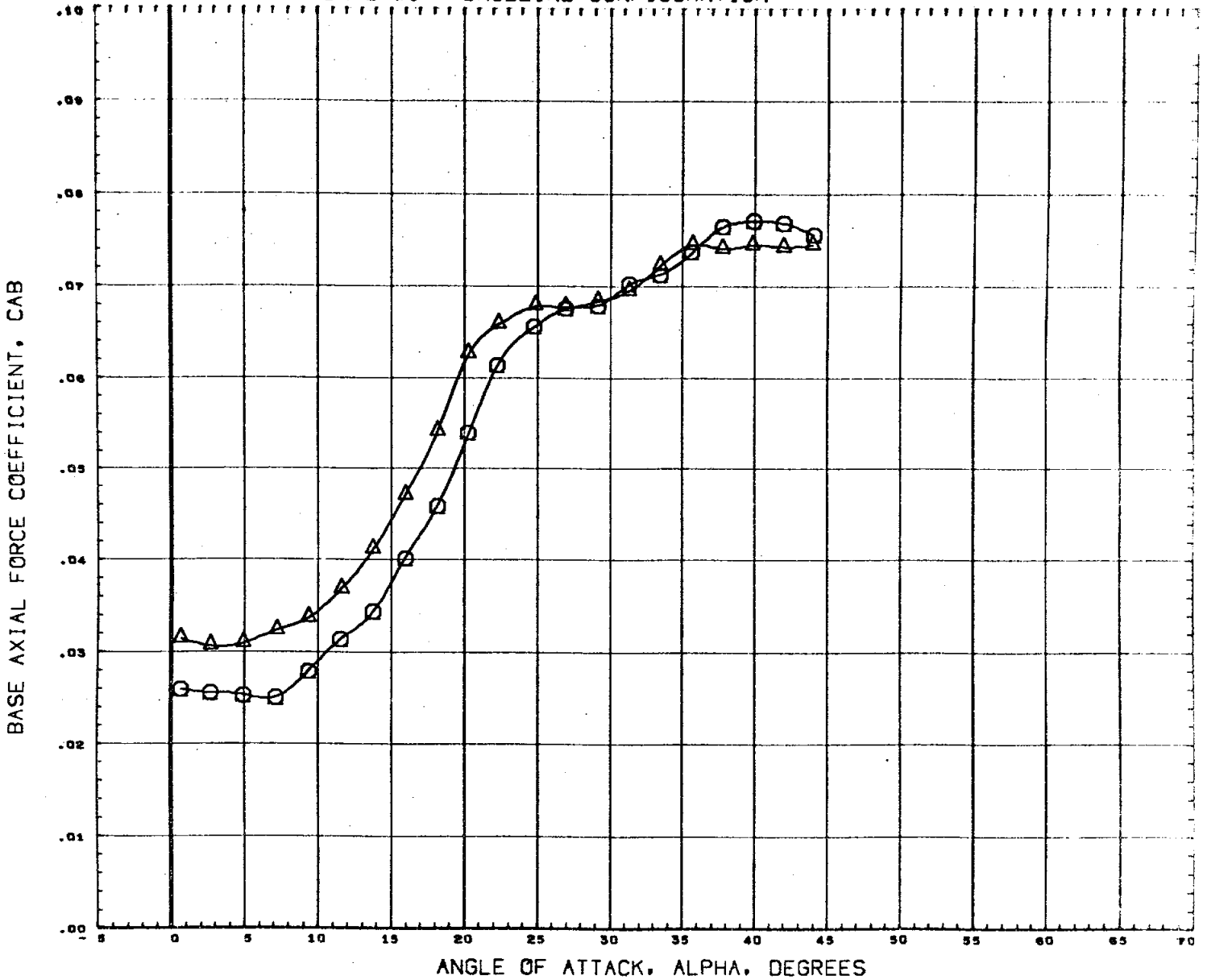


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

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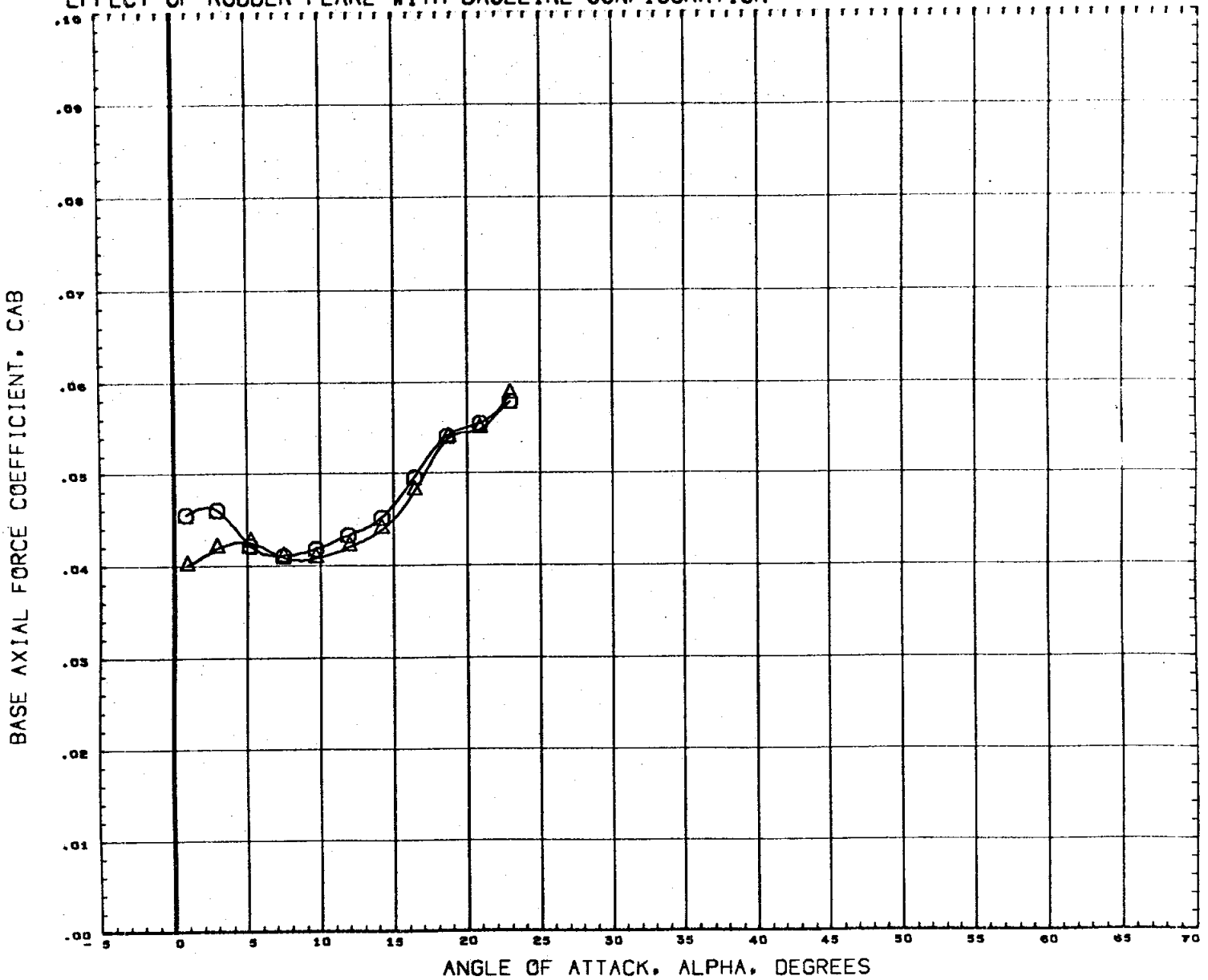
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

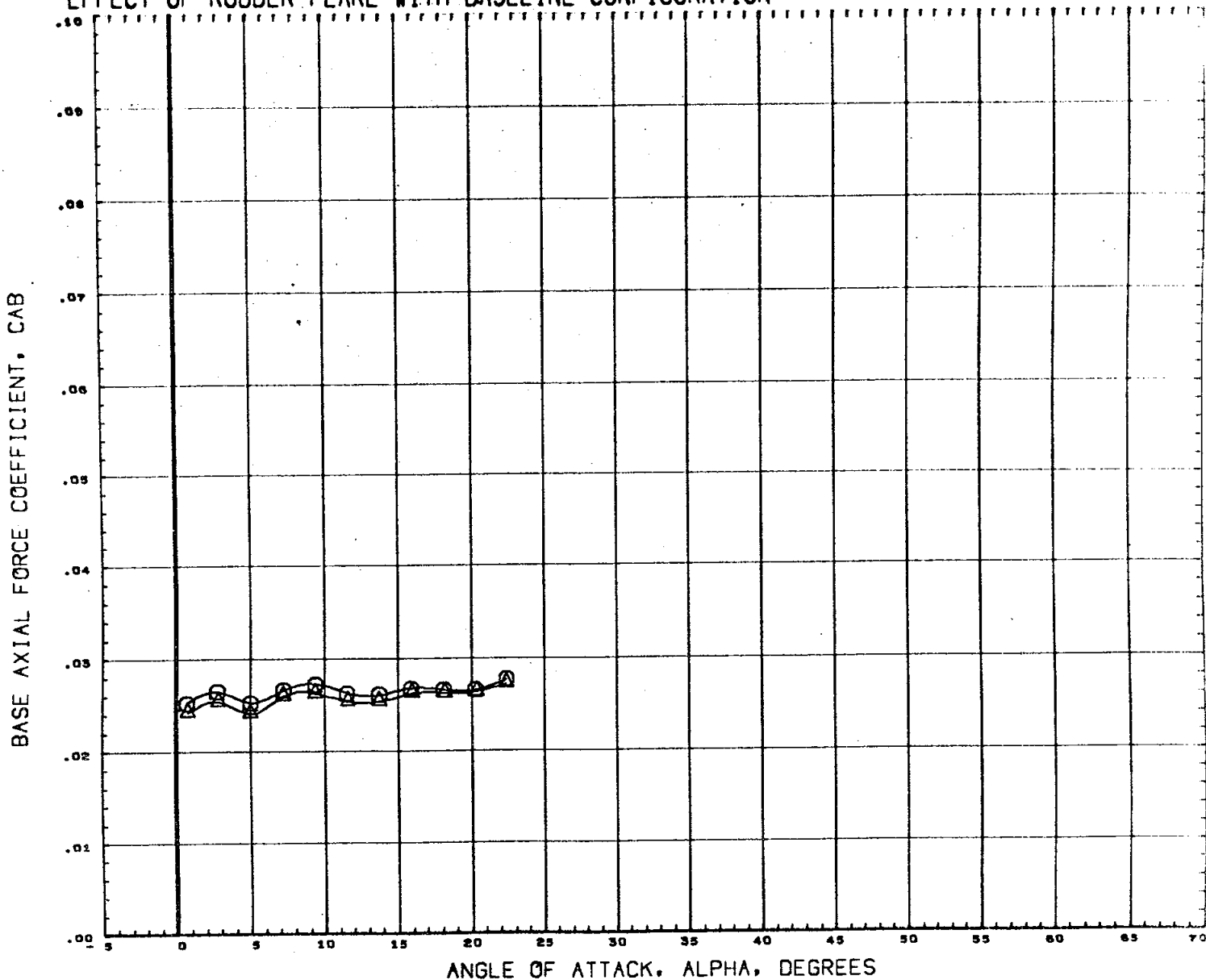
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XHRP 3.4530 IN.
					YHRP 0.0000 IN.
					ZHRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

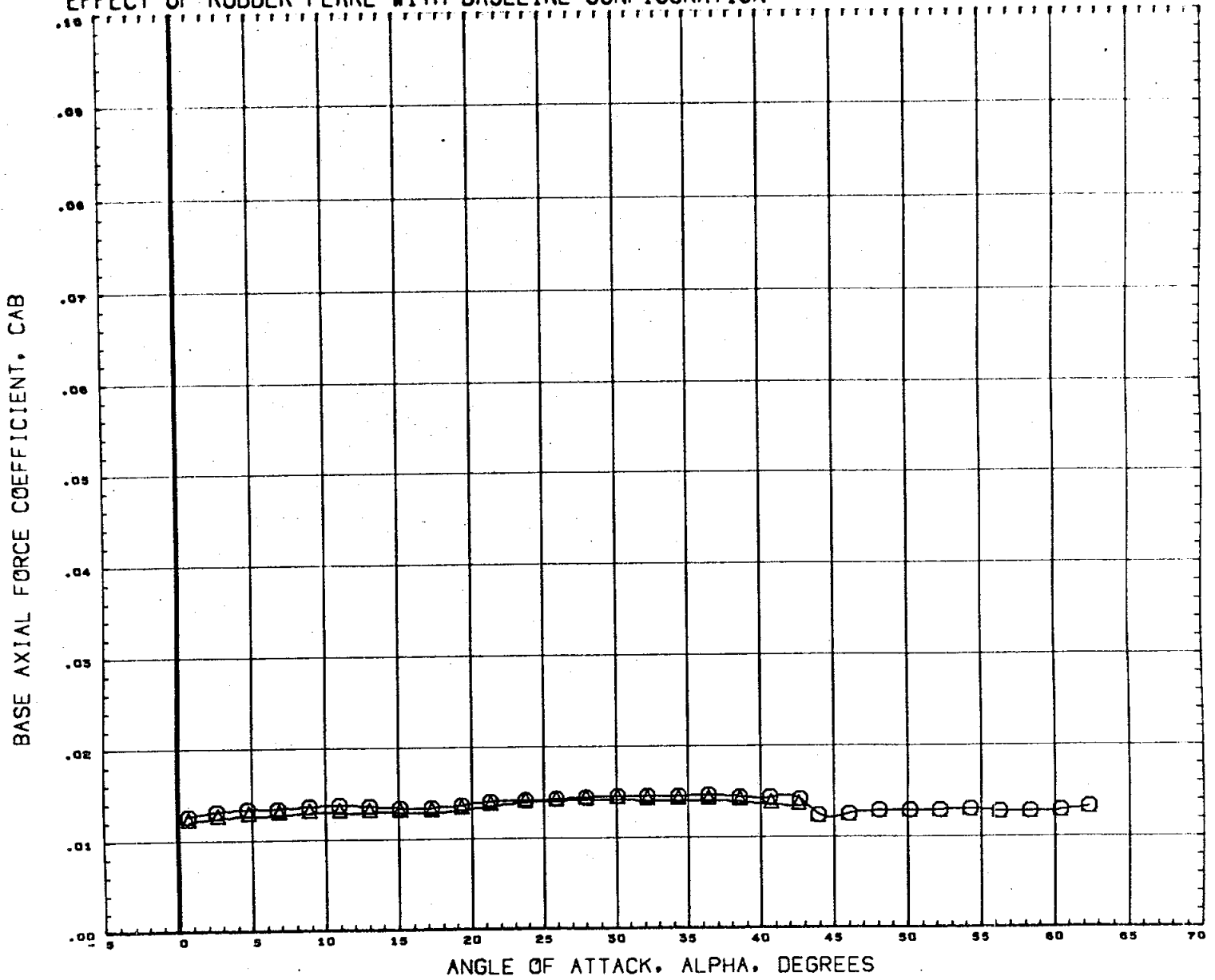
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 1.97

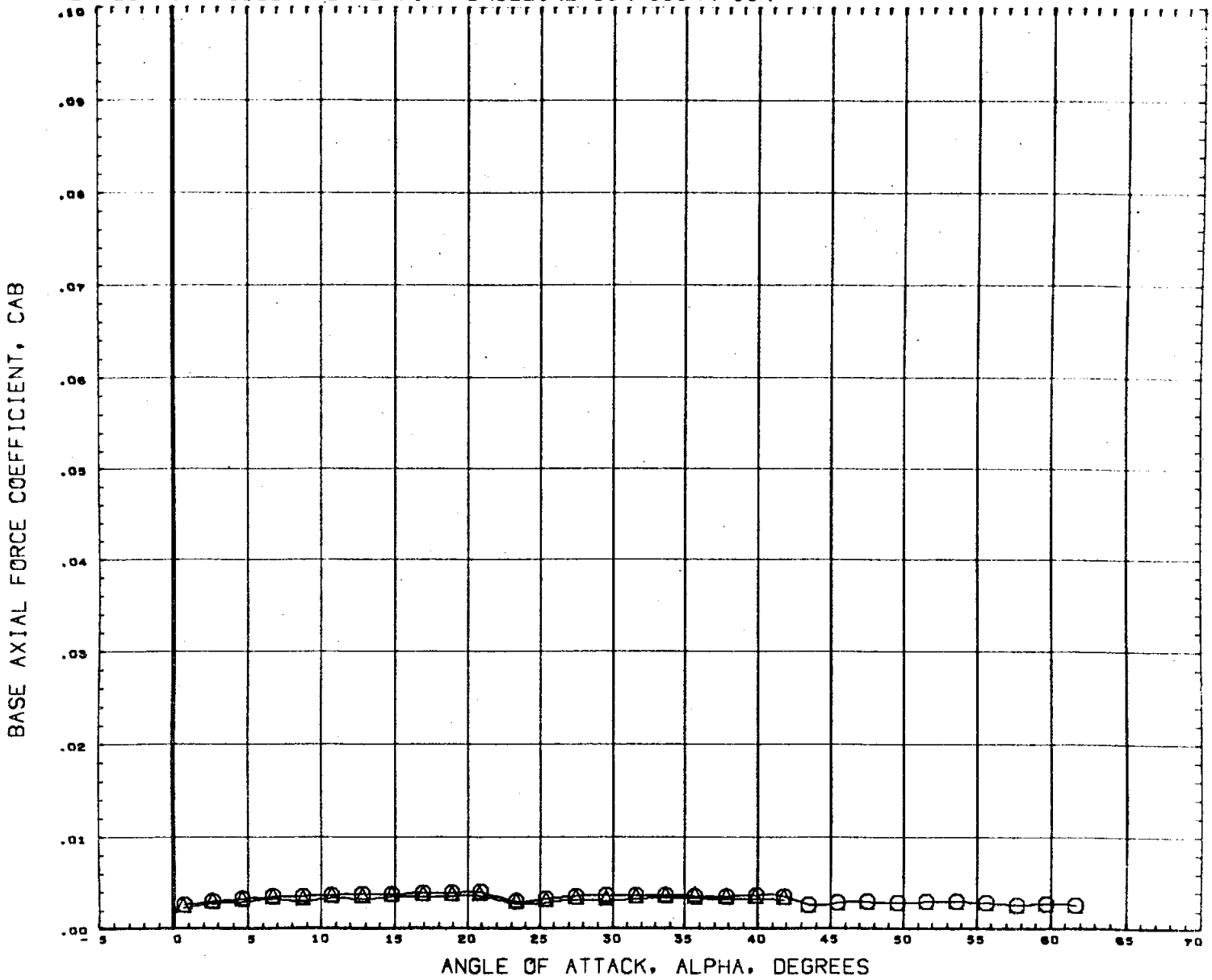
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4930 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

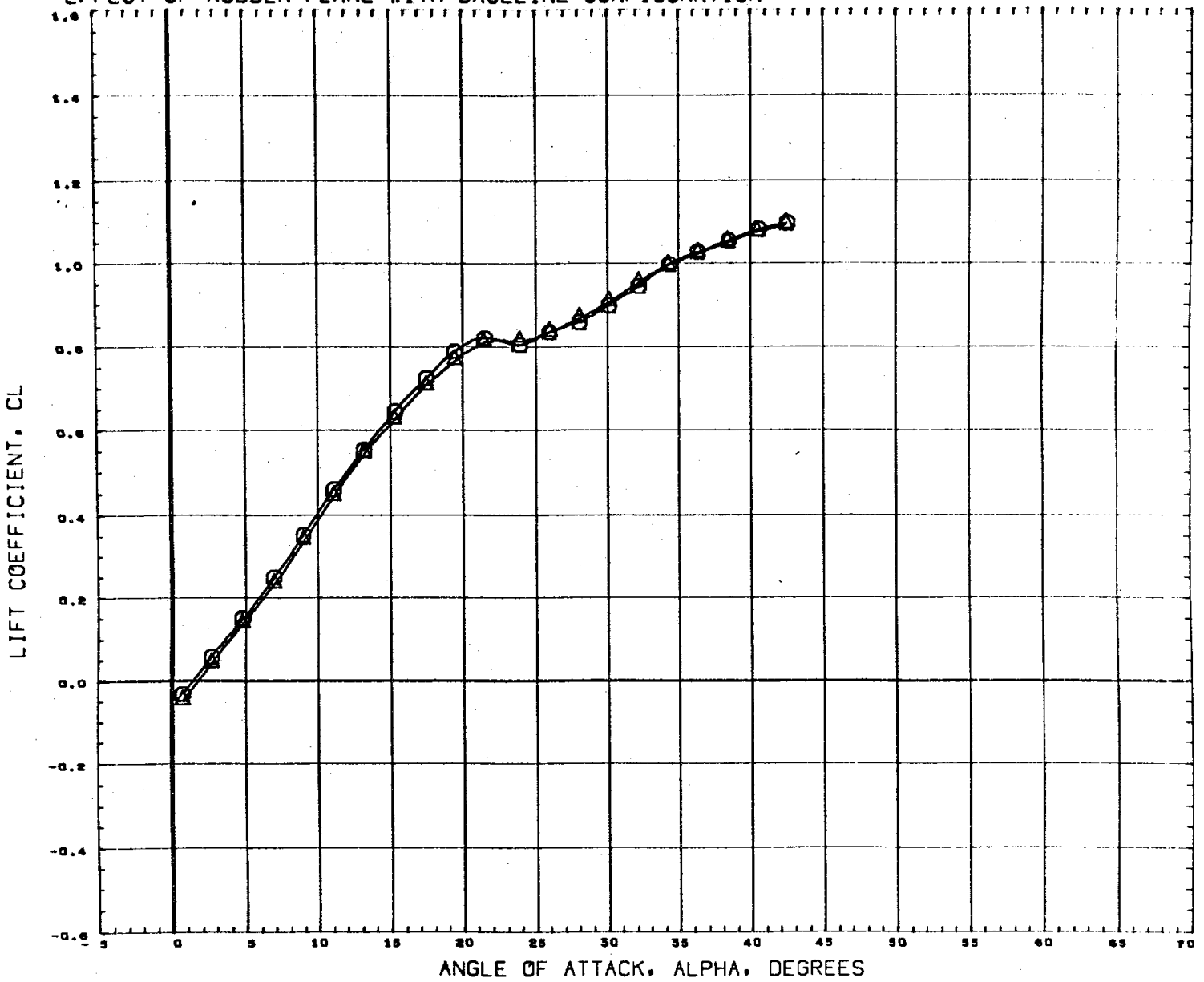
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76823)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4330 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 4.96

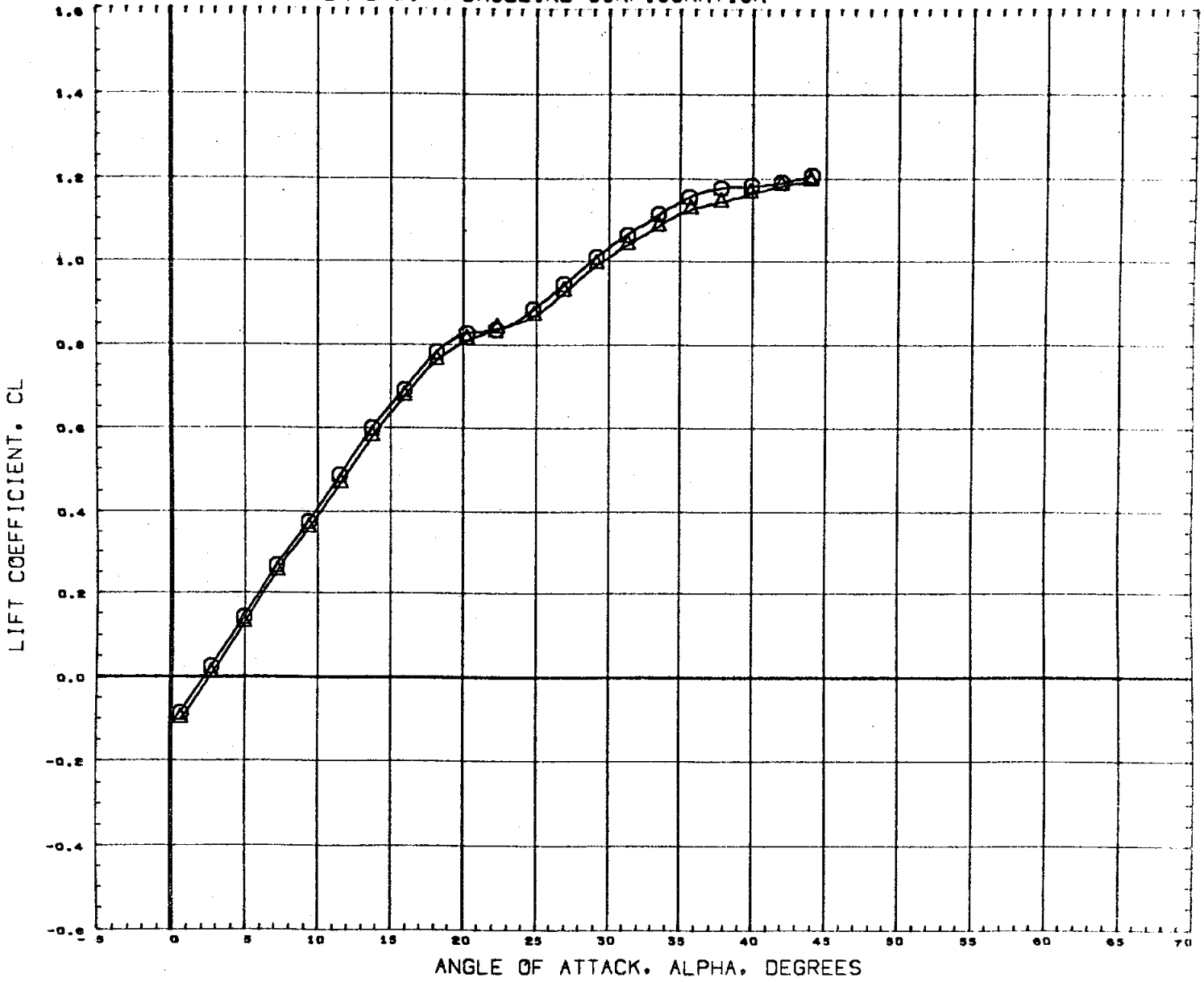
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

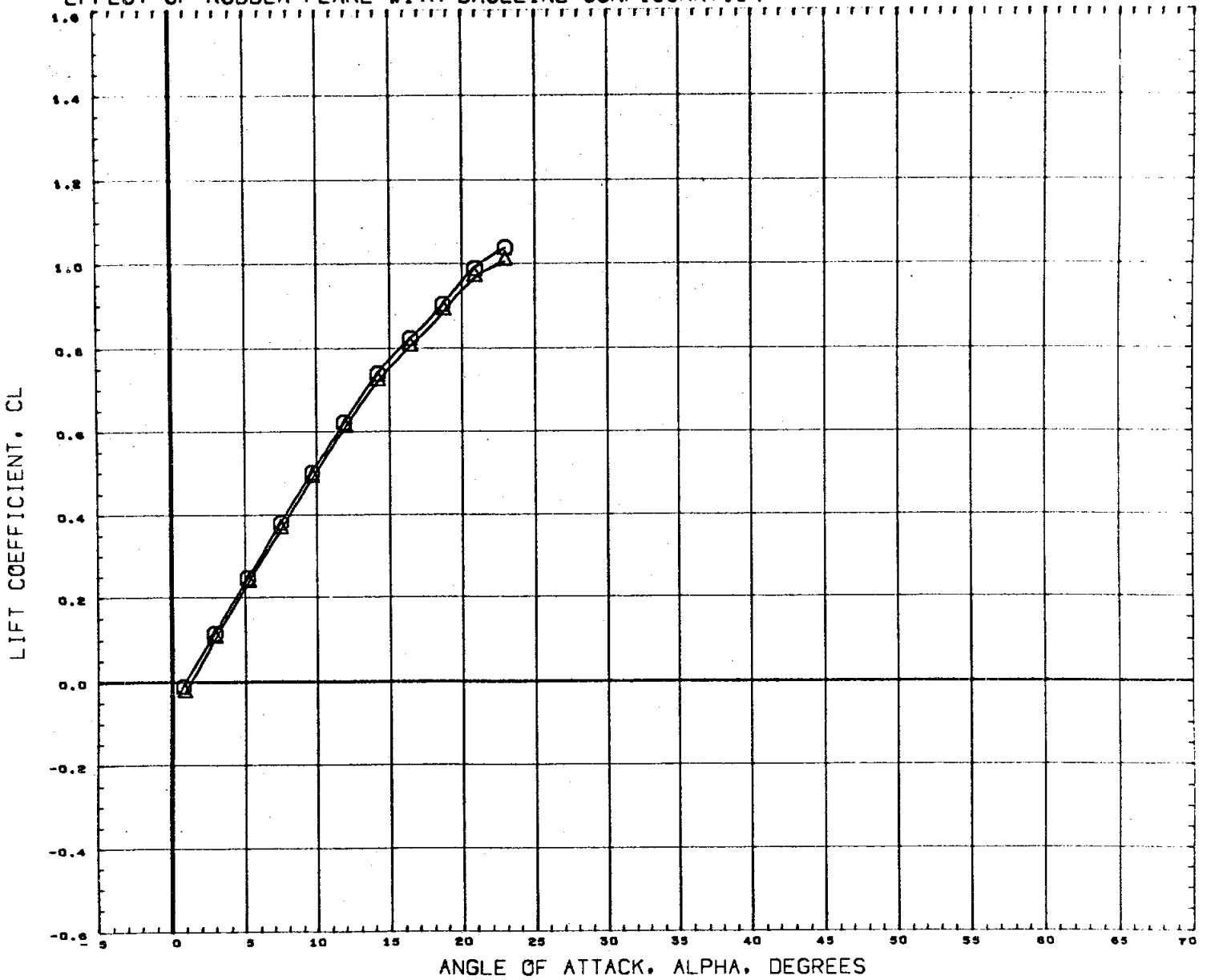


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	N555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	N555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4930 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90



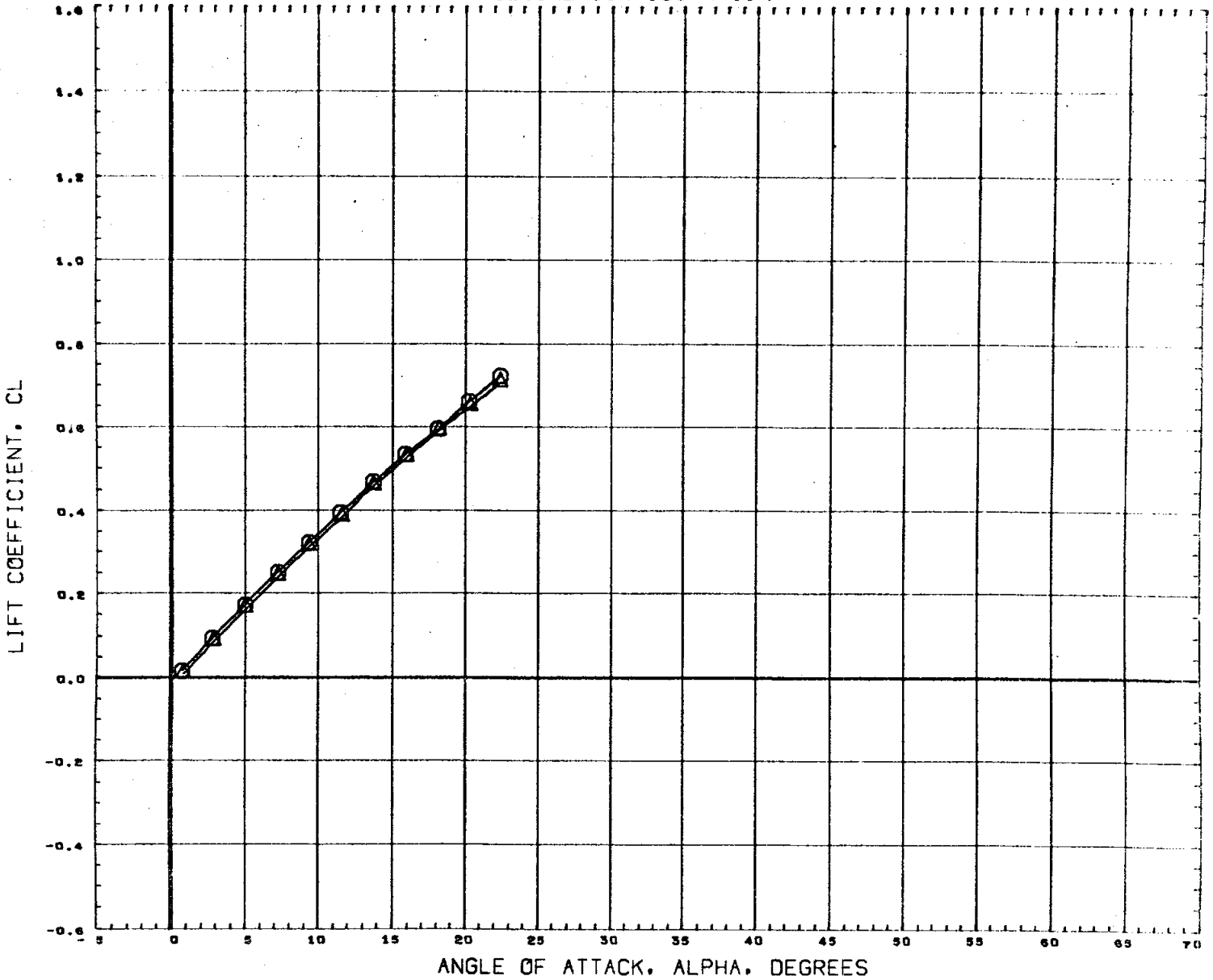
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION		
(C7630S)	MS55 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190	SQ. IN.
(C7692S)	MS55 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020	IN.
					BREF	4.0300	IN.
					XMRP	3.4530	IN.
					YMRP	0.0000	IN.
					ZMRP	0.0000	IN.
					SCALE	0.0040	

MACH 1.20

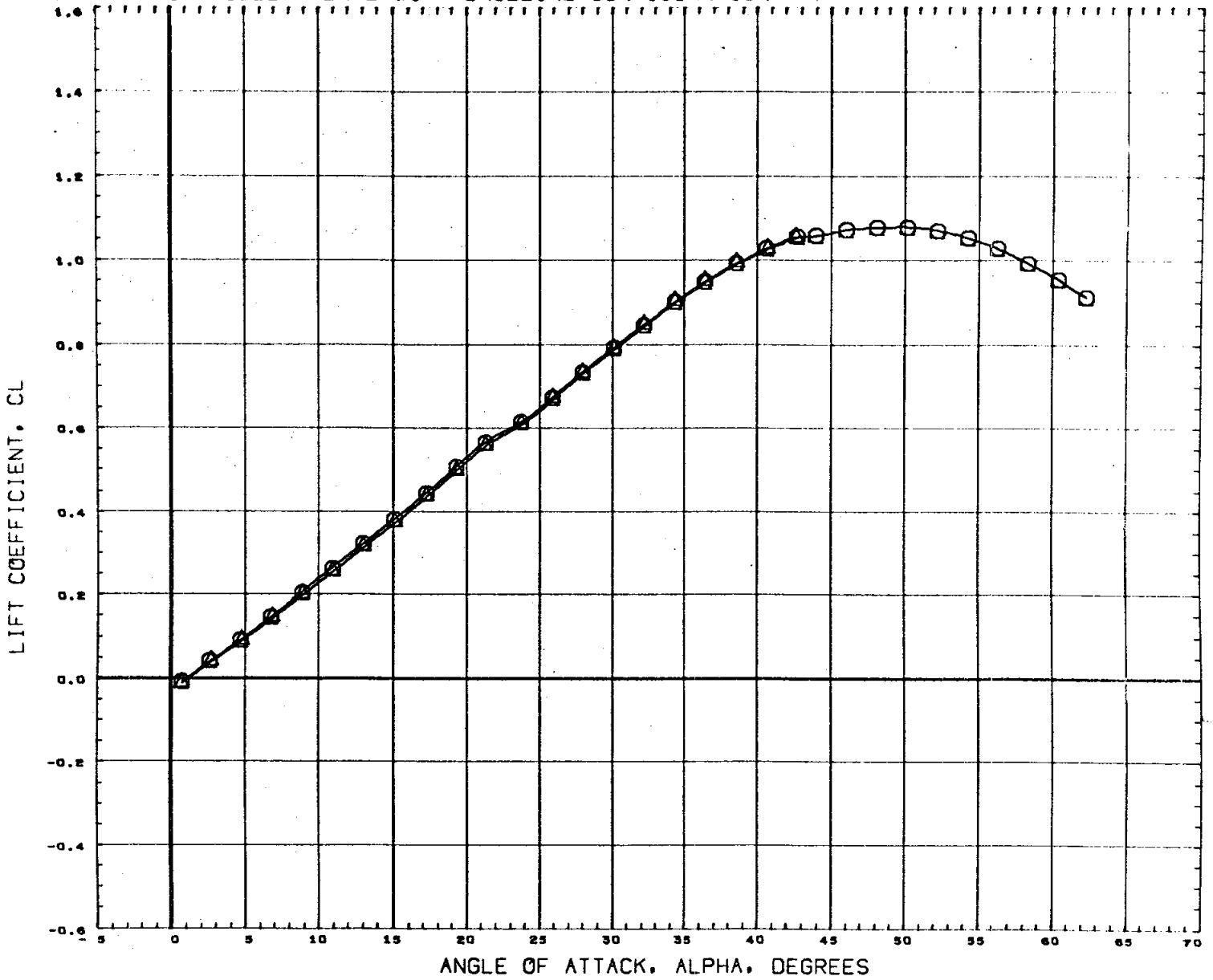
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

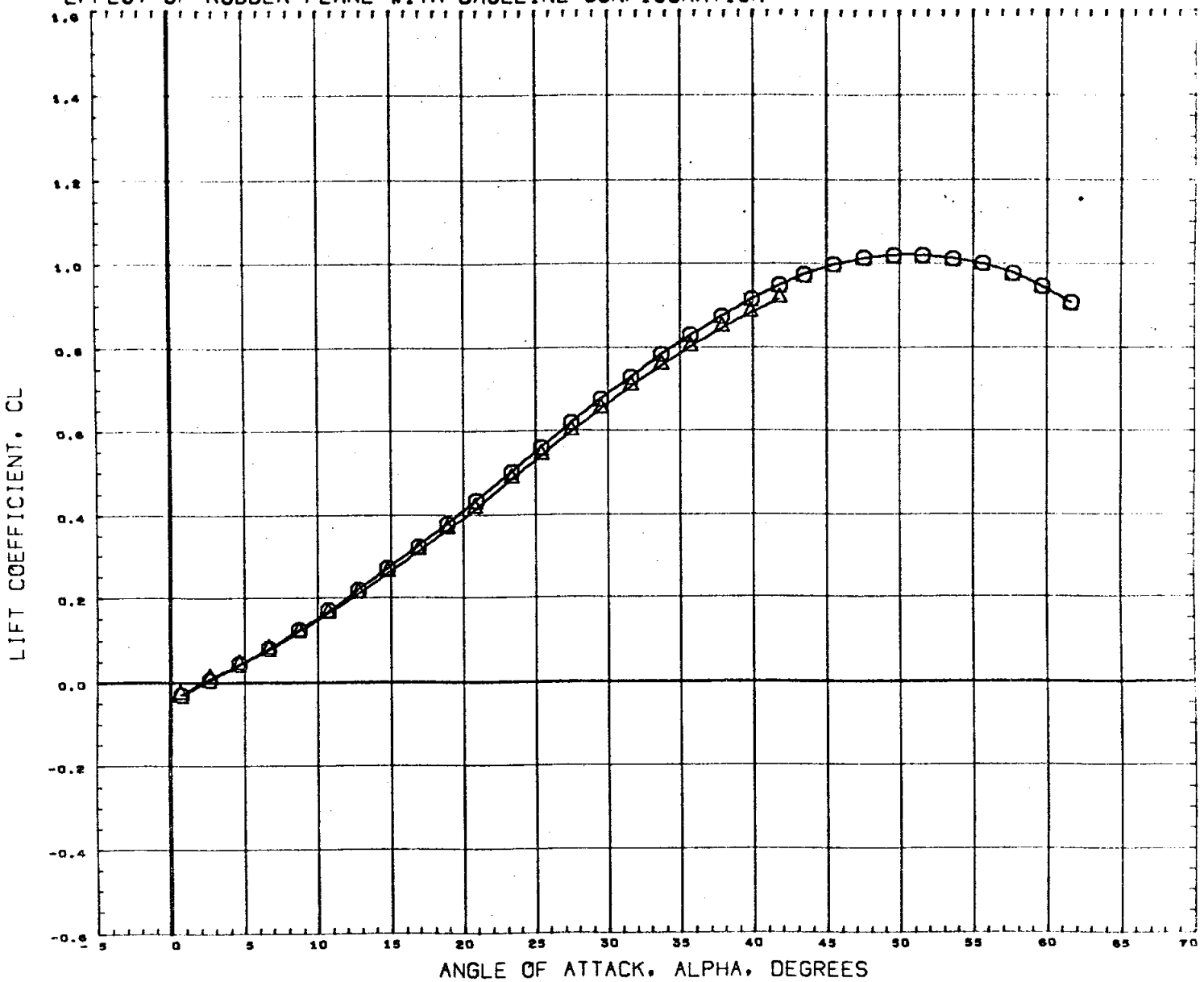
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040
(C76323)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	

MACH 2.99

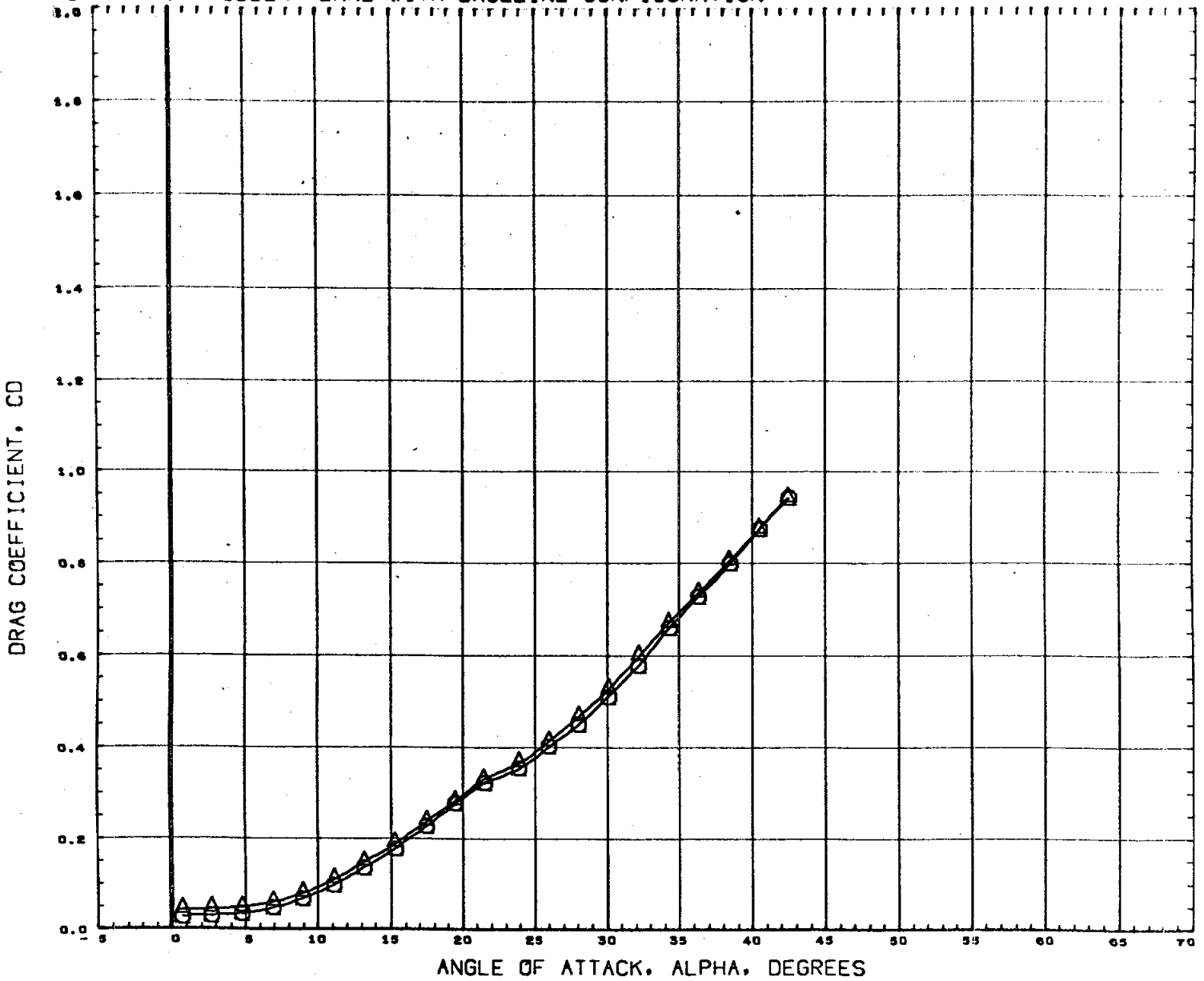
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7830S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C78523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4930 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 4.96

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

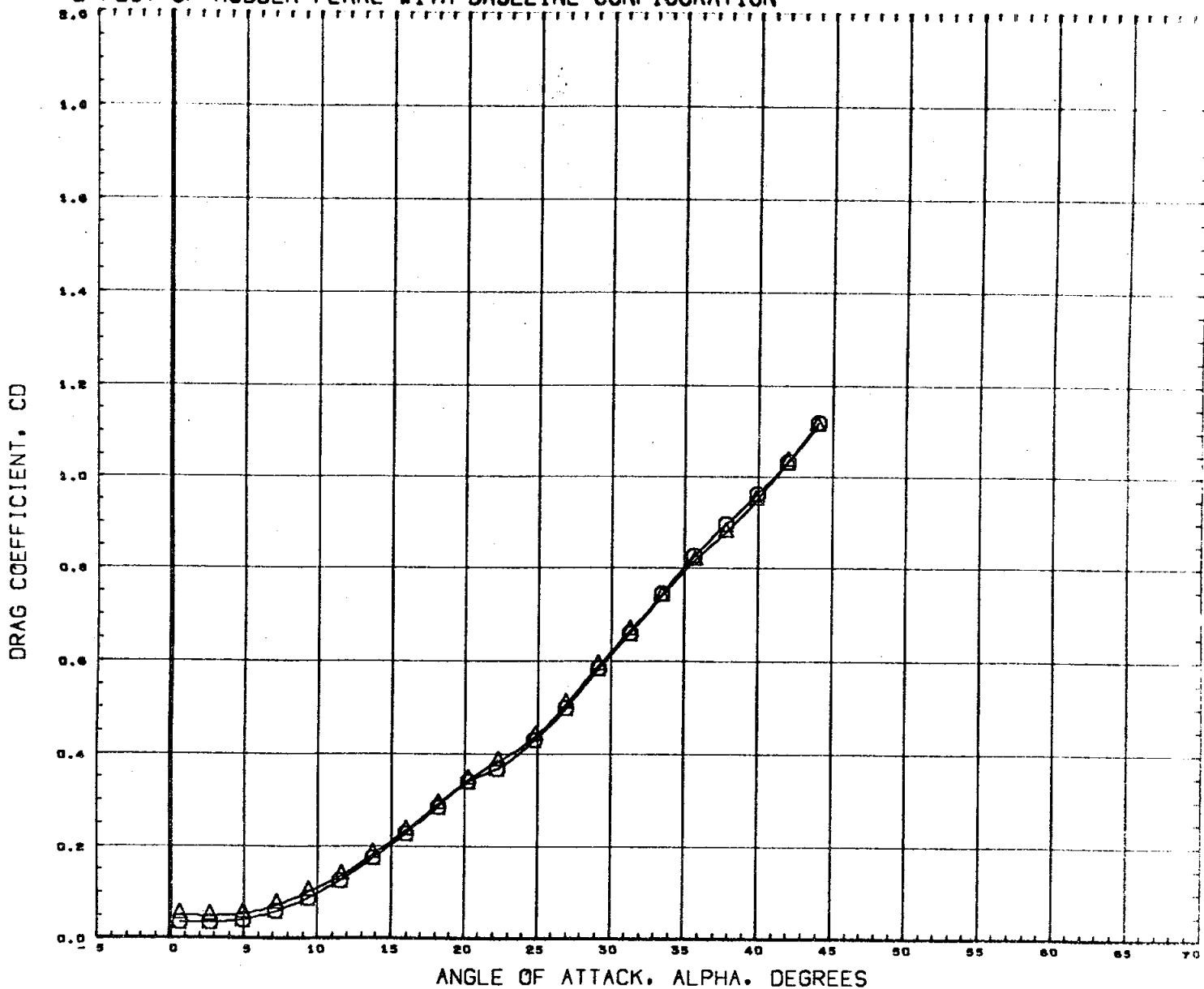


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

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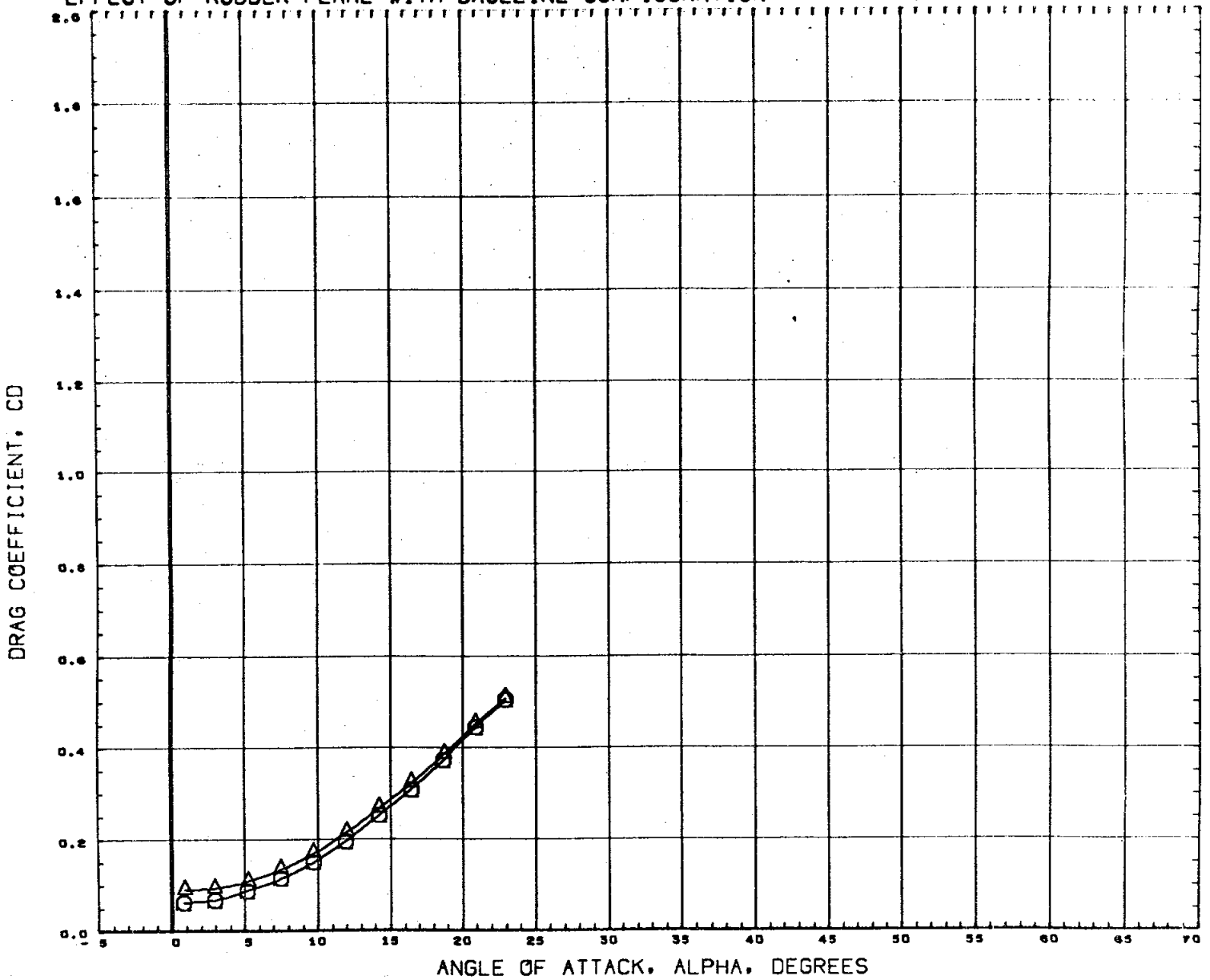
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S23)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

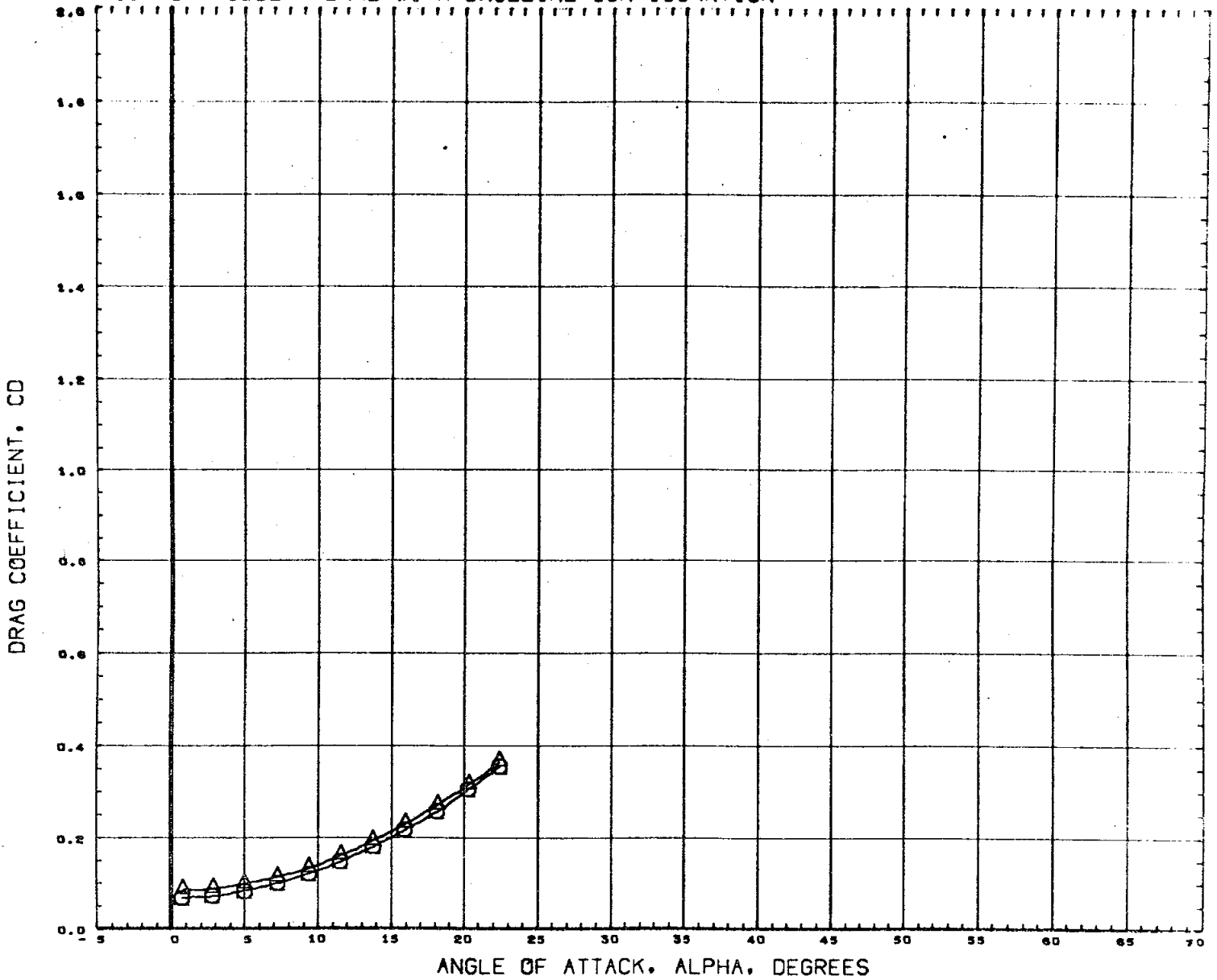
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



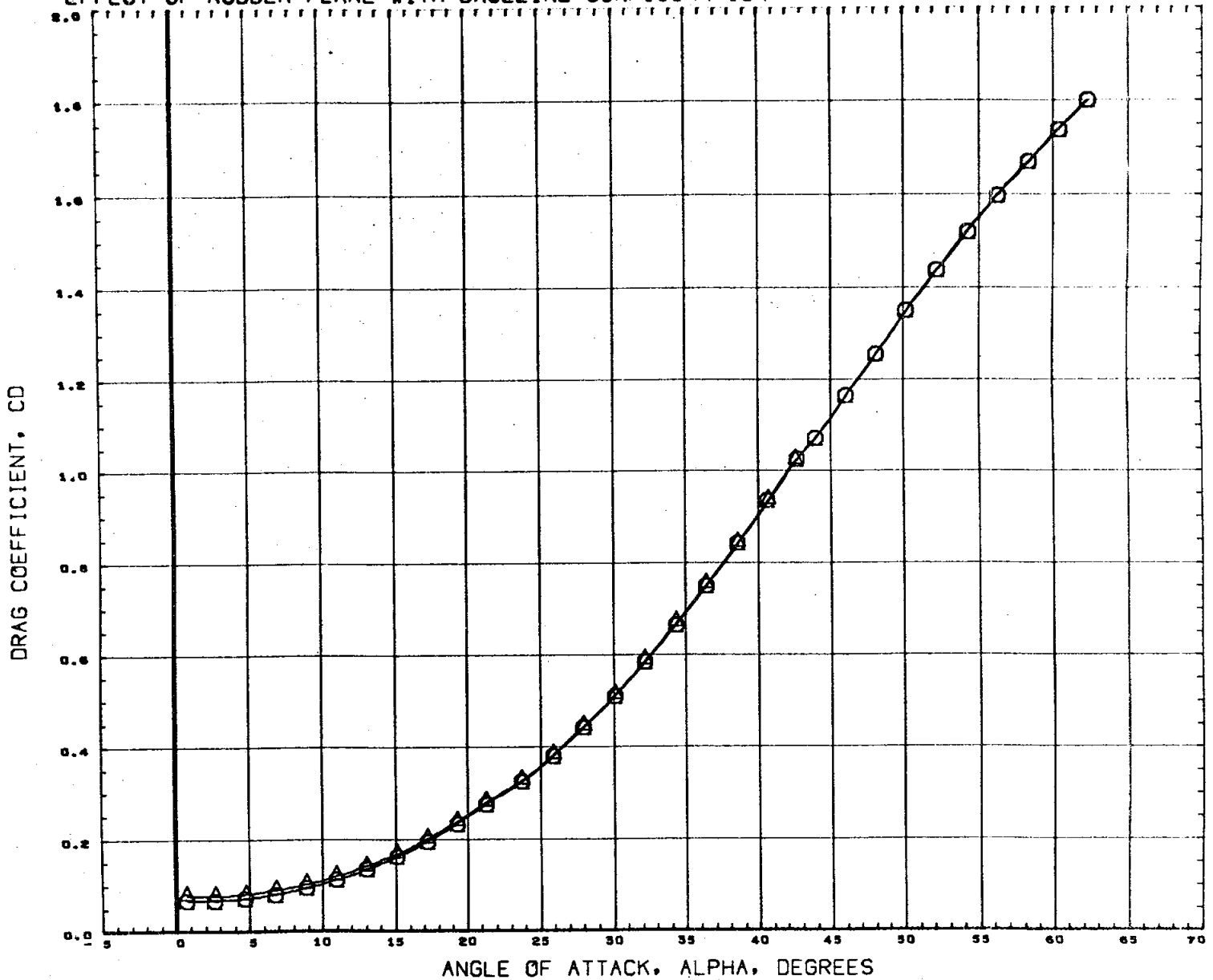
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRF	3.4530 IN.
					YMRF	0.0000 IN.
					ZMRF	0.0000 IN.
					SCALE	0.0040

MACH 1.97

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# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

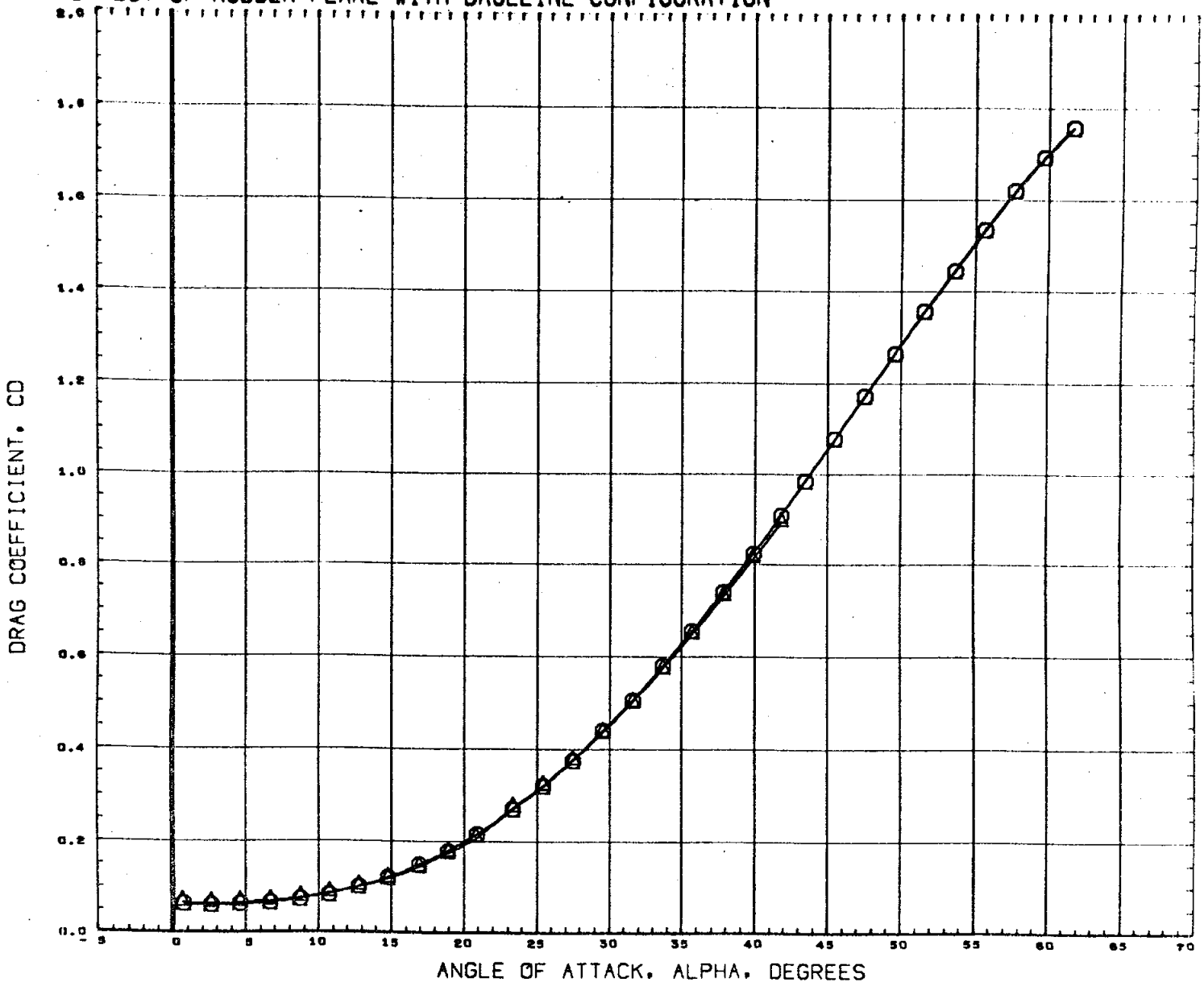


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

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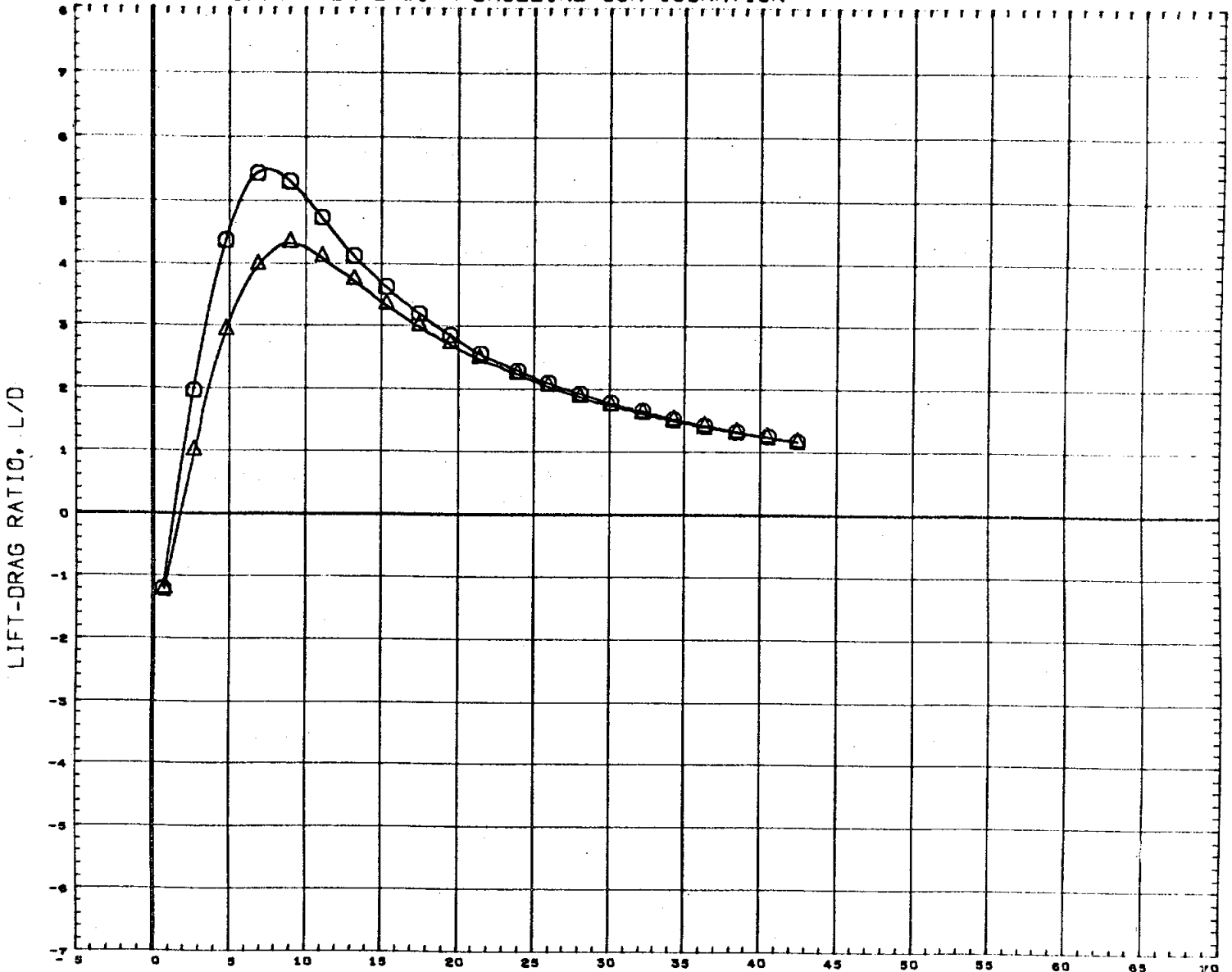
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 sq. in.
(C76525)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 in.
					BREF 4.0300 in.
					XMRP 3.4530 in.
					YMRP 0.0000 in.
					ZMRP 0.0000 in.
					SCALE 0.0040

MACH 4.96

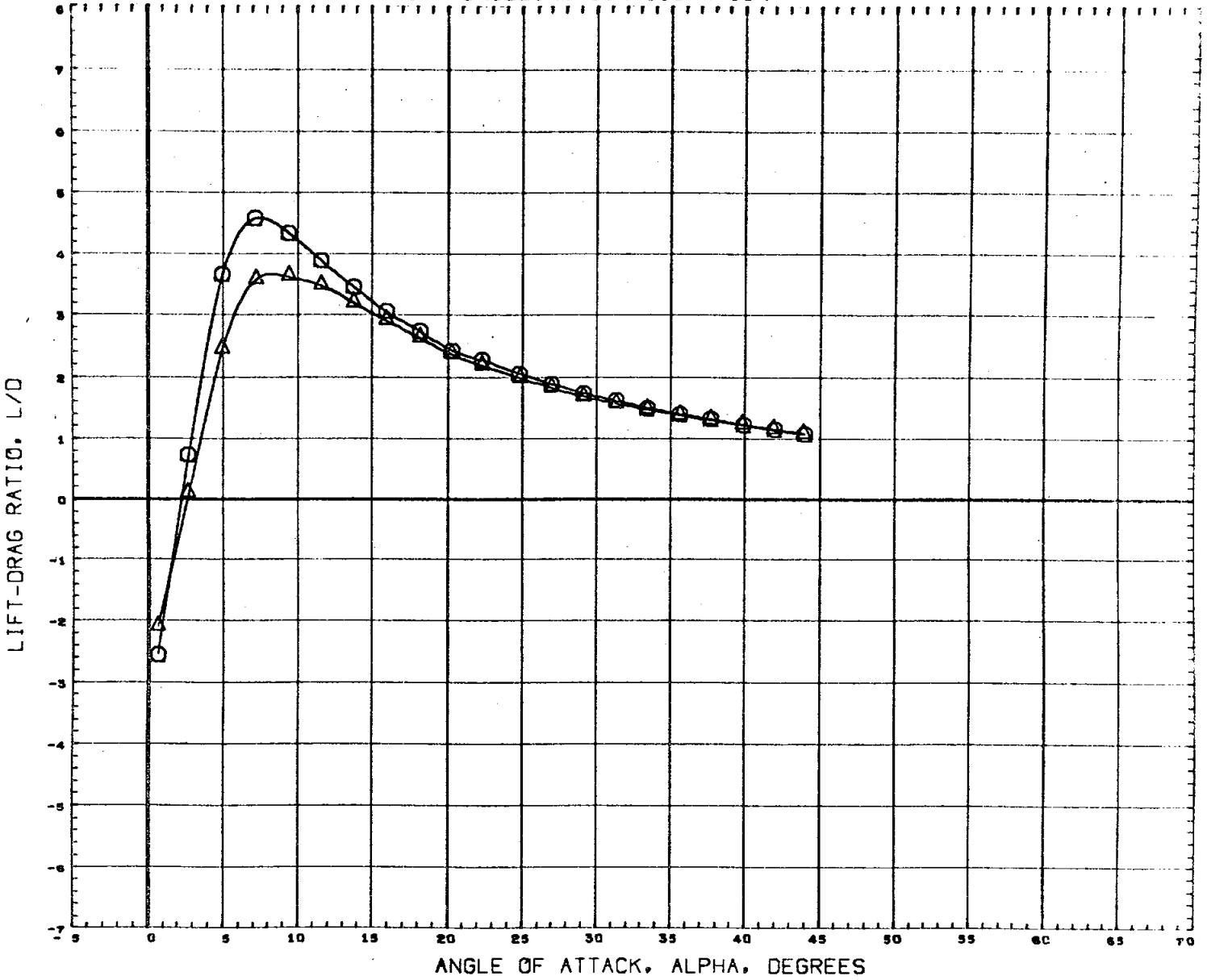
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

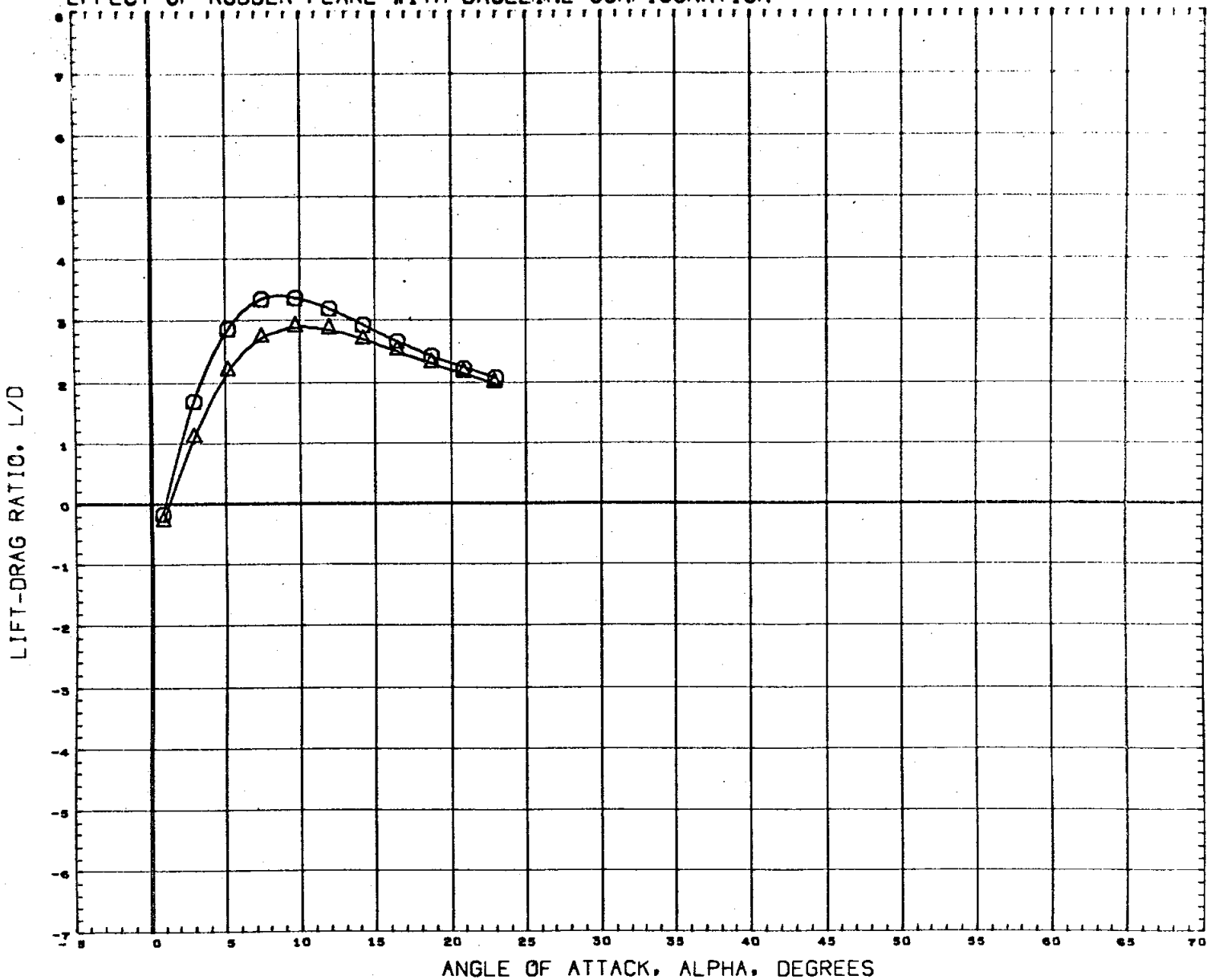
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76303)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

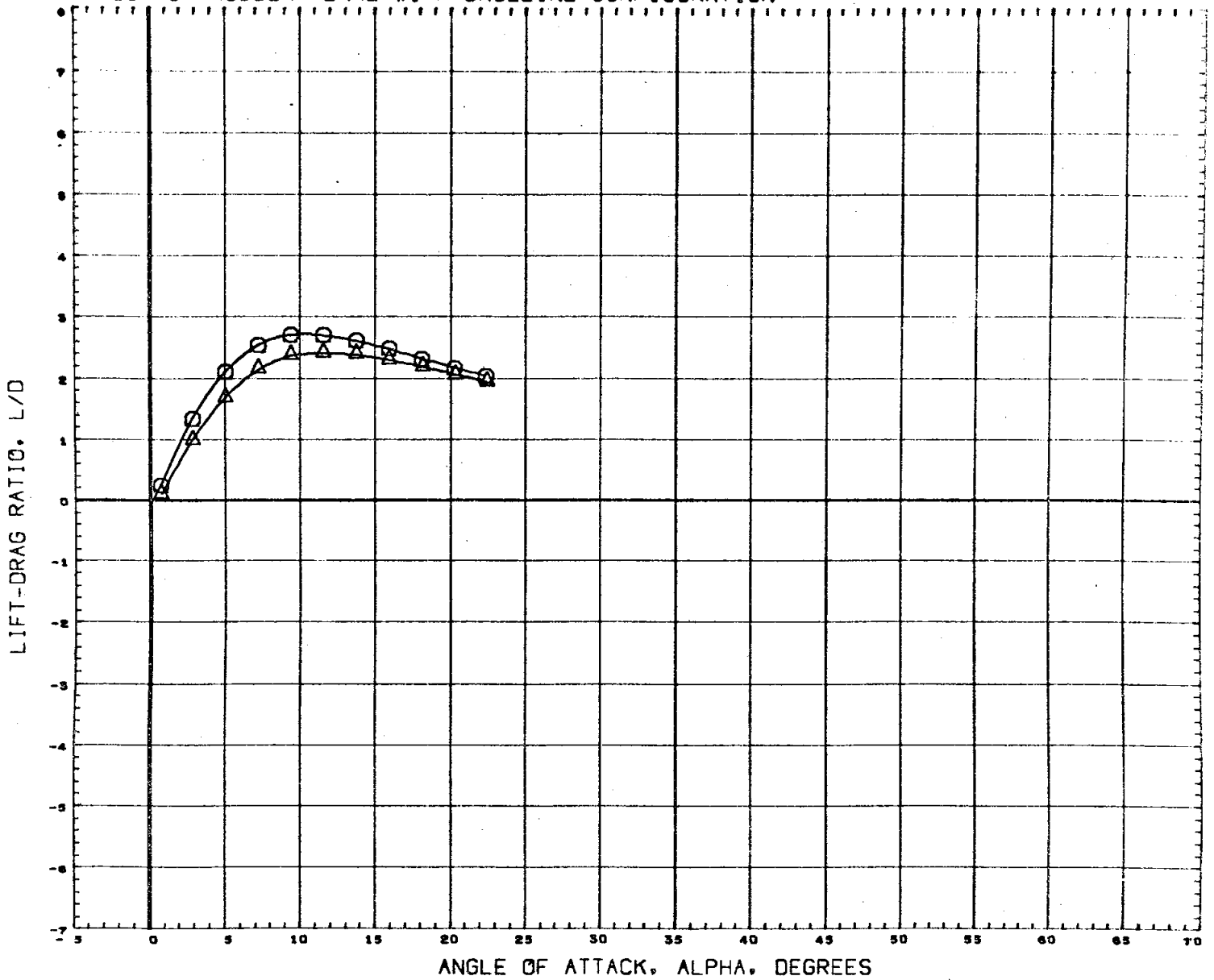


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	Sq. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

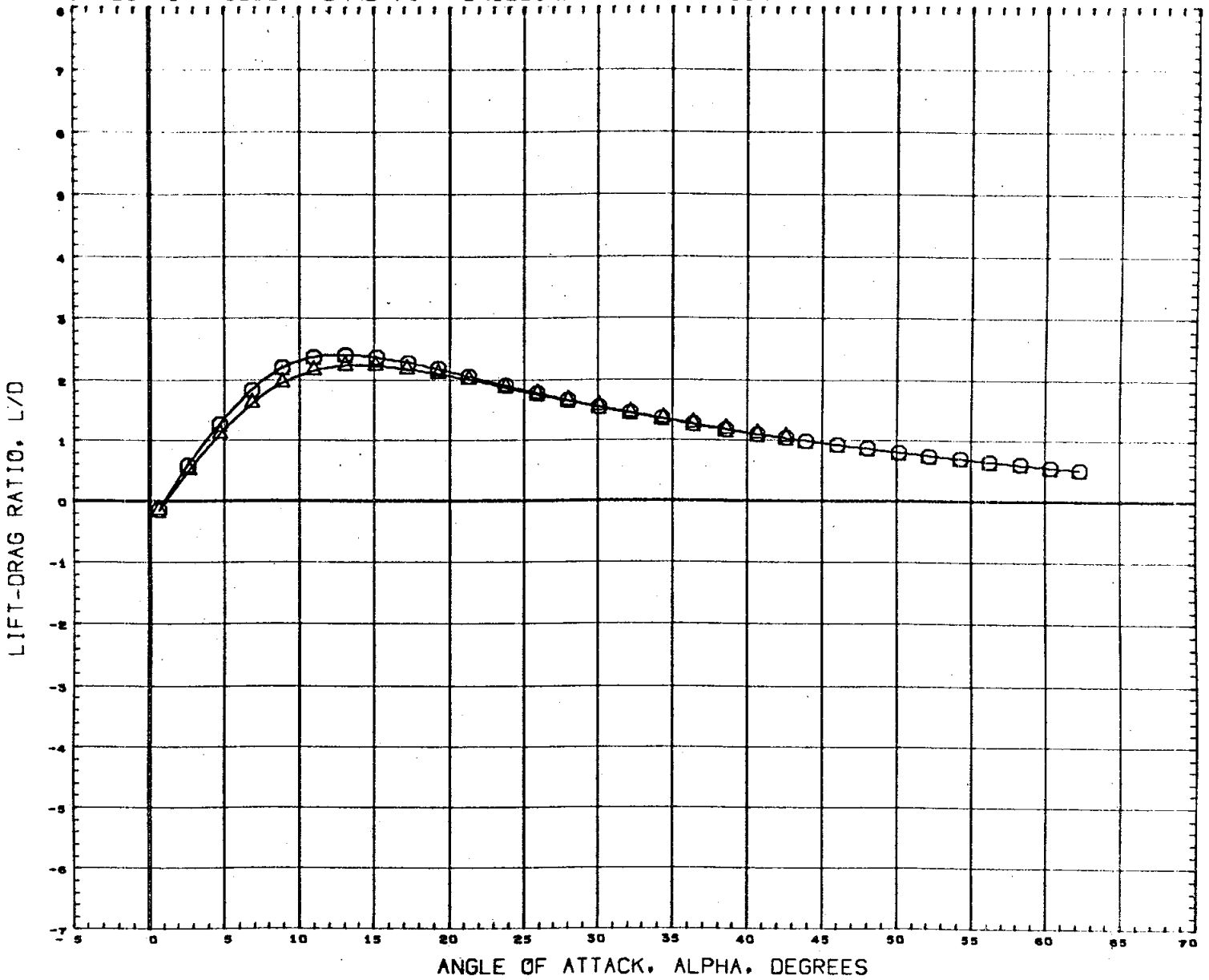
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

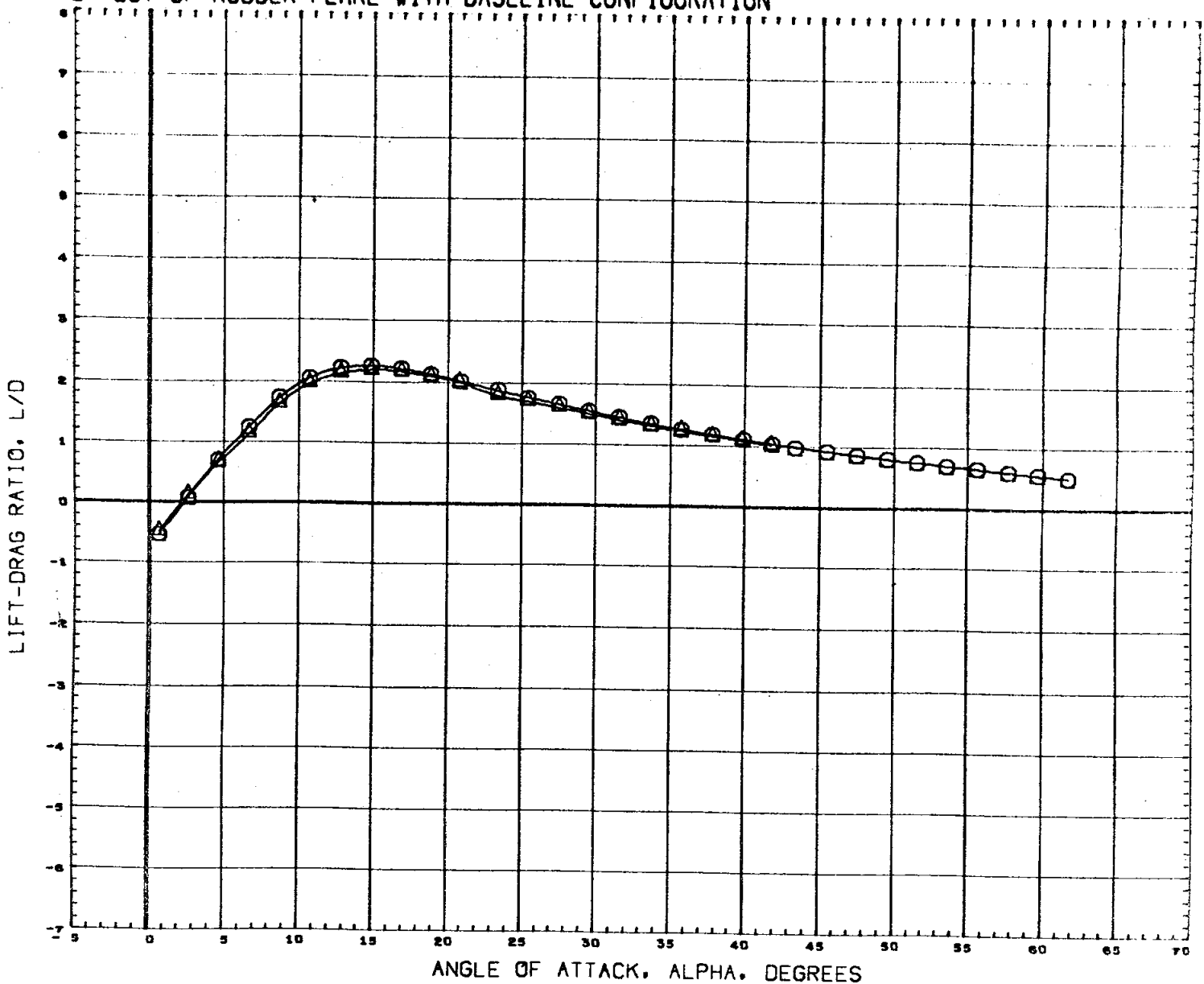
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	SCALE 0.0040

MACH 2.99

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

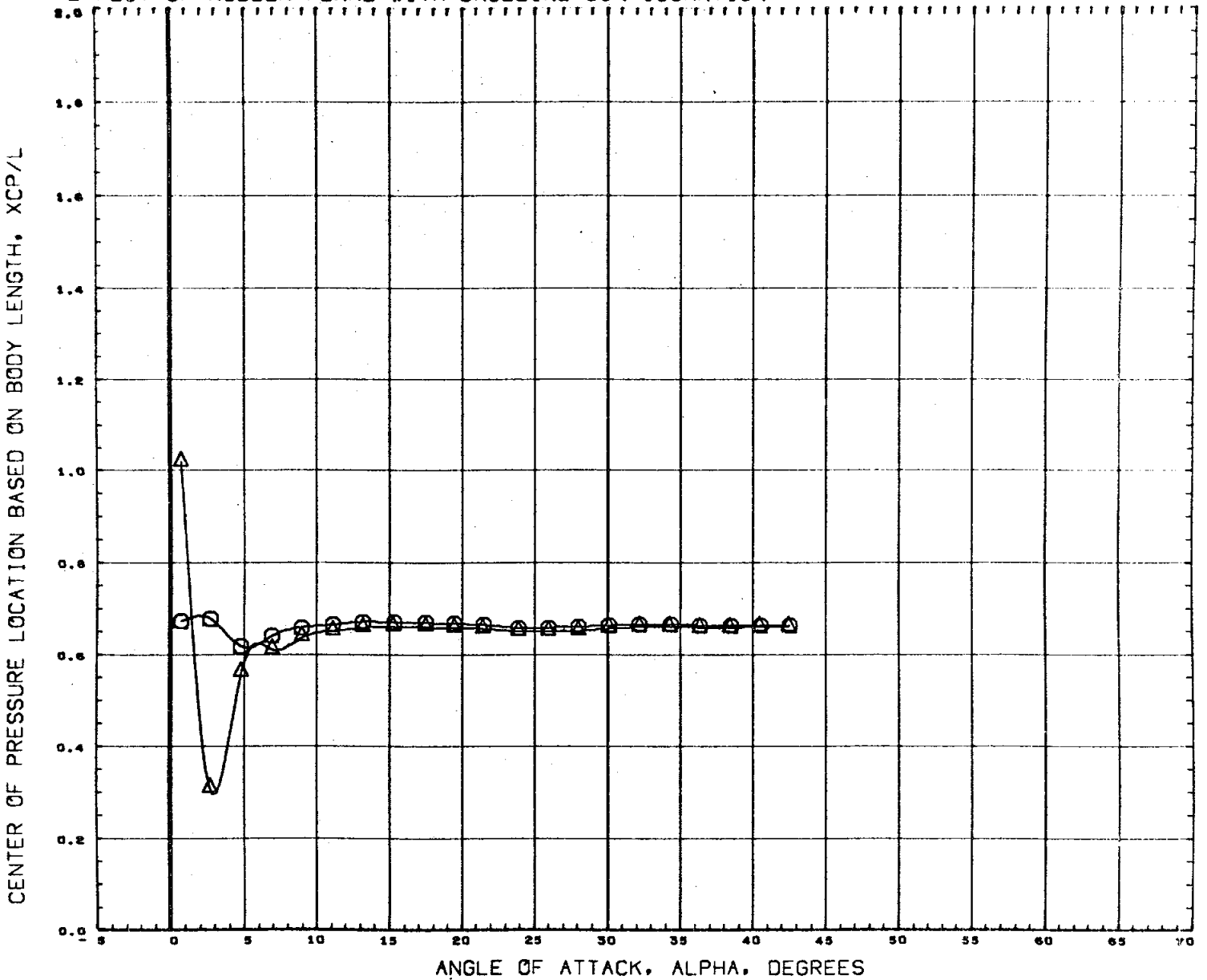


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96



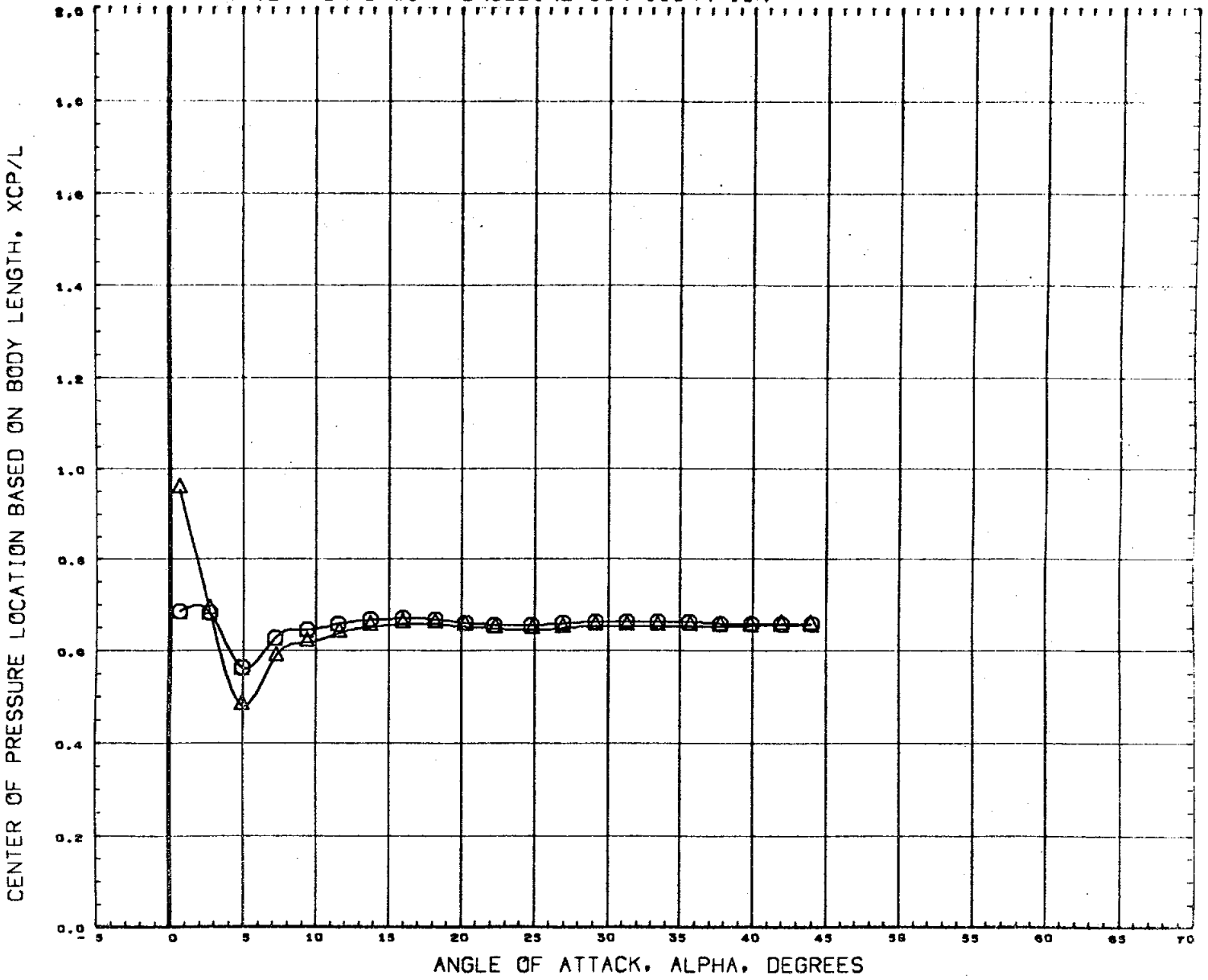
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	SCALE 0.0040

MACH .59

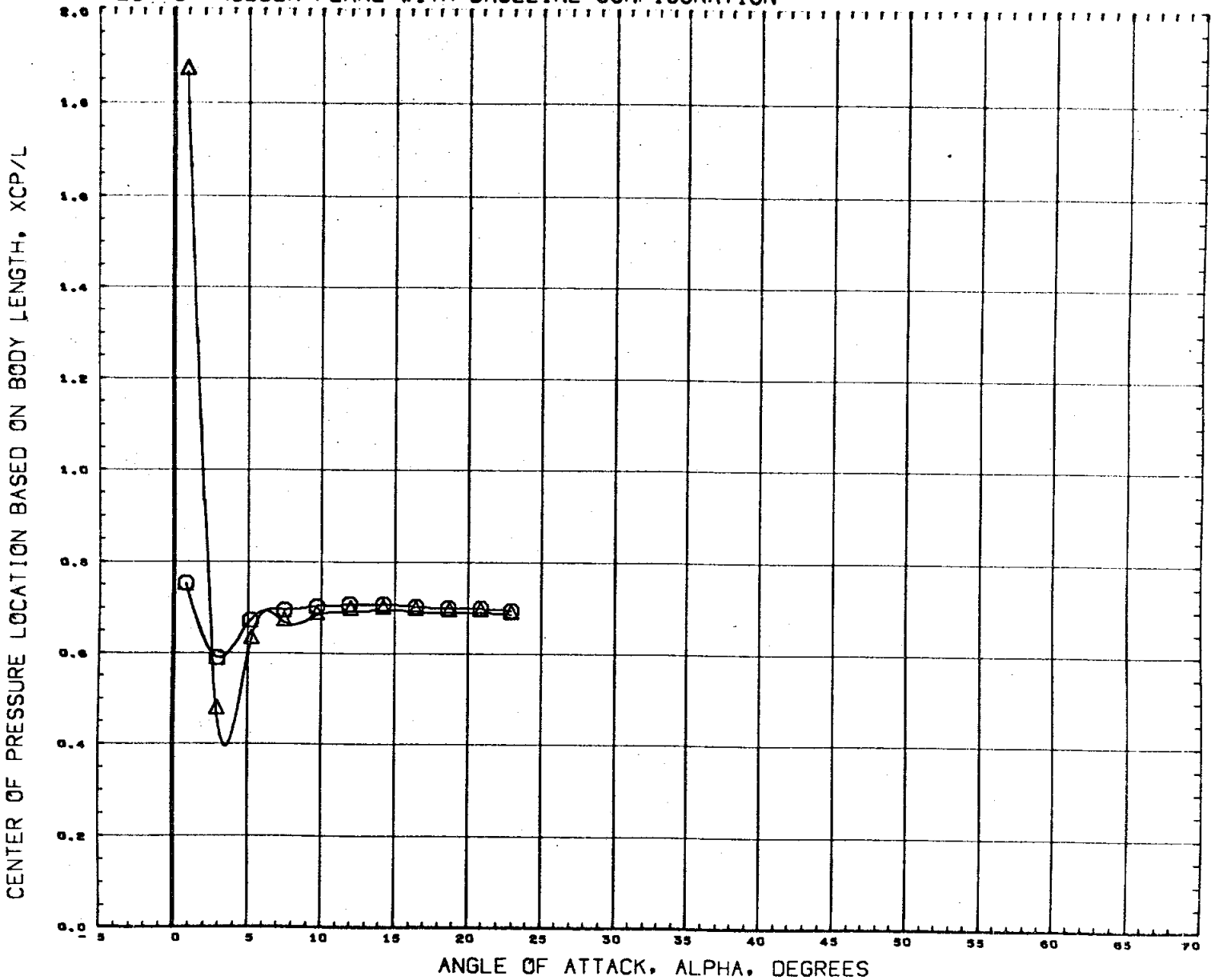
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7652S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

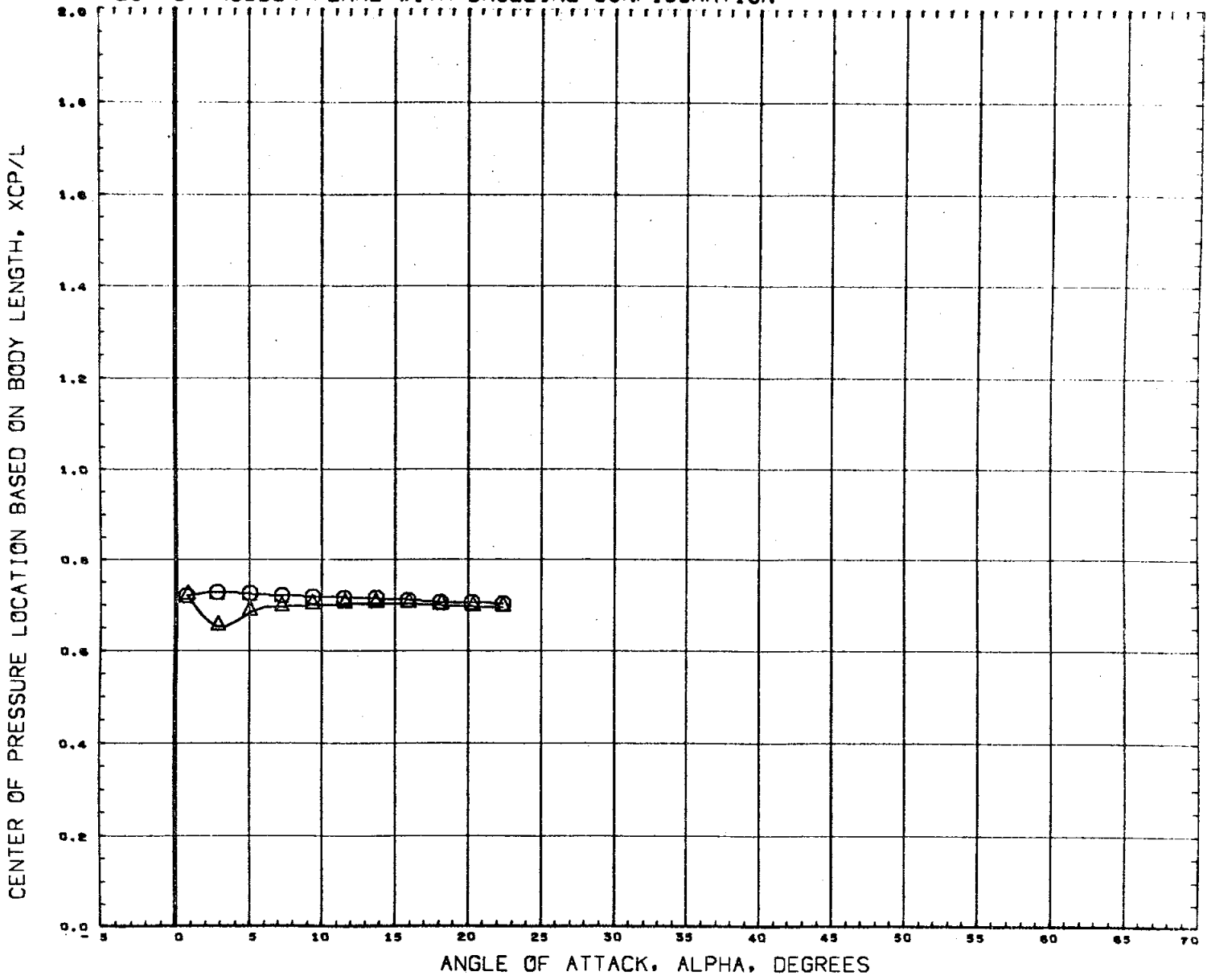
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7652S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

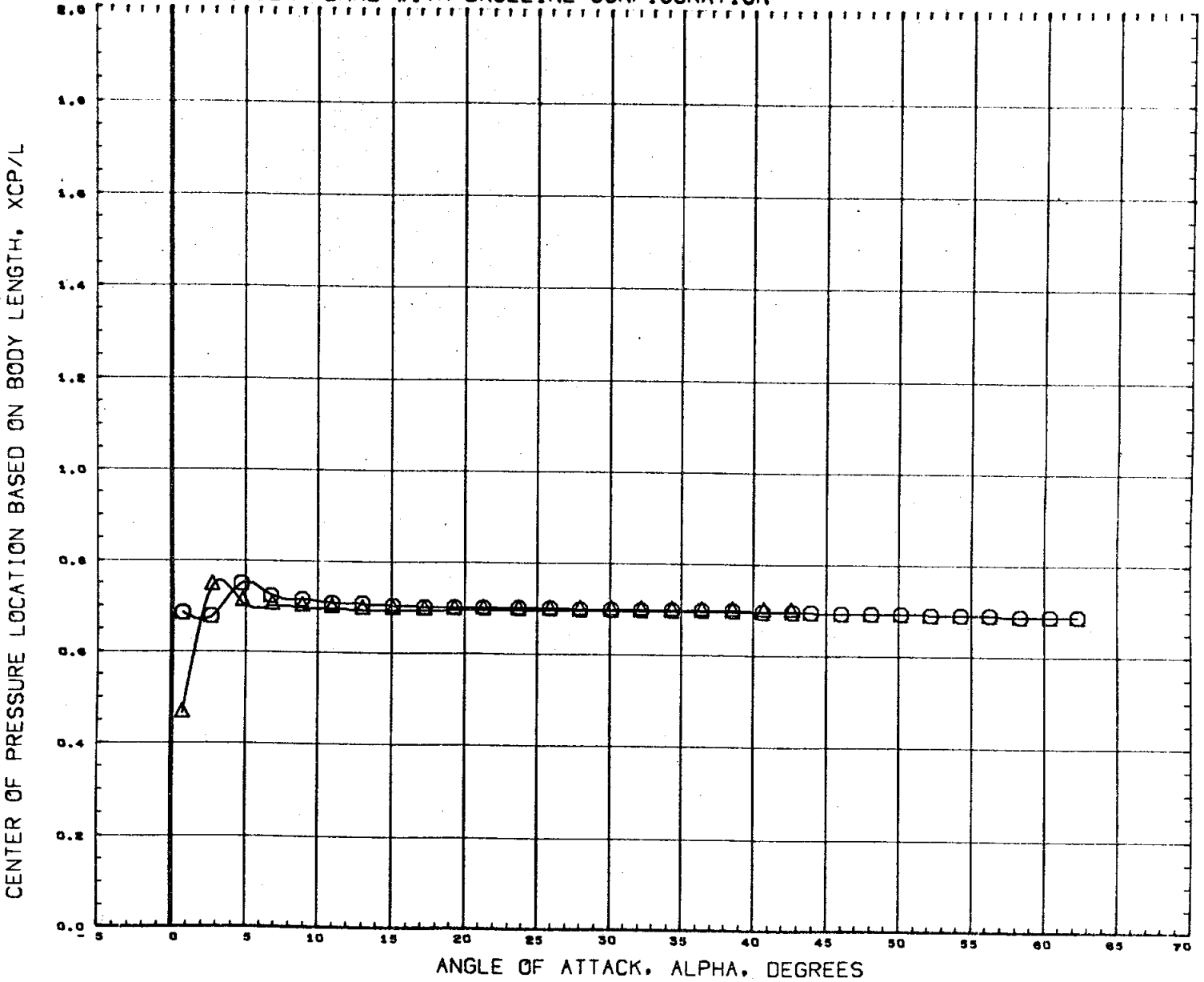
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76303)	M355 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	M355 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

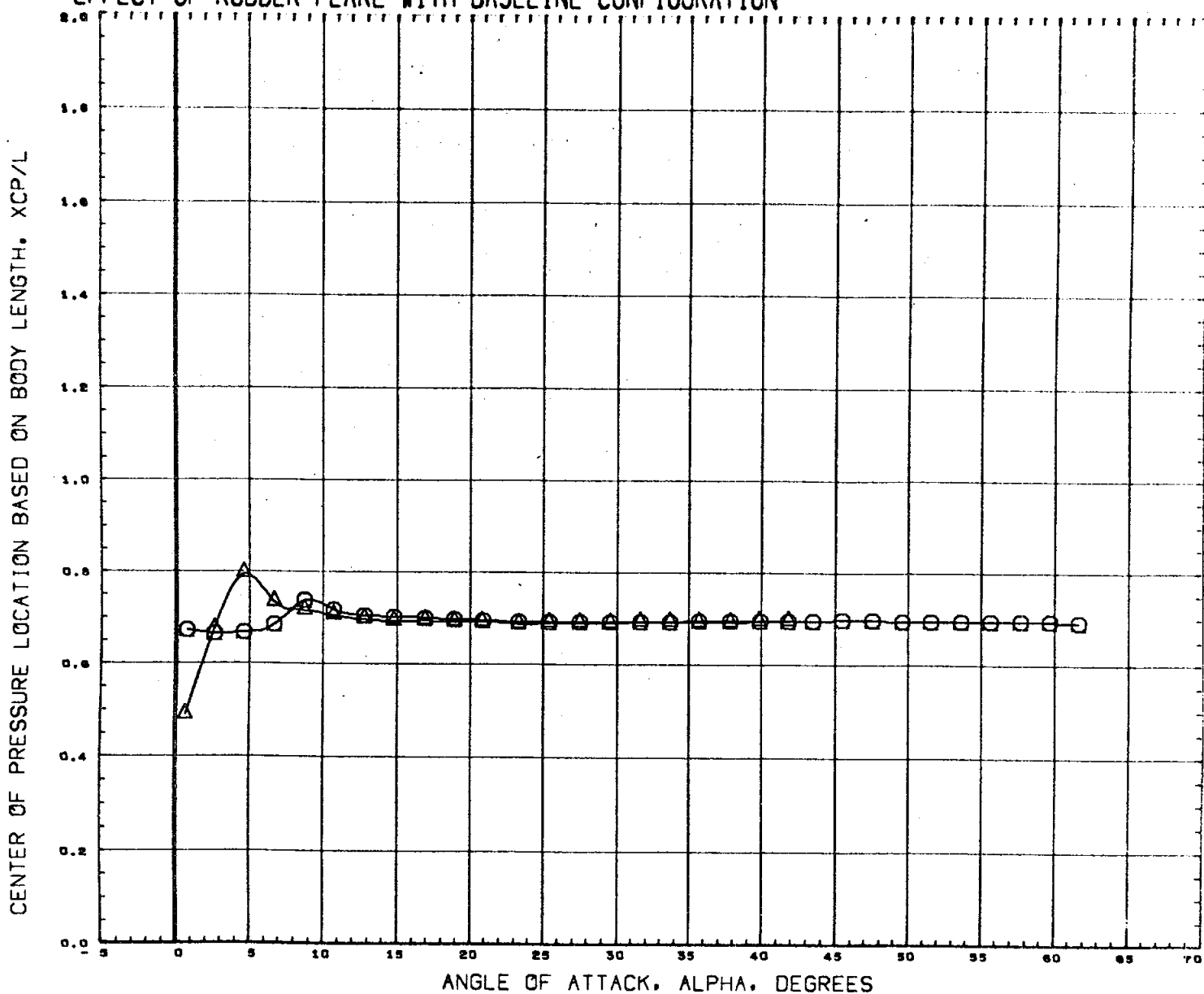
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

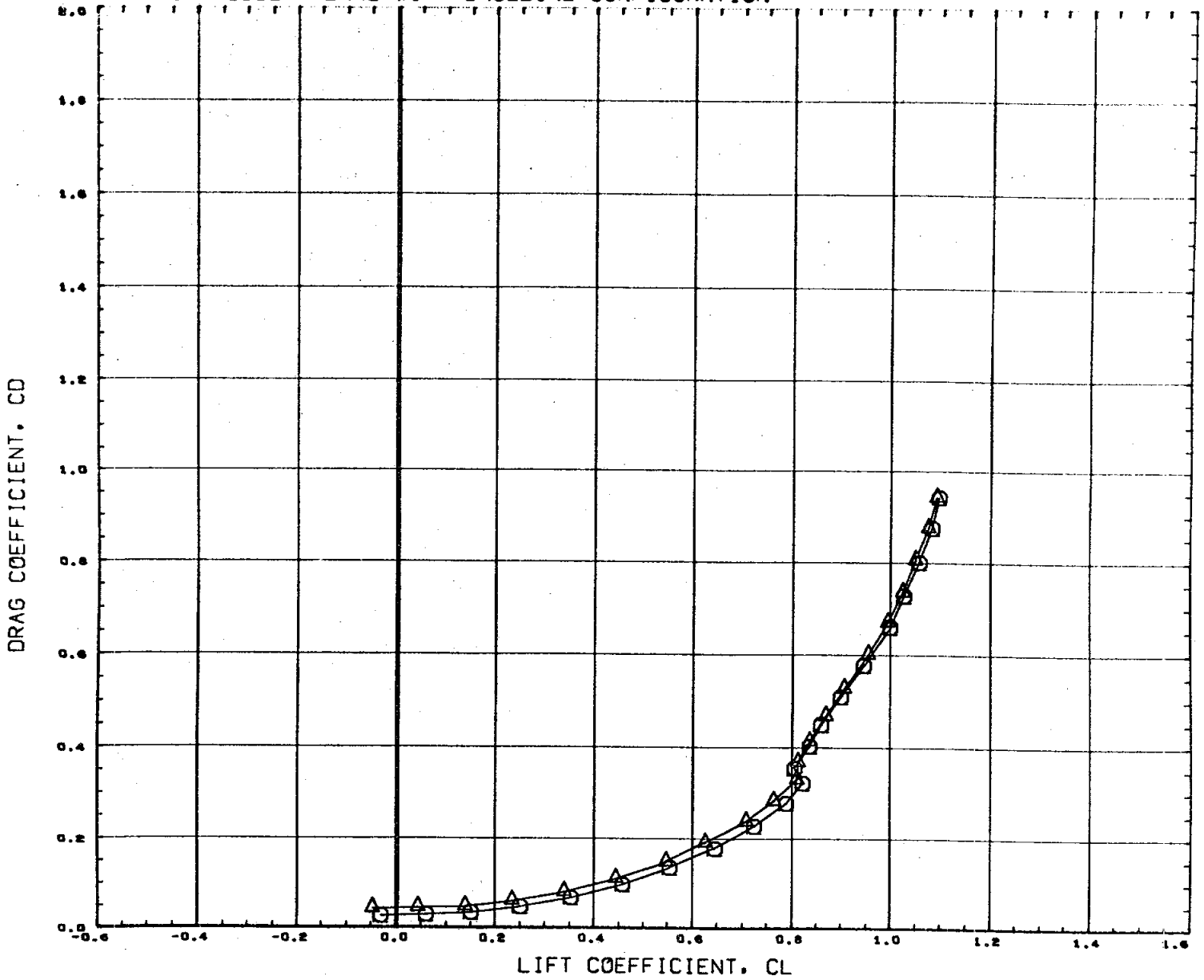
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

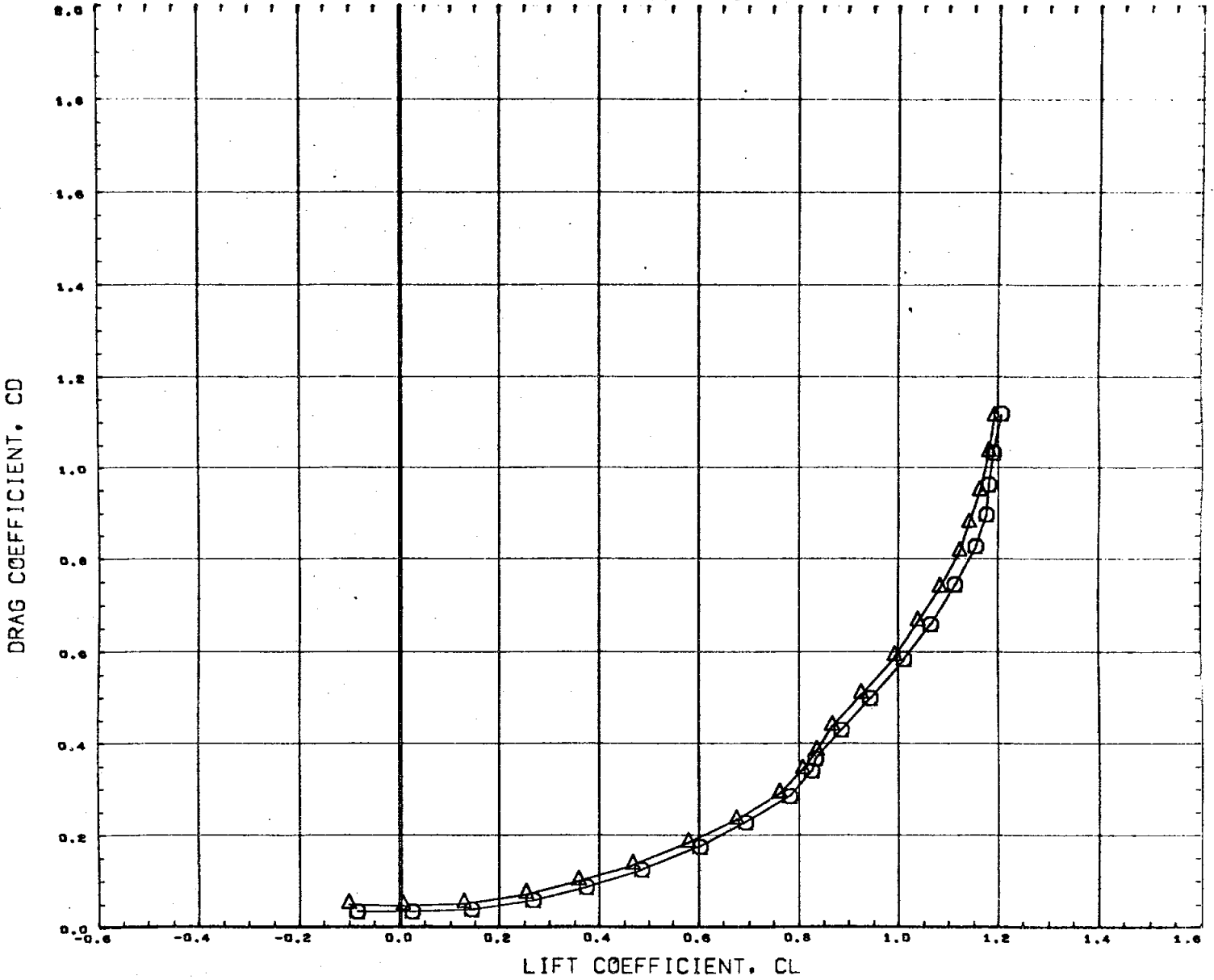


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .59

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

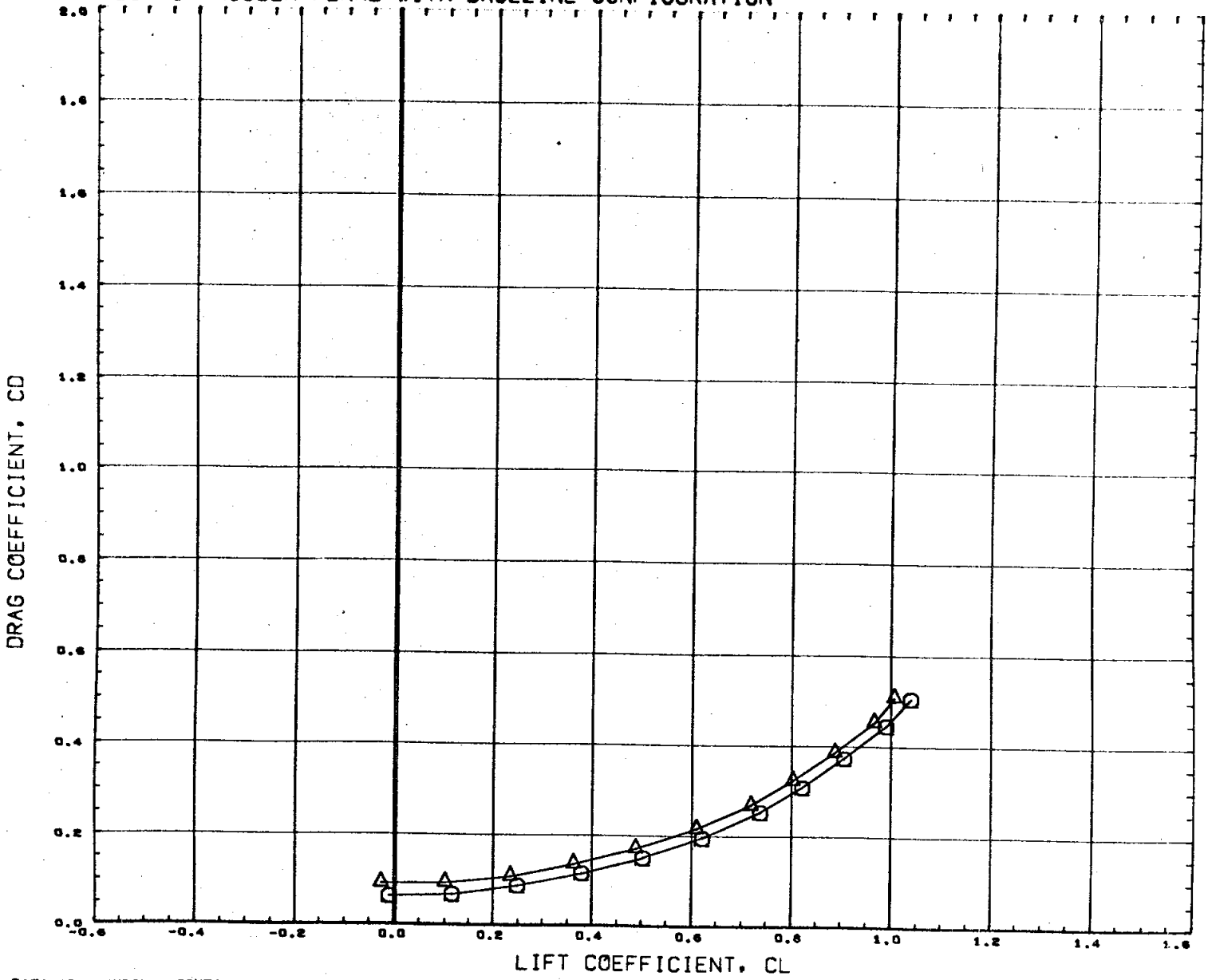


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7830S)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 sq. in.
(C78323)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 in.
					BREF	4.0300 in.
					XMRF	3.4530 in.
					YMRF	0.0000 in.
					ZMRF	0.0000 in.
					SCALE	0.0040

MACH .90



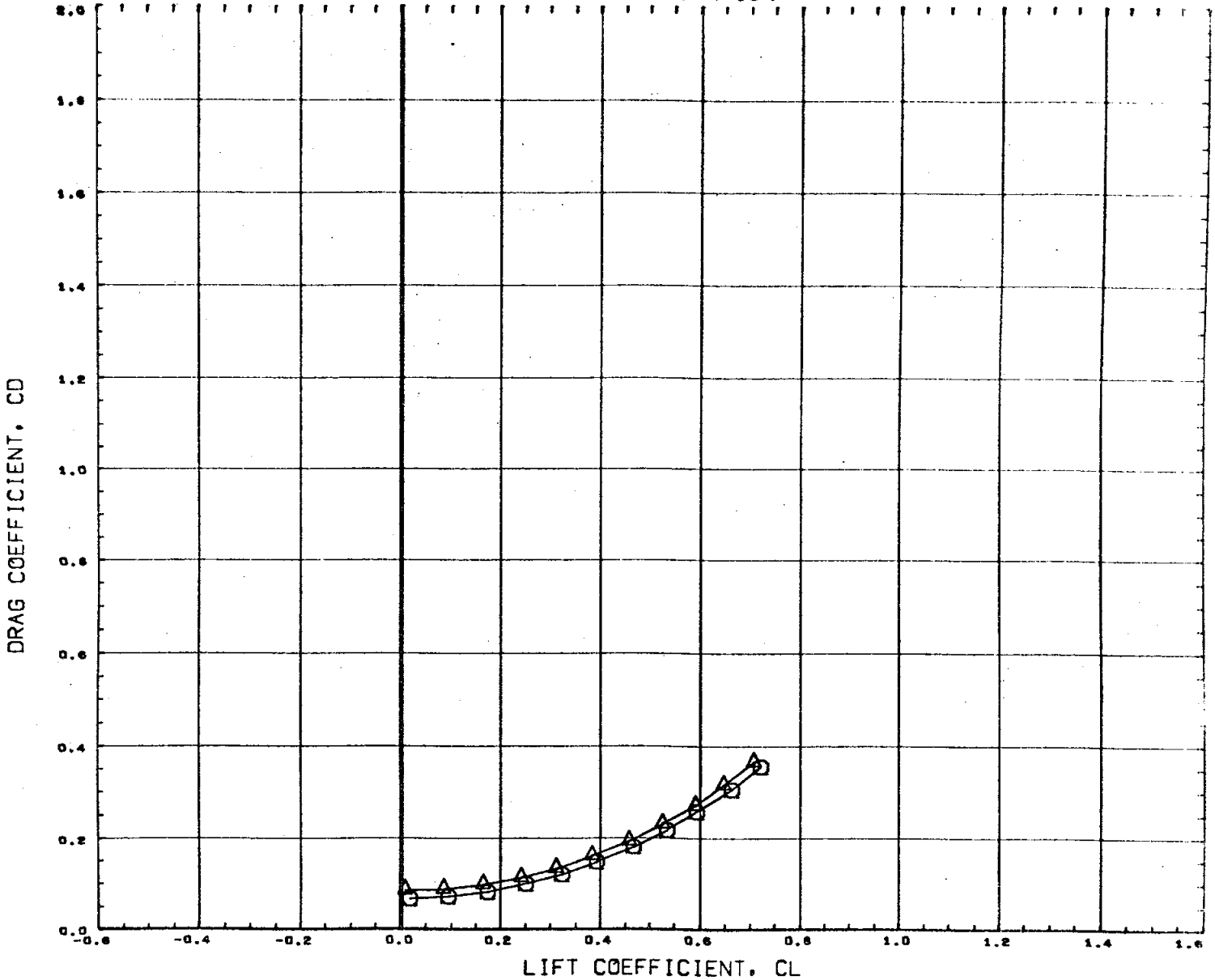
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

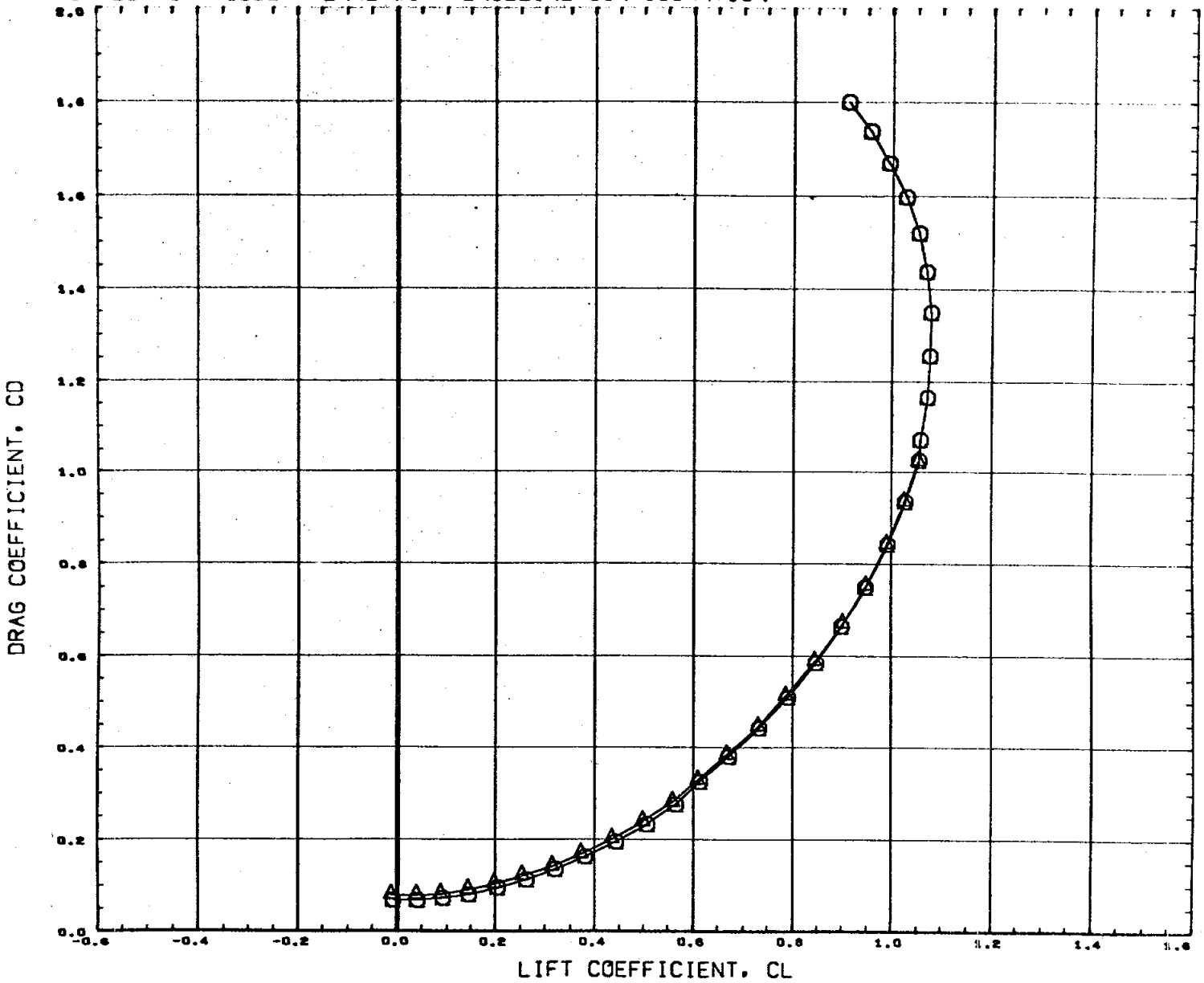
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
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					SCALE 0.0040

MACH 1.97

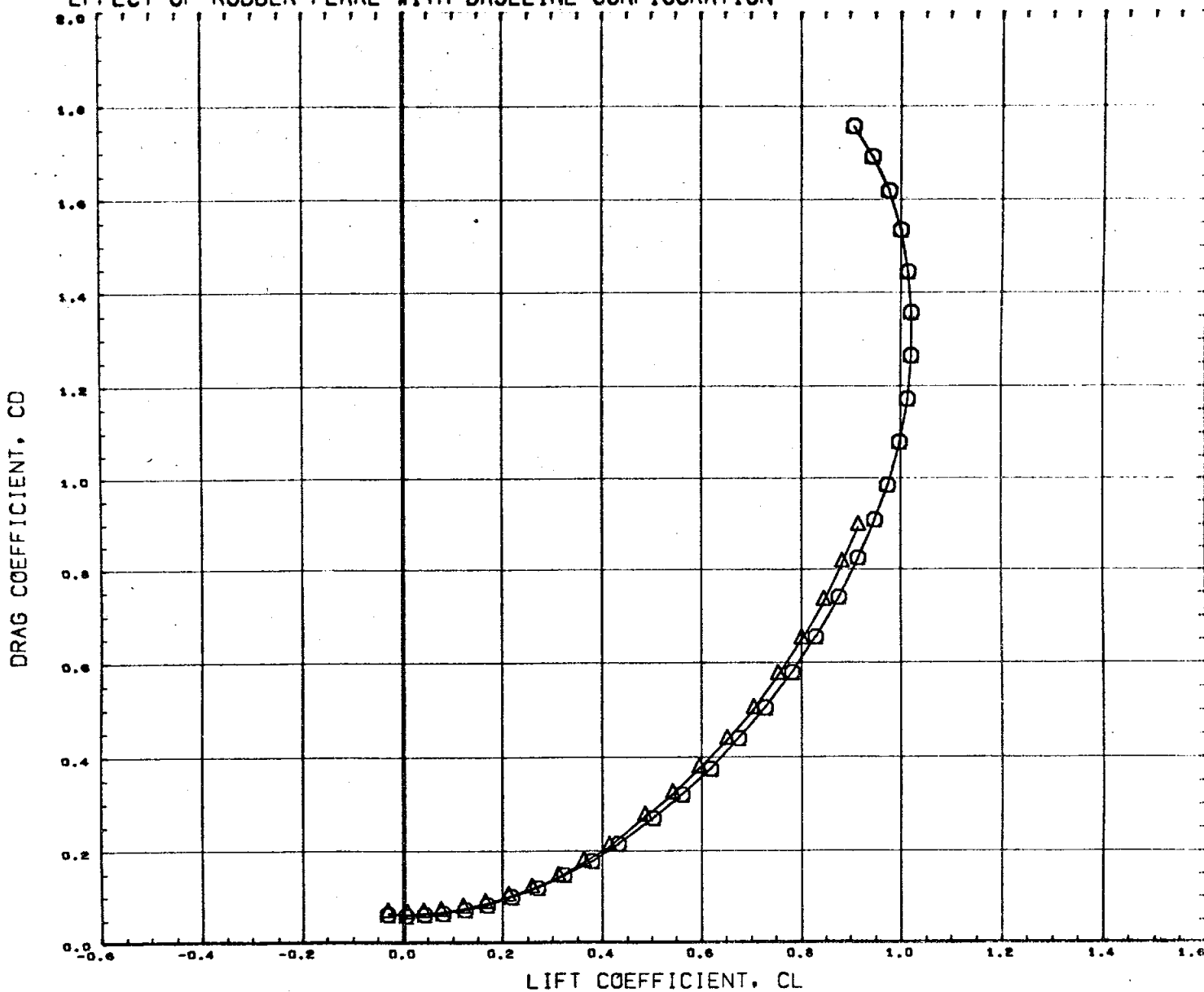
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					SREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

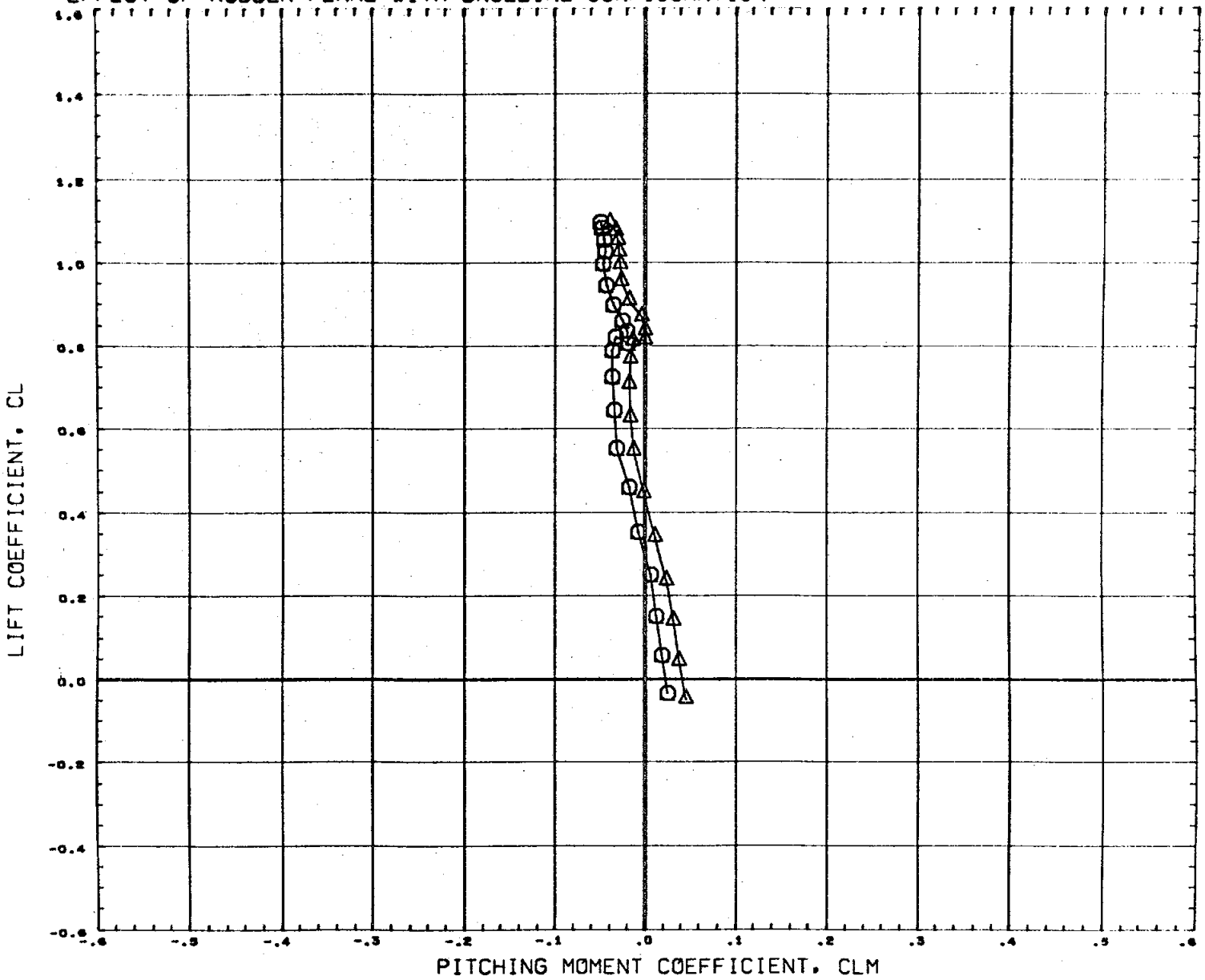
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDDL	REFERENCE INFORMATION
(C76309)	○ H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76323)	△ H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0500 IN.
					XMRP 3.4550 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

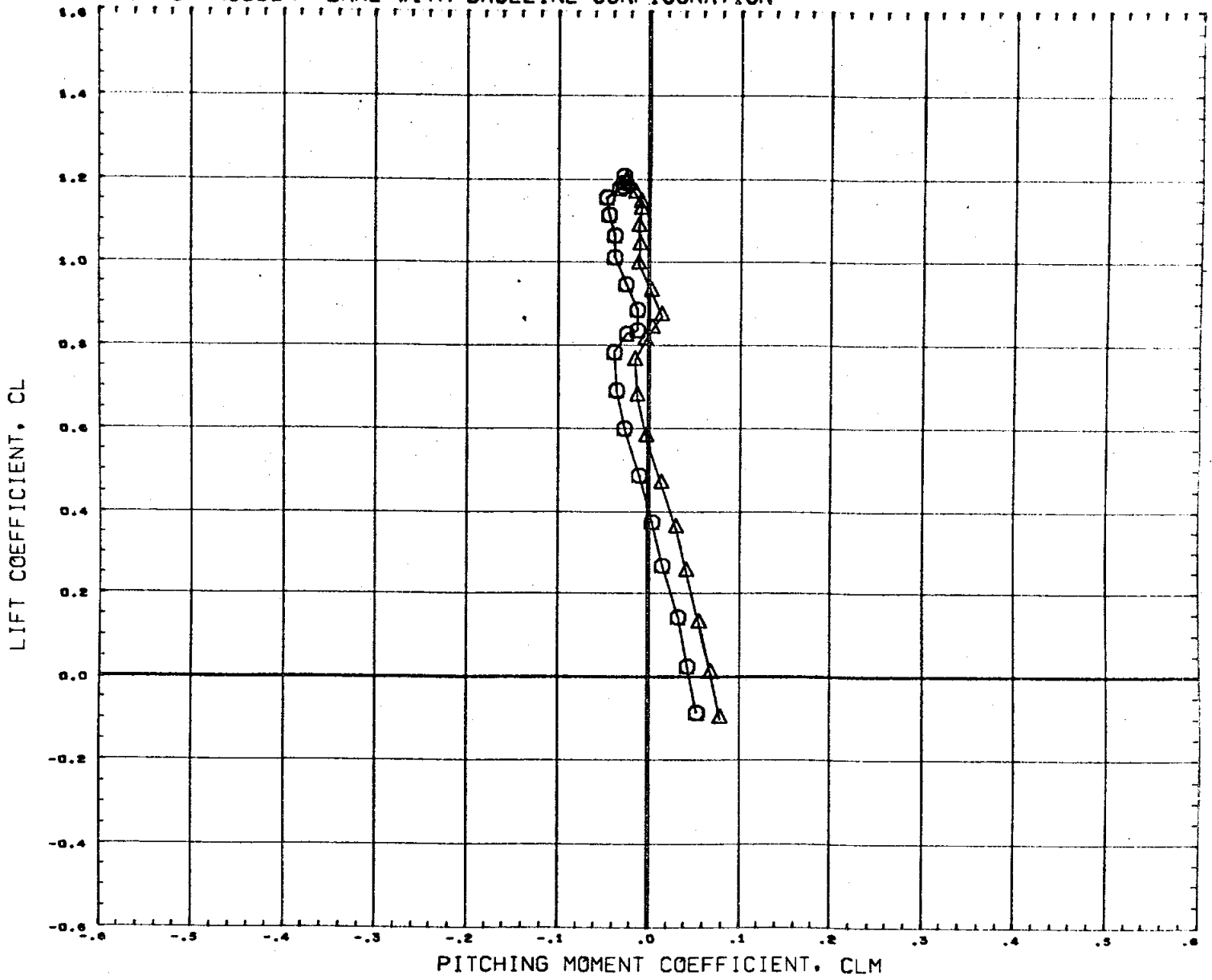


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (81C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN.
(C76523)	M555 (FA3) NAR ATP ORB (81C1D1F1N1) (W1E1) (V1K1R1)	0.000	0.000	40.000	BREF 4.0300 IN. XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .59

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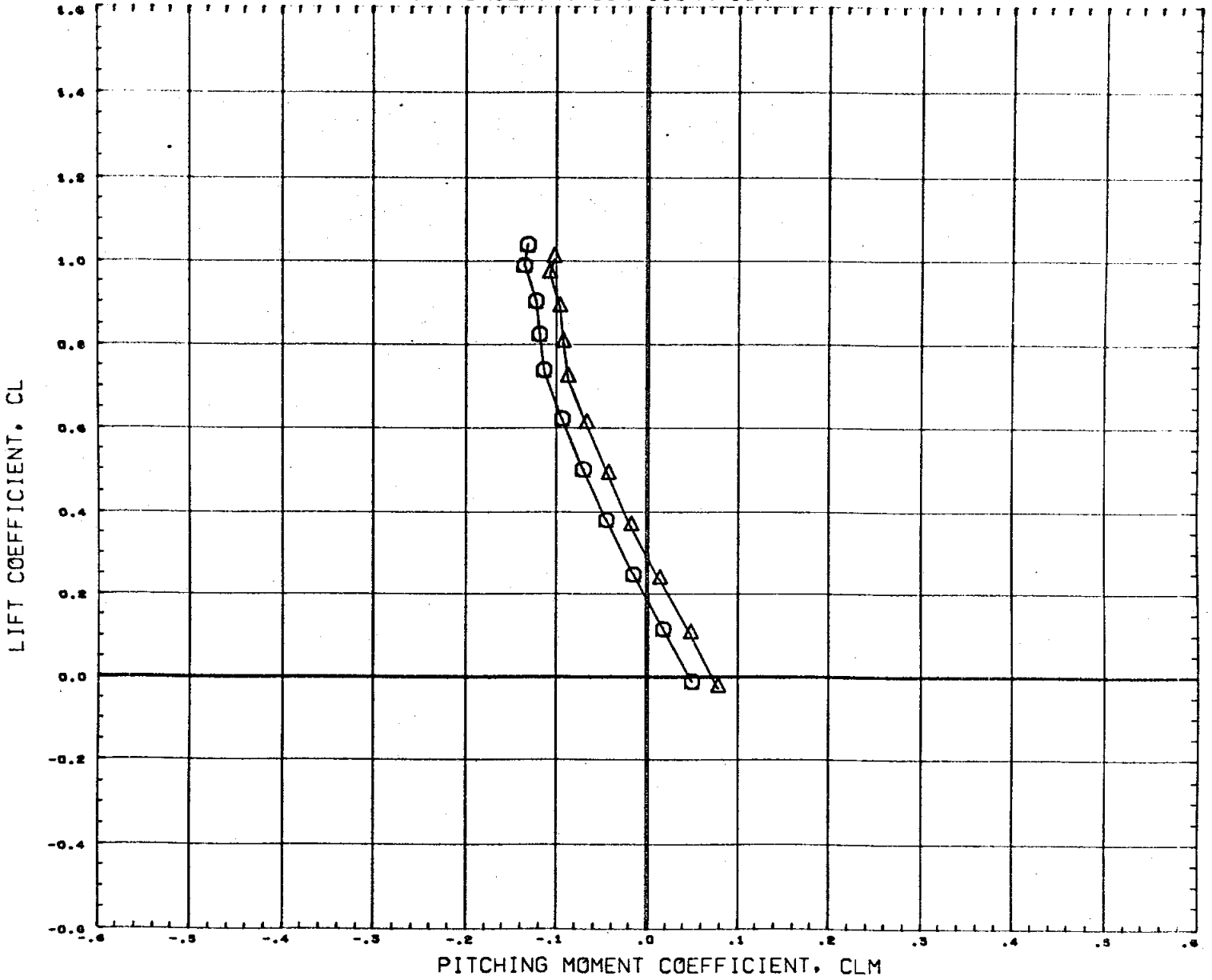
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

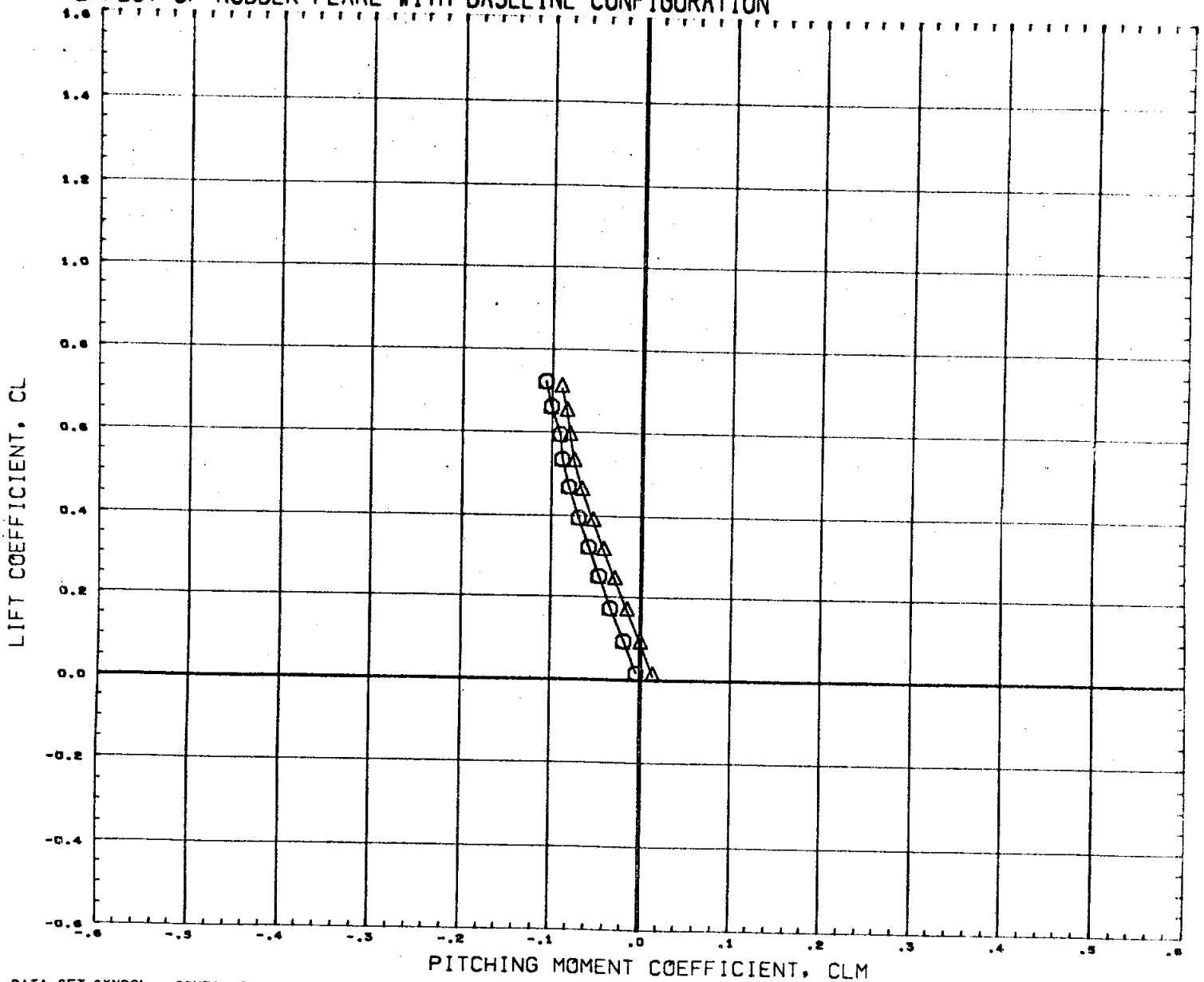
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76505)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

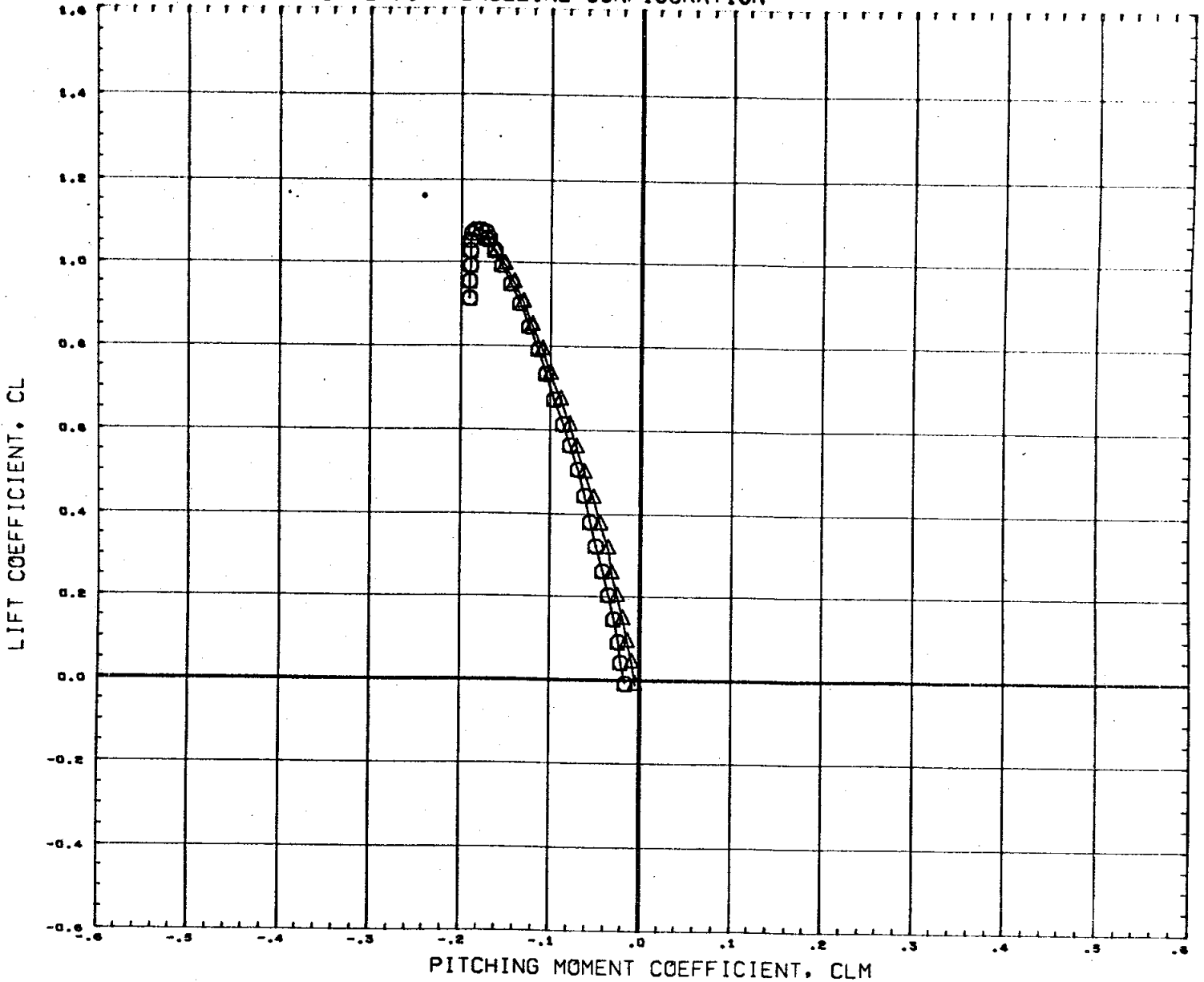


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	⊙ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632S)	△ M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97



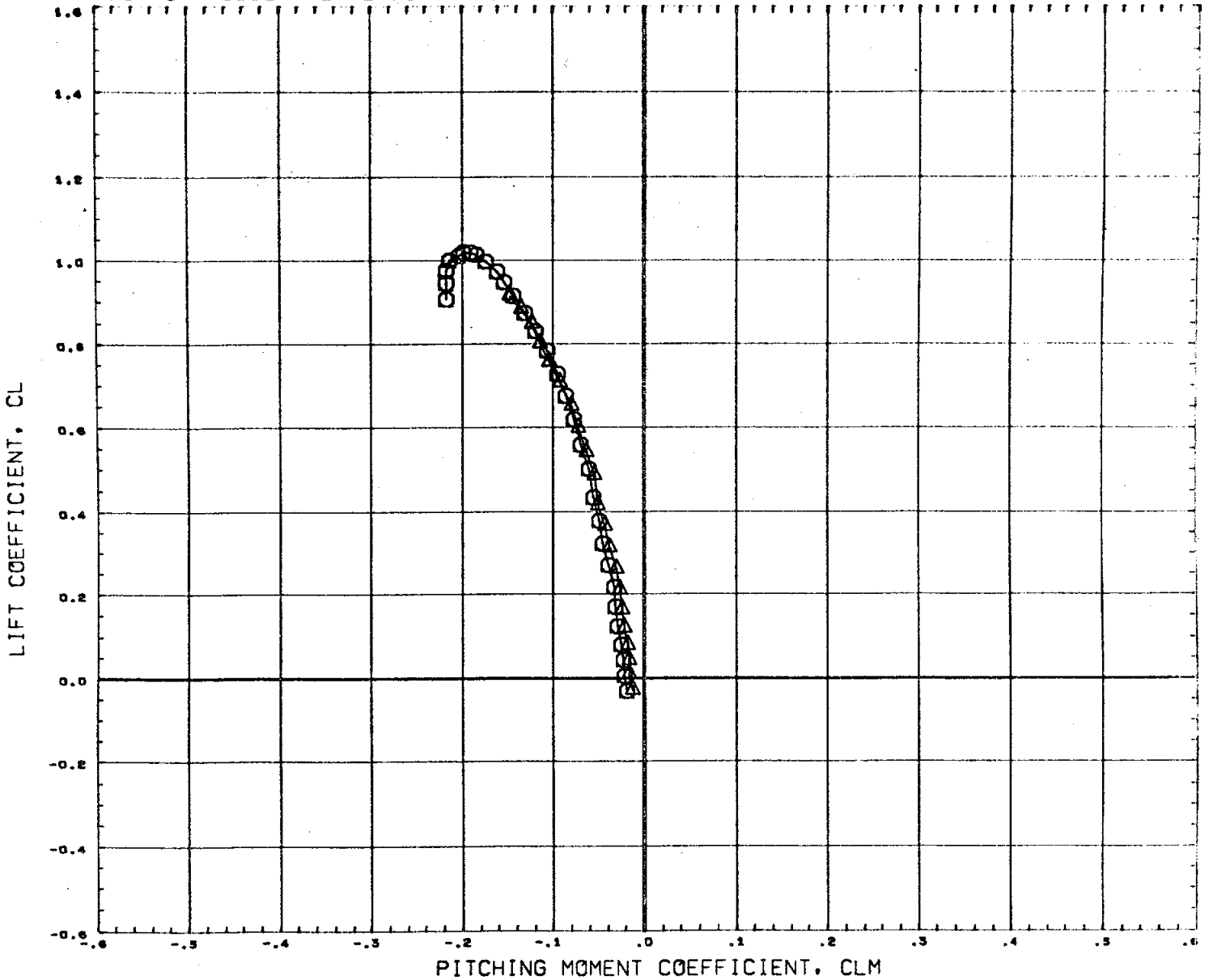
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76S23)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

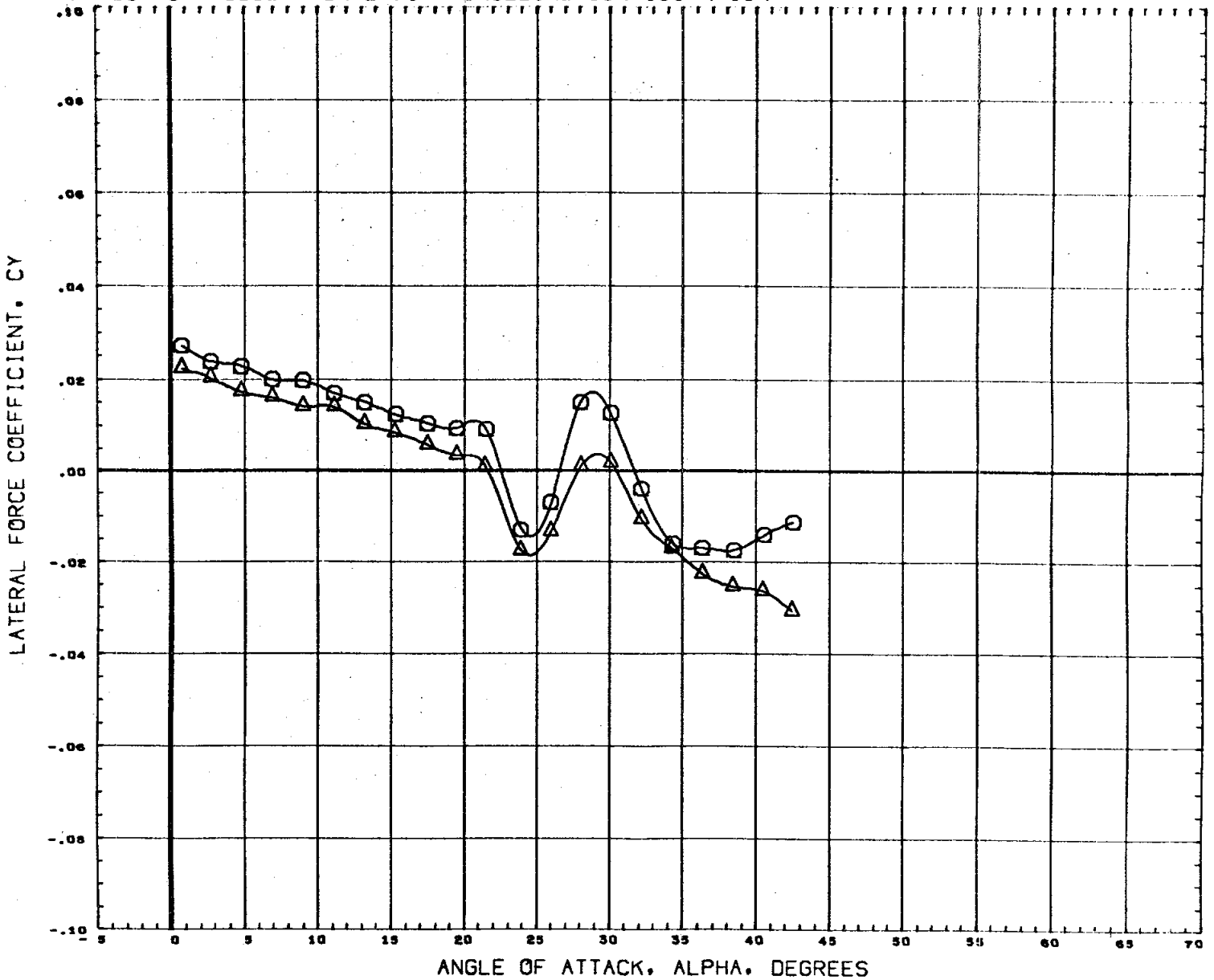
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

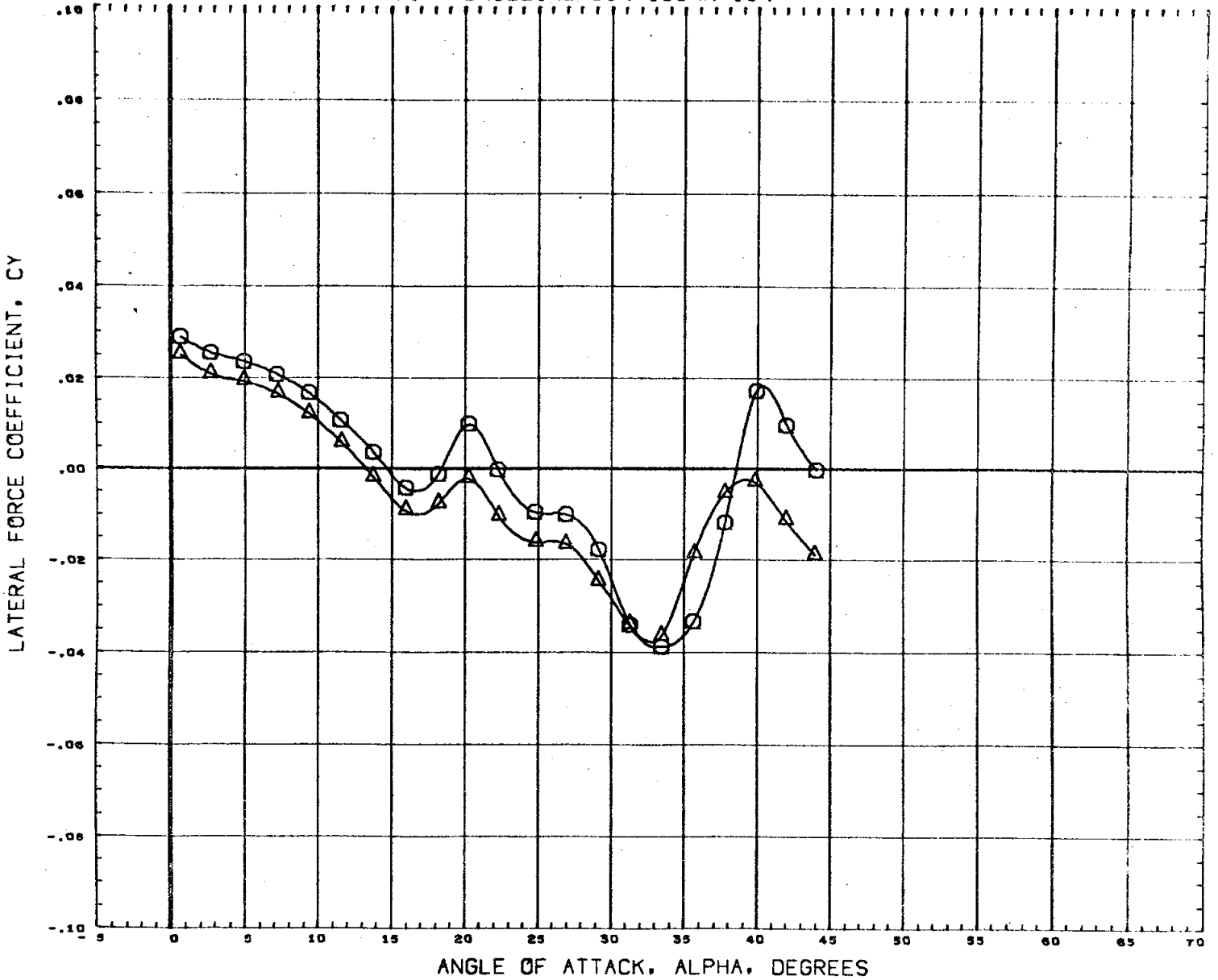
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A7632S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

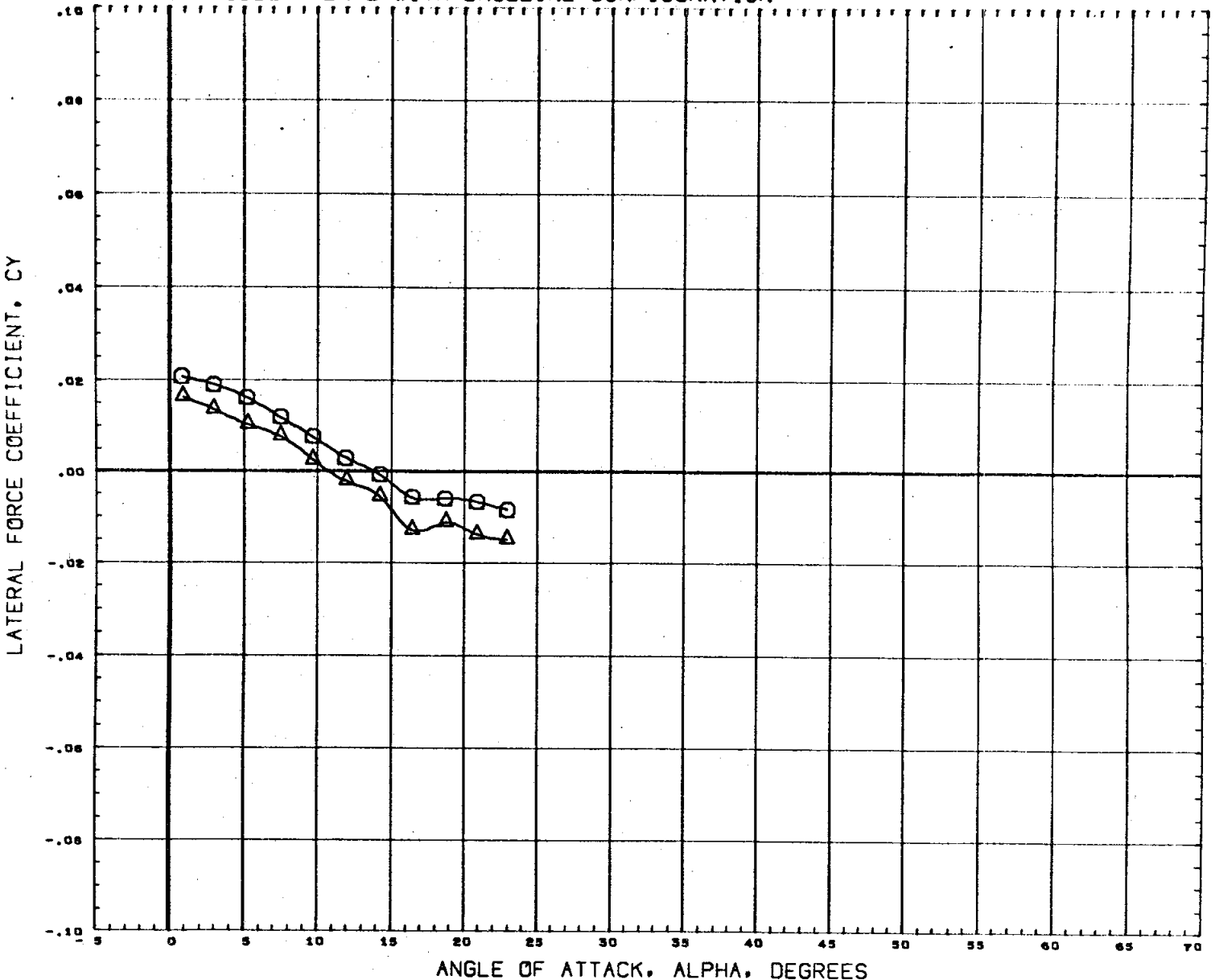


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(A76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
YMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .90

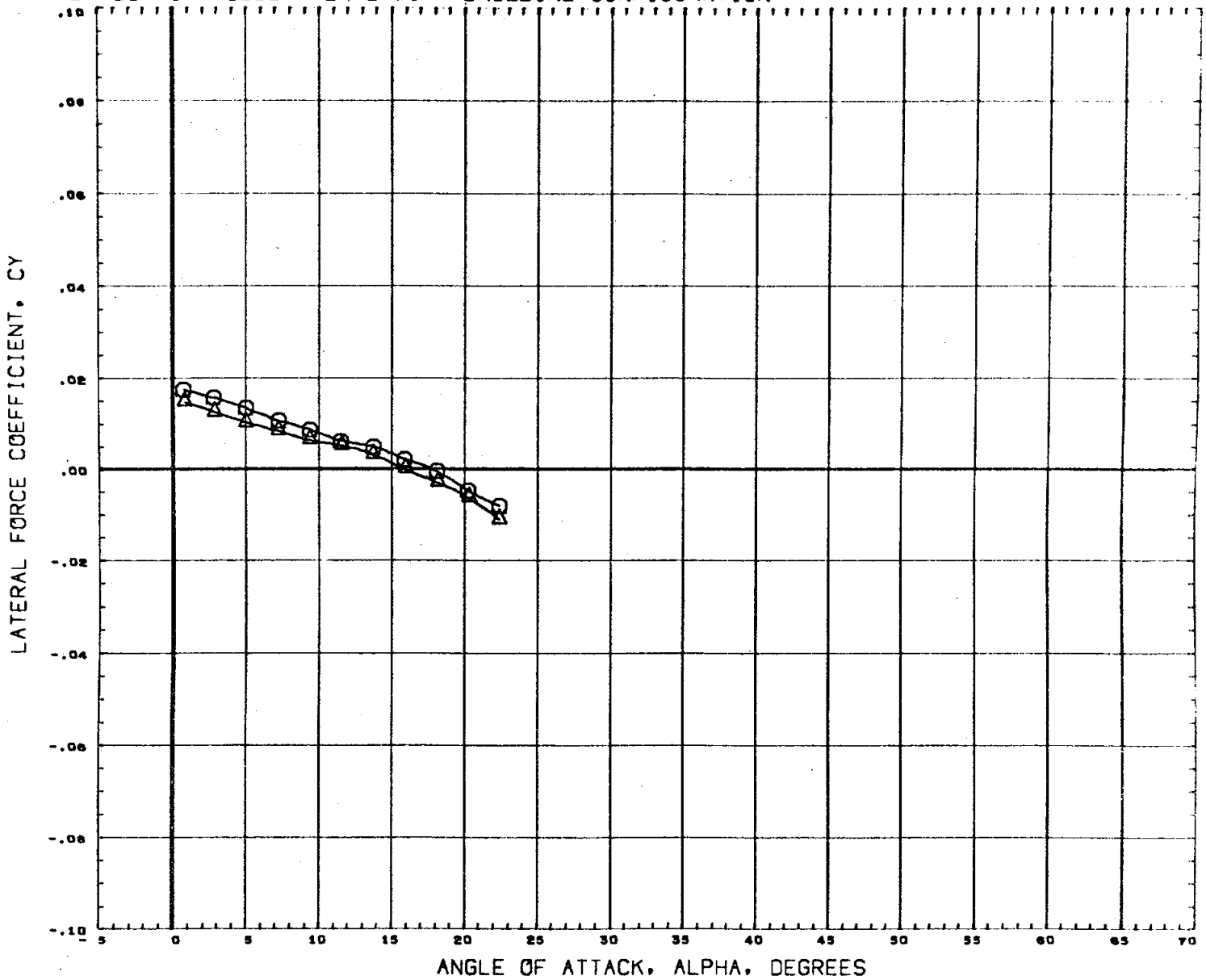
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

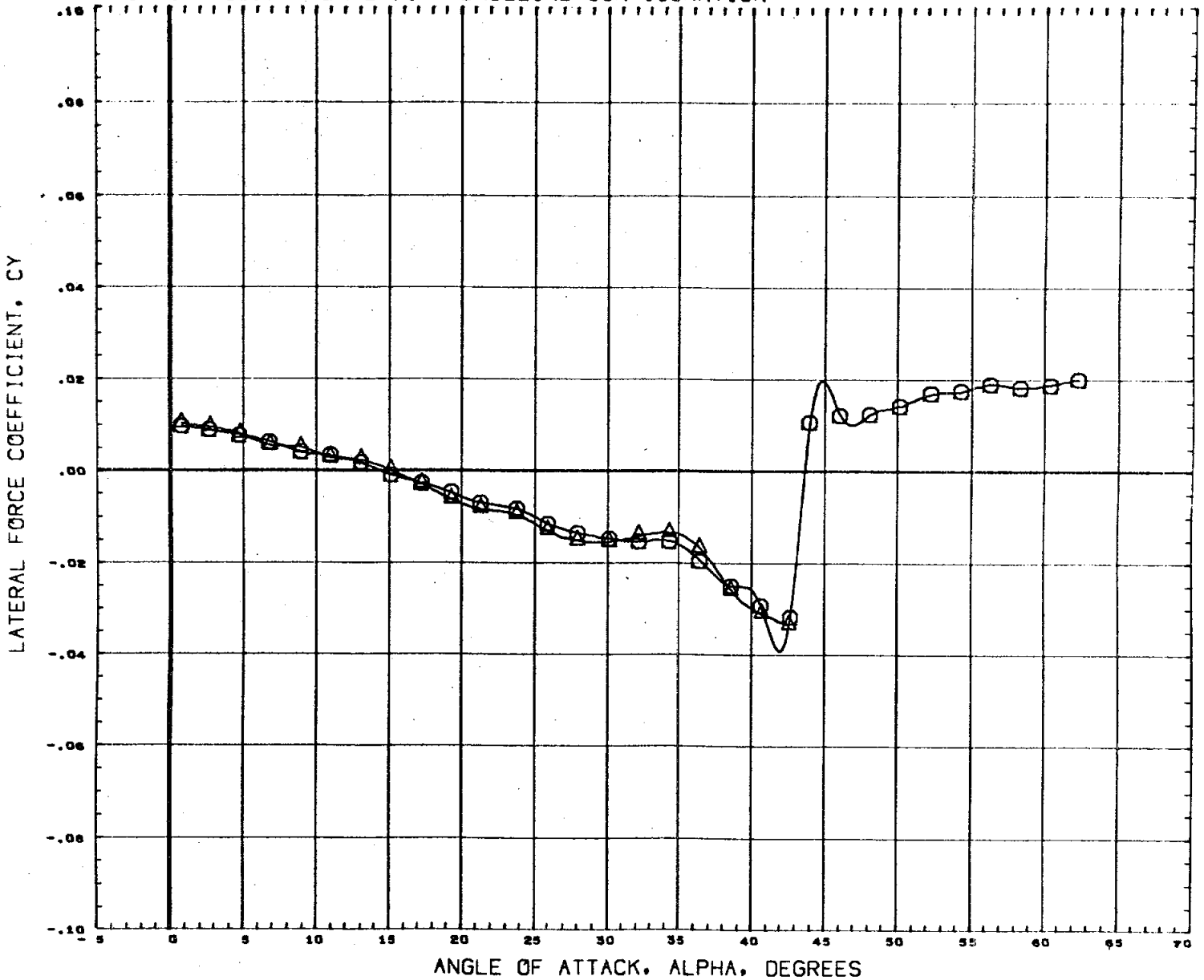
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76S2S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

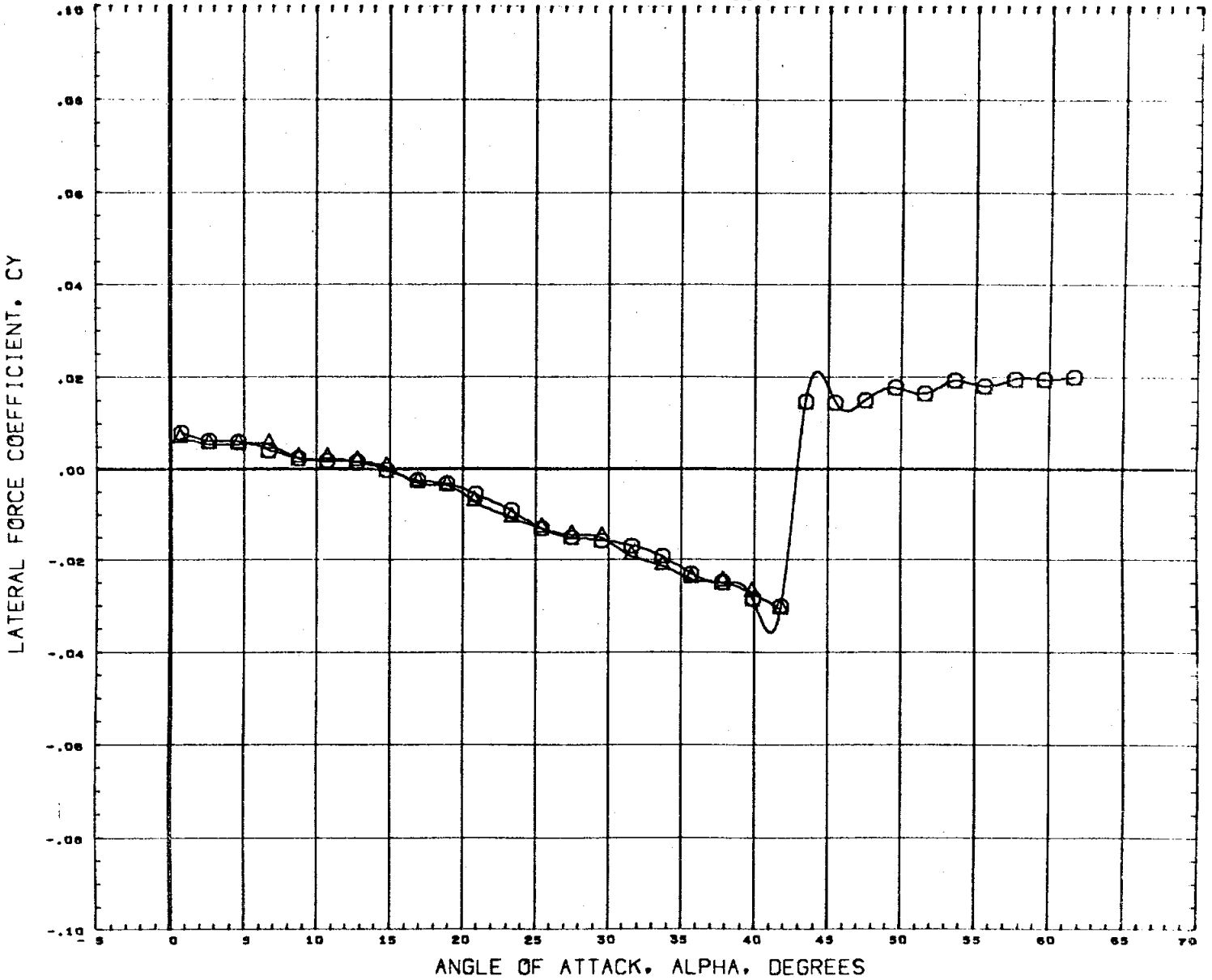
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					SREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



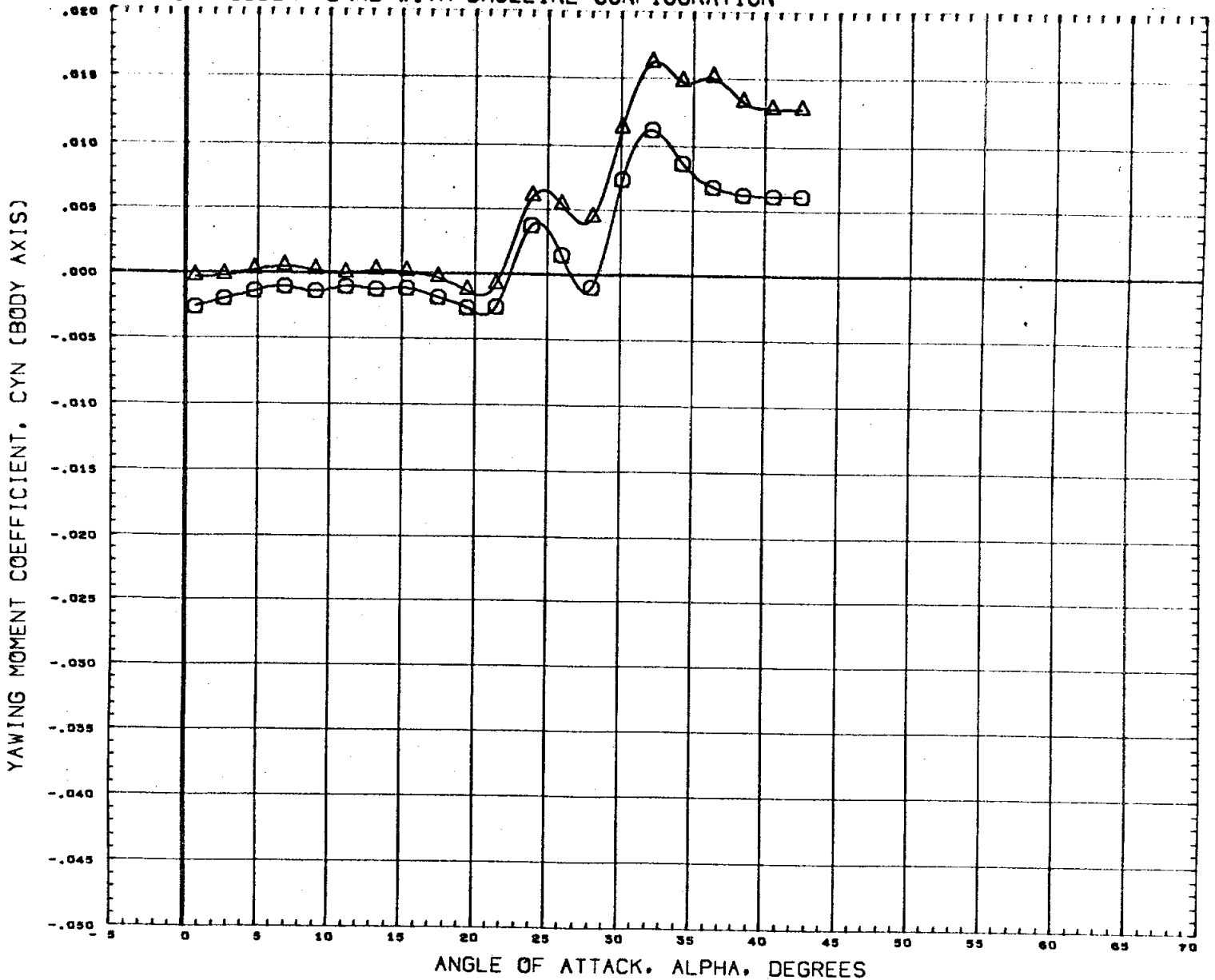
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76S2S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

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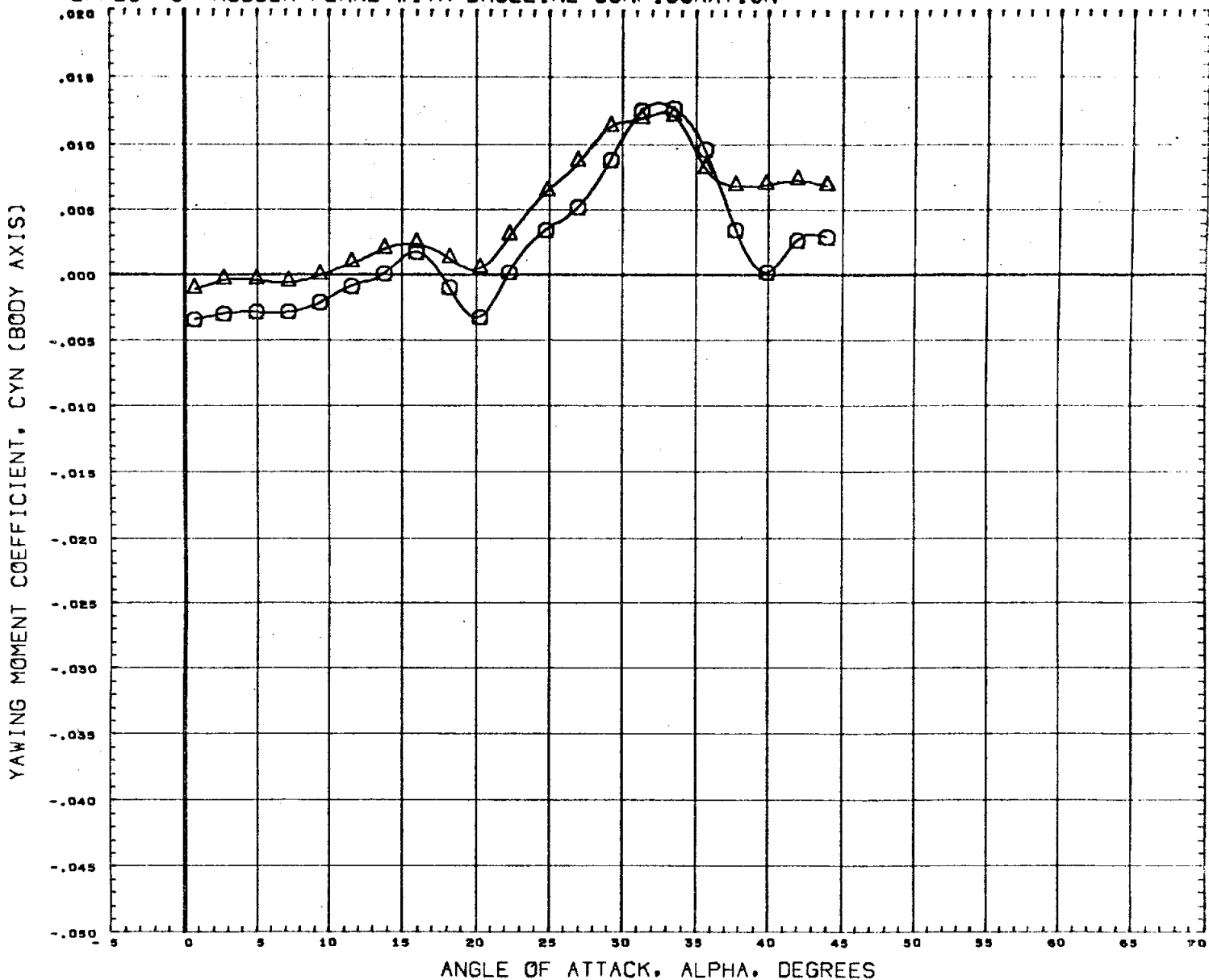
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76303)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76523)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

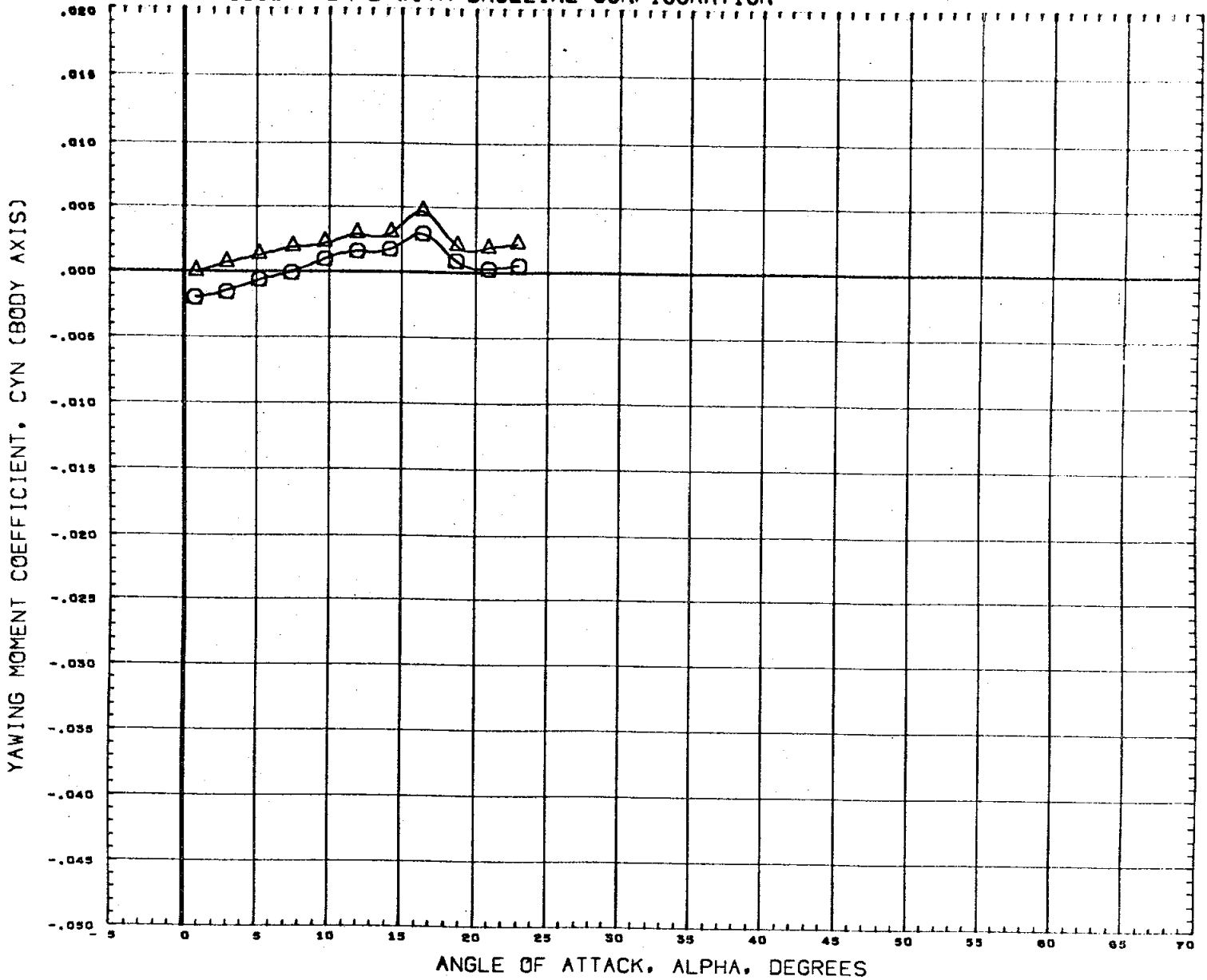
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76523)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

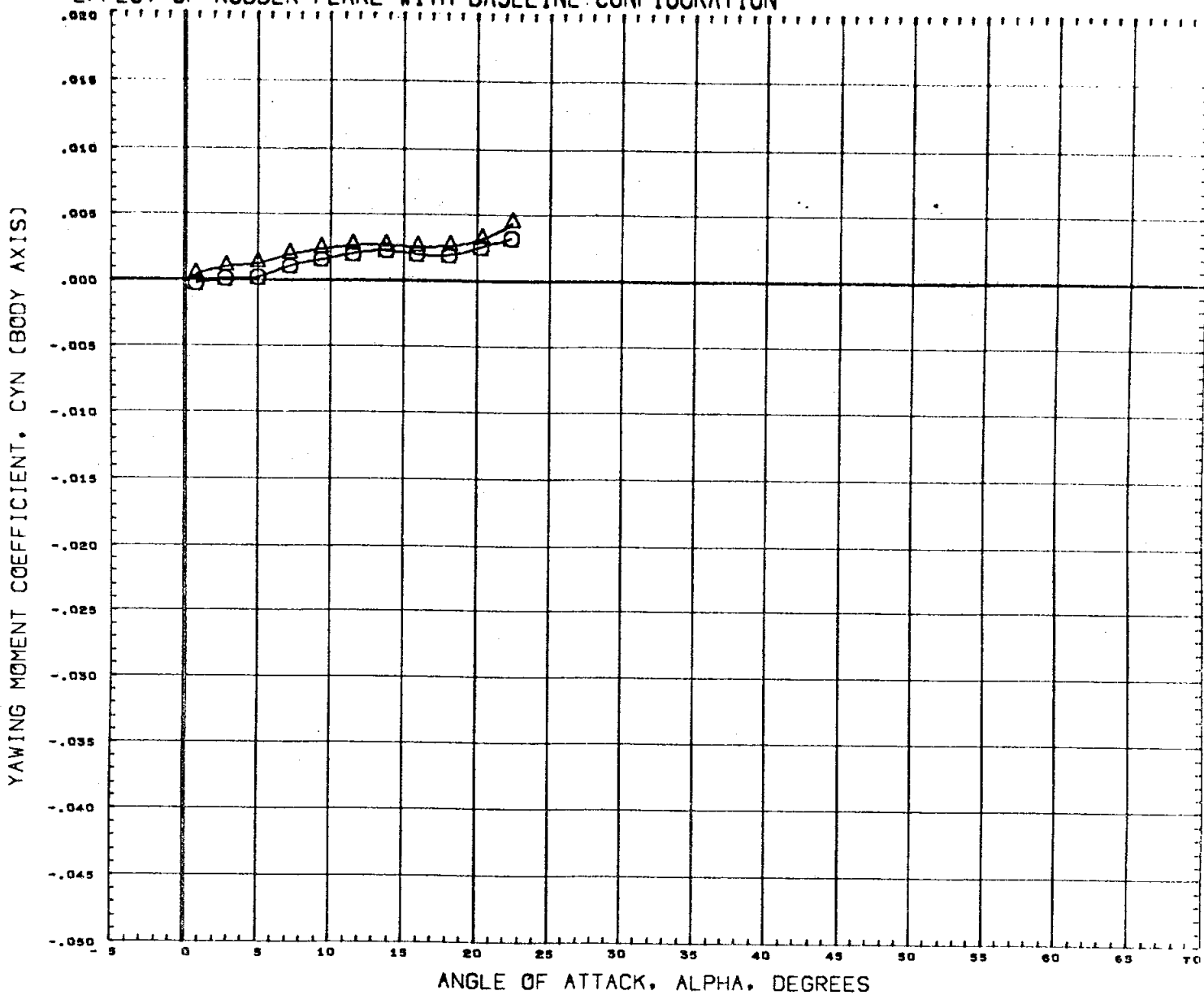
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76323)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(A7630S)       M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

(A76S23)       M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	0.000	40.000

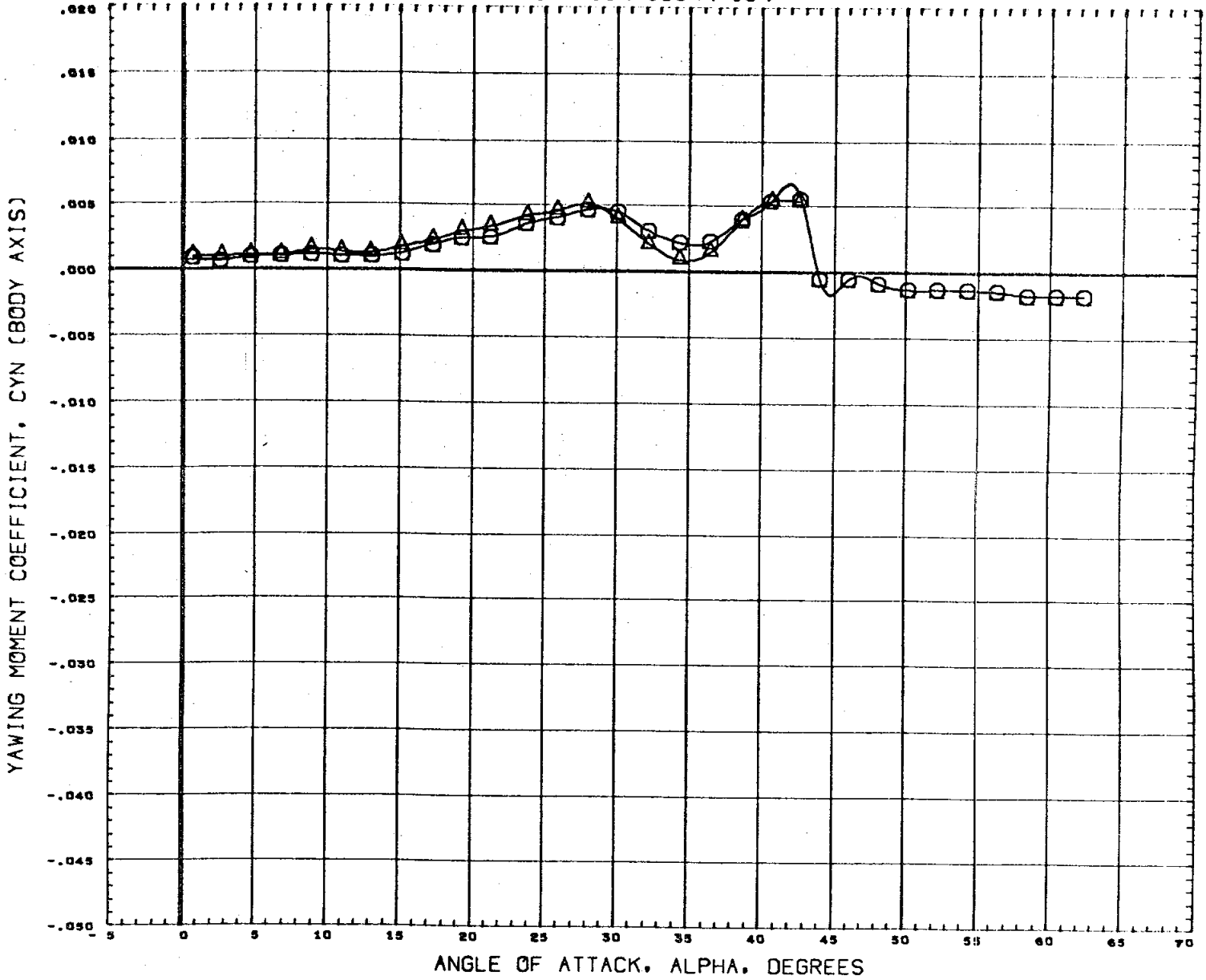
REFERENCE INFORMATION

SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH            1.97

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# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(A7630S)    M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

(A76S23)    M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	0.000	40.000

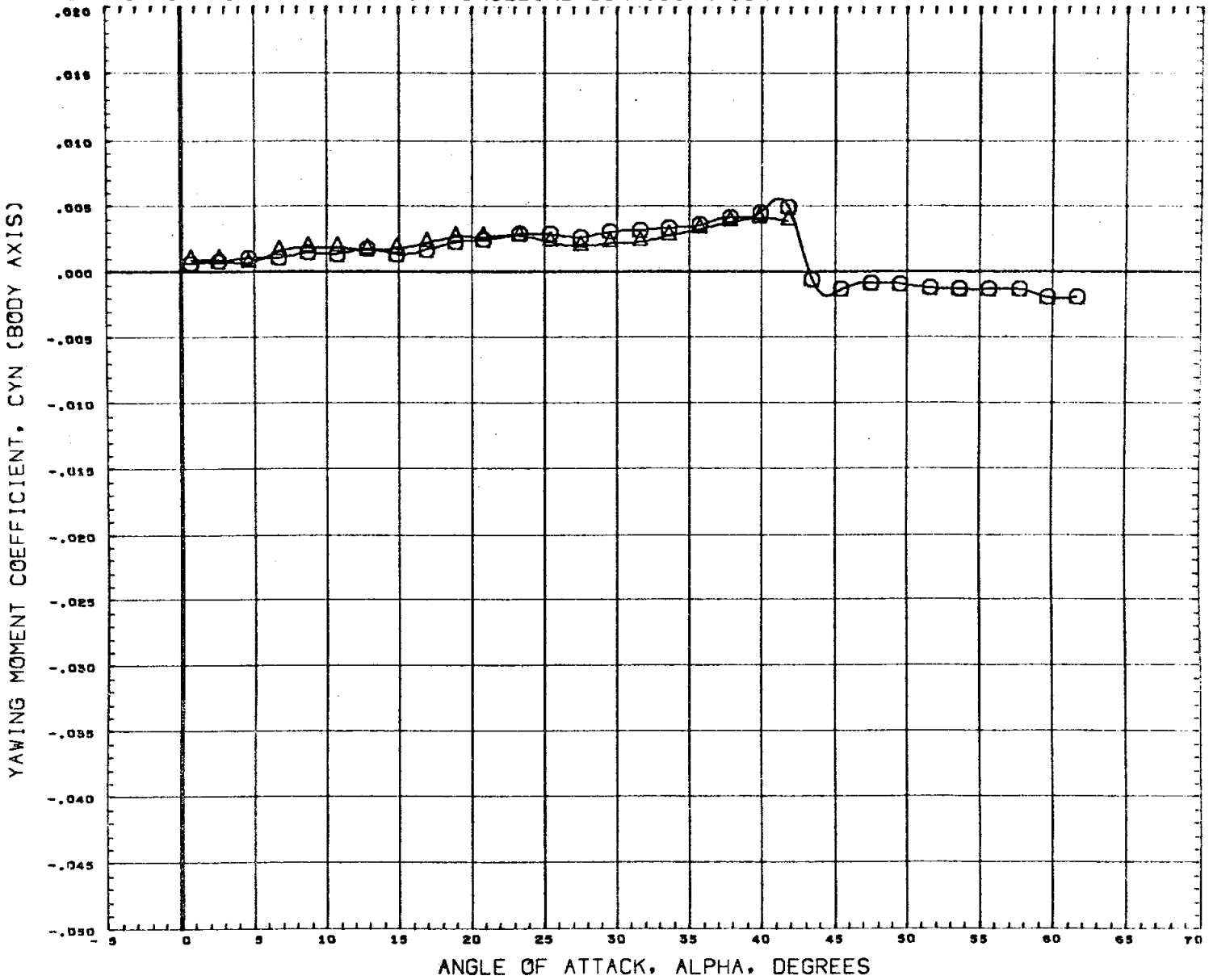
REFERENCE INFORMATION

SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH            2.99

PAGE            407

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

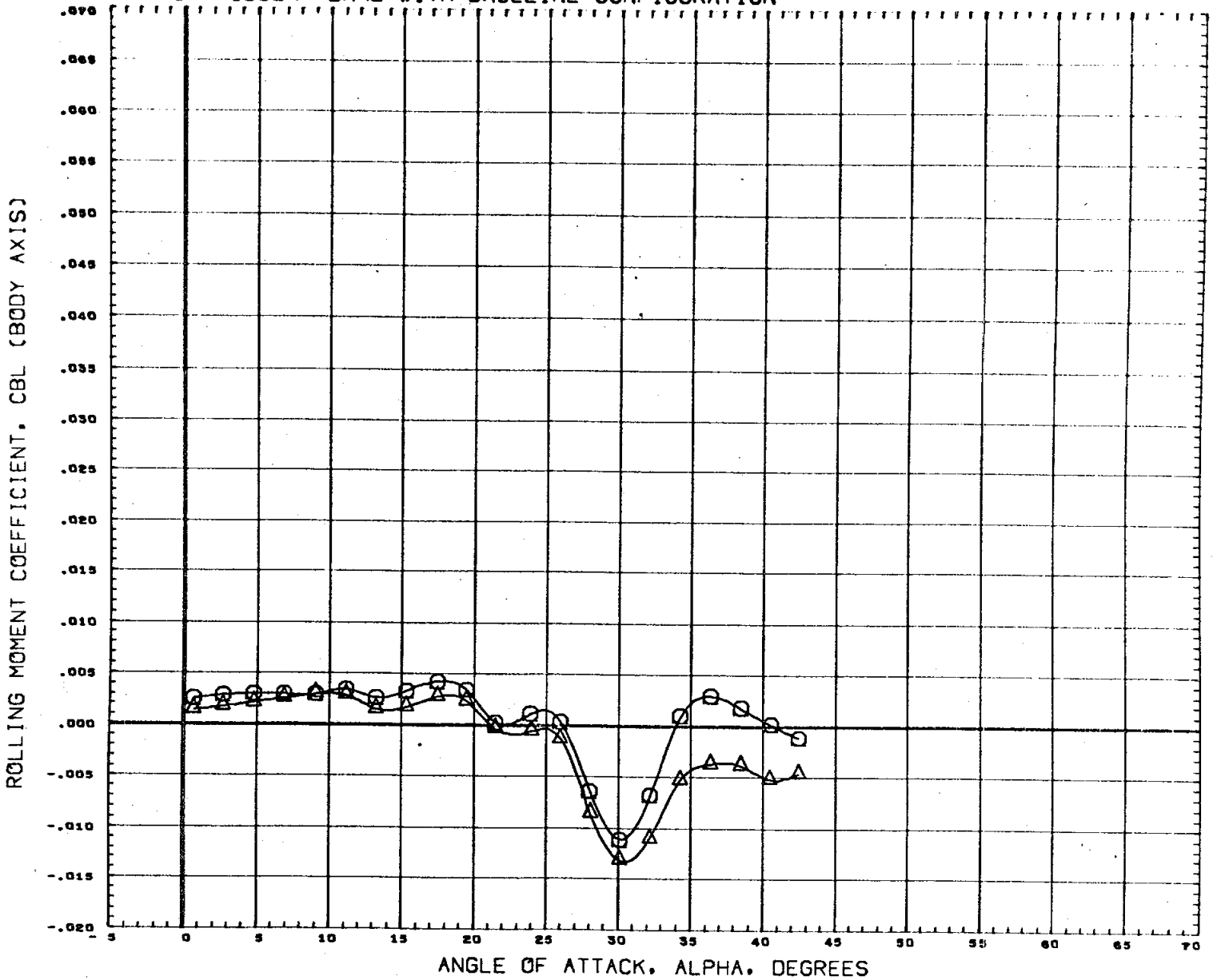


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN. LREF 2.1020 IN. BREF 4.0300 IN. XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040
(A76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	

MACH 4.96

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# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

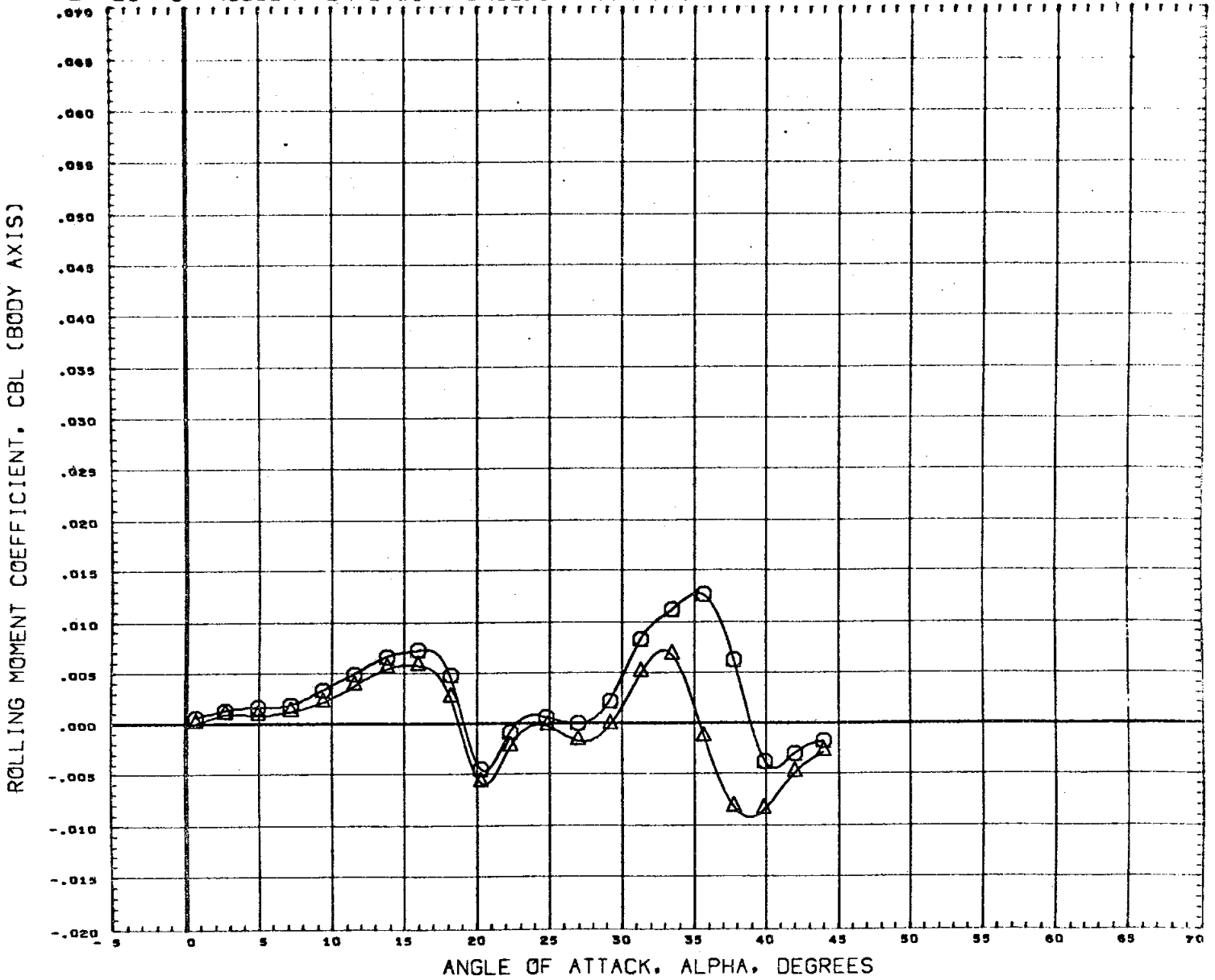


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(A7630S)	M555 (FA3) NAR ATP ORB (B1C101F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(A76S2S)	M555 (FA3) NAR ATP ORB (B1C101F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.004G	

MACH .59

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



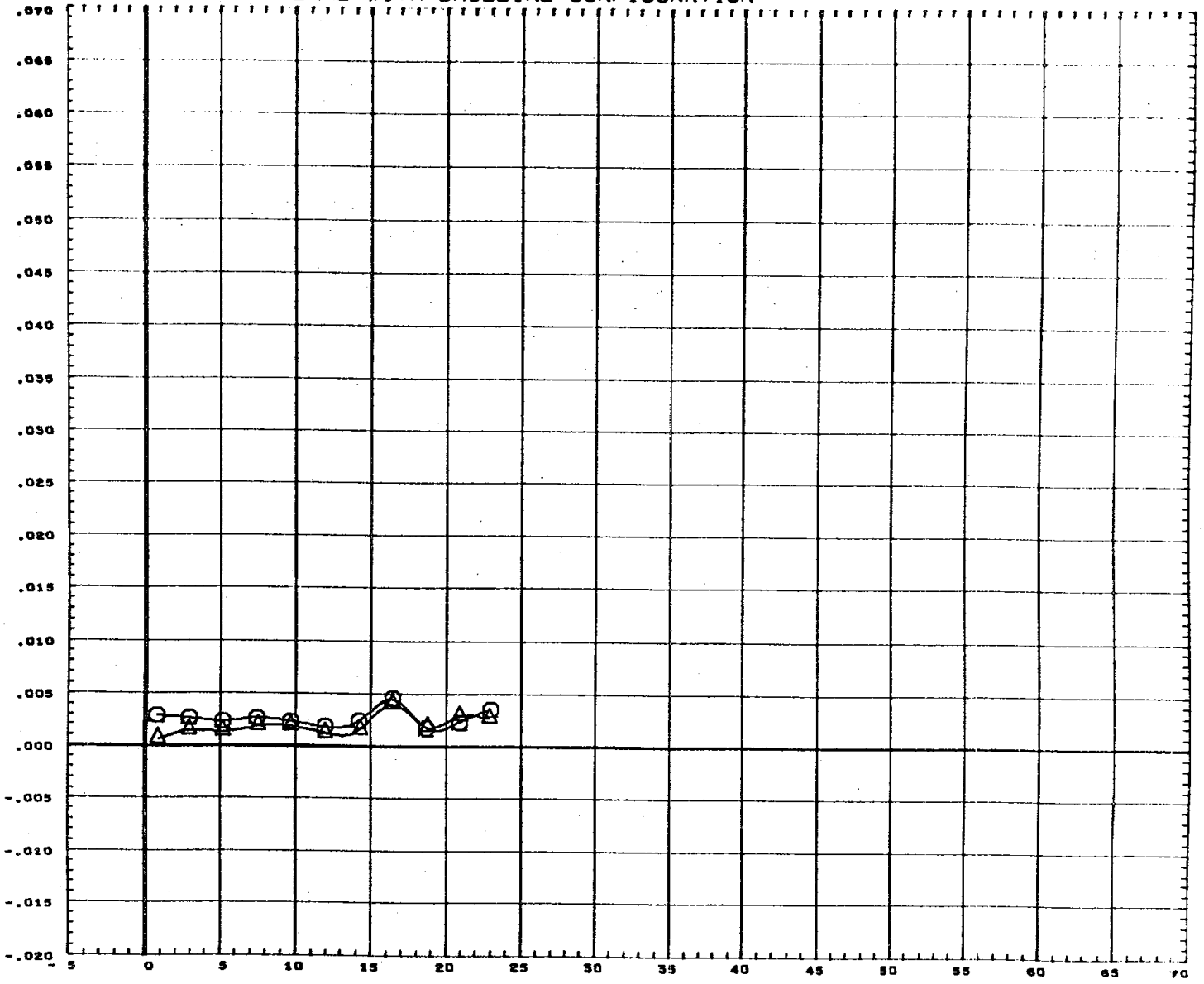
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76323)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90



# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

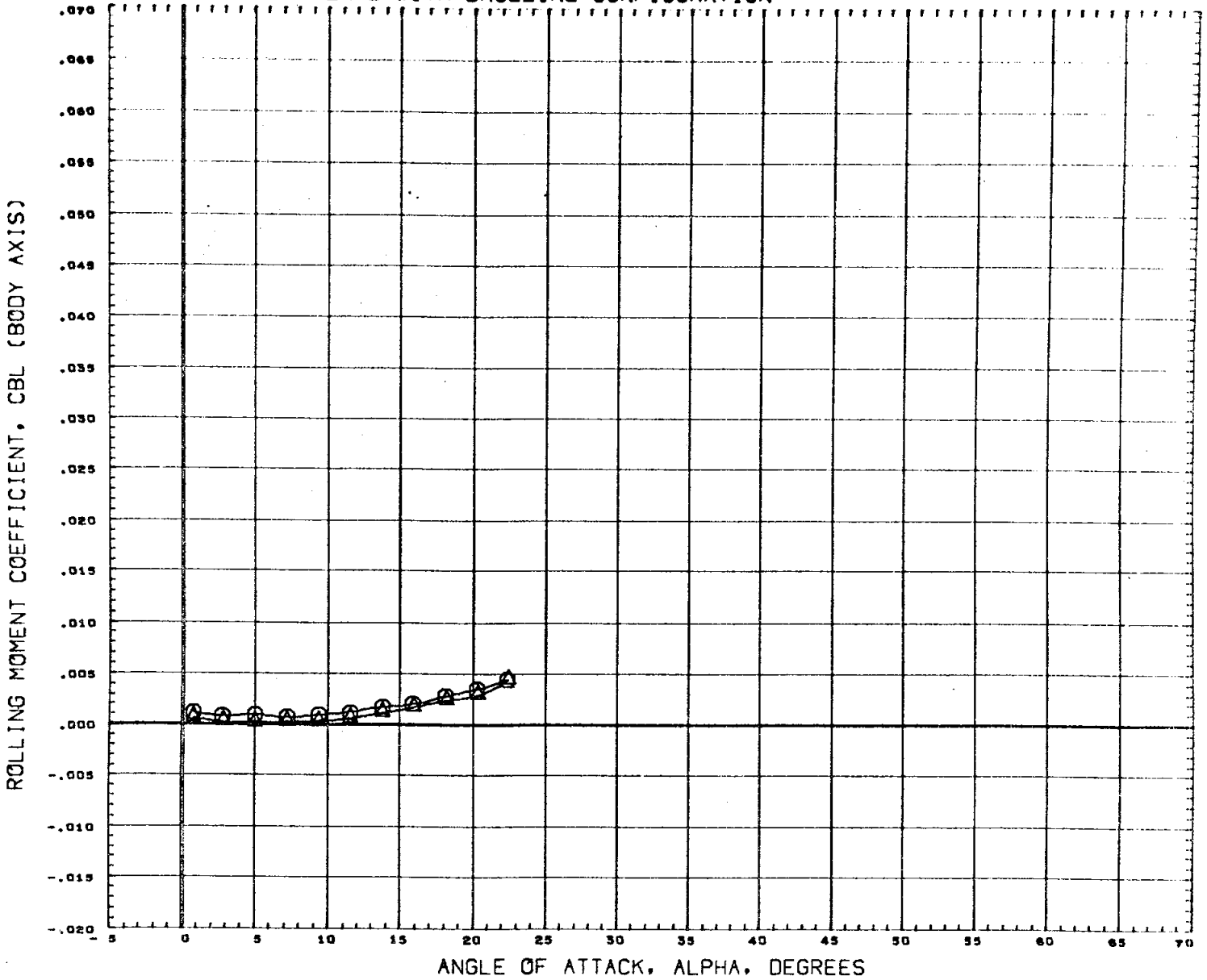


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(A76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76523)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
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					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 1.20

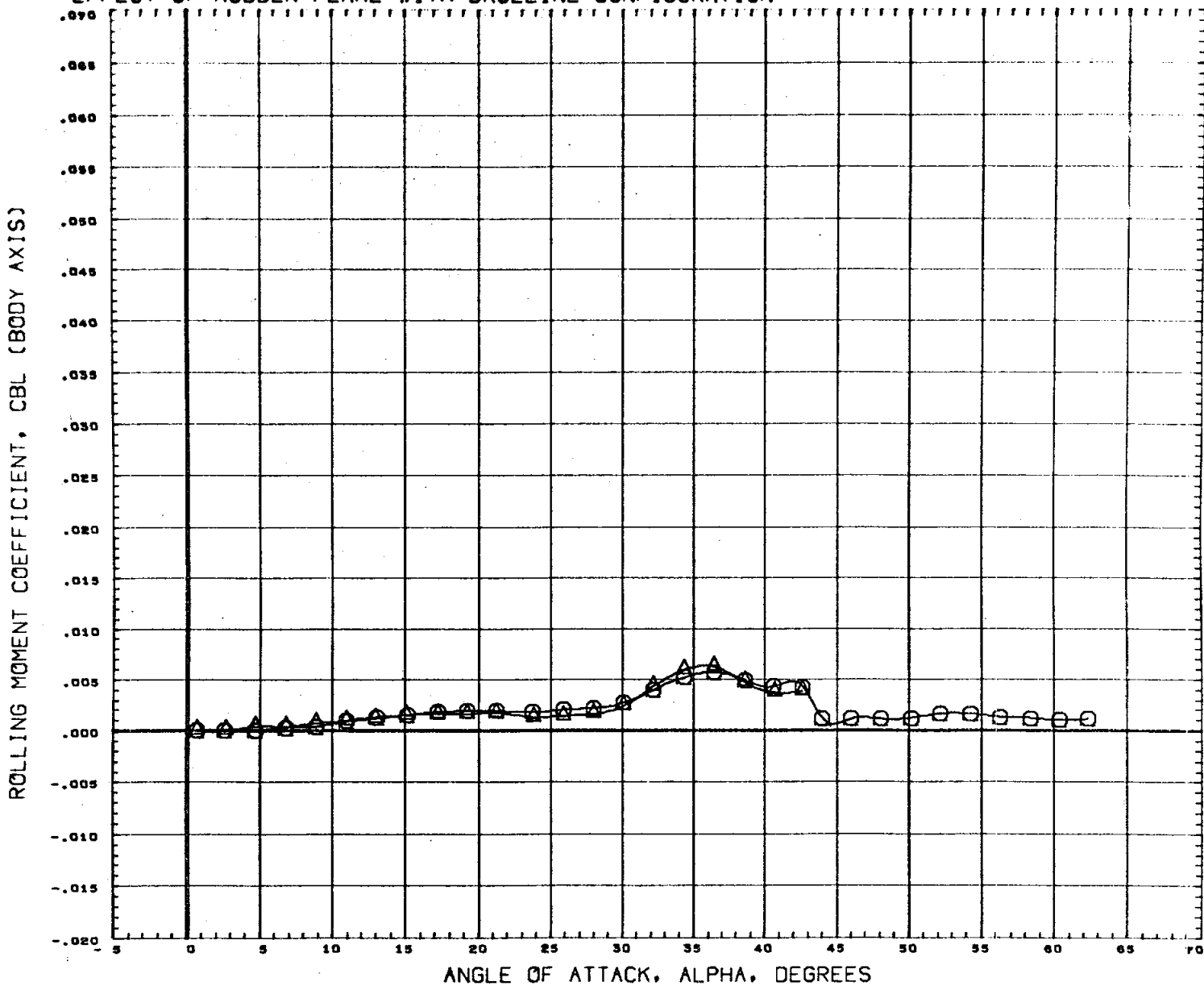
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUOFLR	REFERENCE INFORMATION
(A76305)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76323)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
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					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

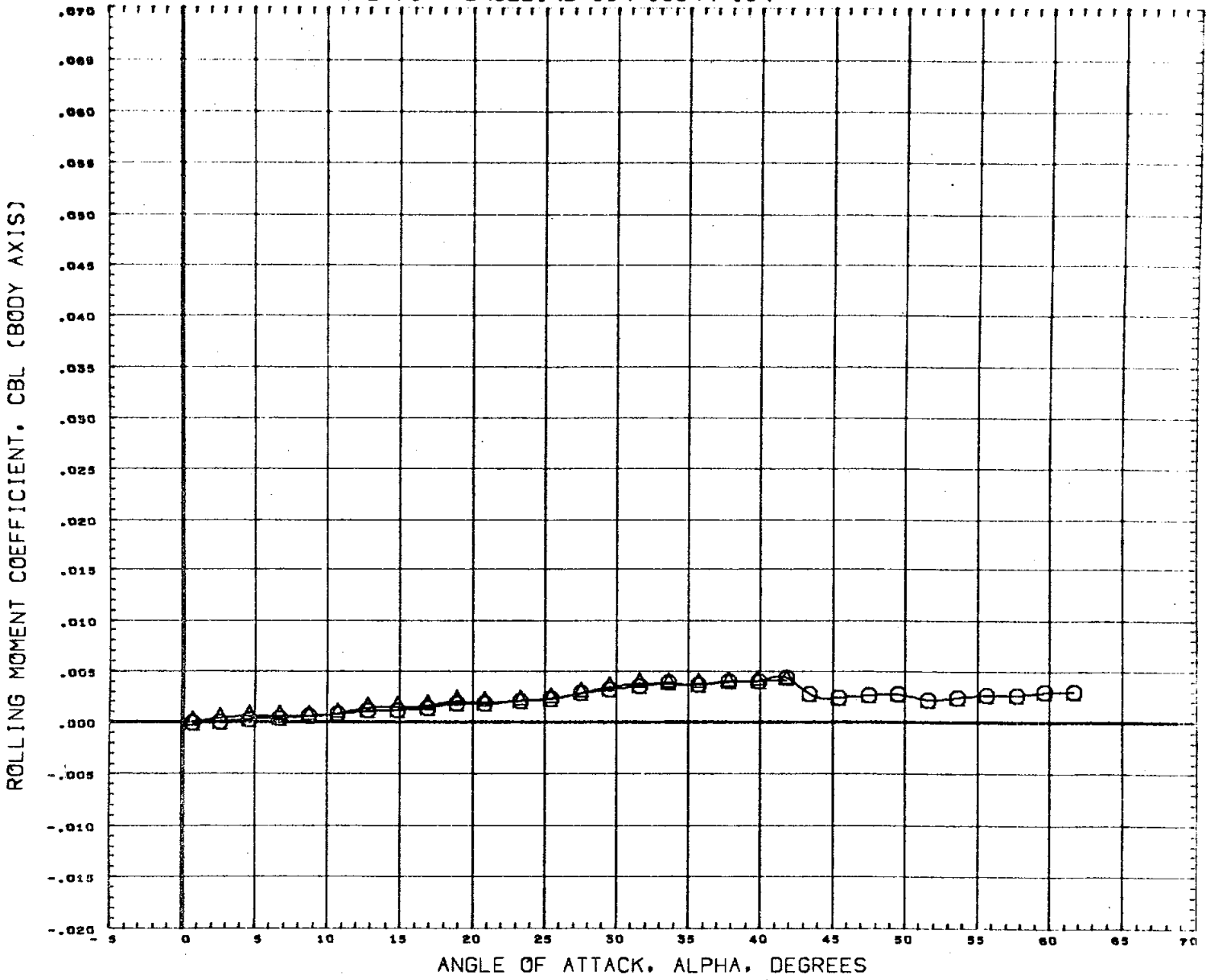


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76S2S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF	2.1020 IN.
					BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

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# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

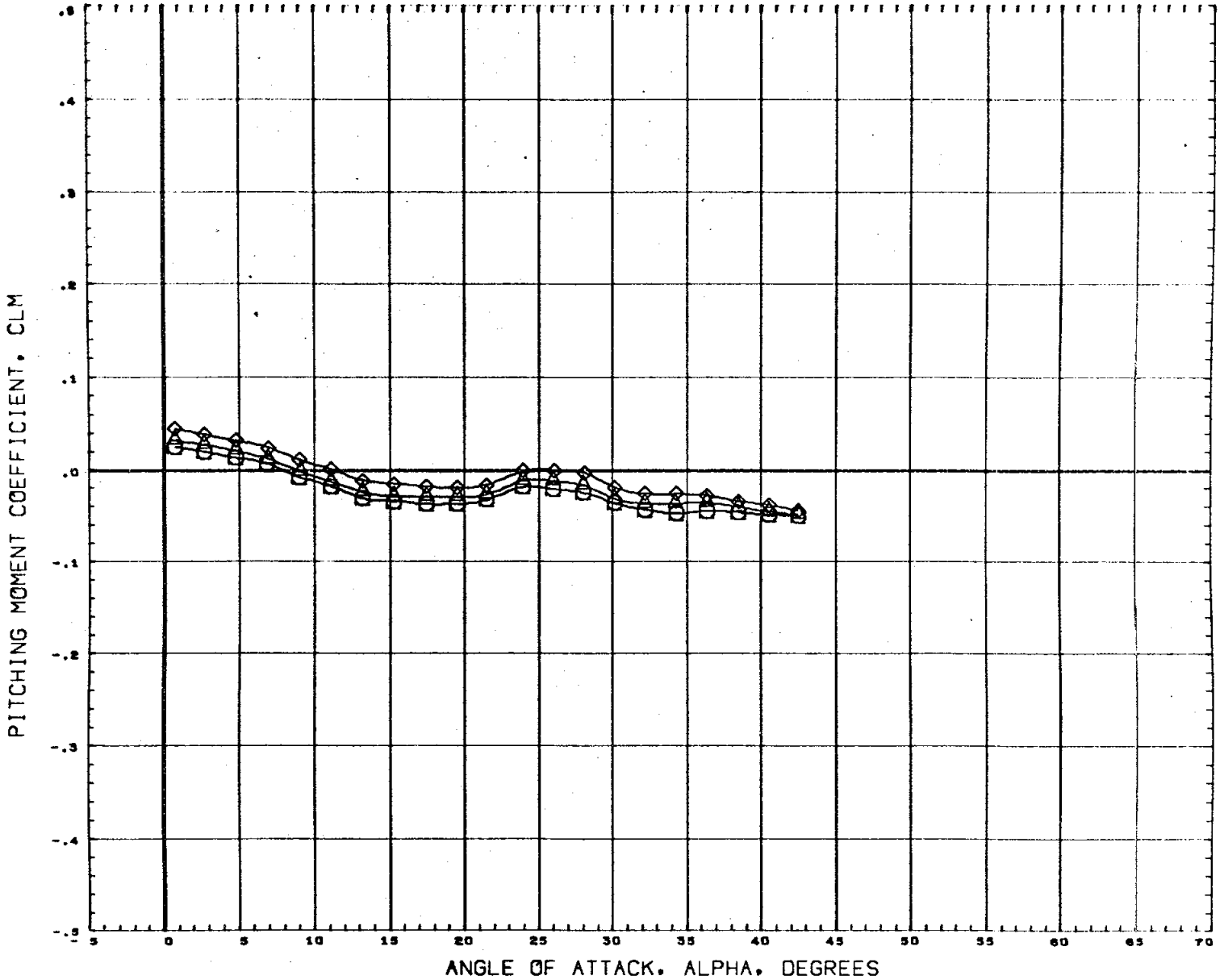


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A7652S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	40.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4930 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

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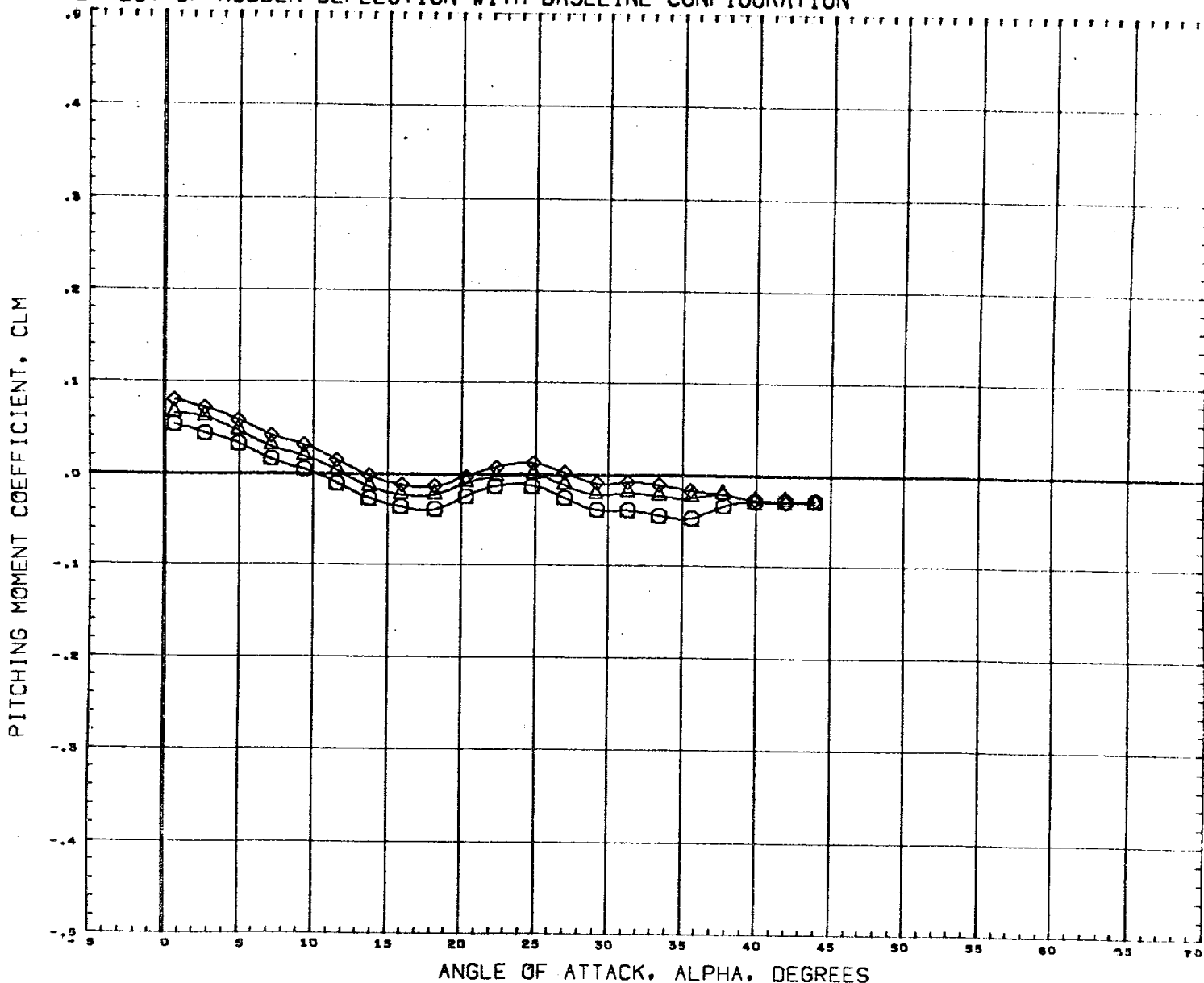
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

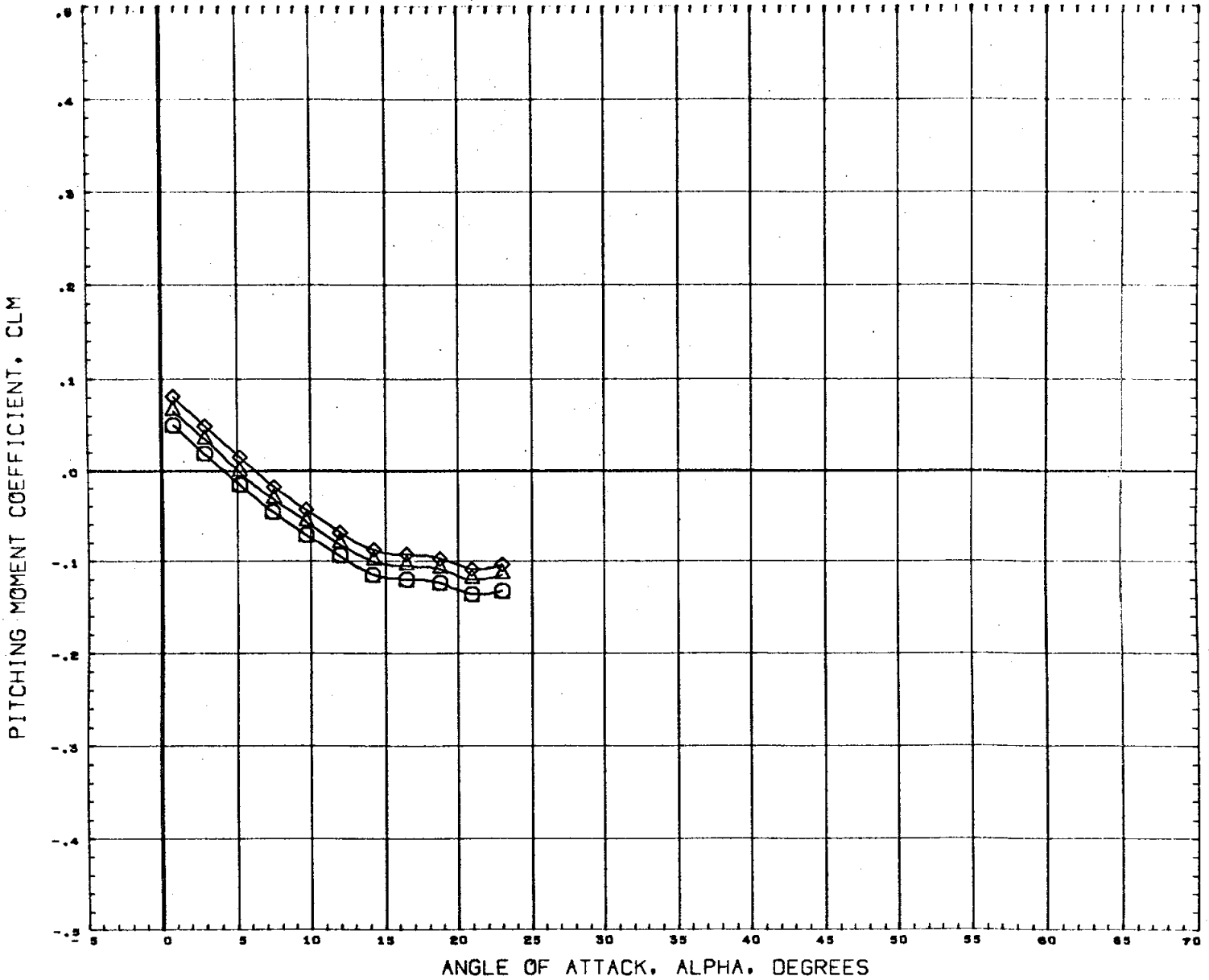


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .90

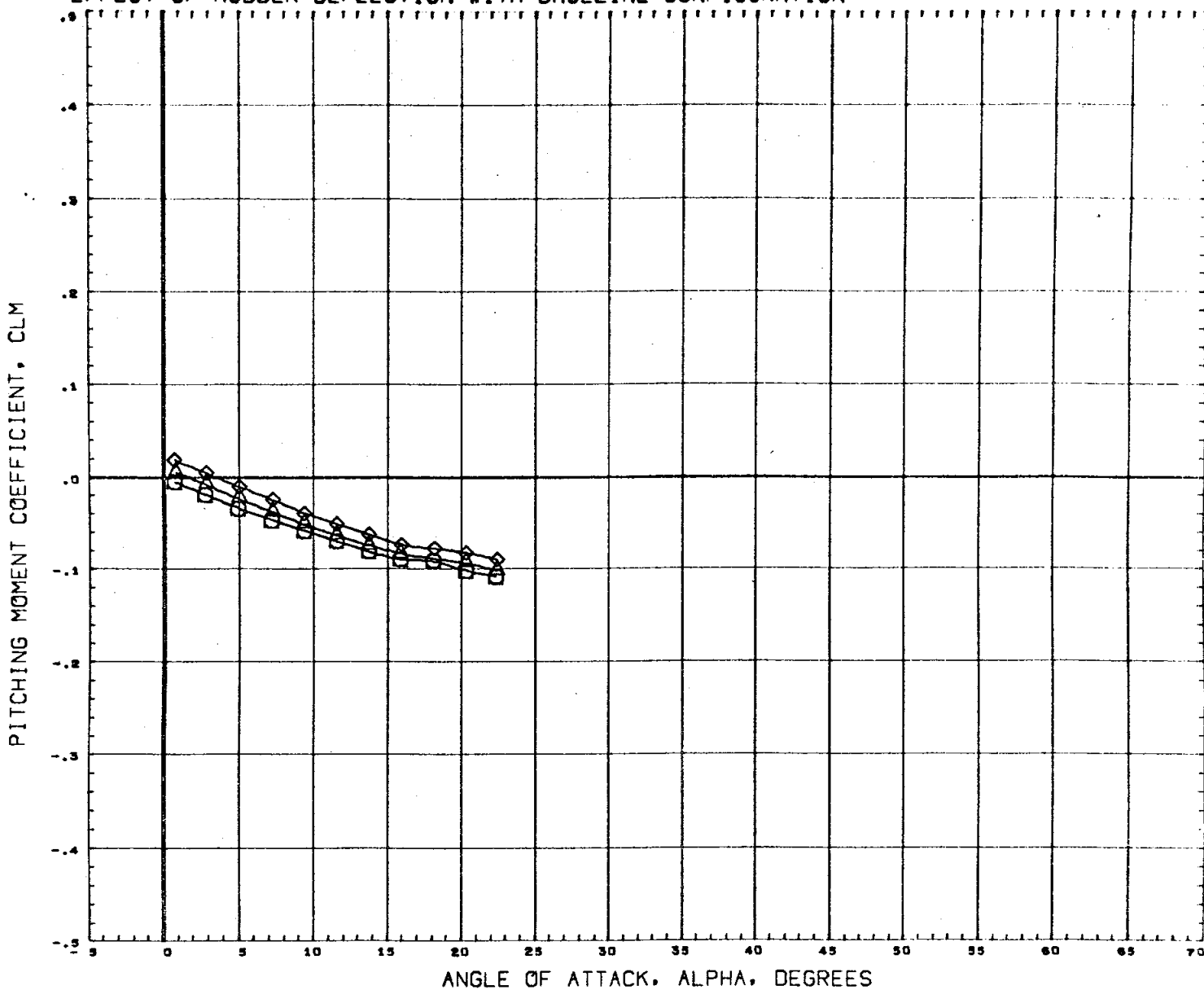
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ.IN.
(C76329)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



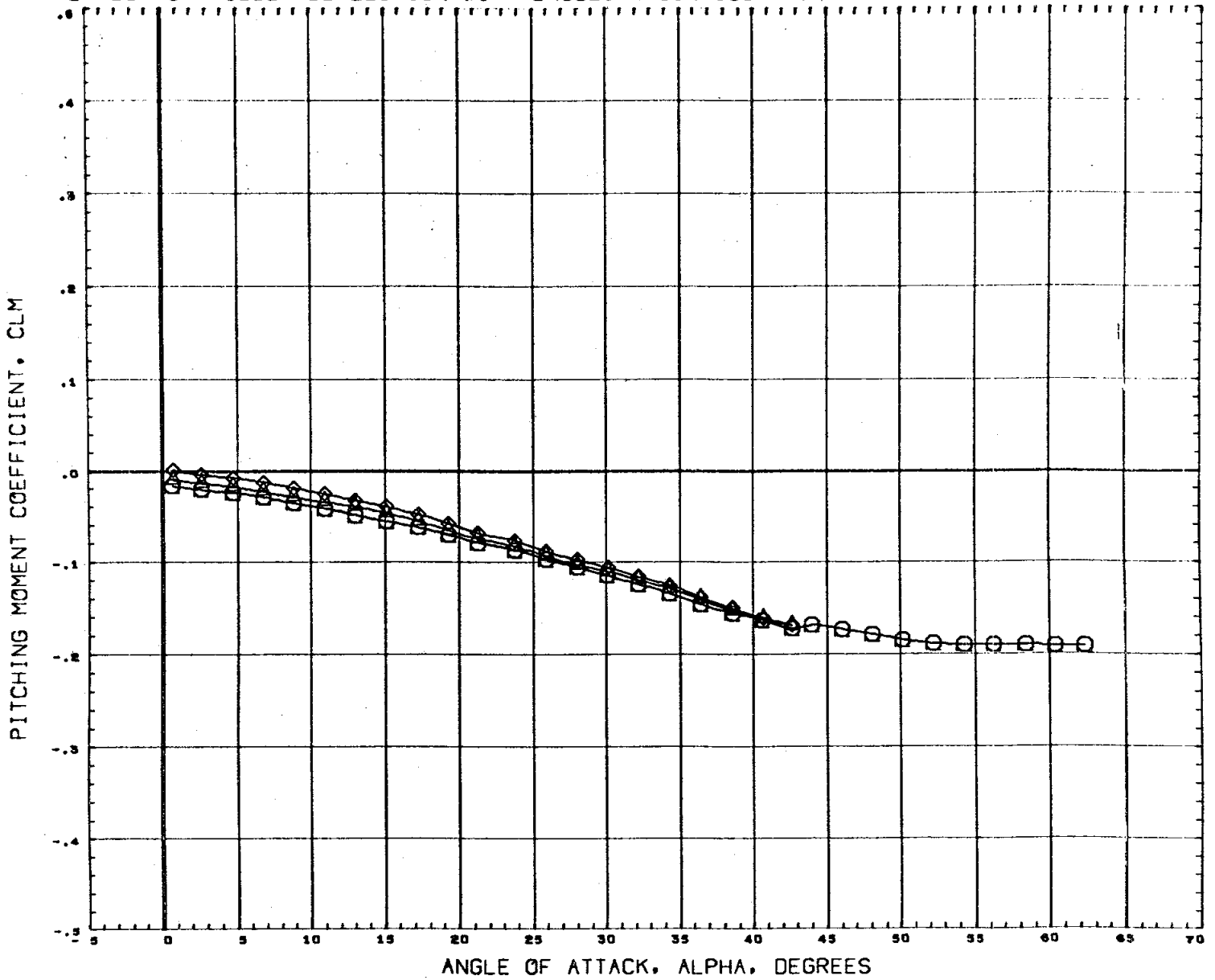
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

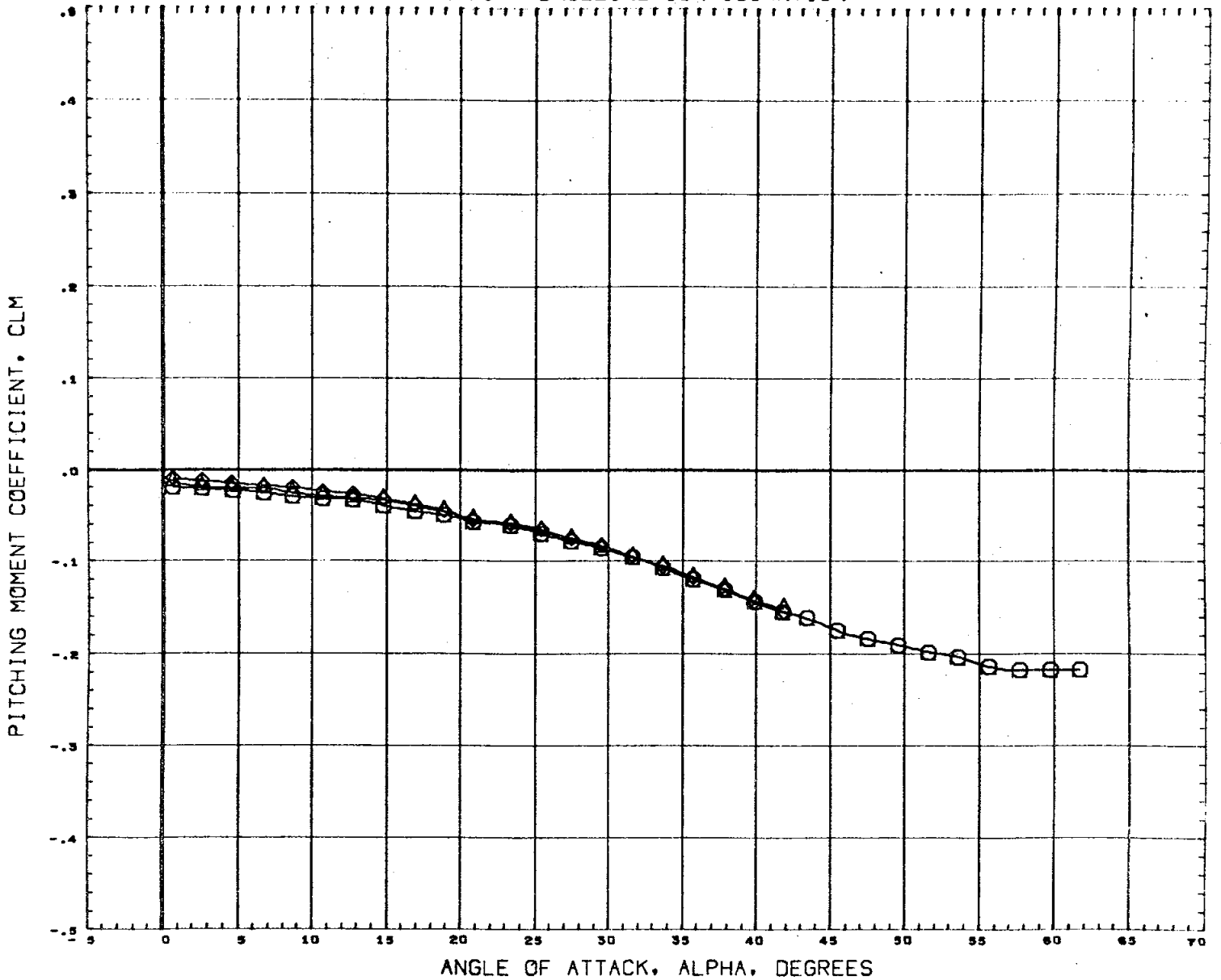


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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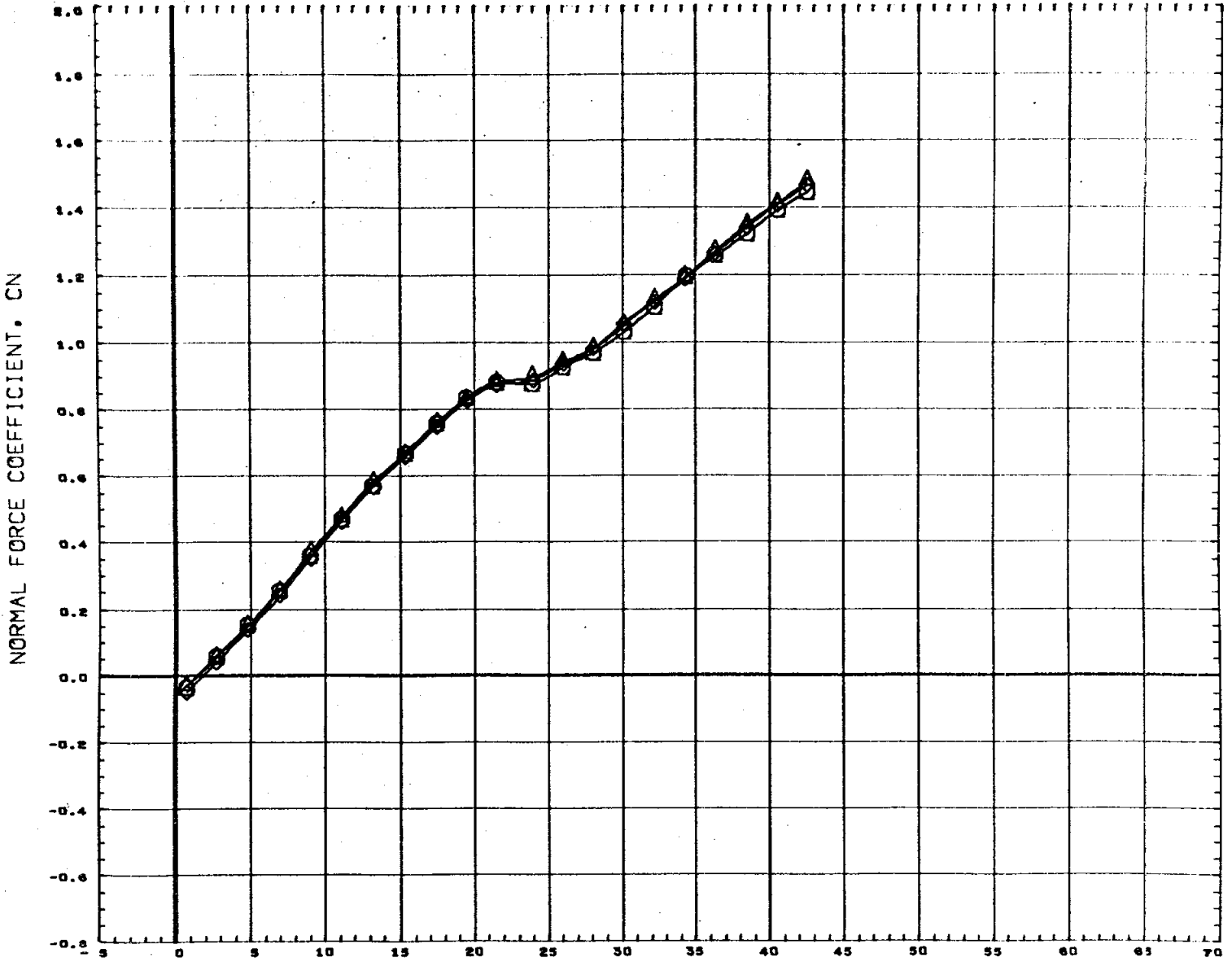
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDDL	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

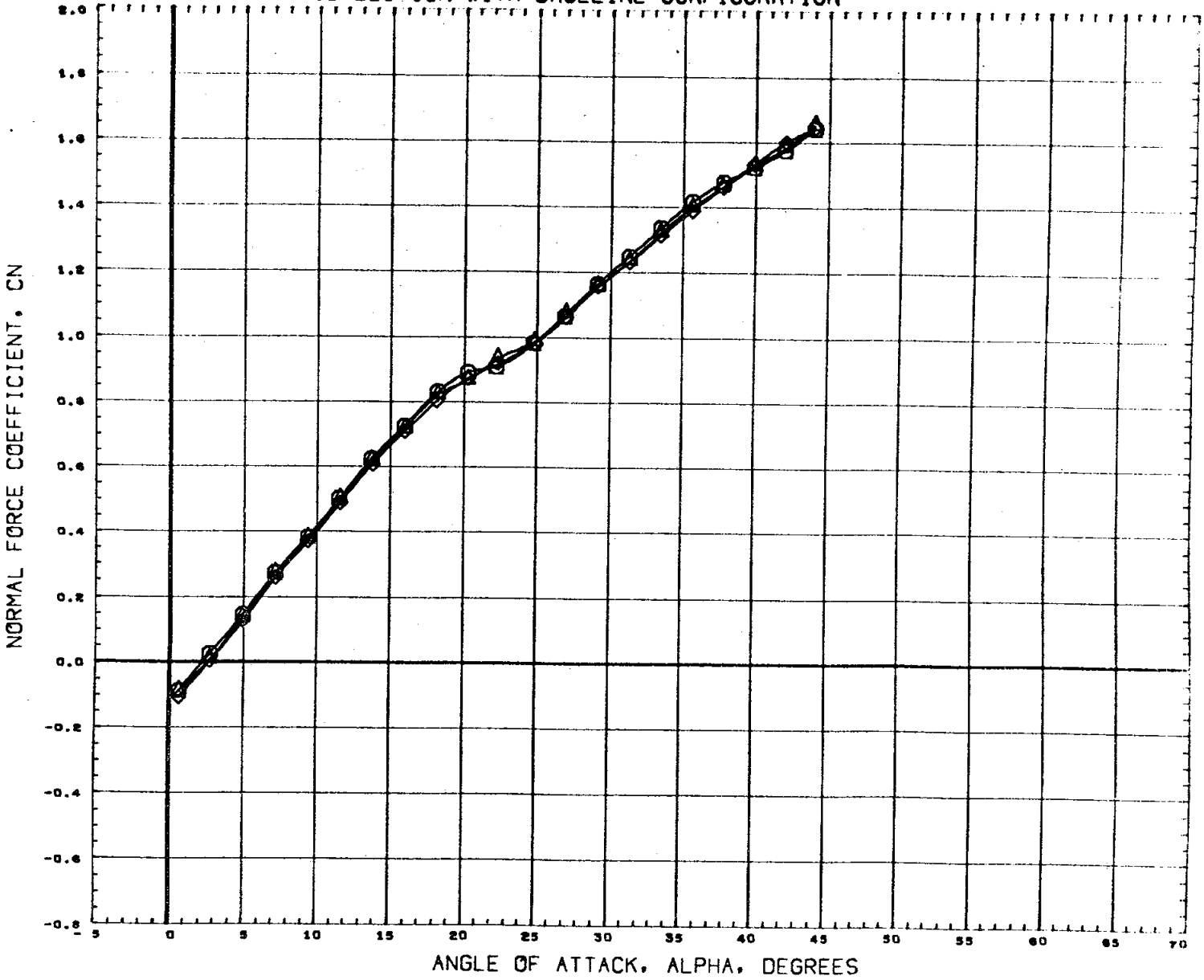


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76505)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76526)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0500 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

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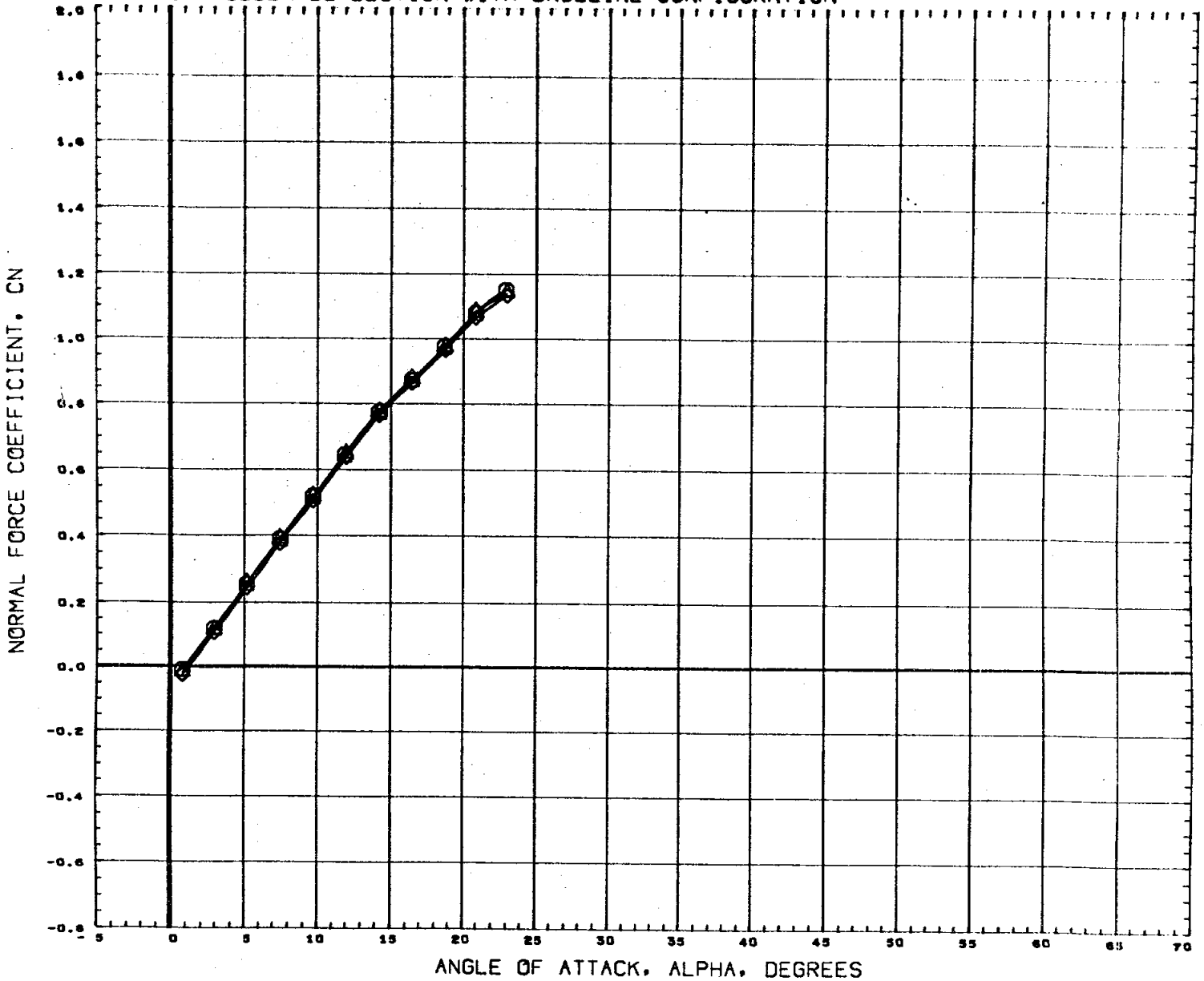
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C7632B)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C7633Z)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

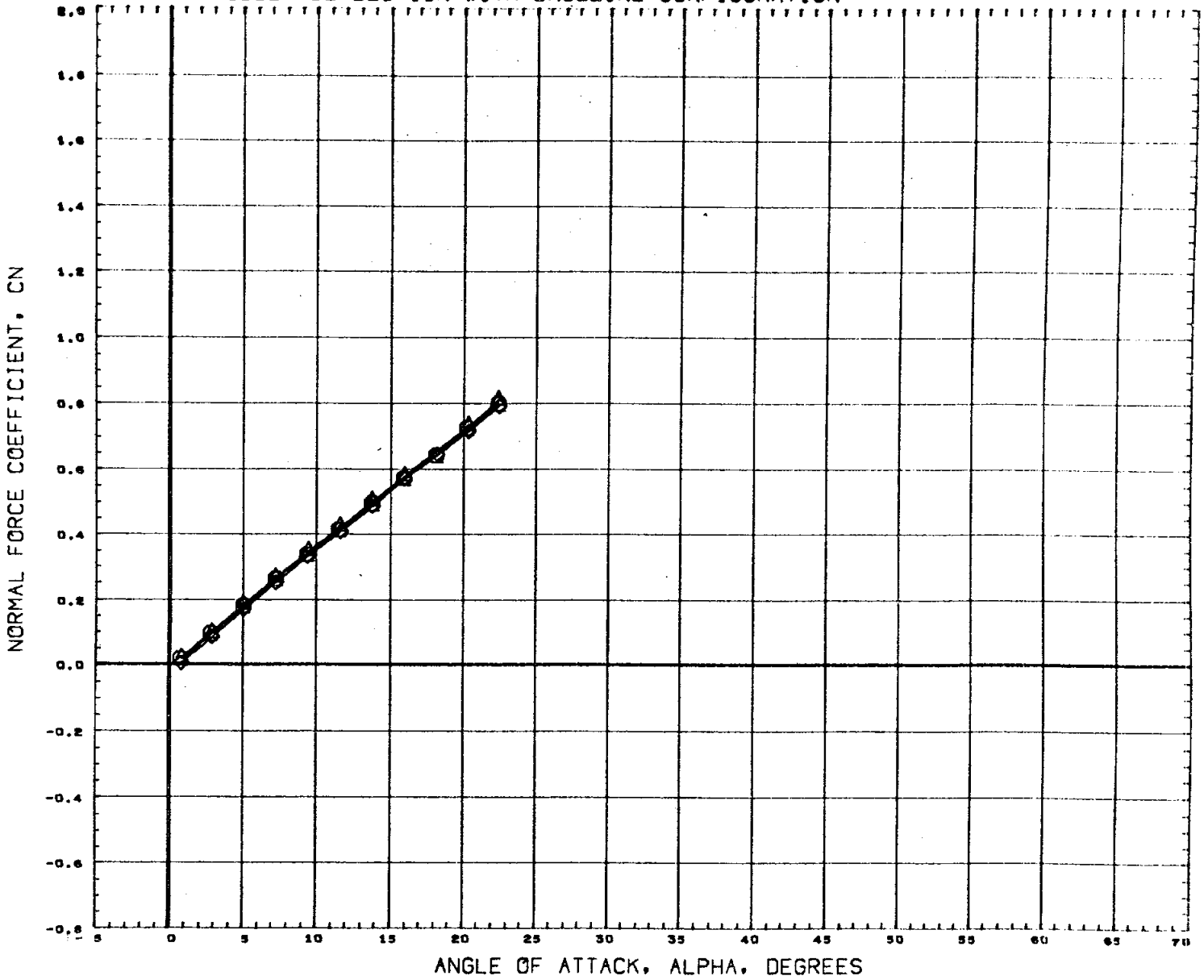
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

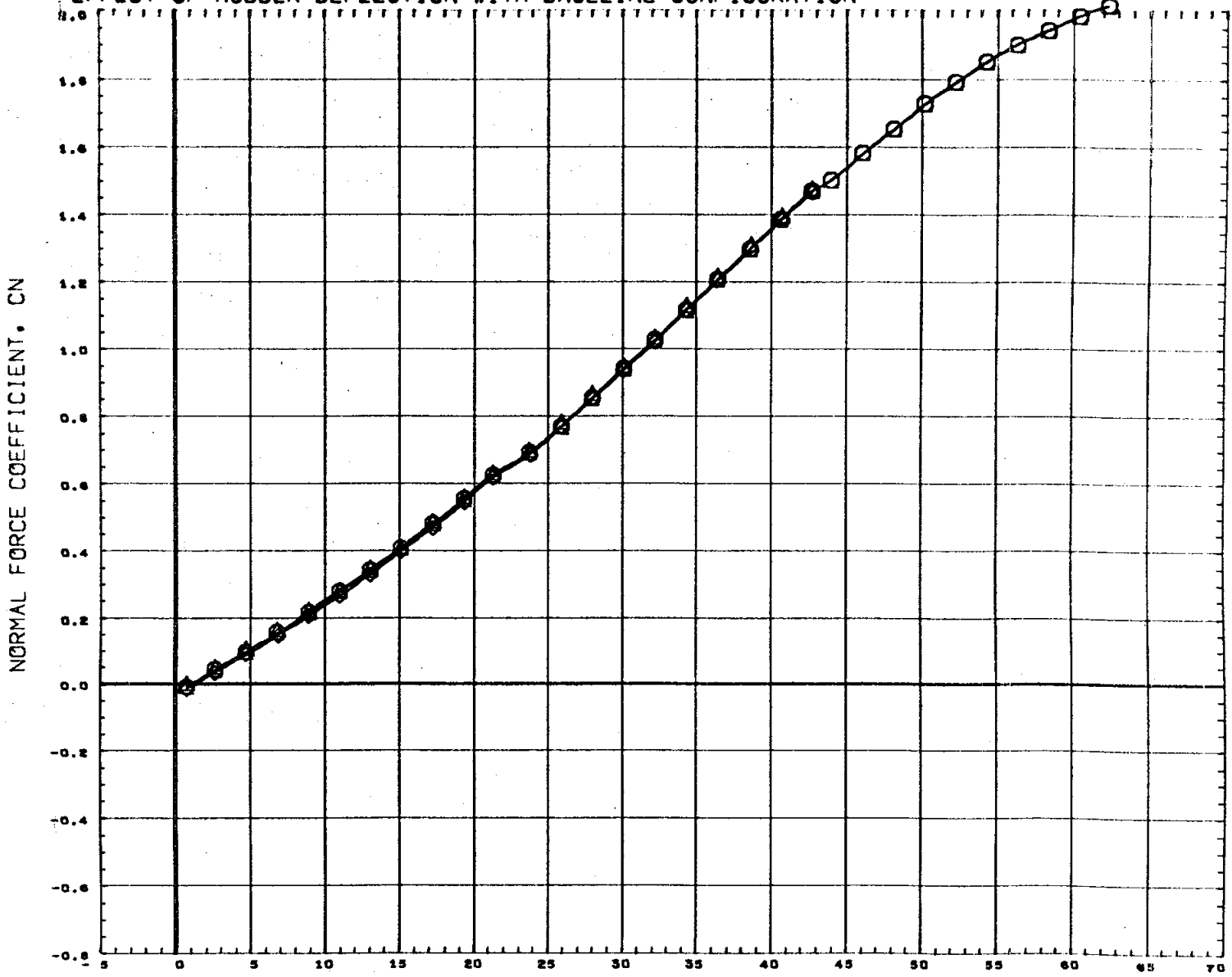


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76526)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	SREF 4.0300 IN.
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					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

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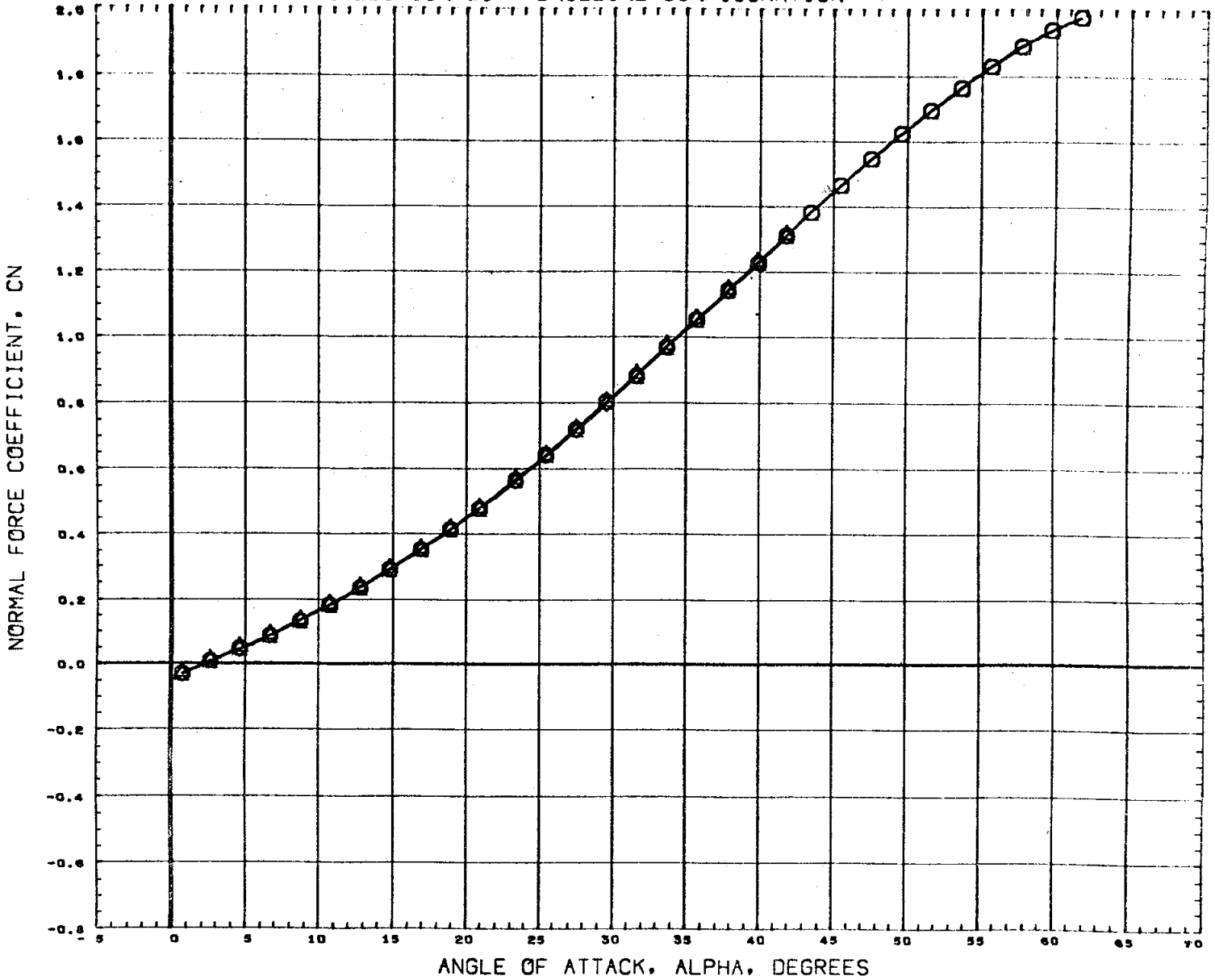
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 2.99

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



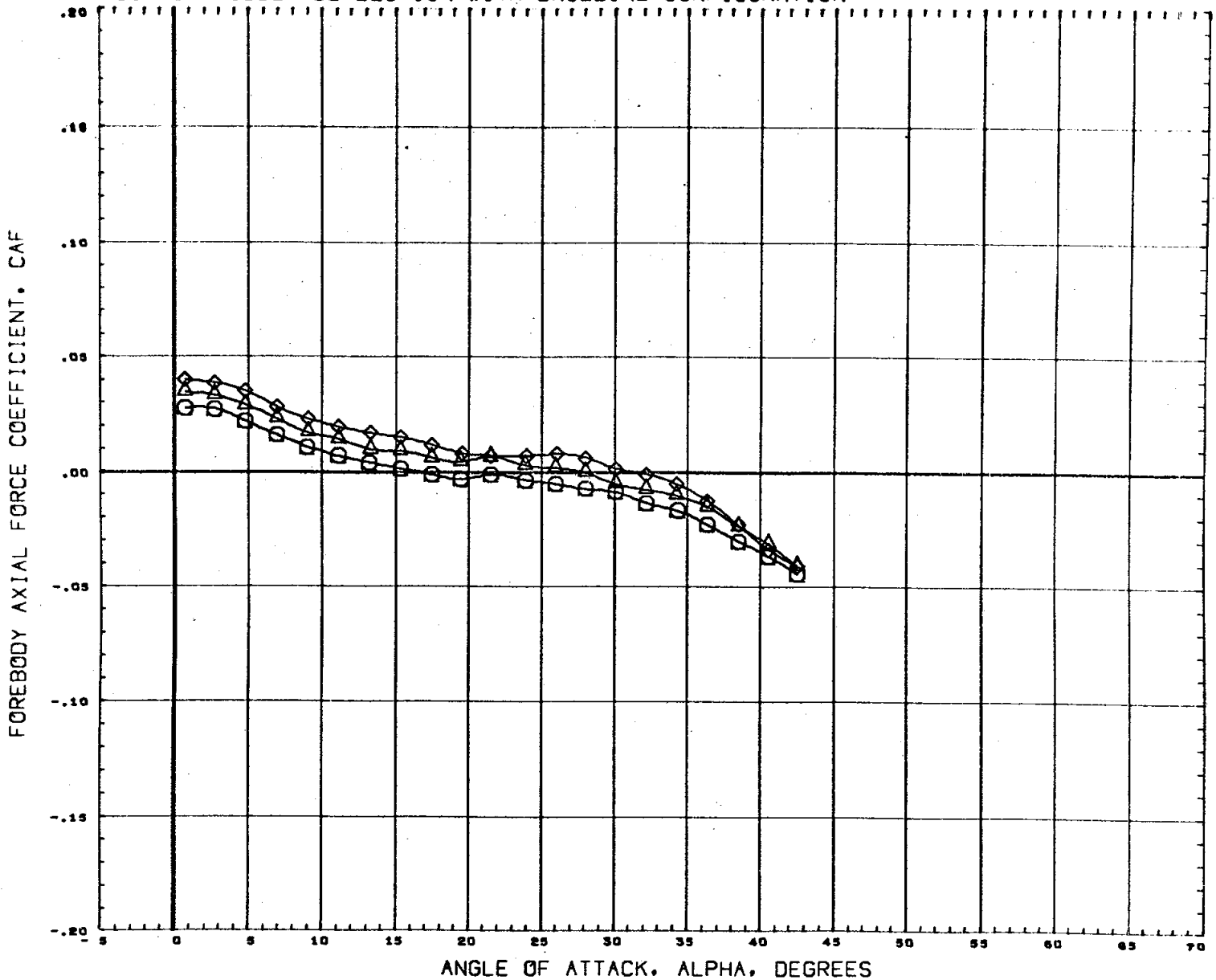
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

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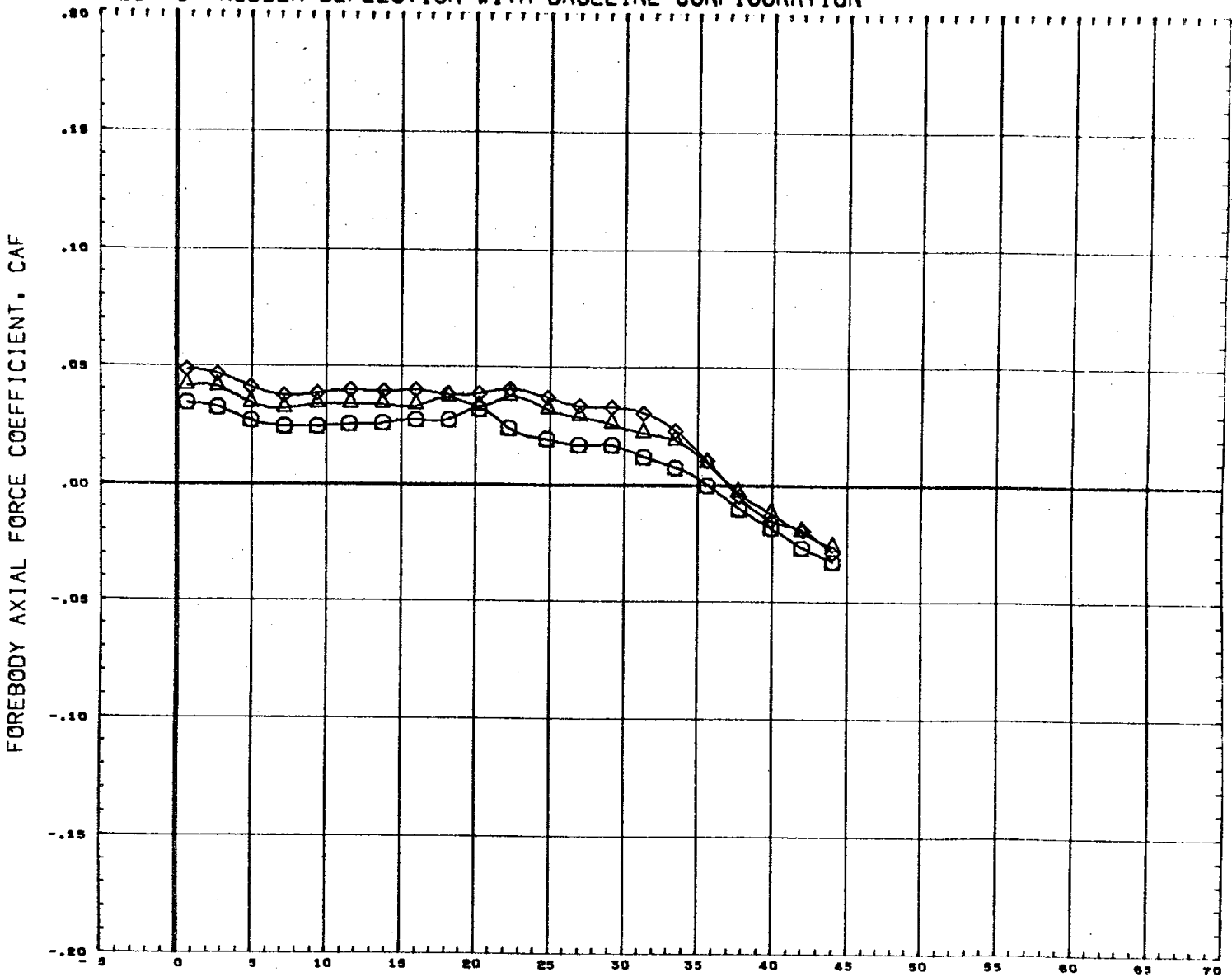
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

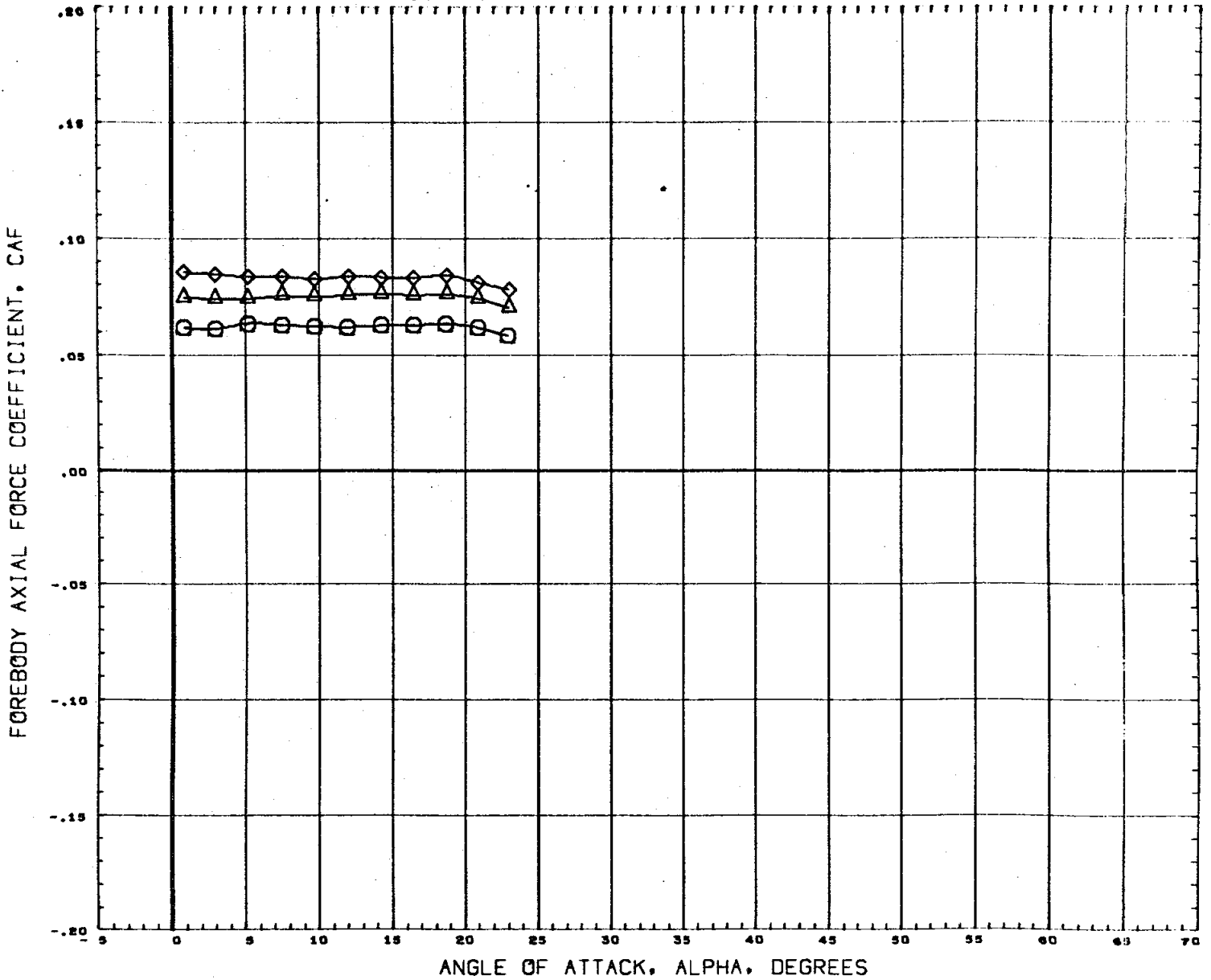


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRP	3.4530 IN.
YMRP	0.0000 IN.
ZMRP	0.0000 IN.
SCALE	0.0040

MACH .90

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

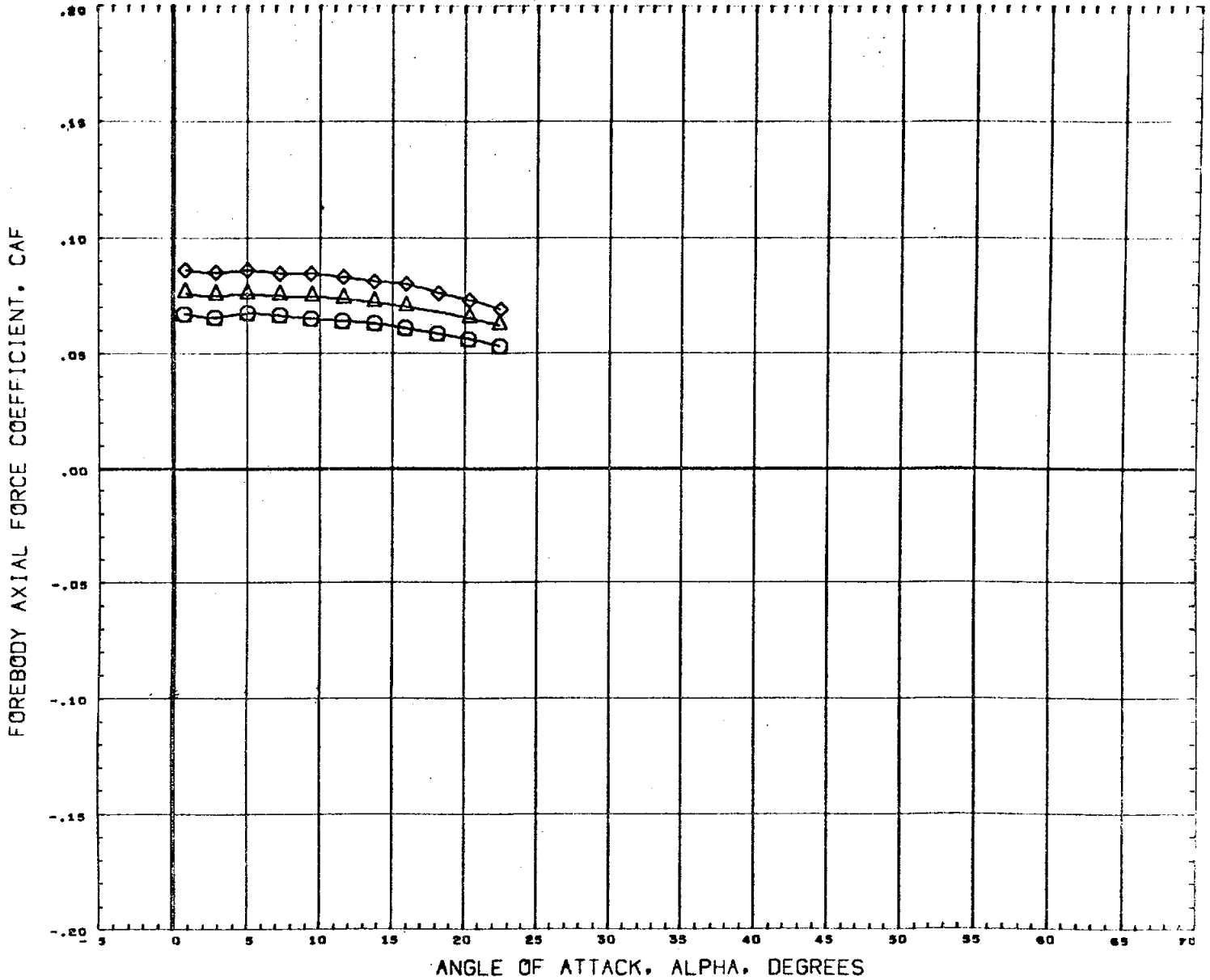


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4930 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

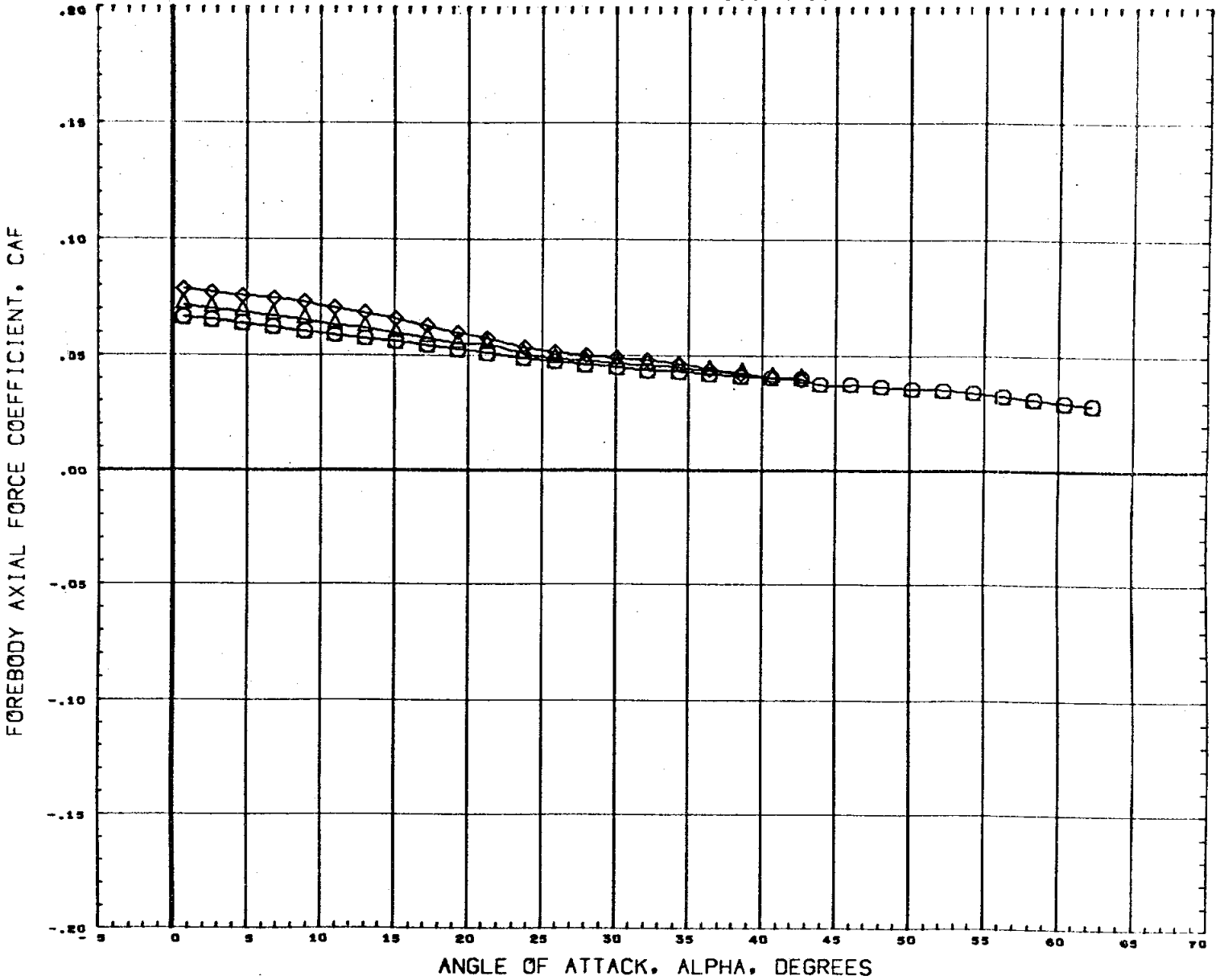


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

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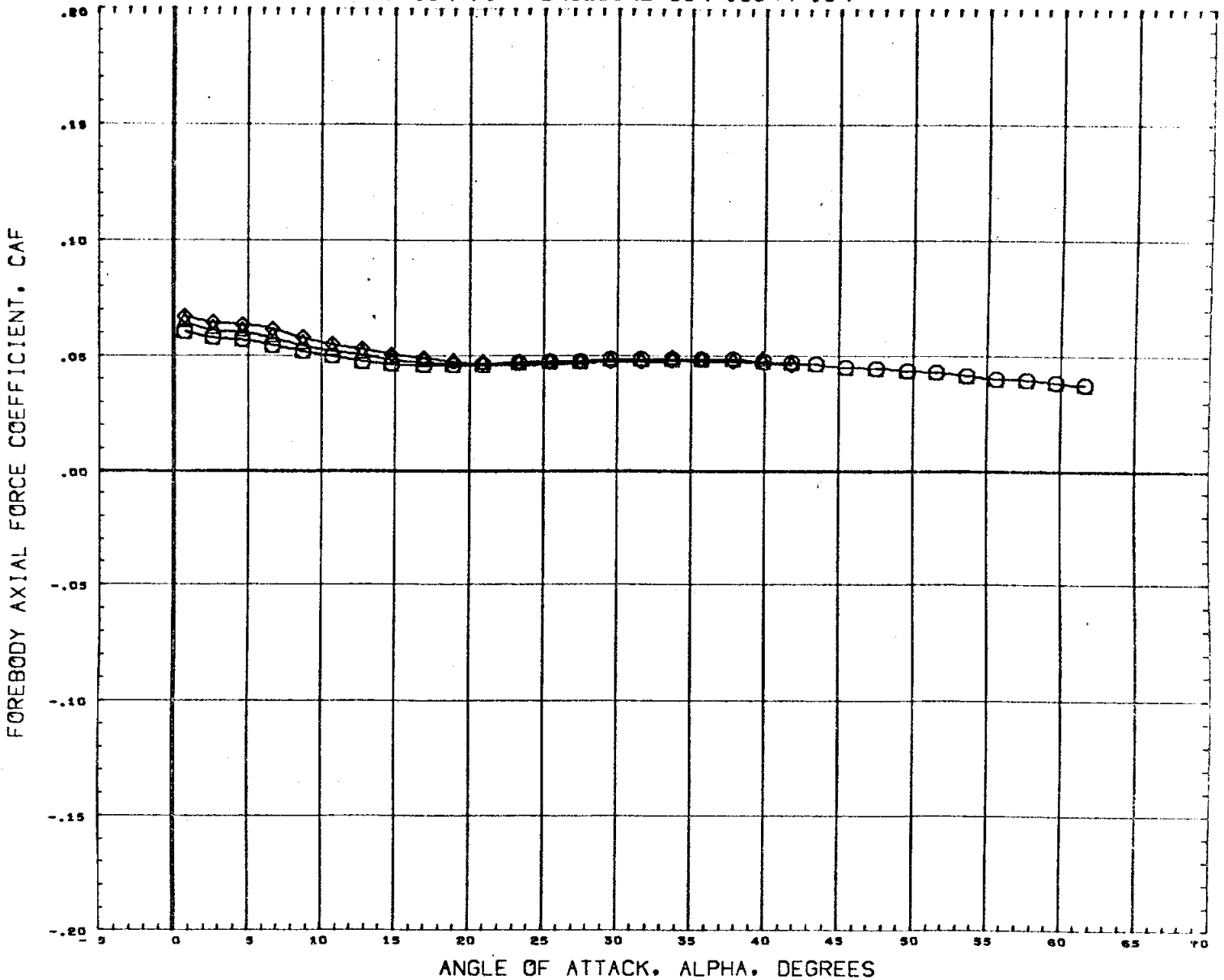
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

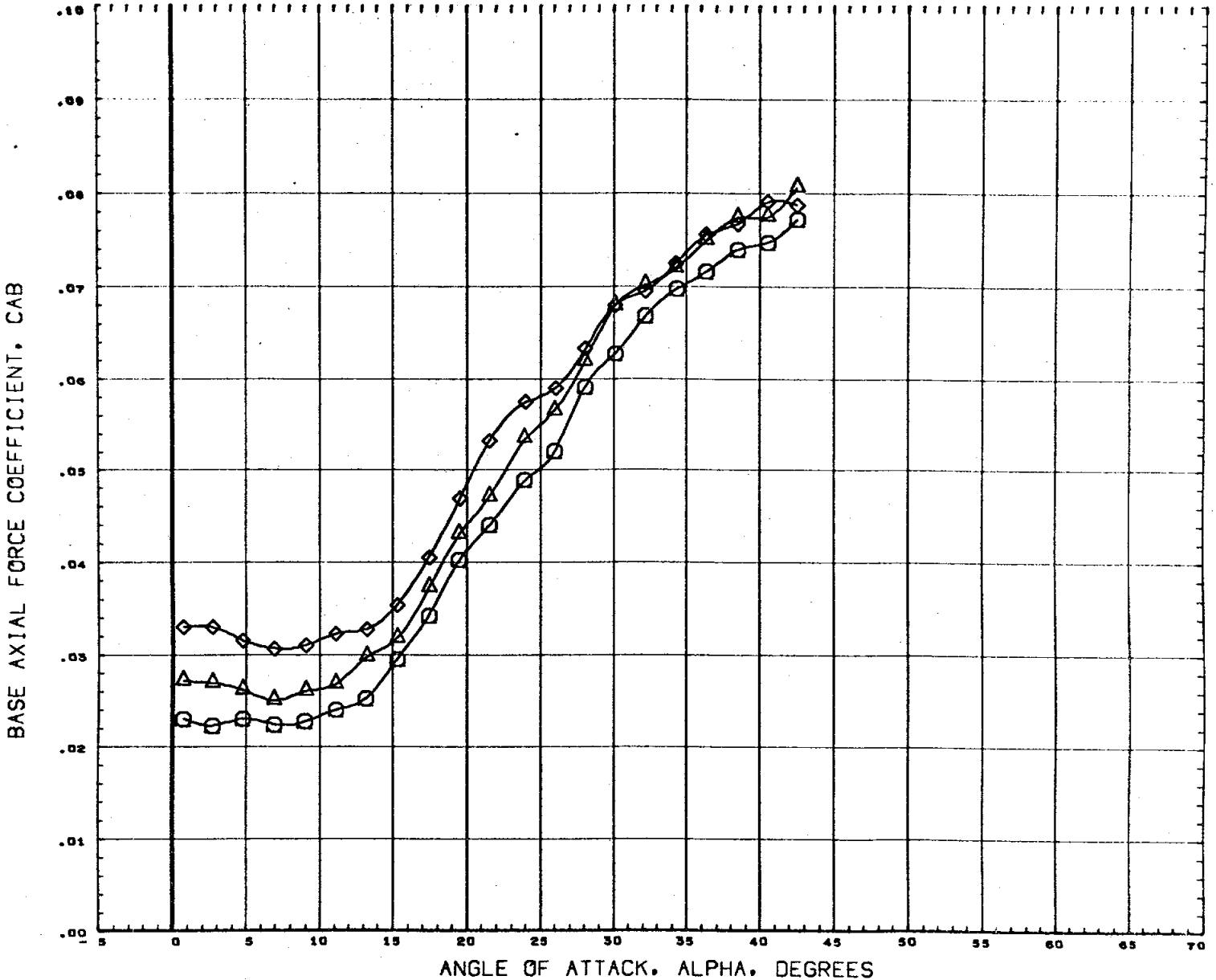
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 sq. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

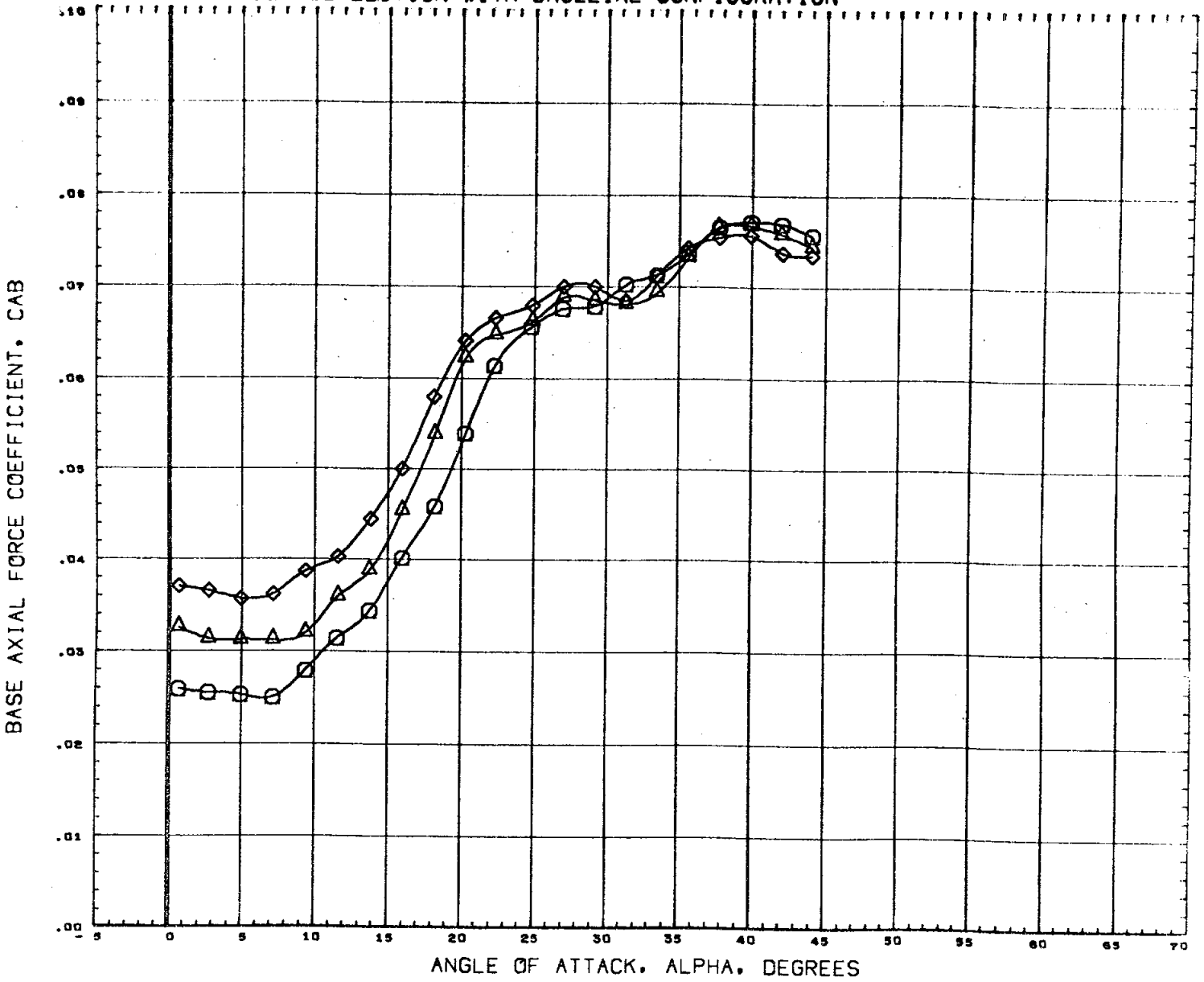
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
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					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



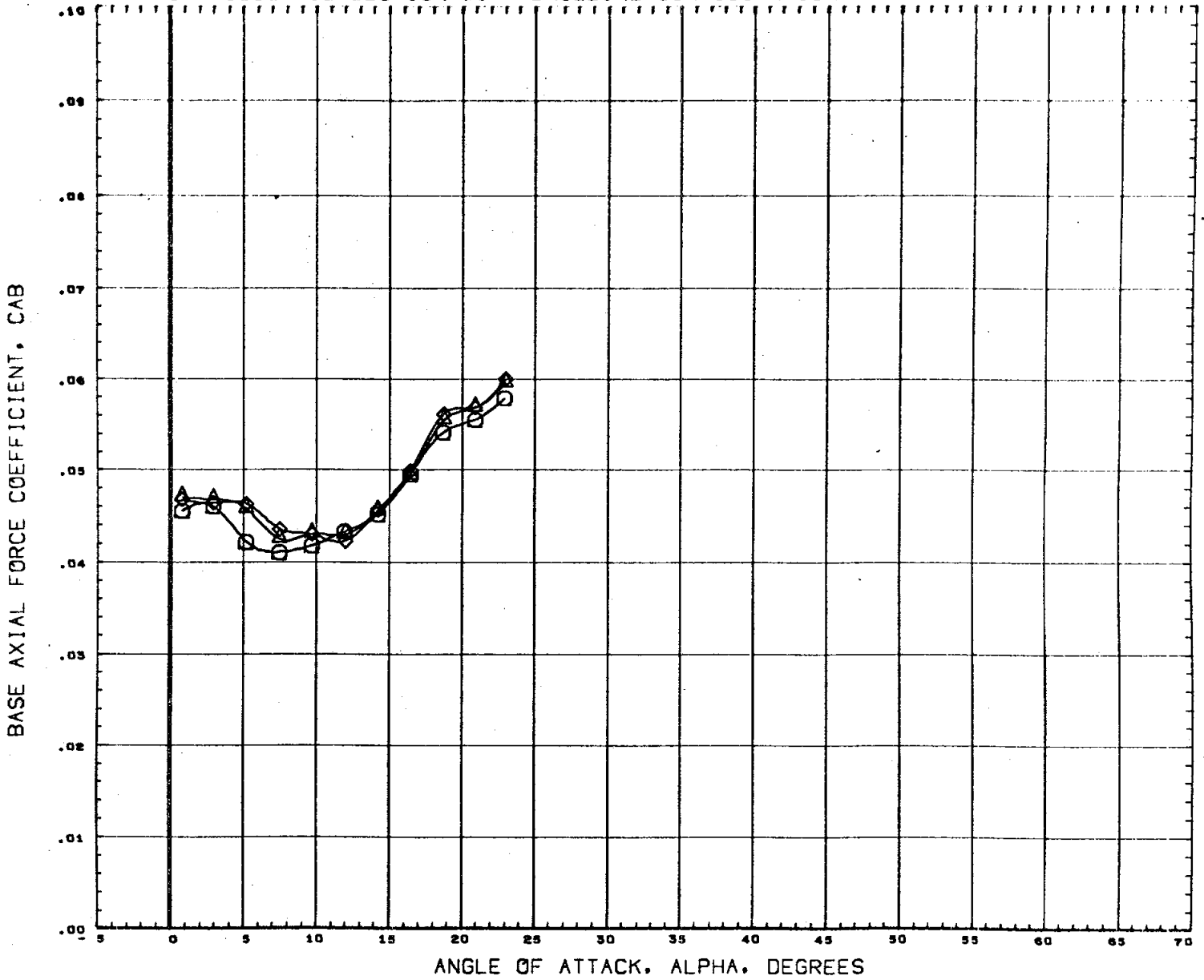
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .90



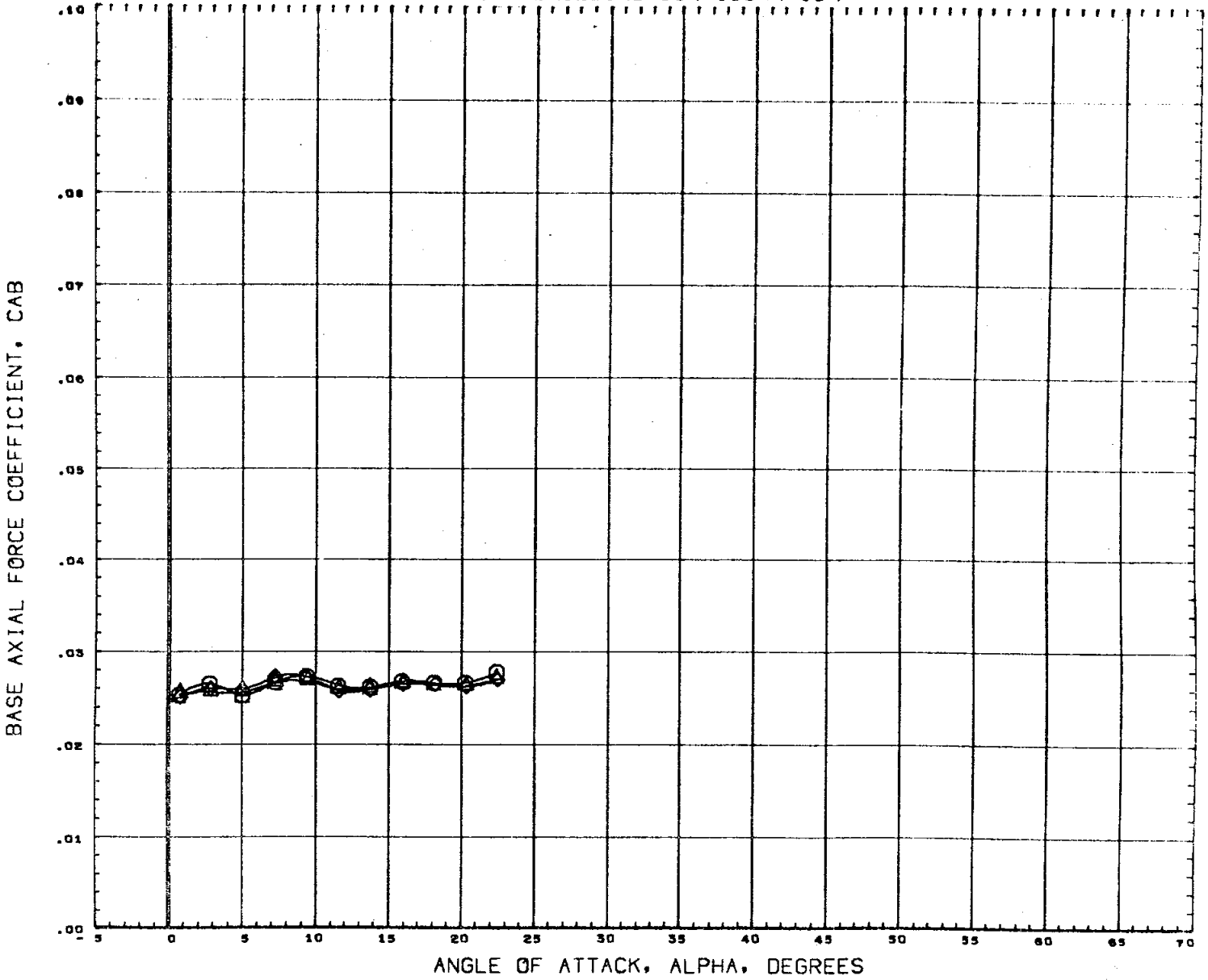
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7650S)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	SREF 4.0300 IN.
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					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

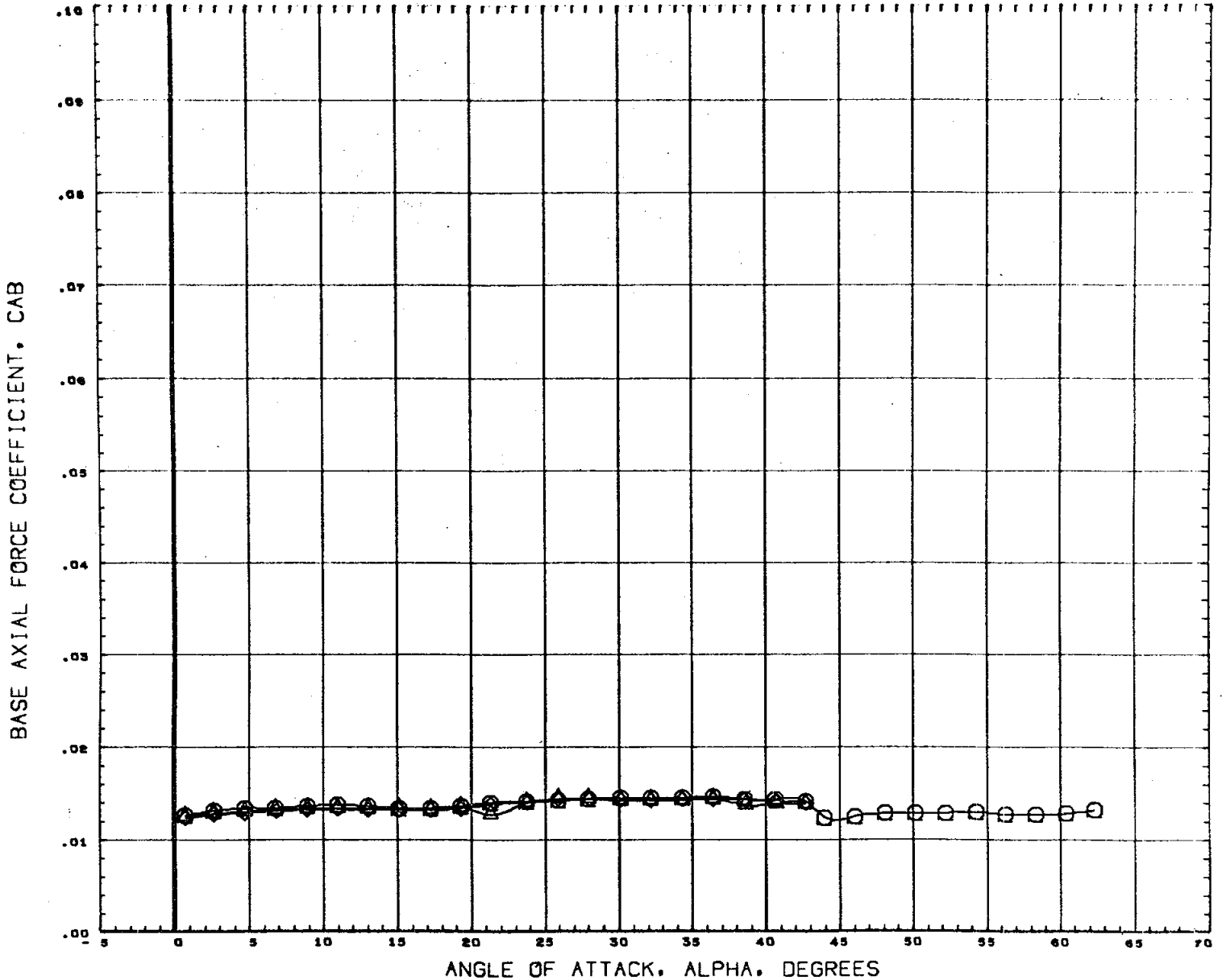
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

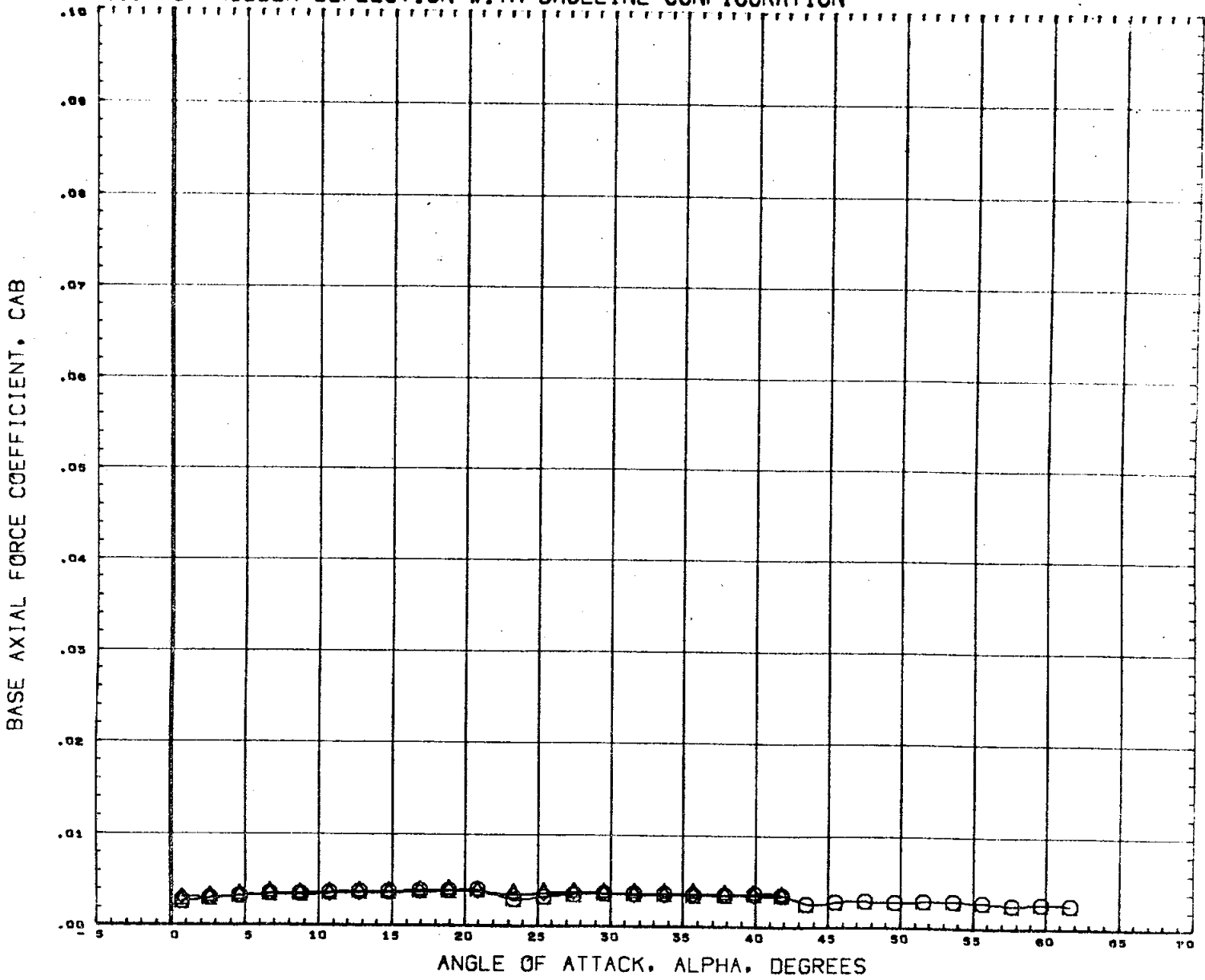
MACH 1.97

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

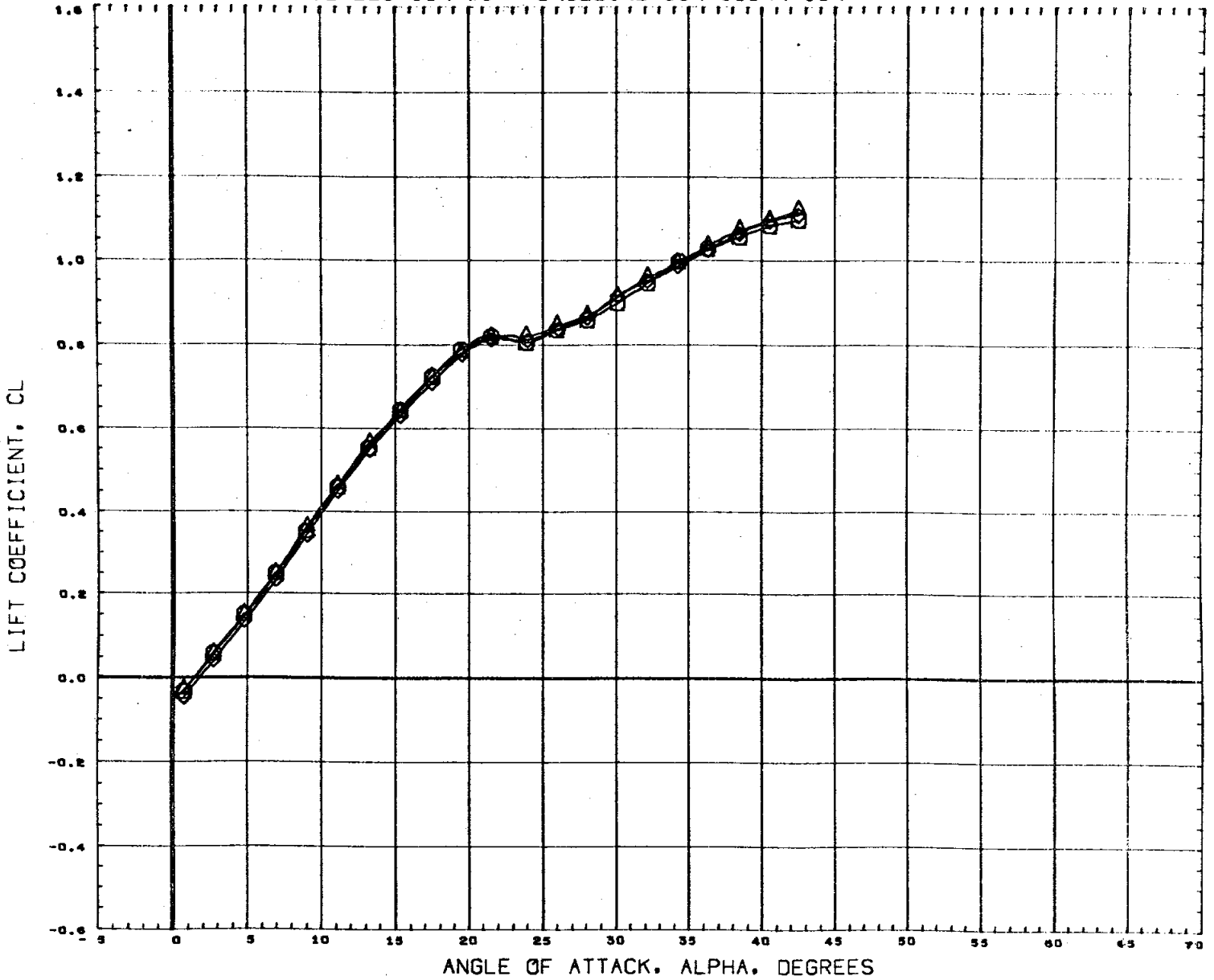
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76320)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

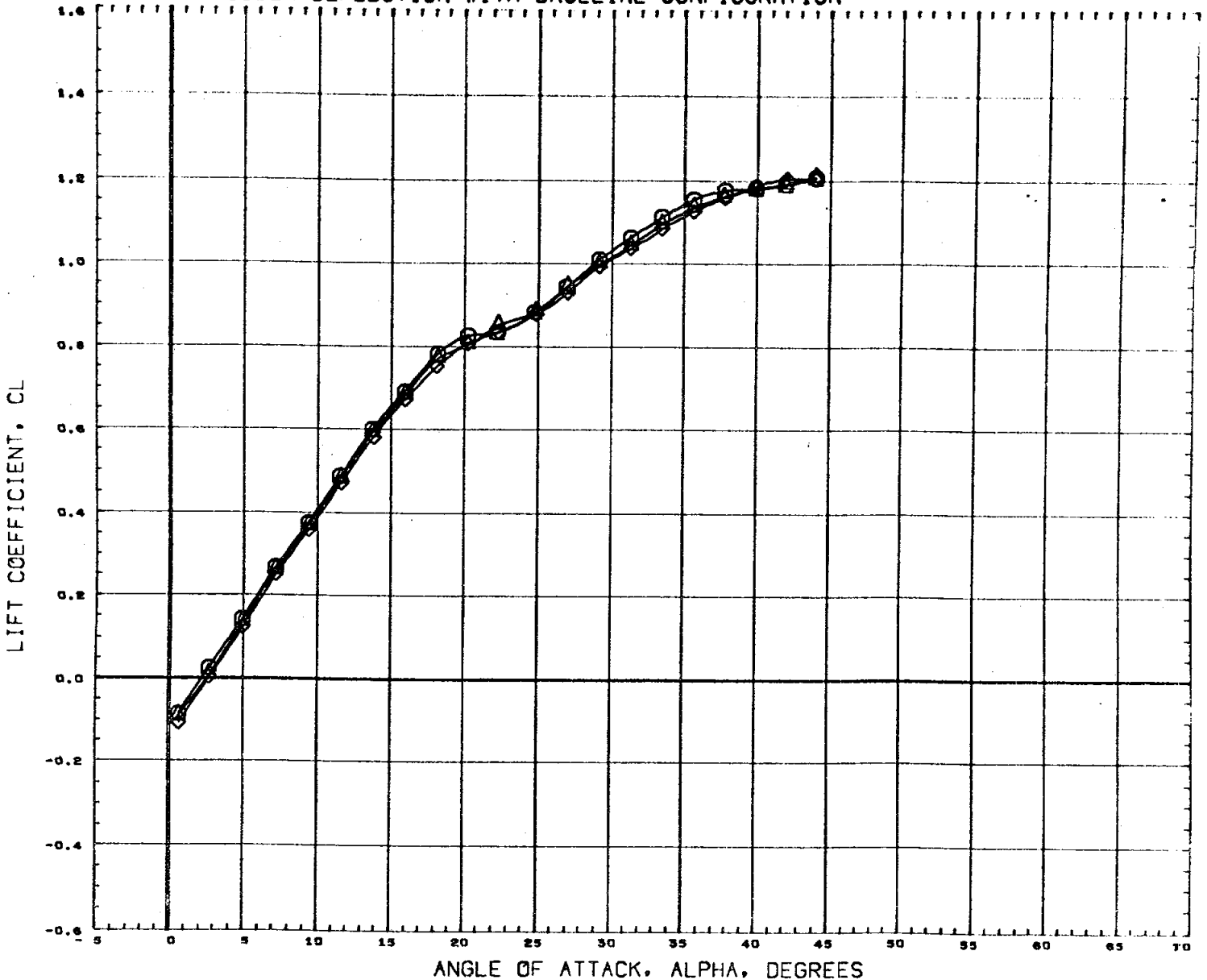
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

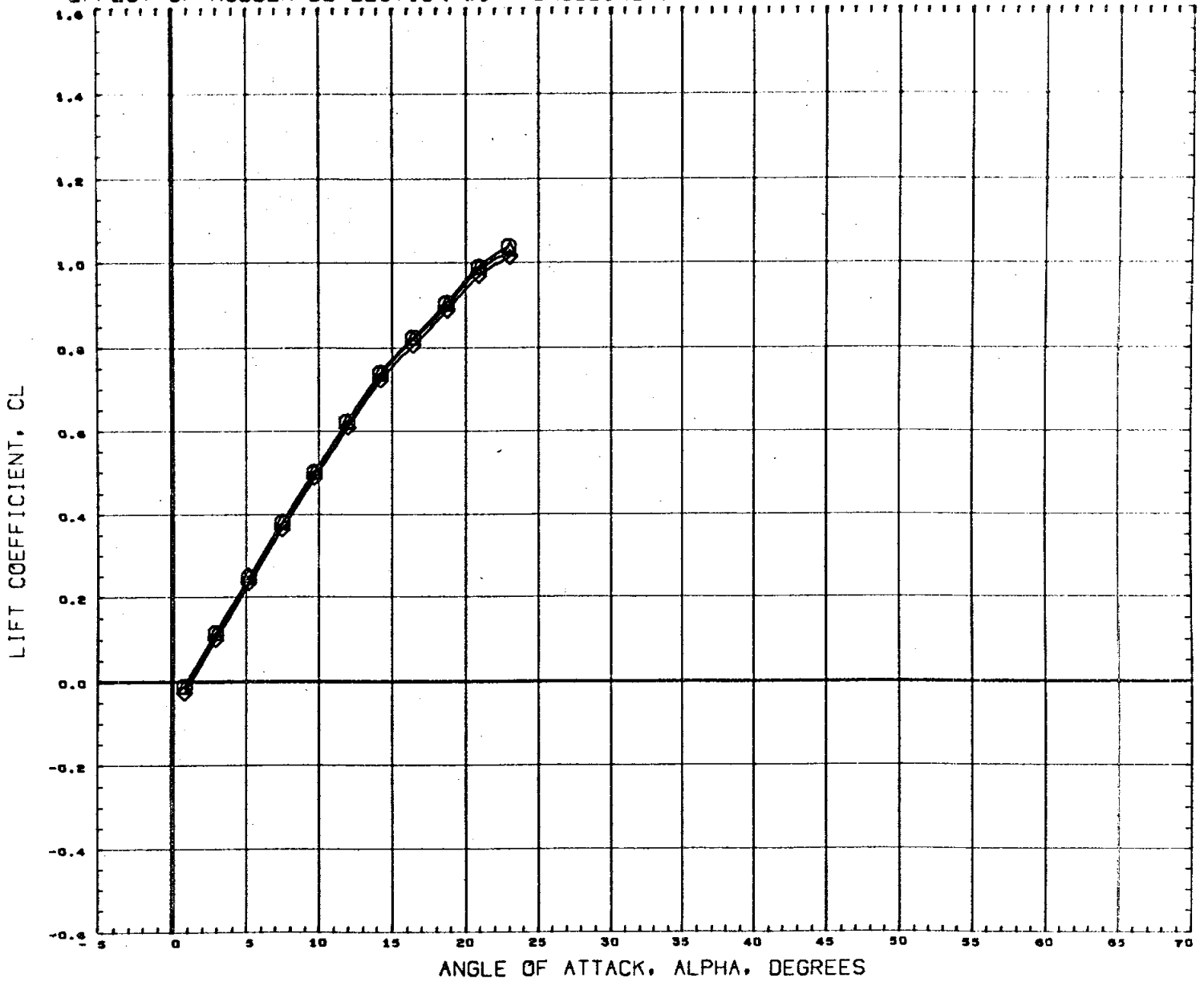
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

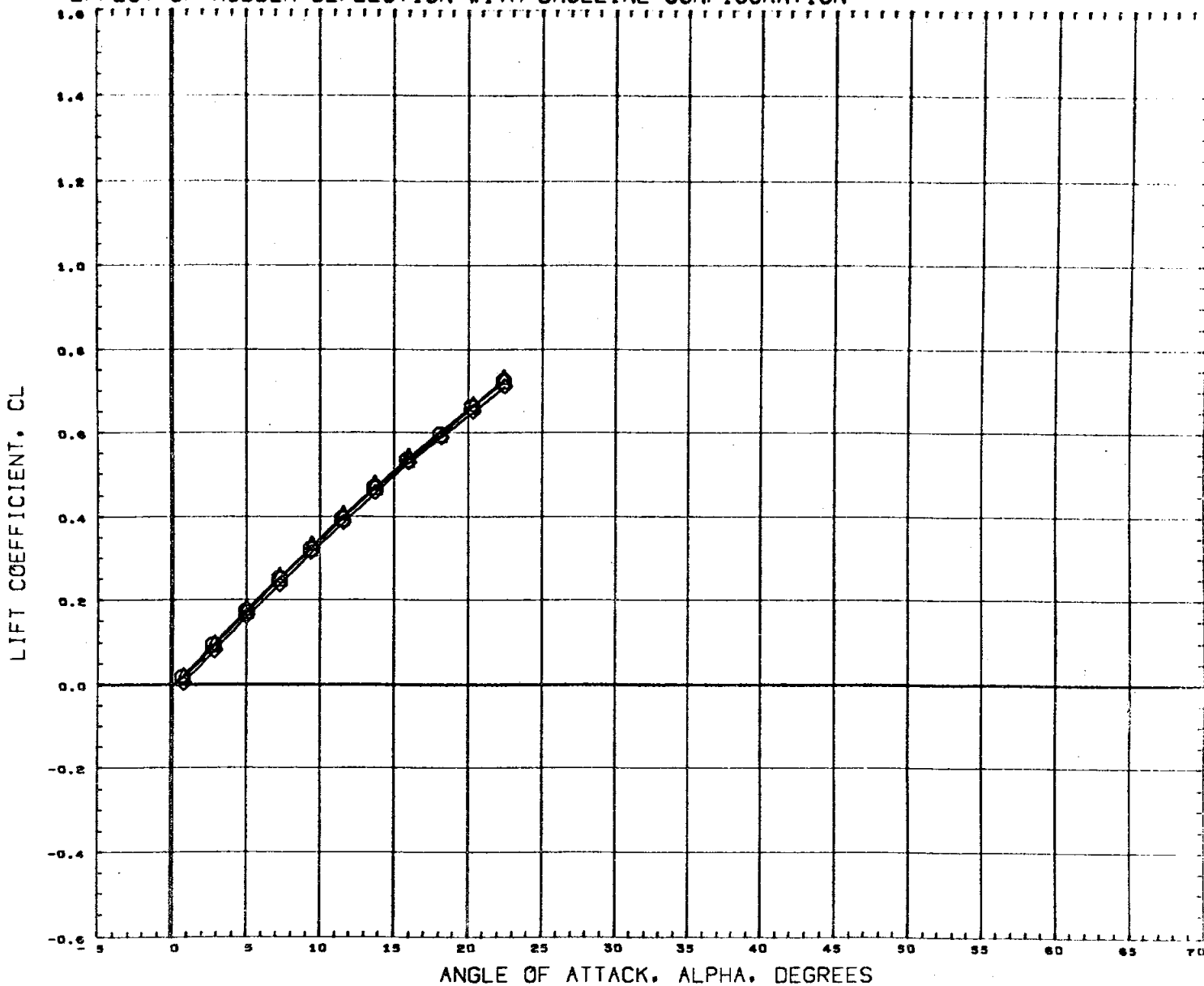


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

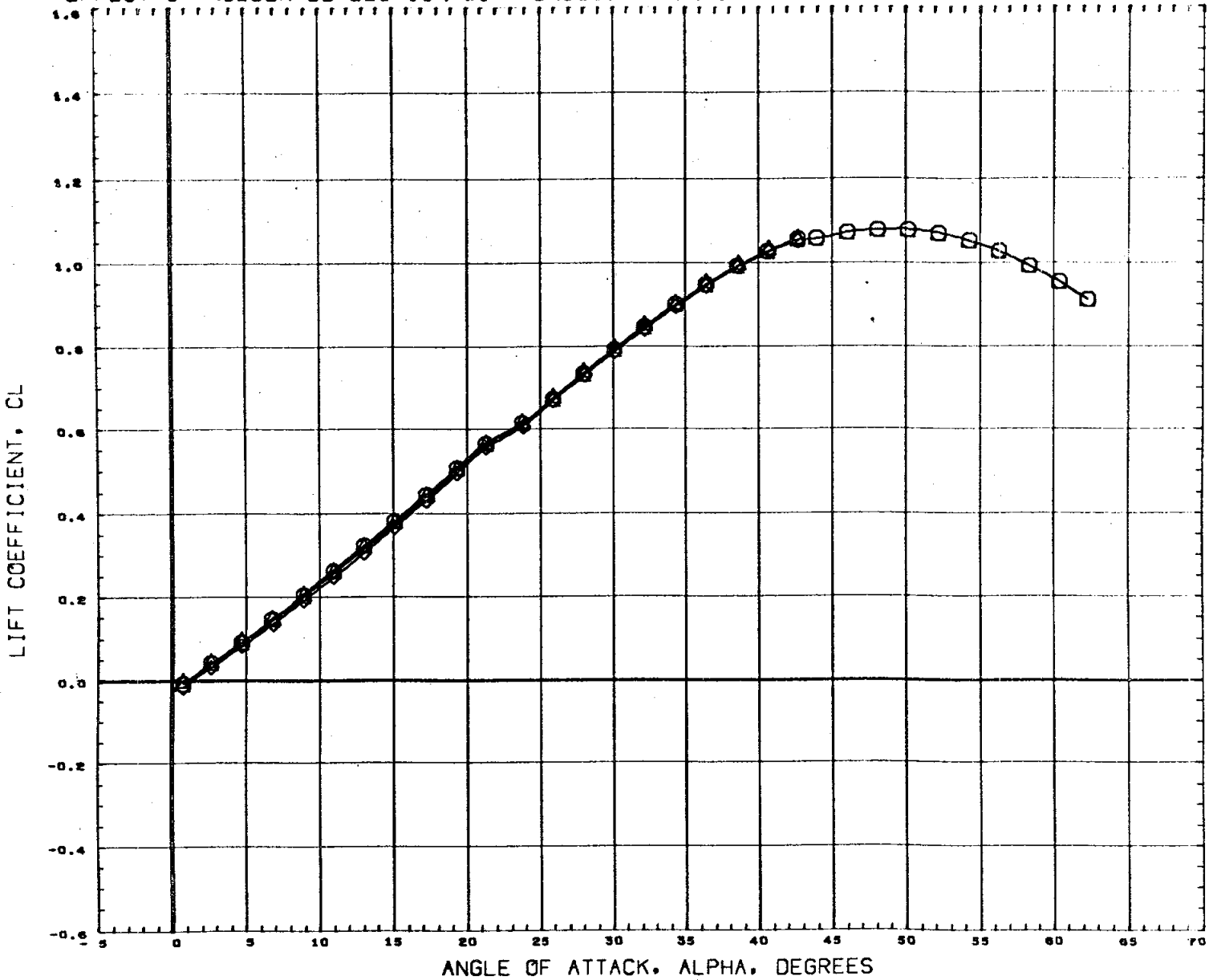


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4100 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97



# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

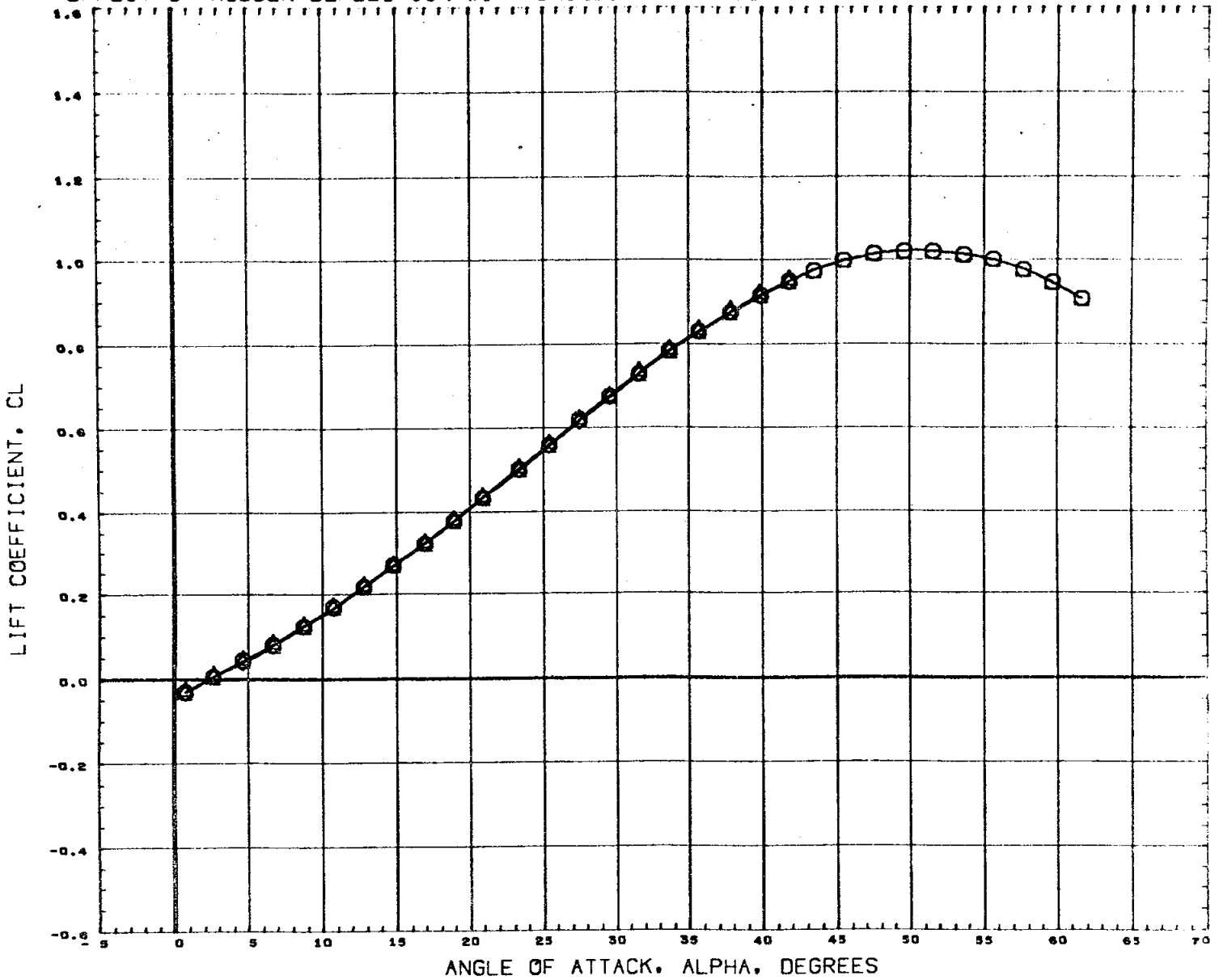


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76526)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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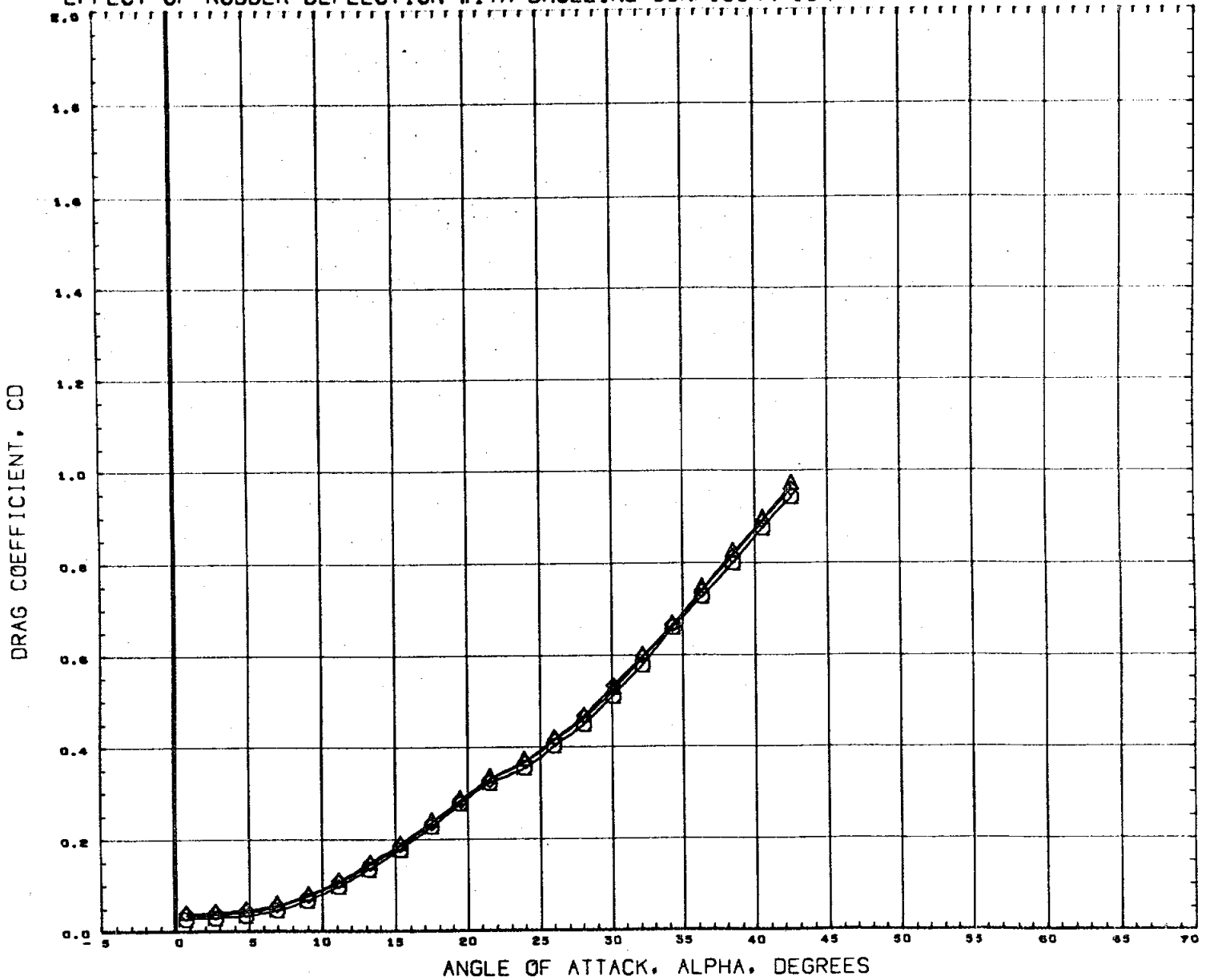
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

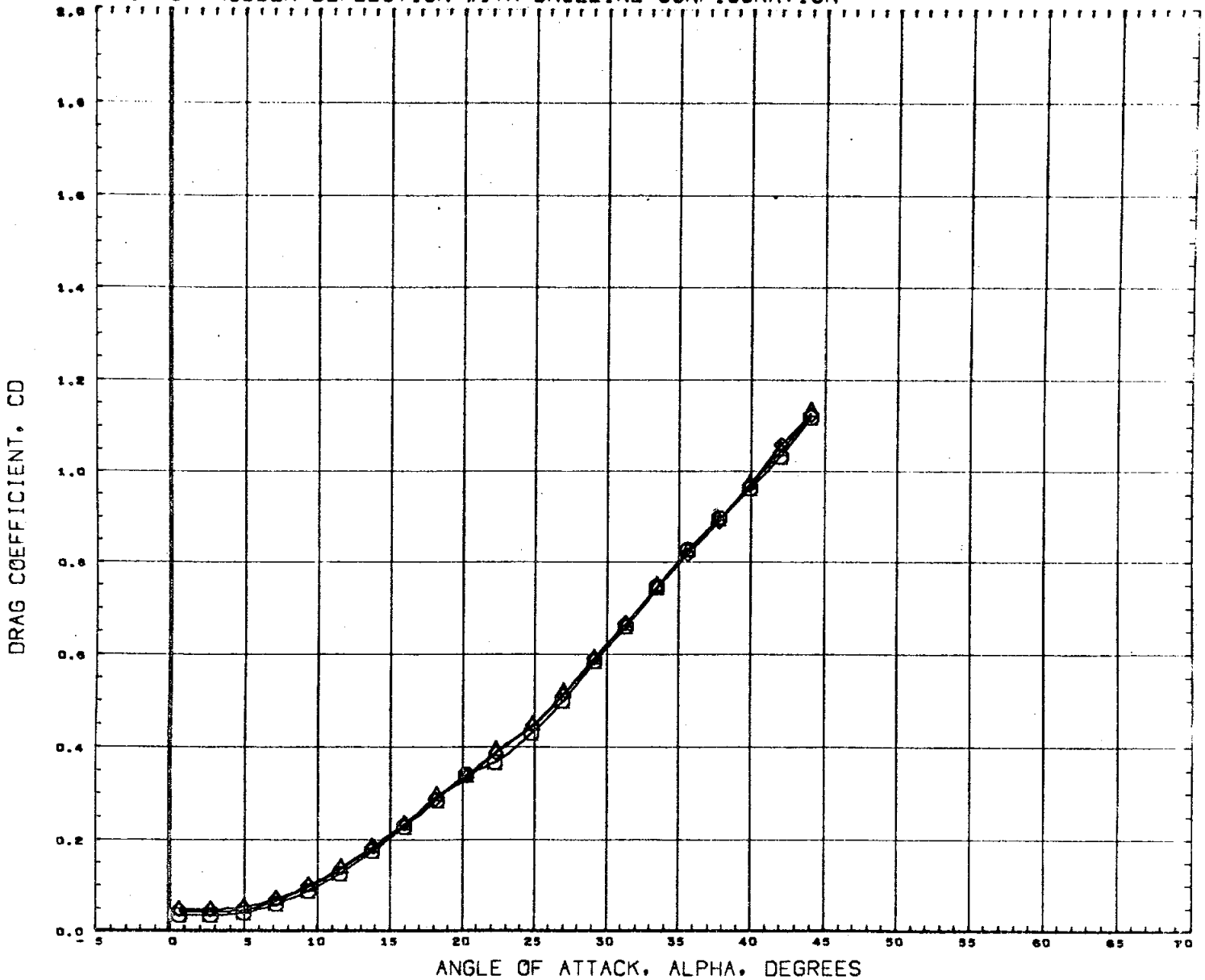


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

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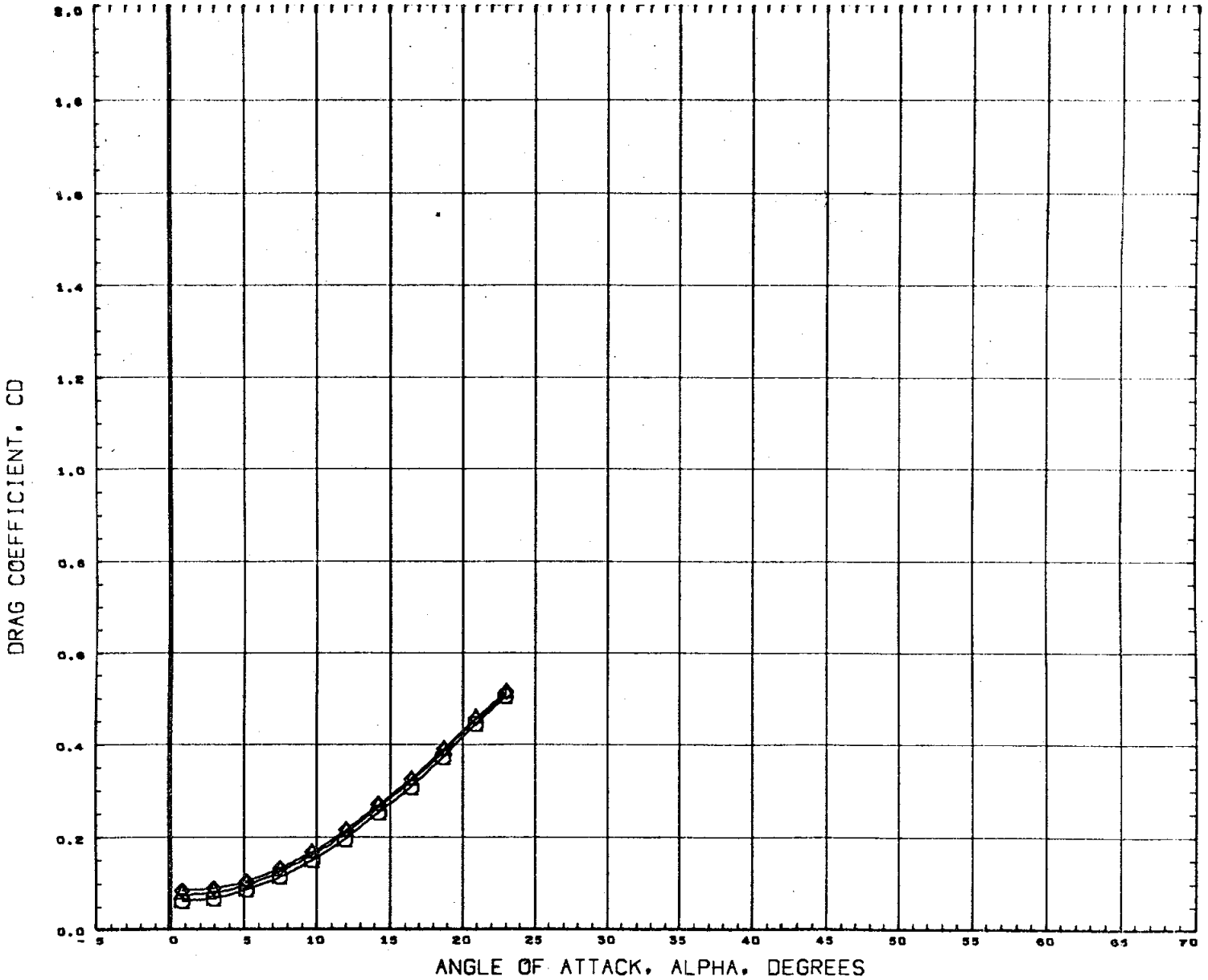
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

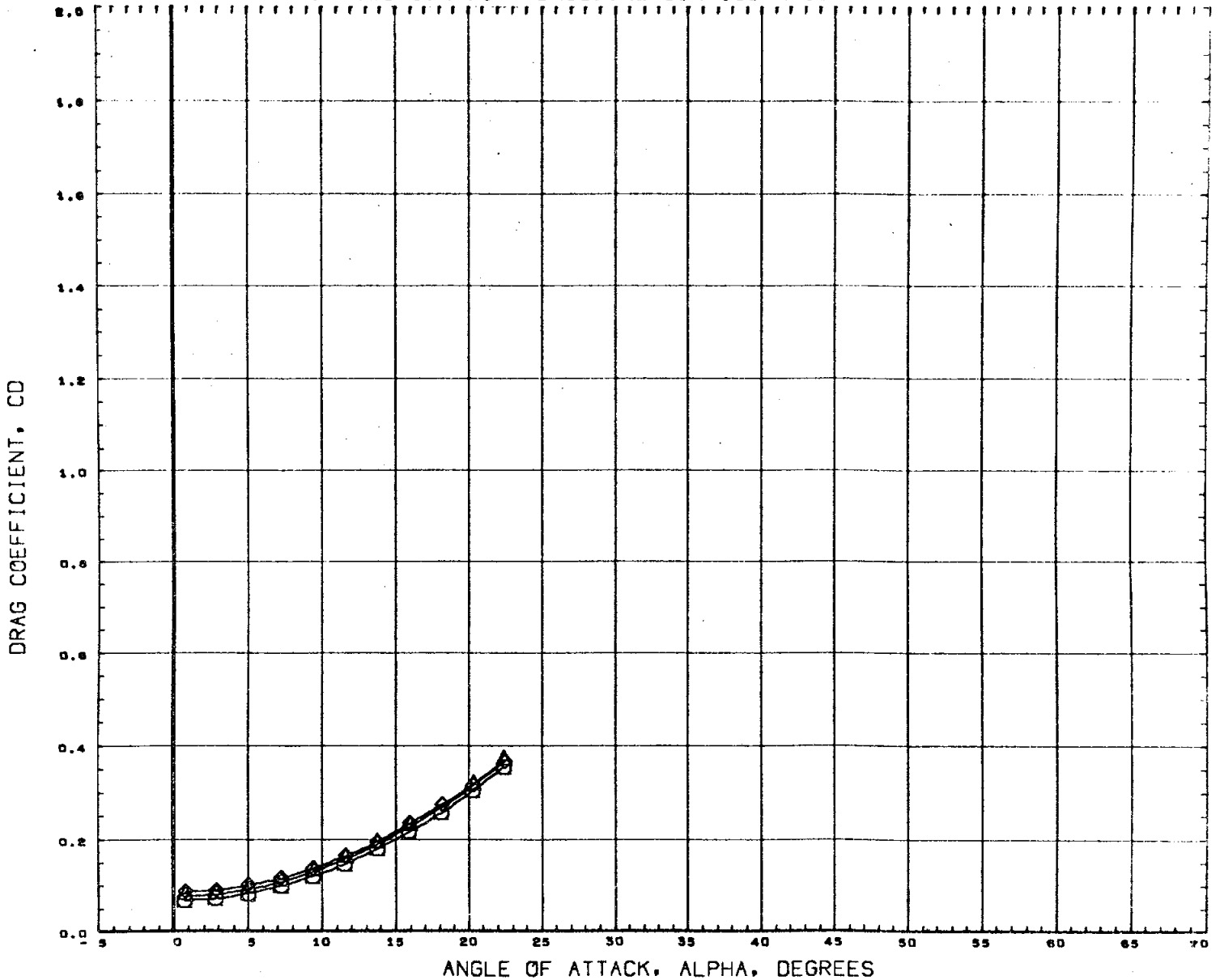


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0046

MACH 1.20

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

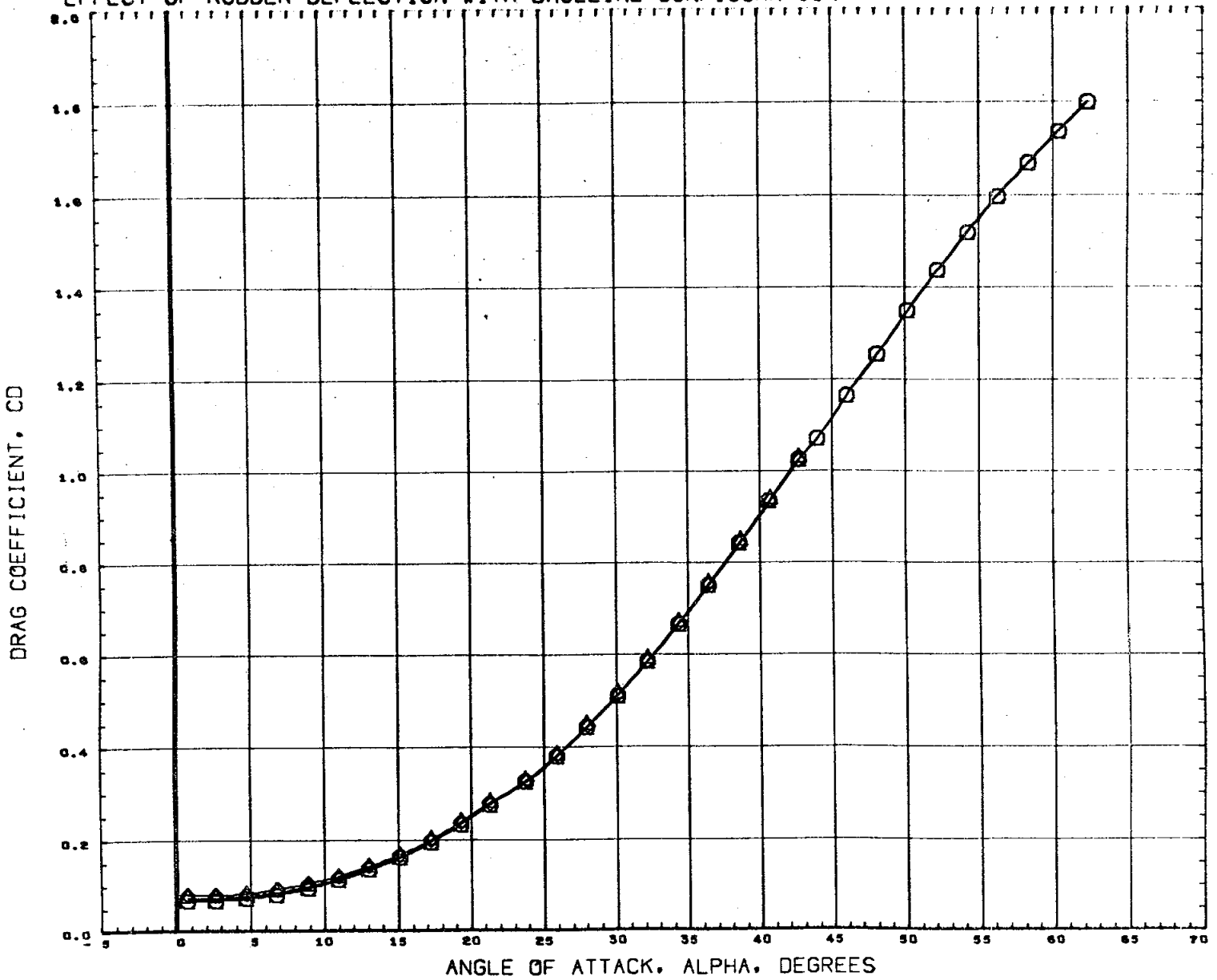


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH

1.97

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

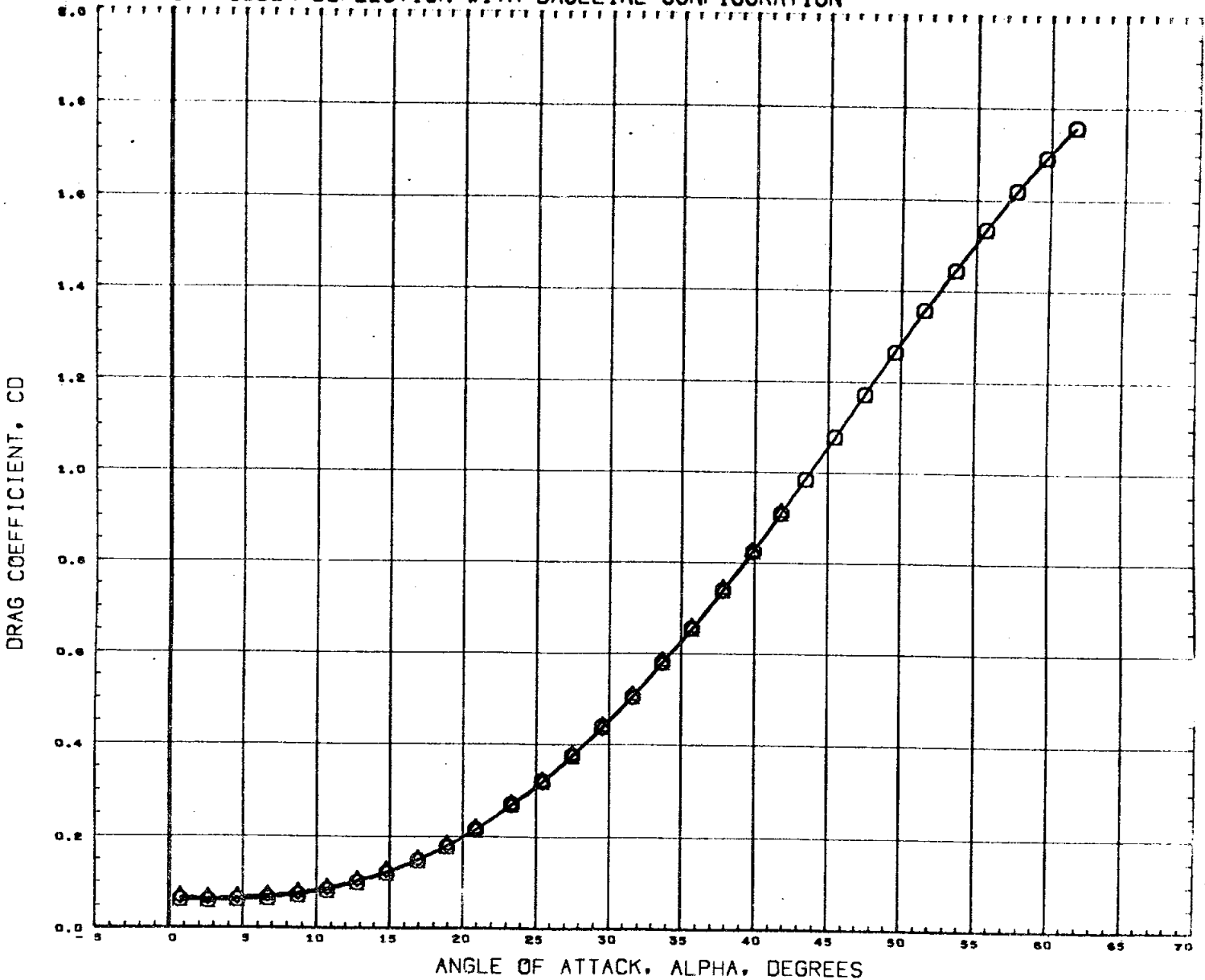


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 sq. in.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 in.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 in.
					XMRP 3.4530 in.
					YMRP 0.0000 in.
					ZMRP 0.0000 in.
					SCALE 0.0040

MACH 2.99

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	15.000	10.000
0.000	15.000	40.000

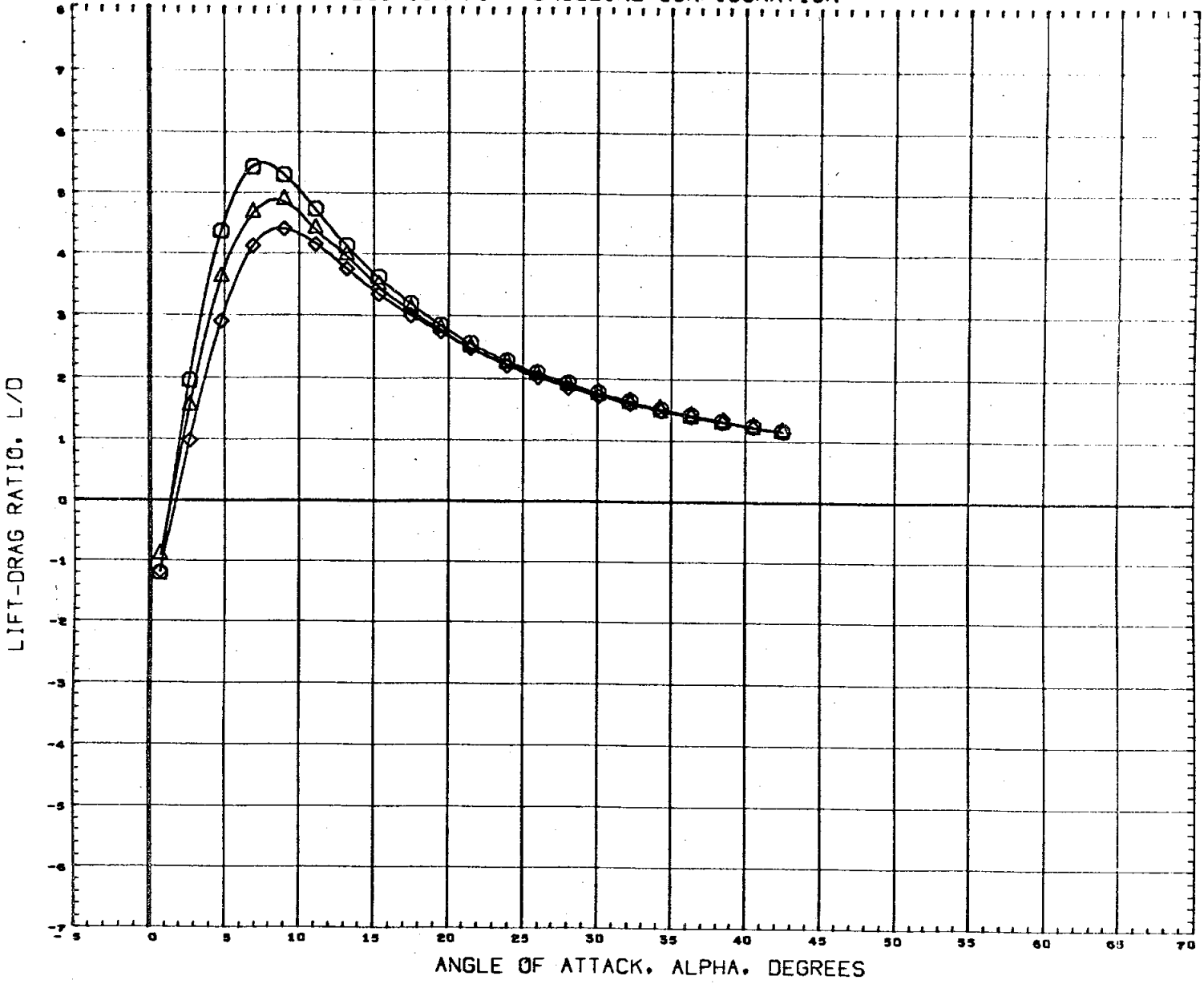
REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
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BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 4.96

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

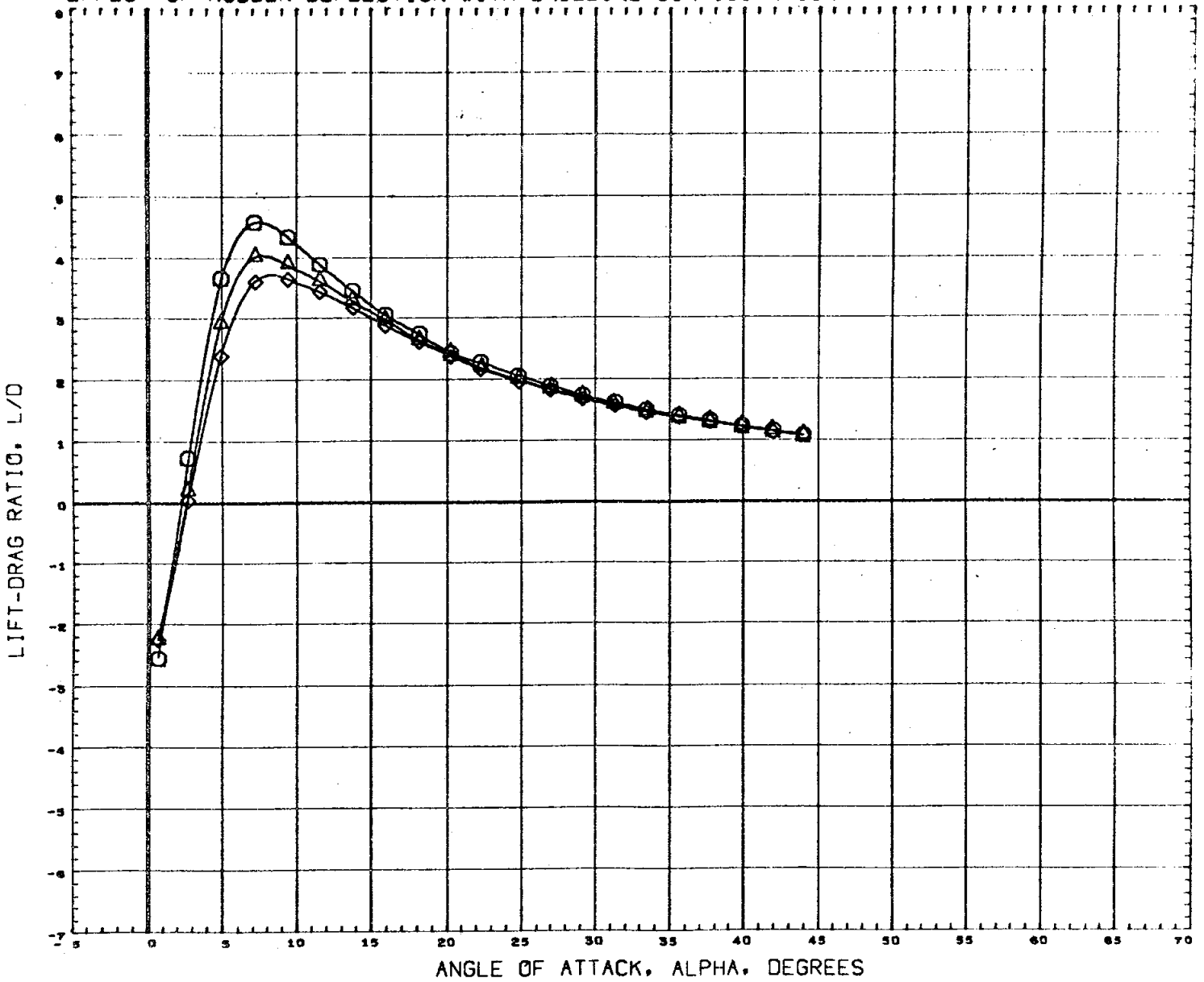


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRP	3.4530 IN.
YMRP	0.0000 IN.
ZMRP	0.0000 IN.
SCALE	0.0040

MACH .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

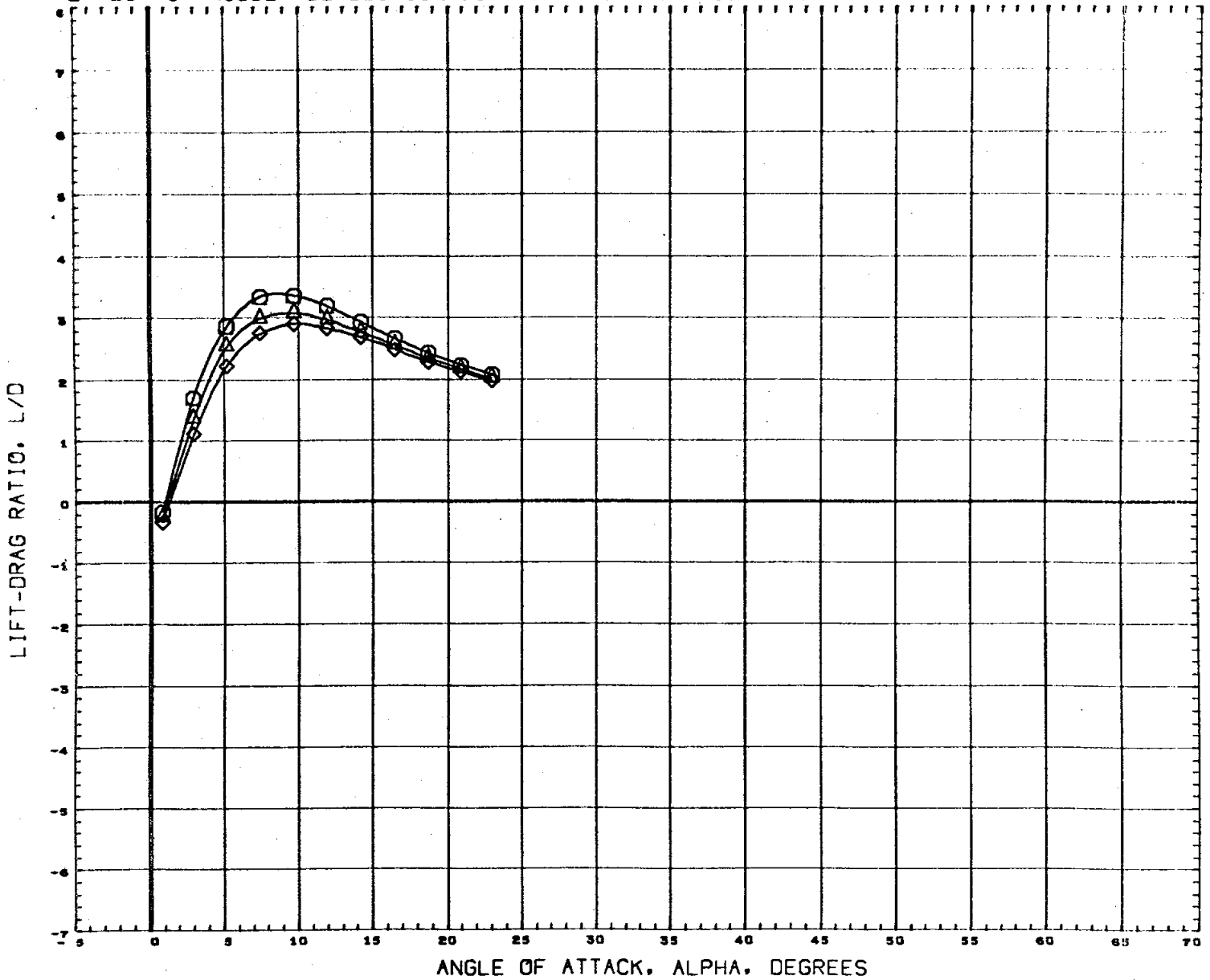


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76520)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .90

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

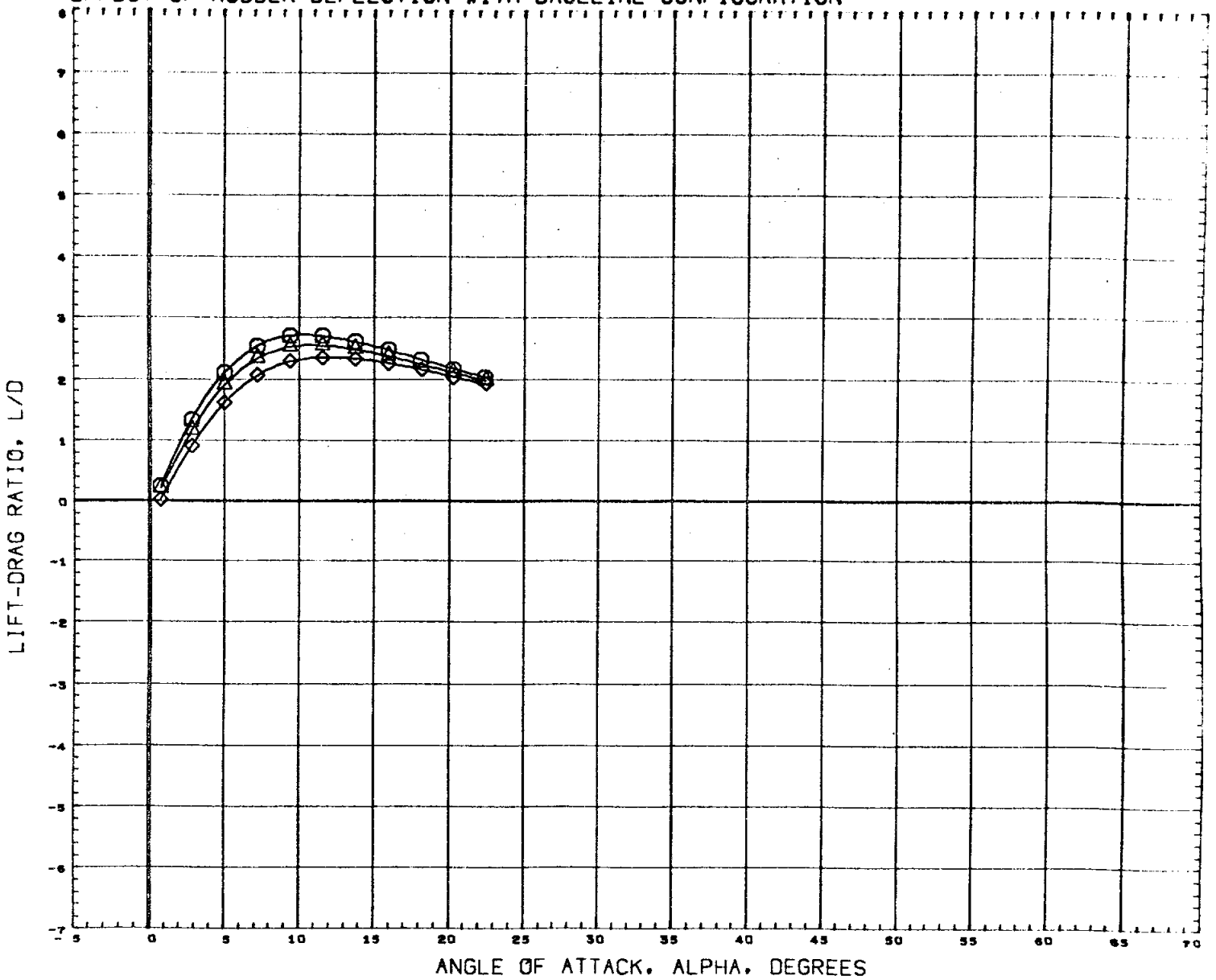


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
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					YMRP 0.0000 IN.
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					SCALE 0.0040

MACH 1.20

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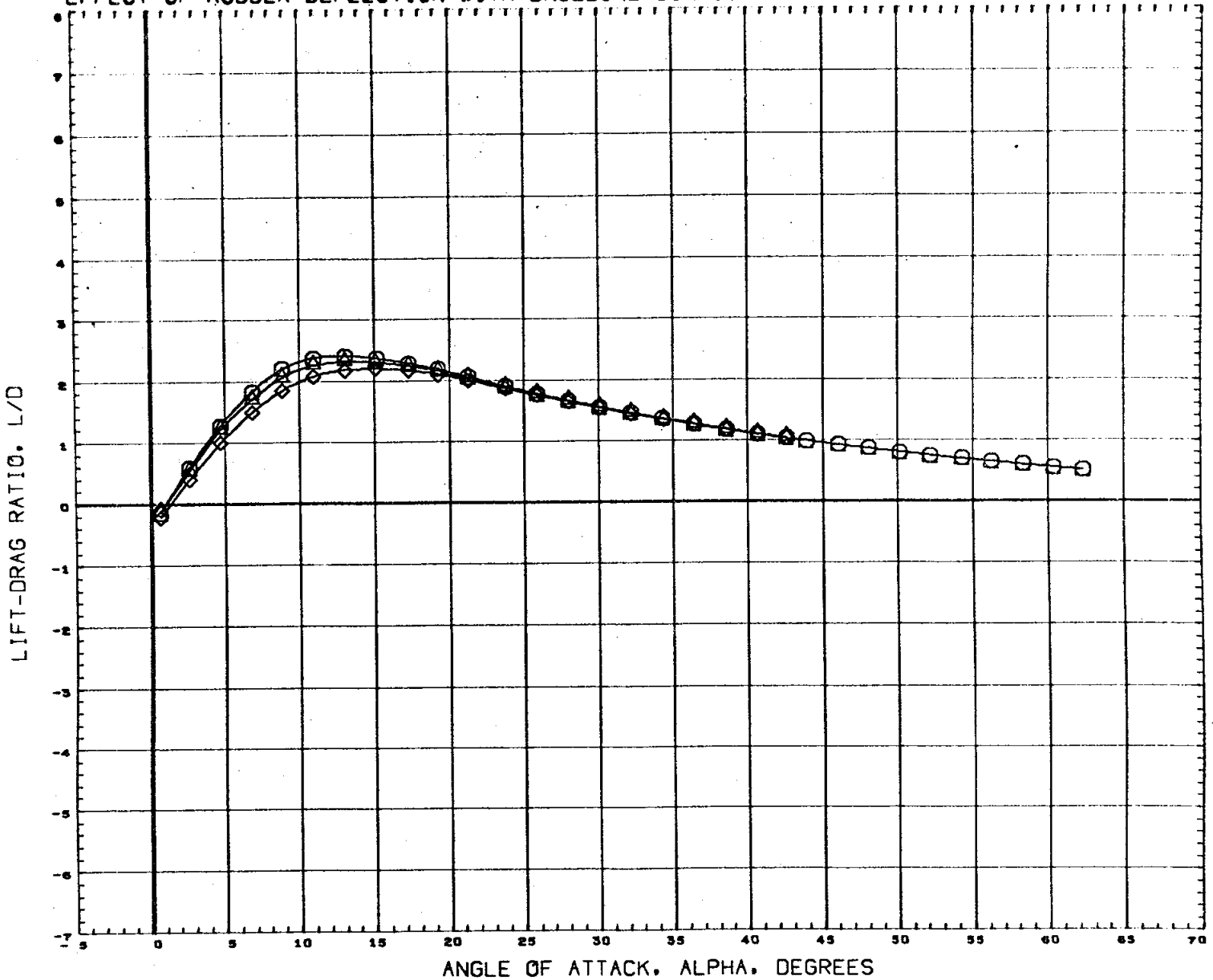
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
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					YMRP 0.0000 IN.
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MACH 1.97

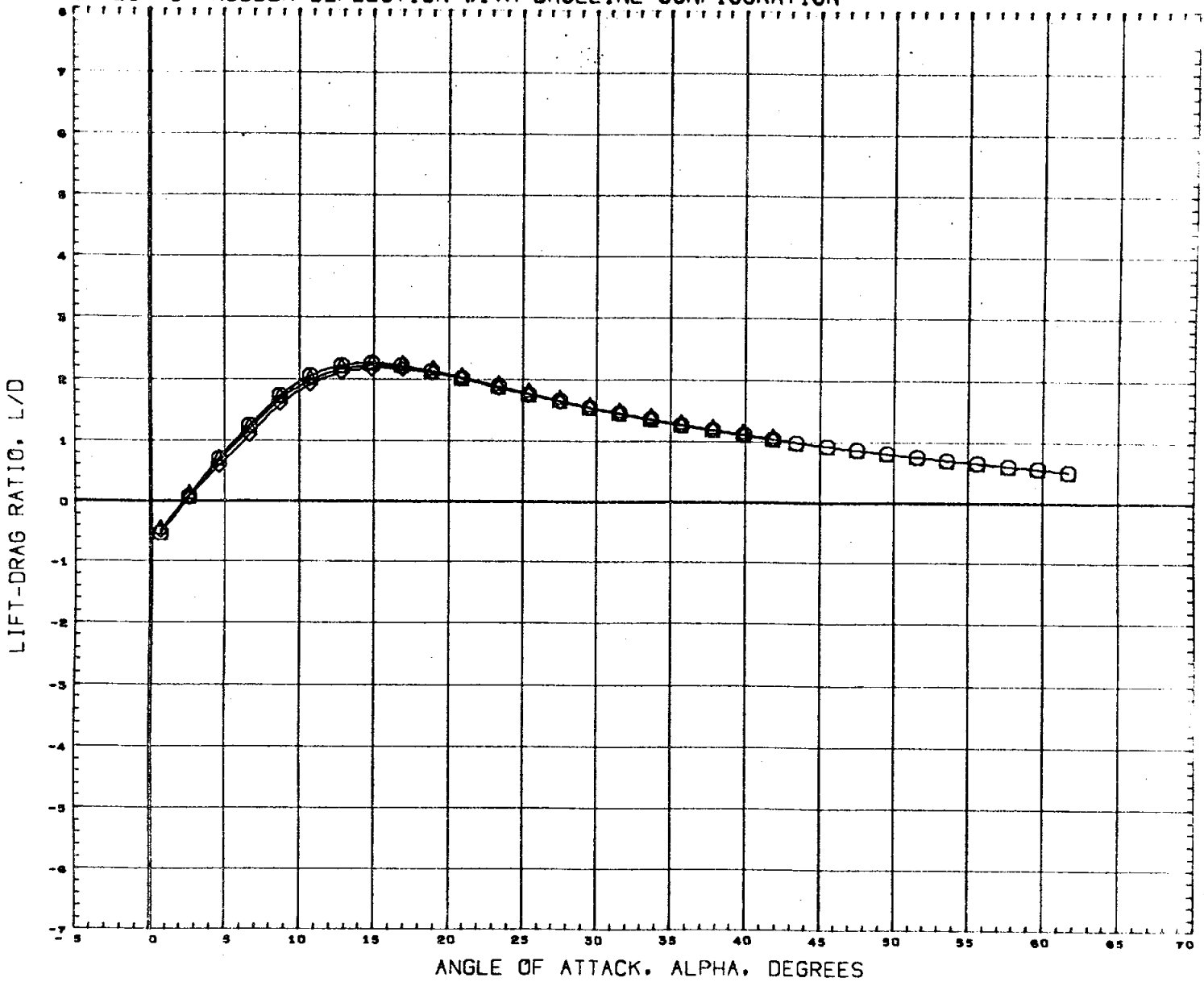
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76S28)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76S32)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
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					YHRP 0.0000 IN.
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MACH 2.99

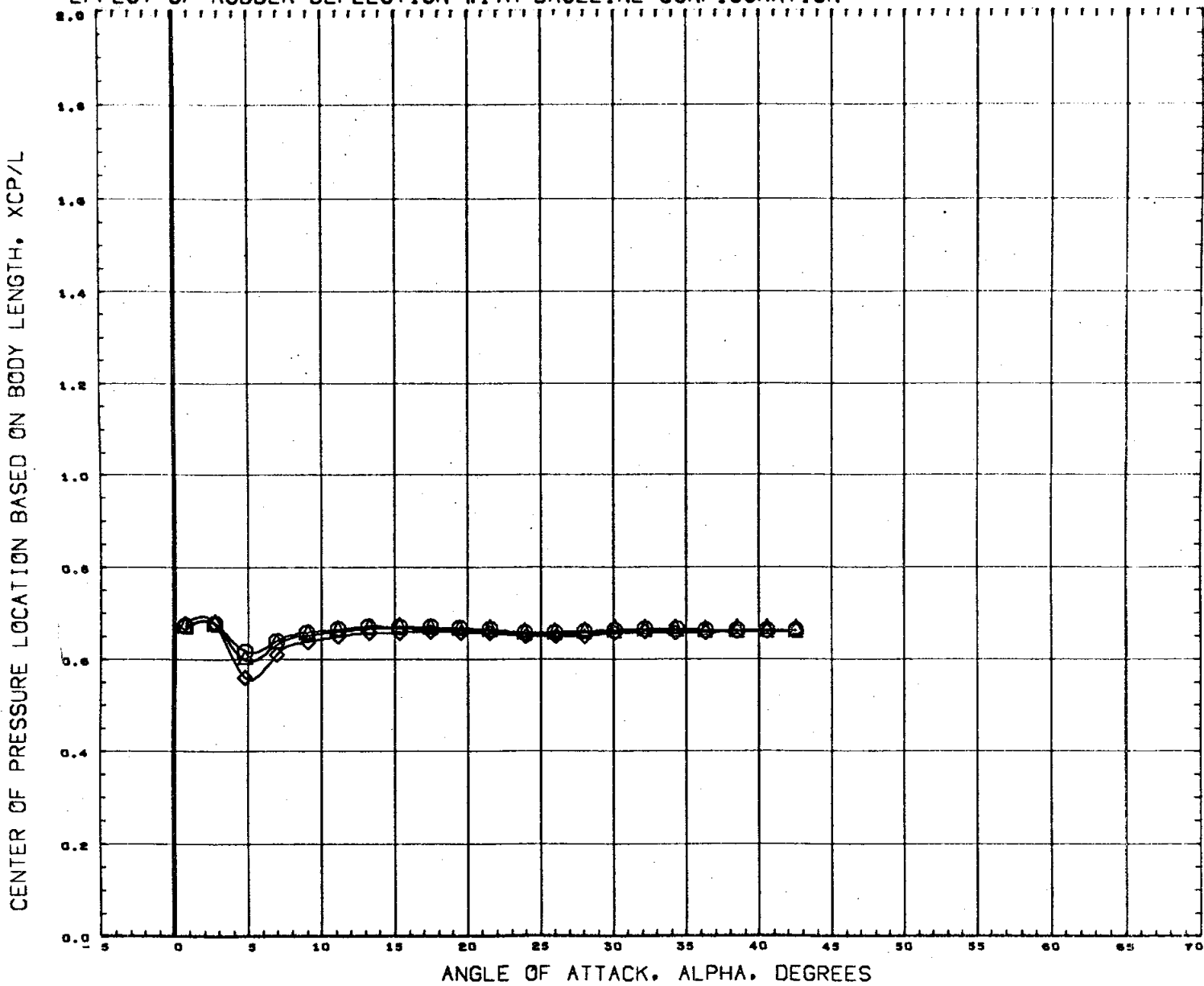
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 53. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4550 IN.
					YMRP 0.0000 IN.
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					SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

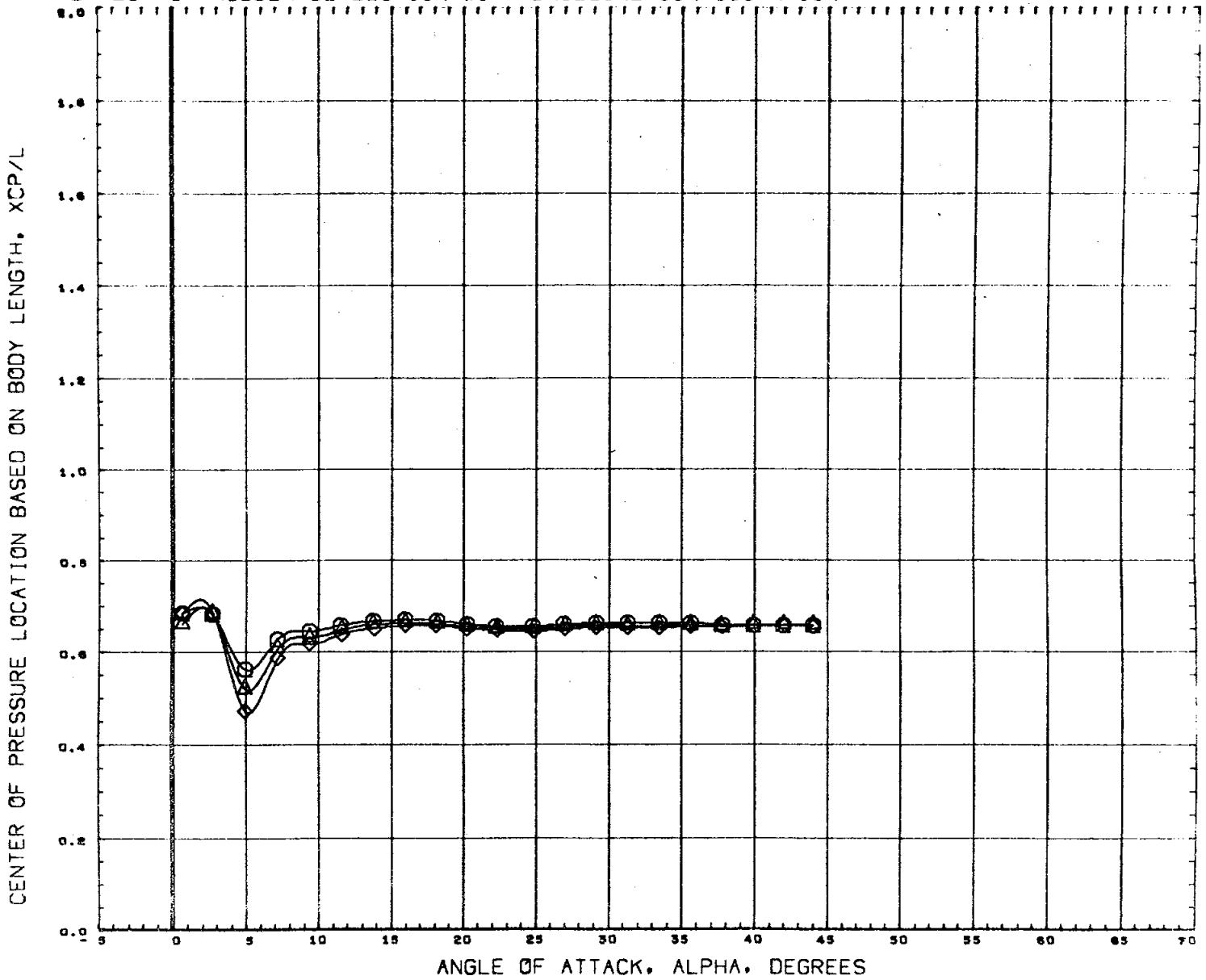


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



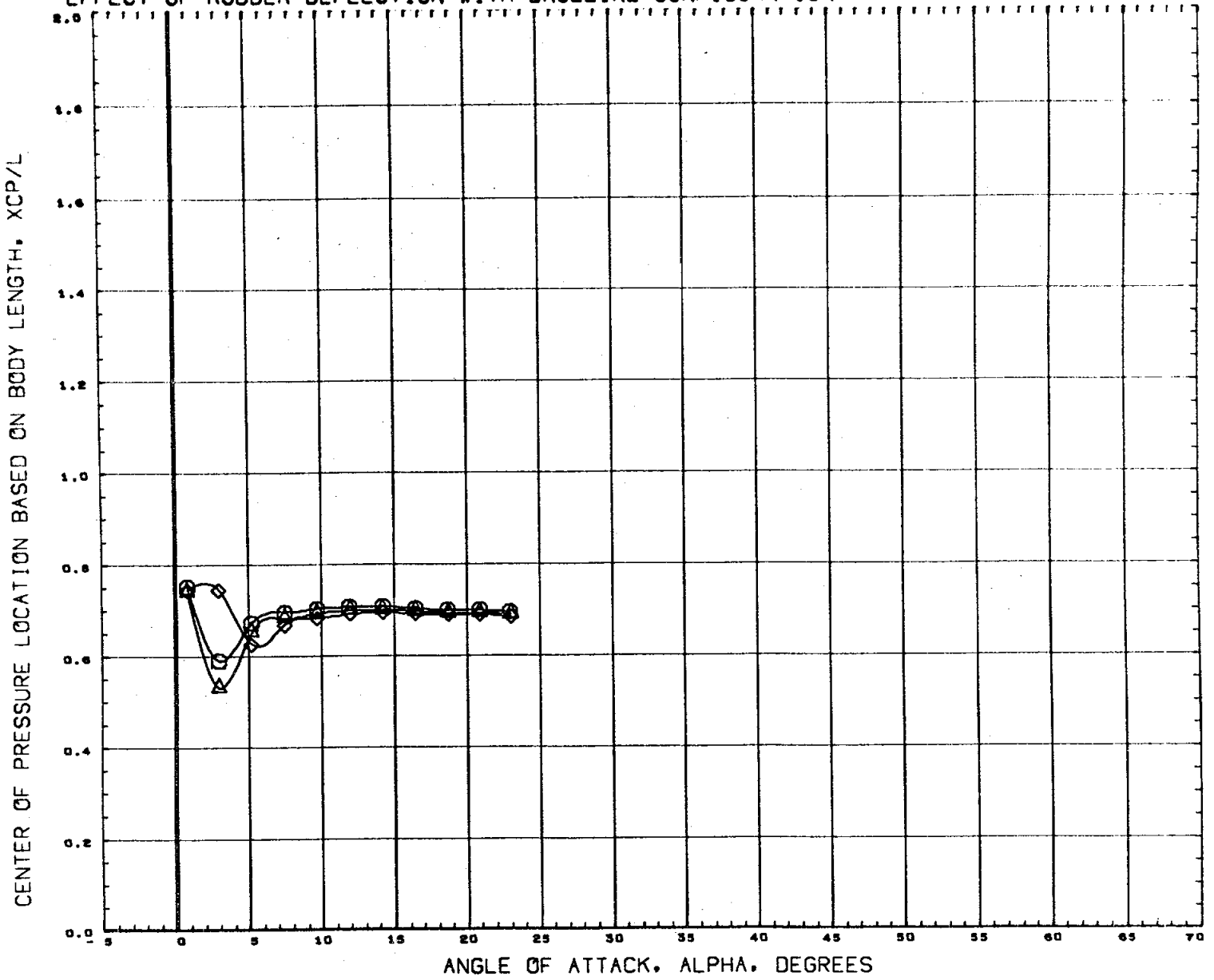
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76526)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

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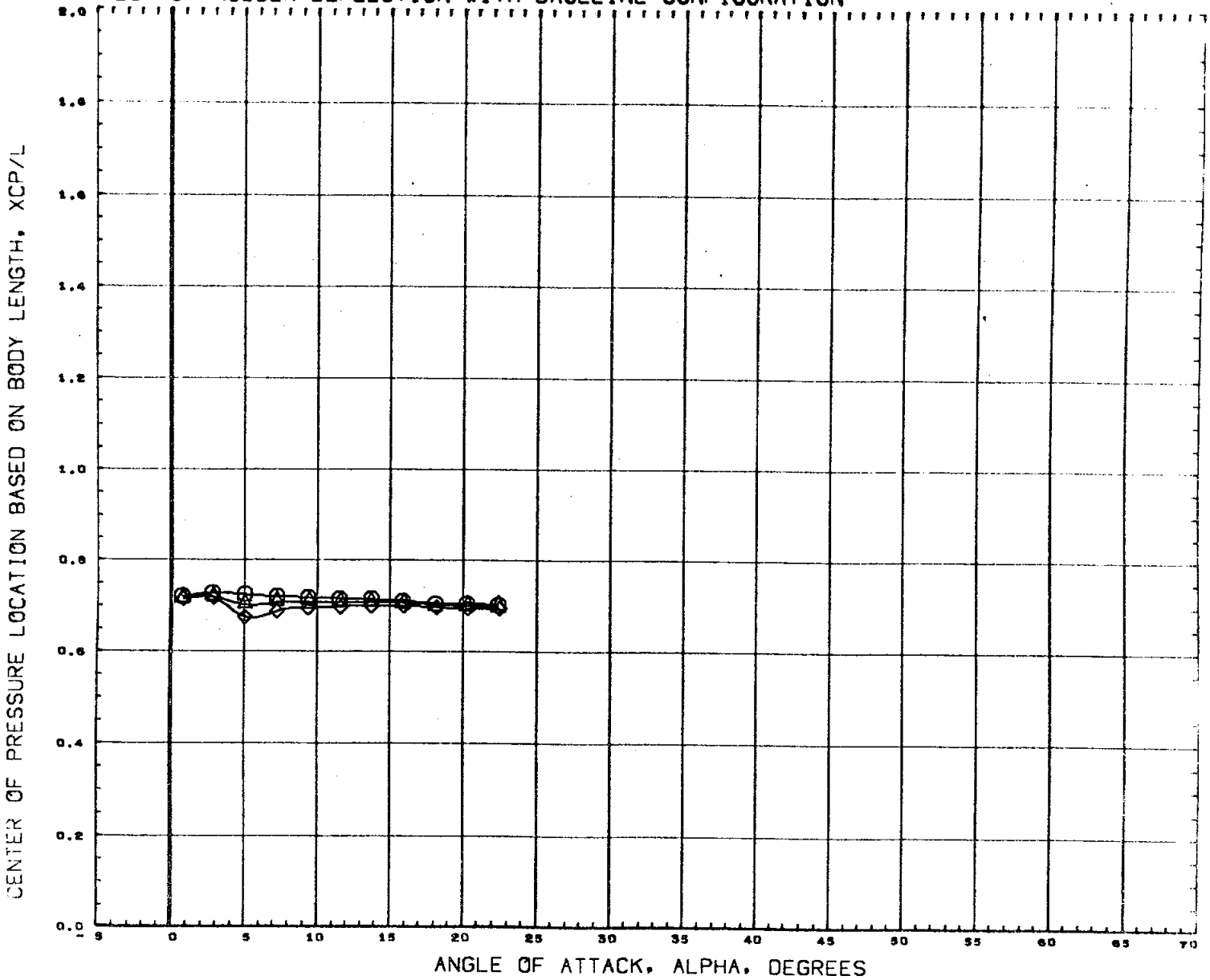
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76303)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
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					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

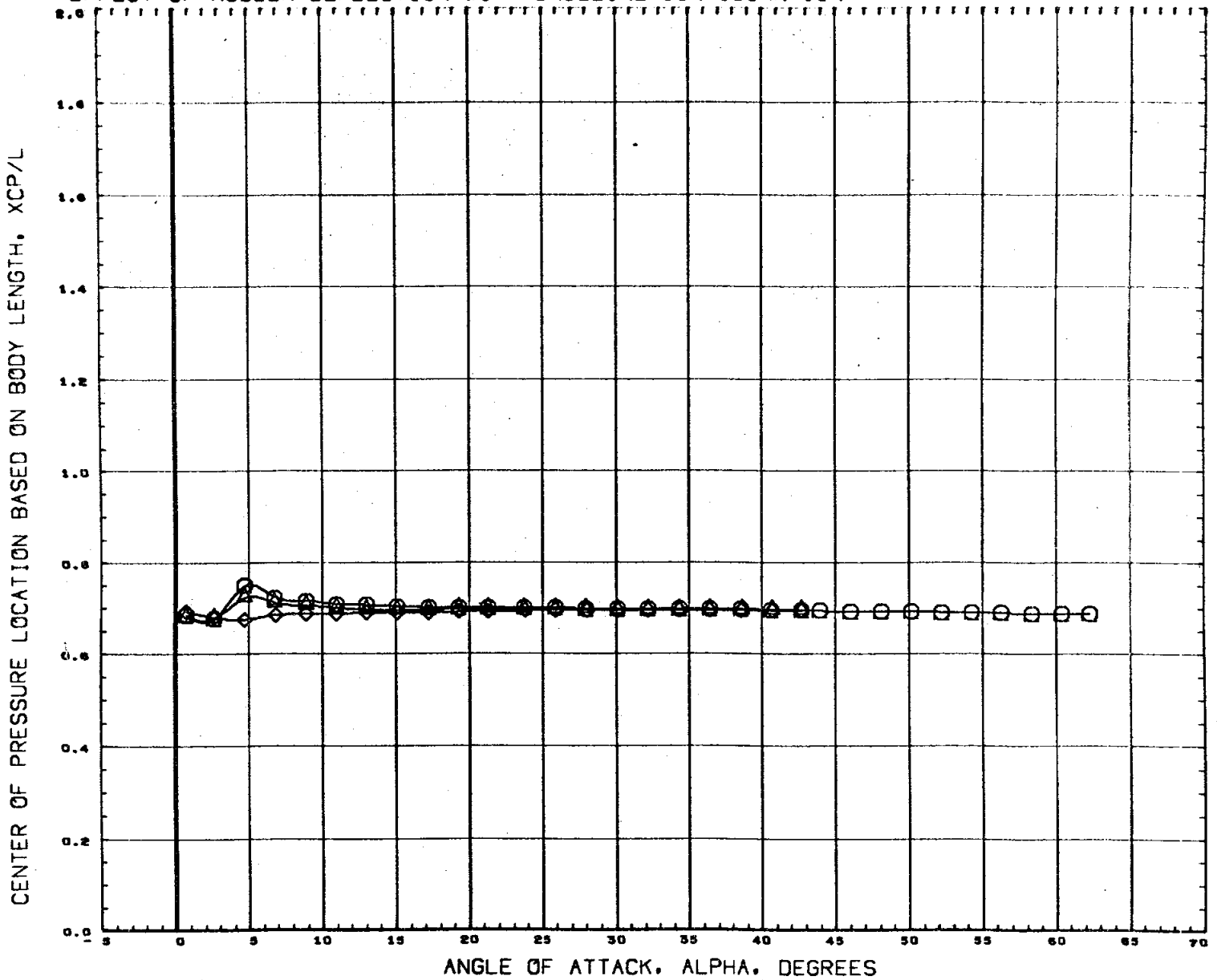
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

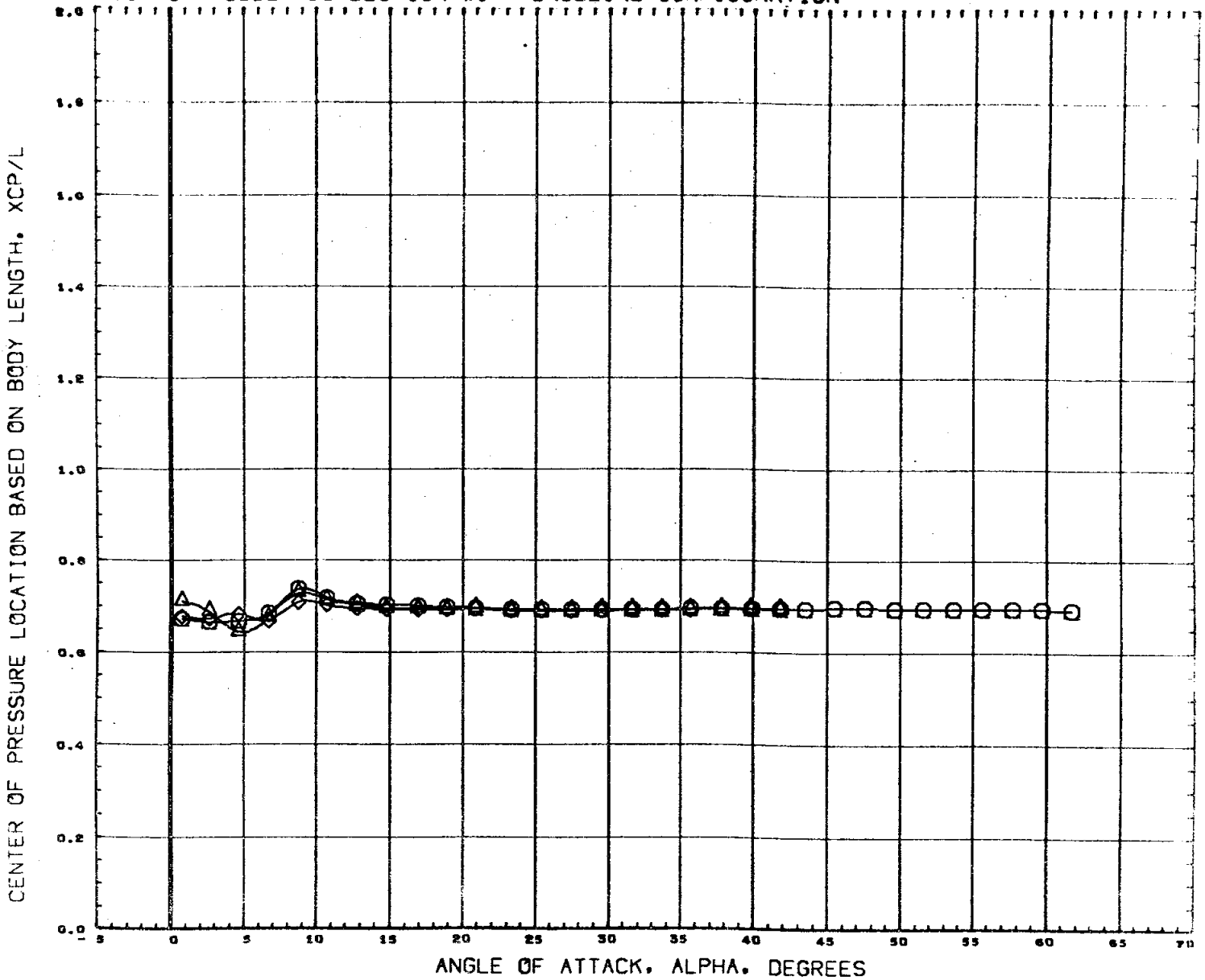


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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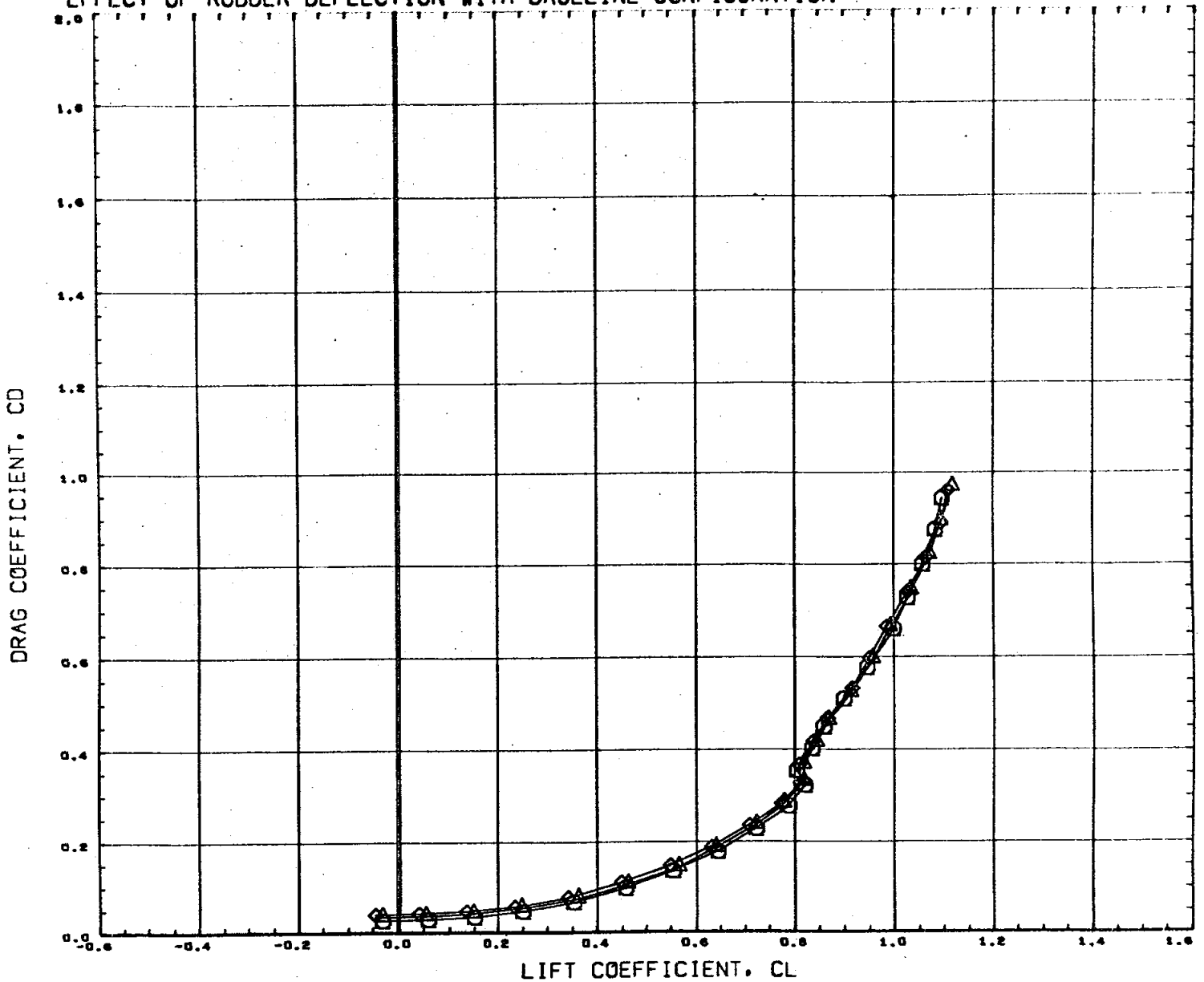
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76320)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

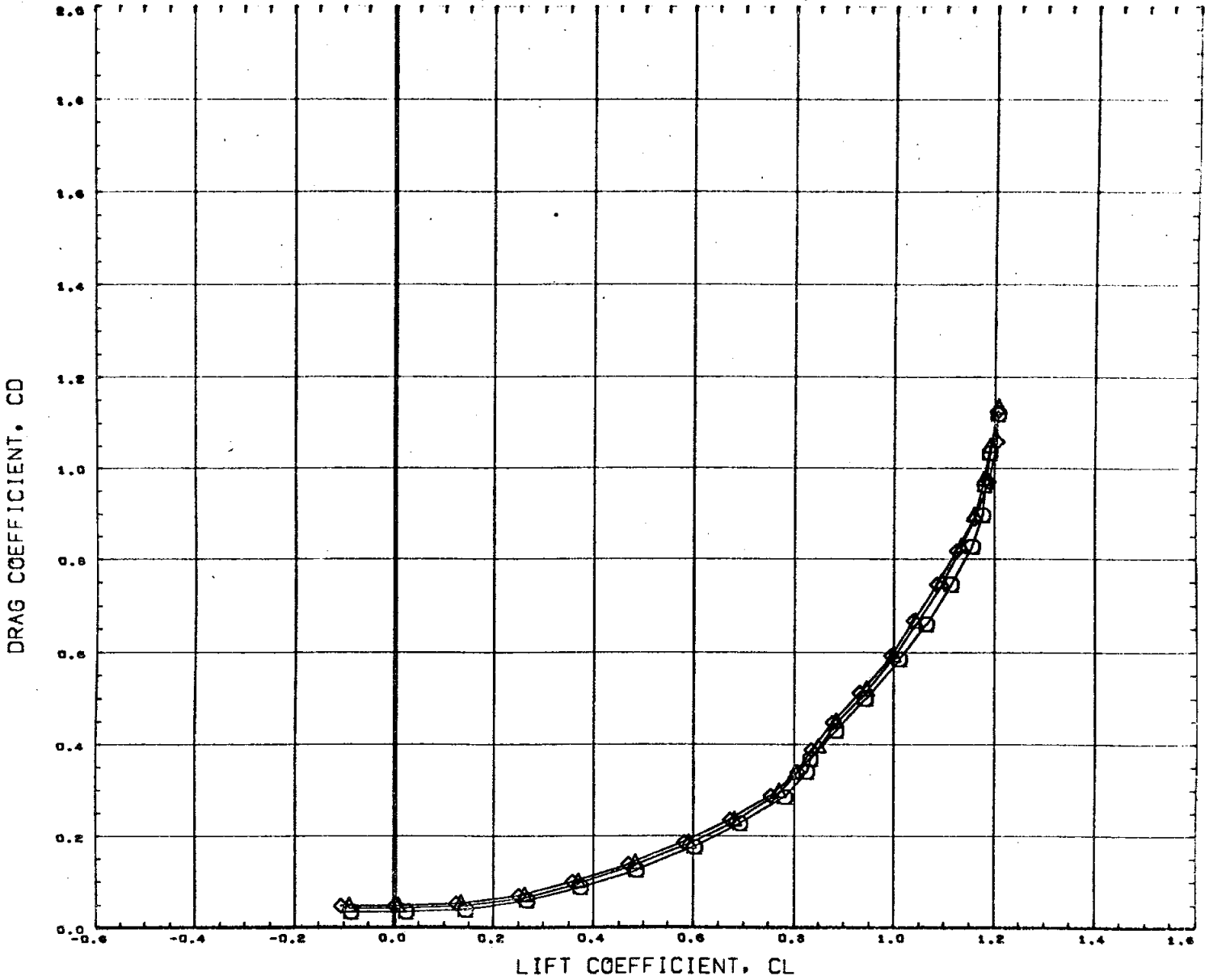


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

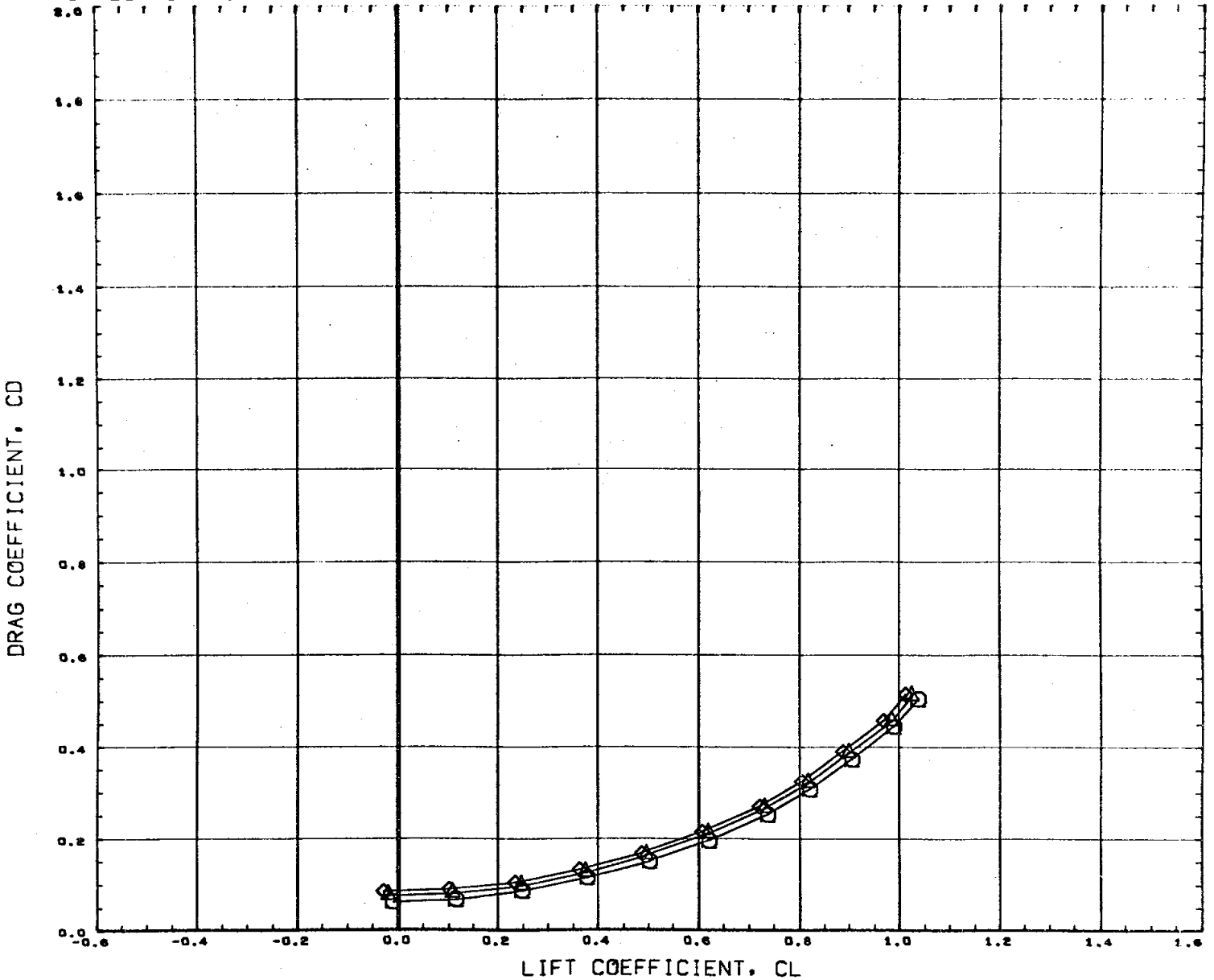


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

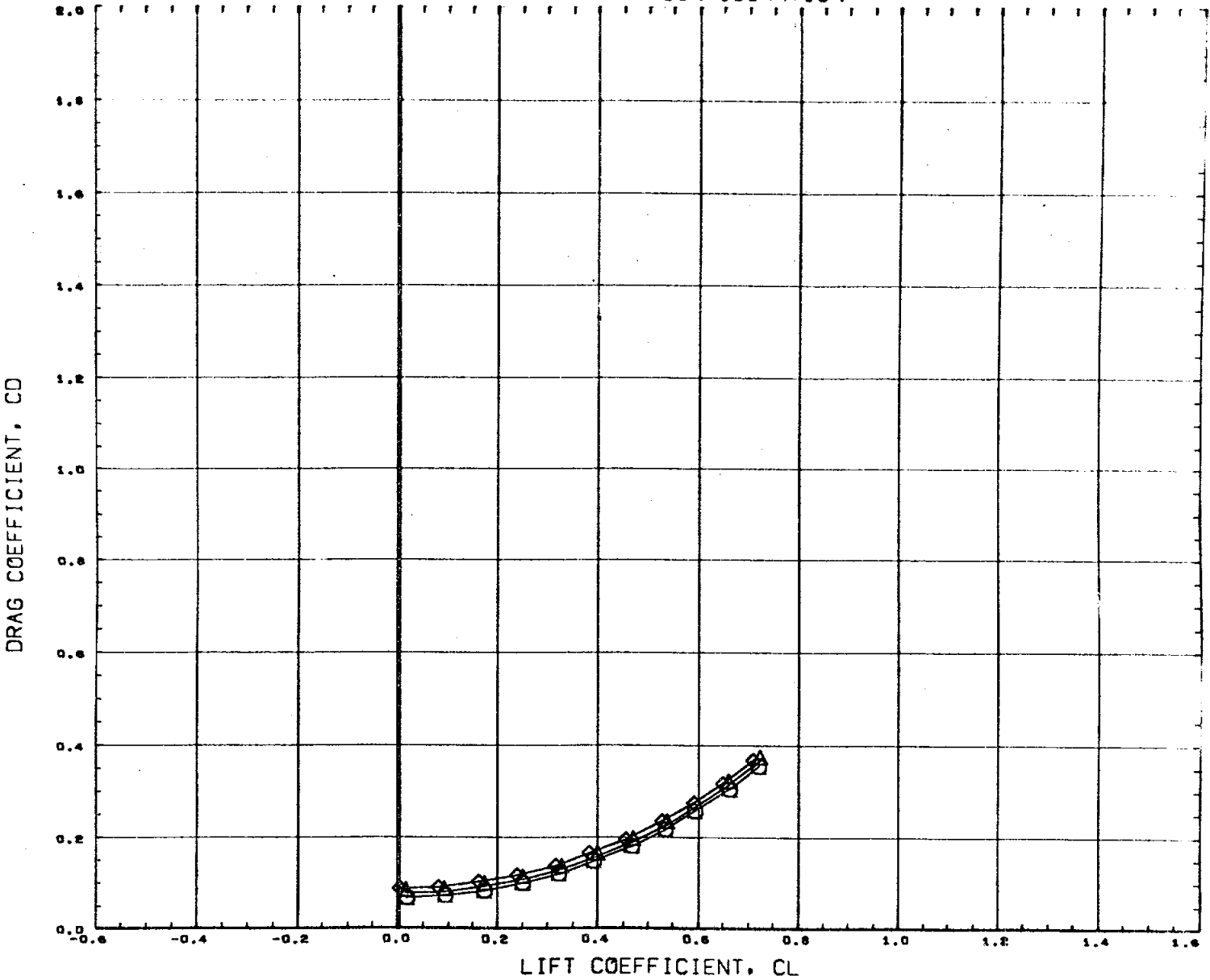


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	○ N555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	△ N555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	◇ N555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XHRP 3.4530 IN.
					YHRP 0.0000 IN.
					ZHRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

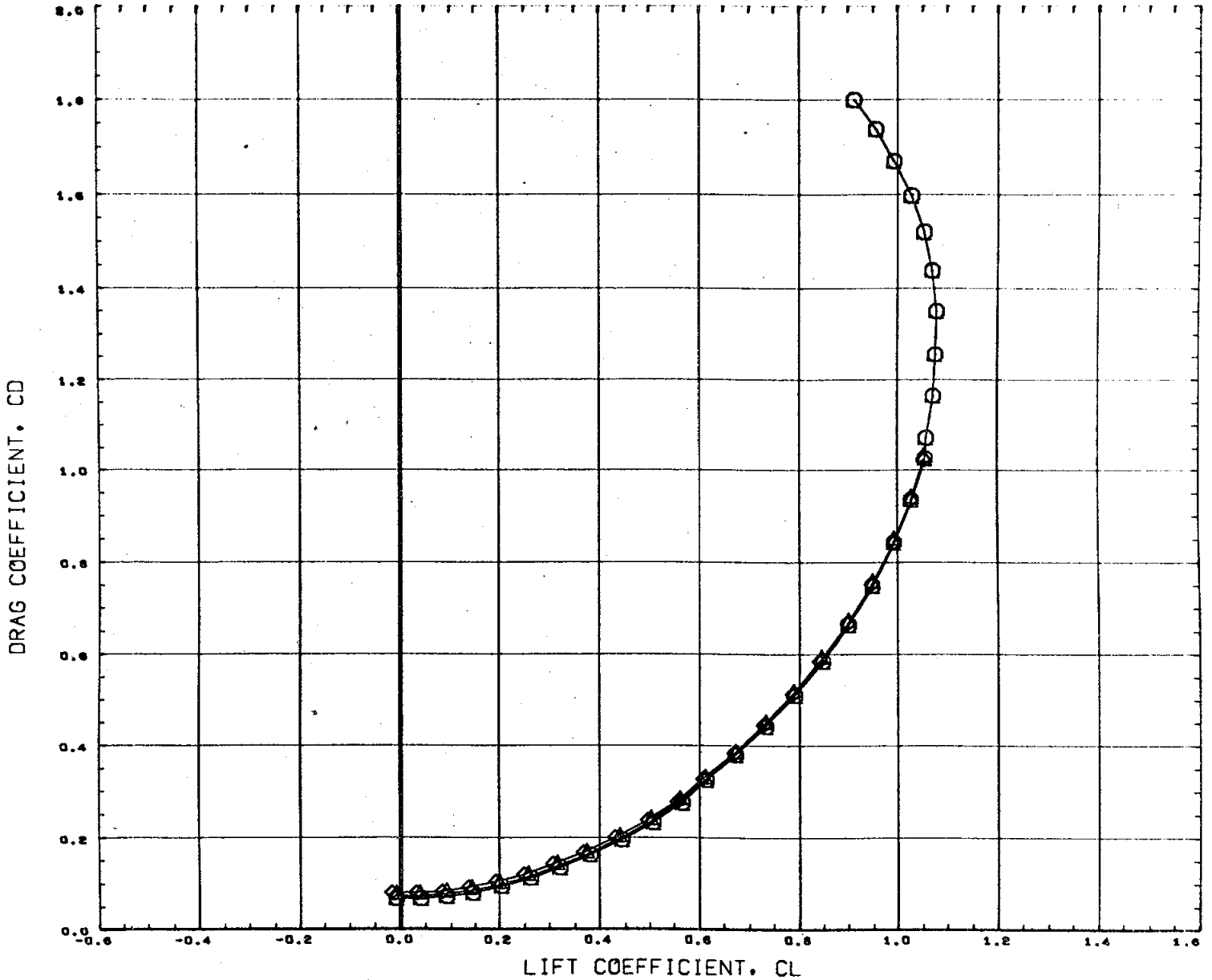


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	SREF 4.0300 IN.
					XMRP 3.4350 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97



# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

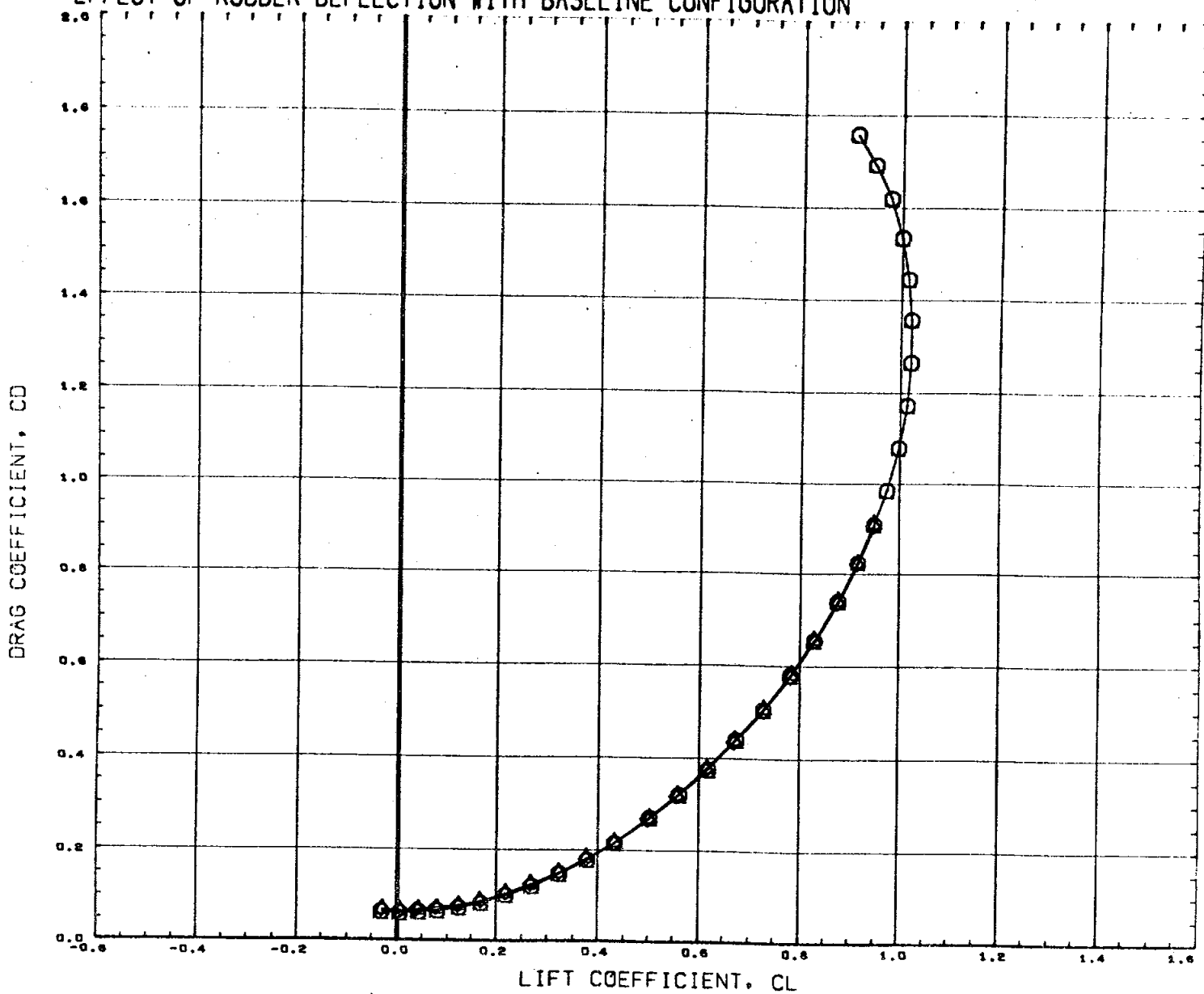


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.800	15.000	40.000	BREF 4.0300 IN.
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					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

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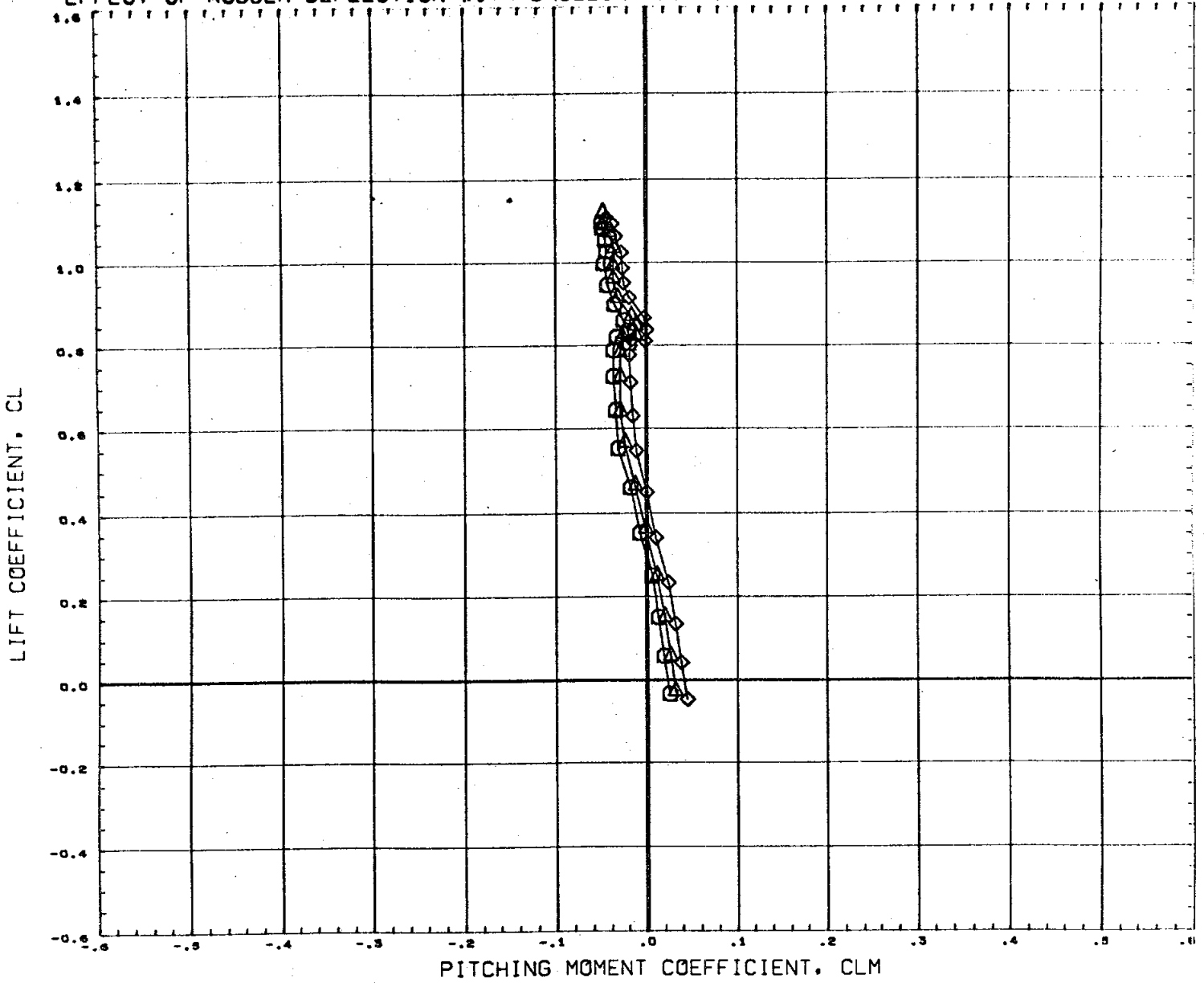
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

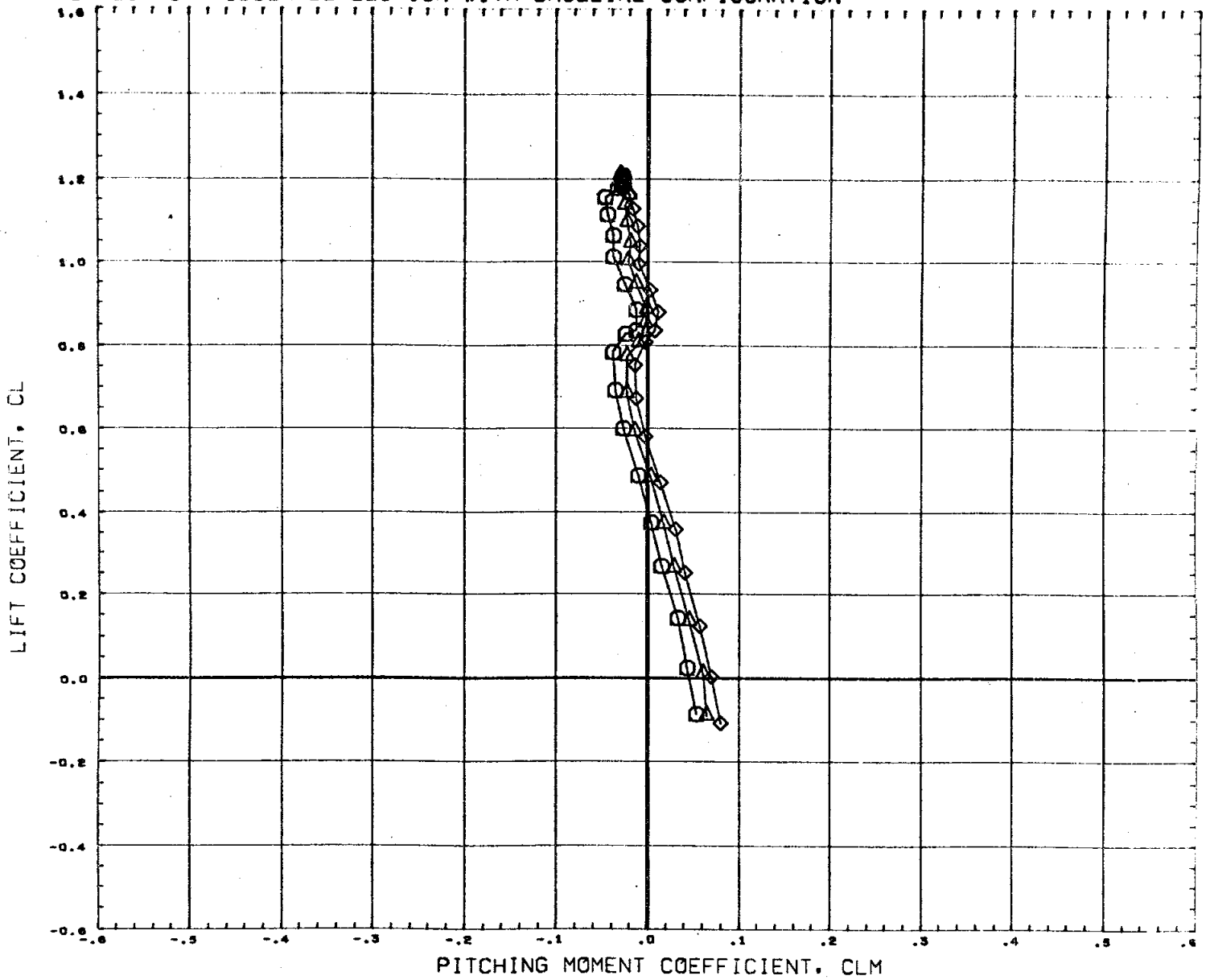


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4330 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

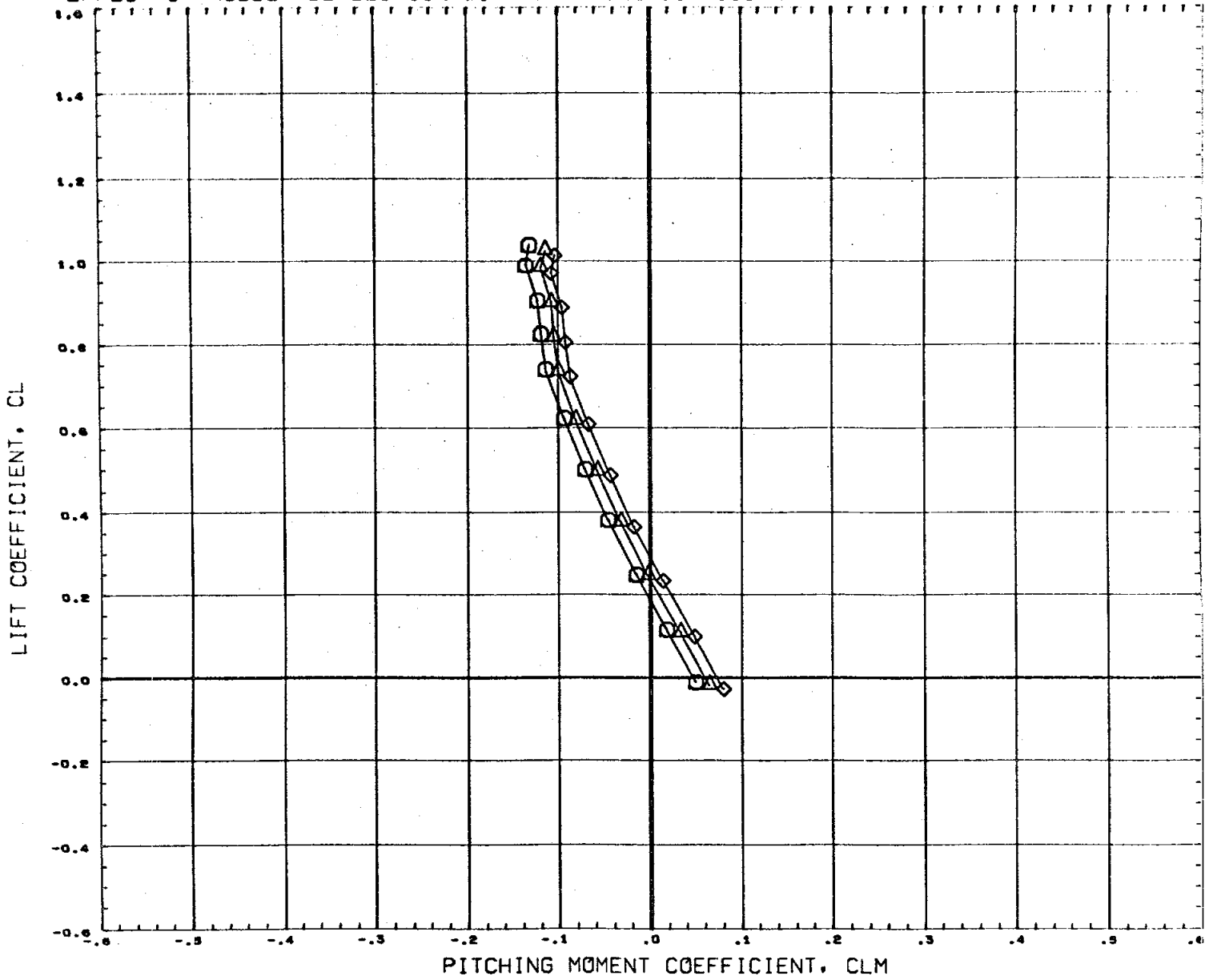


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 sq. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90

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# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



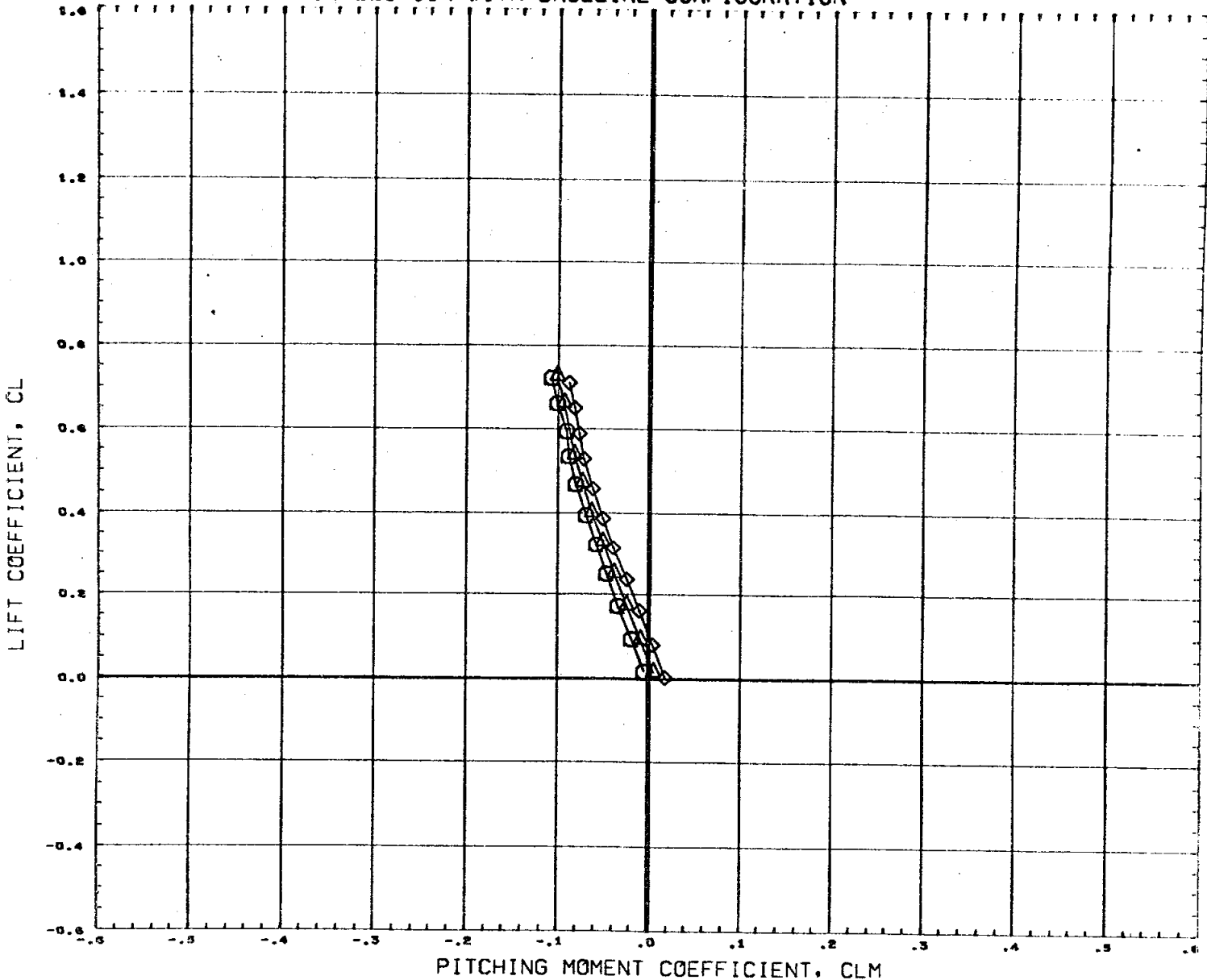
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4330 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH

1.20

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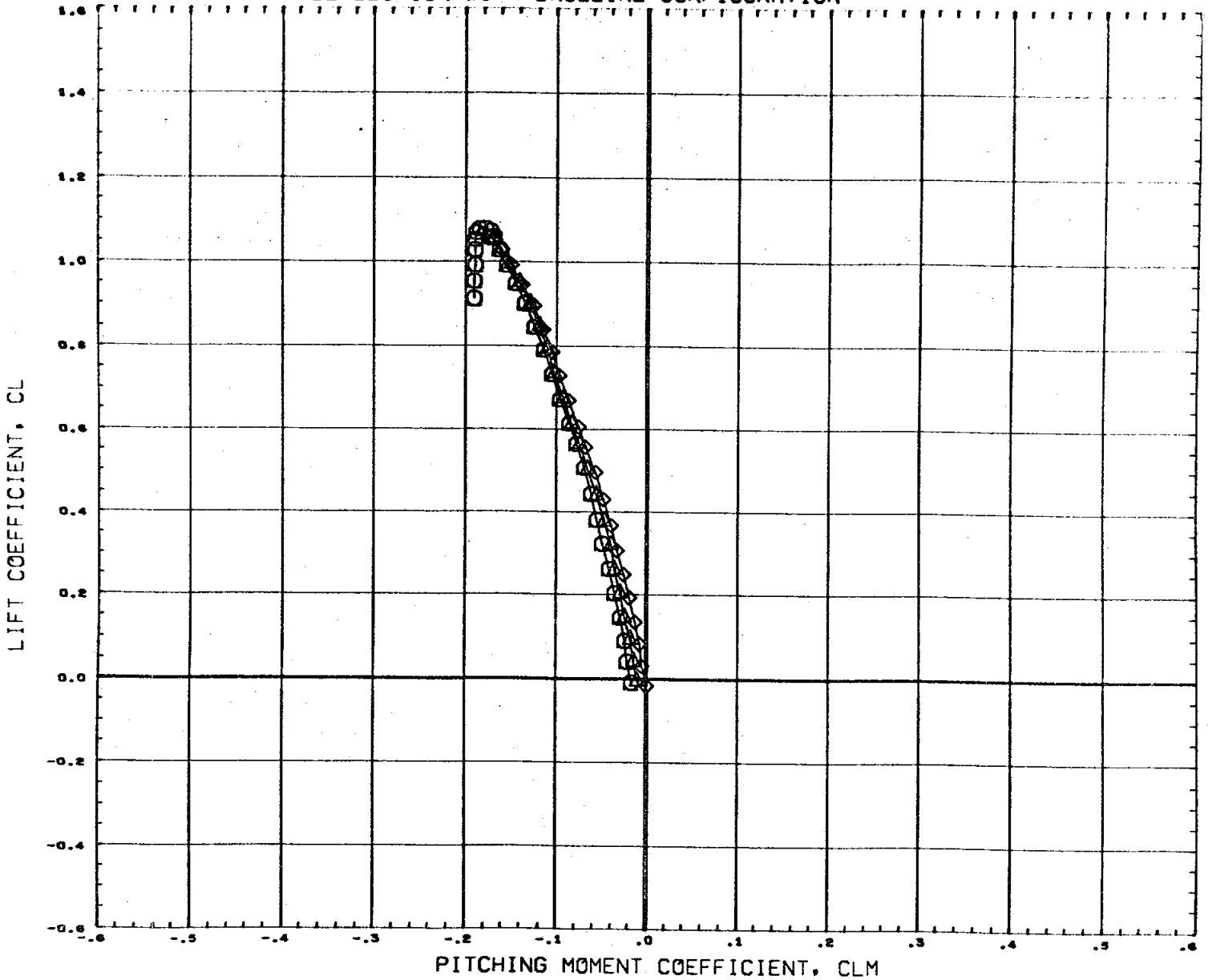
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

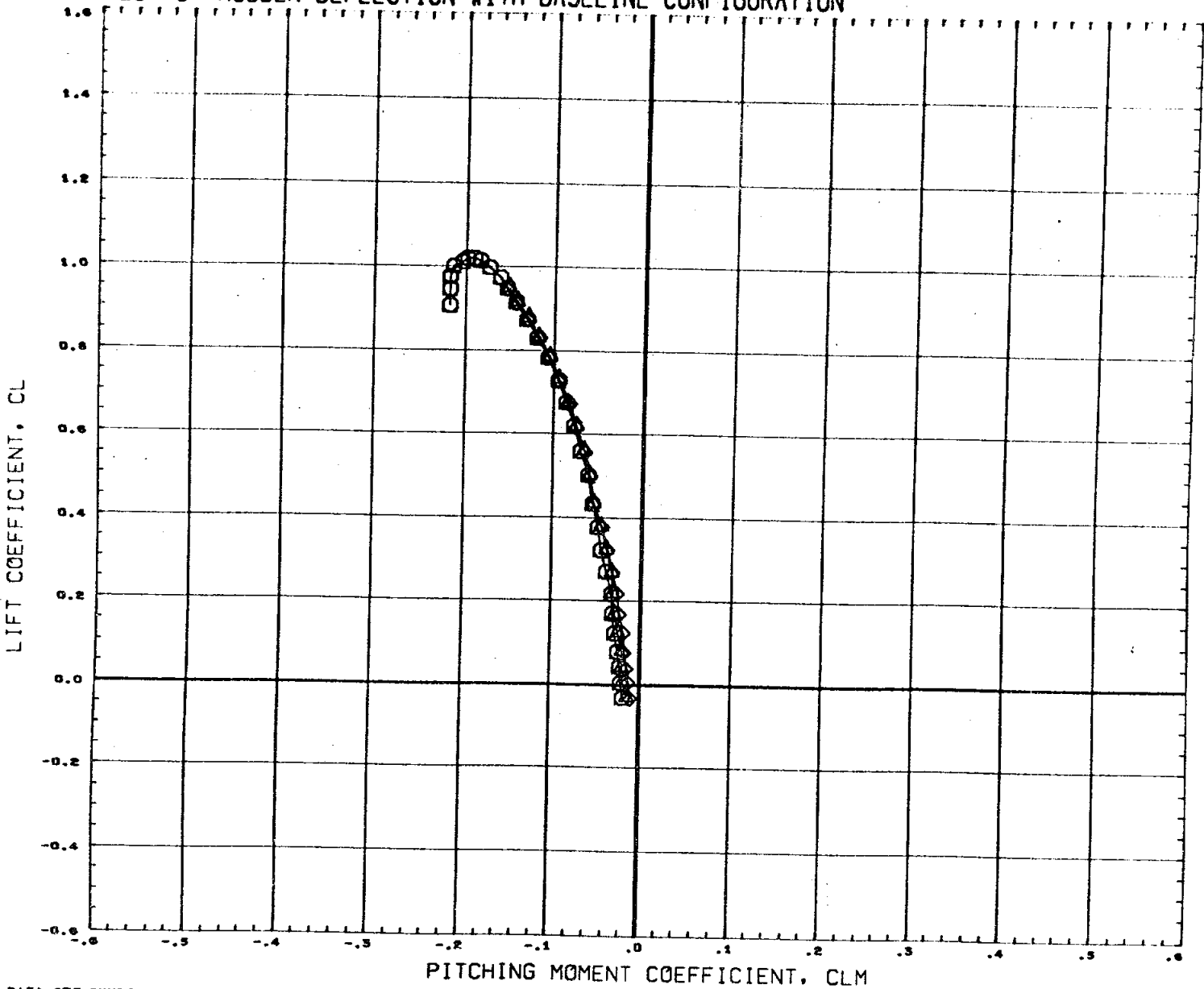


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(C76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	sq. in.
LREF	2.1020	in.
BREF	4.0300	in.
XMRP	3.4330	in.
YMRP	0.0000	in.
ZMRP	0.0000	in.
SCALE	0.0040	

MACH 2.99

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

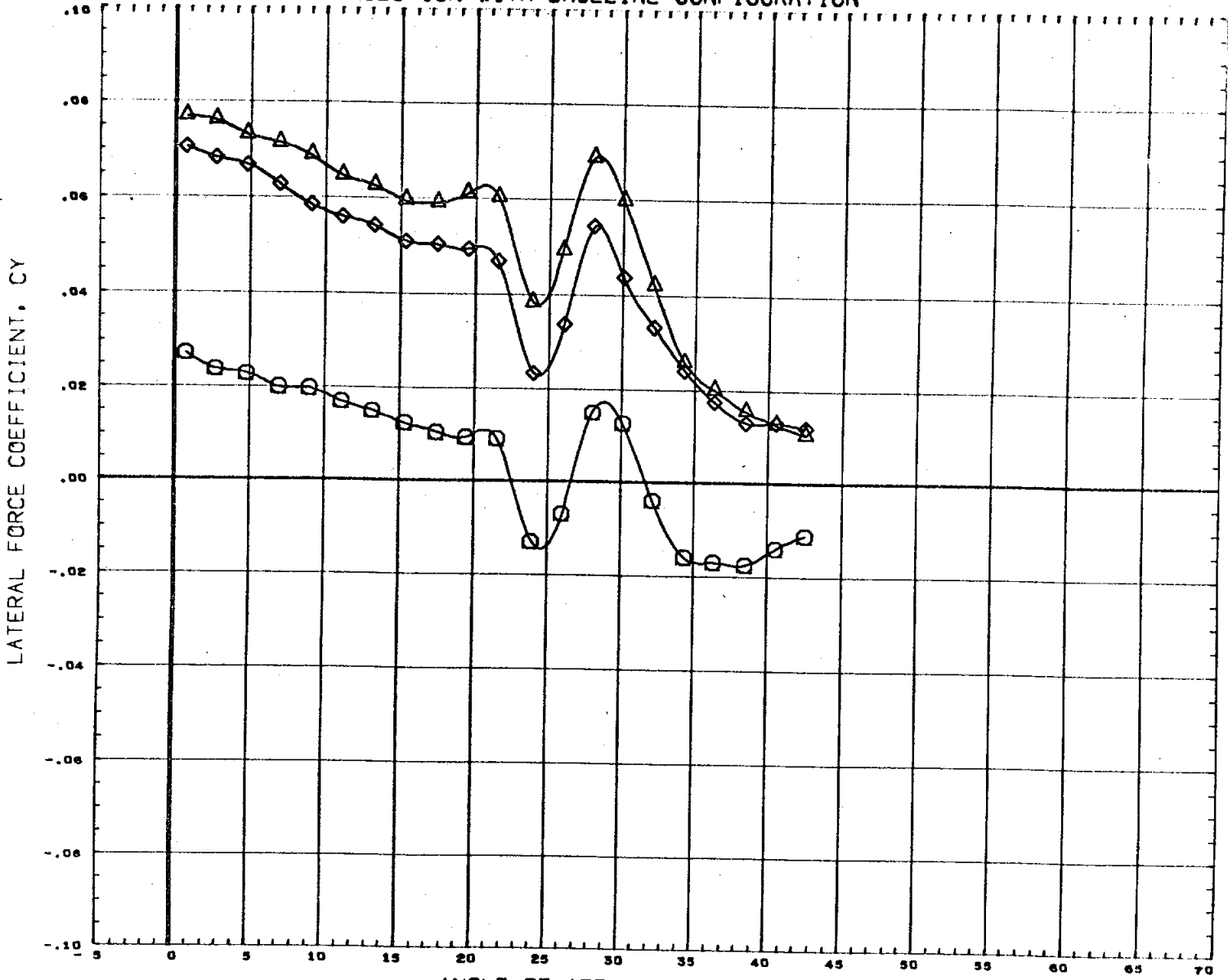


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(C7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(C76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(C76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96



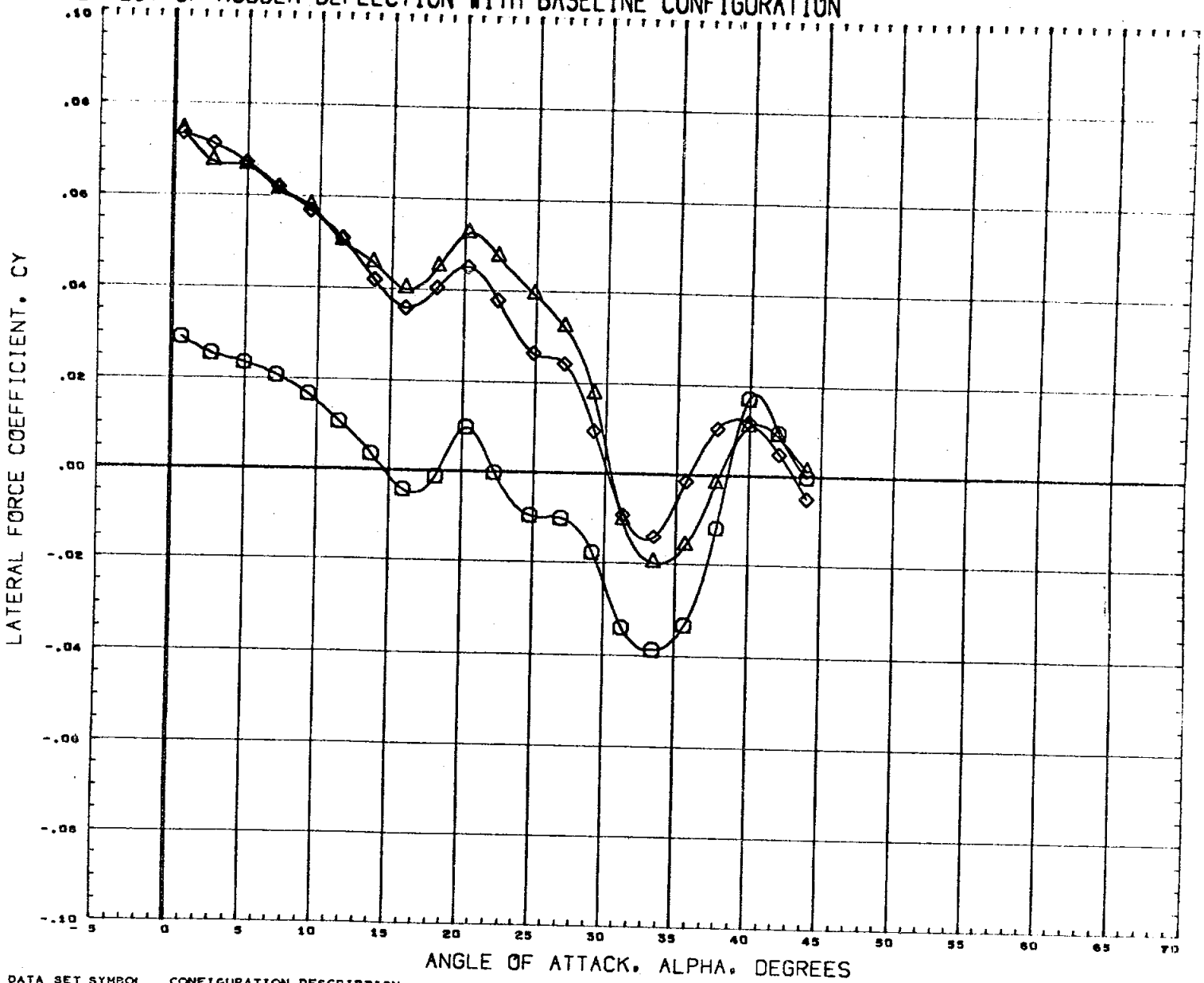
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



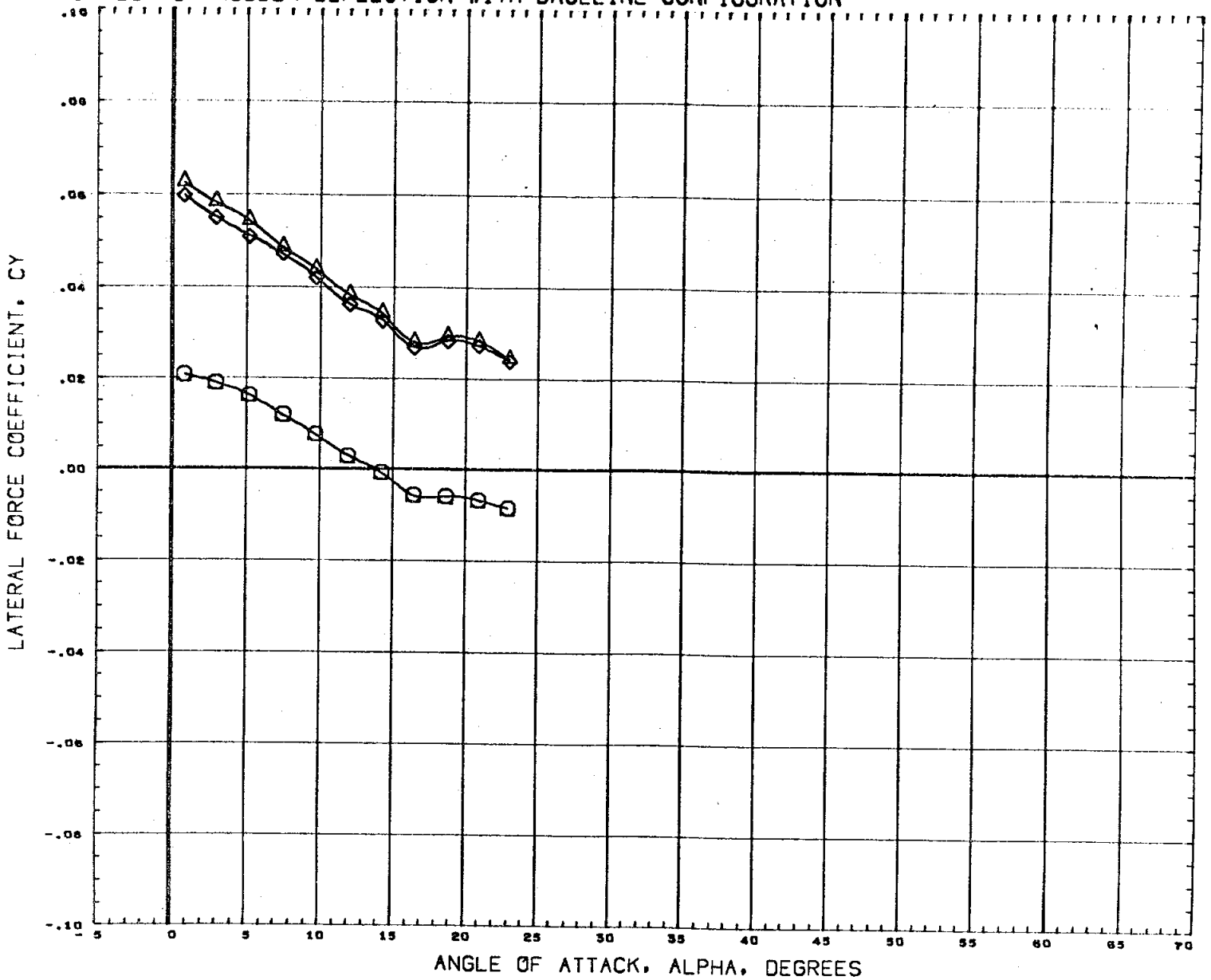
DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76S29)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76S32)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	15.000	10.000
0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .90

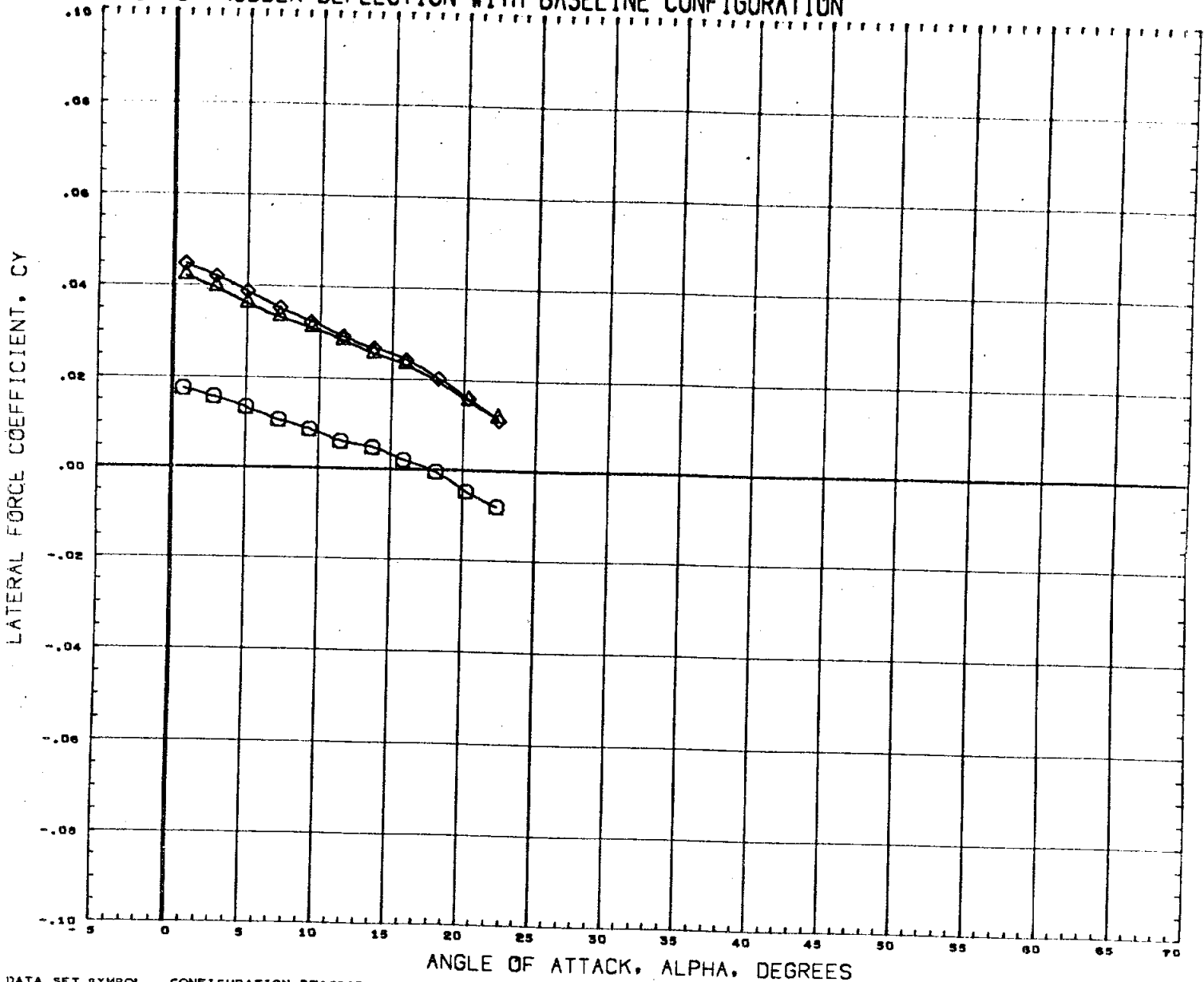
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

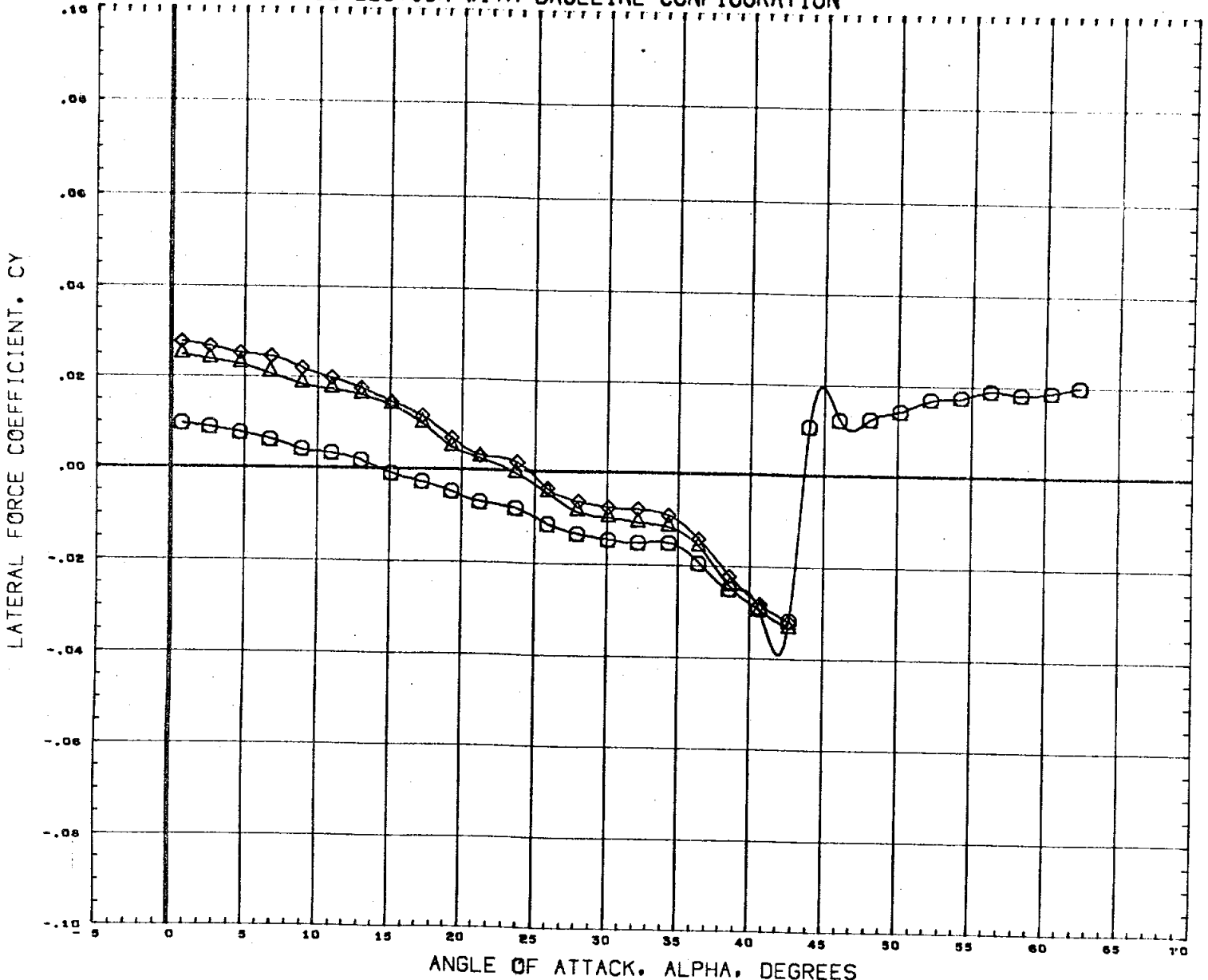


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(A76309)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRF	3.4530 IN.
YMRF	0.0000 IN.
ZMRF	0.0000 IN.
SCALE	0.0040

MACH 1.97

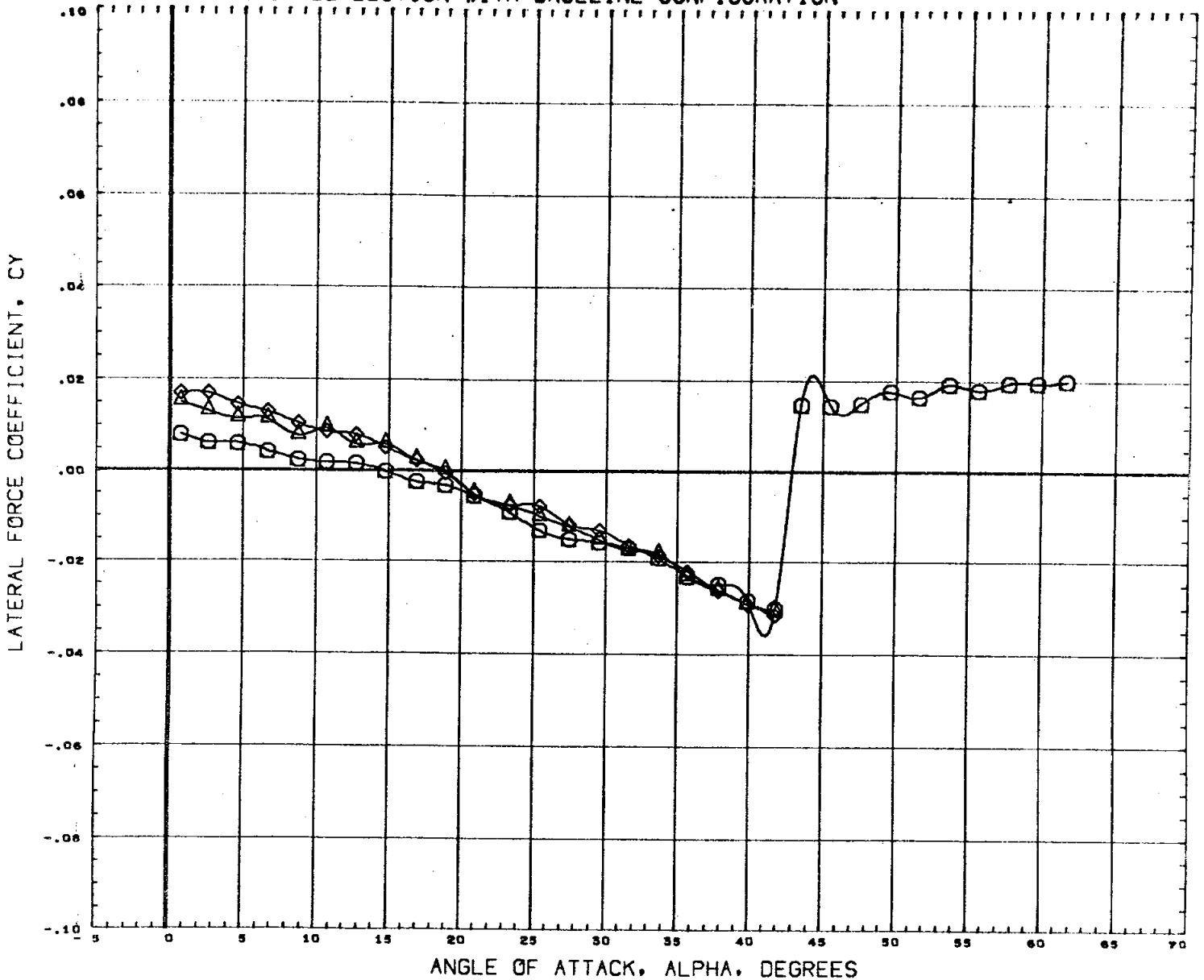
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
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					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

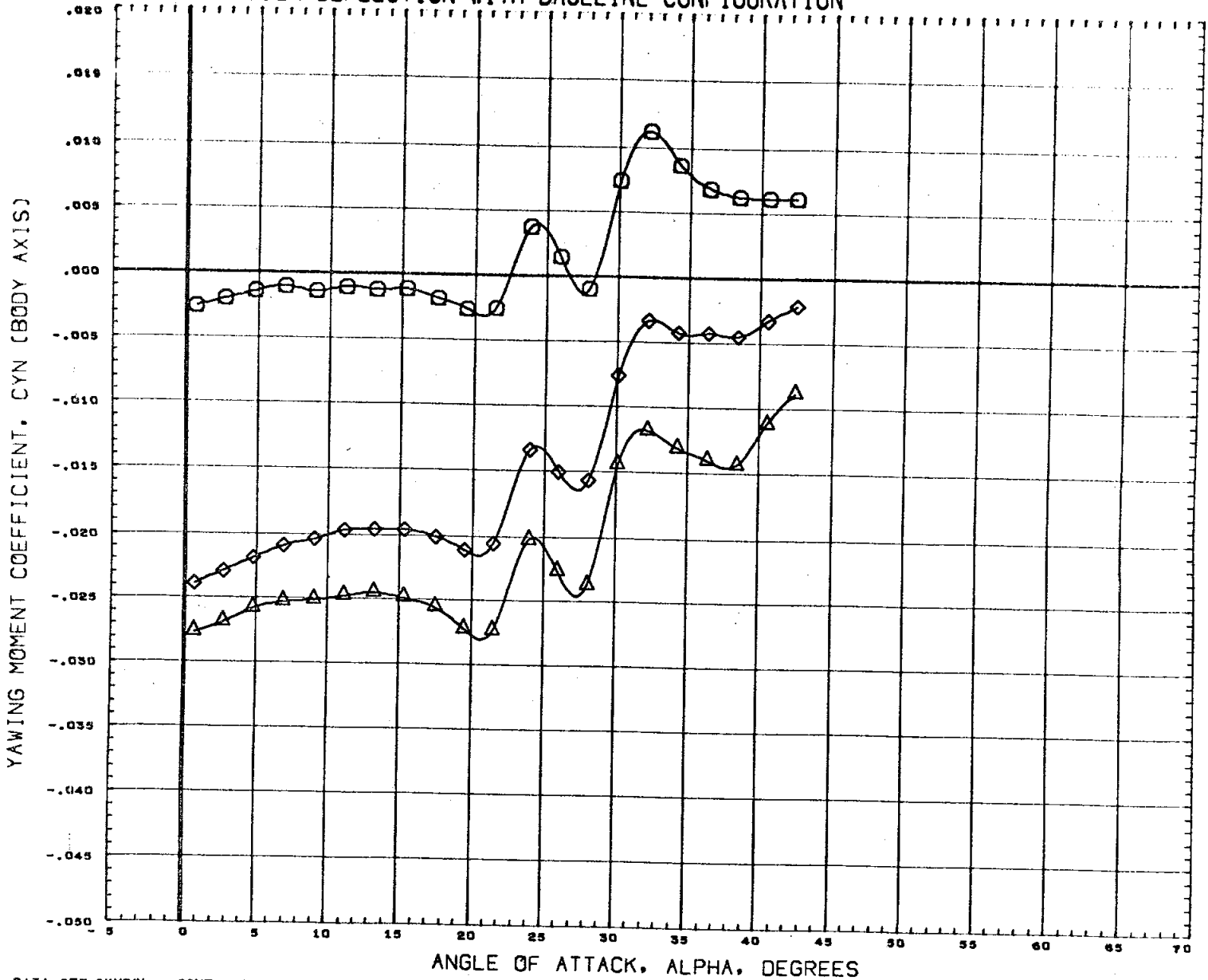
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76526)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

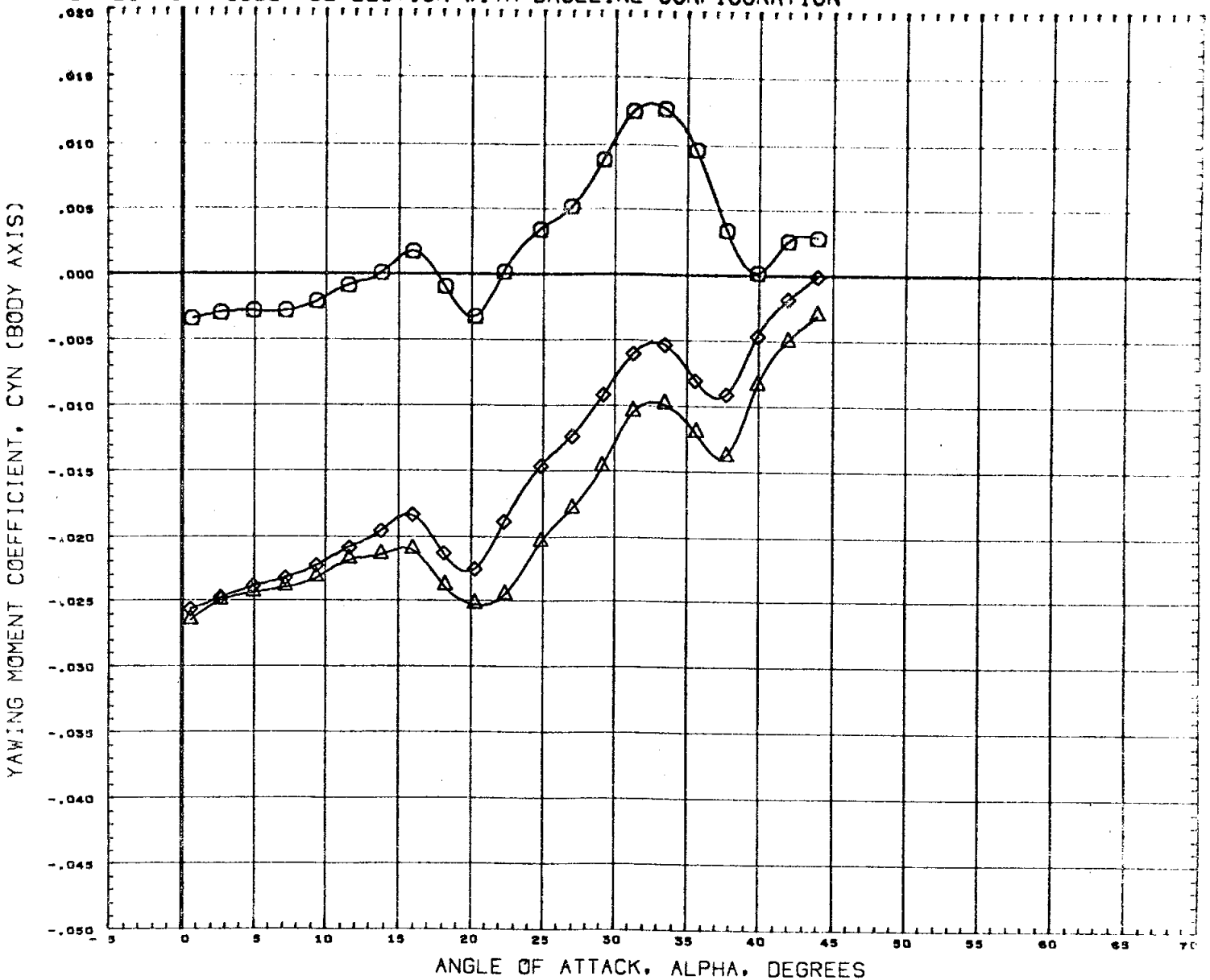
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION	
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF	7.4190 SQ. IN.
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF	2.1020 IN.
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF	4.0300 IN.
					XMRP	3.4530 IN.
					YMRP	0.0000 IN.
					ZMRP	0.0000 IN.
					SCALE	0.0040

MACH .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

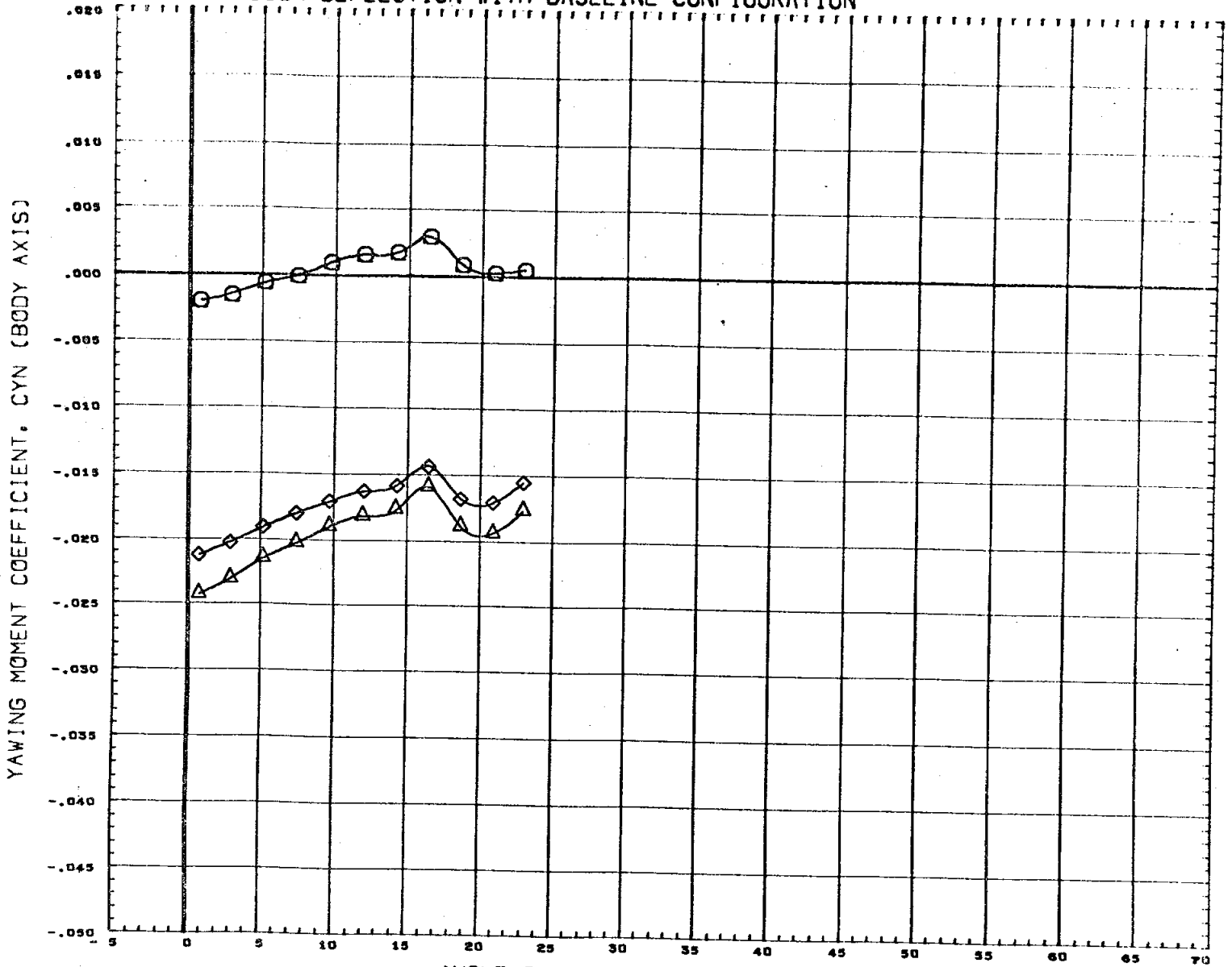


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH .90



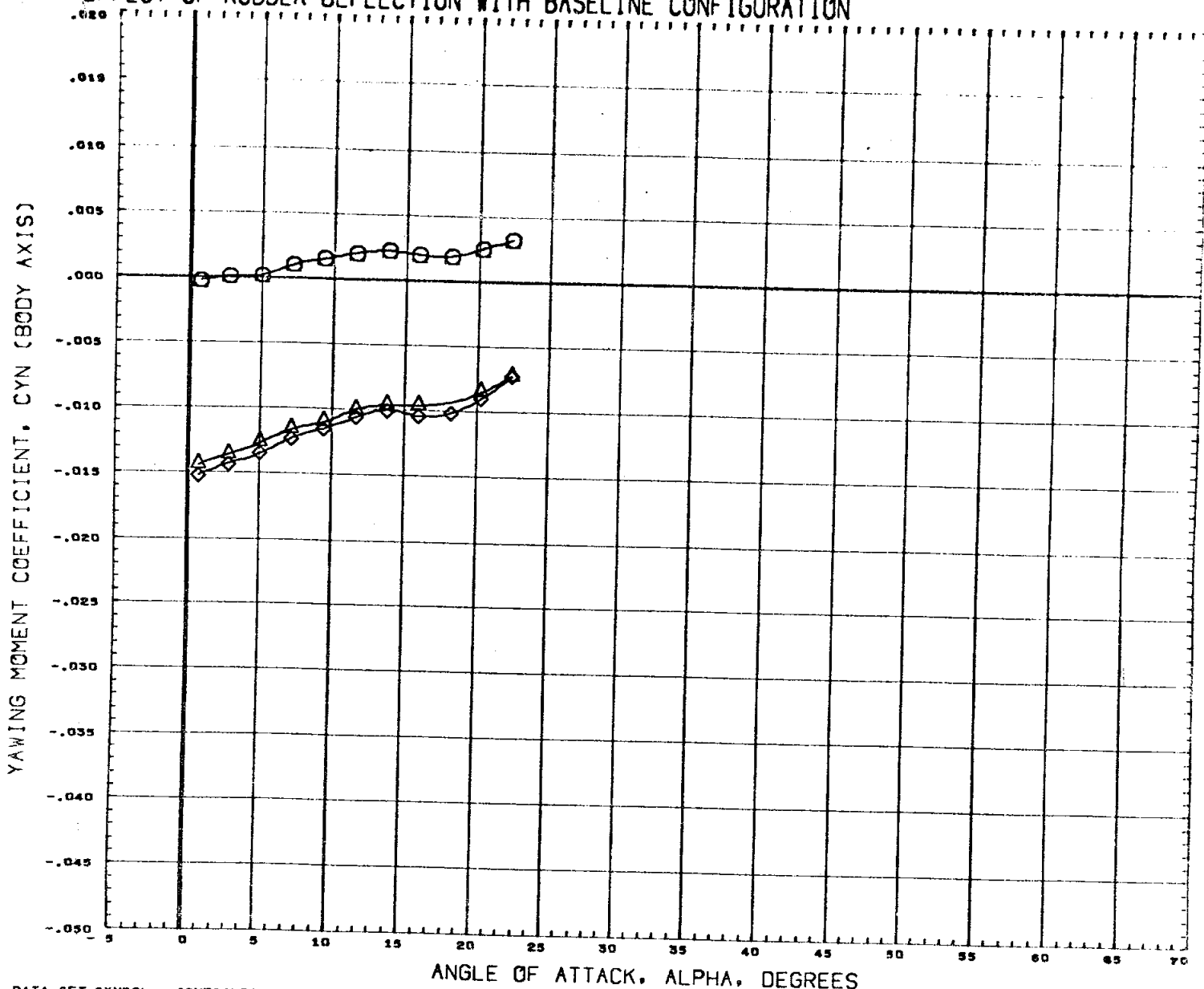
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

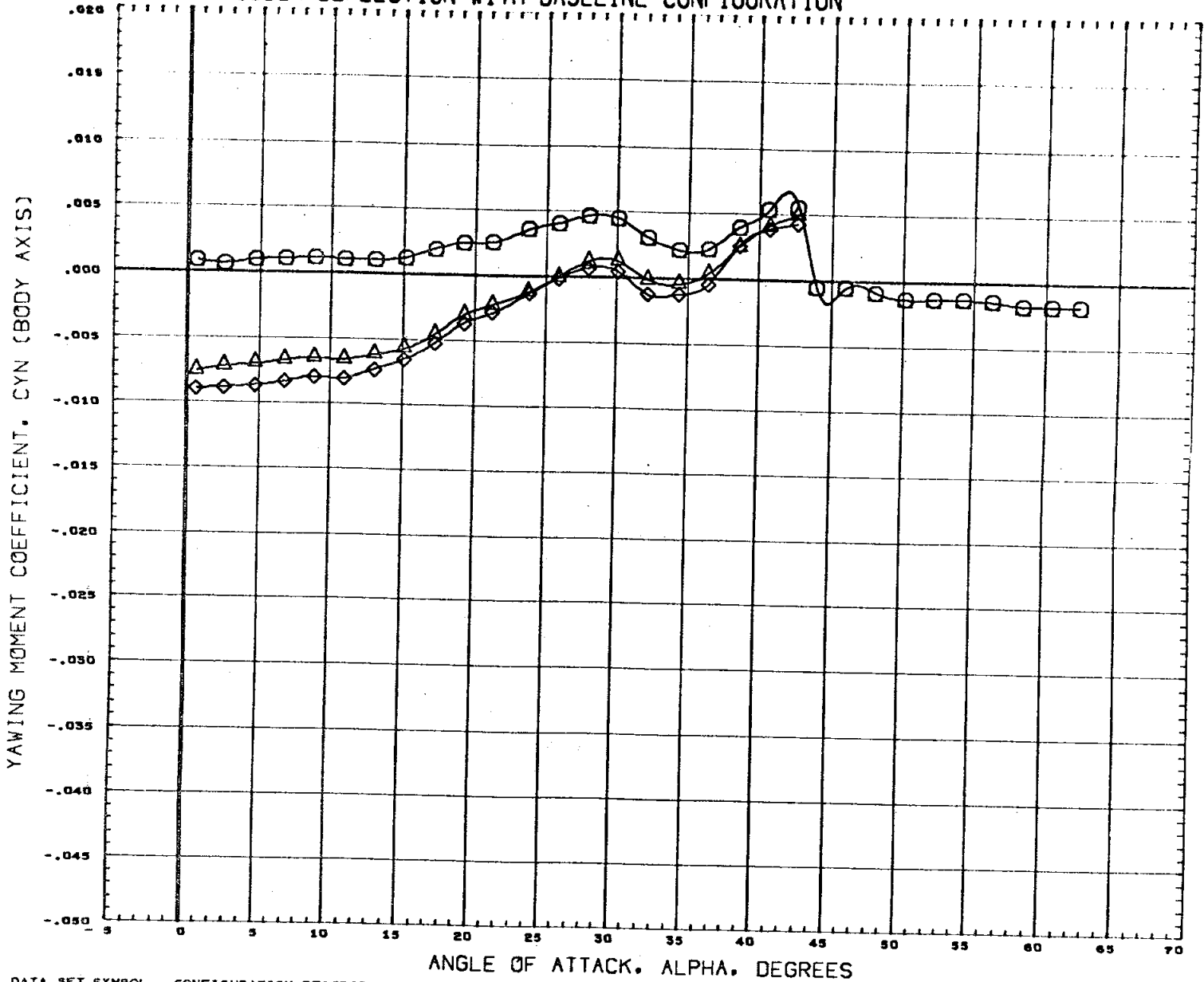


ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 sq. IN.
(A76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 1.97

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



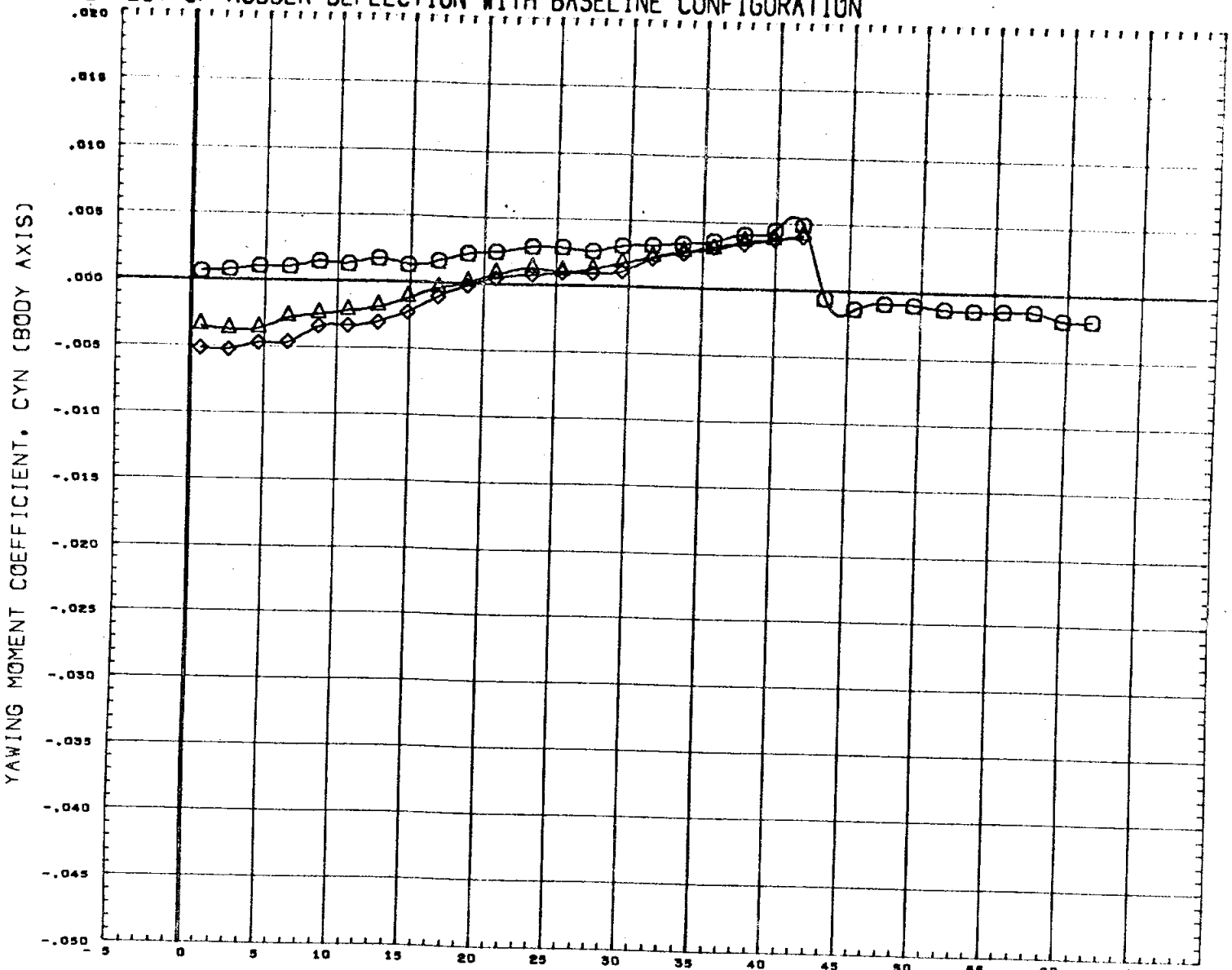
DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76526)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	15.000	10.000
0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 2.99

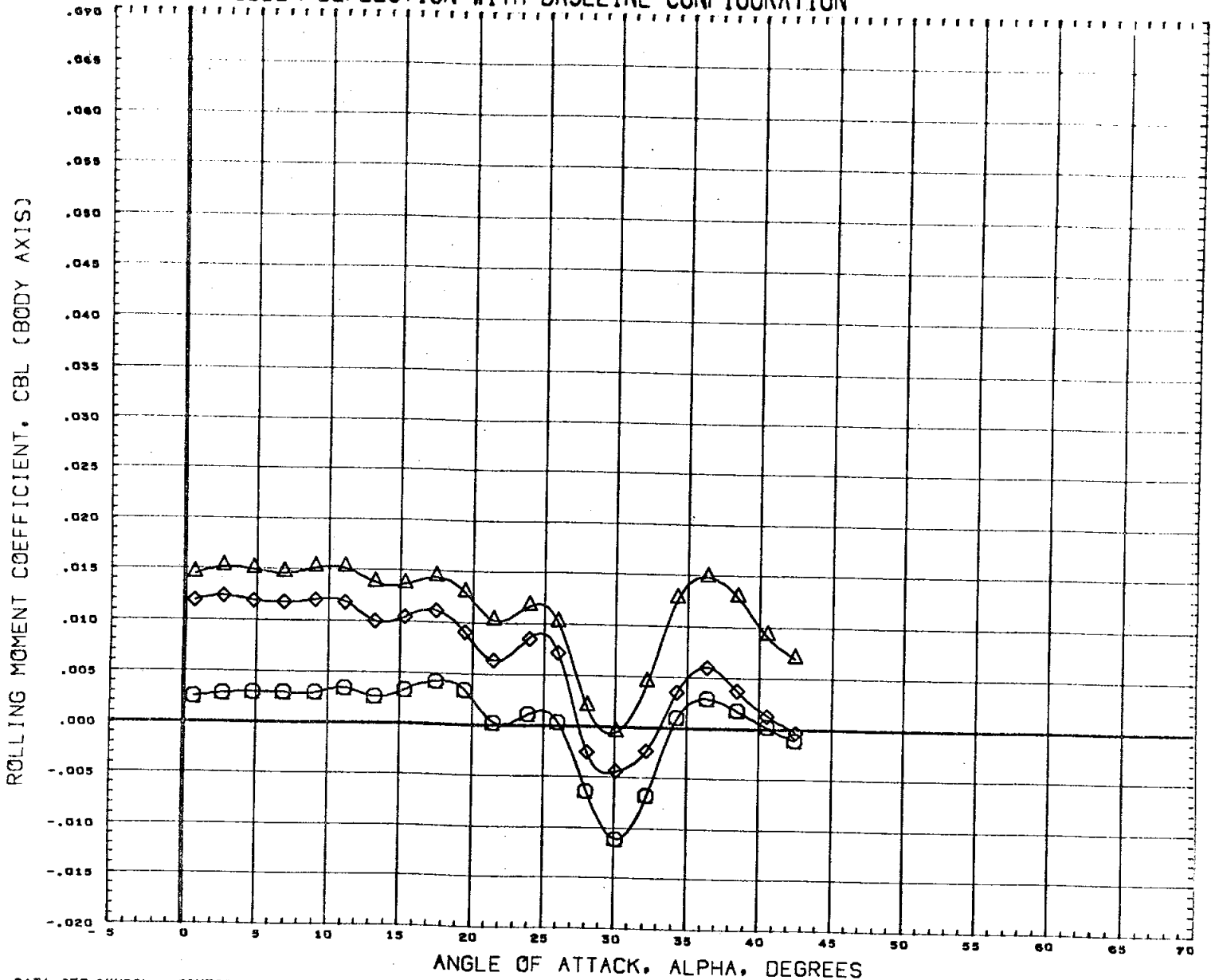
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR	REFERENCE INFORMATION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(A76305)      M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)  
 (A76328)      M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)  
 (A76332)      M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

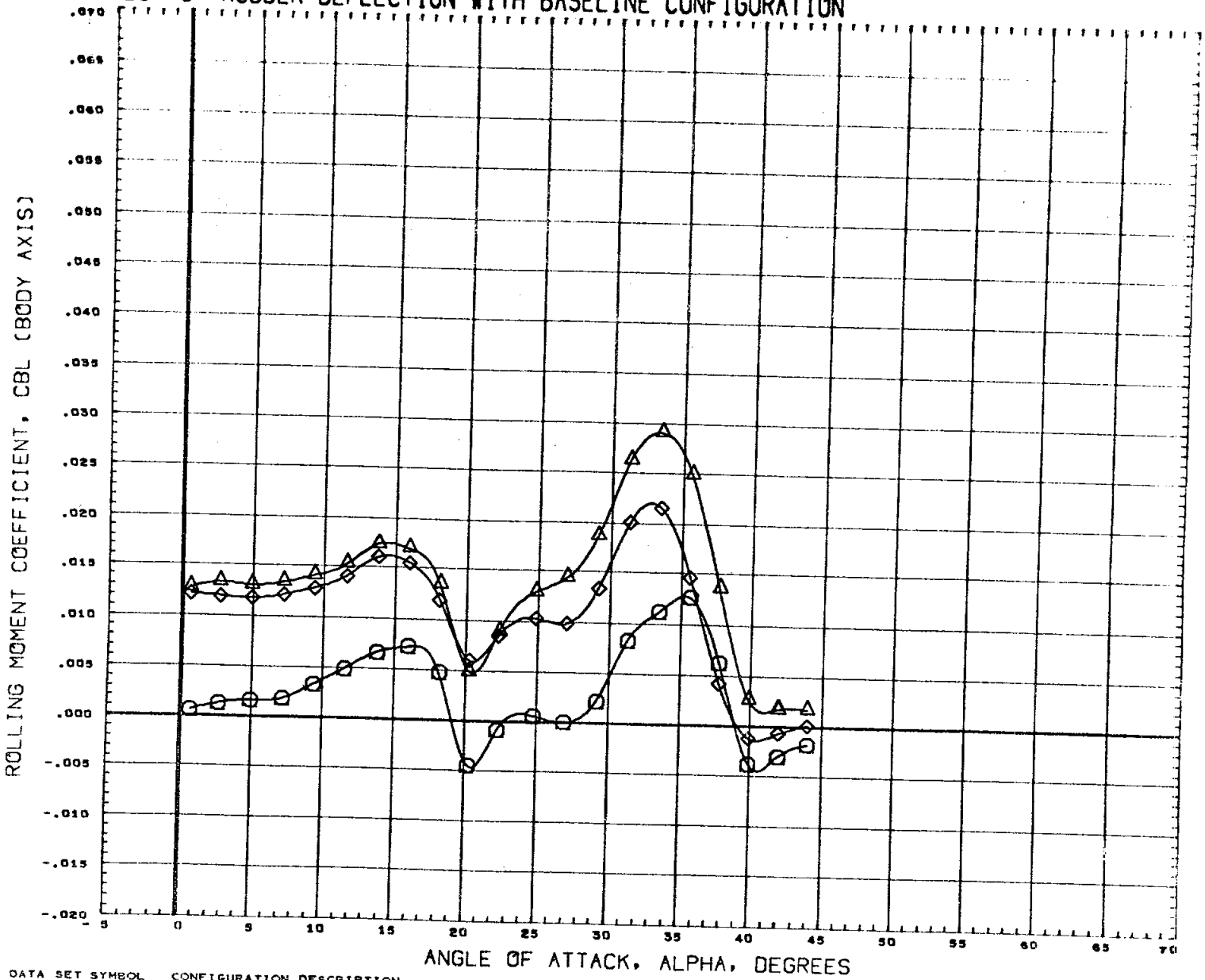
BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	15.000	10.000
0.000	15.000	40.000

REFERENCE INFORMATION

SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRF	3.4530	IN.
YMRF	0.0000	IN.
ZMRF	0.0000	IN.
SCALE	0.0040	

MACH      .59

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(A76305)	○	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76328)	△	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76332)	◇	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

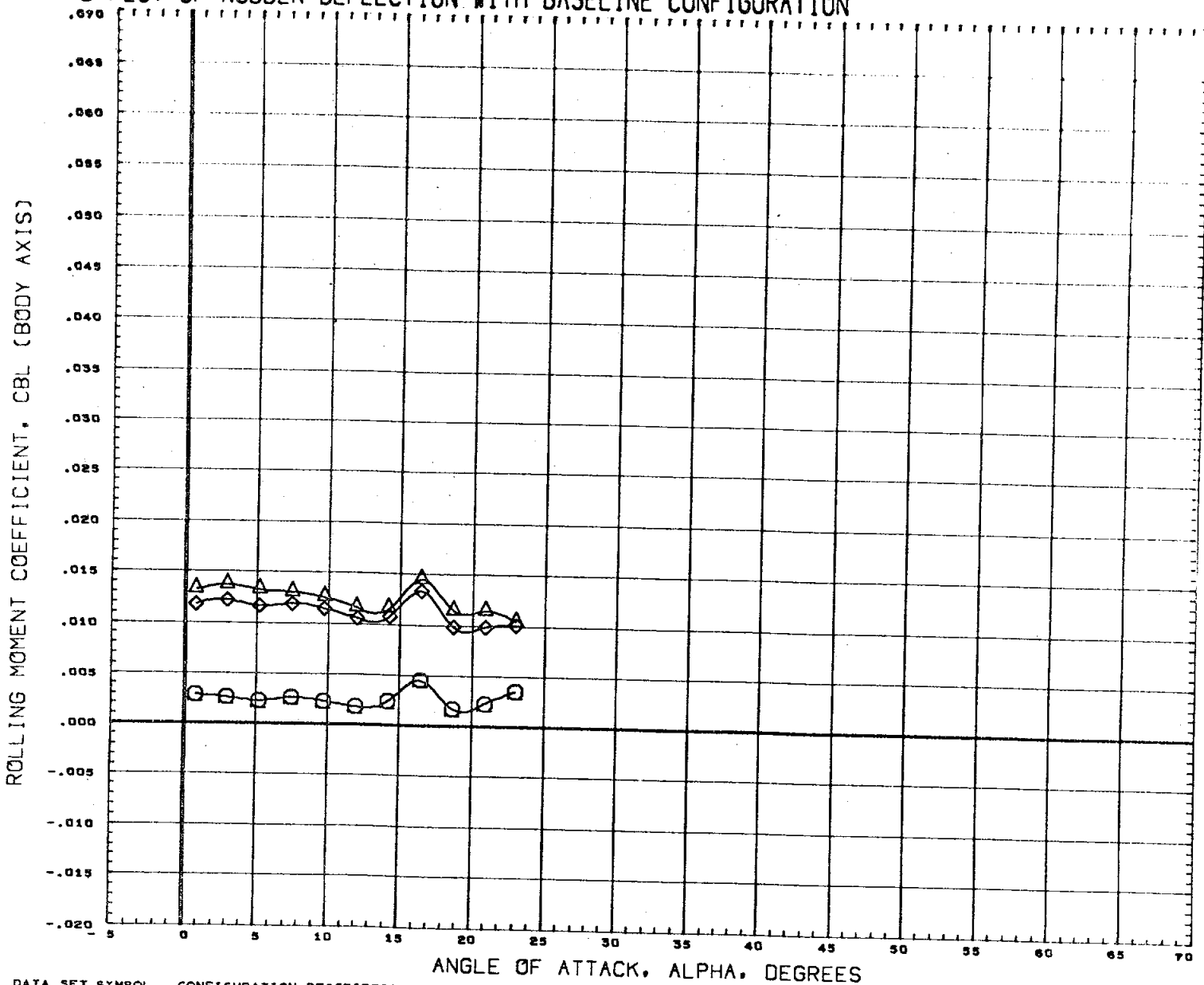
BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	15.000	10.000
0.000	15.000	40.000

REFERENCE INFORMATION

SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .90

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

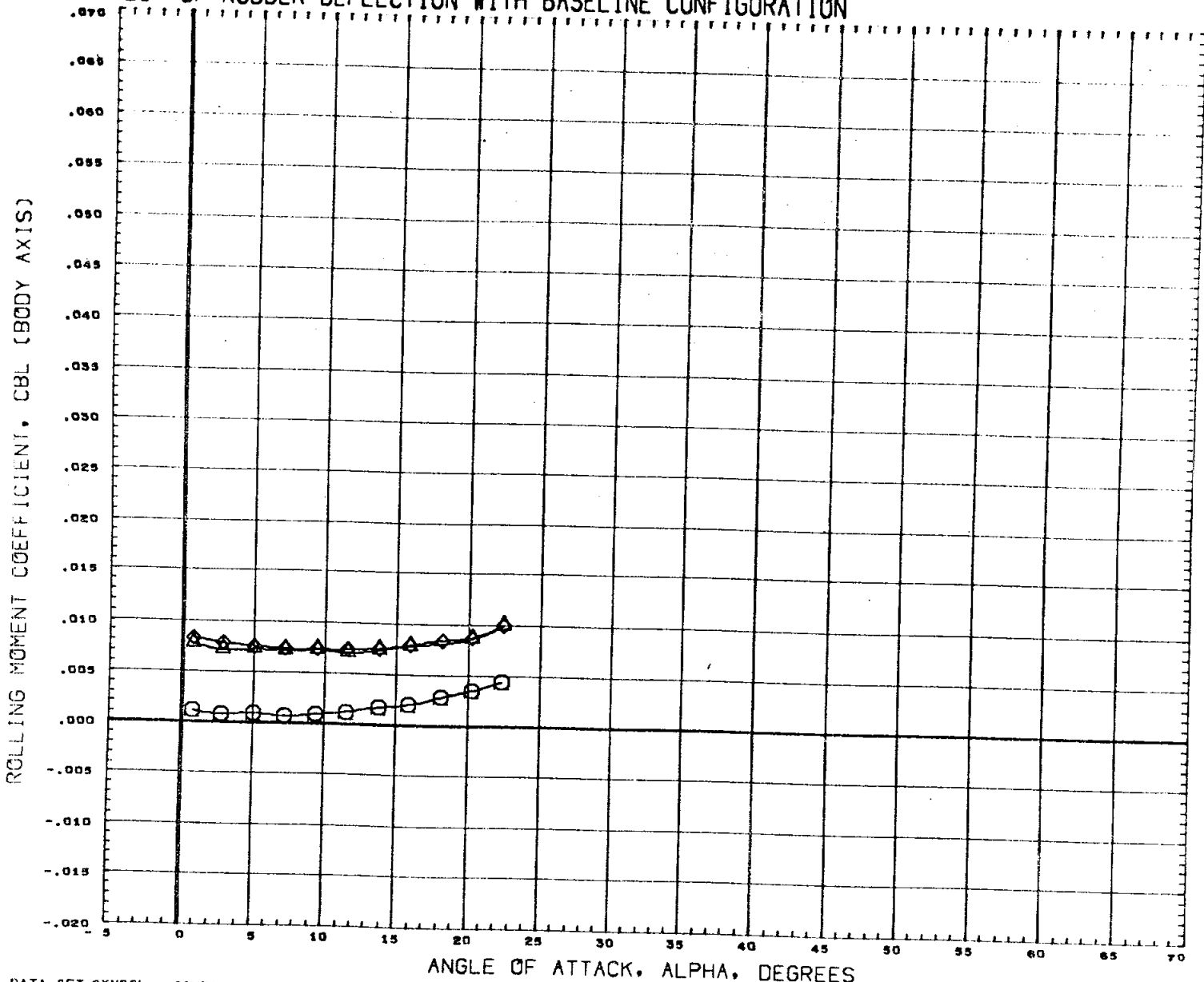


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(A76328)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



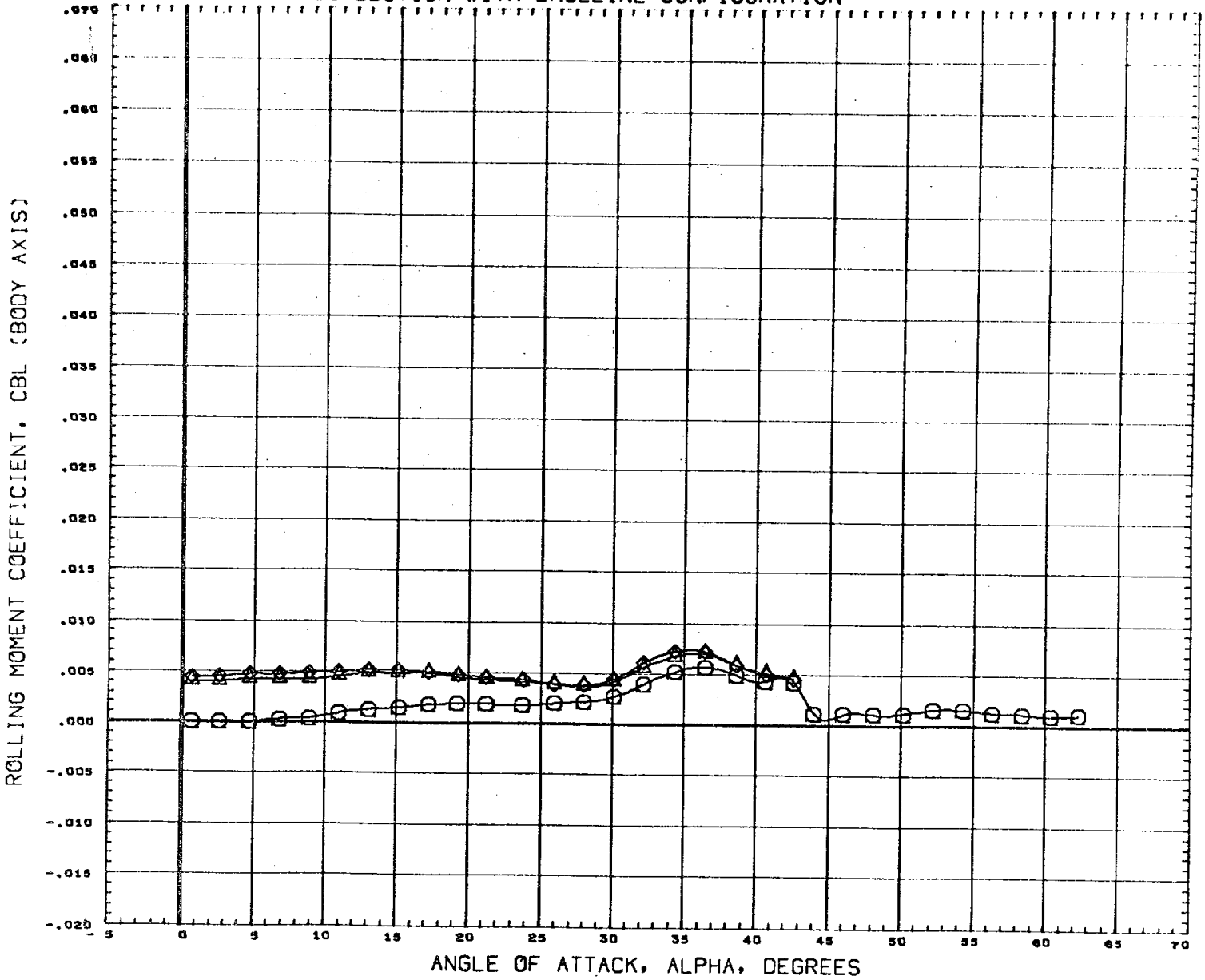
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDFLR
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000
(A76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	sq. in.
LREF	2.1020	in.
BREF	4.0300	in.
XMRP	3.4330	in.
YMRP	0.0000	in.
ZMRP	0.0000	in.
SCALE	0.0040	

MACH 1.97



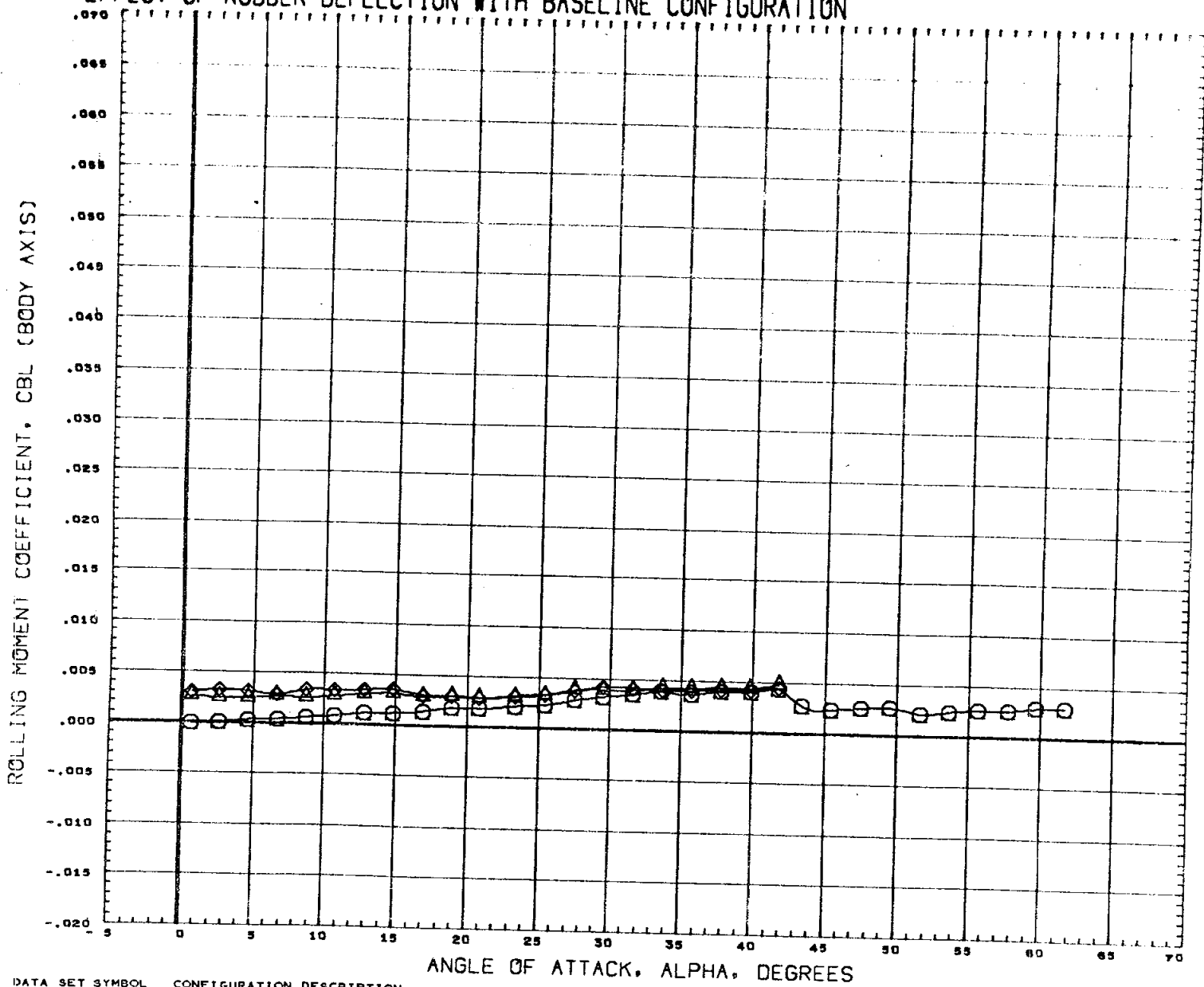
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RUDDER	RUDDFLR	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76528)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	10.000	LREF 2.1020 IN.
(A76532)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	15.000	40.000	BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



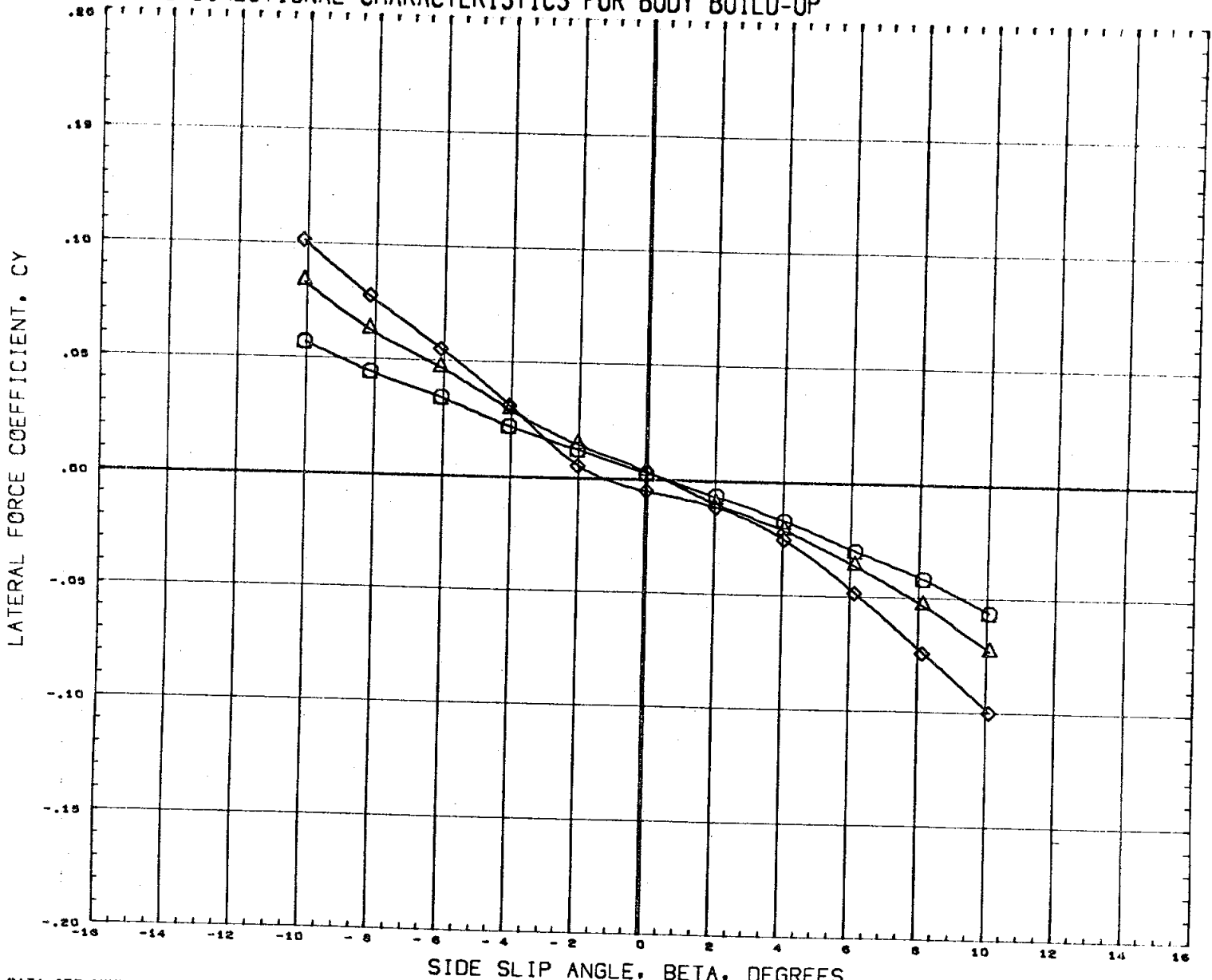
DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(A7630S)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)
(A76332)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

BETA	RUDDER	RUDFLR
0.000	0.000	10.000
0.000	15.000	10.000
0.000	15.000	40.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 4.96

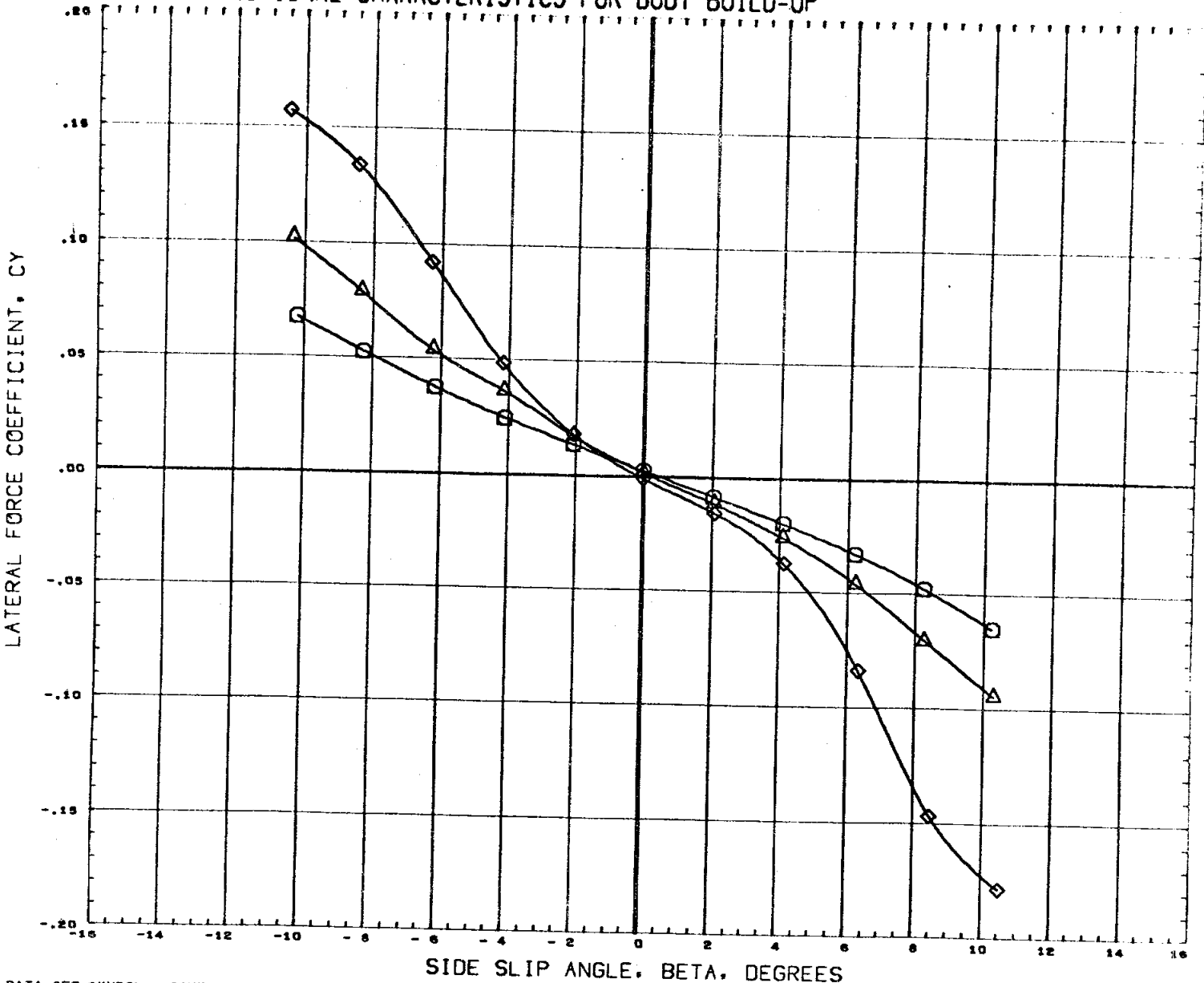
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
	DATA NOT AVAILABLE FOR ALL CONDITIONS					ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .59

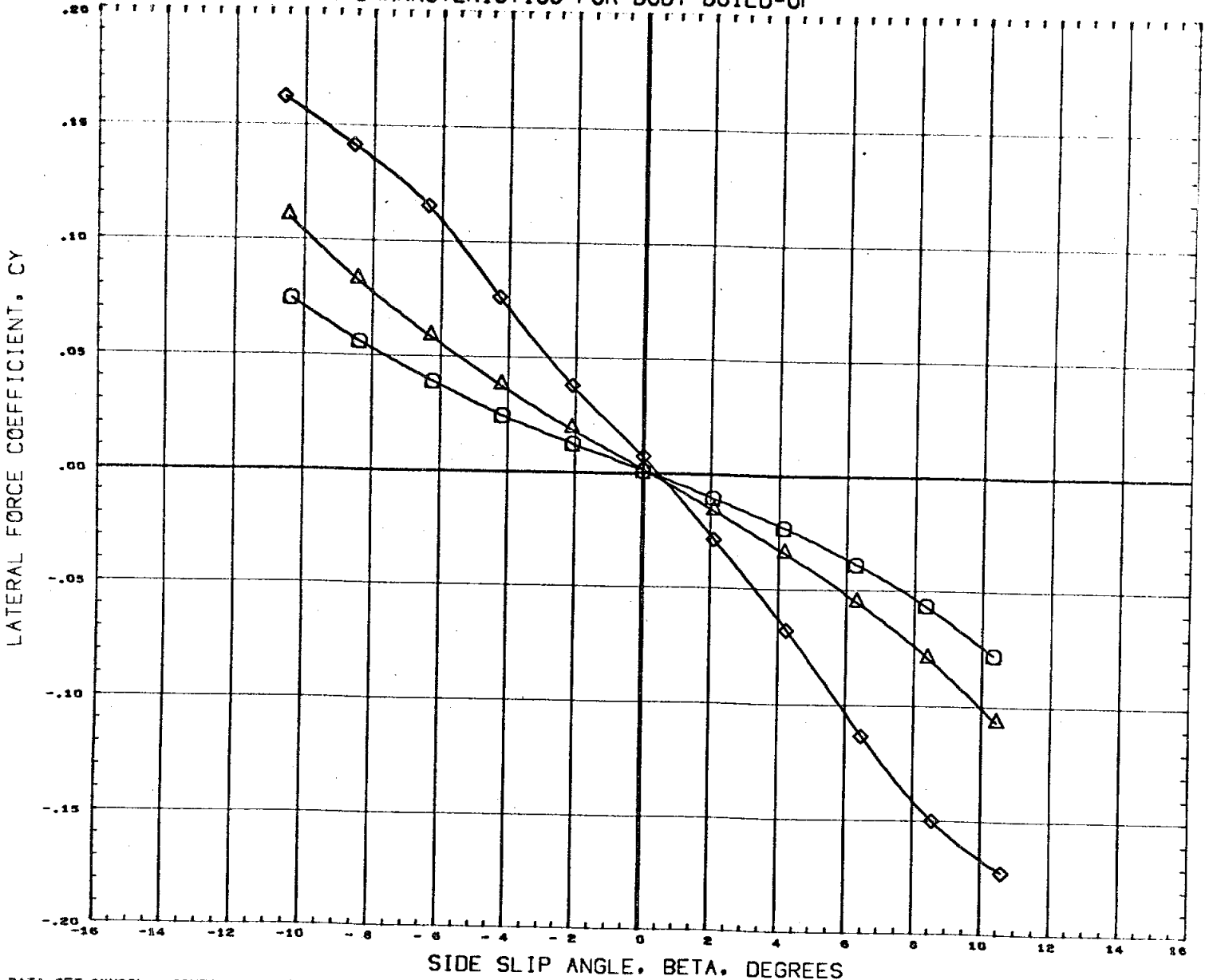
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

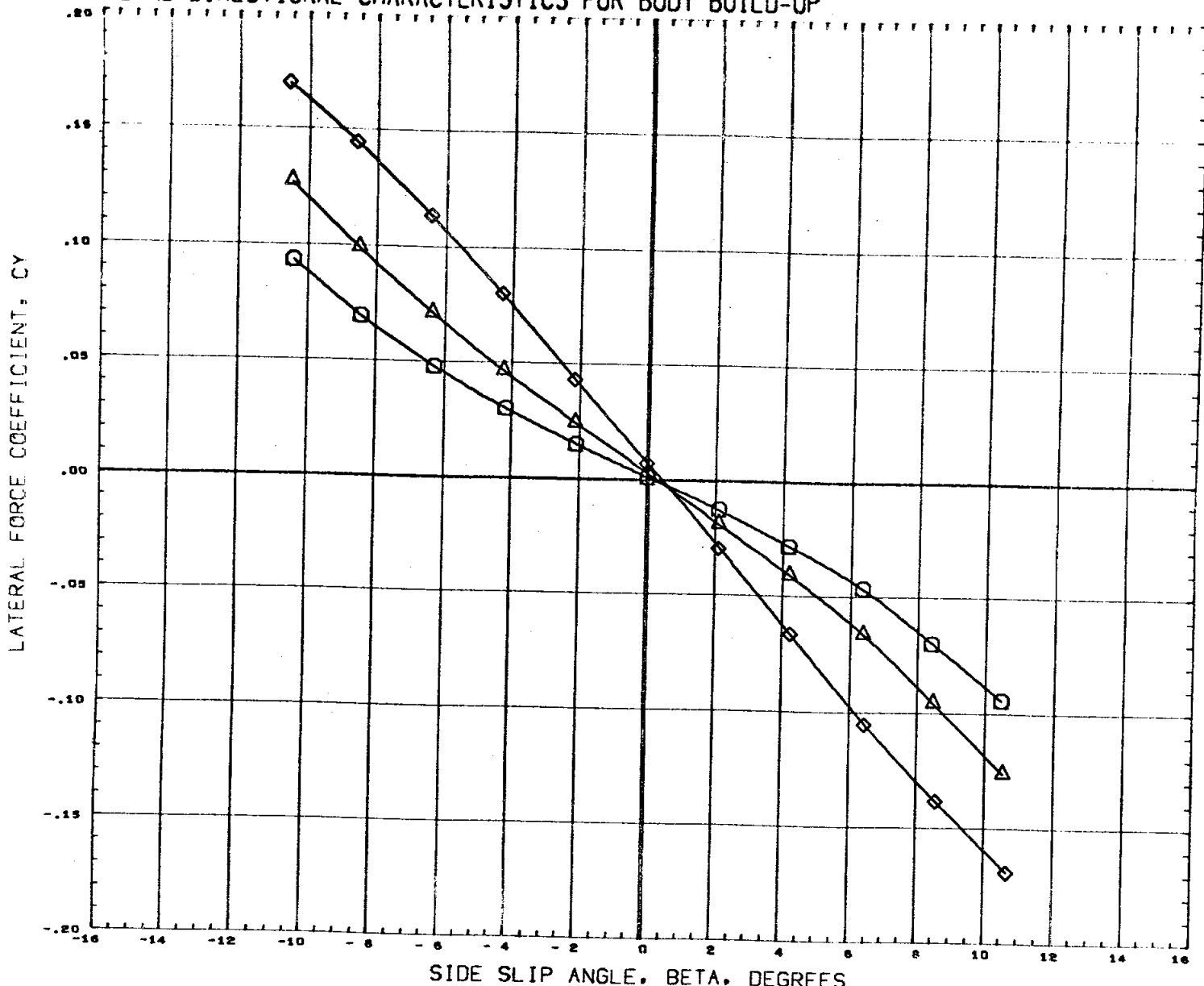
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0046

MACH 1.20

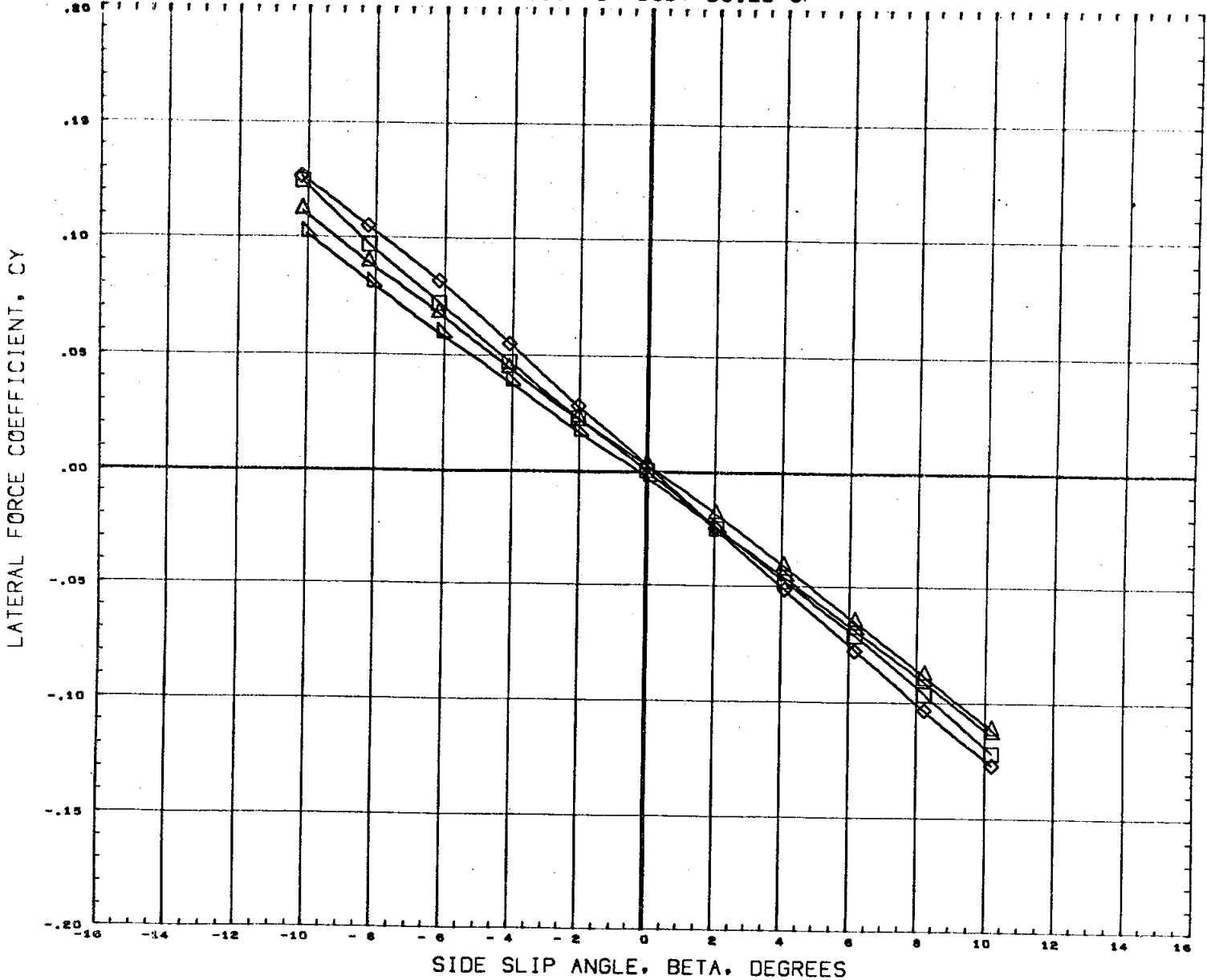
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
A76104	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
A76105	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
A76106	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
A76107	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4330 IN.
A76108	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.96

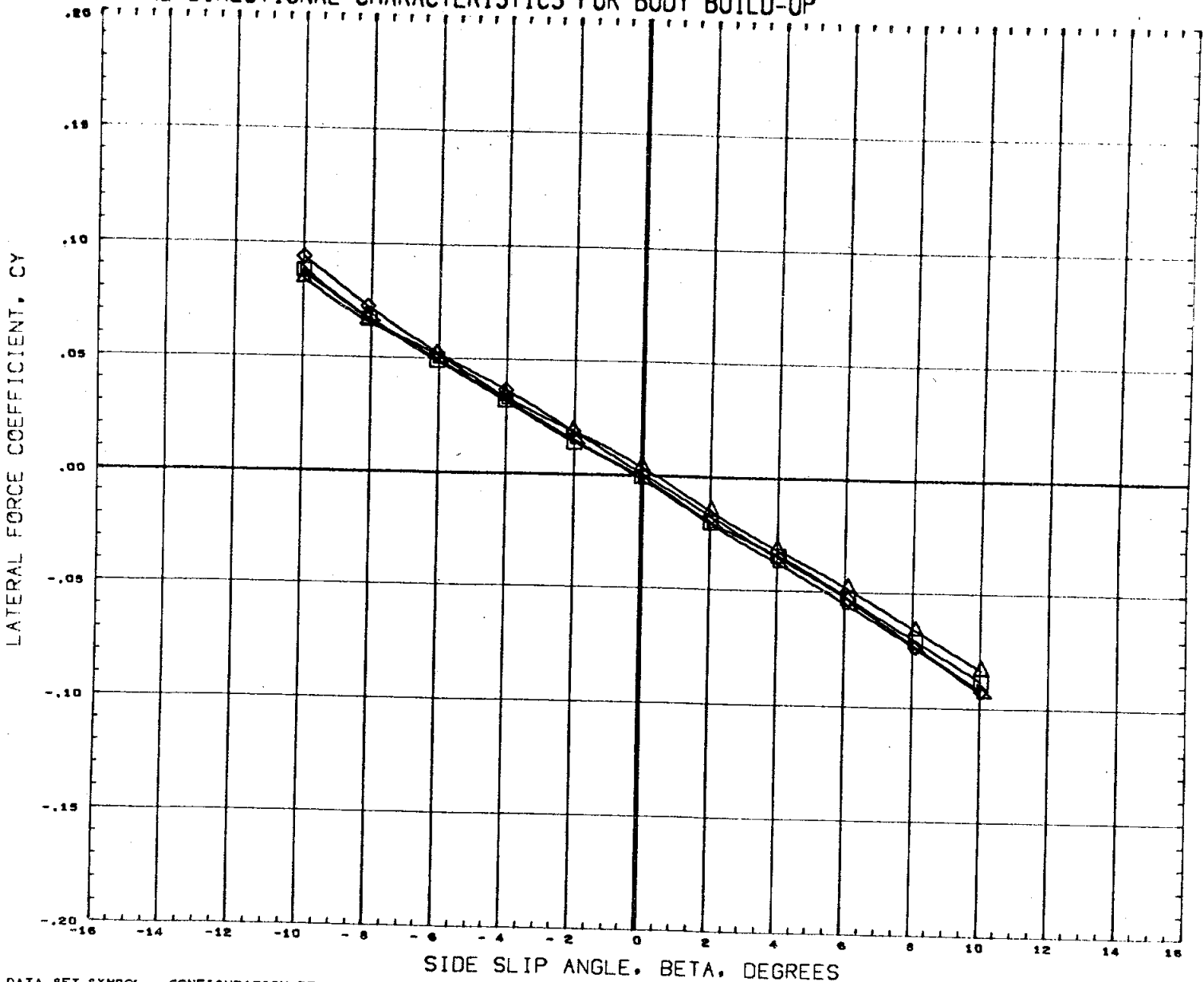
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XMRP 3.4530 IN.
(A76108)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

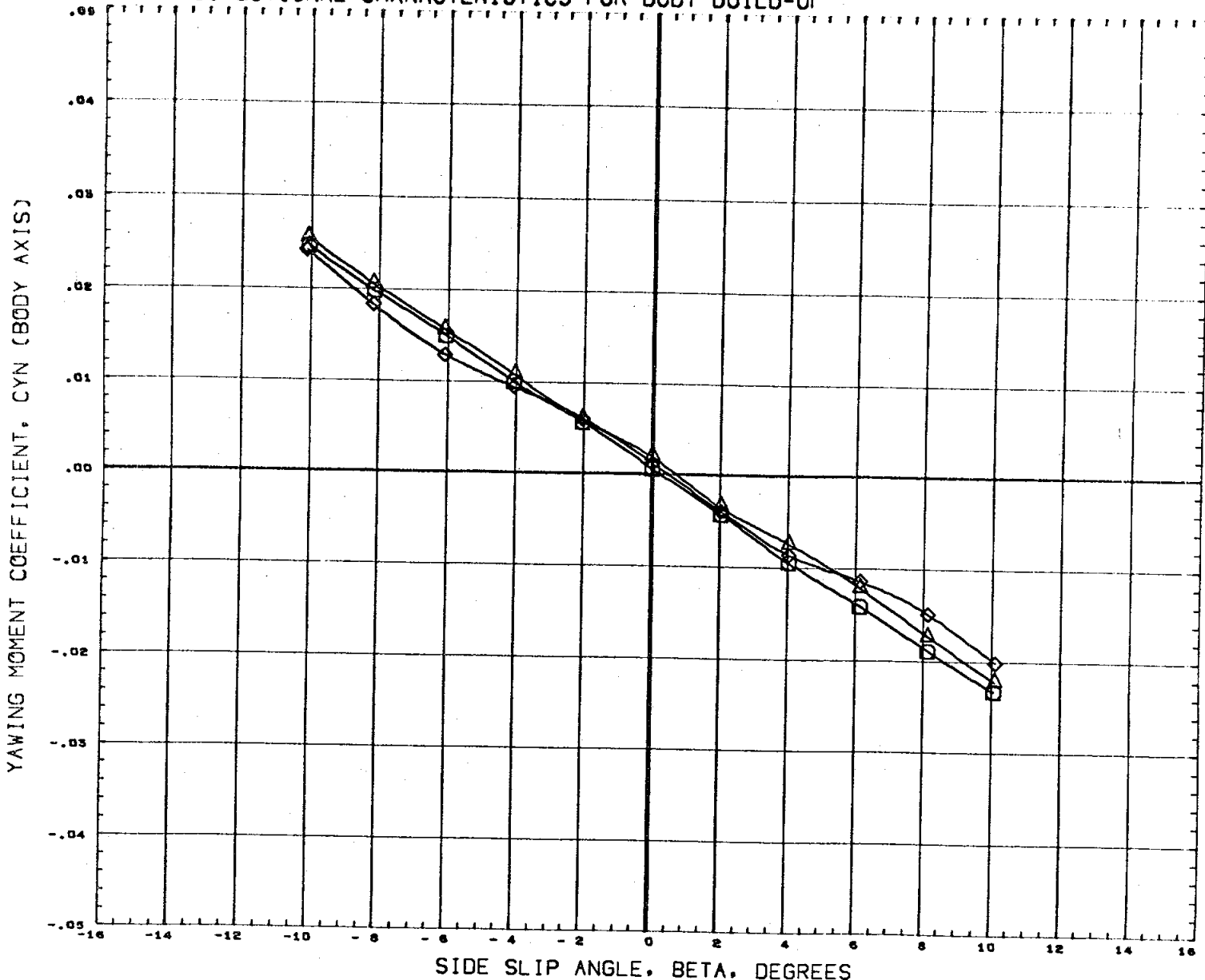


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000				
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				SREF 7.4190 SQ. IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				LREF 2.1020 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				BREF 4.0300 IN.
(A76108)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	50.000				XMRP 3.4530 IN.
						YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 4.96



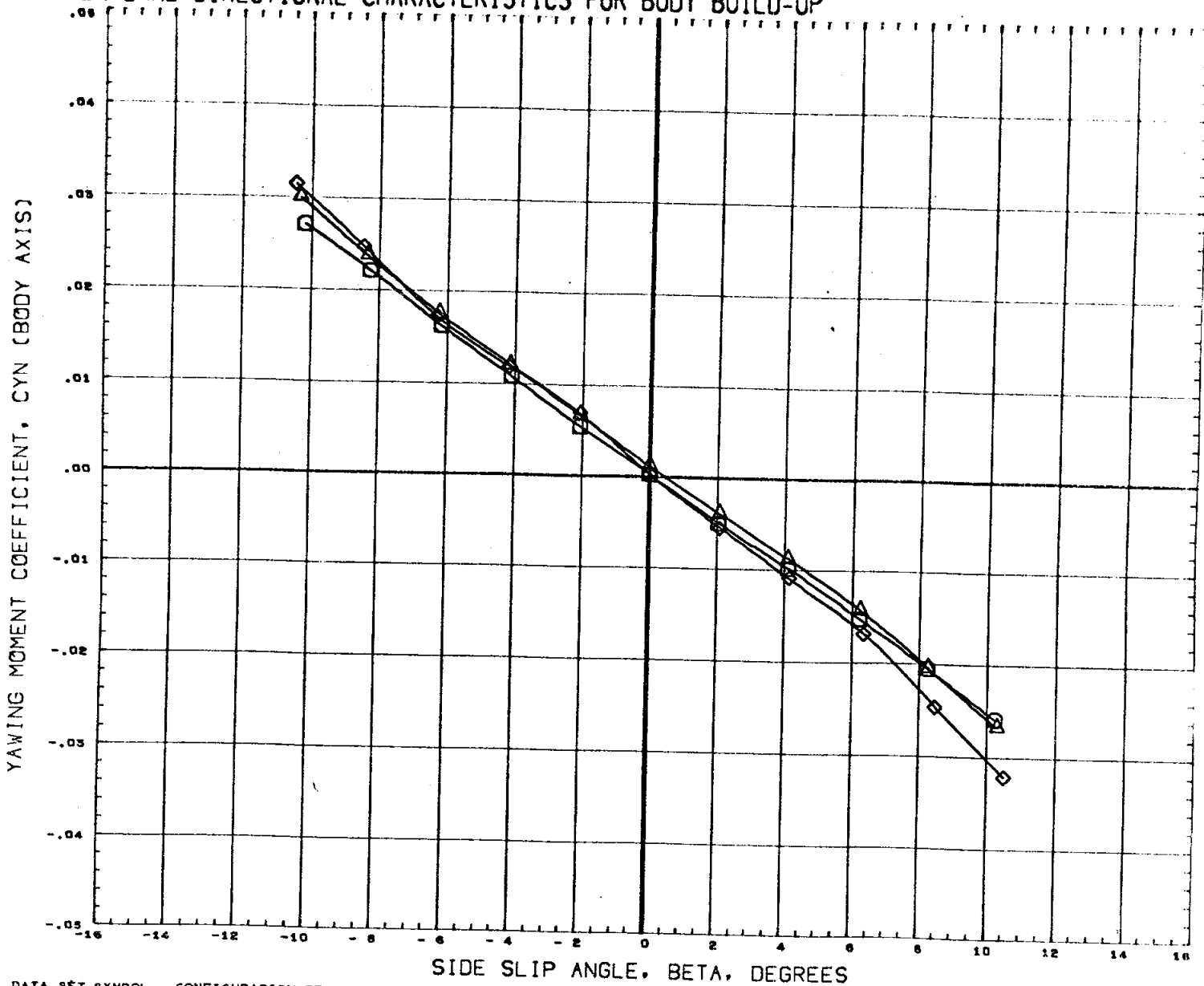
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4330 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
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						SCALE 0.0040

MACH .59

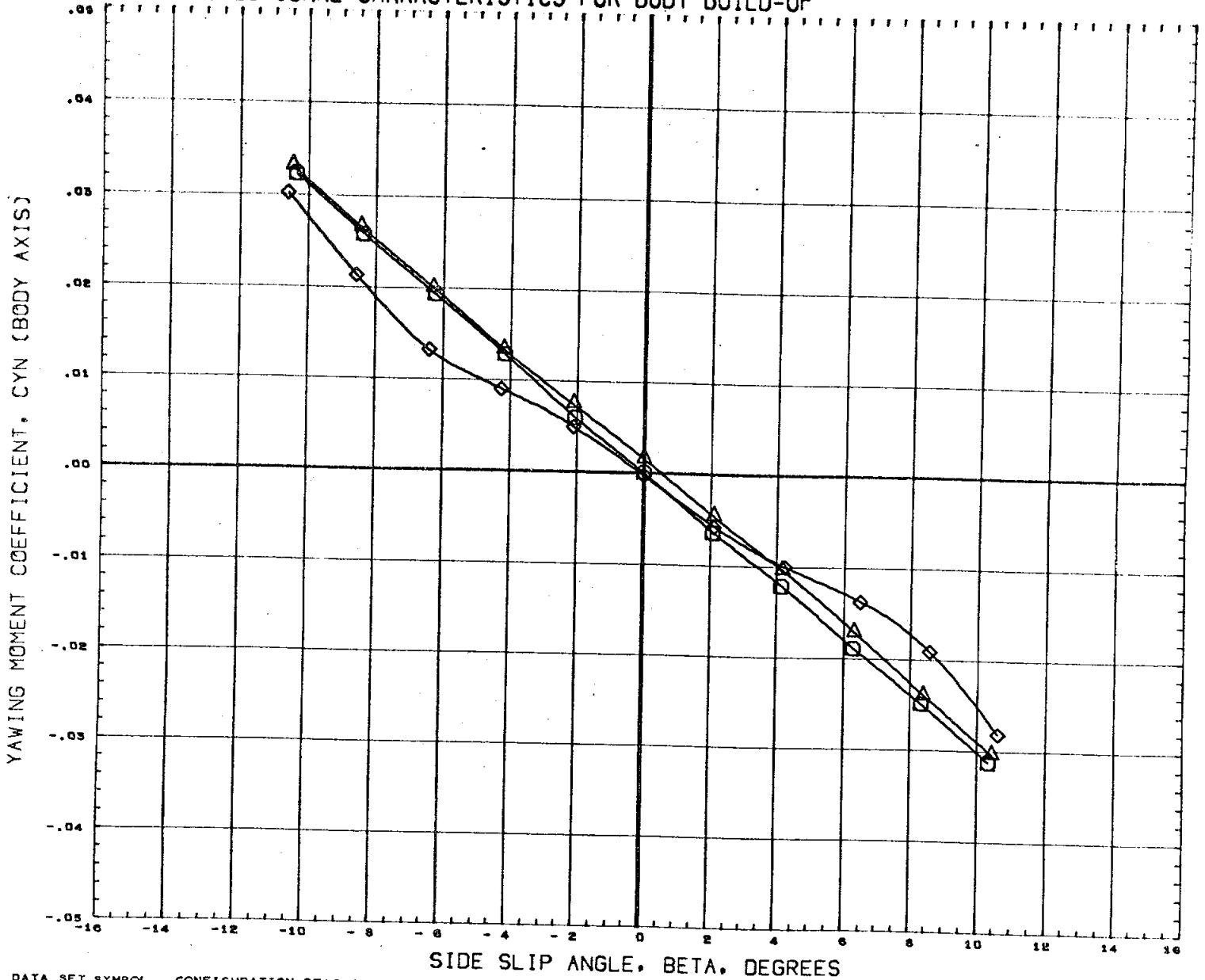
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0500 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
	DATA NOT AVAILABLE FOR ALL CONDITIONS					ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

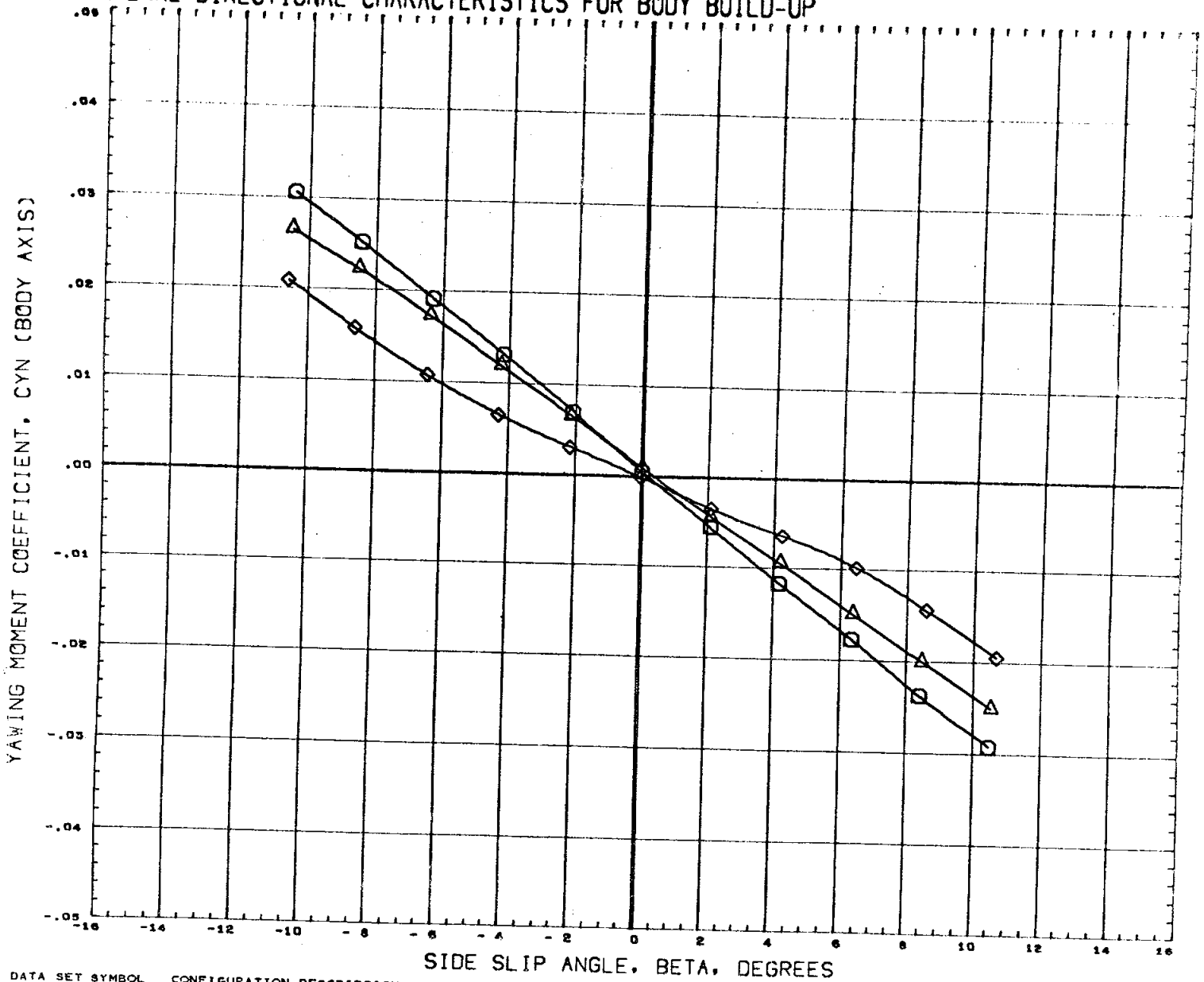
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 1.20

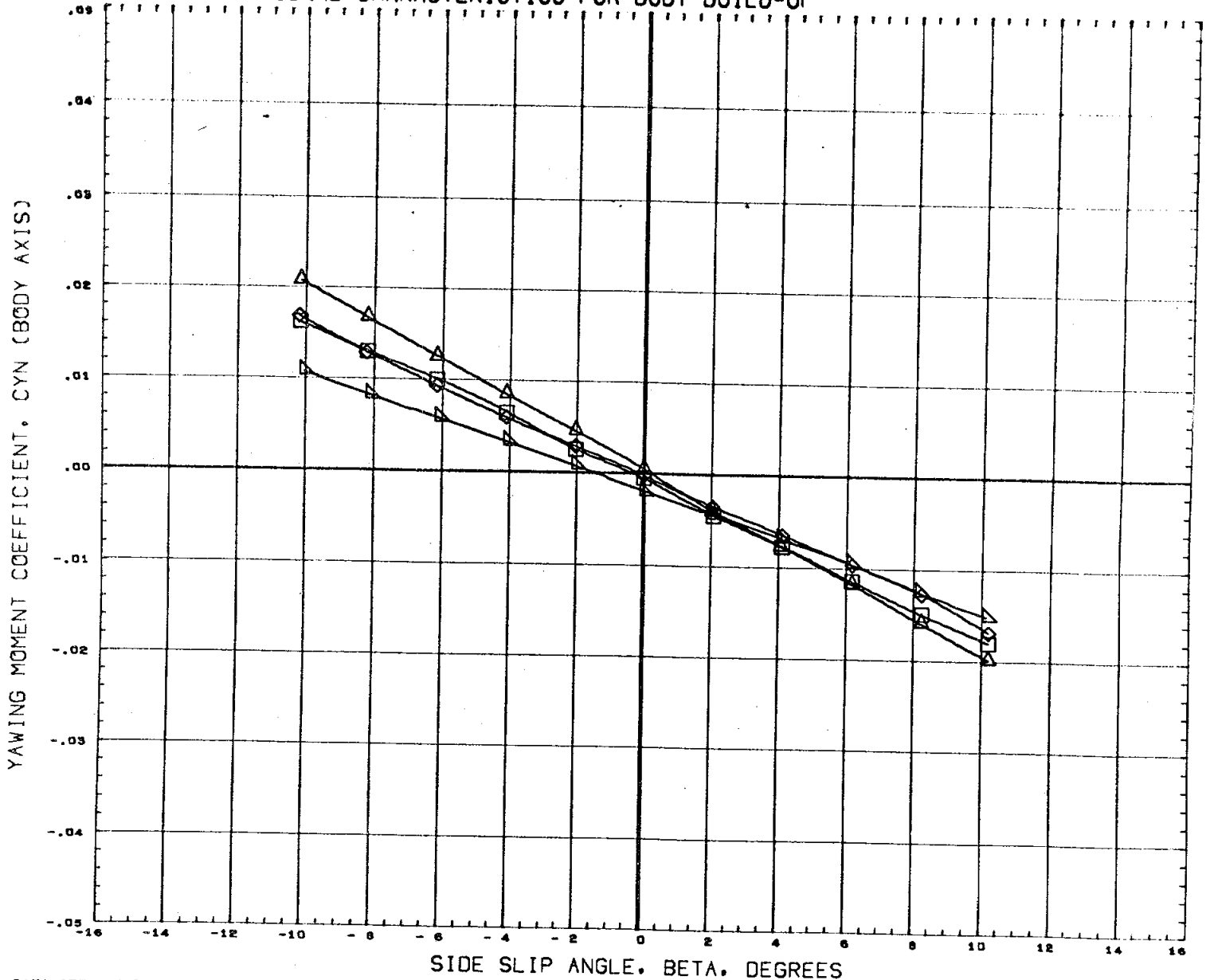
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4330 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
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						SCALE 0.0040

MACH 1.96

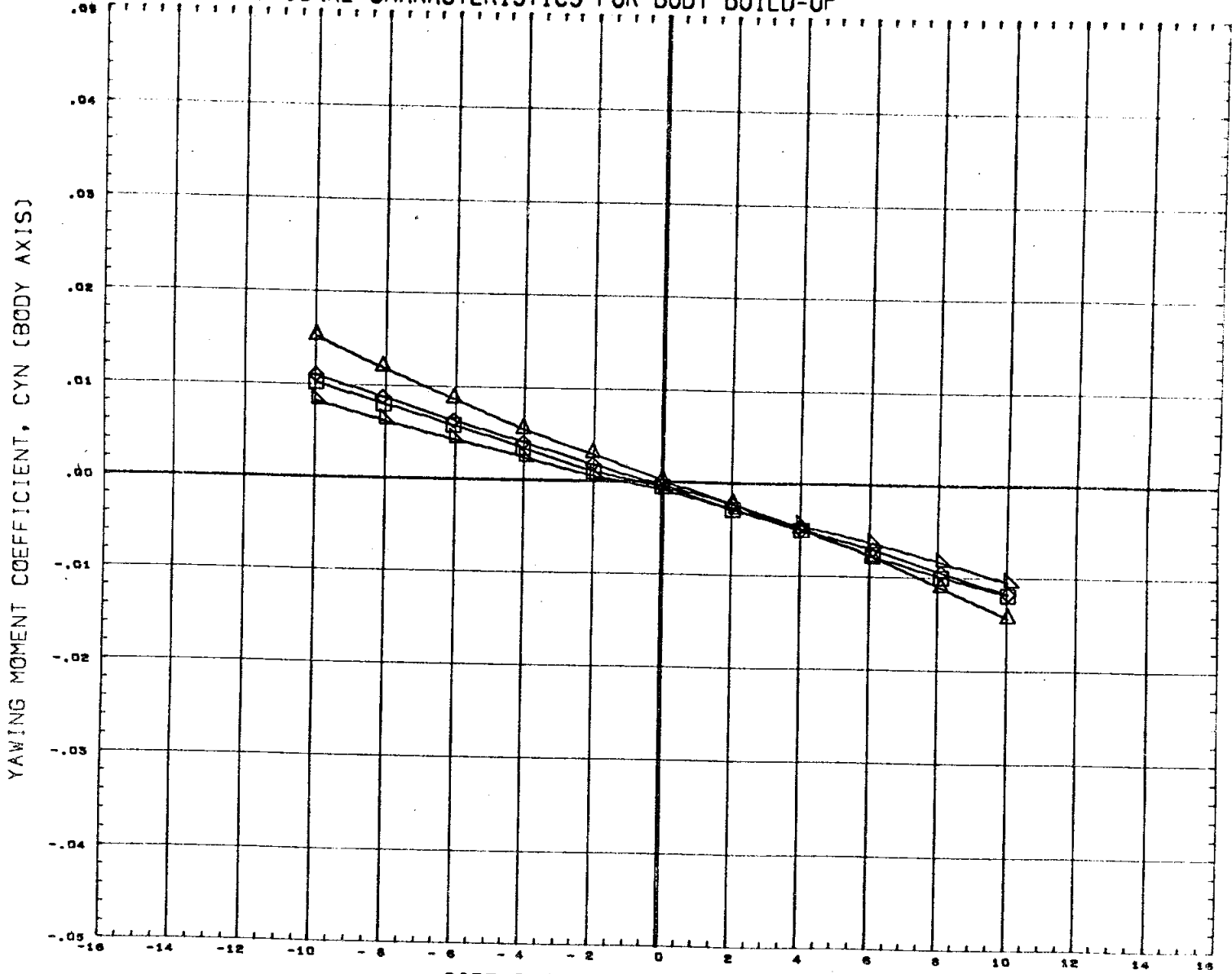
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XMRP 3.4530 IN.
(A76108)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

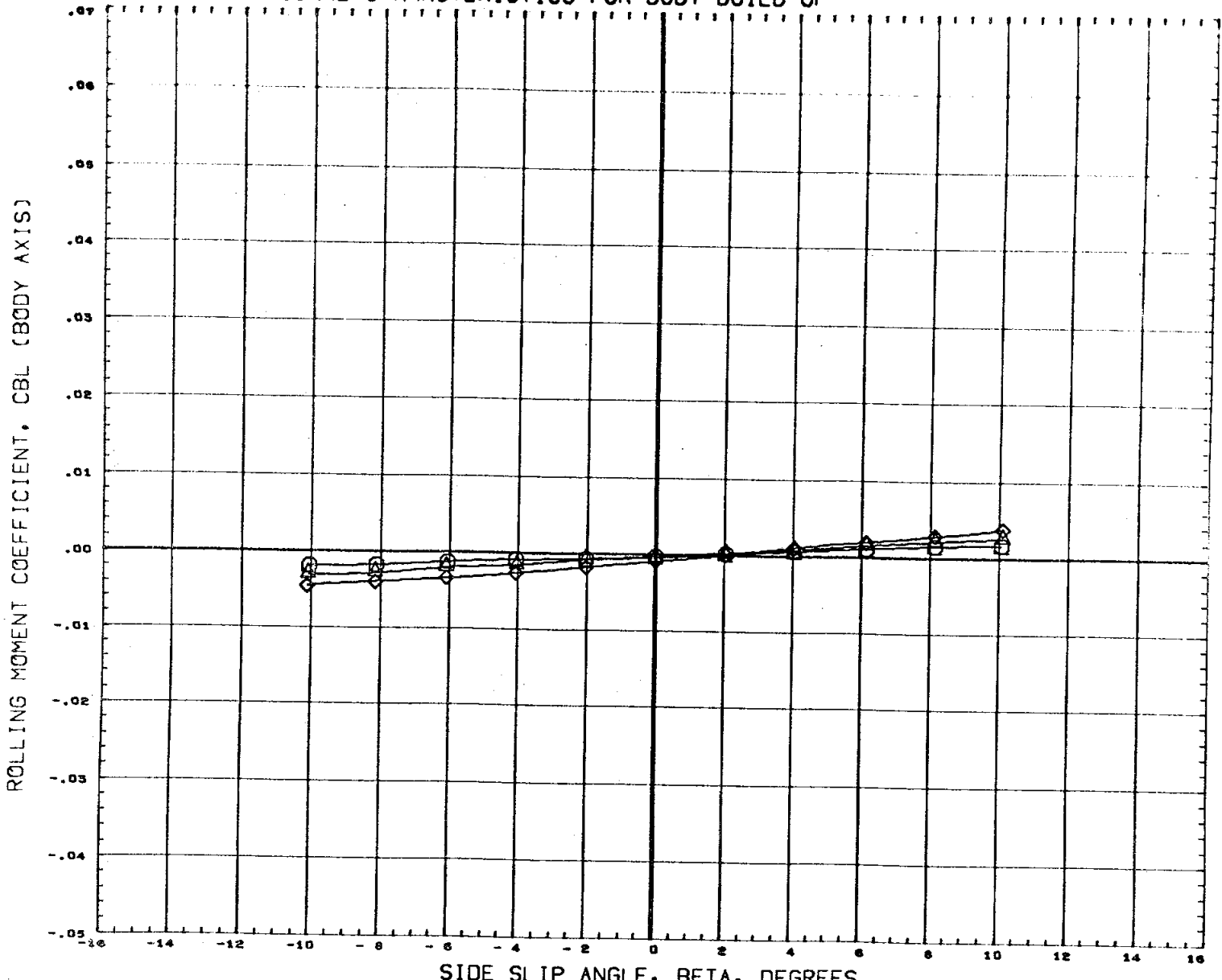
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0500 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XMRP 3.4530 IN.
(A76108)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

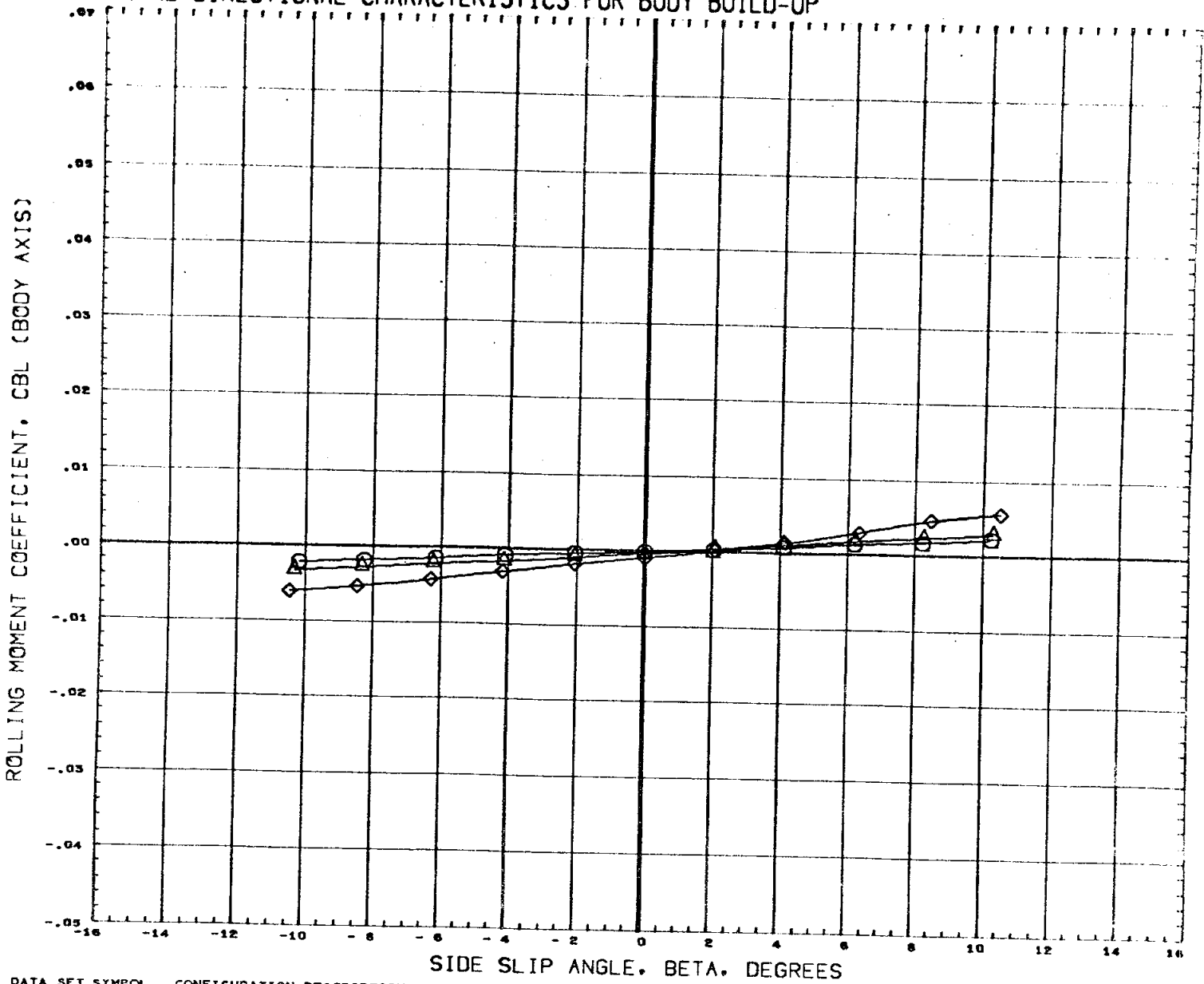
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555(FA3) NAR ATP ORB (81C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555(FA3) NAR ATP ORB (81C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555(FA3) NAR ATP ORB (81C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
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						SCALE 0.0040

MACH .59

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

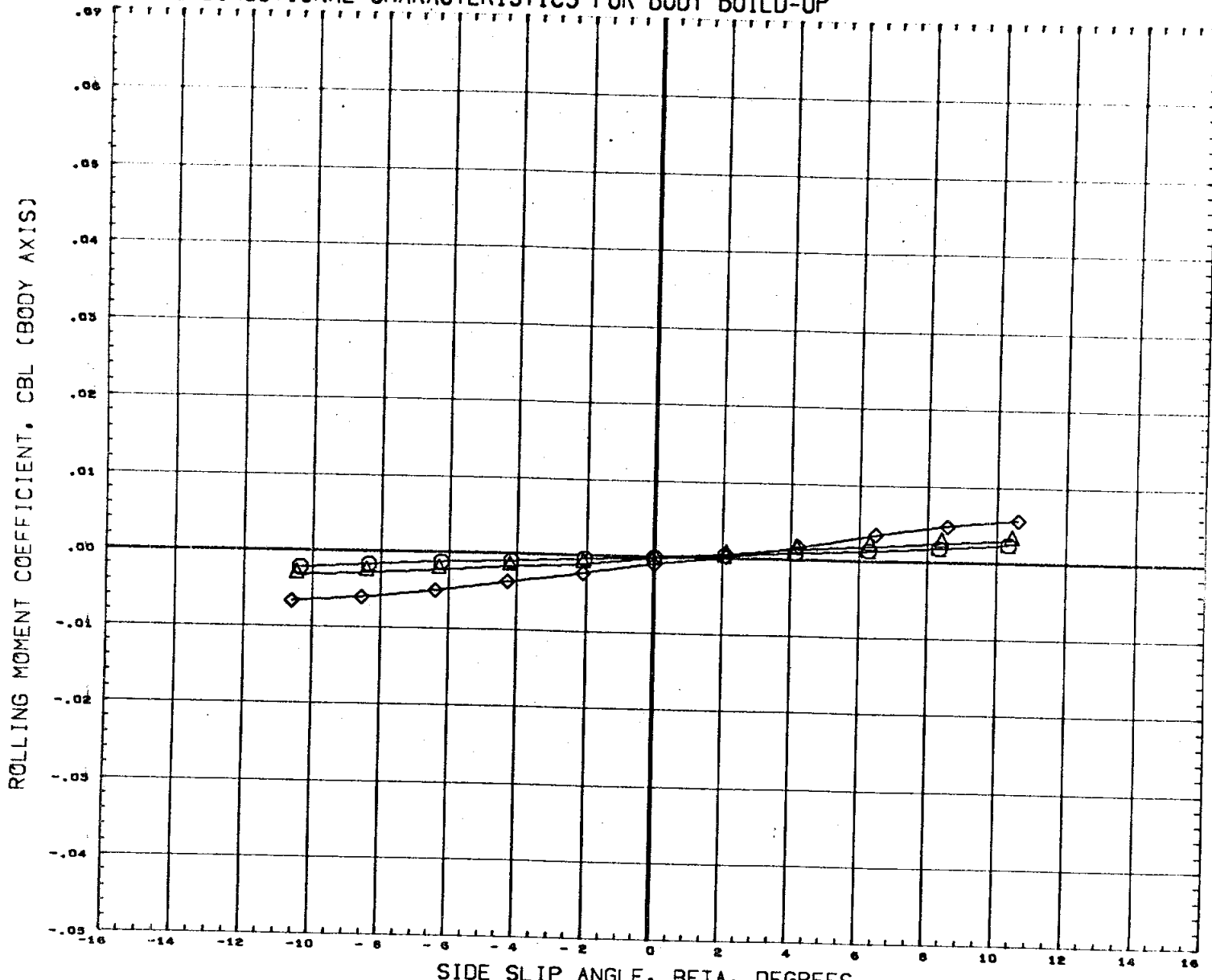


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
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(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



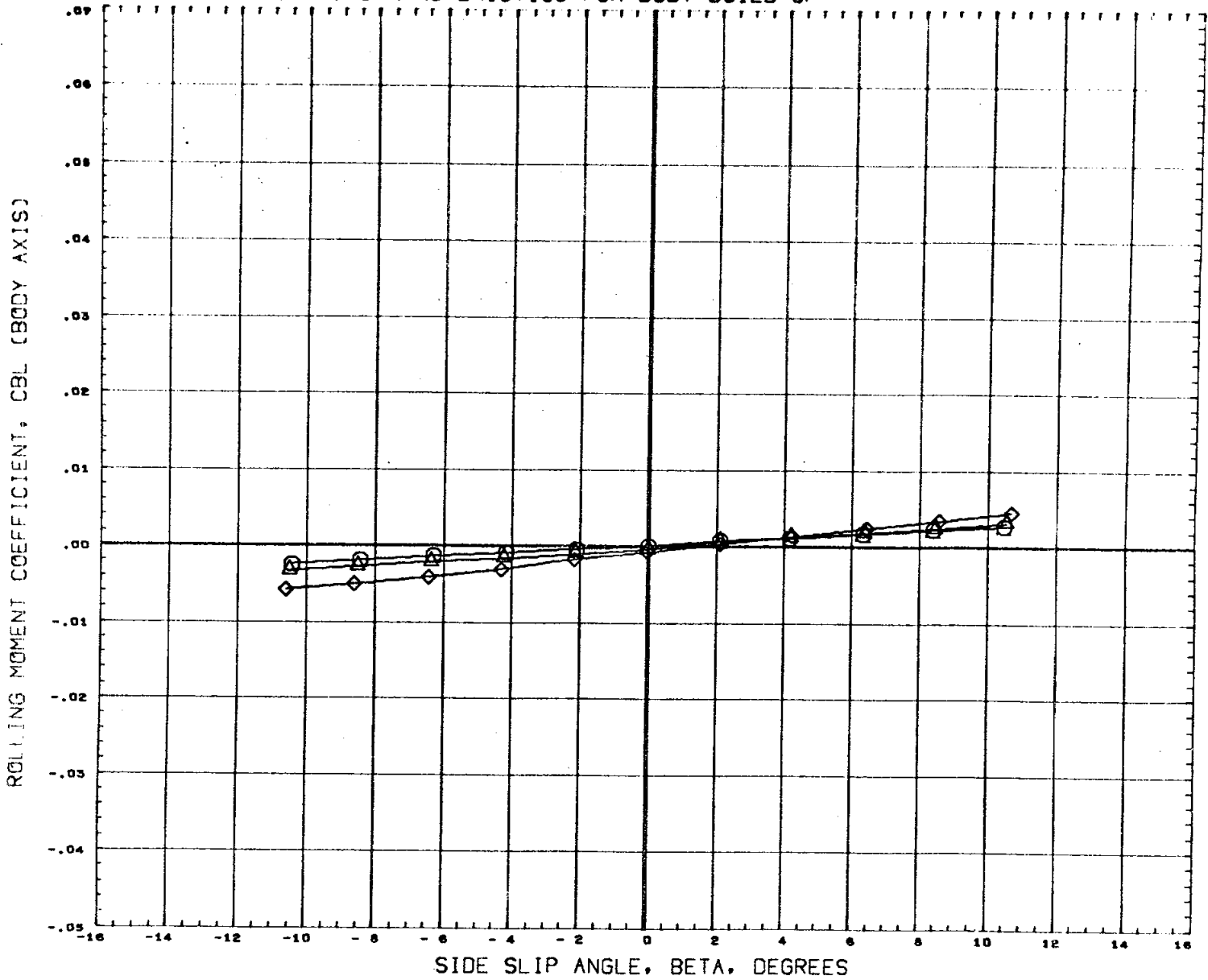
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.20

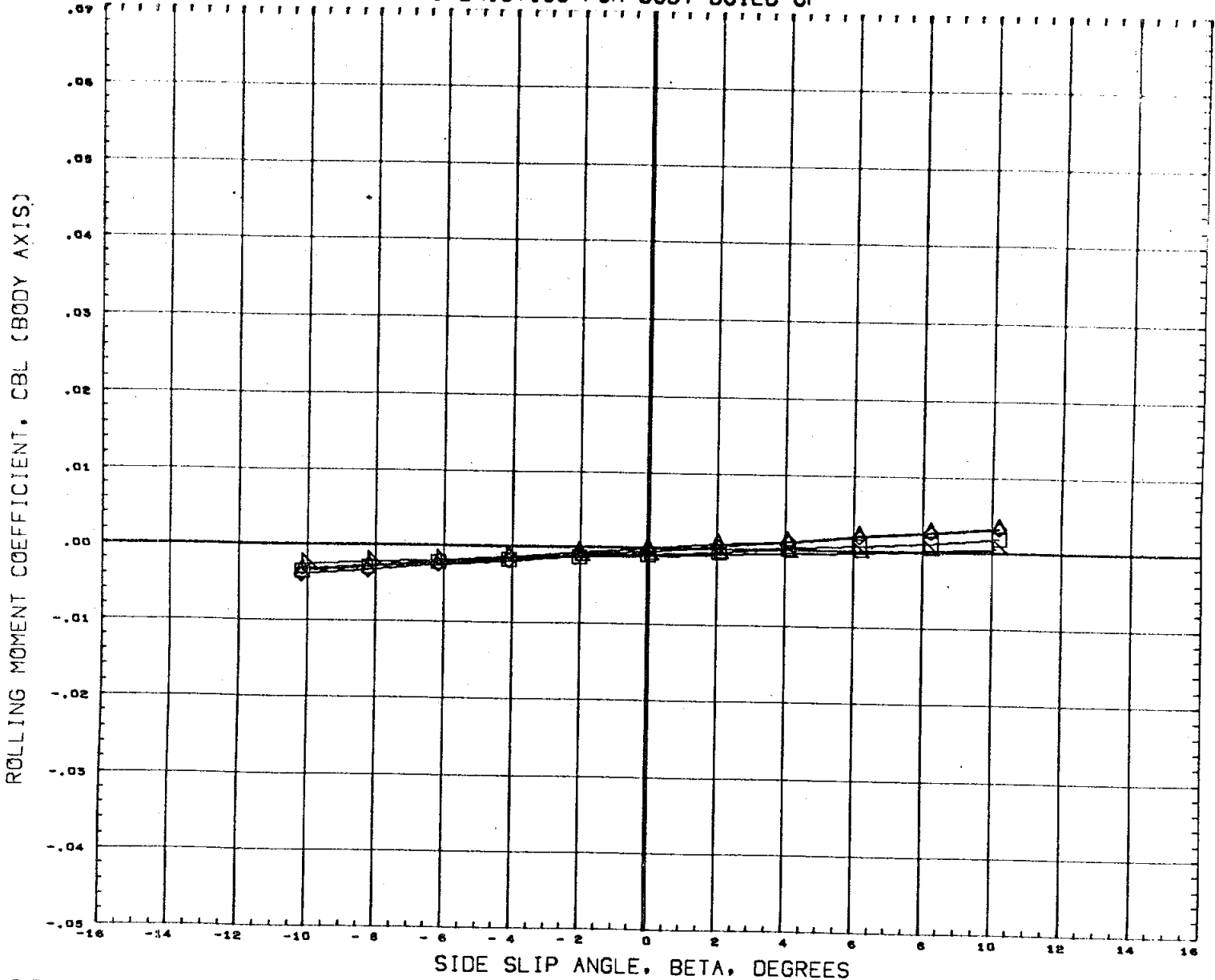
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000				XMRP 3.4530 IN.
(A76108)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.96

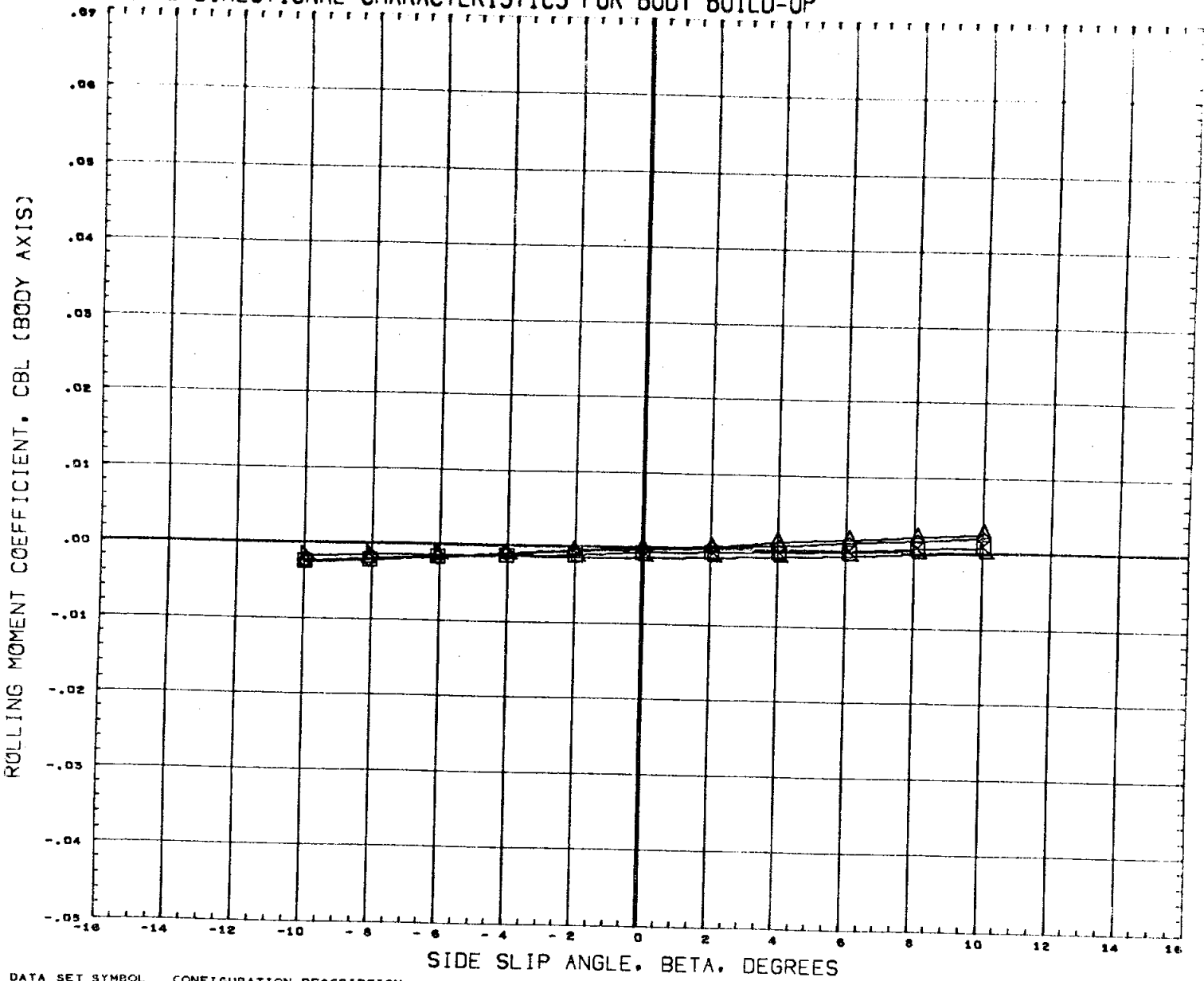
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XHRP 3.4550 IN.
(A76108)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	50.000				YHRP 0.0000 IN.
						ZHRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

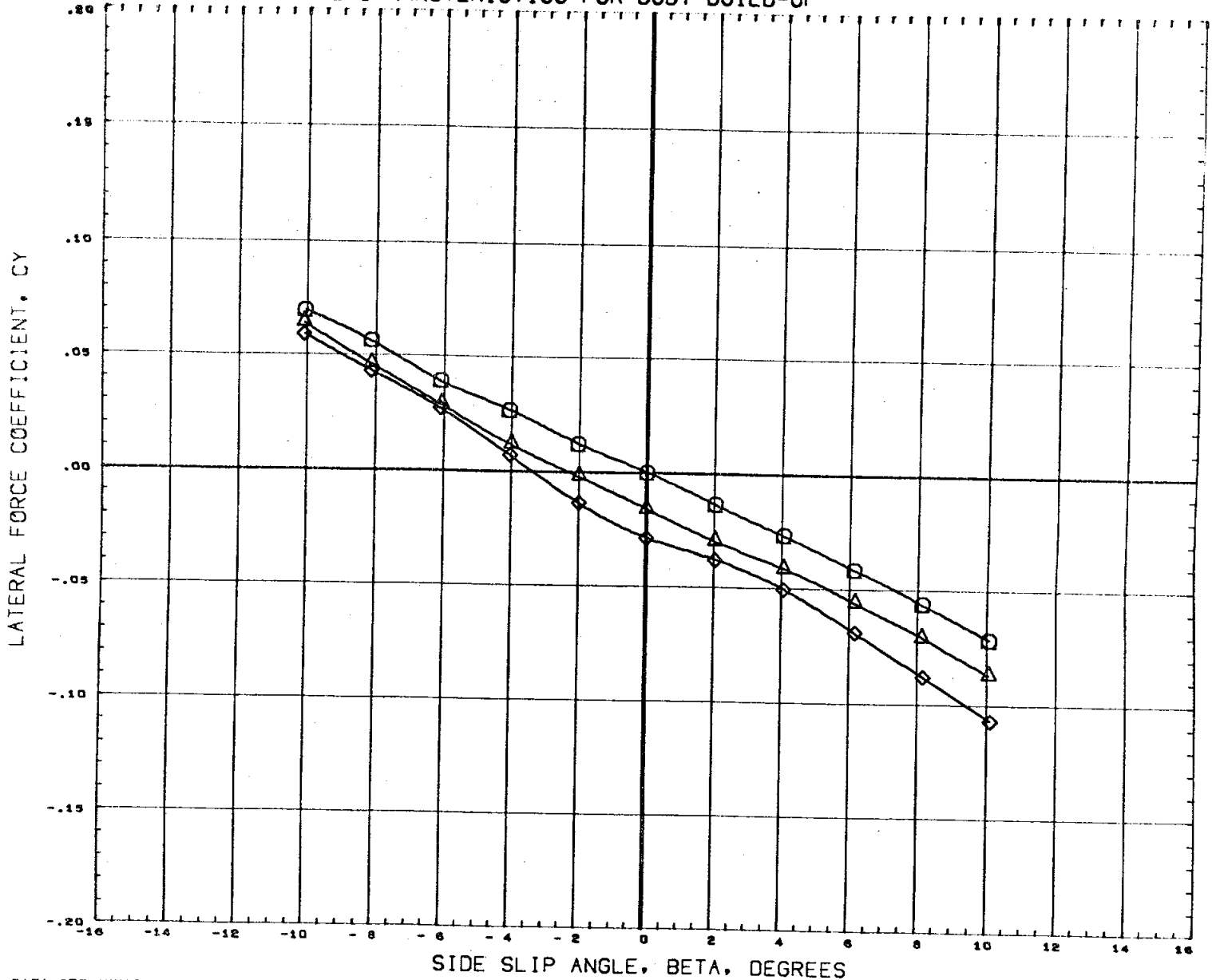
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76104)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000				SREF 7.4190 SQ. IN.
(A76105)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	10.000				LREF 2.1020 IN.
(A76106)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	20.000				BREF 4.0300 IN.
(A76107)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	30.000				XMRP 3.4530 IN.
(A76108)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1)	50.000				YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

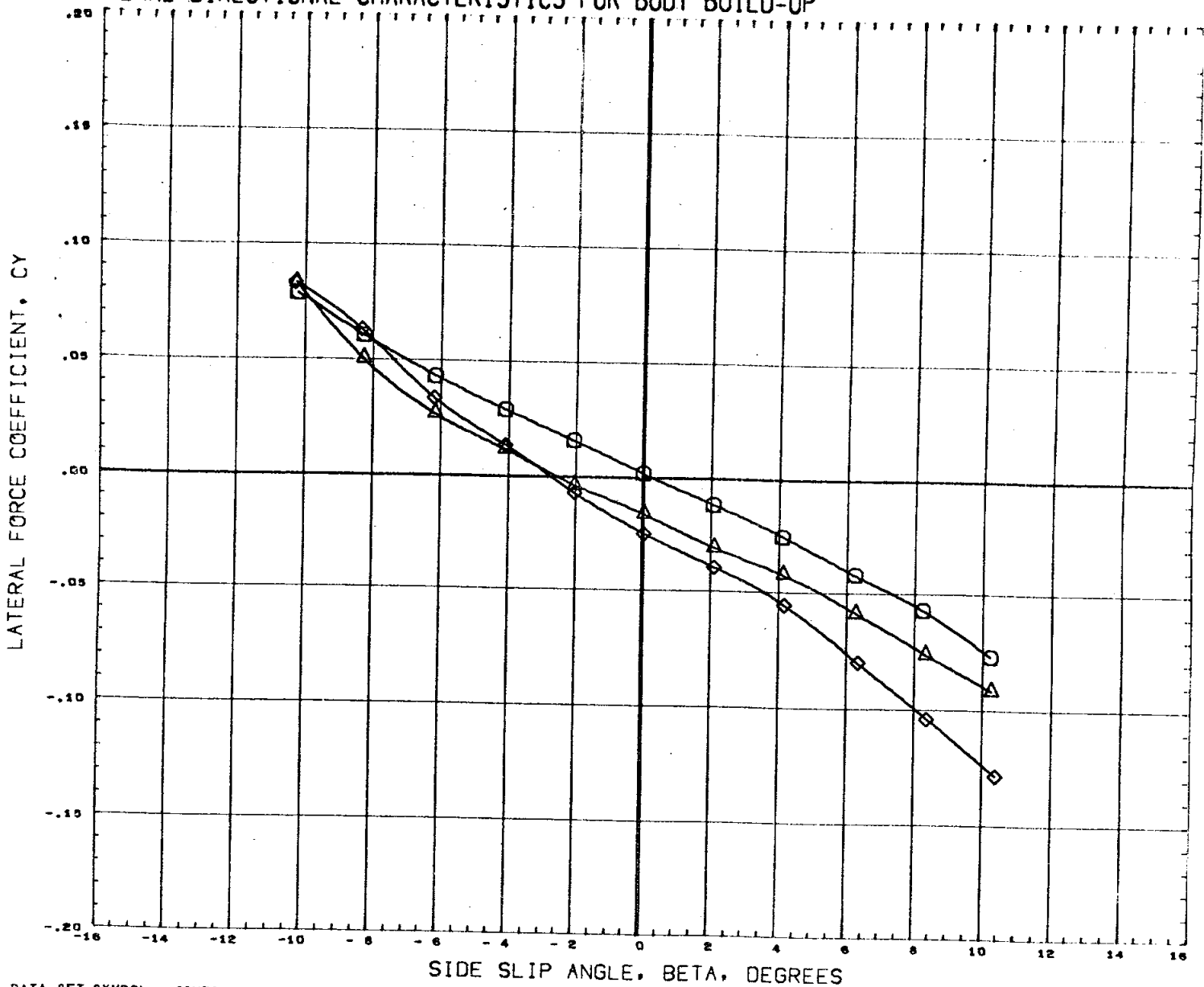
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .60

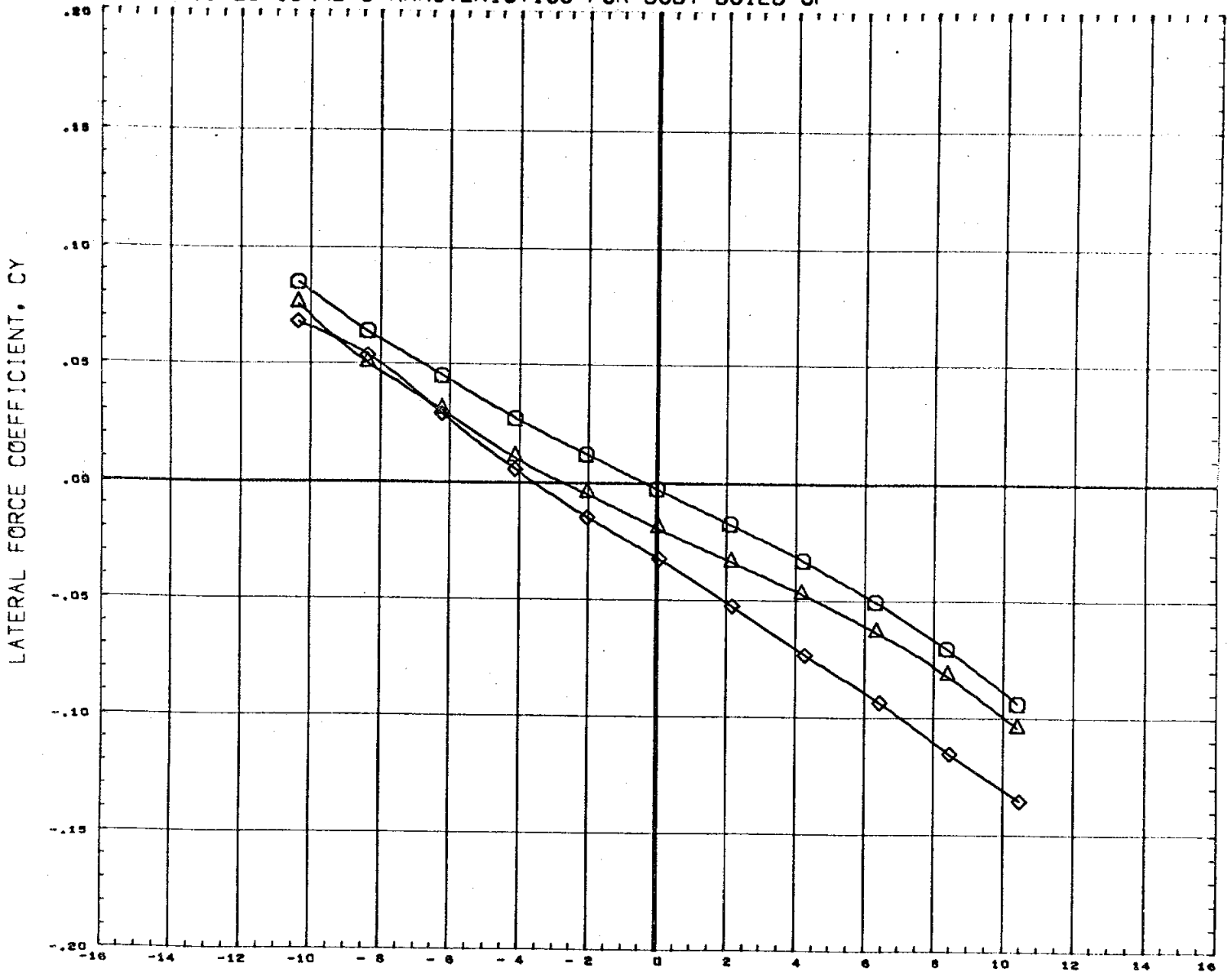
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN.
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						SCALE 0.0040

MACH .91

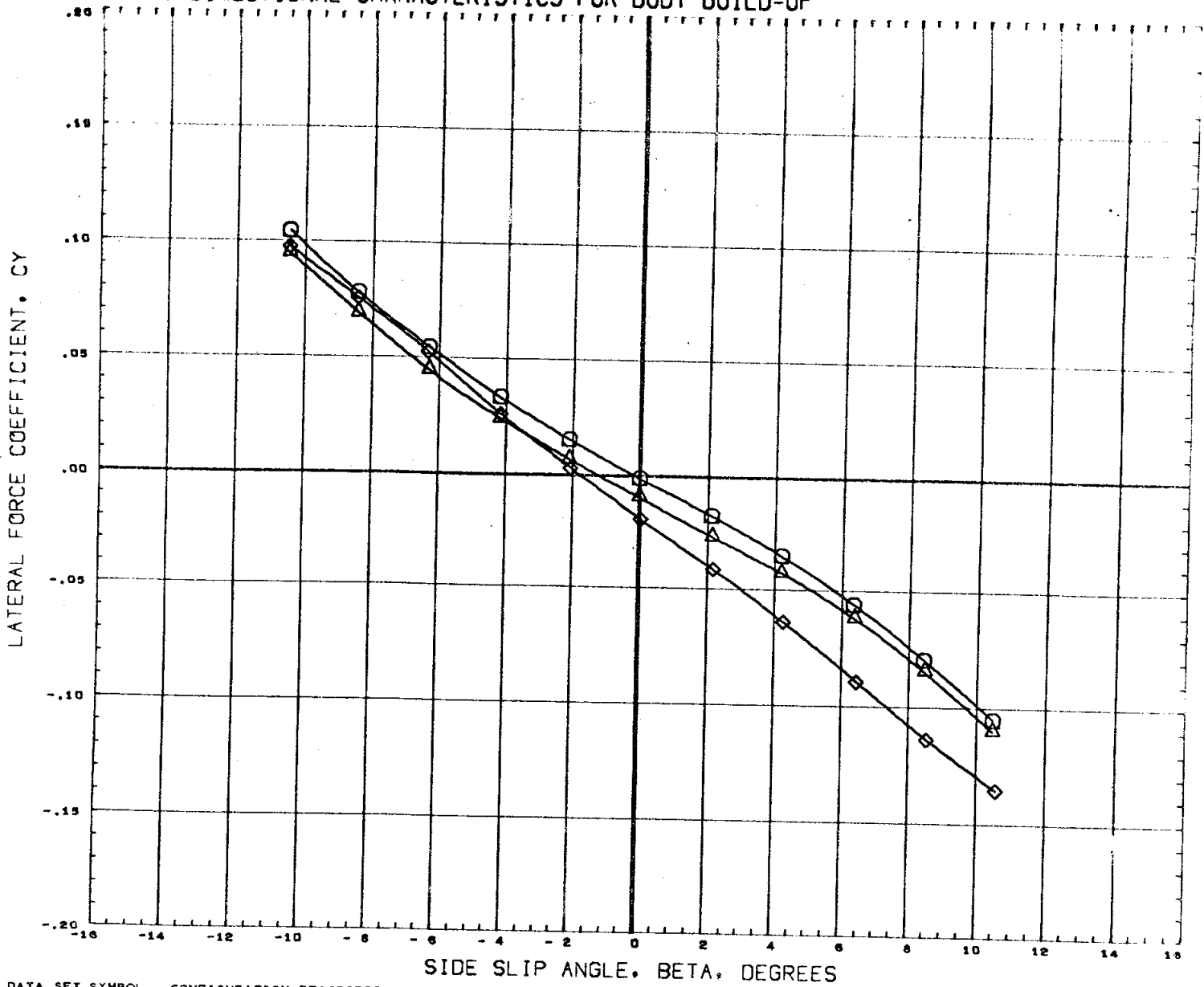
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

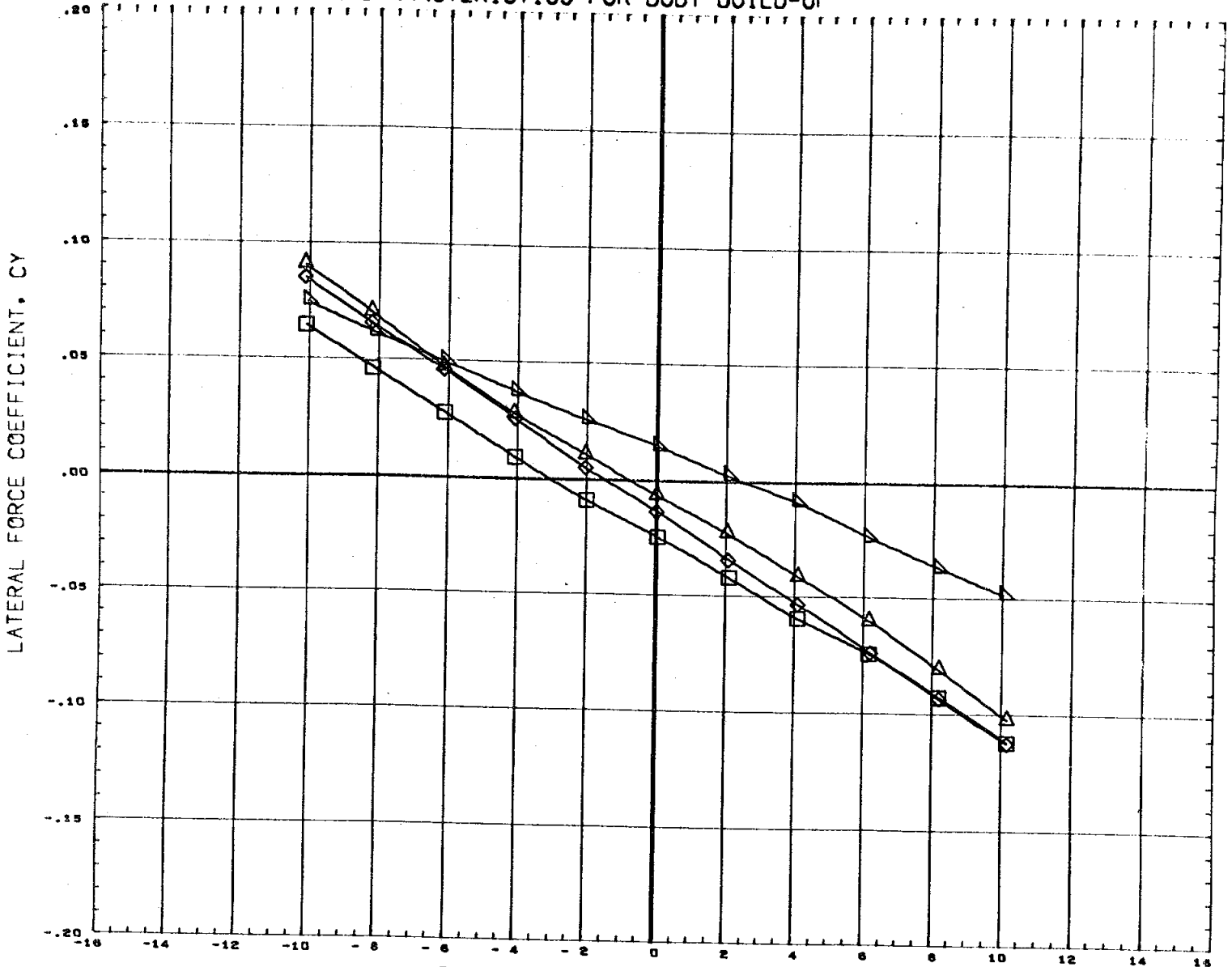


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.96



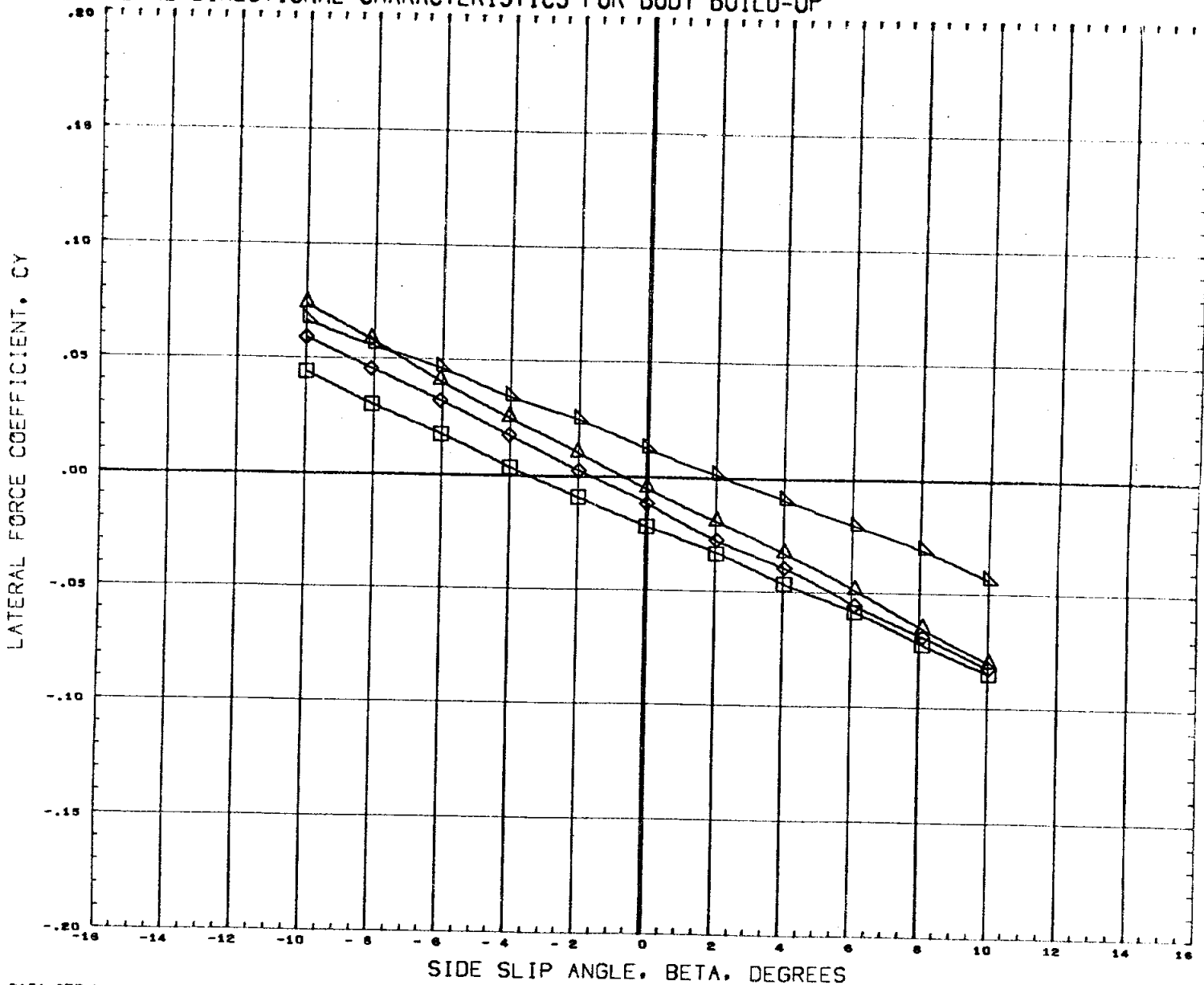
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	0.000			XMRP 3.4530 IN.
(A76208)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

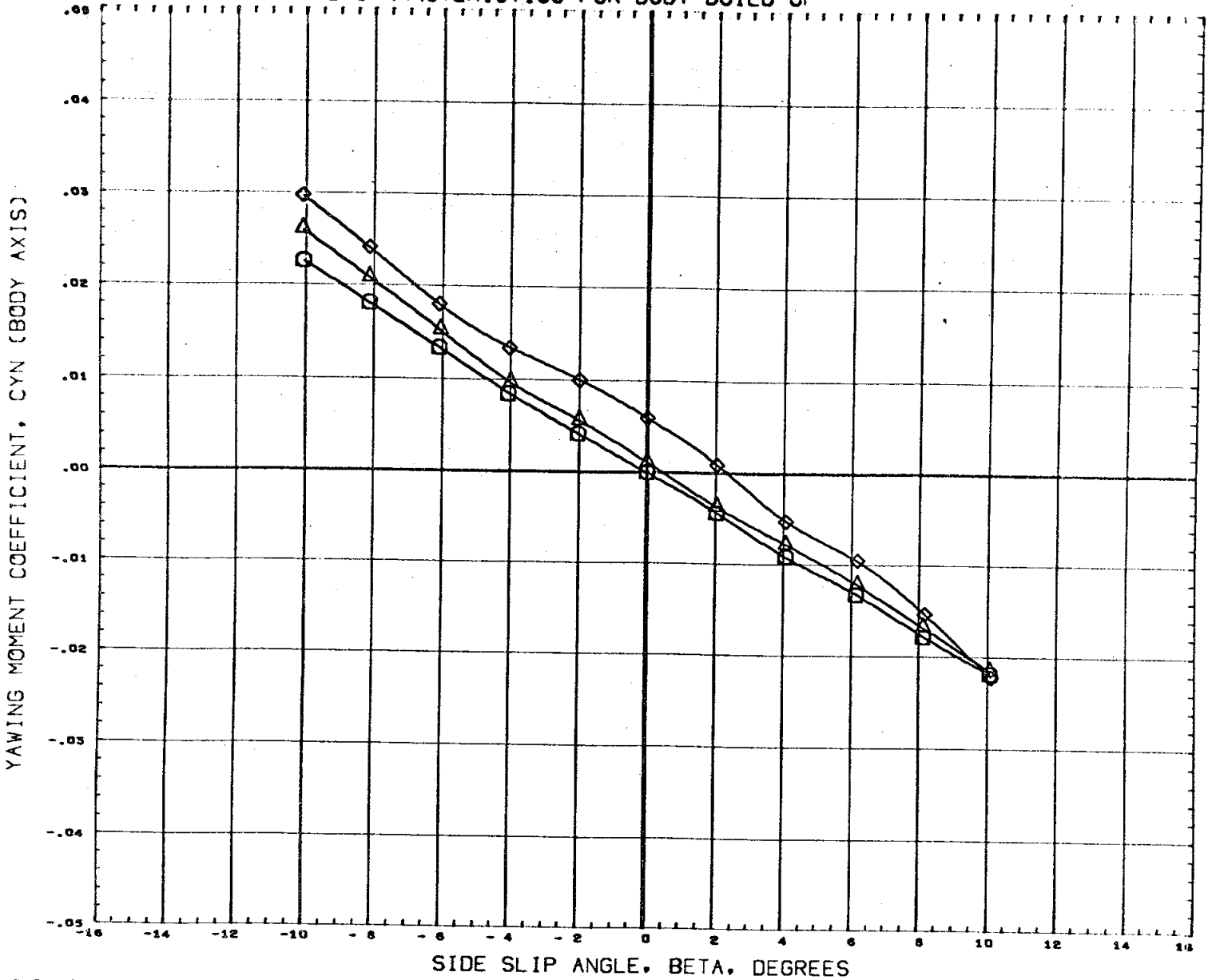
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	0.000			XMRP 3.4530 IN.
(A76208)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

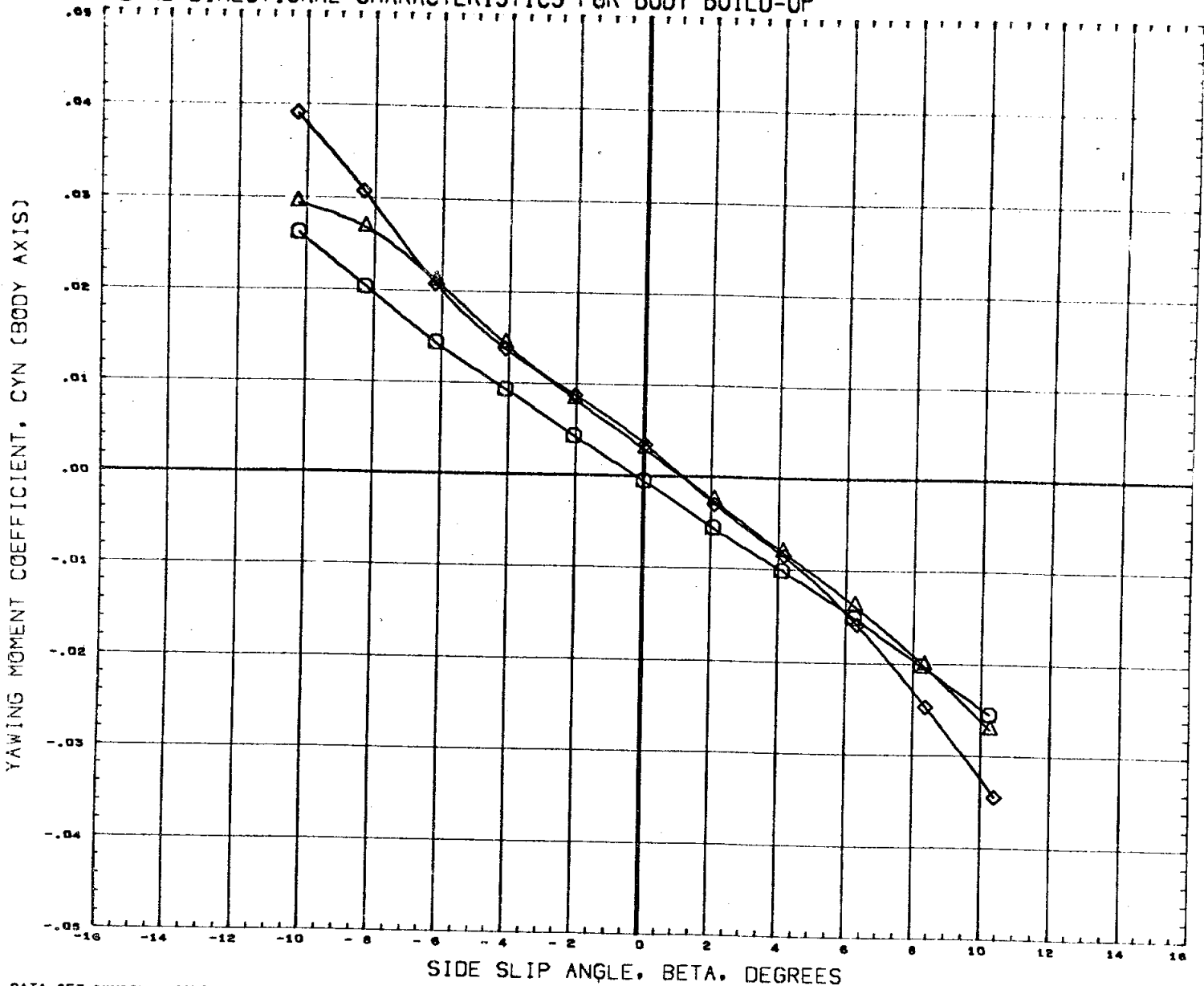
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	90.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .60

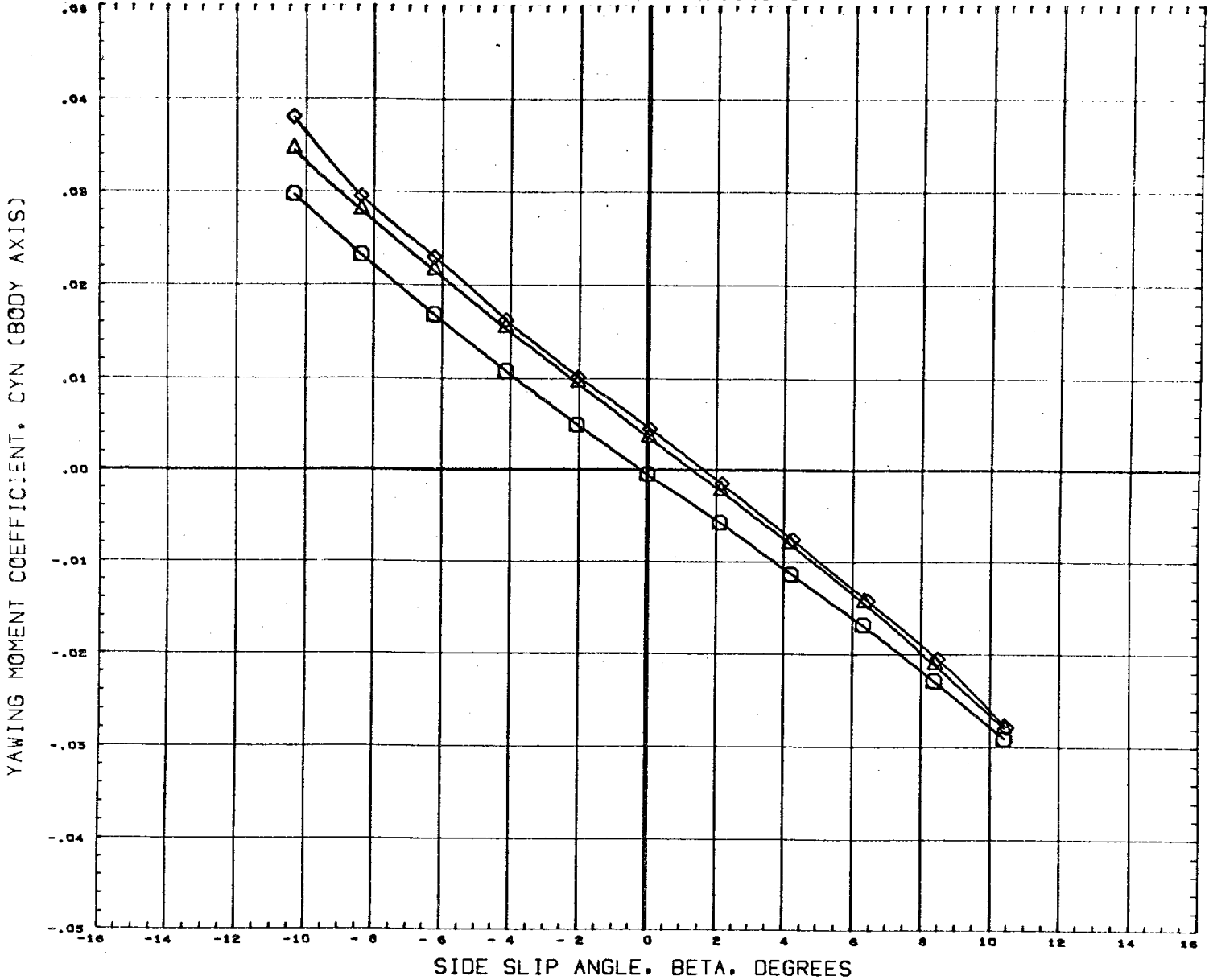
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .91

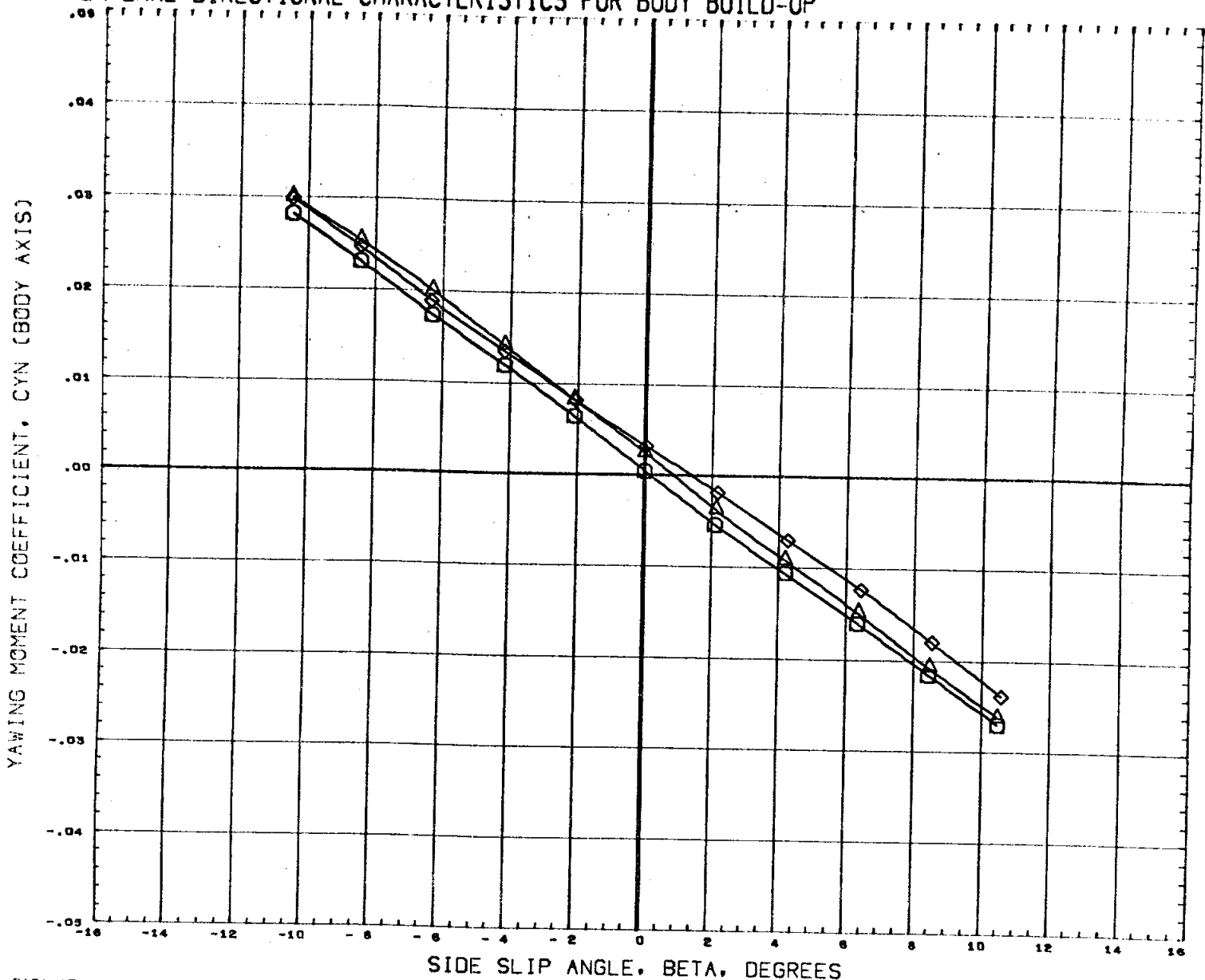
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

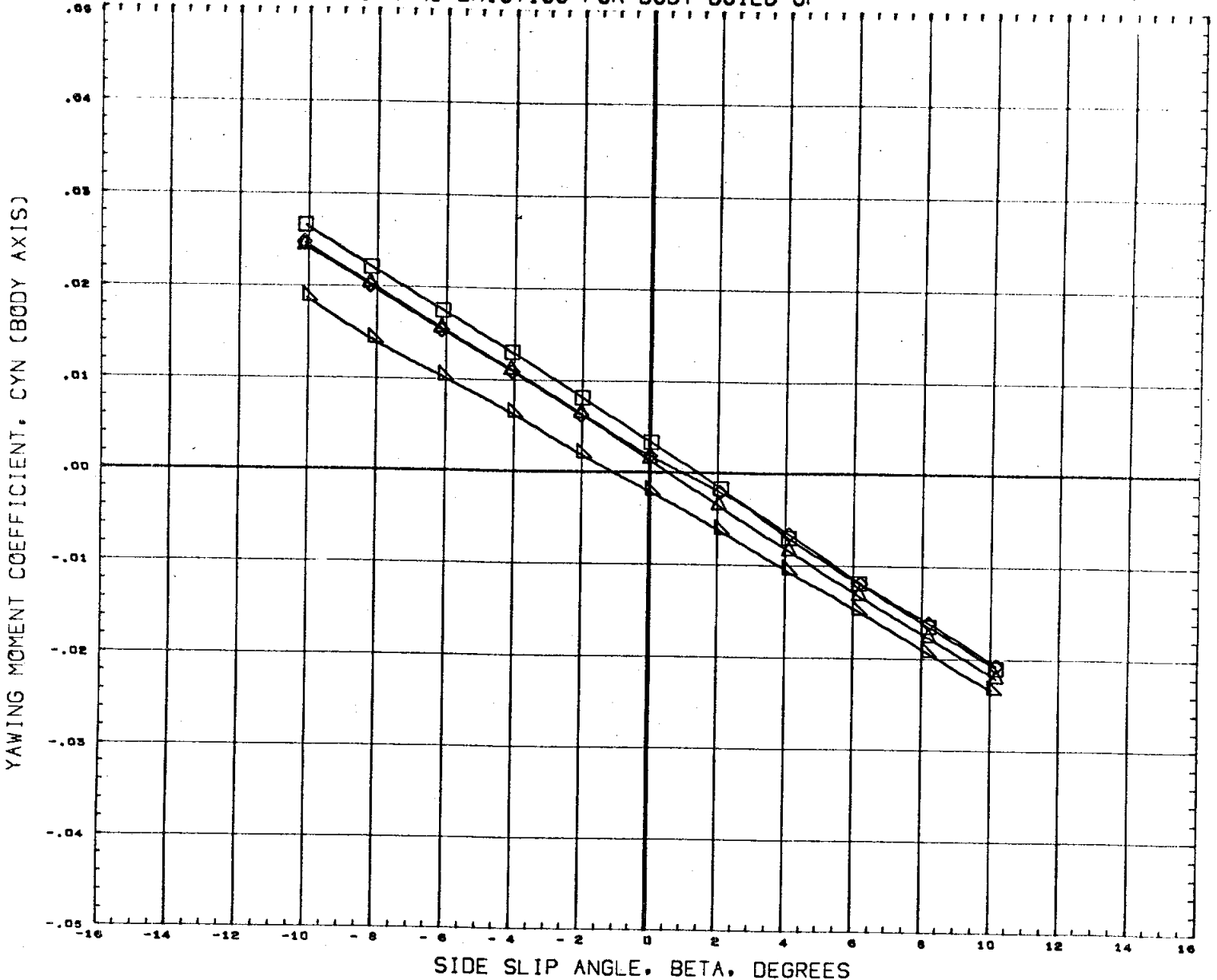
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.96

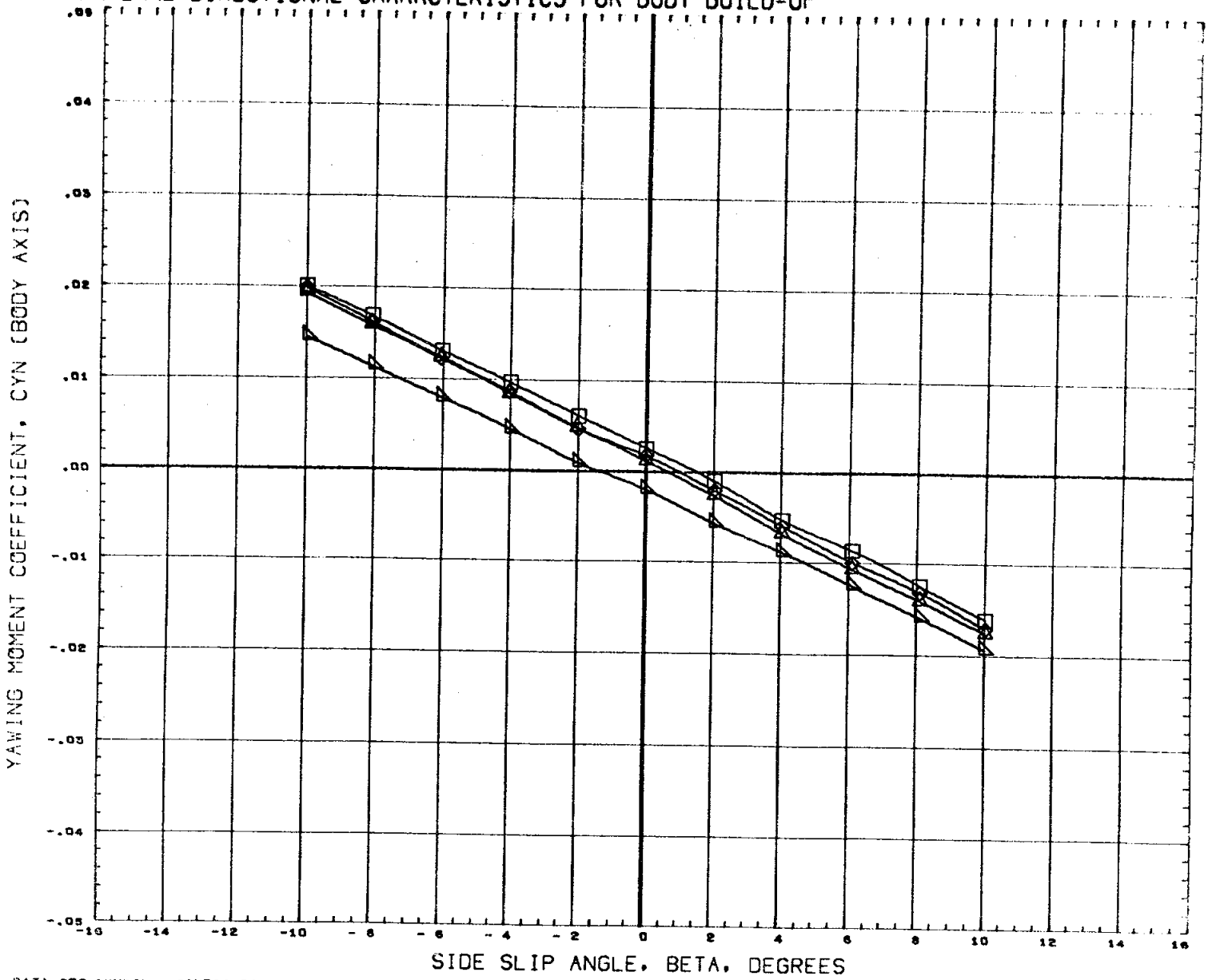
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	0.000			XMRP 3.4530 IN.
(A76208)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

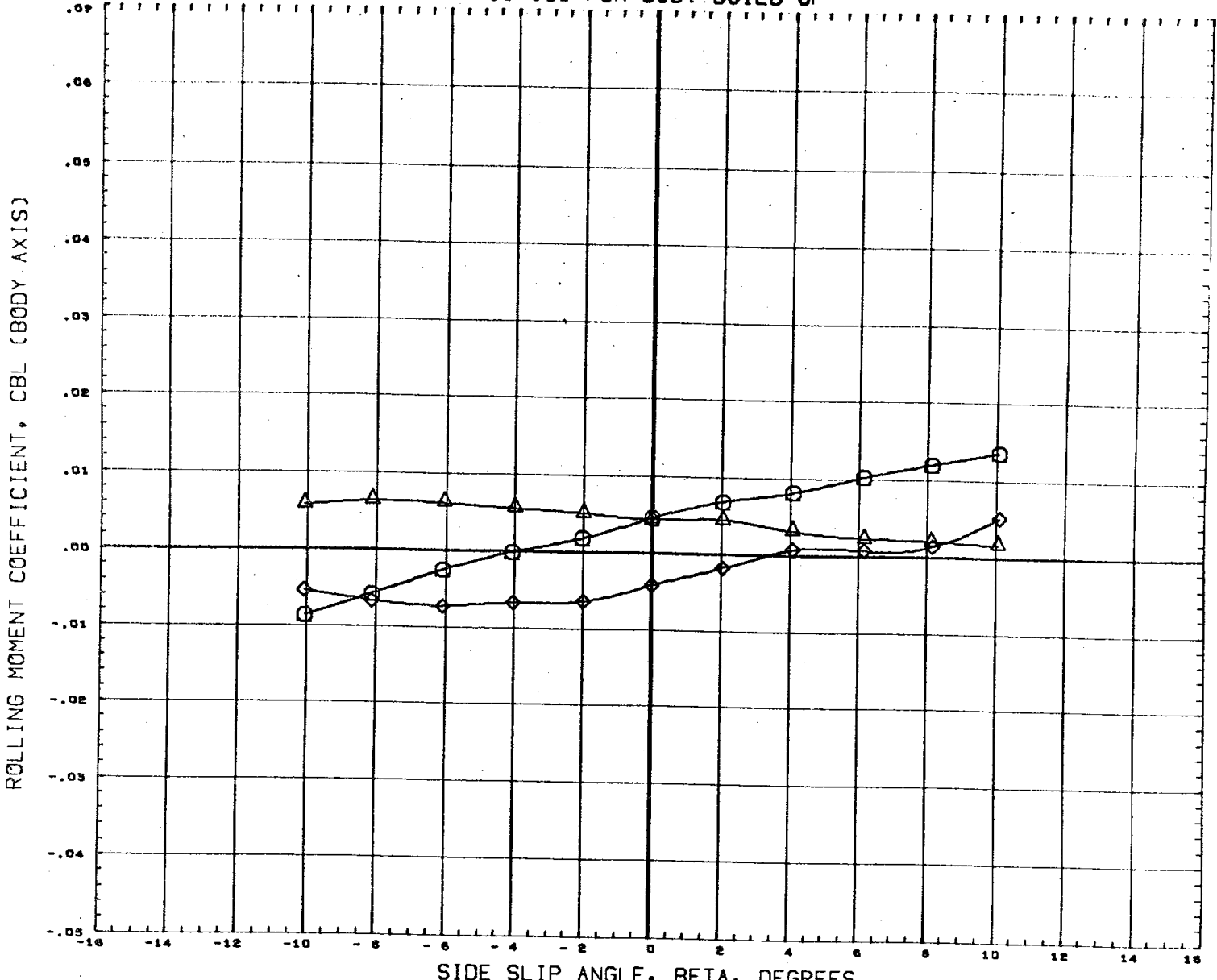


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	0.000			XMRP 3.4330 IN.
(A76208)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96



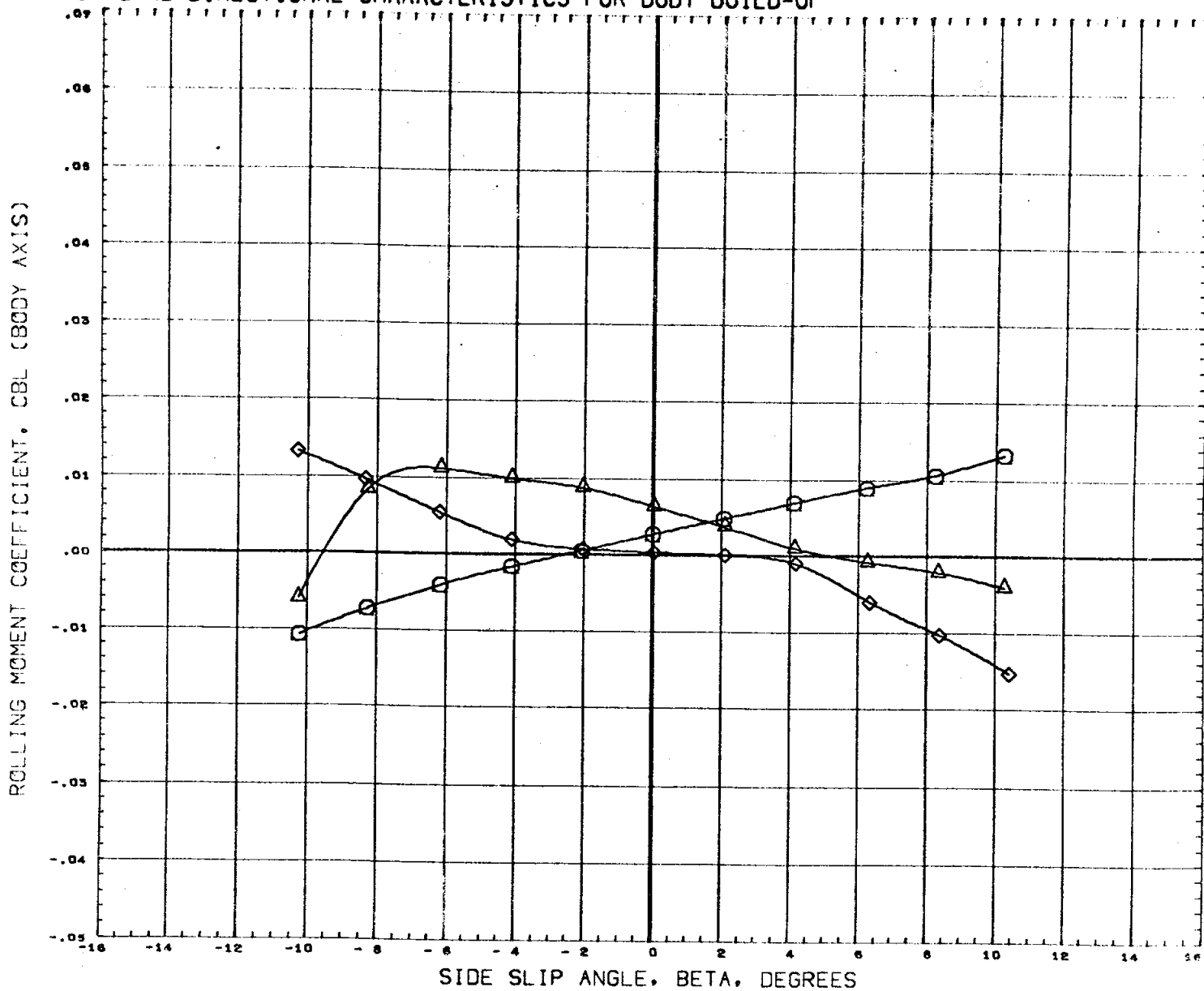
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .60

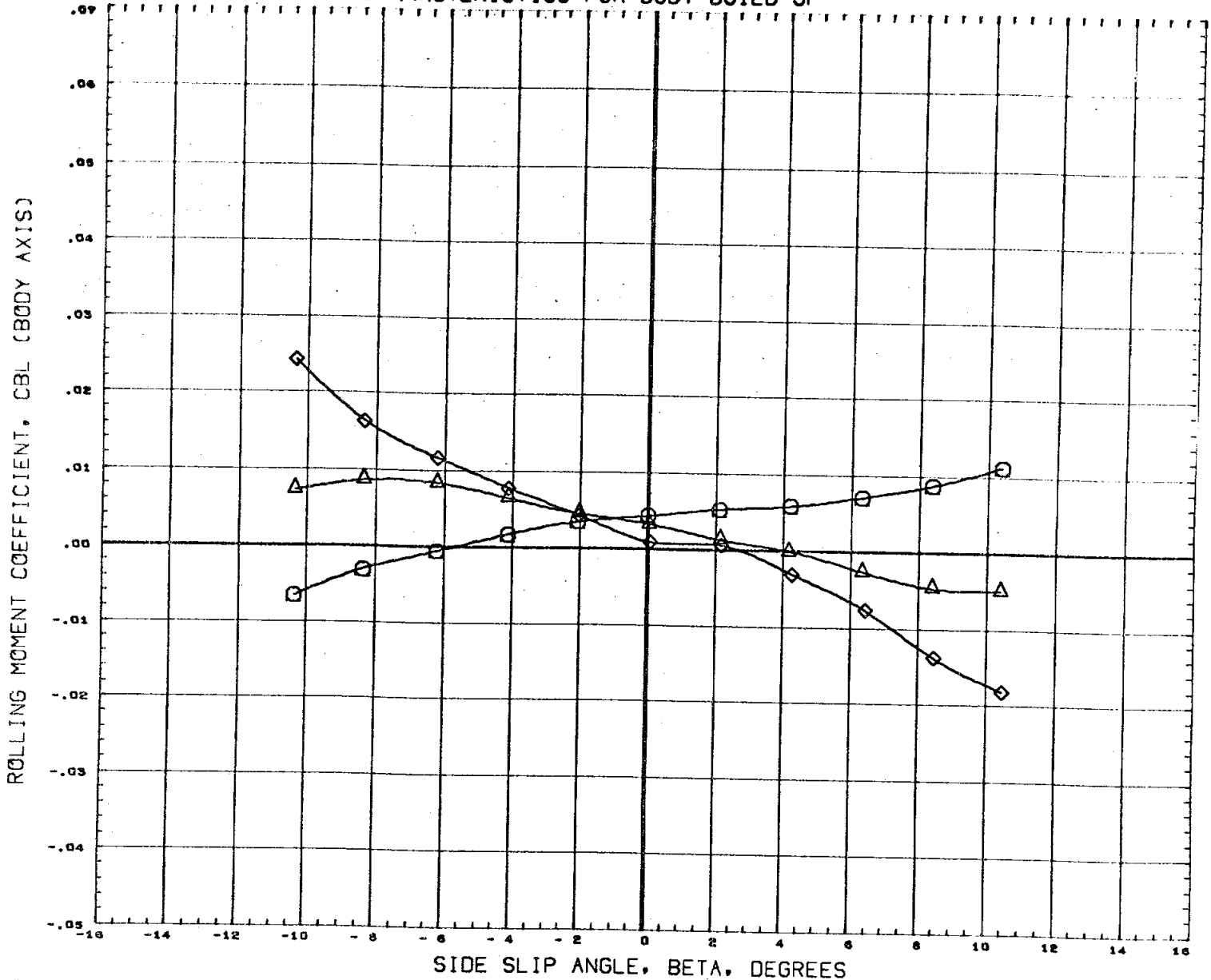
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)(W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)(W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555(FA3) NAR ATP ORB (B1C1D1F1M1)(W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .91

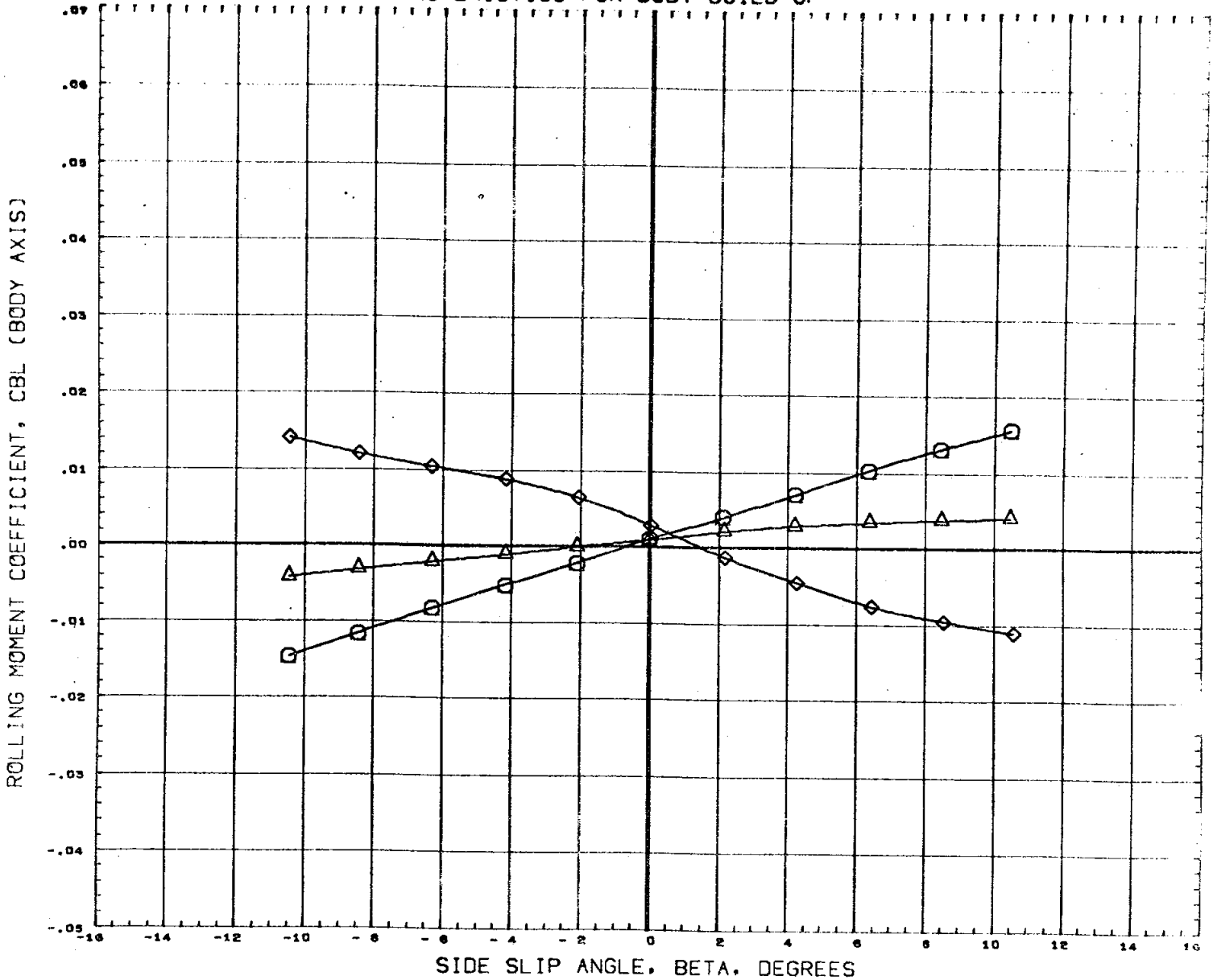
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

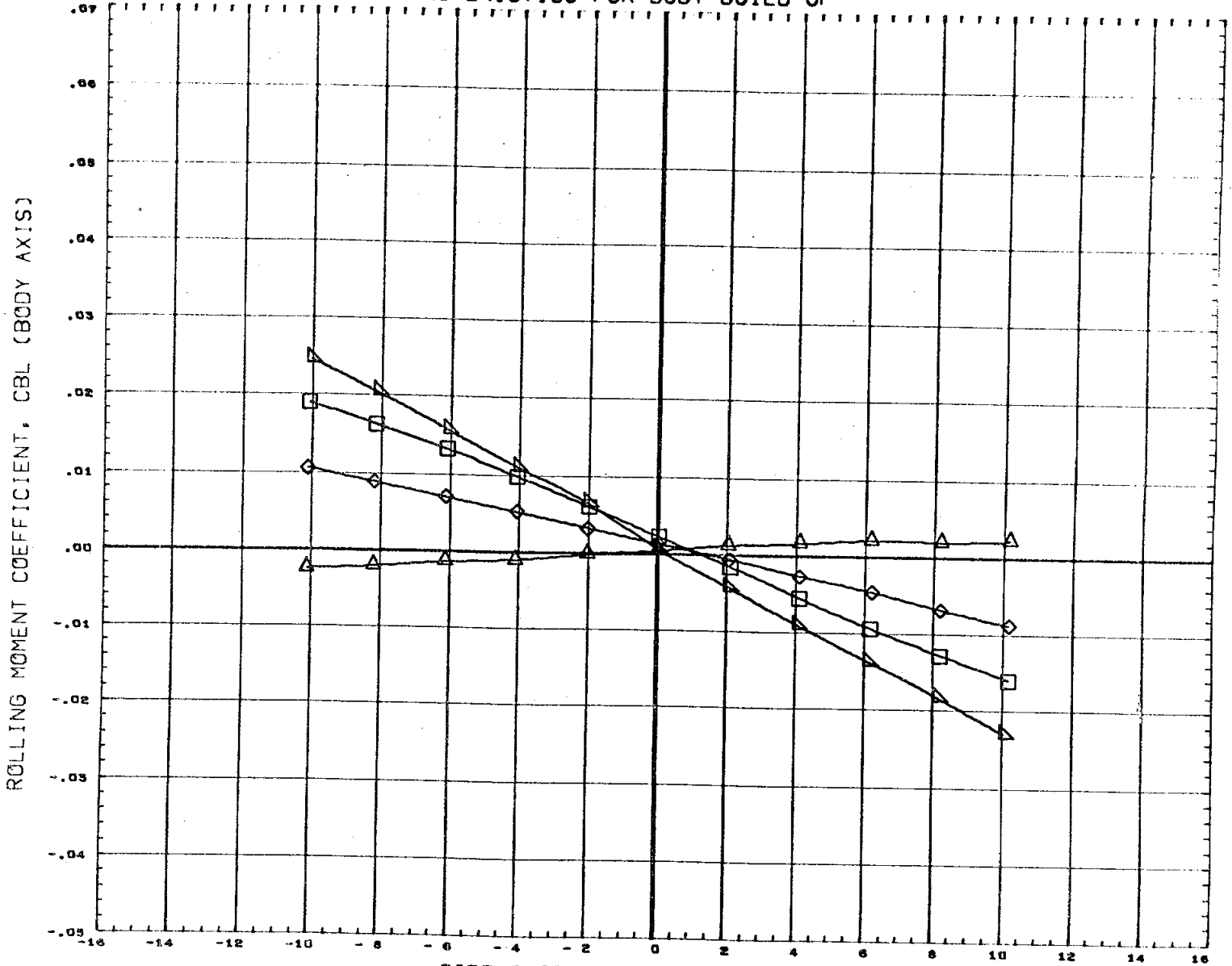
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000			XMRP 3.4530 IN.
(A76208)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000			YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.96

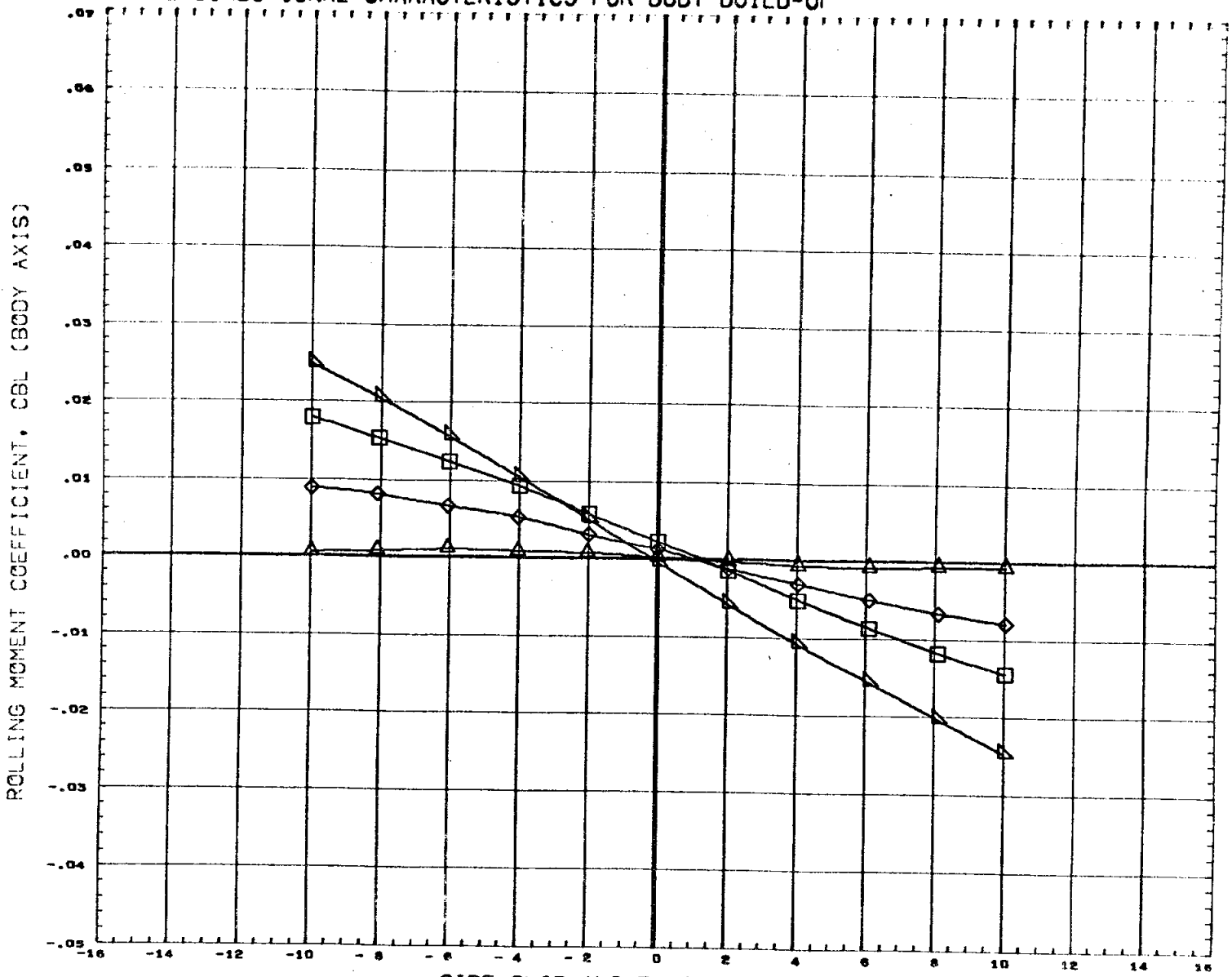
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION	
(A76204)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000			SREF	7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF	2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF	4.0300 IN.
(A76207)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	0.000			XMRP	3.4530 IN.
(A76208)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	50.000	0.000			YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

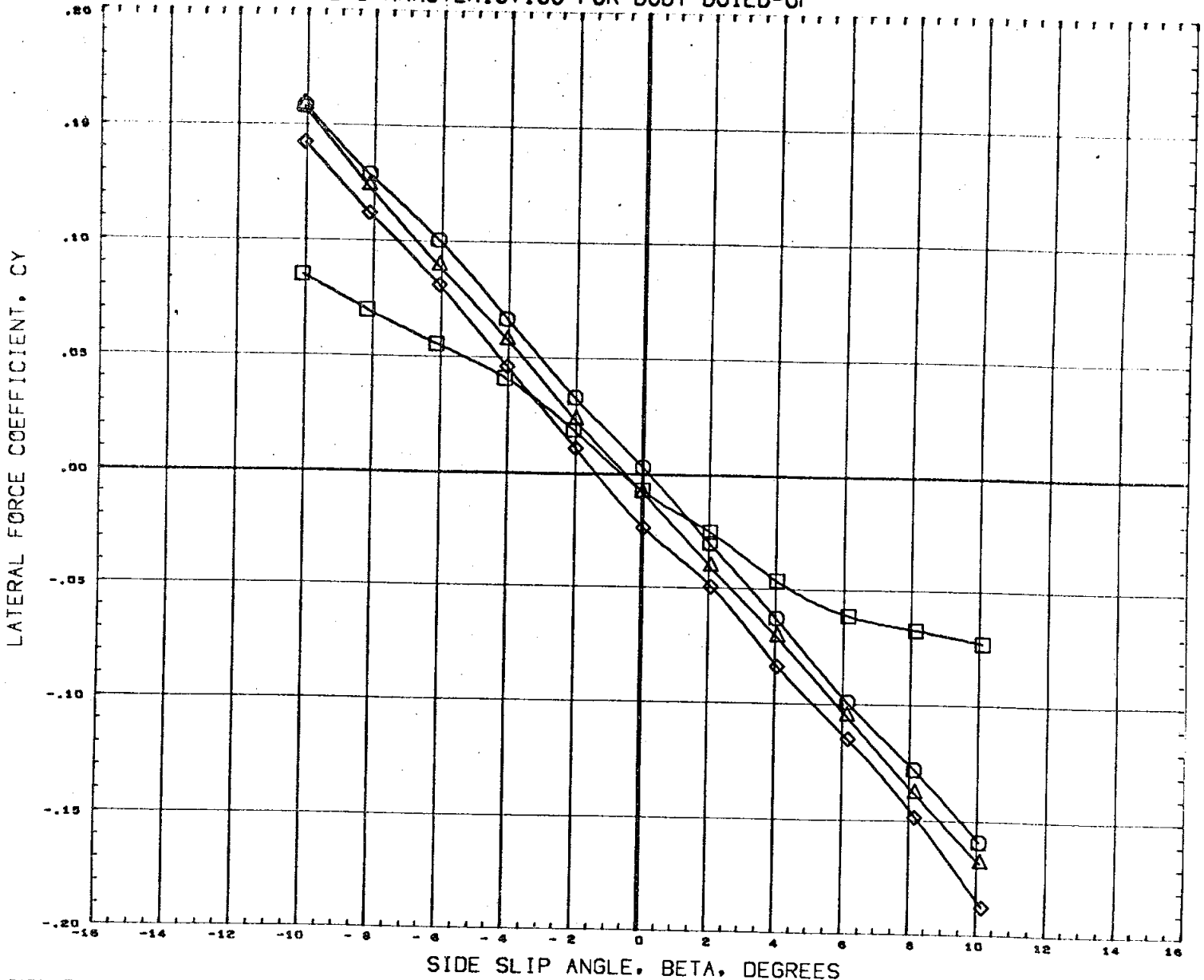
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76204)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000			SREF 7.4190 SQ. IN.
(A76205)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	10.000	0.000			LREF 2.1020 IN.
(A76206)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	20.000	0.000			BREF 4.0300 IN.
(A76207)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	30.000	1.000			XMRP 3.4530 IN.
(A76208)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1)	50.000	2.000			YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

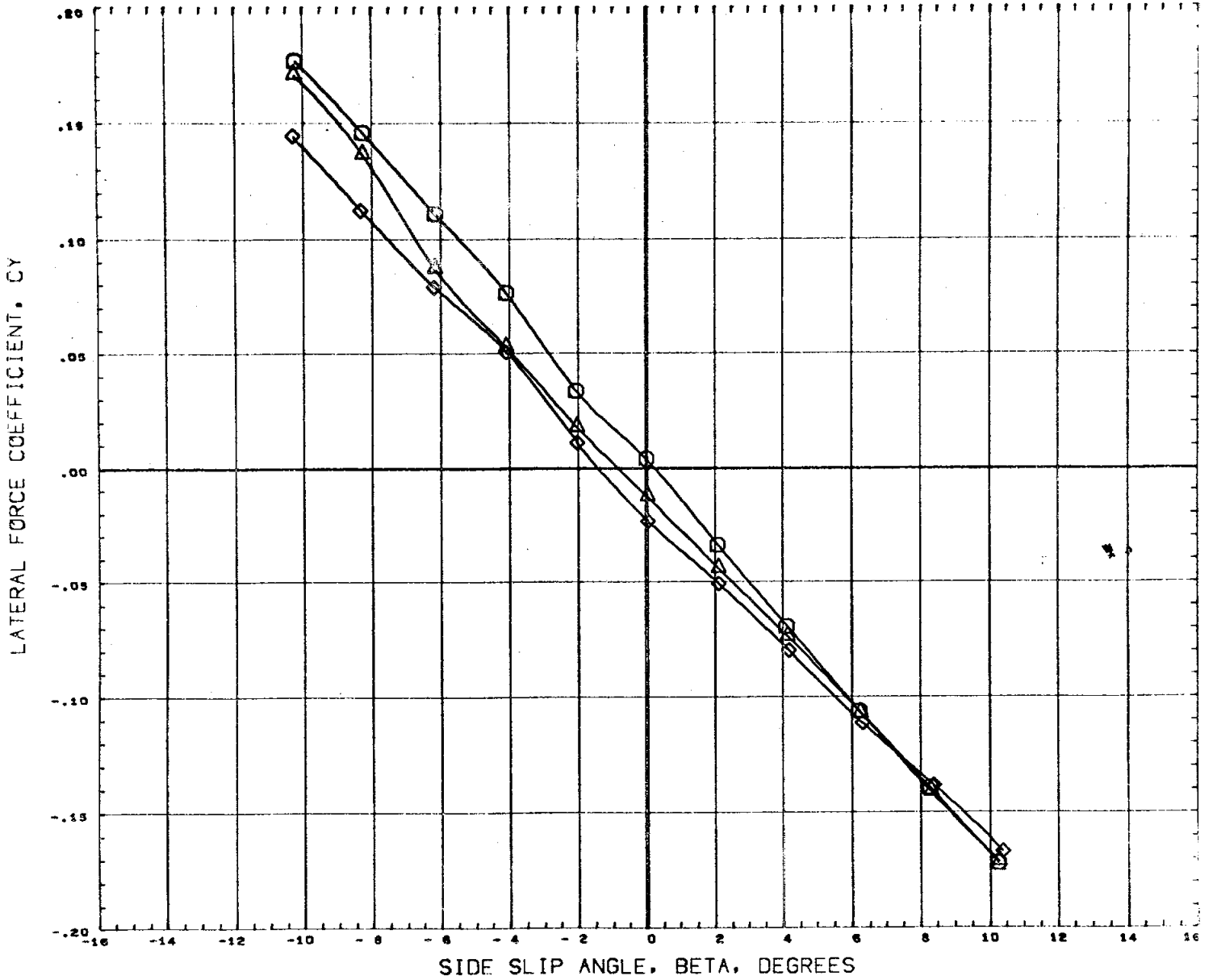
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .60

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



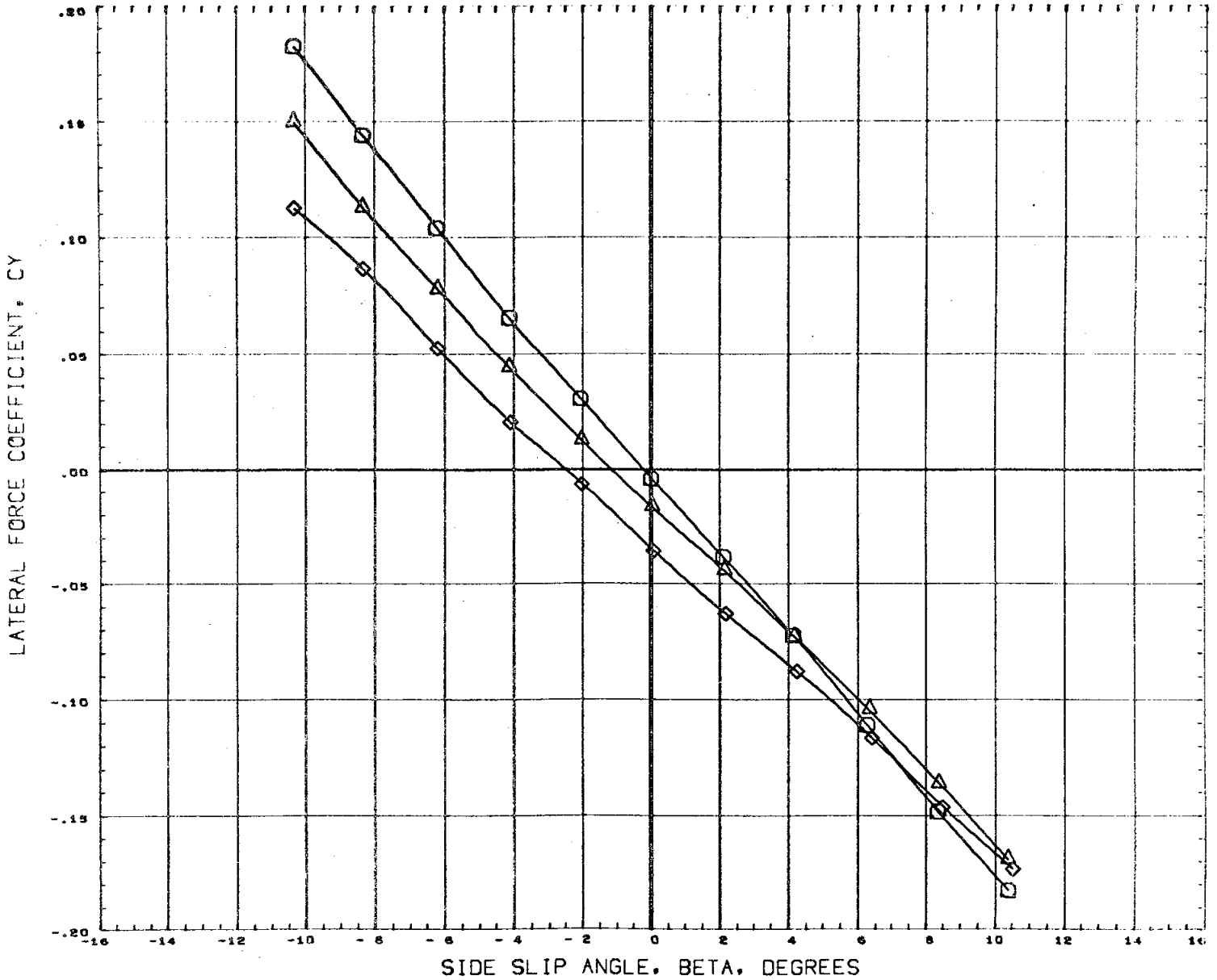
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH

.91



# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

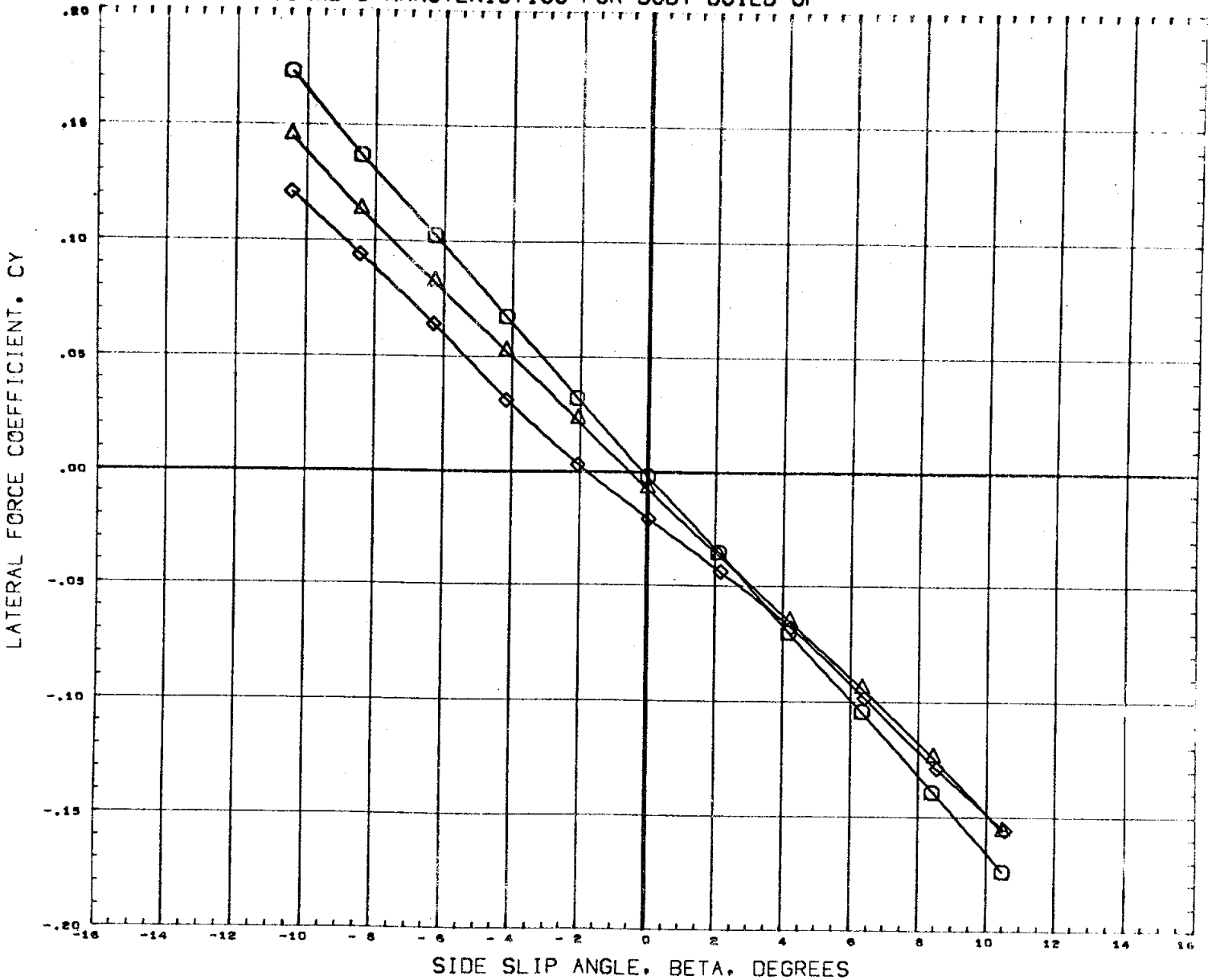


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

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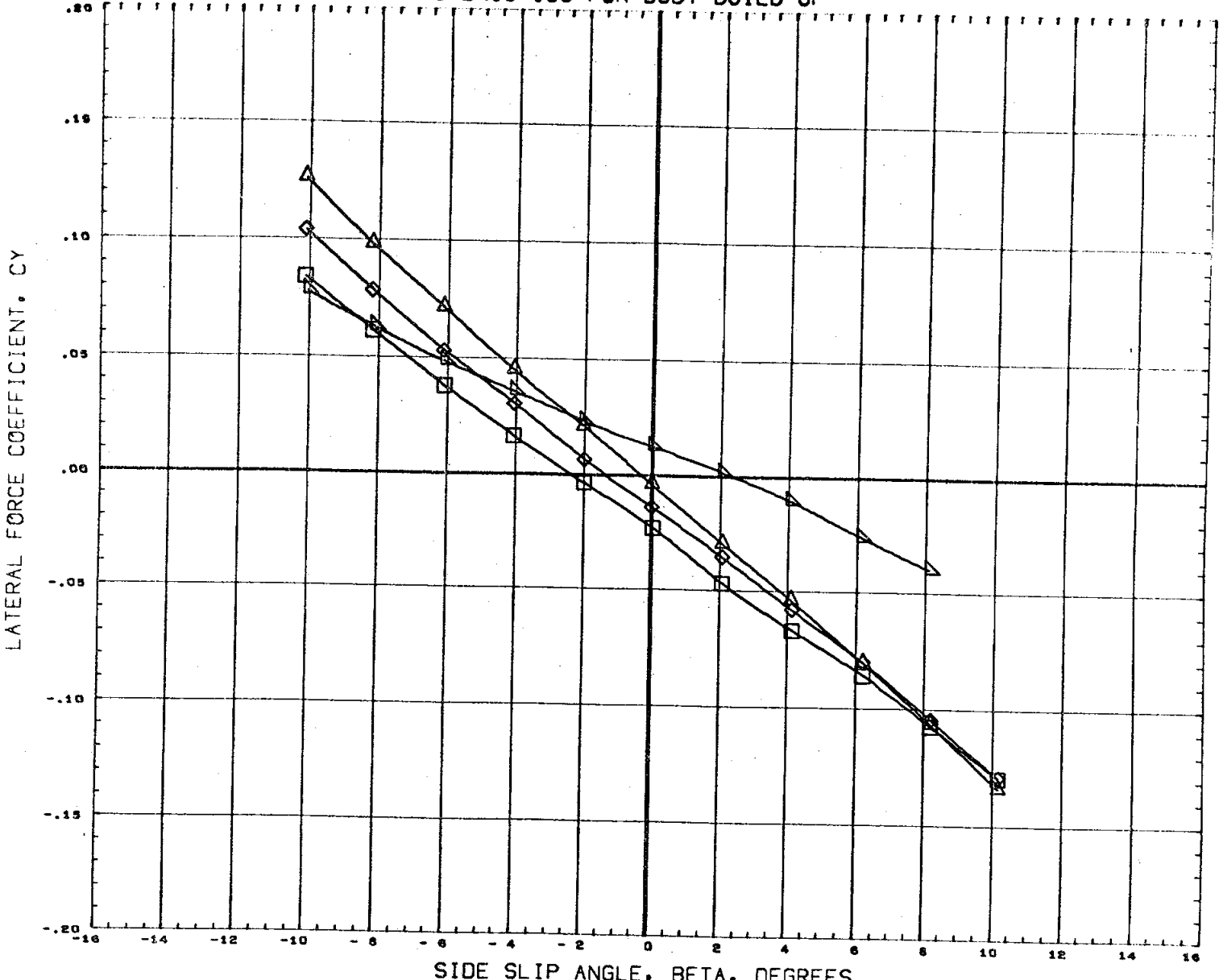
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.96

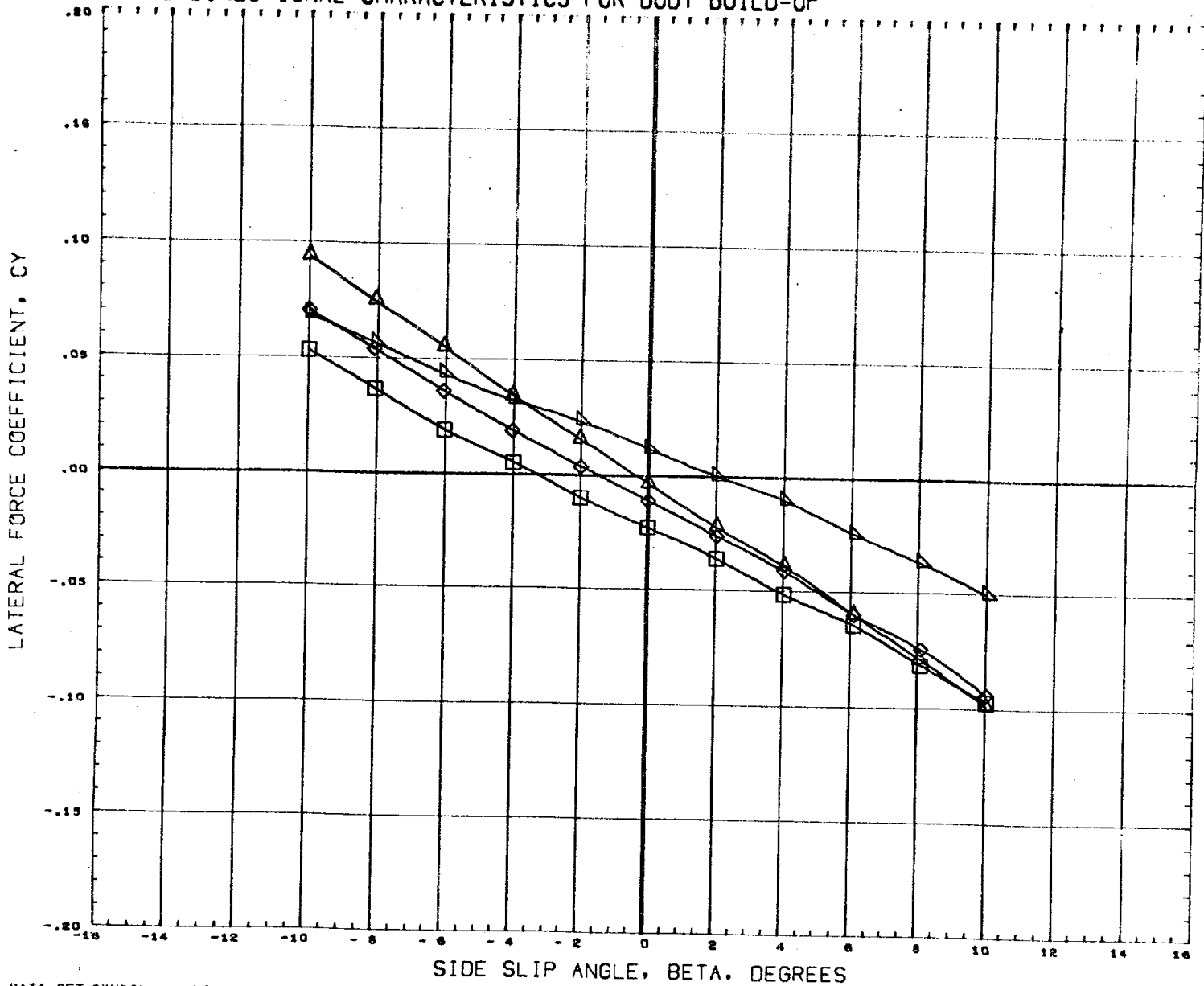
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XHRP 3.4550 IN.
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	50.000	0.000	10.000	0.000	YHRP 0.0000 IN. ZHRP 0.0000 IN. SCALE 0.0040

MACH 2.99

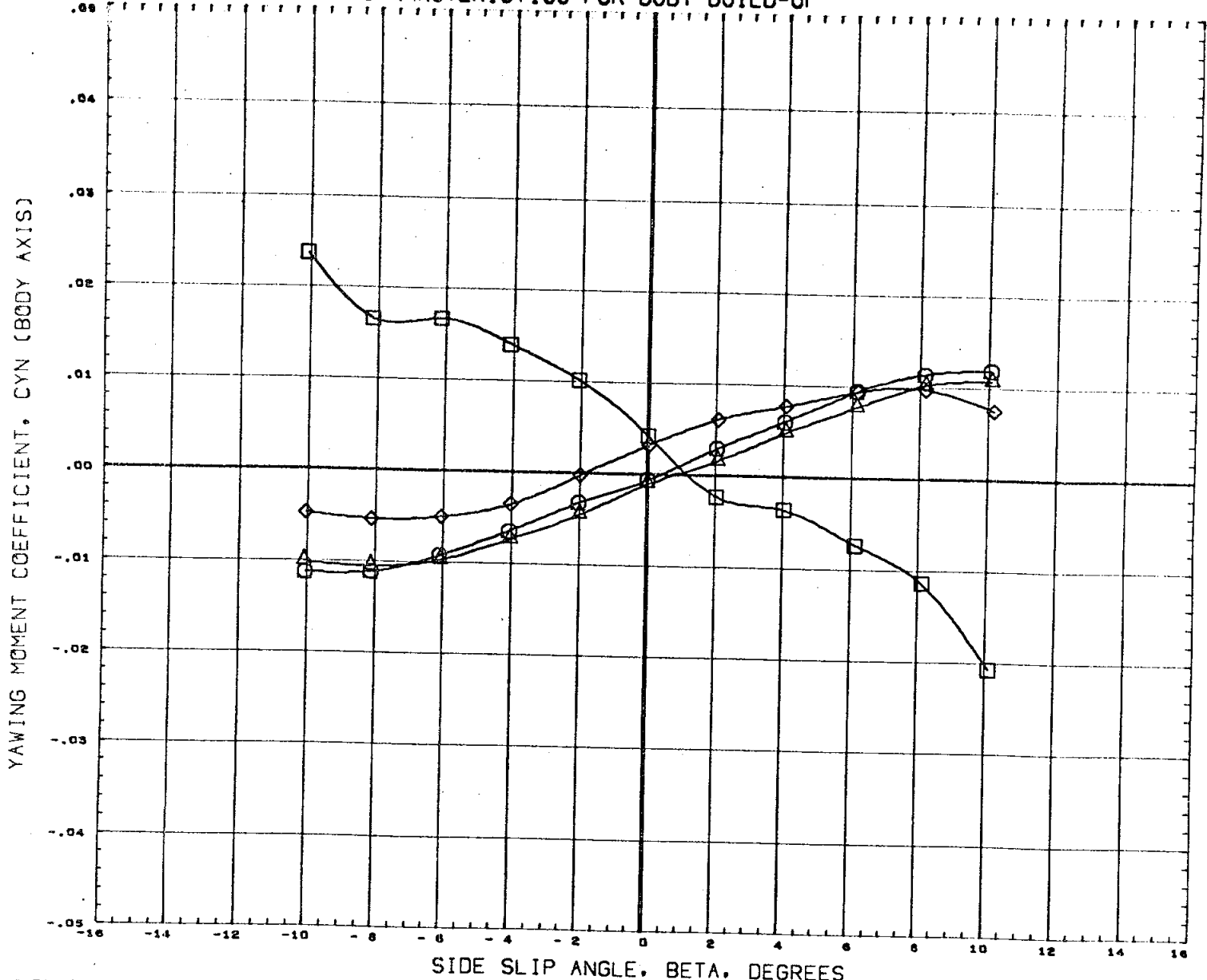
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

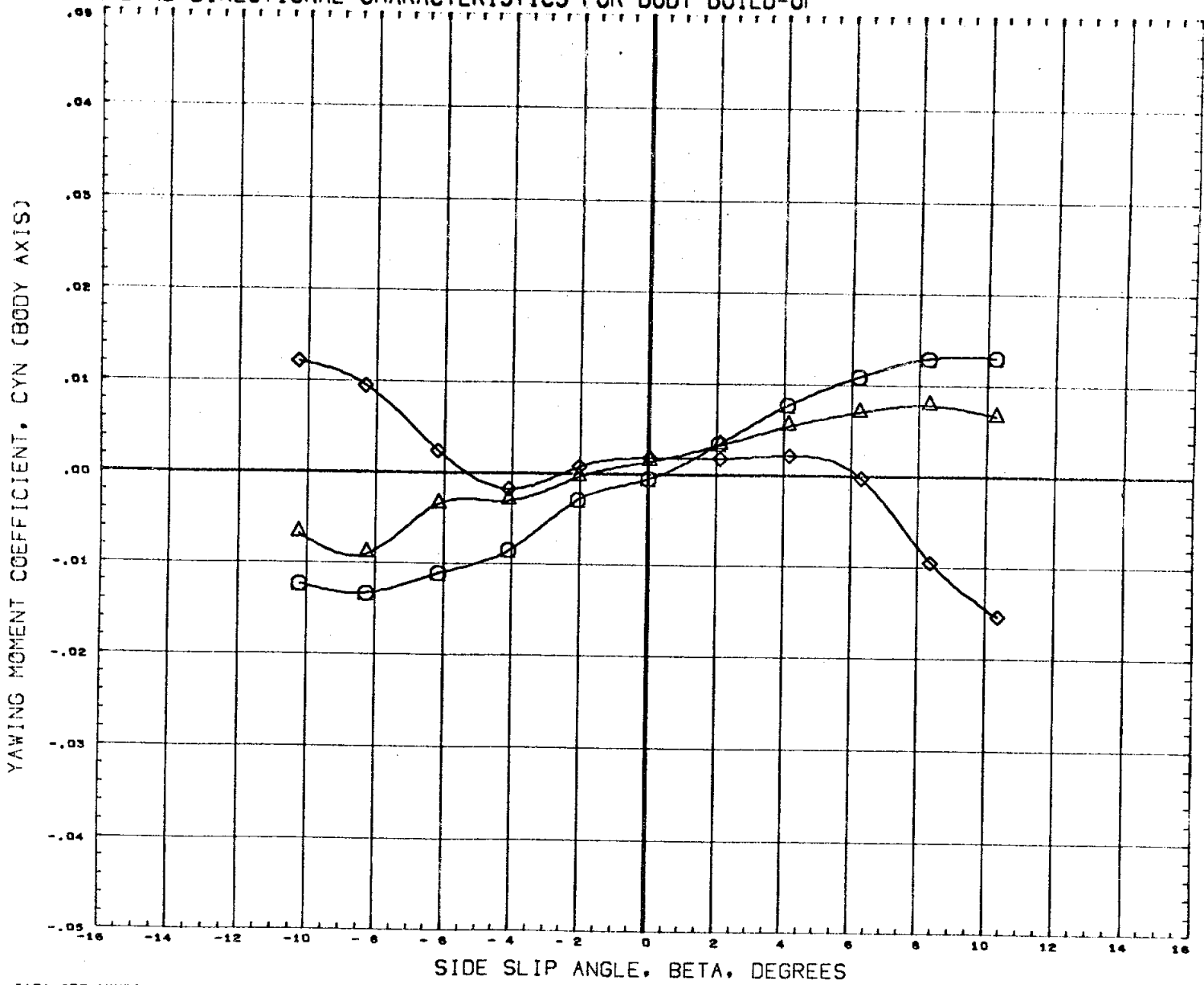
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XHRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YHRP 0.0000 IN. ZHRP 0.0000 IN. SCALE 0.0040

MACH .60

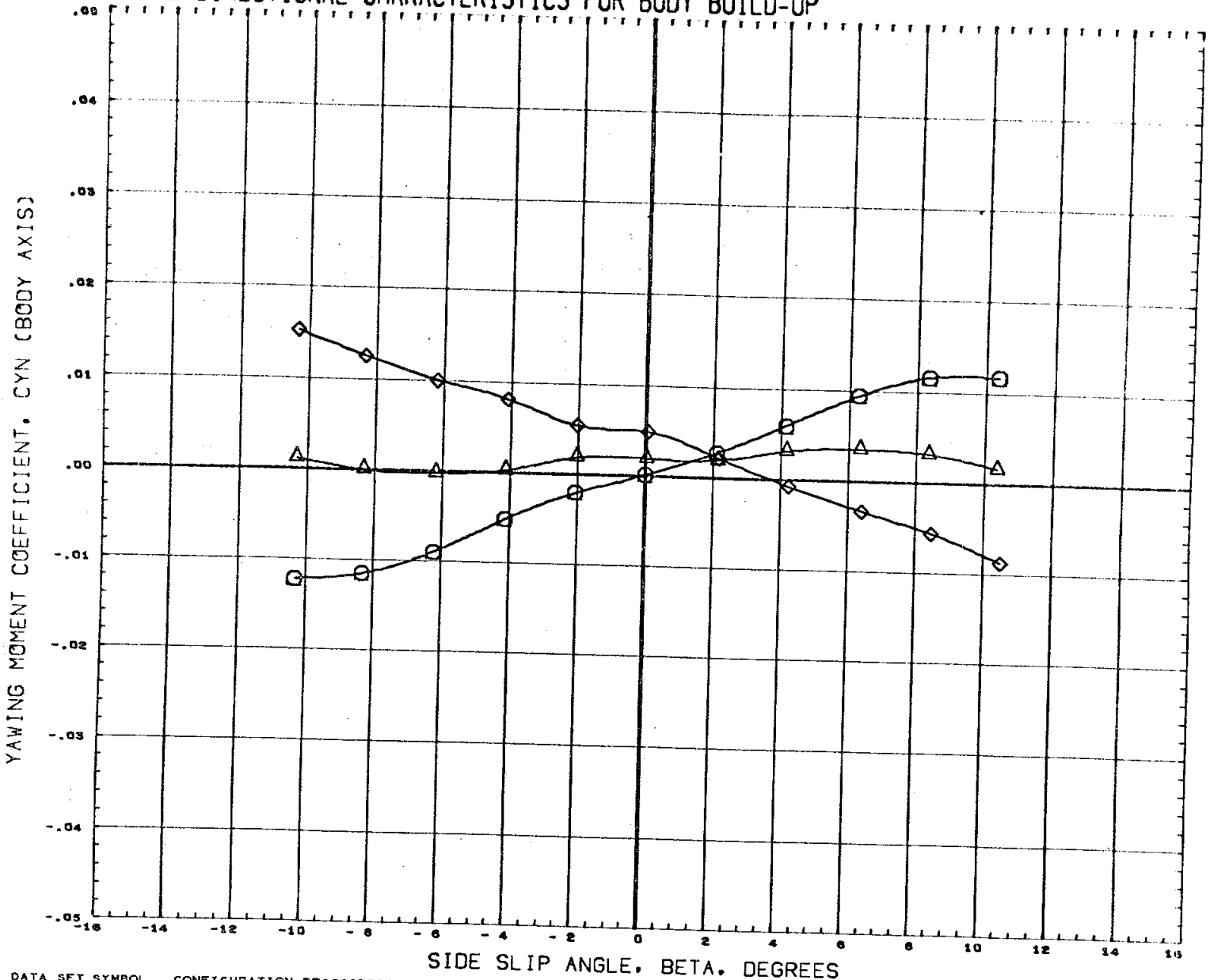
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 50. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	SREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .91

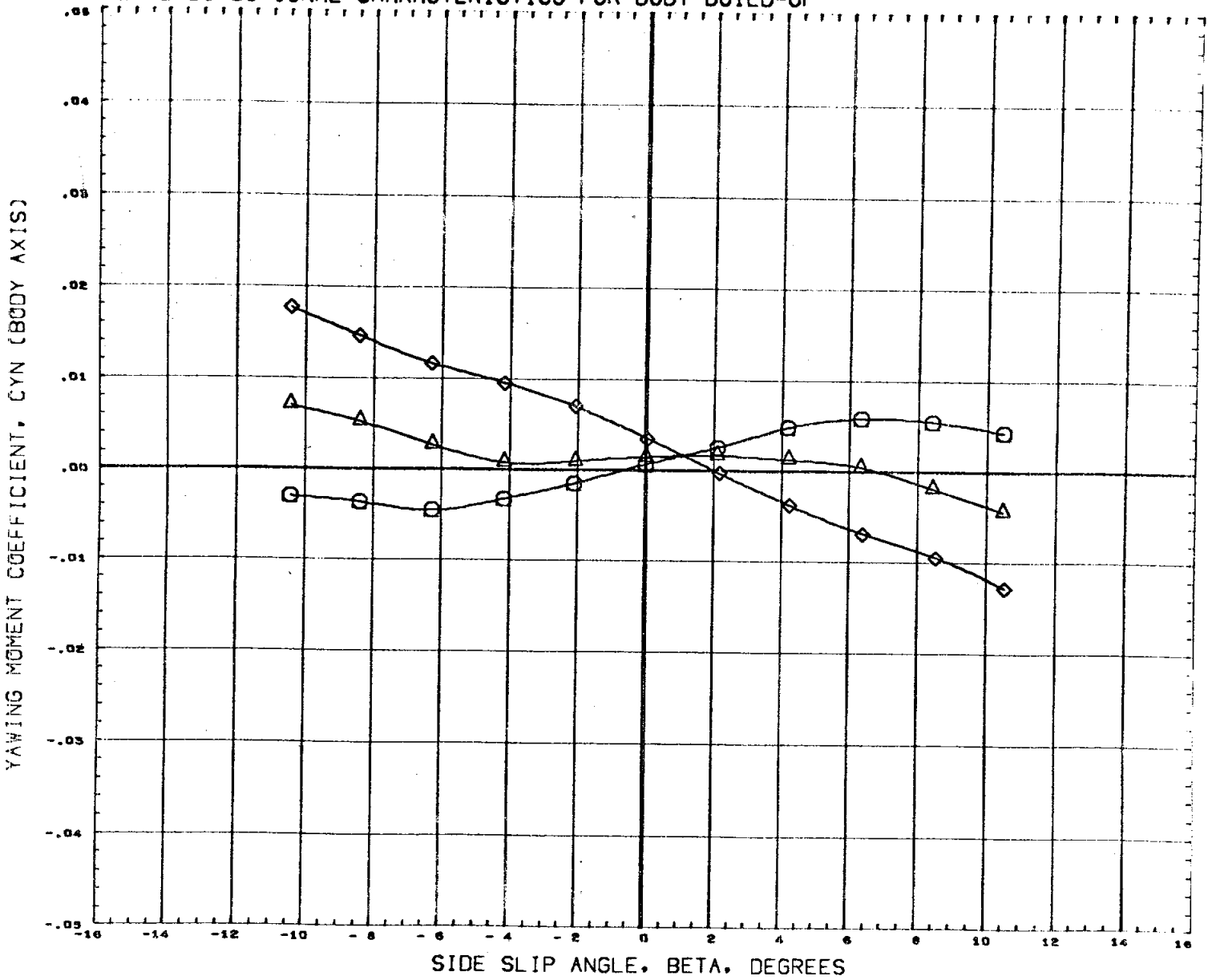
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XHRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YHRP 0.0000 IN. ZHRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

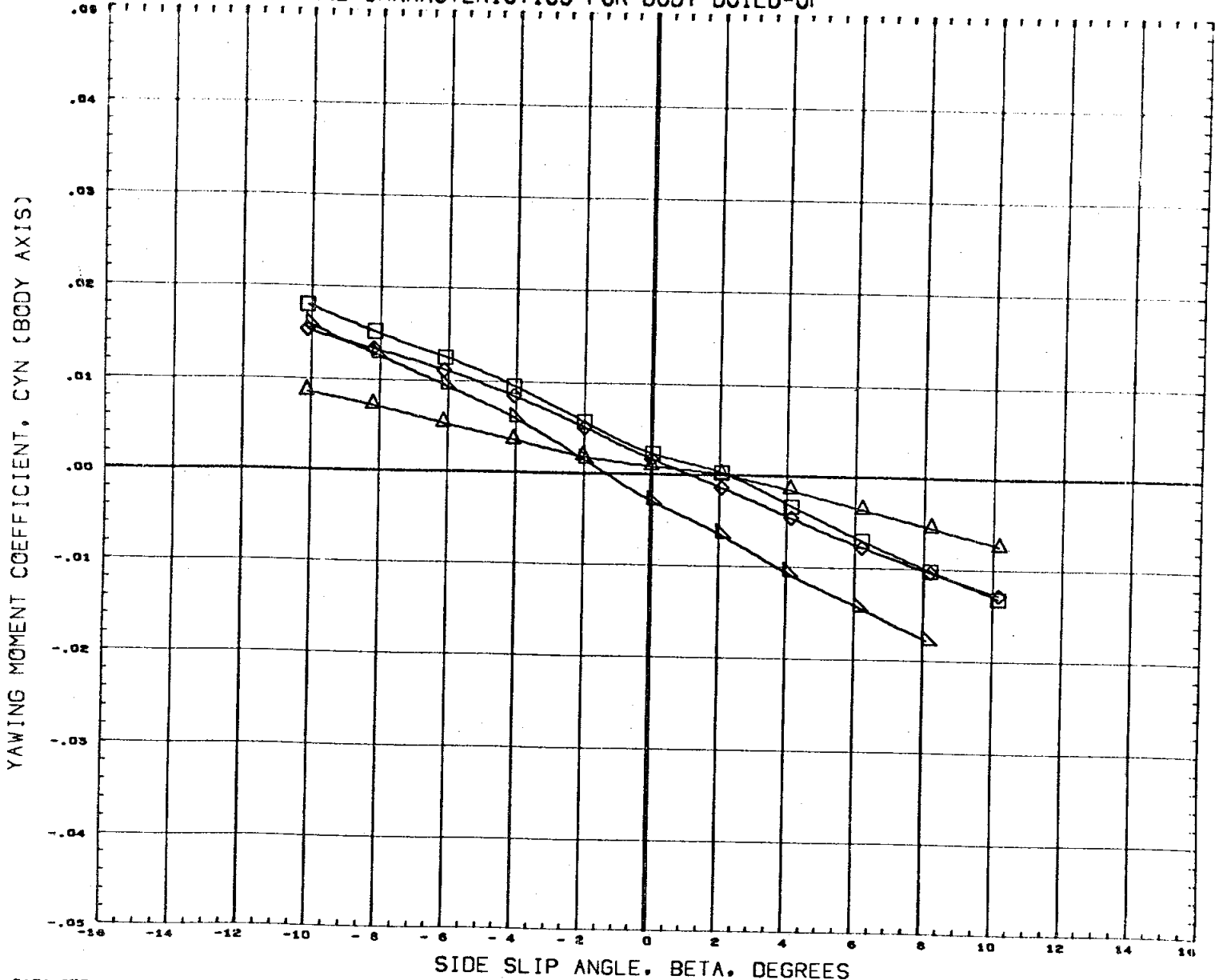


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.96



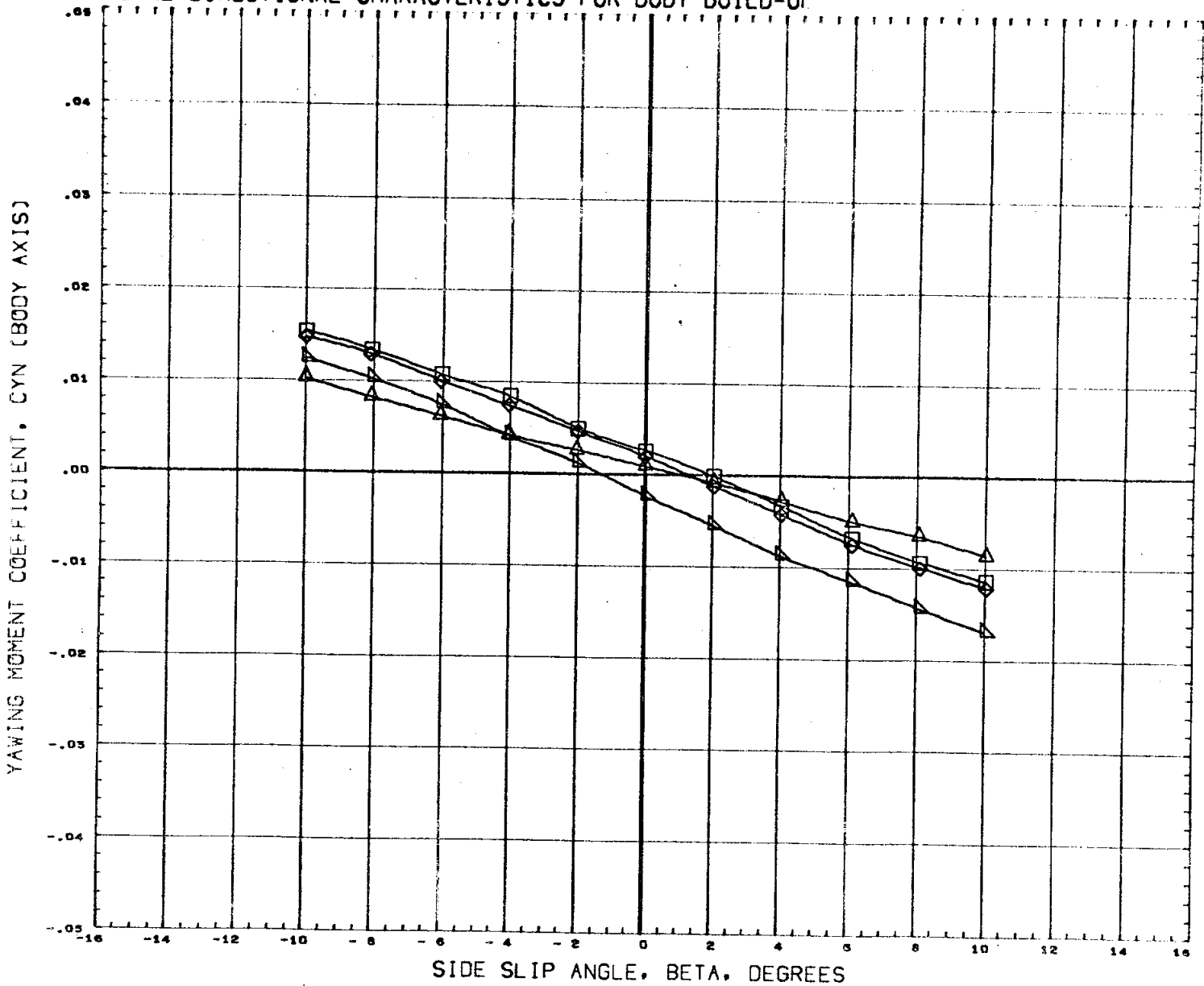
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION	
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF	7.4190 Sq. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF	2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF	4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP	3.4530 IN.
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	50.000	0.000	10.000	0.000	YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH 2.99

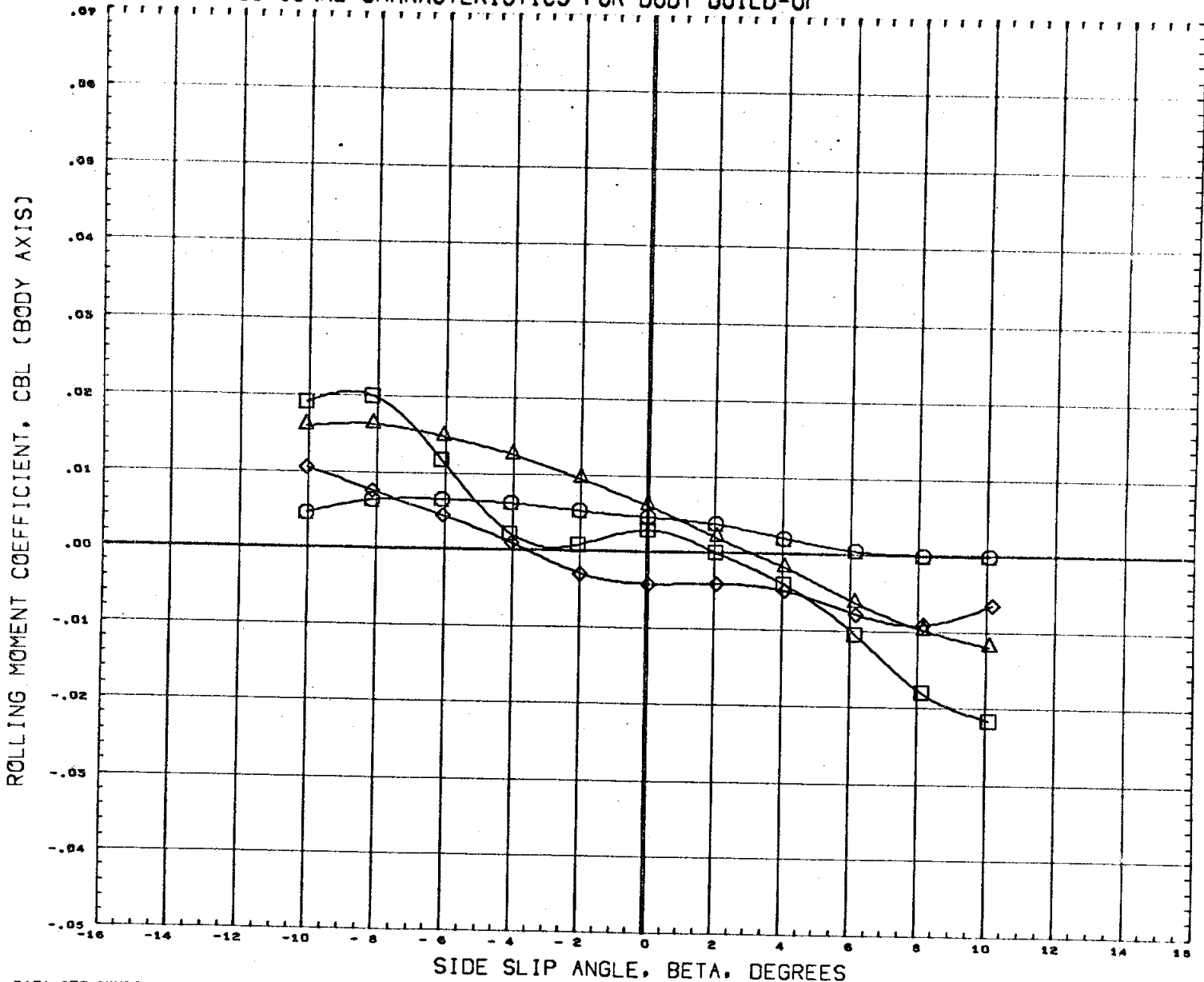
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	3.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	3.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	50.000	3.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

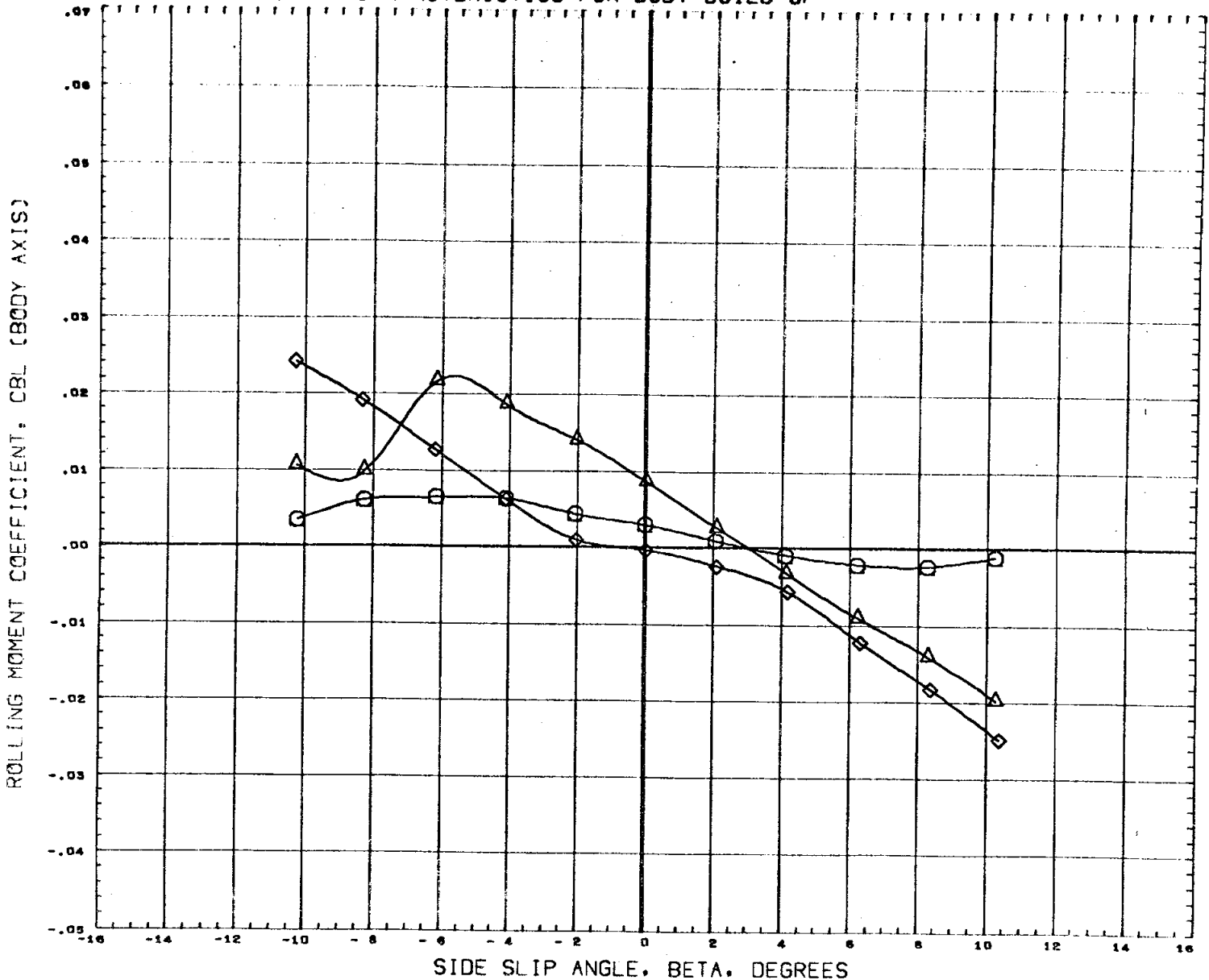
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .60

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

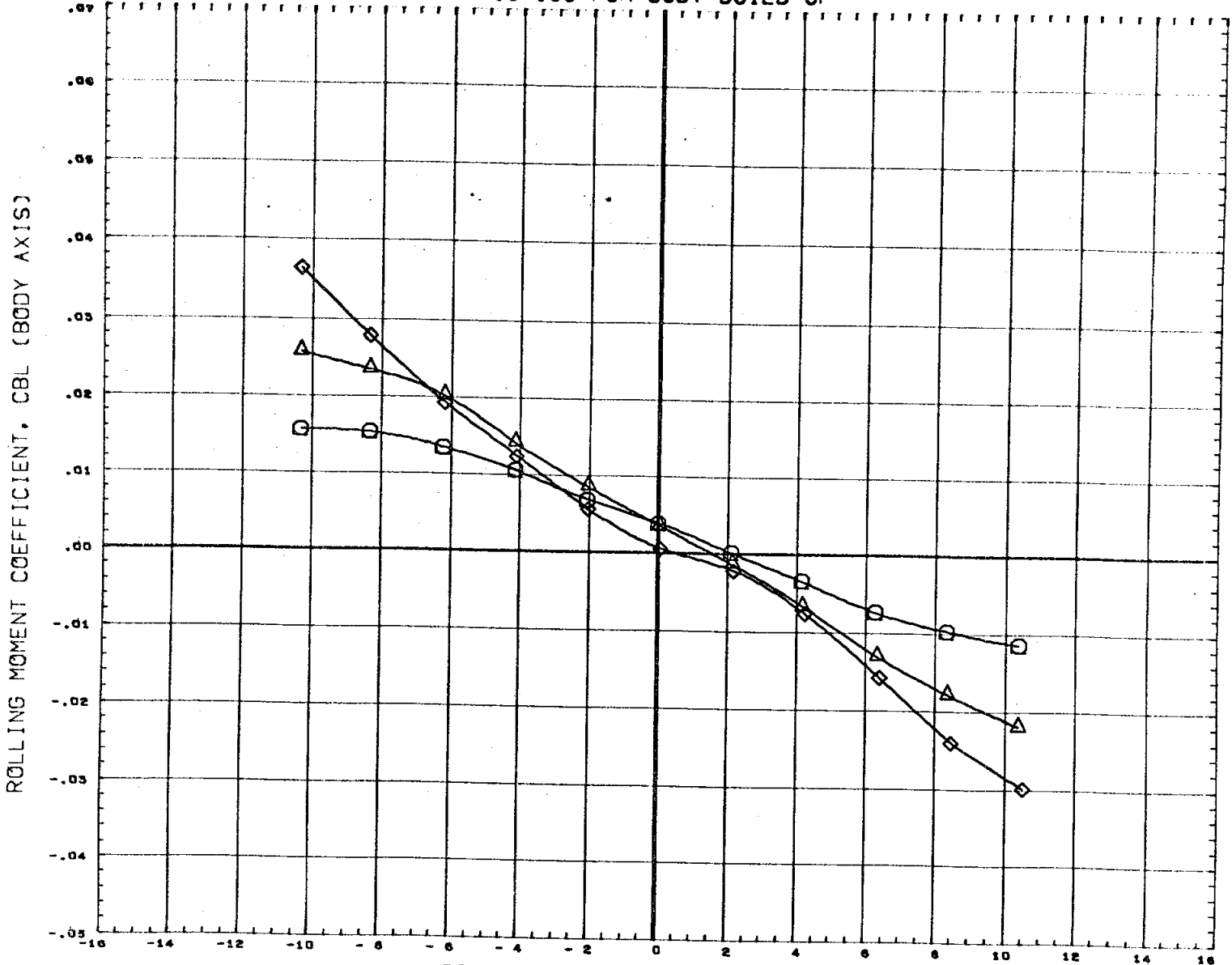


SIDE SLIP ANGLE, BETA, DEGREES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	M555(FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	40.000	0.000	10.000	0.000	YMRP 0.0000 IN.
	DATA NOT AVAILABLE FOR ALL CONDITIONS					ZMRP 0.0000 IN.
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MACH .91

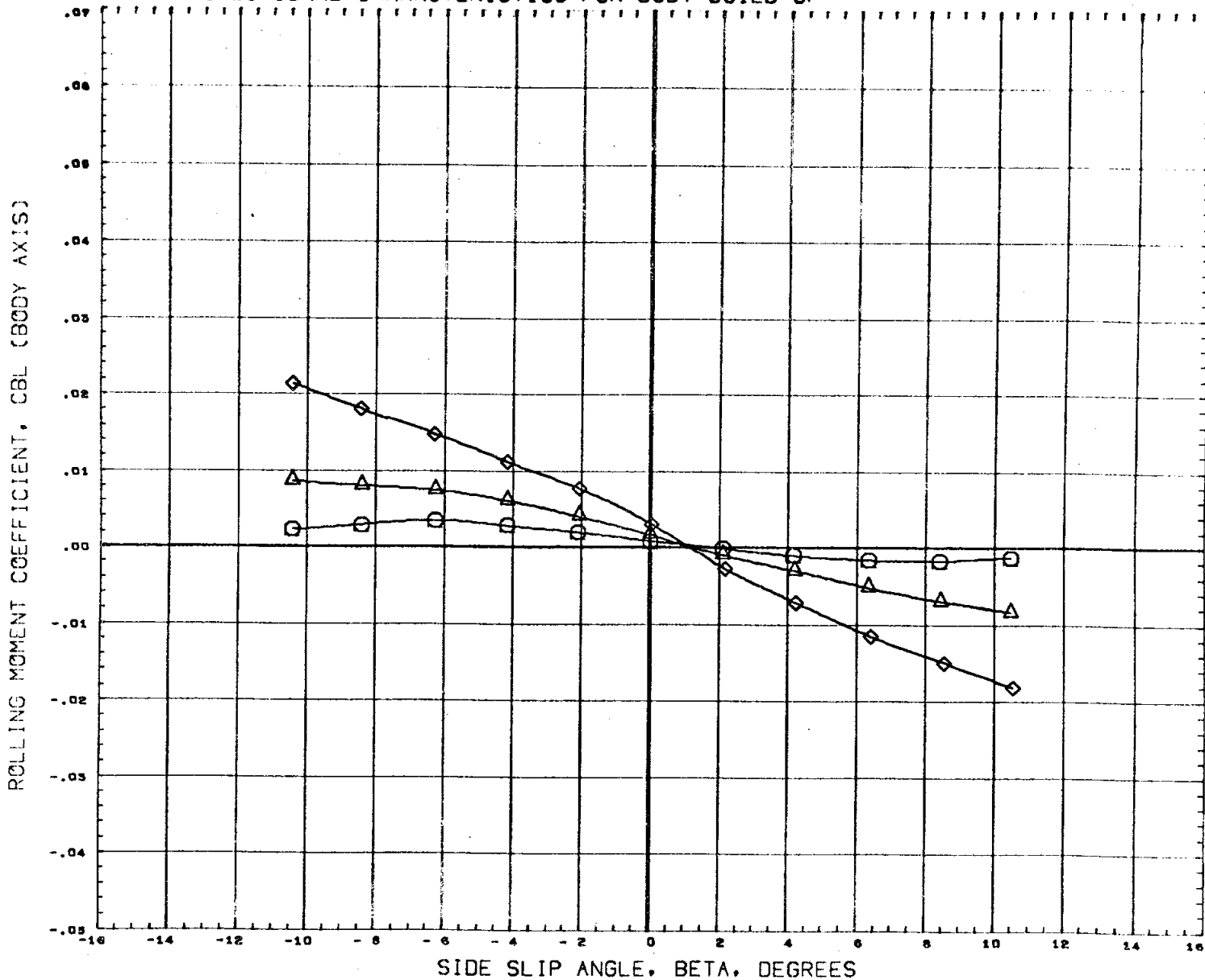
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

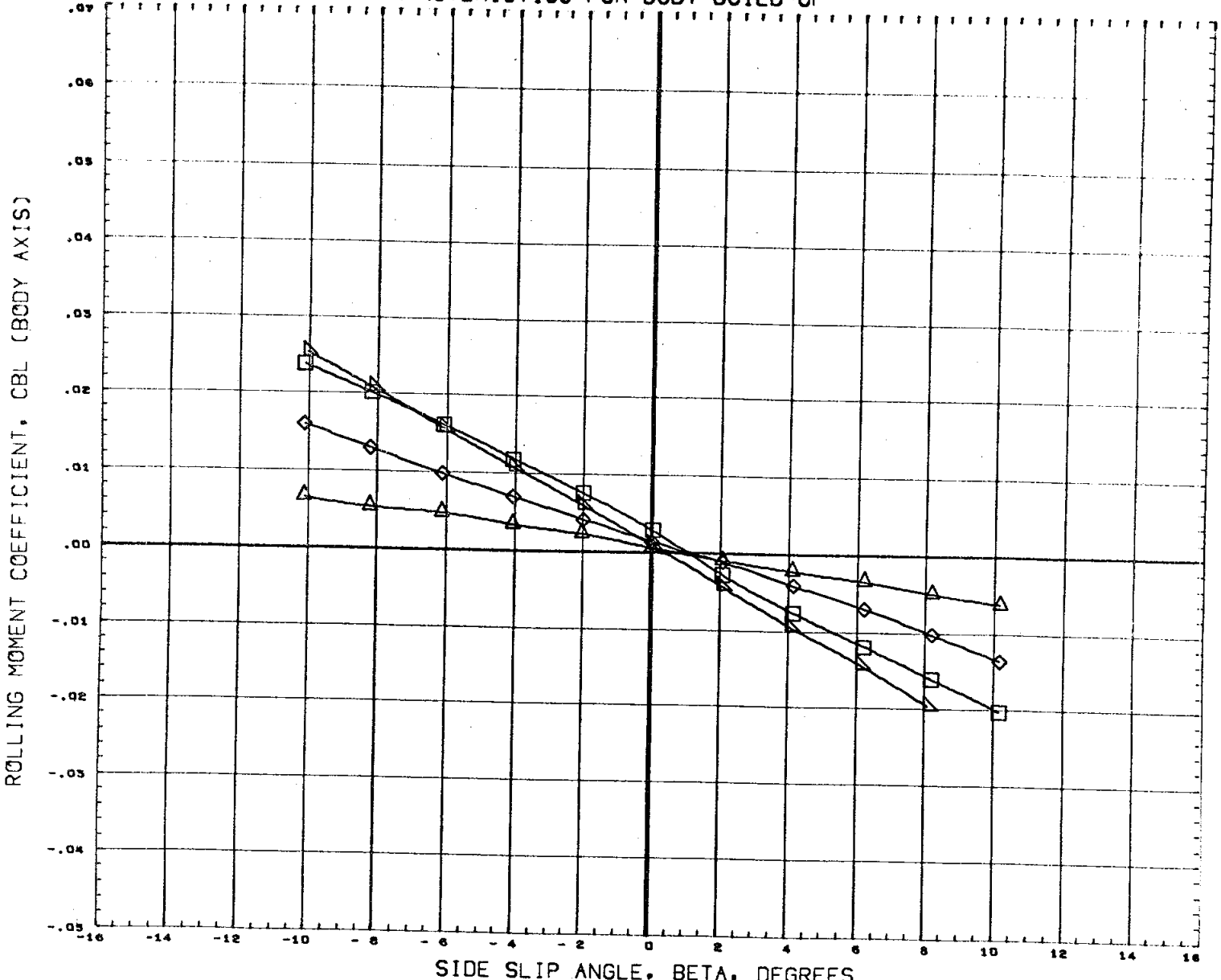
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	DATA NOT AVAILABLE FOR ALL CONDITIONS	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.96

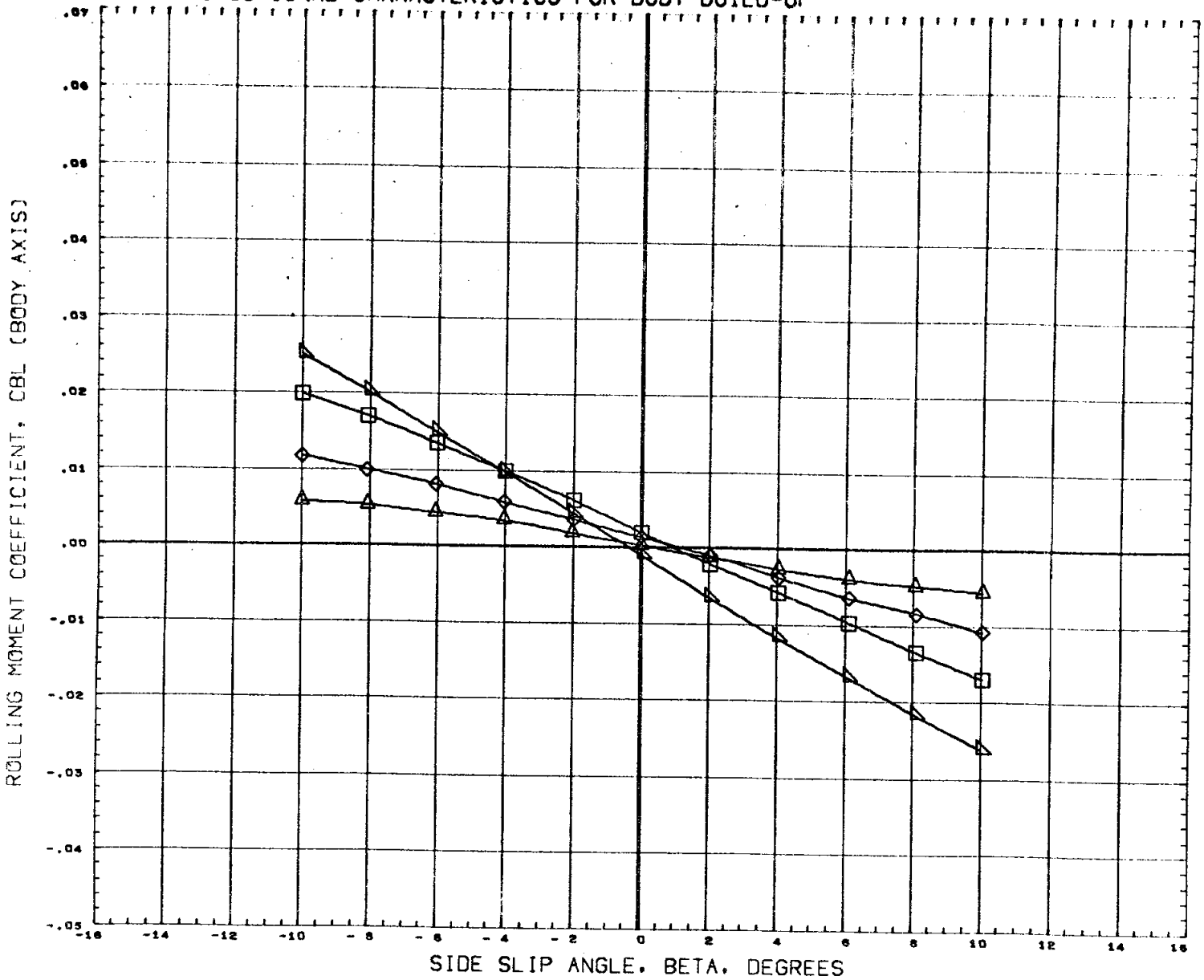
# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	50.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

# LATERAL-DIRECTIONAL CHARACTERISTICS FOR BODY BUILD-UP

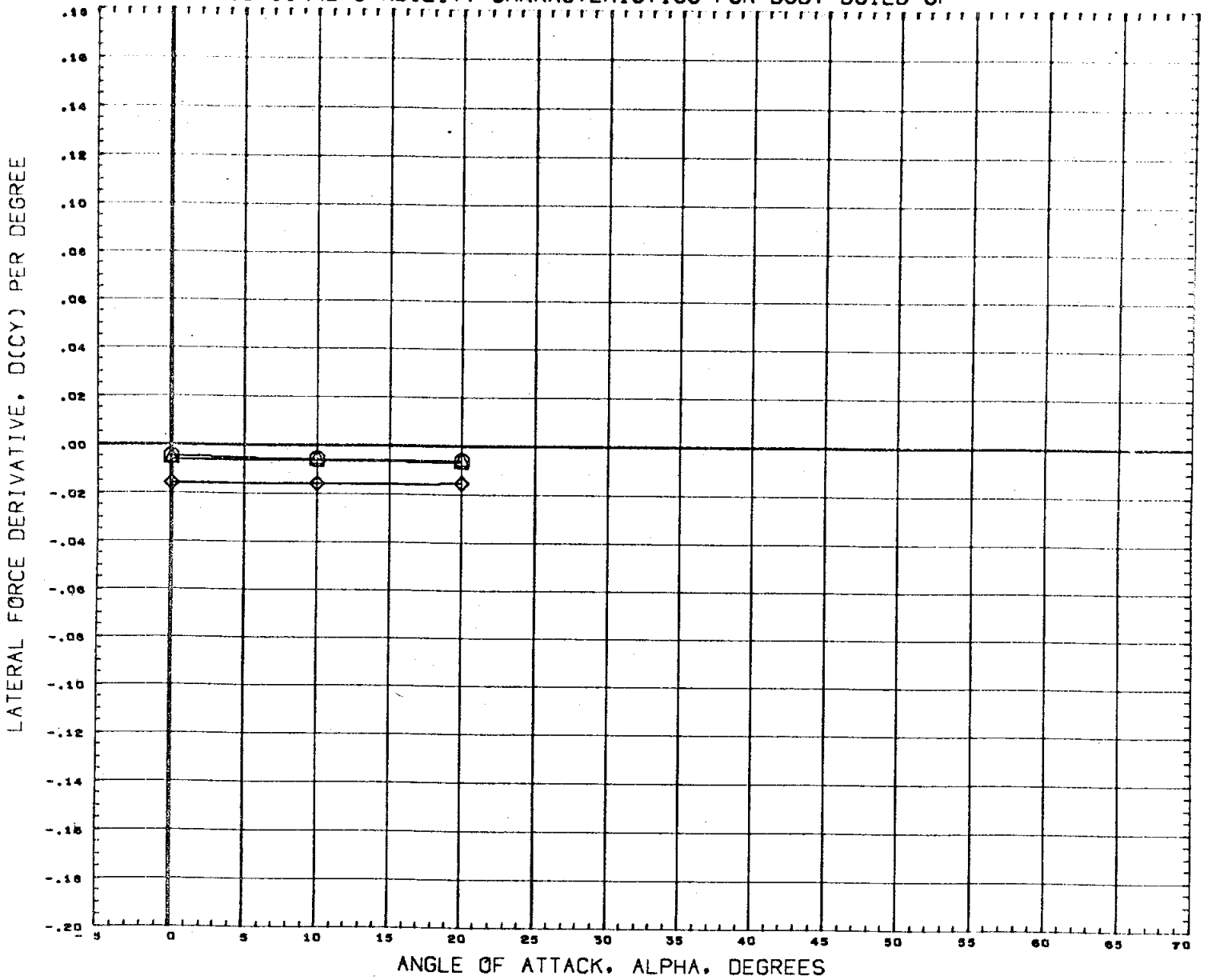


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	XMRP 3.4530 IN.
(A76308)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96



# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP

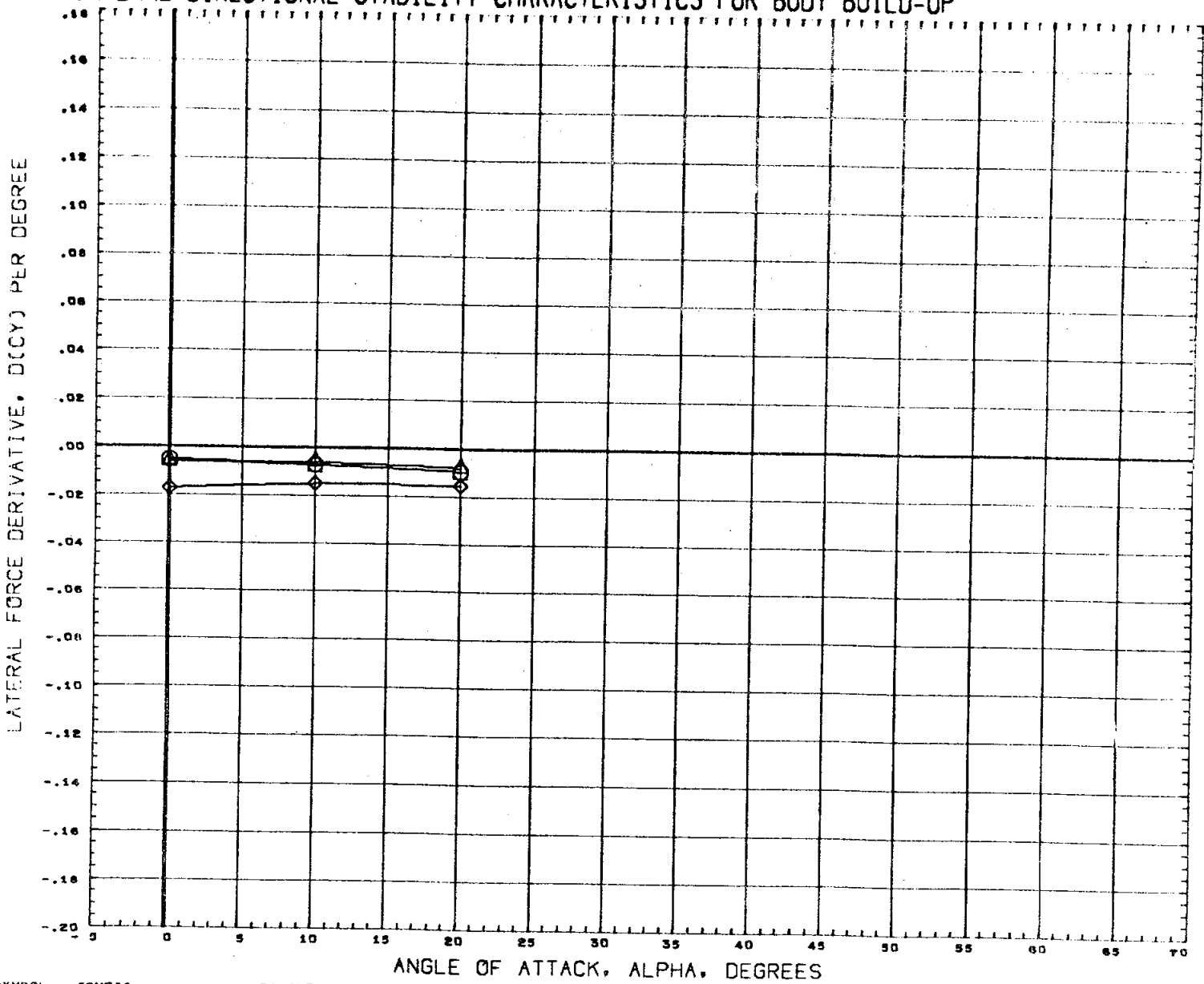


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△	2.000	
◇	3.000	

REFERENCE INFORMATION		
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LREF	2.1020	IN.
BREF	4.0300	IN.
XMRF	3.4530	IN.
YMRF	0.0000	IN.
ZMRF	0.0000	IN.
SCALE	0.0040	

DATA HIST. CODE I

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



SYMBOL	CONFIG	PARAMETRIC VALUES
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△	2.000	
◇	3.000	

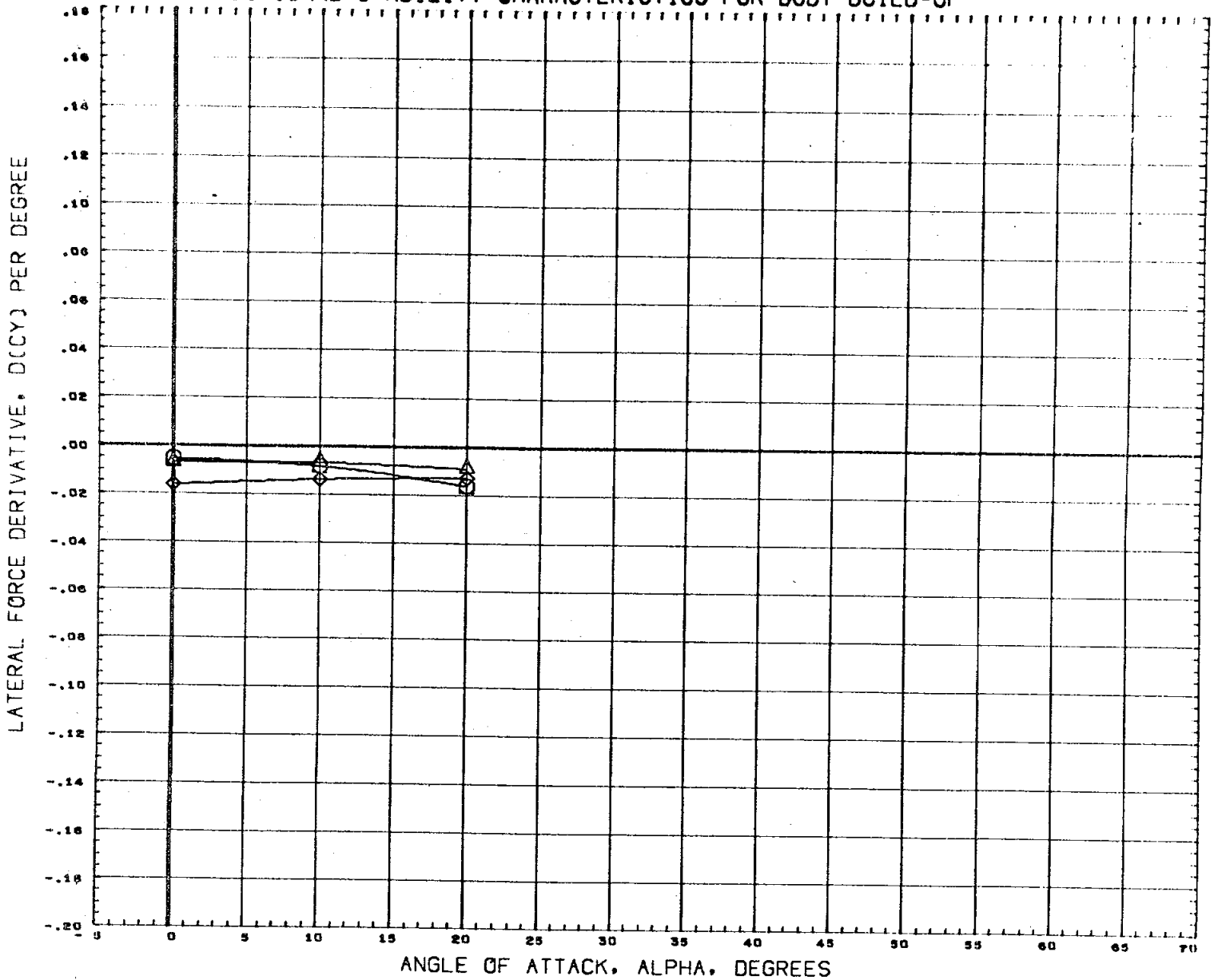
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LREF	2.1020	in.
BREF	4.0300	in.
XMRP	3.4530	in.
YMRP	0.0000	in.
ZMRP	0.0000	in.
SCALE	0.0040	

DATA HIST. CODE I

M555(FA3) NAR ATP ORB (B1C1D1F1M1)

(Z76104) 04 NOV 72 PAGE 548

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



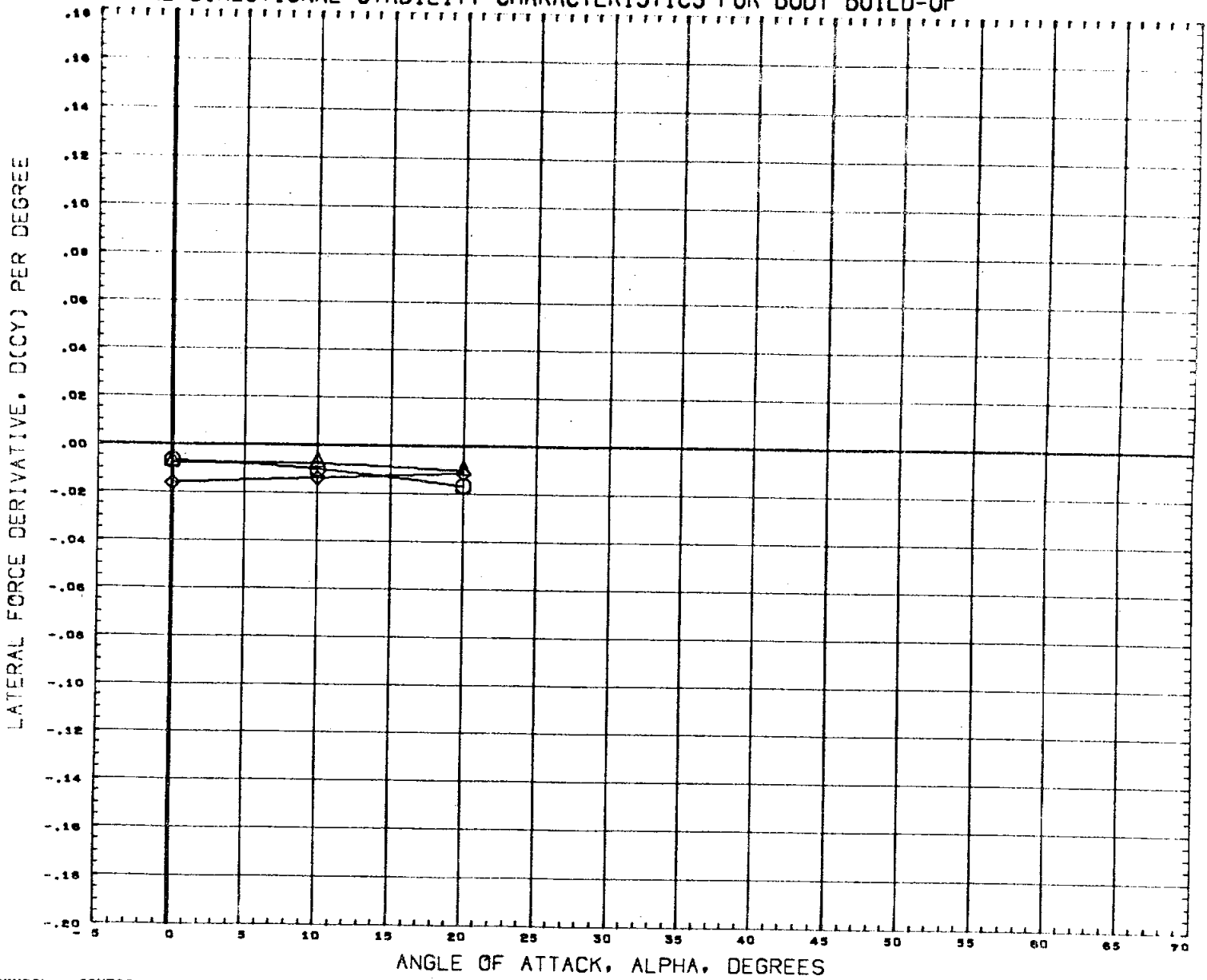
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△	2.000
◇	3.000

PARAMETRIC VALUES  
 MACH 1.200

REFERENCE INFORMATION		
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LREF	2.1020	IN.
BREF	4.0300	IN.
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YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

DATA HIST. CODE I

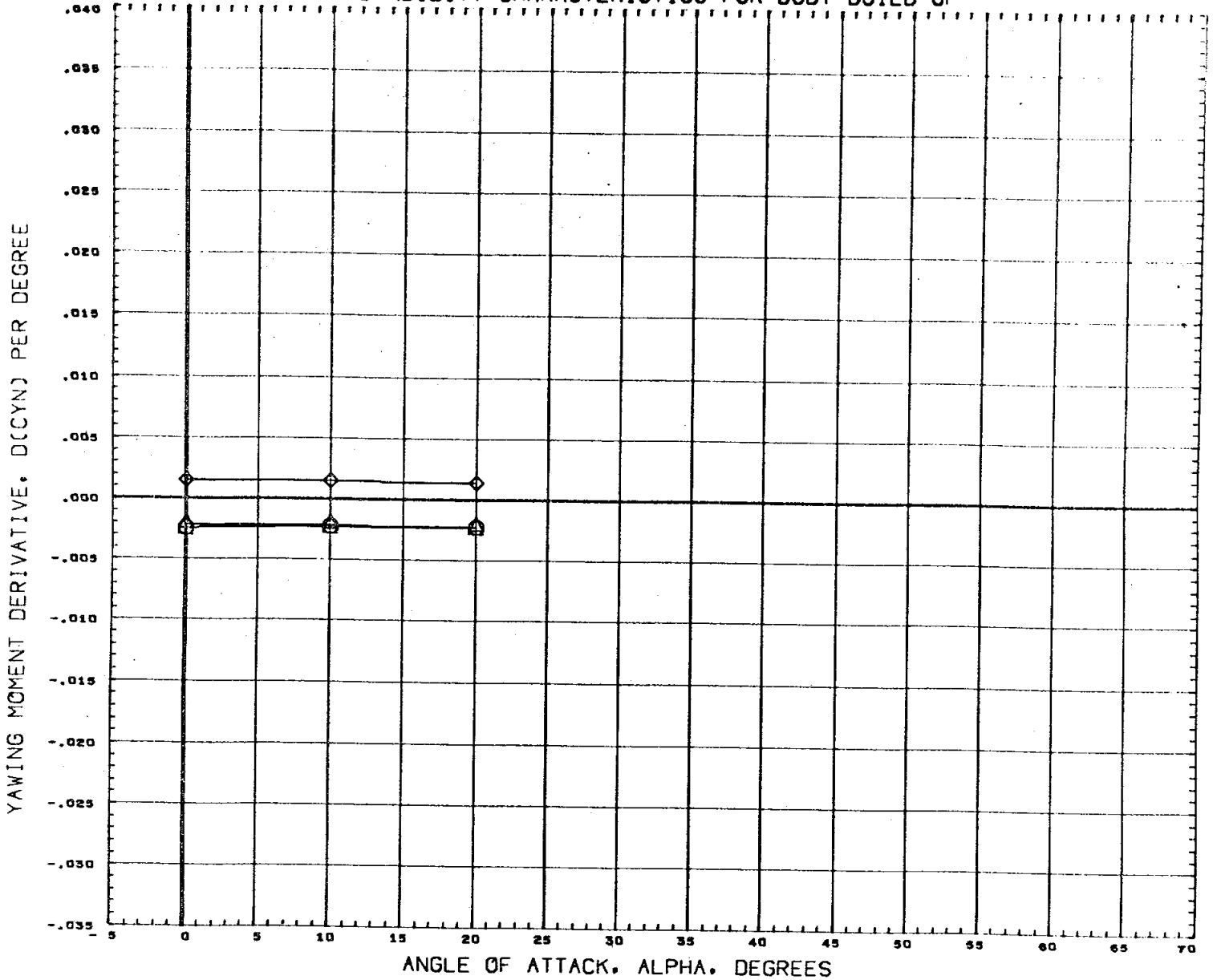
# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



SYMBOL	CONFIG	PARAMETRIC VALUES	REFERENCE INFORMATION
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◇	2.000		LREF 2.1020 IN.
◇	3.000		BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

DATA HIST. CODE 1

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP

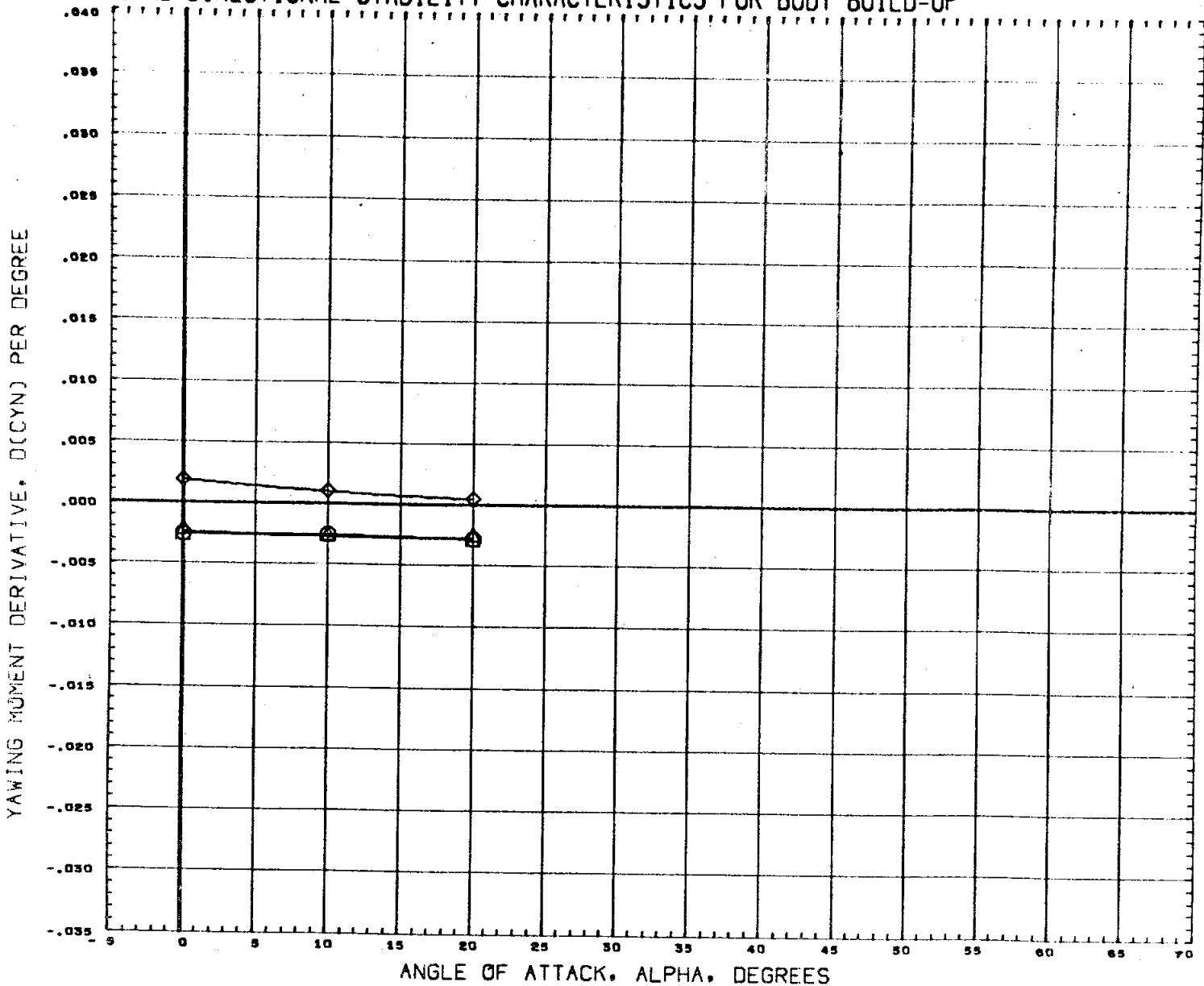


SYMBOL    CONFIG    PARAMETRIC VALUES  
 ◇        1.000    MACH        0.600  
 ◇        2.000  
 ◇        3.000

REFERENCE INFORMATION  
 SREF        7.4190        SQ. IN.  
 LREF        2.1020        IN.  
 BREF        4.0300        IN.  
 XMRP        3.4530        IN.  
 YMRP        0.0000        IN.  
 ZMRP        0.0000        IN.  
 SCALE        0.0040

DATA HIST. CODE    I

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



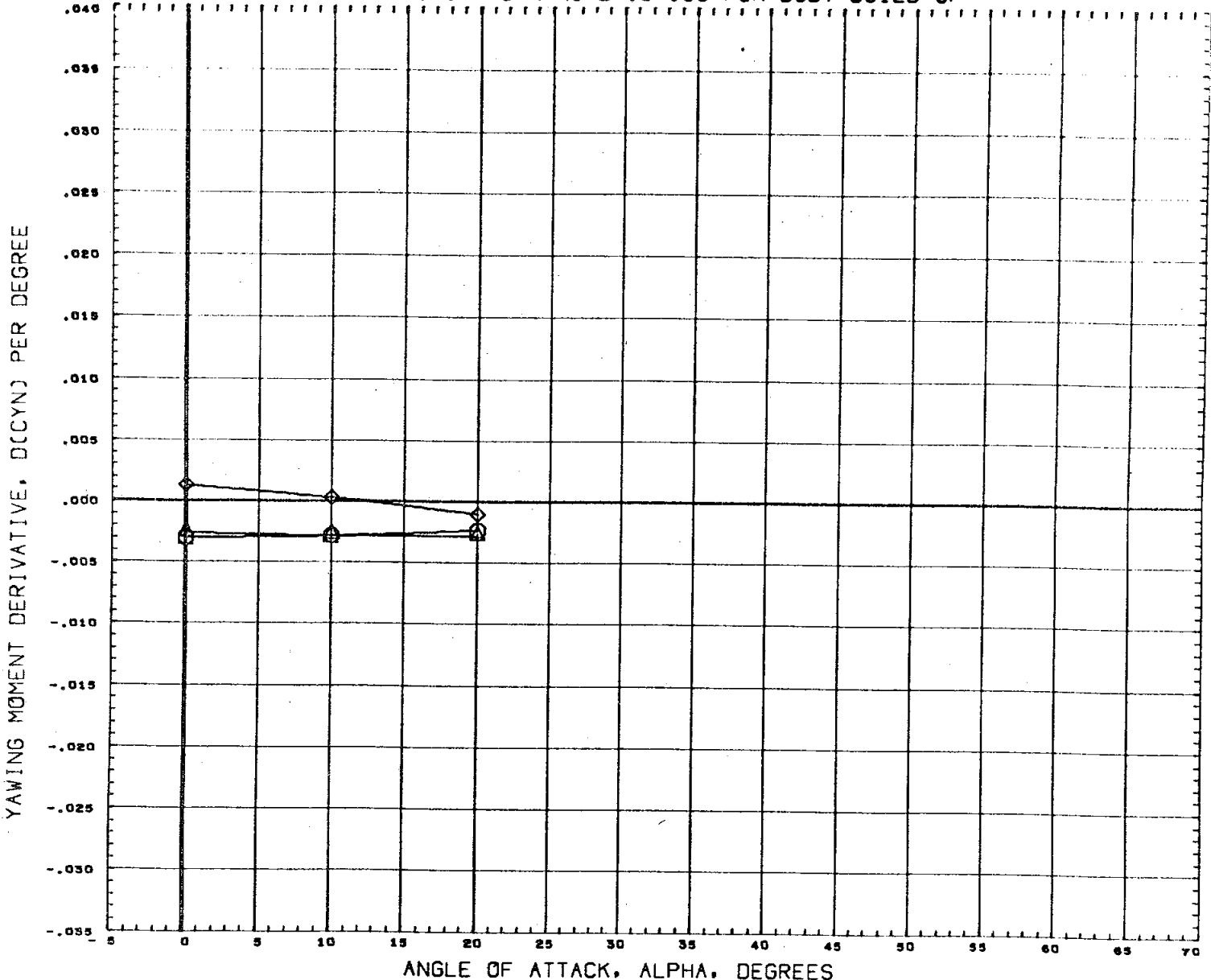
SYMBOL  
 ○ 1.000  
 ◻ 2.000  
 ◊ 3.000

CONFIG 1.000  
 MACH 0.900  
 PARAMETRIC VALUES

REFERENCE INFORMATION  
 SREF 7.4190 SQ. IN.  
 LREF 2.1020 IN.  
 BREF 4.0300 IN.  
 XMRP 3.4530 IN.  
 YMRP 0.0000 IN.  
 ZMRP 0.0000 IN.  
 SCALE 0.0040

DATA HIST. CODE I

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



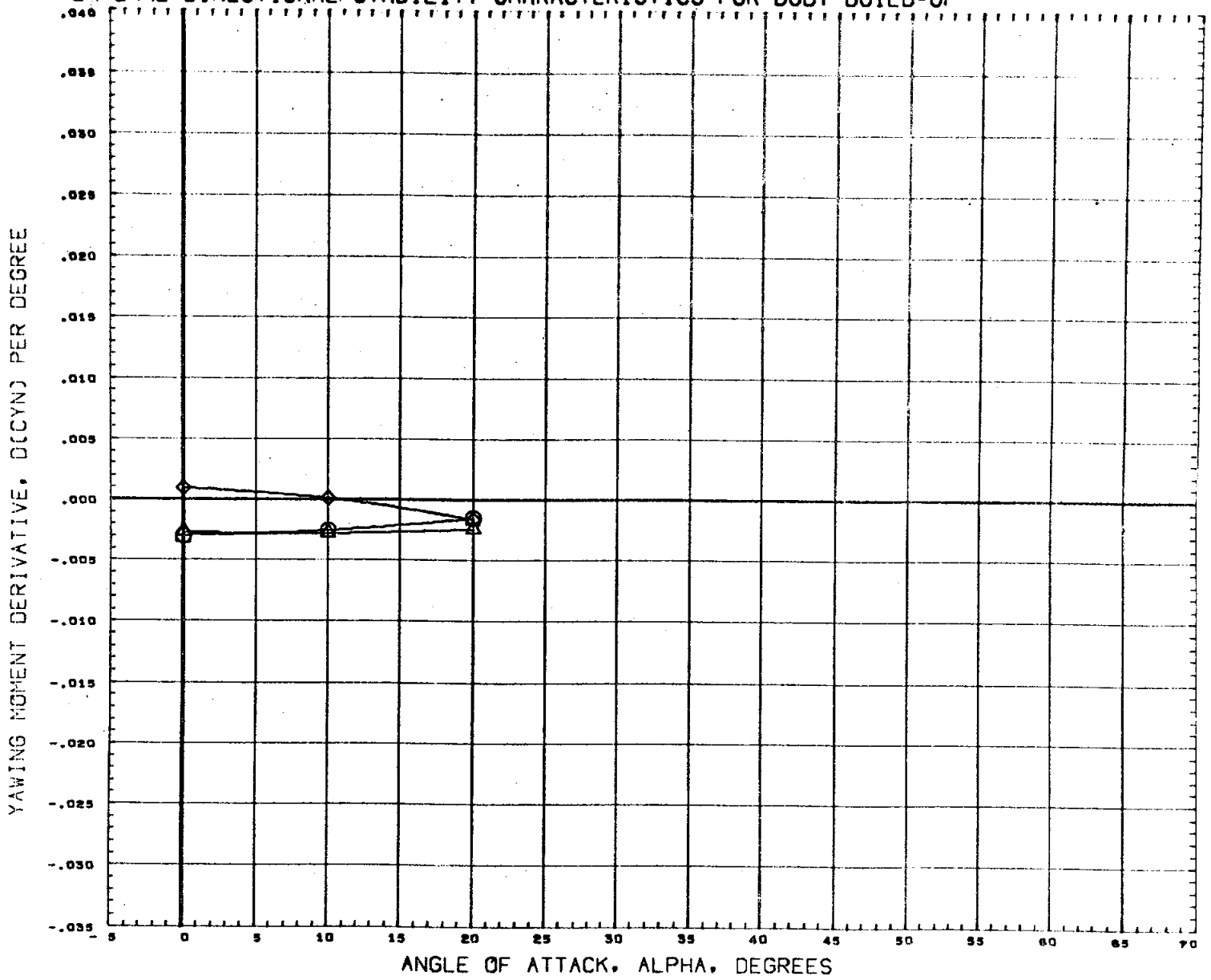
SYMBOL  
 □ 1.000  
 ◇ 2.000  
 △ 3.000

CONFIG 1.000 MACH 1.200  
 PARAMETRIC VALUES

REFERENCE INFORMATION  
 SREF 7.4190 SQ. IN.  
 LREF 2.1020 IN.  
 BREF 4.0300 IN.  
 XMRP 3.4530 IN.  
 YMRP 0.0000 IN.  
 ZMRP 0.0000 IN.  
 SCALE 0.0040

DATA HIST. CODE 1

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



SYMBOL CONFIG  
 ○ 1.000  
 ◇ 2.000  
 ◊ 3.000

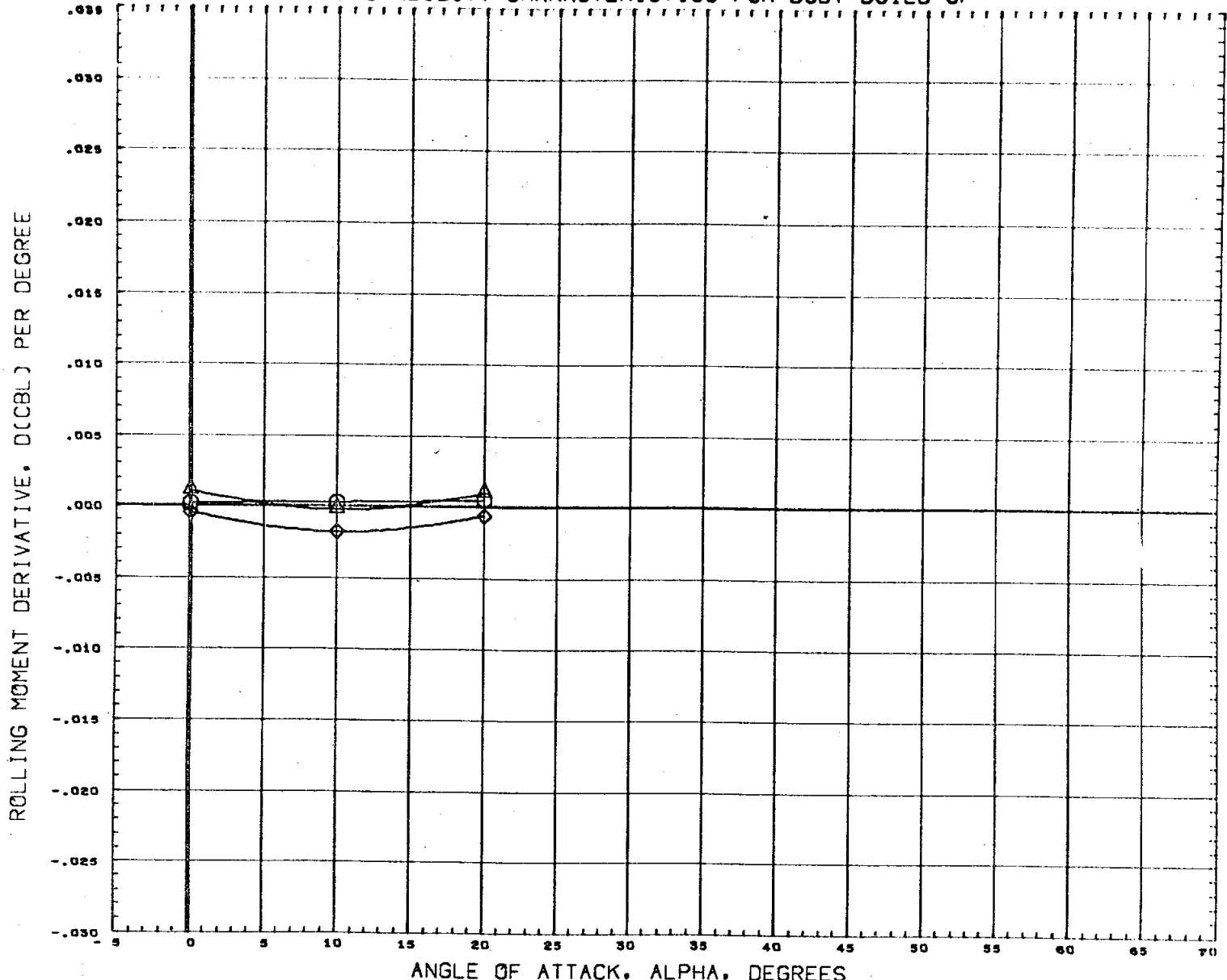
PARAMETRIC VALUES  
 MACH 1.960

REFERENCE INFORMATION  
 SREF 7.4190 SQ. IN.  
 LREF 2.1020 IN.  
 BREF 4.0300 IN.  
 XMRP 3.4530 IN.  
 YMRP 0.0000 IN.  
 ZMRP 0.0000 IN.  
 SCALE 0.0040

DATA HIST. CODE I



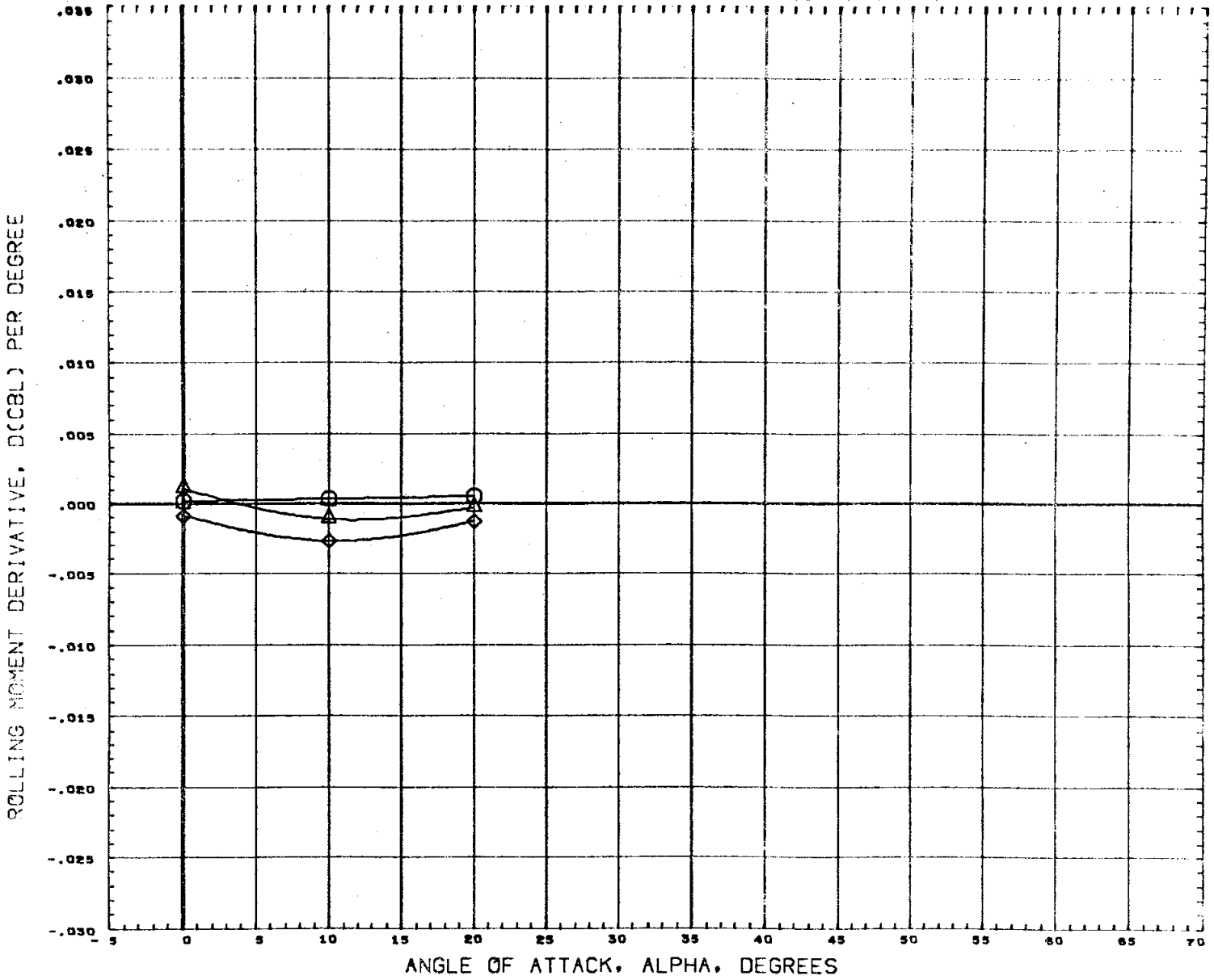
# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



SYMBOL	CONFIG	PARAMETRIC VALUES	REFERENCE INFORMATION
∞	1.000	MACH 0.600	SREF 7.4190 SQ. IN.
◇	2.000		LREF 2.1020 IN.
	3.000		BREF 4.0300 IN.
			XMRP 3.4530 IN.
			YMRP 0.0000 IN.
			ZMRP 0.0000 IN.
			SCALE 0.0040

DATA HIST. CODE I

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



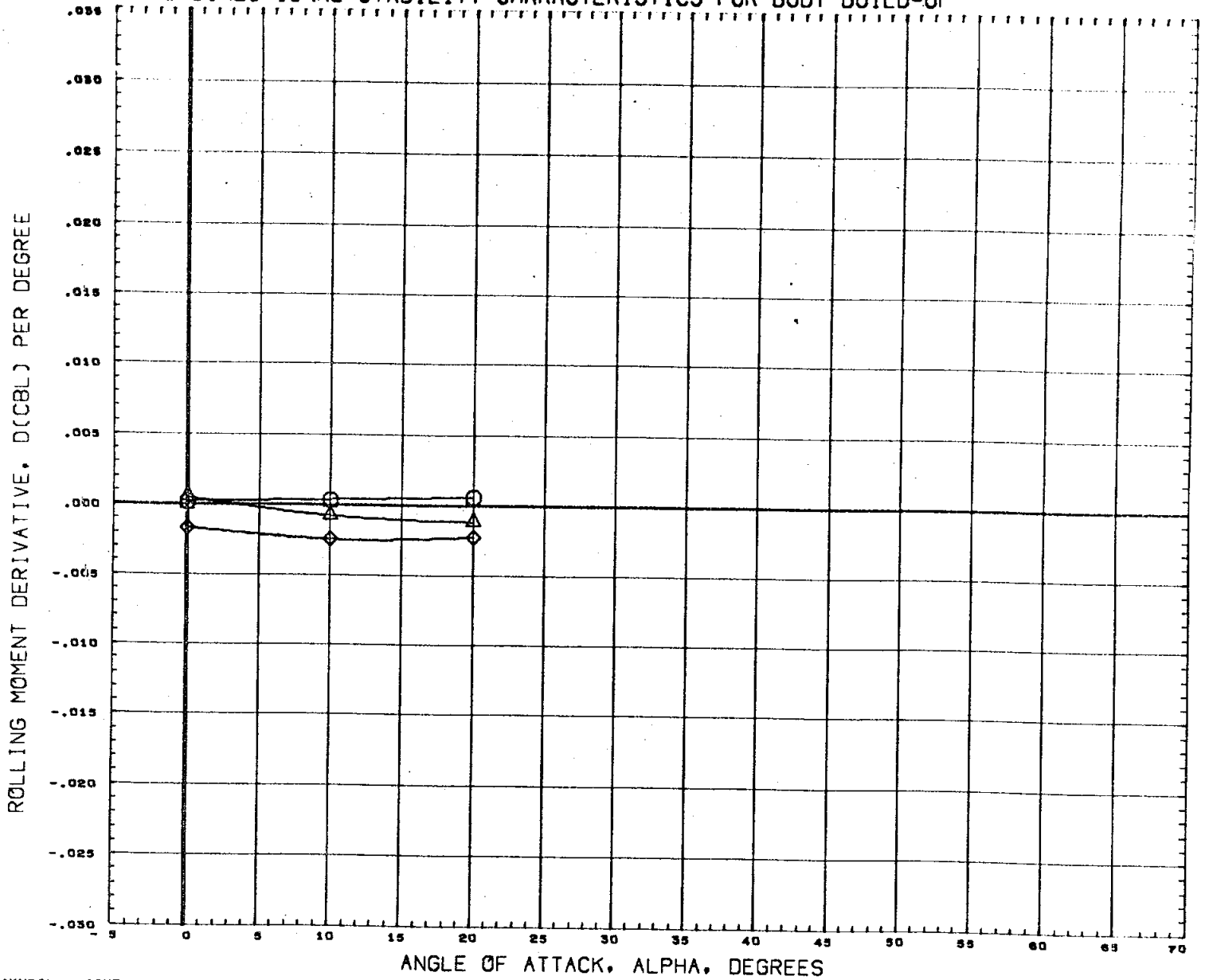
SYMBOL	CONFIG
○	1.000
△	2.000
◇	3.000

PARAMETRIC VALUES  
 MACH 0.900

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

DATA HIST. CODE 1

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP

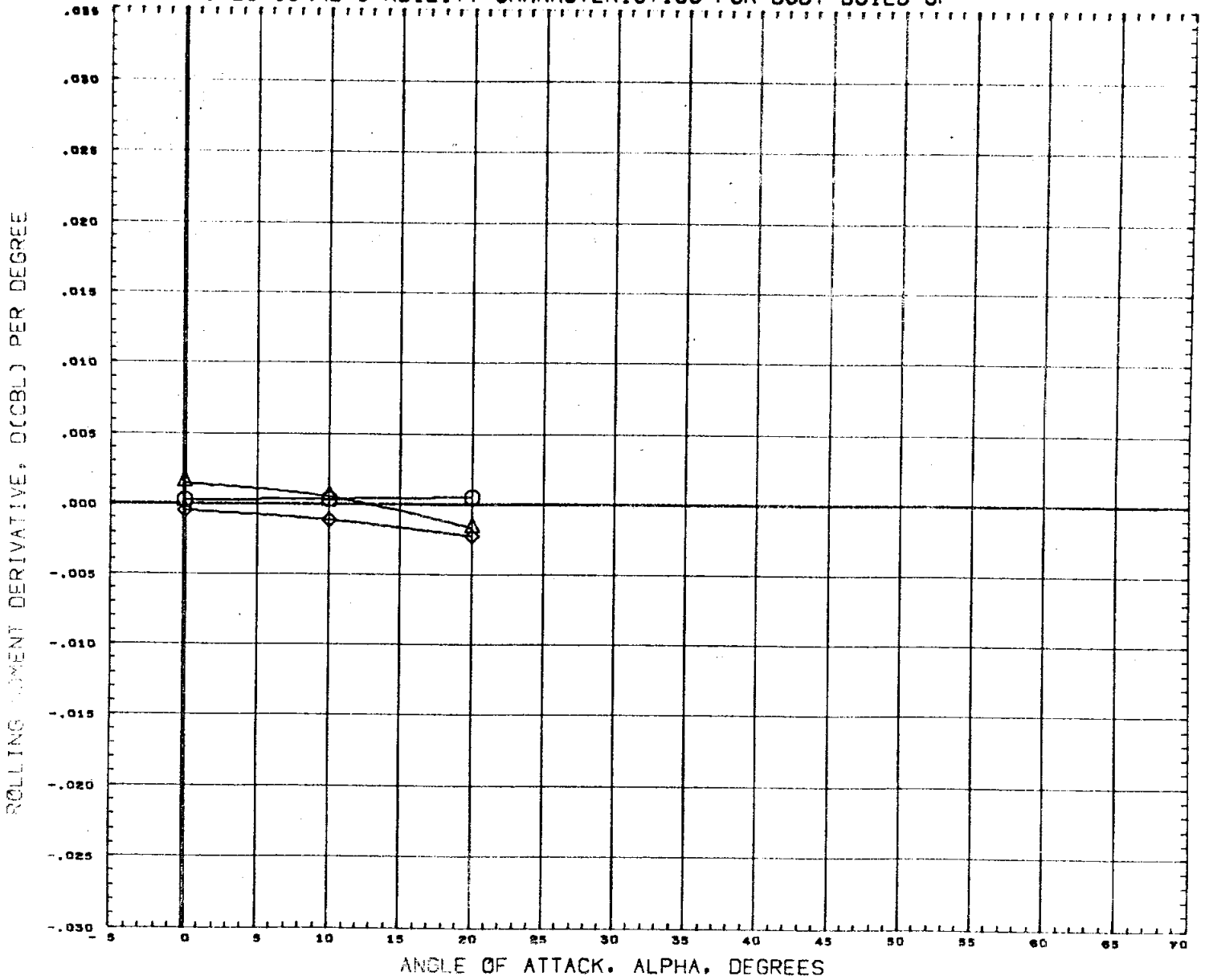


SYMBOL	CONFIG	PARAMETRIC VALUES
○	1.000	MACH 1.200
△	2.000	
◇	3.000	

REFERENCE INFORMATION		
SREF	7.4190	50. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

DATA HIST. CODE I

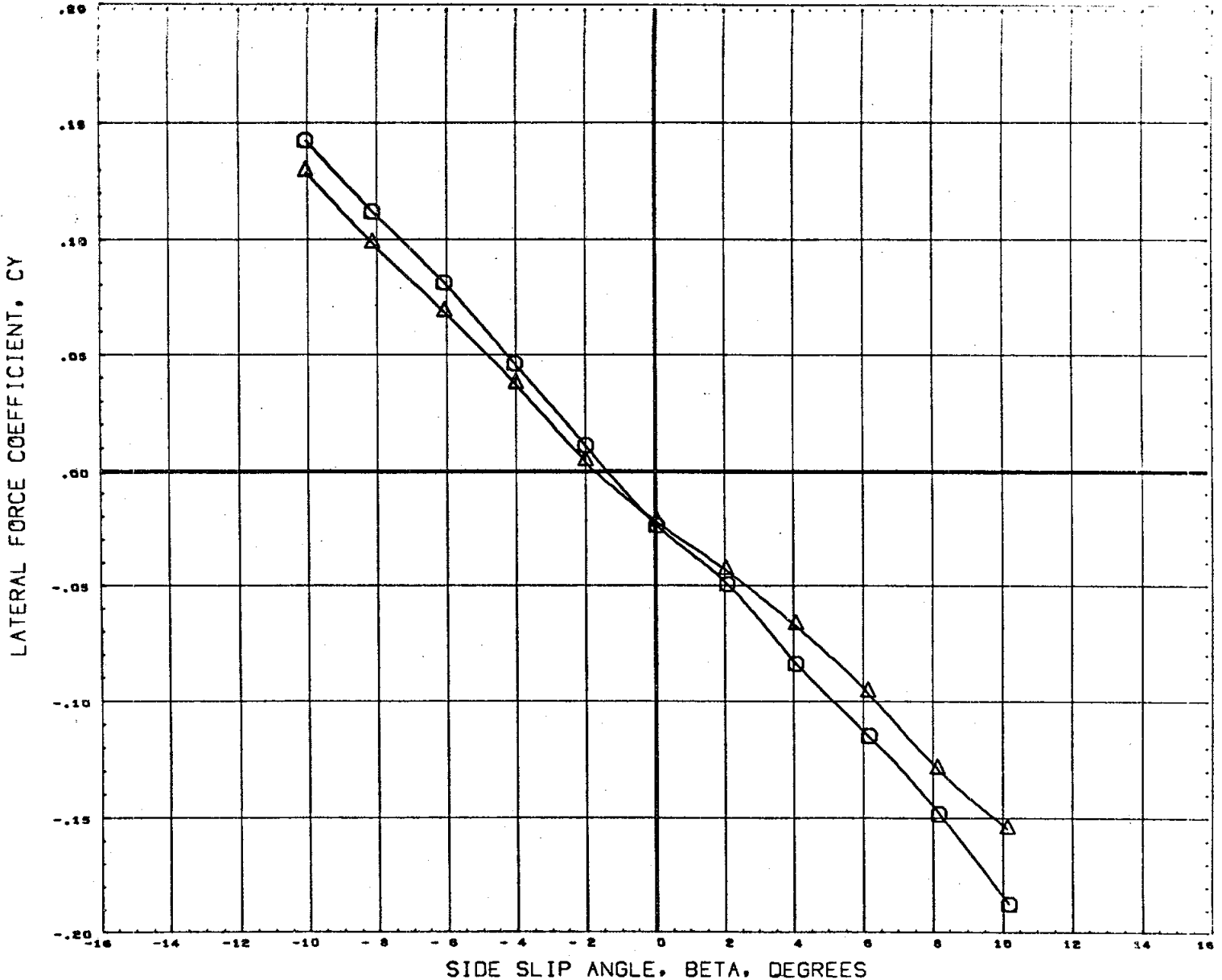
# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR BODY BUILD-UP



SYMBOL 	CONFIG	PARAMETRIC VALUES	REFERENCE INFORMATION	
	1.000	MACH 1.960	SREF	7.4190 SQ. IN.
	2.000		LREF	2.1020 IN.
	3.000		BREF	4.0300 IN.
			XHRP	3.4330 IN.
			YHRP	0.0000 IN.
			ZHRP	0.0000 IN.
			SCALE	0.0040

DATA HIST. CODE I

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

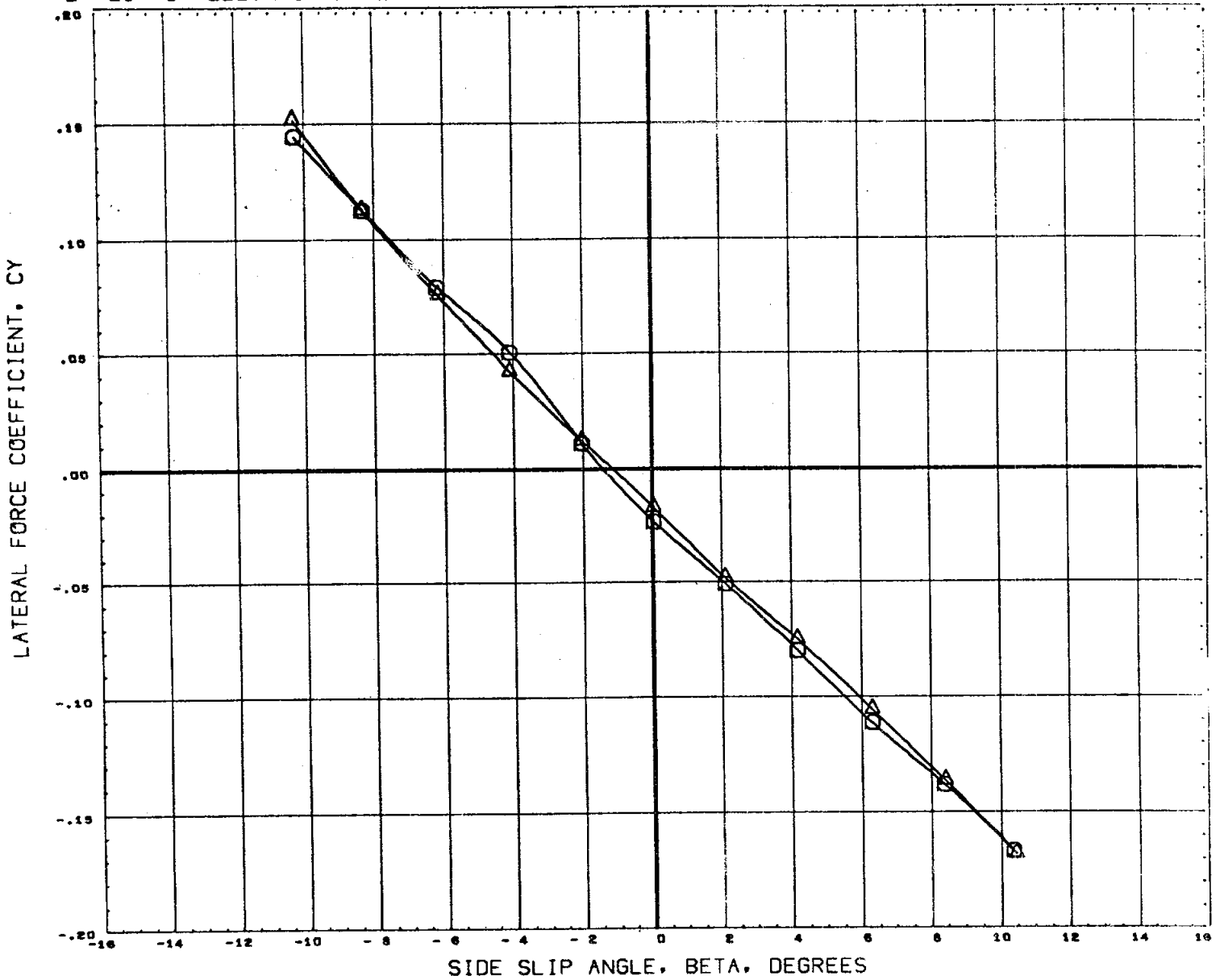


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .60

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



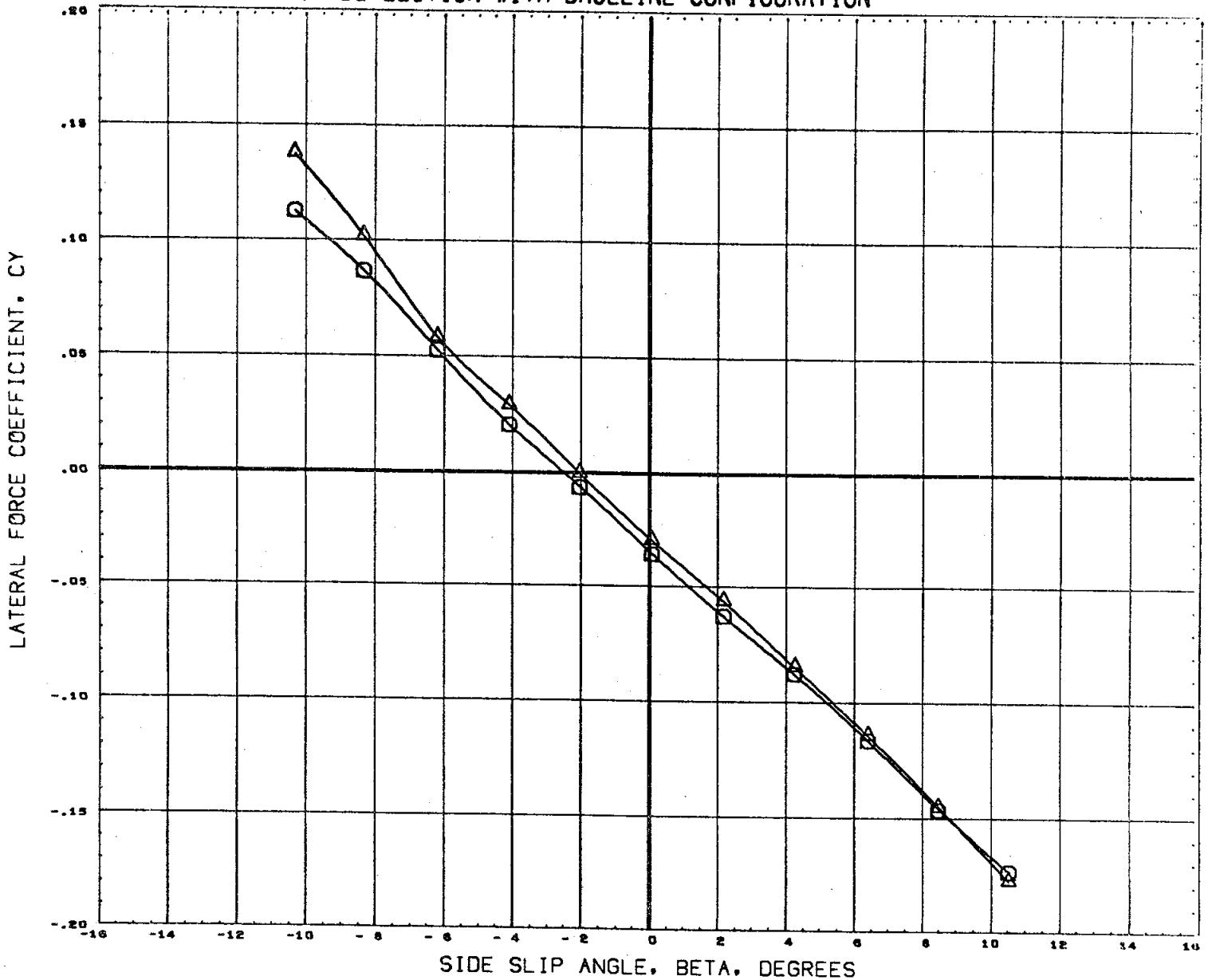
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRP	3.4530 IN.
YMRP	0.0000 IN.
ZMRP	0.0000 IN.
SCALE	0.0040

MACH .90

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# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

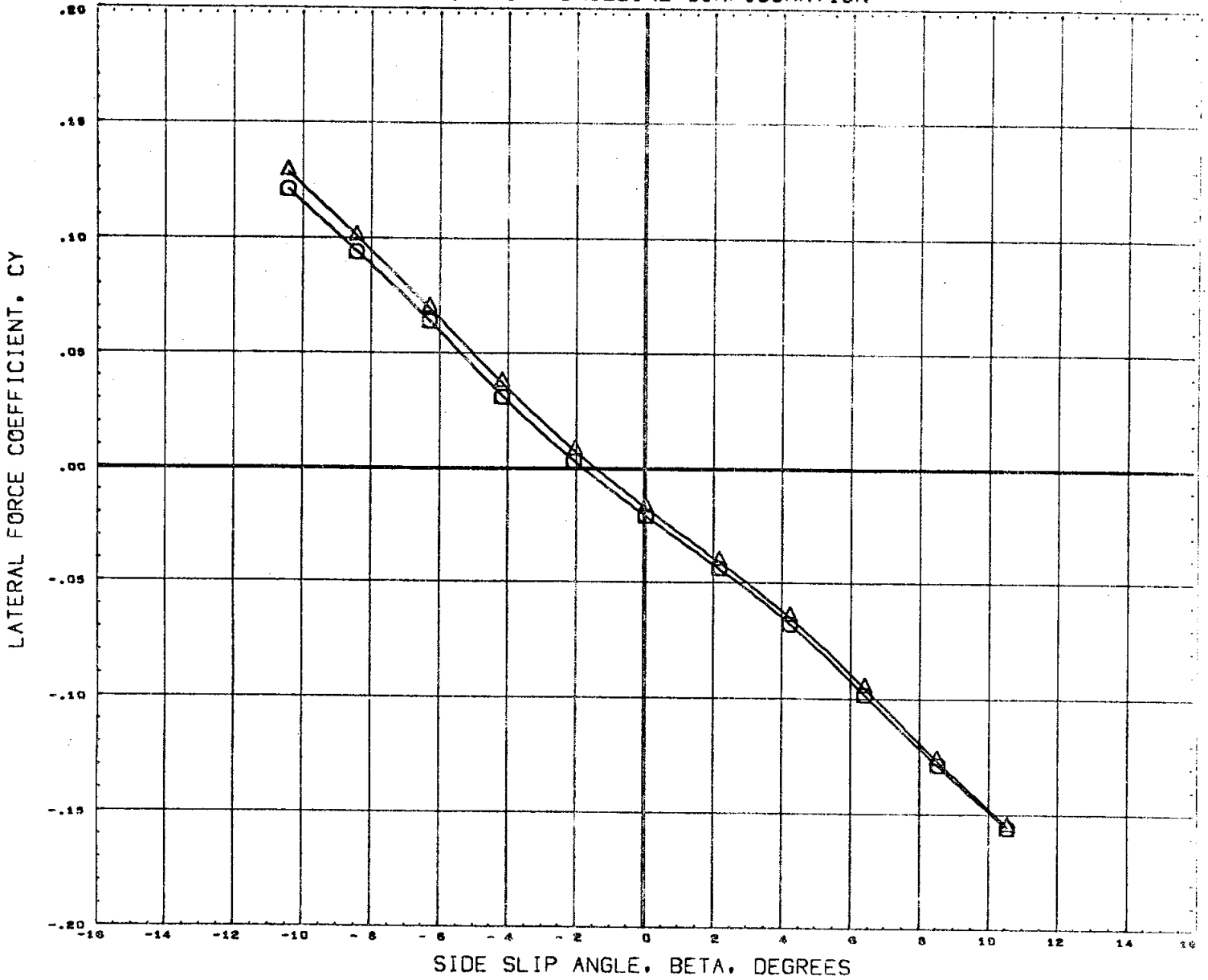


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



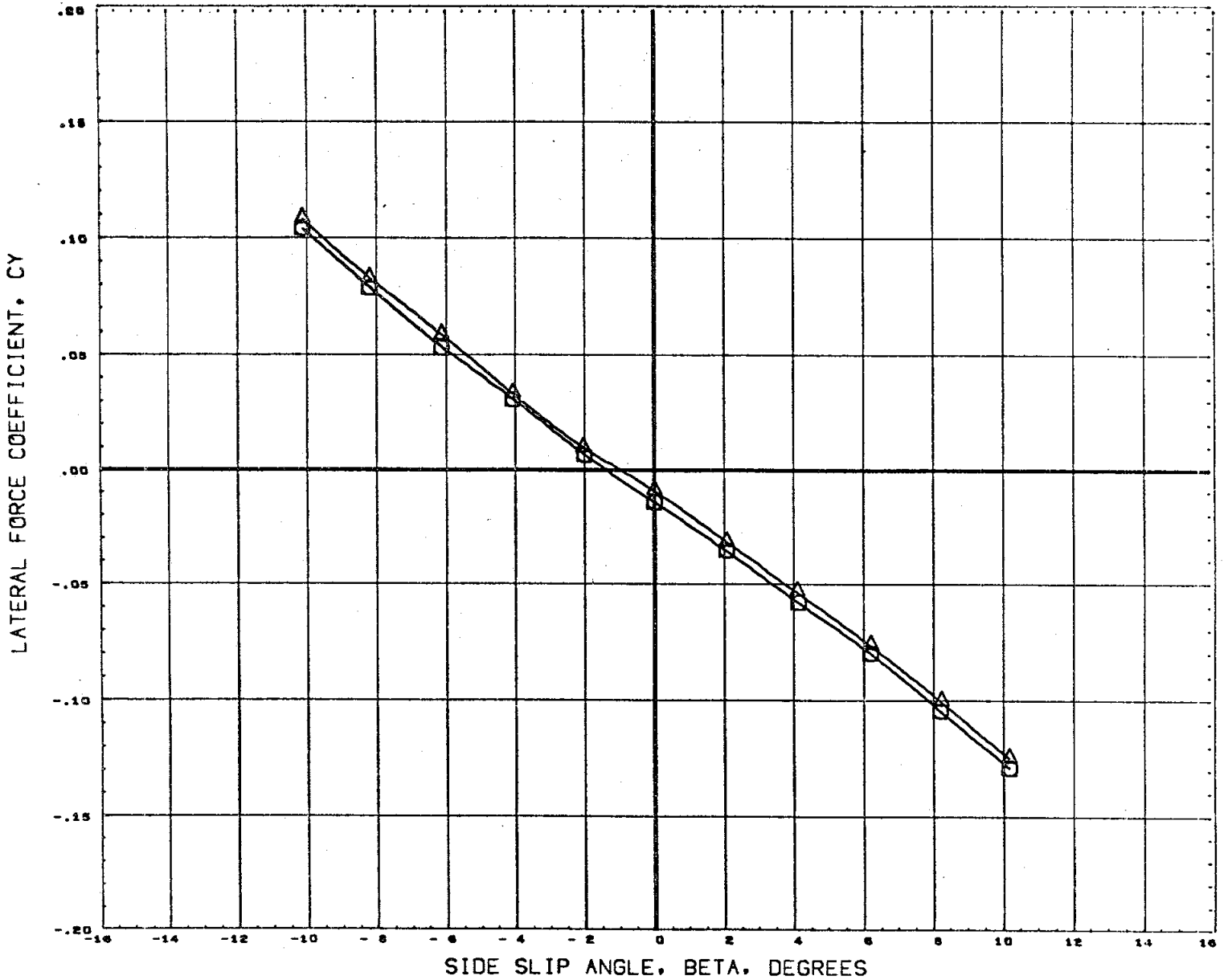
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XHRP	3.4550	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.96



# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

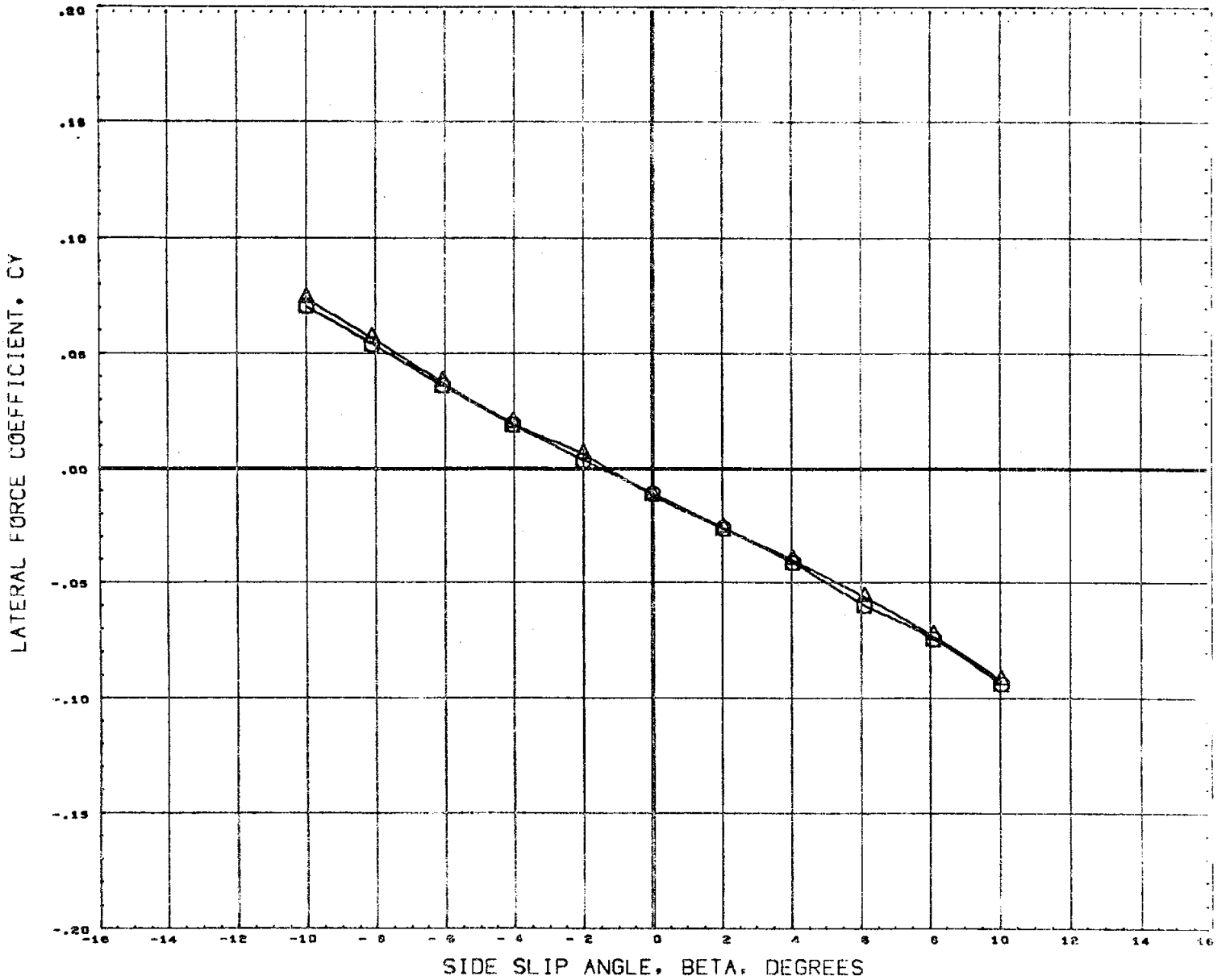


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 2.99

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

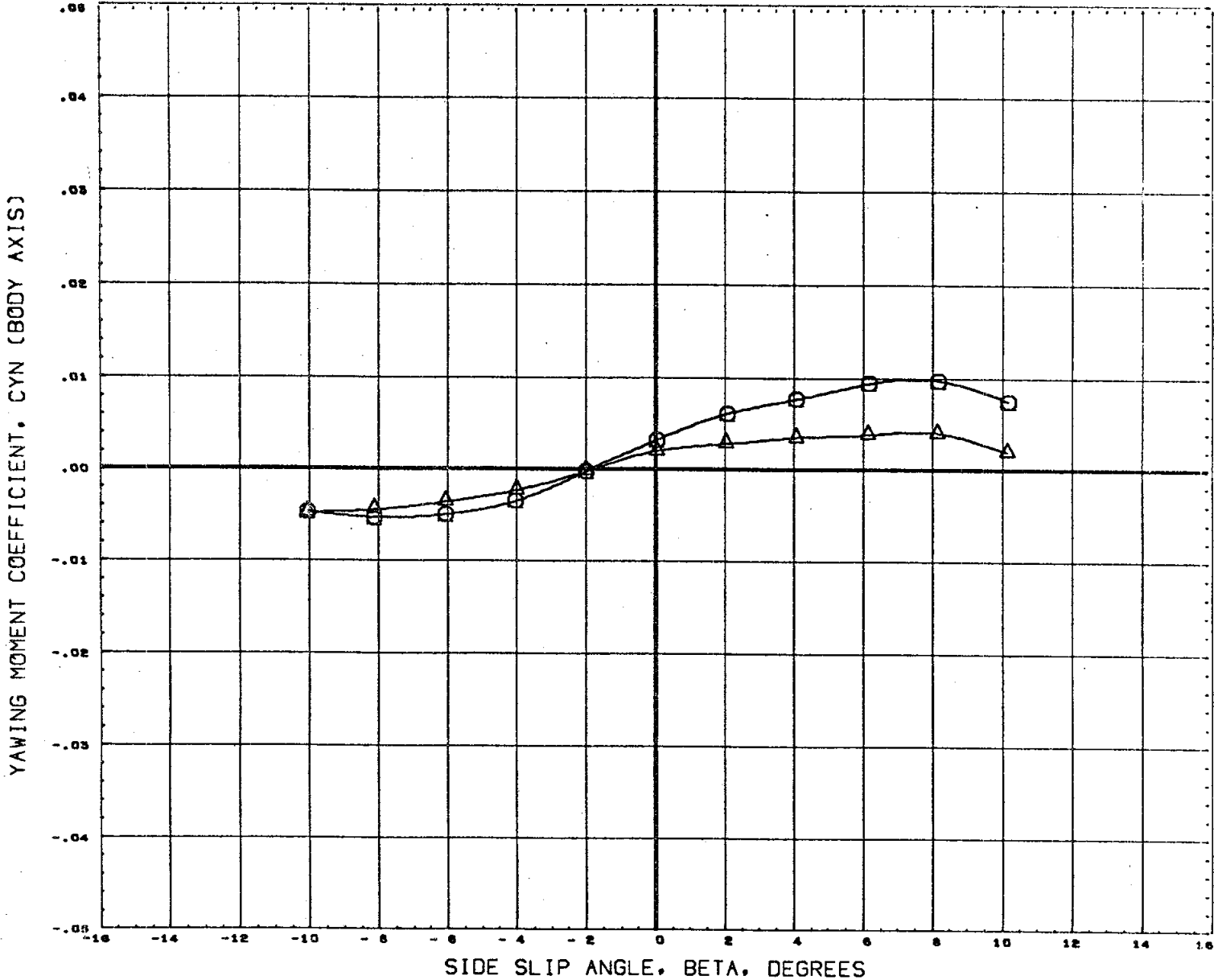


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	REFERENCE INFORMATION
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YMRP 0.0000 IN.
					ZMRP 0.0000 IN.
					SCALE 0.0040

MACH 4.96

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# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

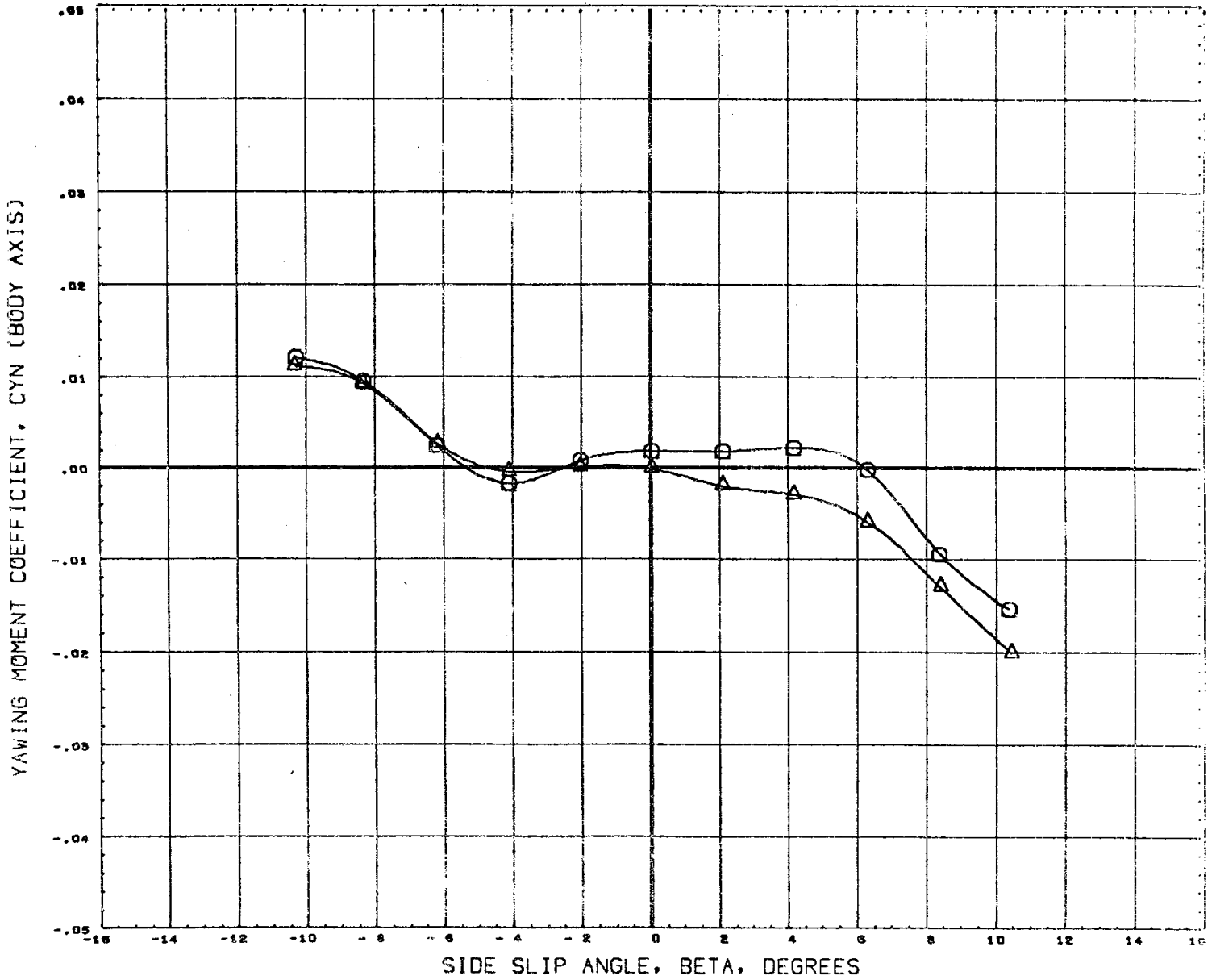


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRP	3.4530 IN.
YMRP	0.0000 IN.
ZMRP	0.0000 IN.
SCALE	0.0040

MACH .60

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



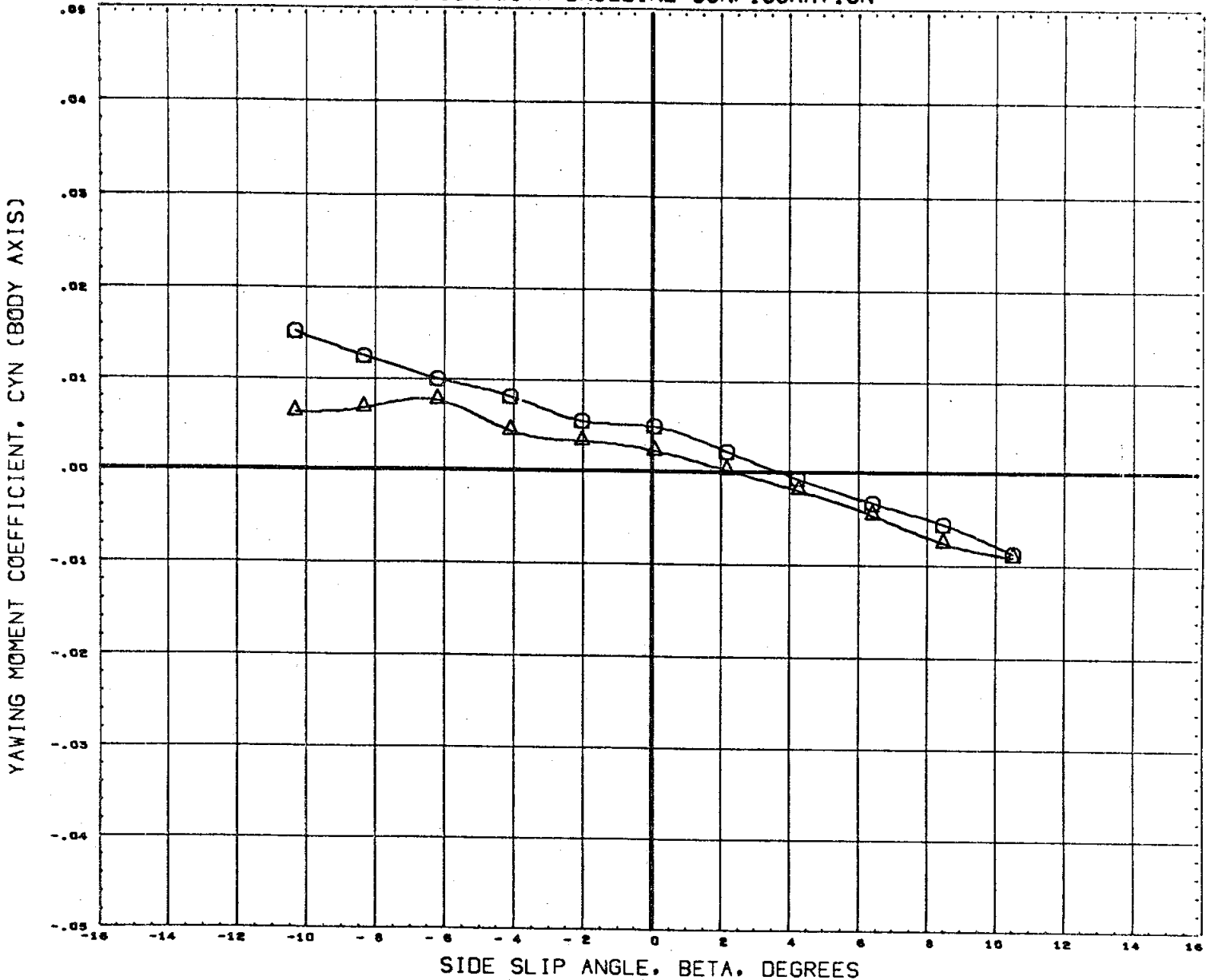
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
SREF	4.0300 IN.
XMRP	3.4530 IN.
YMRP	0.0000 IN.
ZMRP	0.0000 IN.
SCALE	0.0040

MACH .90

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# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

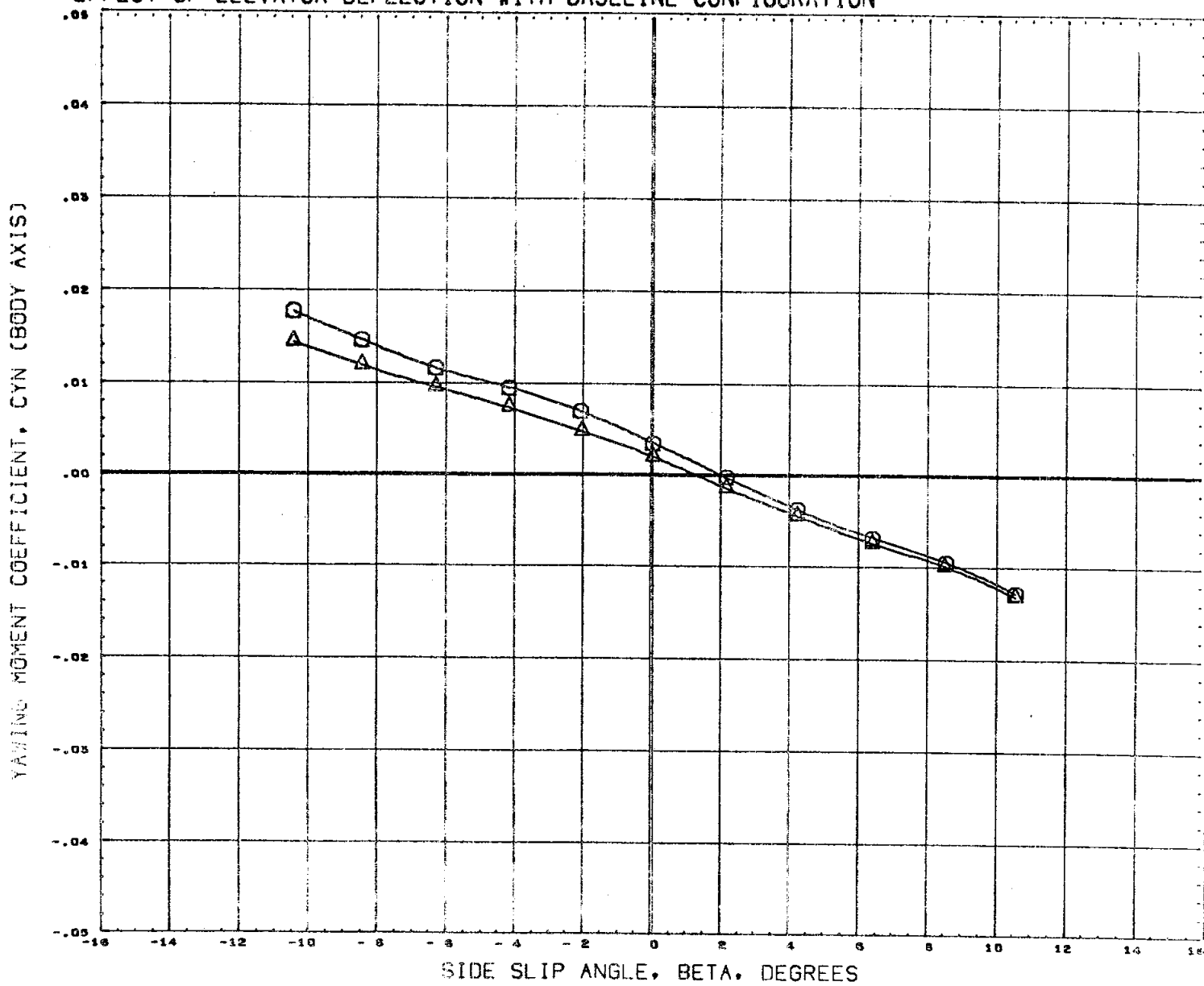


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4330	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



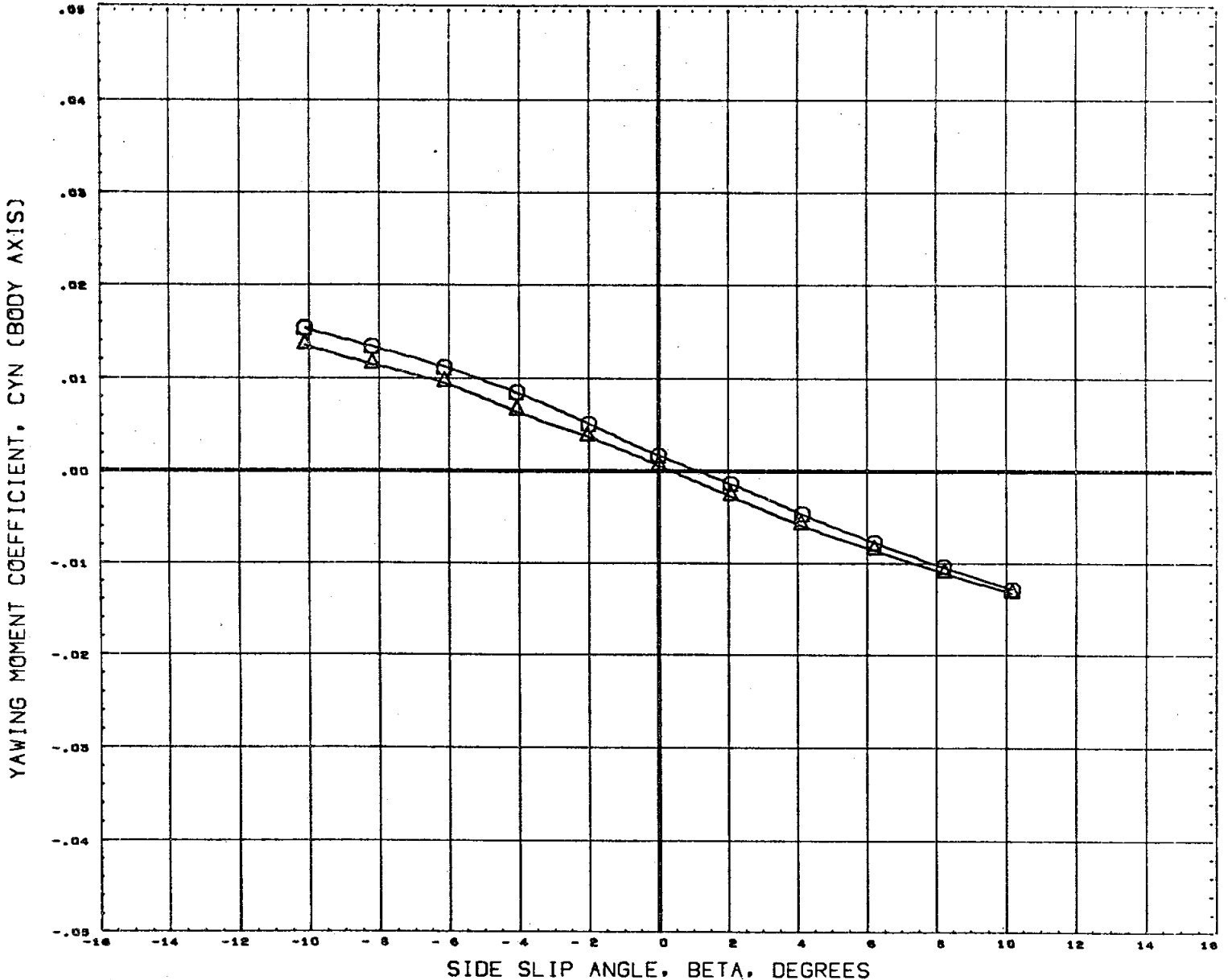
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	sq. in.
LREF	2.1020	in.
BREF	4.0300	in.
XMRP	3.4330	in.
YMRP	0.0000	in.
ZMRP	0.0000	in.
SCALE	0.0040	

MACH 1.96

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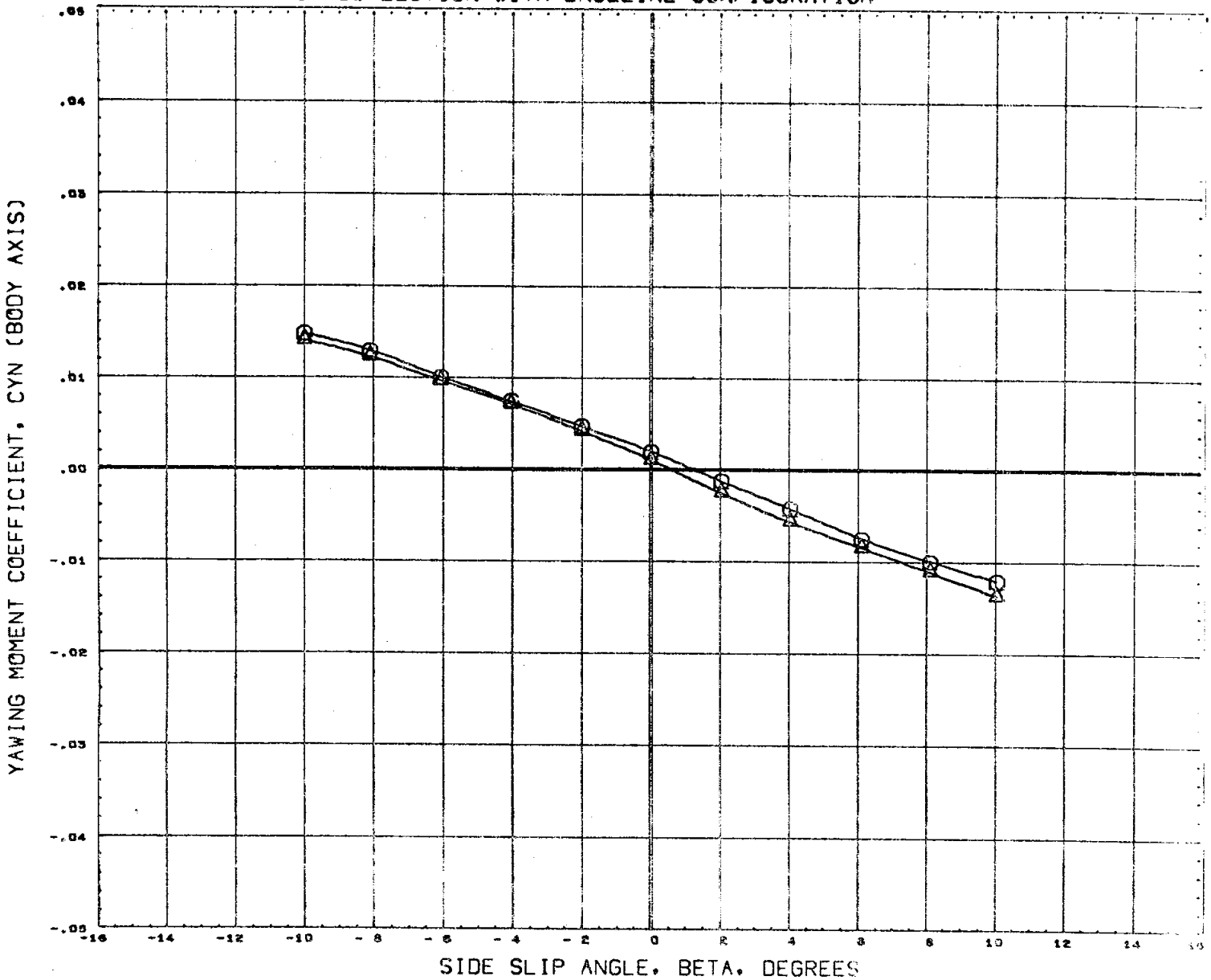
# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	REFERENCE INFORMATION
(A76306)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	SREF 7.4190 SQ. IN.
(A76513)	M555 (FA3) NAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000	LREF 2.1020 IN.
					BREF 4.0300 IN.
					XMRP 3.4530 IN.
					YHRP 0.0000 IN.
					ZHRP 0.0000 IN.
					SCALE 0.0040

MACH 2.99

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



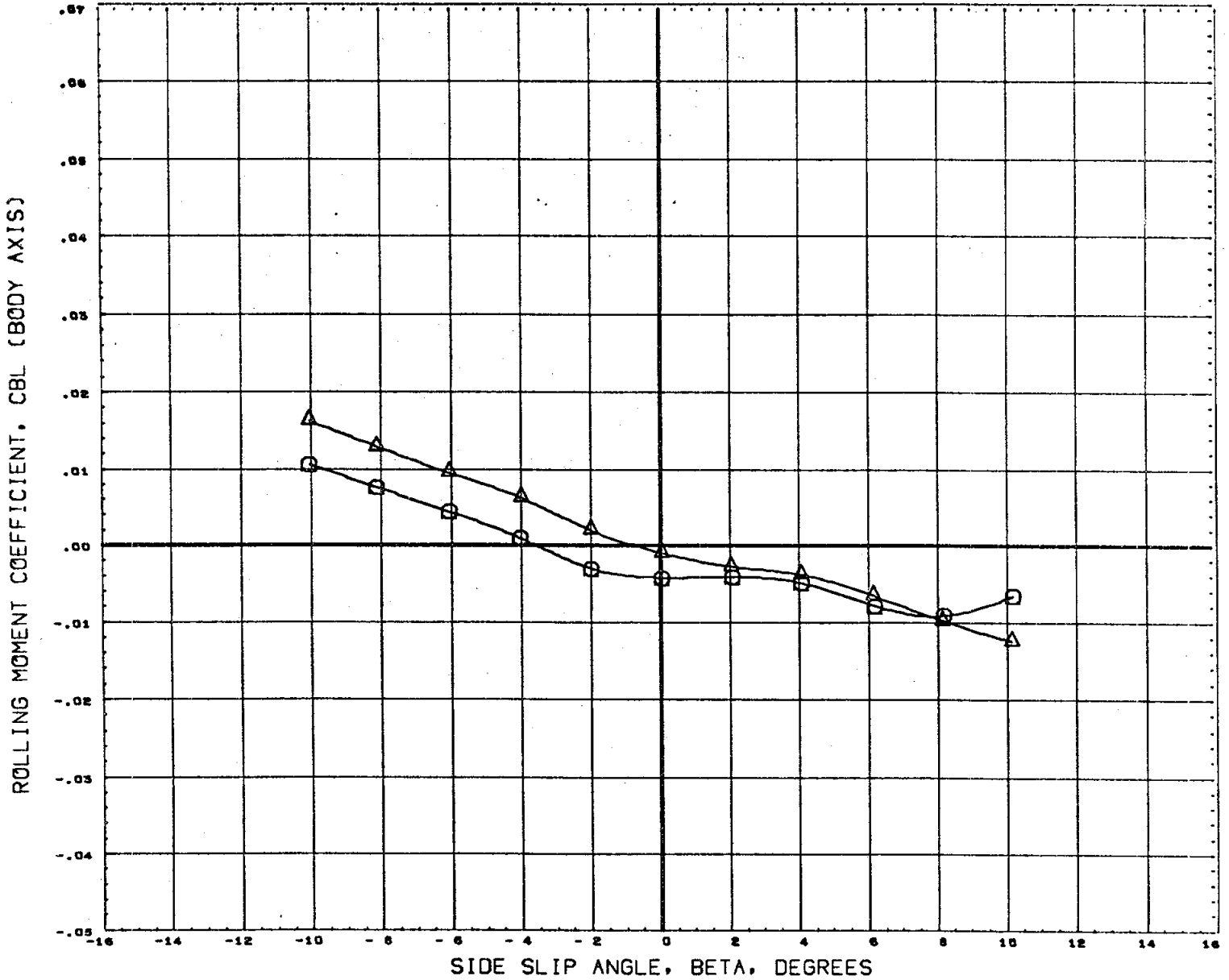
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 4.96



# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



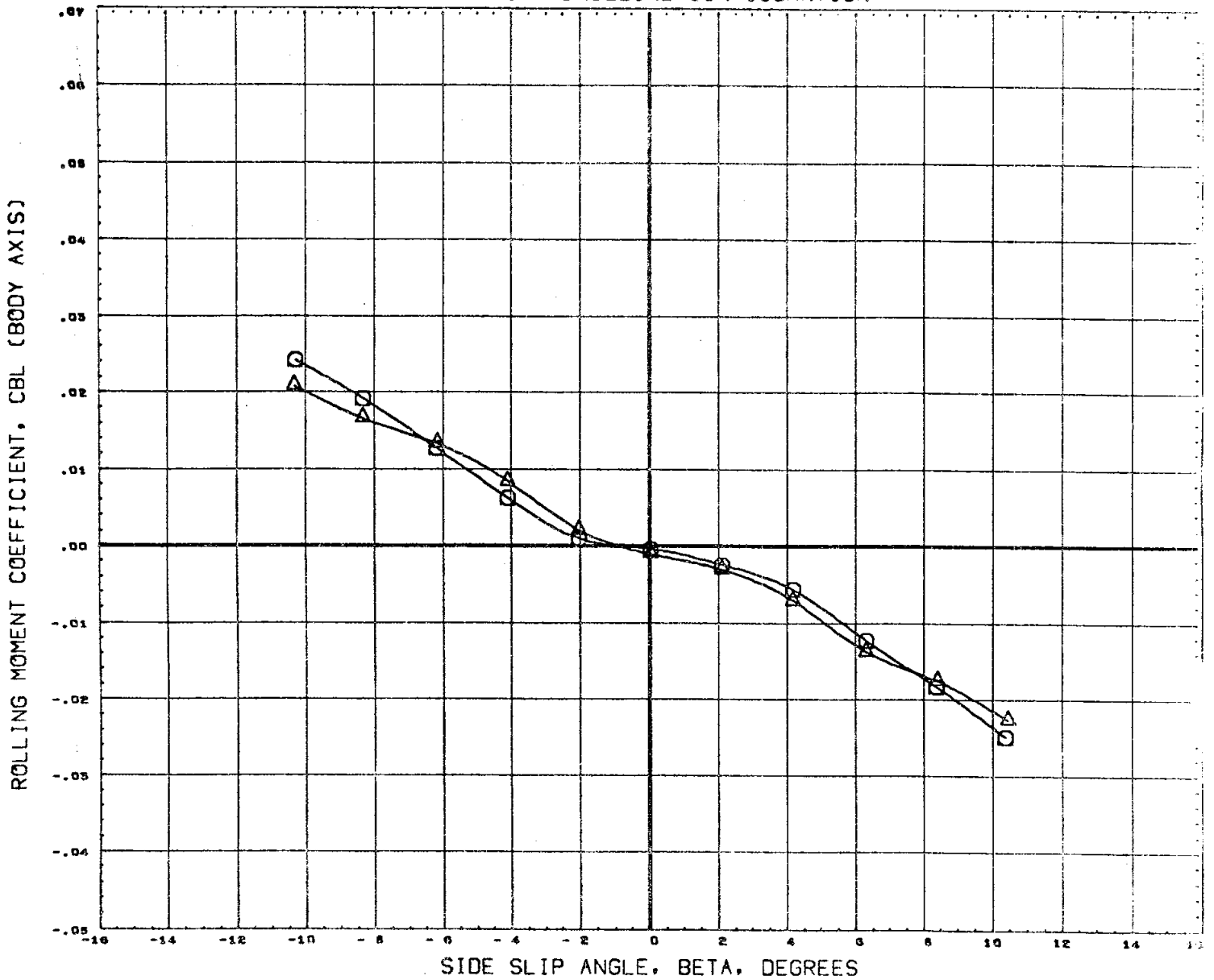
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .60

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# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

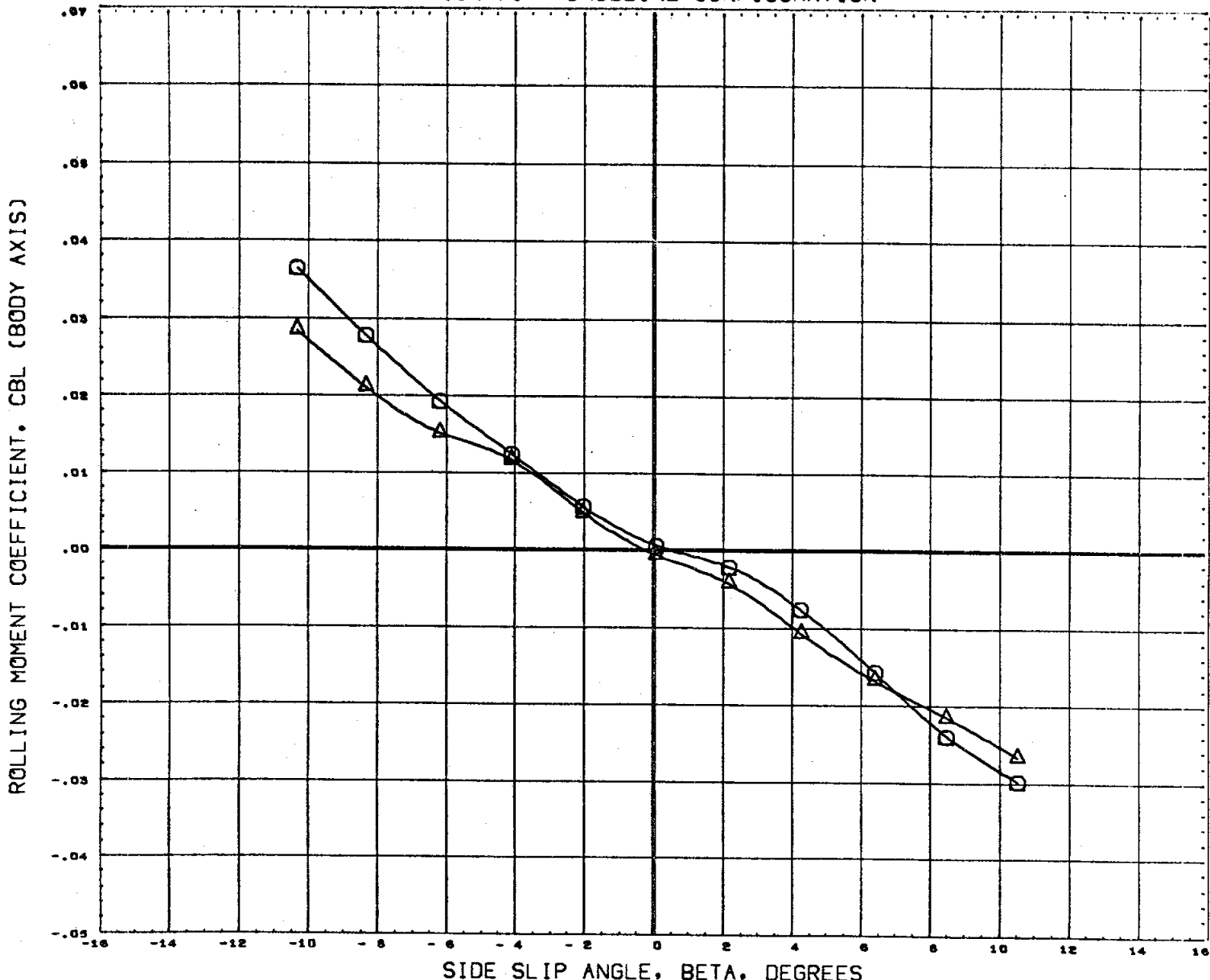


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH .90

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

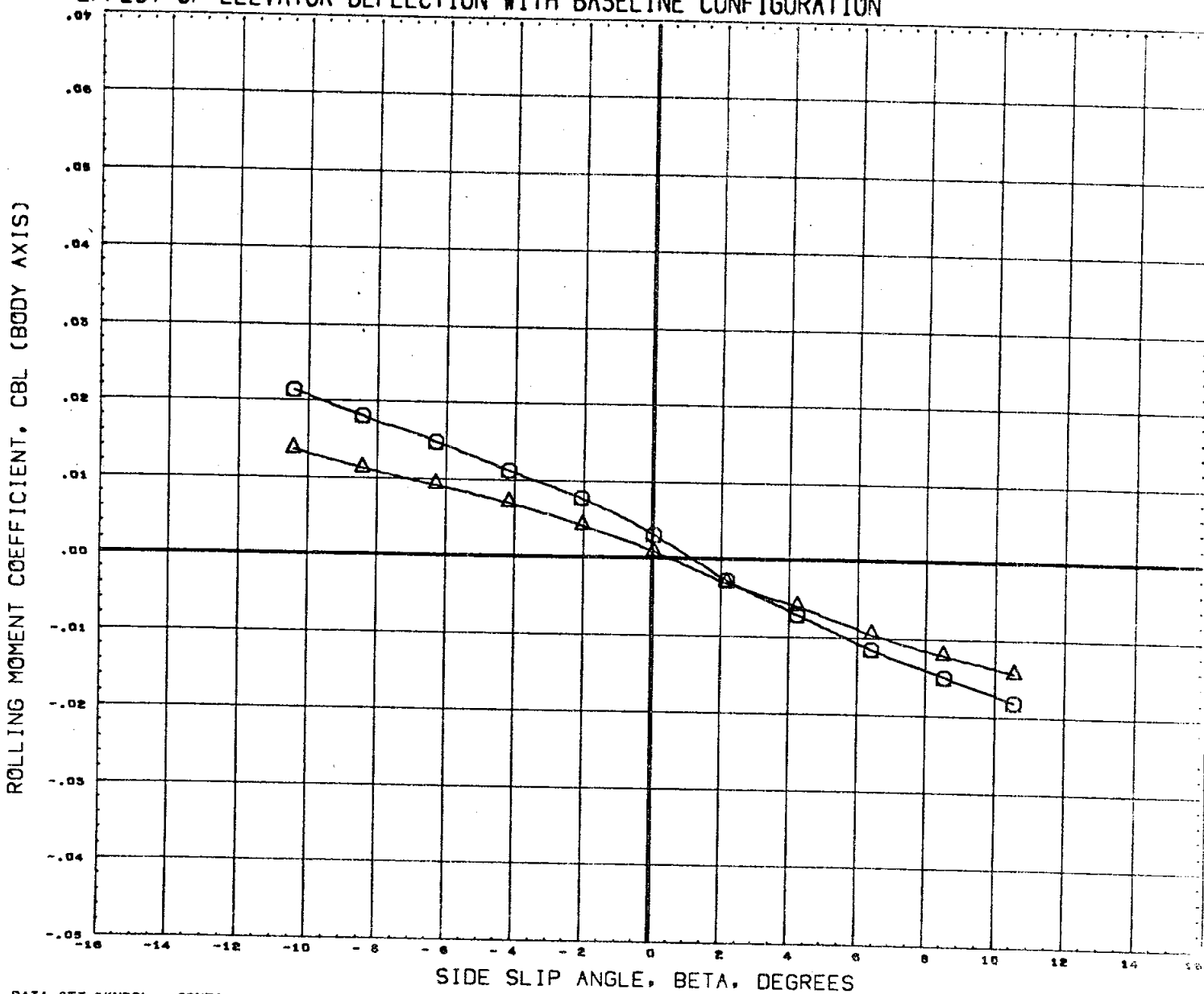


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4550	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

MACH 1.20

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(A76306)      ○      M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)  
 (A76313)      △      M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

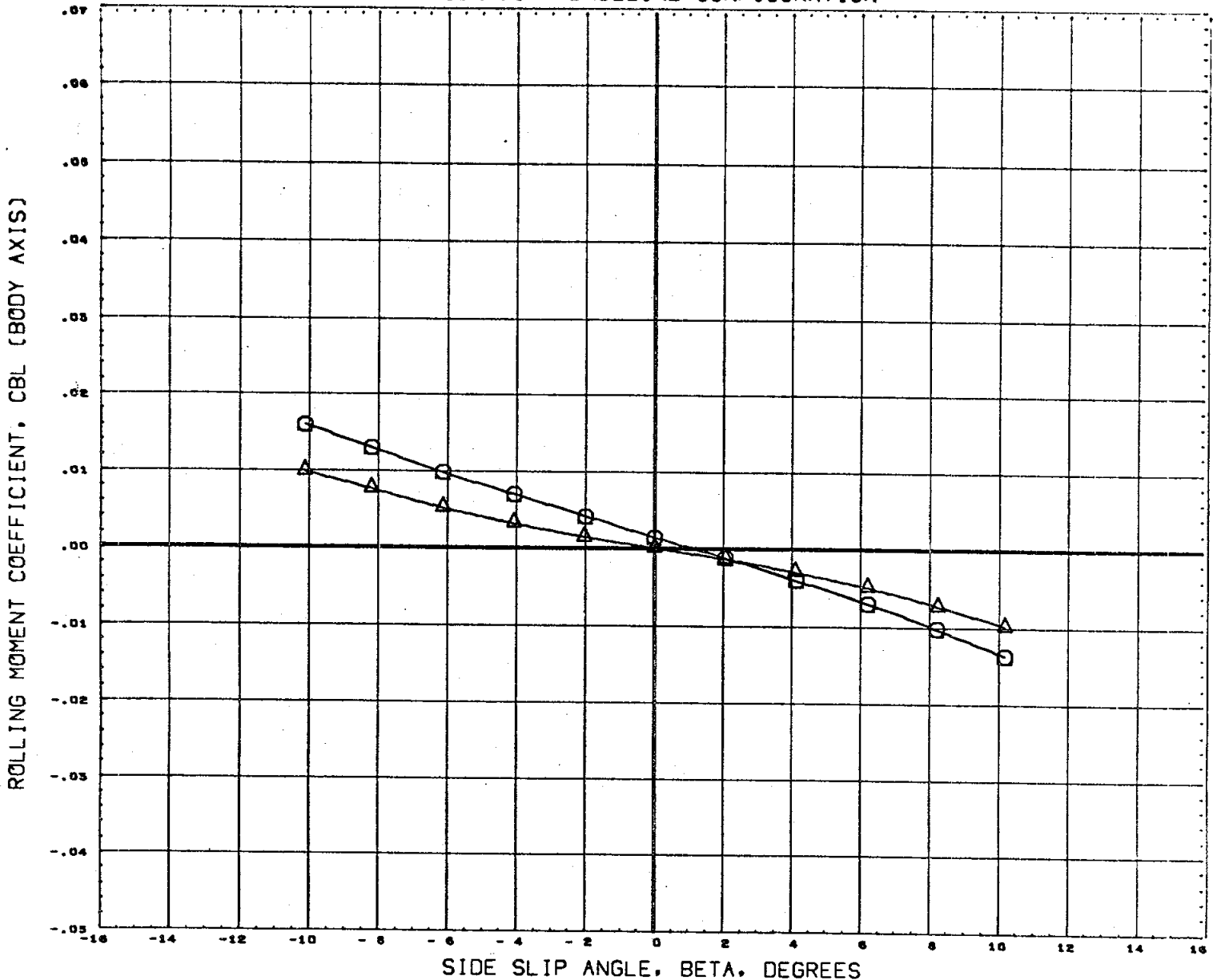
ALPHA    ELEVTR    RUDFLR  
 20.000    0.000    10.000  
 20.000    -20.000    10.000

REFERENCE INFORMATION

SREF      7.4190    SQ. IN.  
 LREF      2.1020    IN.  
 BREF      4.0300    IN.  
 XMRF      3.4530    IN.  
 YMRF      0.0000    IN.  
 ZMRF      0.0000    IN.  
 SCALE     0.0040

MACH      1.96

# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION



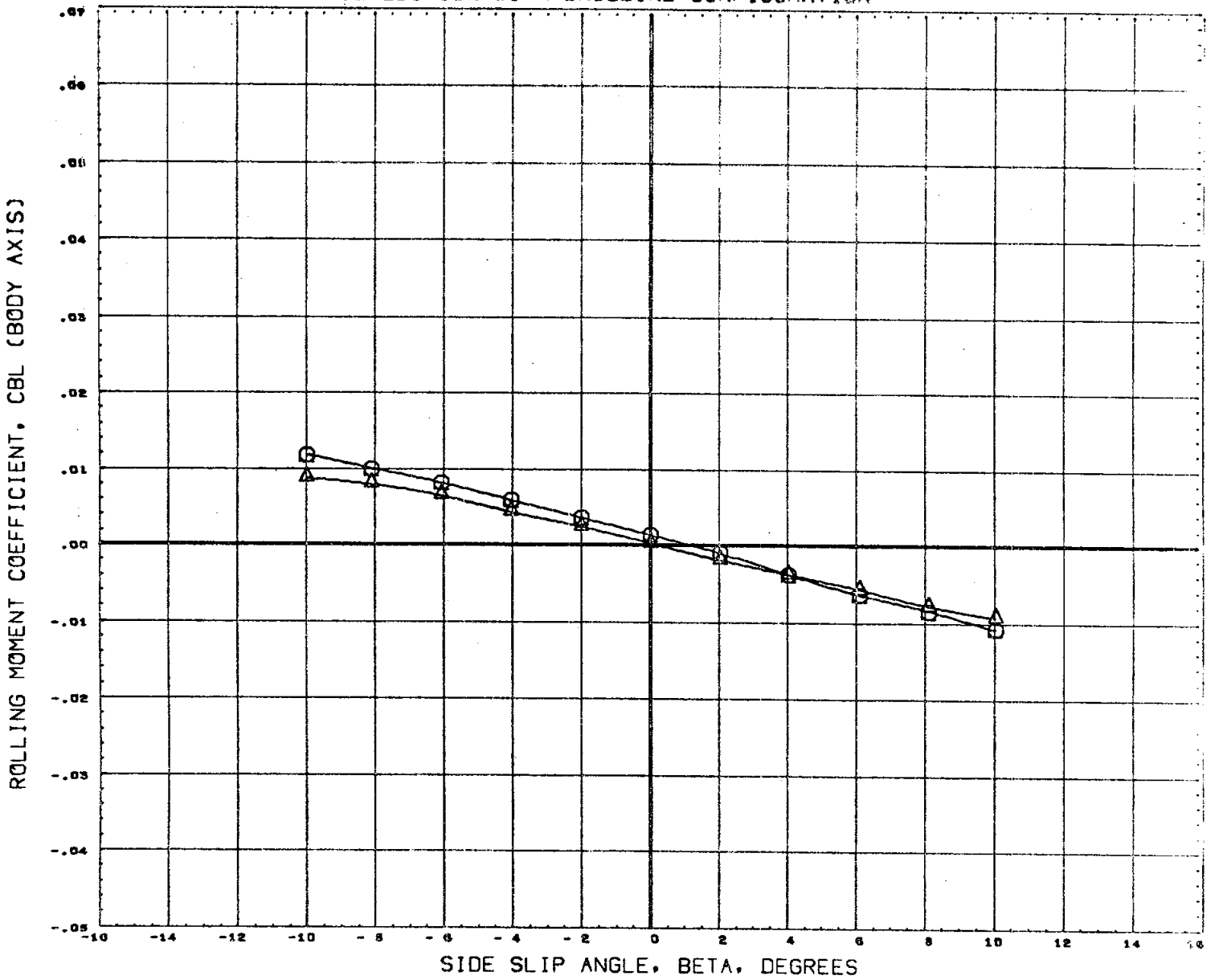
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76306)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76313)	M555(FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRP	3.4330 IN.
YMRP	0.0000 IN.
ZMRP	0.0000 IN.
SCALE	0.0040

MACH 2.99

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# EFFECT OF ELEVATOR DEFLECTION WITH BASELINE CONFIGURATION

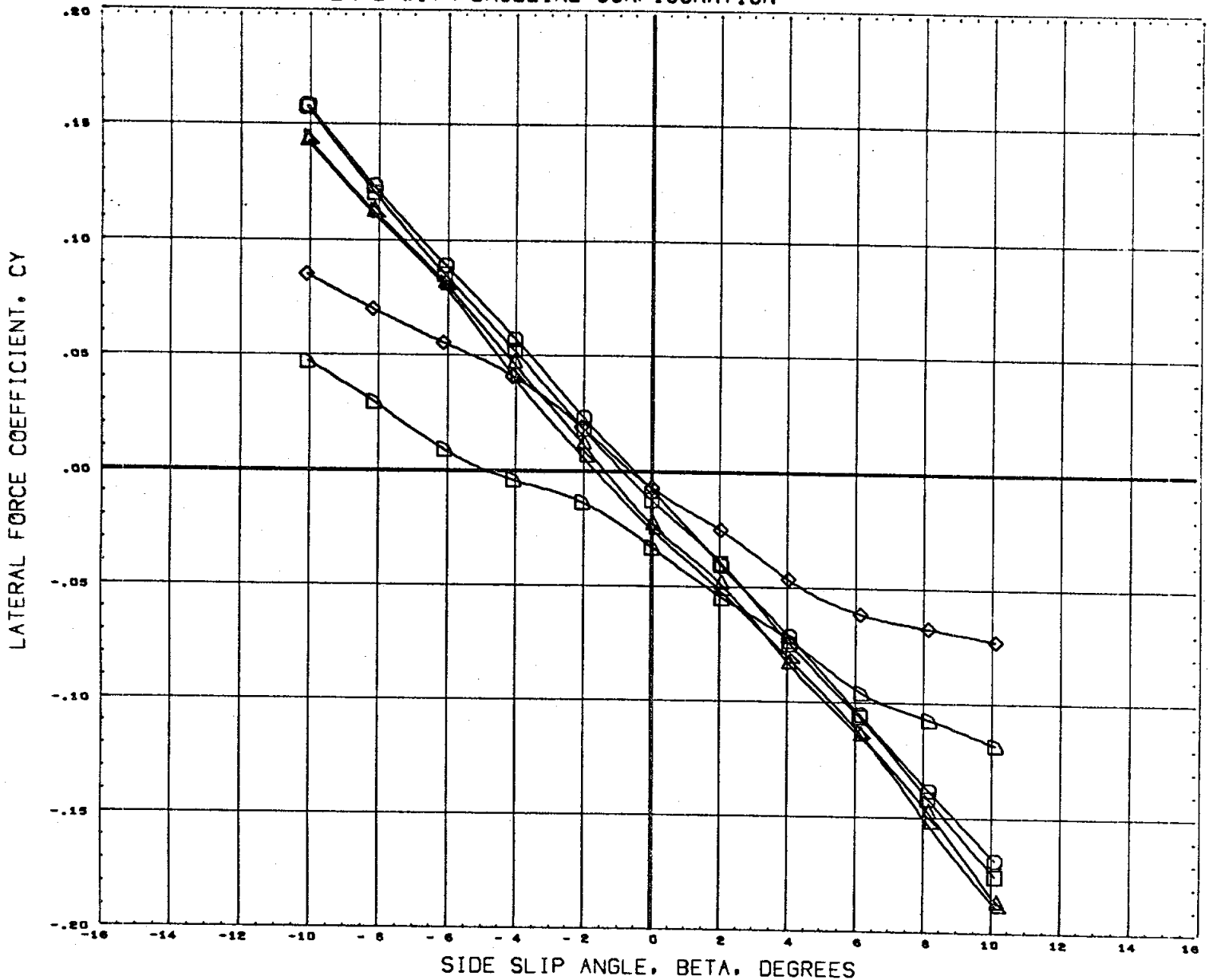


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR
(A76506)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000
(A76513)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	-20.000	10.000

REFERENCE INFORMATION	
SREF	7.4190 SQ. IN.
LREF	2.1020 IN.
BREF	4.0300 IN.
XMRF	3.4530 IN.
YMRF	0.0000 IN.
ZMRF	0.0000 IN.
SCALE	0.0040

MACH 4.96

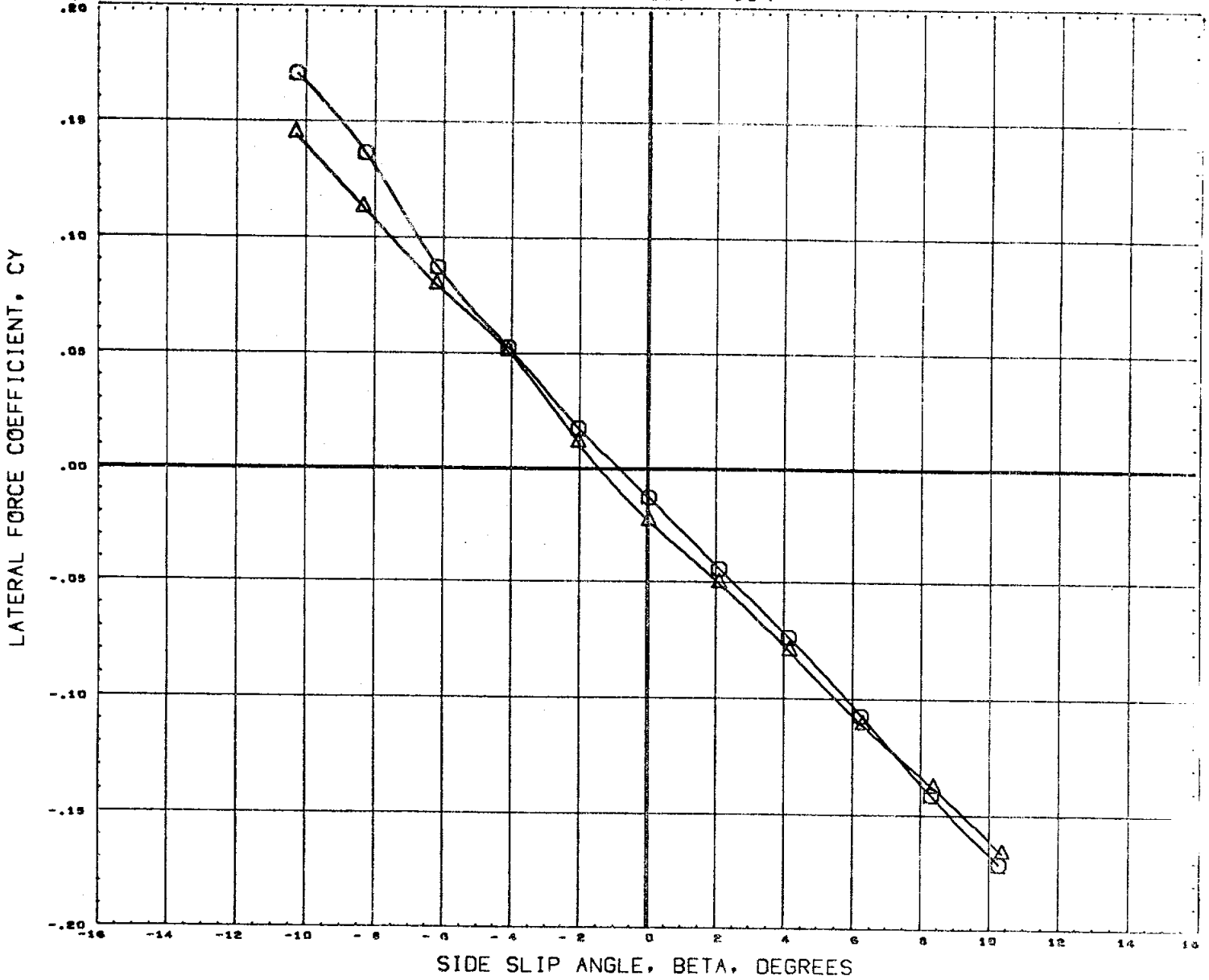
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. FT.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH .60

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

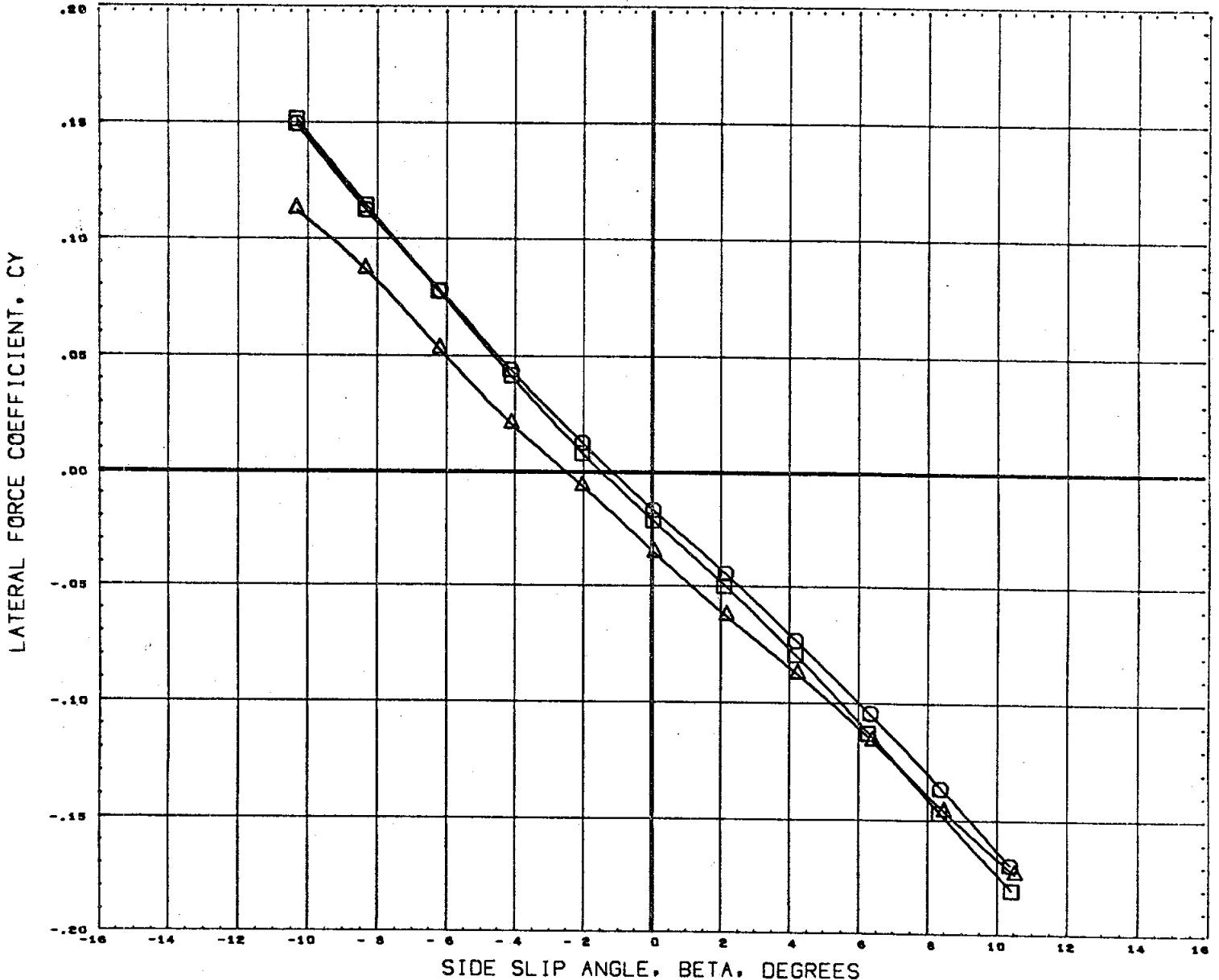


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUOFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90



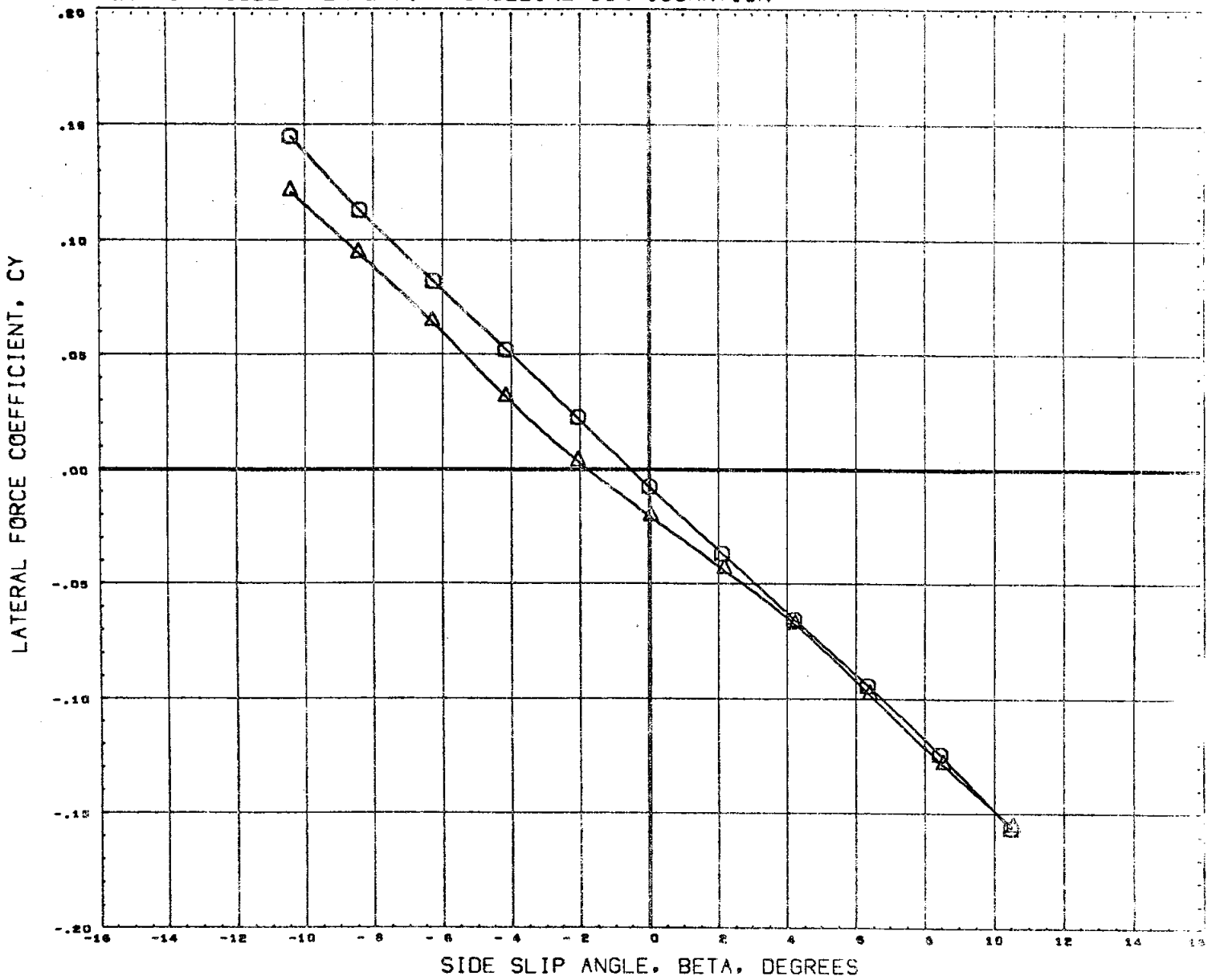
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

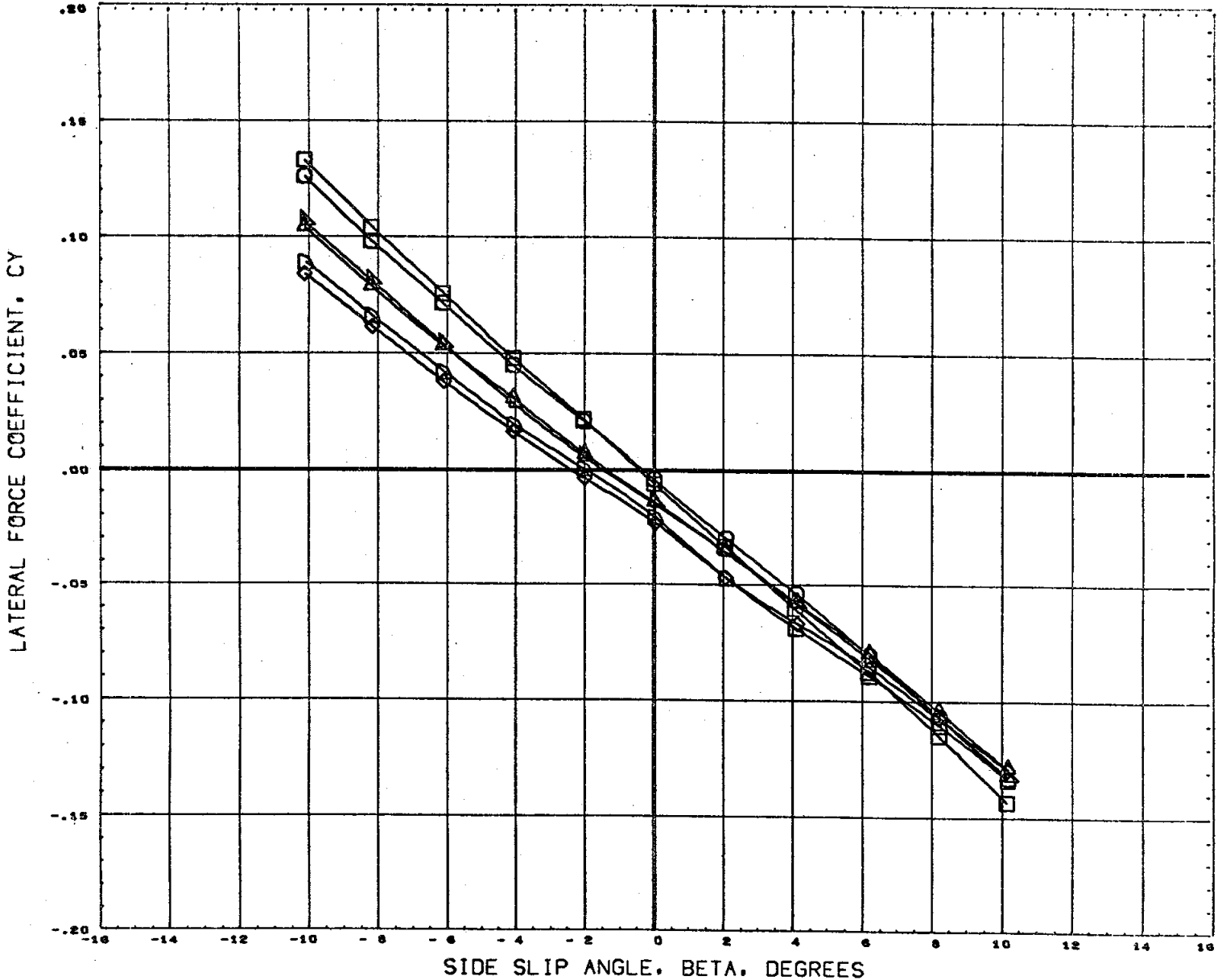
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	40.000	0.000	XMRP 3.4330 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	1.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.96

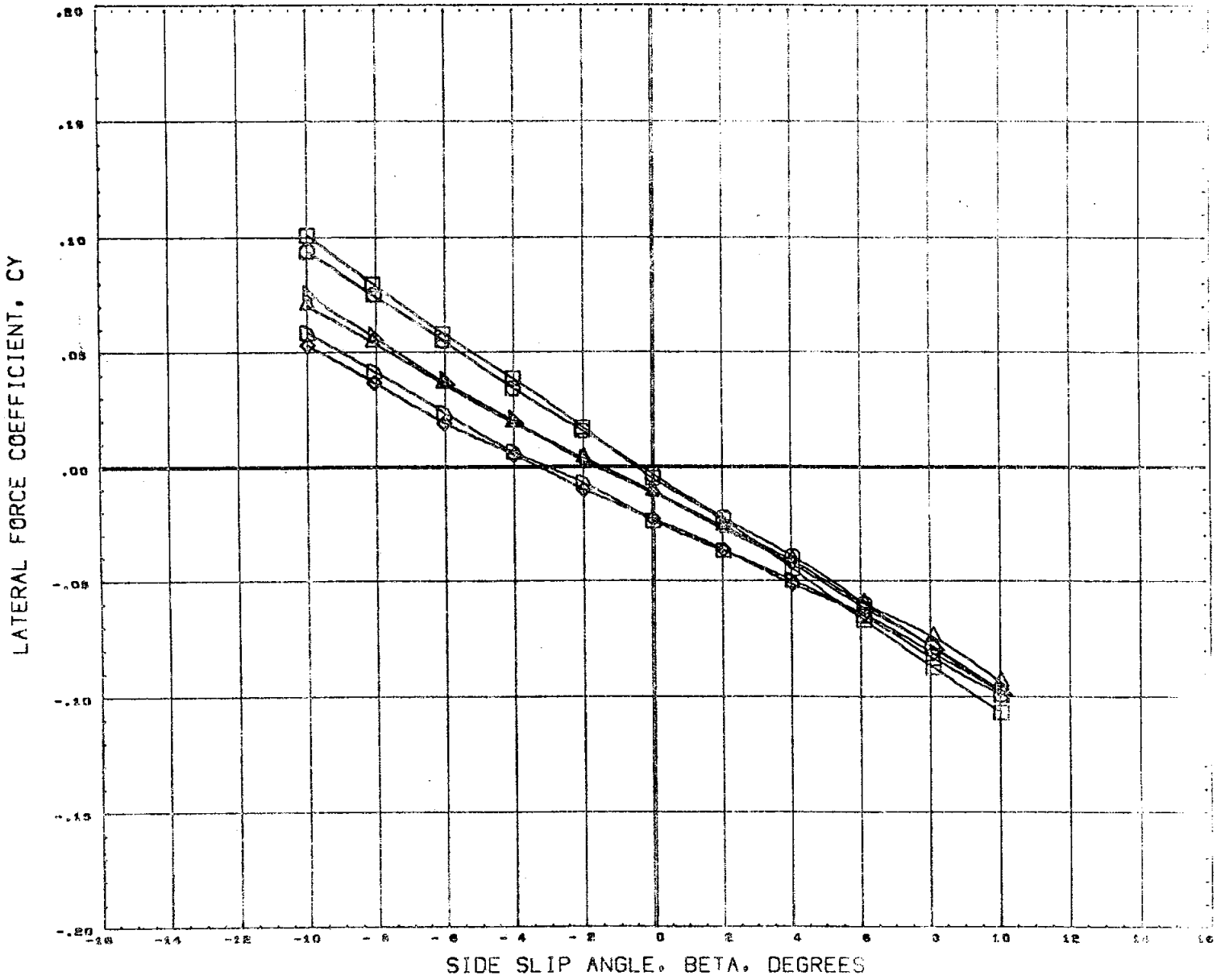
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ.IN.
(A76306)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 2.99

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

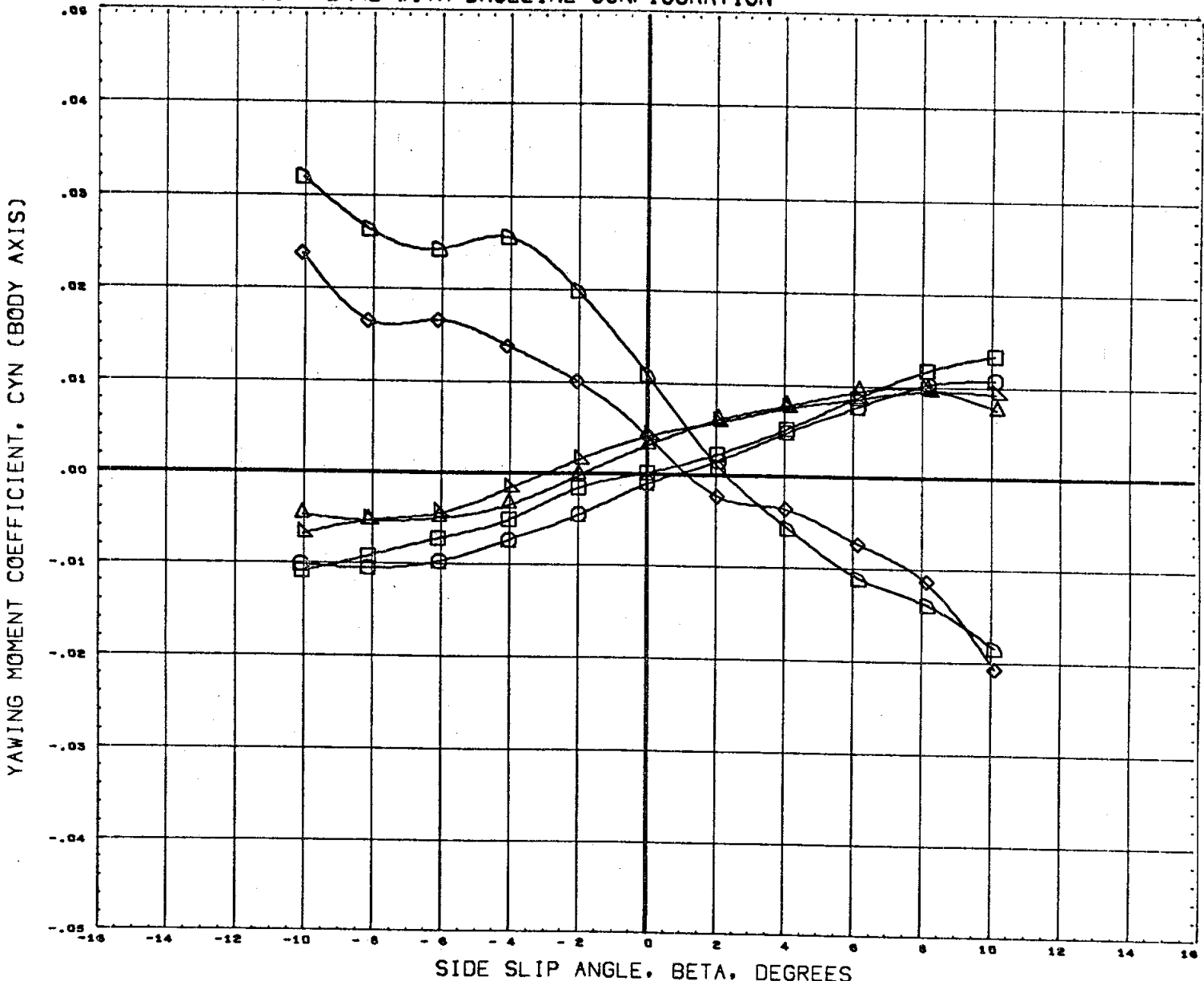


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. FT.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R2)	10.000	0.000	40.000	0.000	XHRP 3.4530 IN.
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R2)	20.000	0.000	40.000	0.000	YHRP 0.0000 IN.
(A76327)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R2)	30.000	0.000	40.000	0.000	ZHRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

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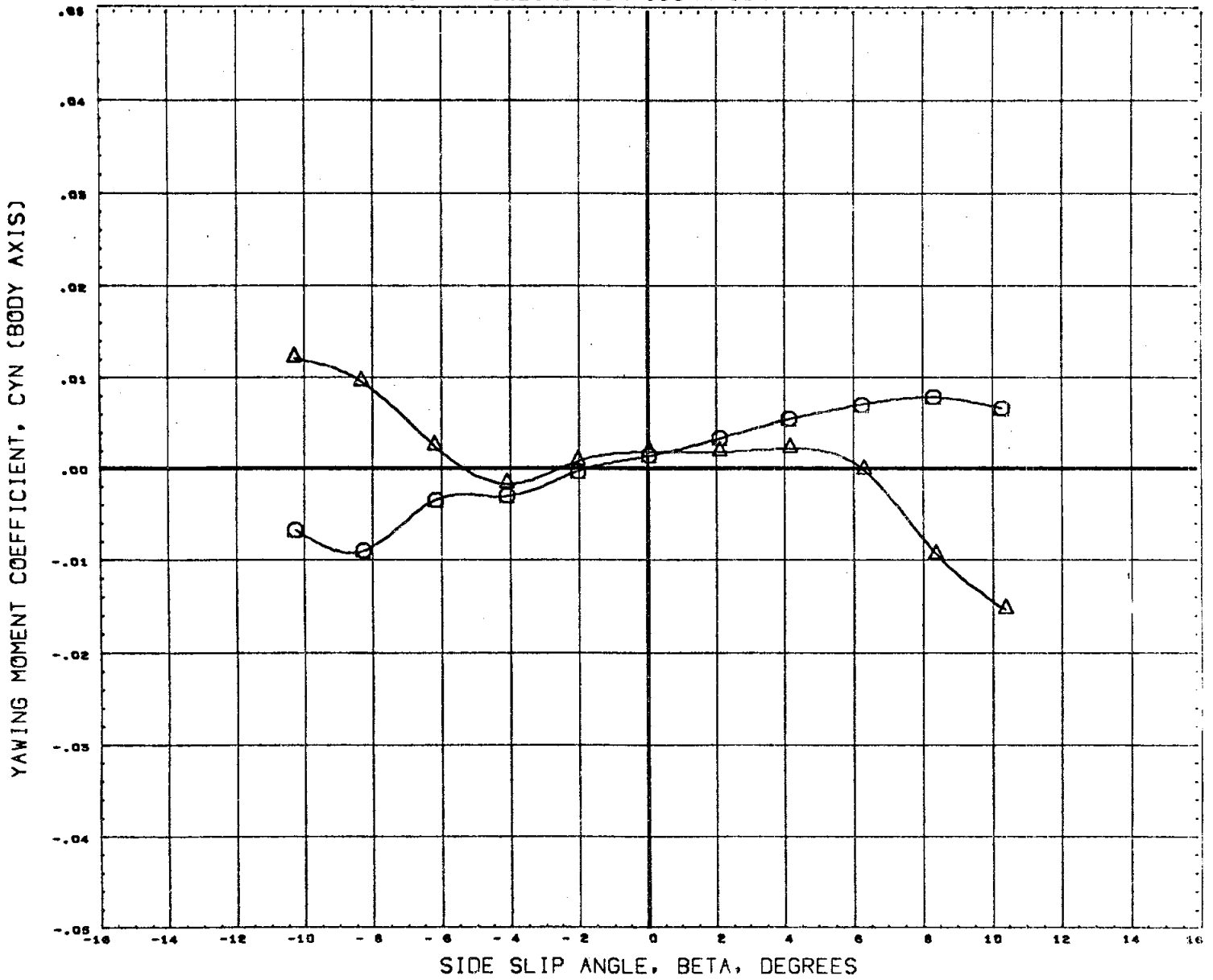
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4550 IN.
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH .60

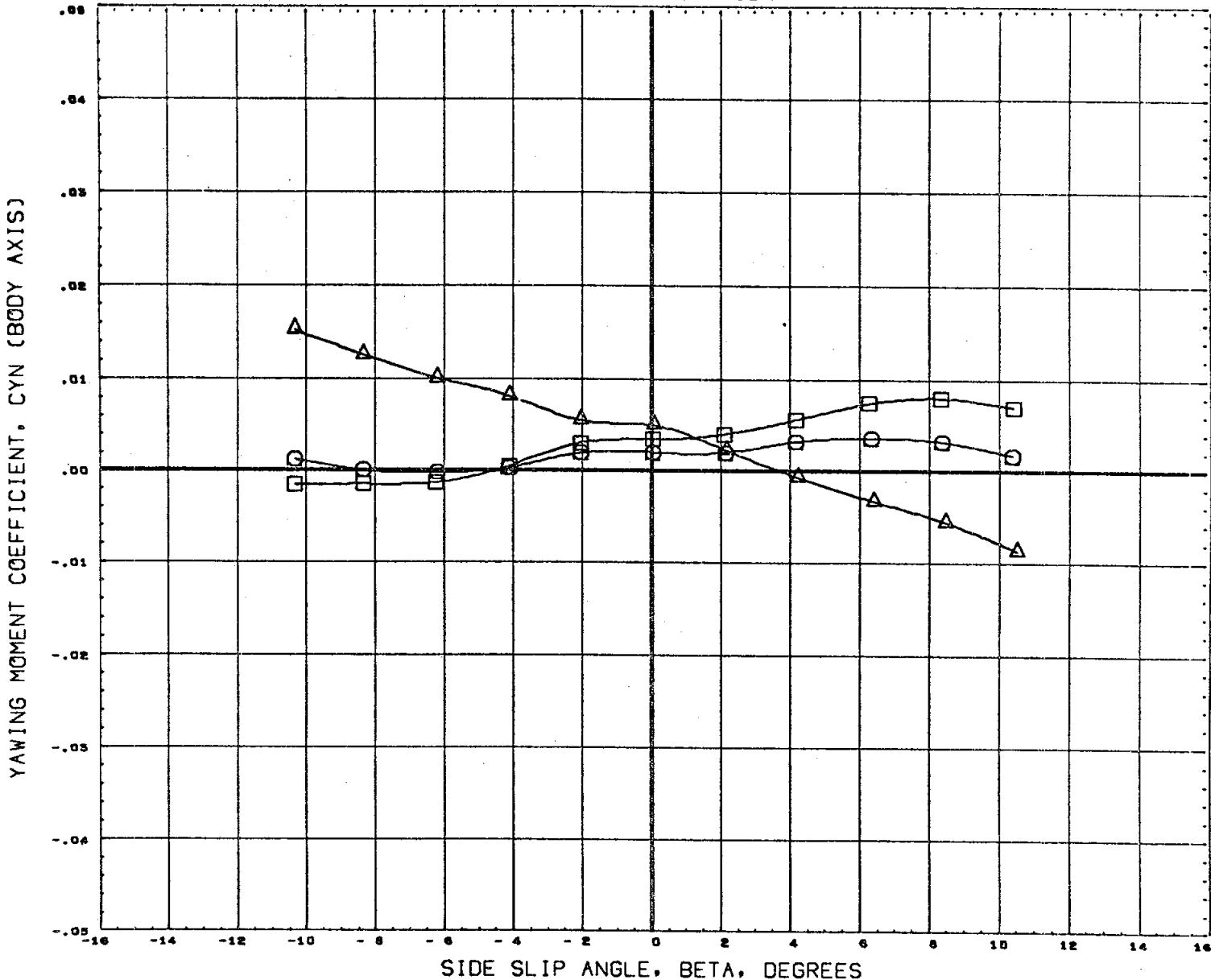
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

MACH .90

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

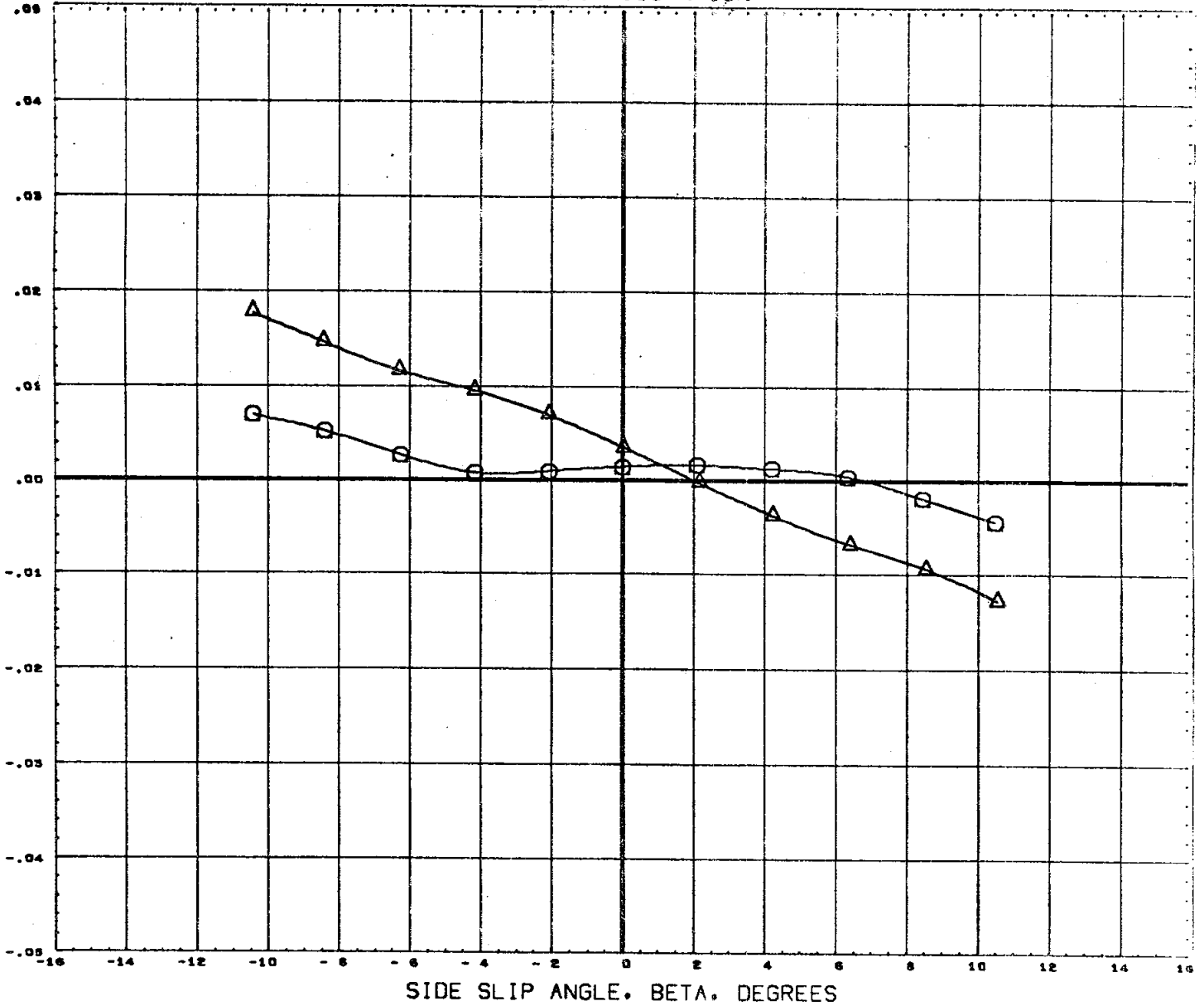


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	SREF 4.0300 IN.
(A76325)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

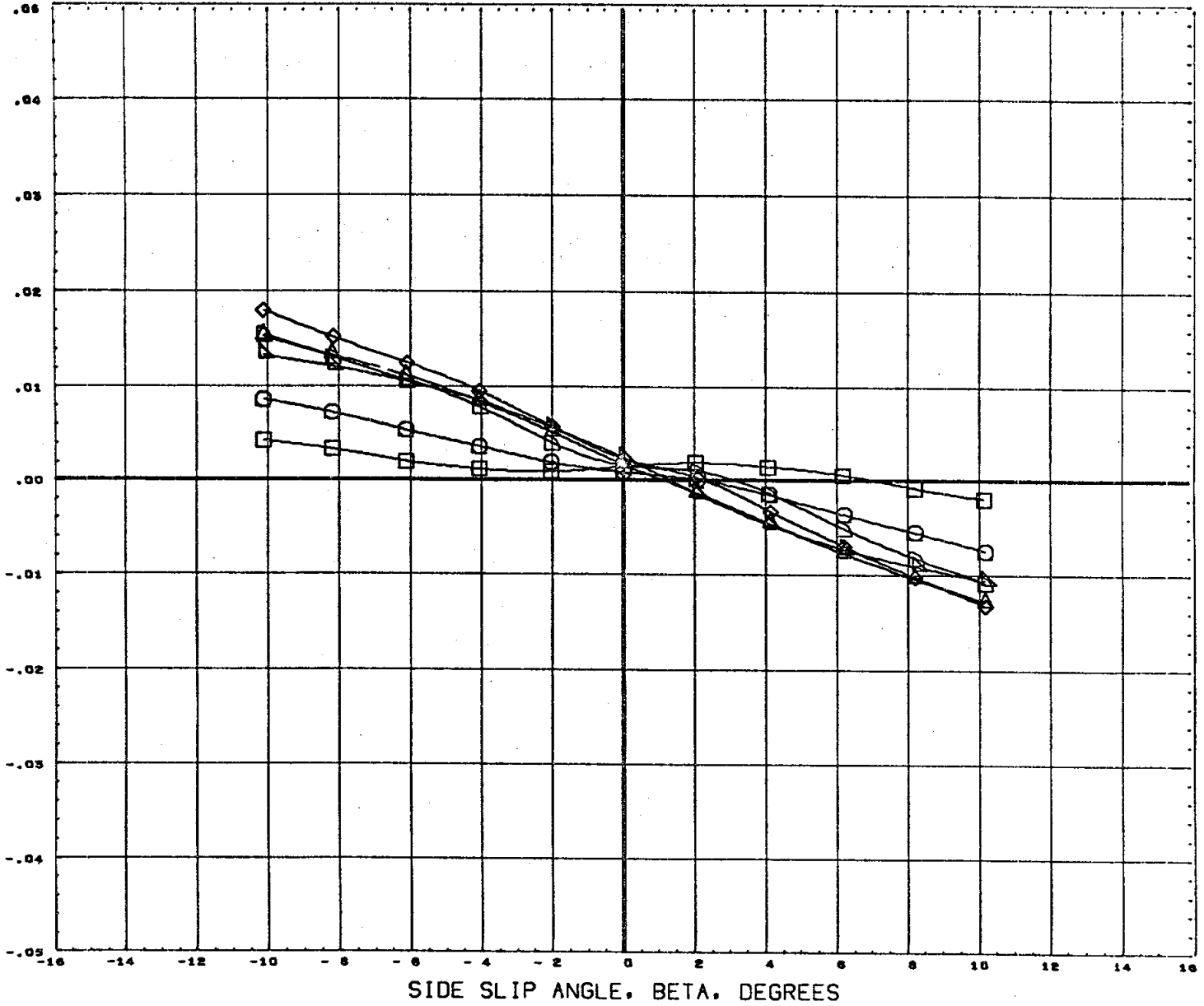
MACH

1.96



# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)



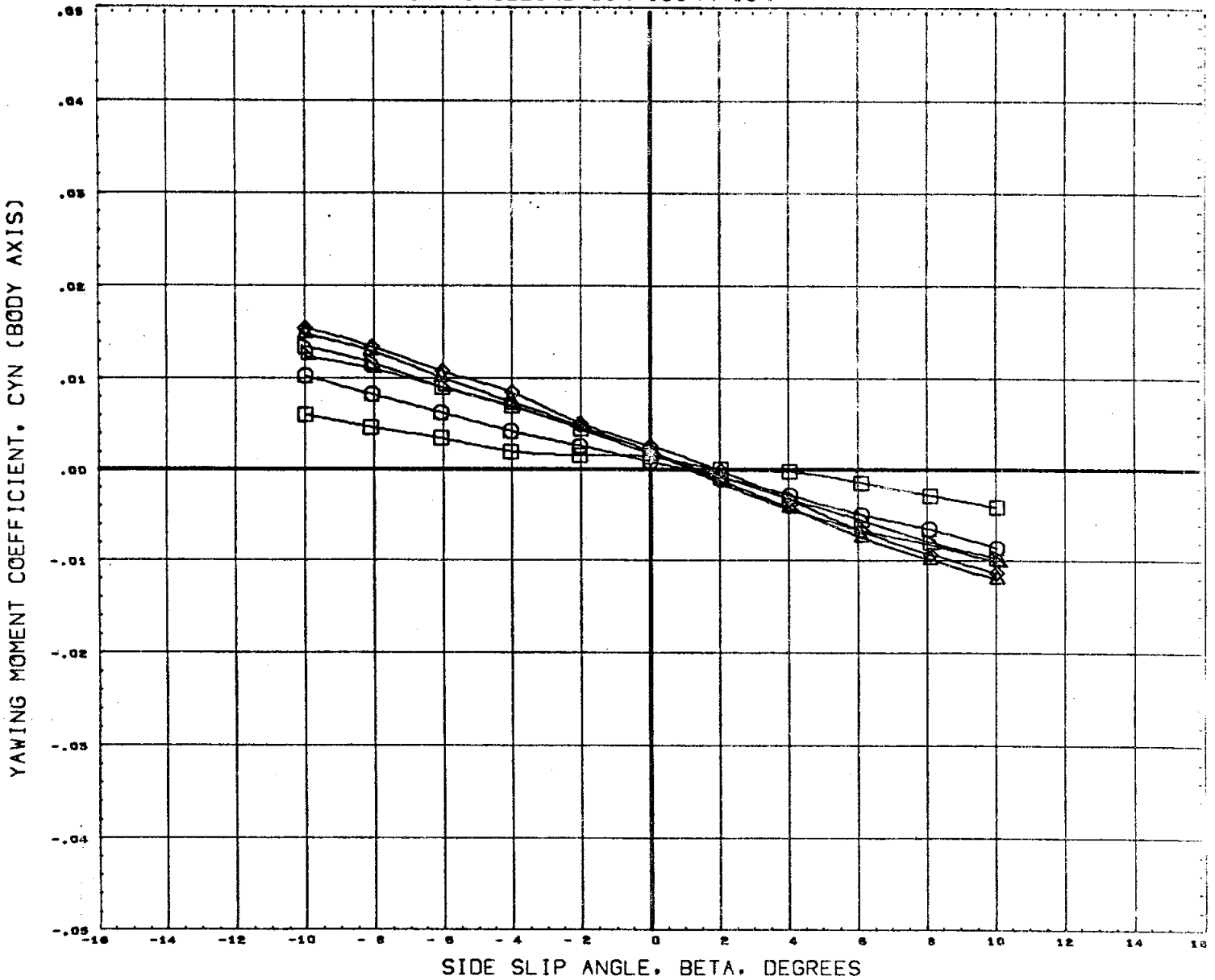
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

MACH

2.99

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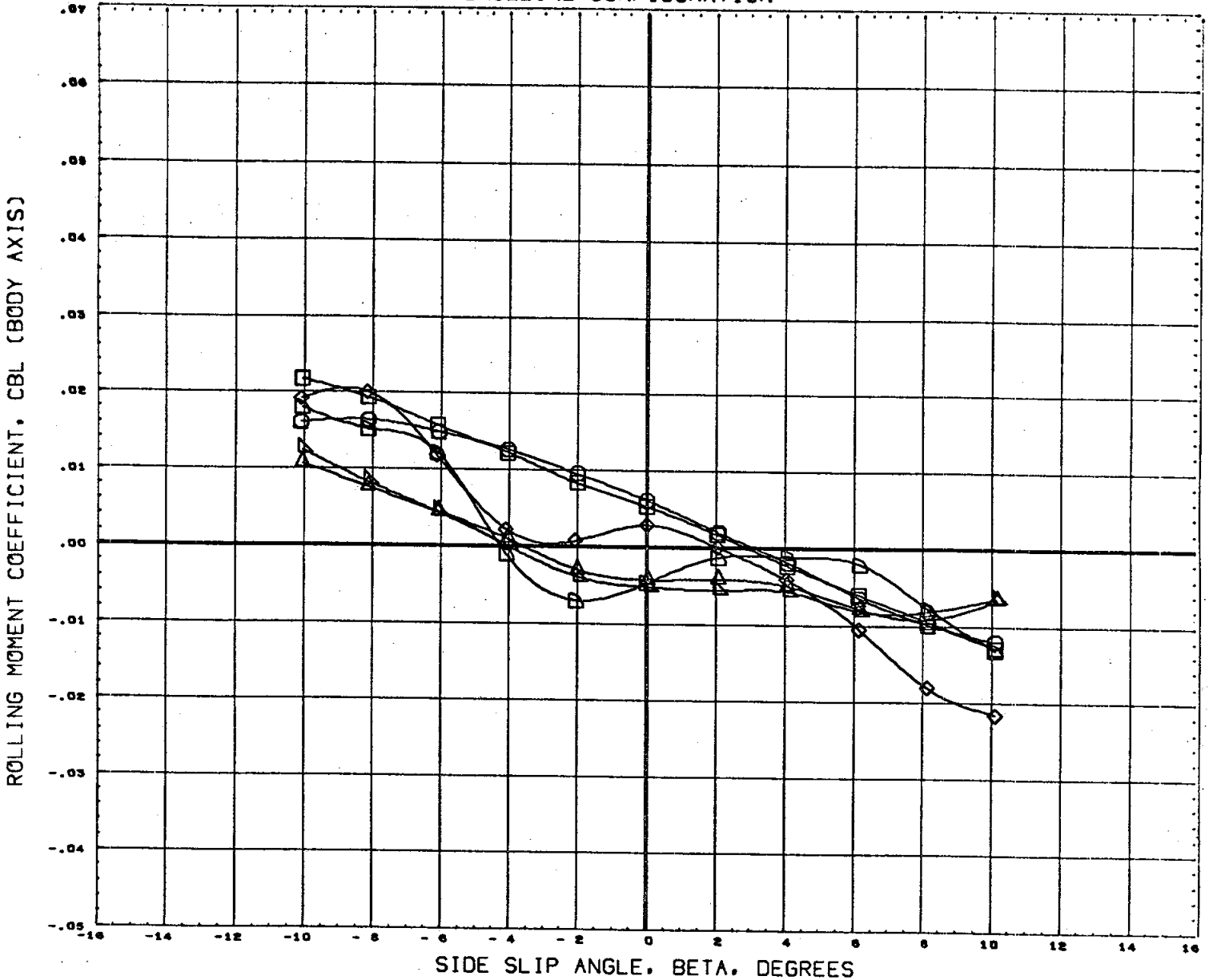
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDDLFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

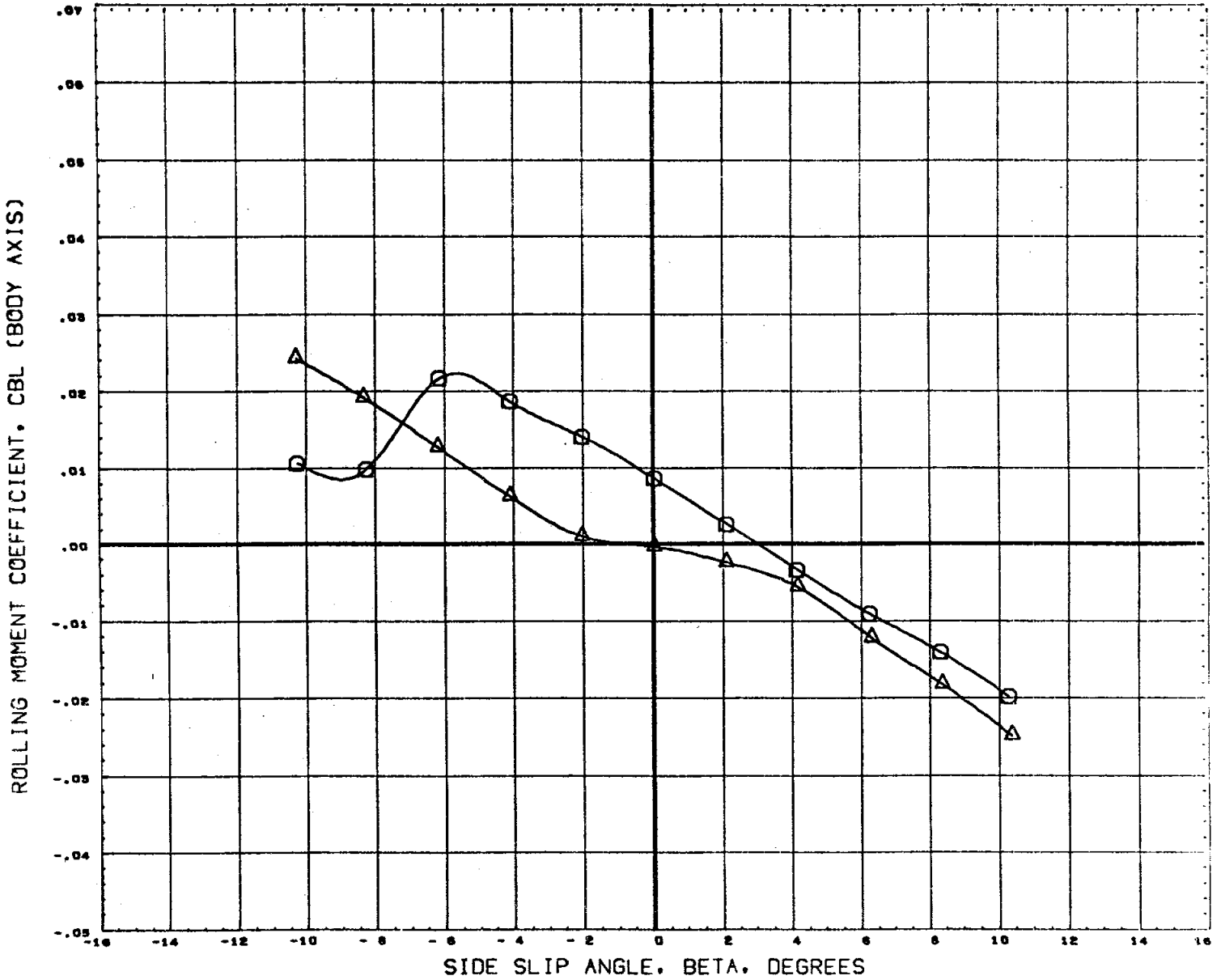
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XHRP 3.4530 IN.
(A76326)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YHRP 0.0000 IN.
(A76327)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZHRP 0.0000 IN.
						SCALE 0.0040

MACH .60

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

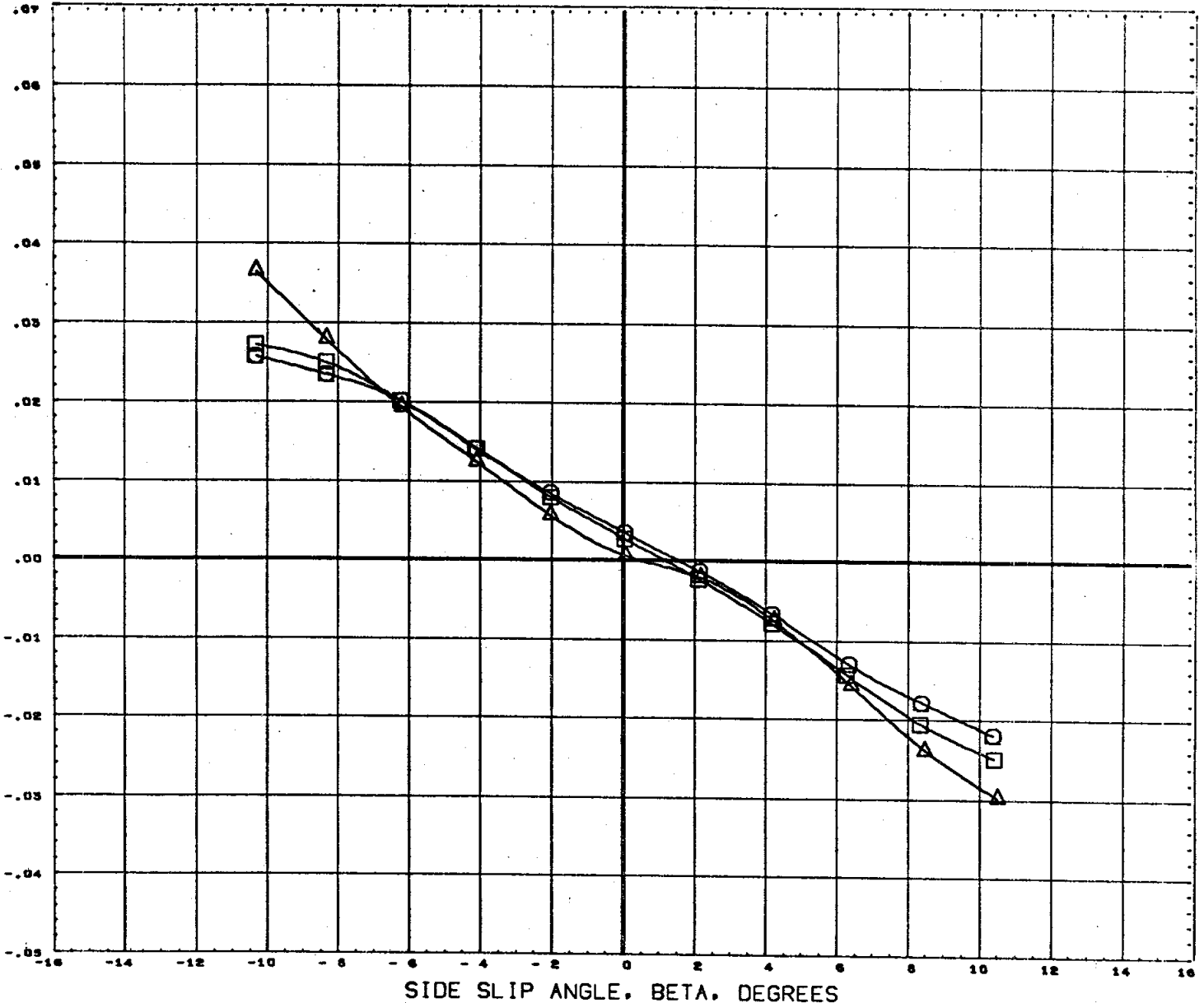


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 50. IN.
(A76306)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH .90

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

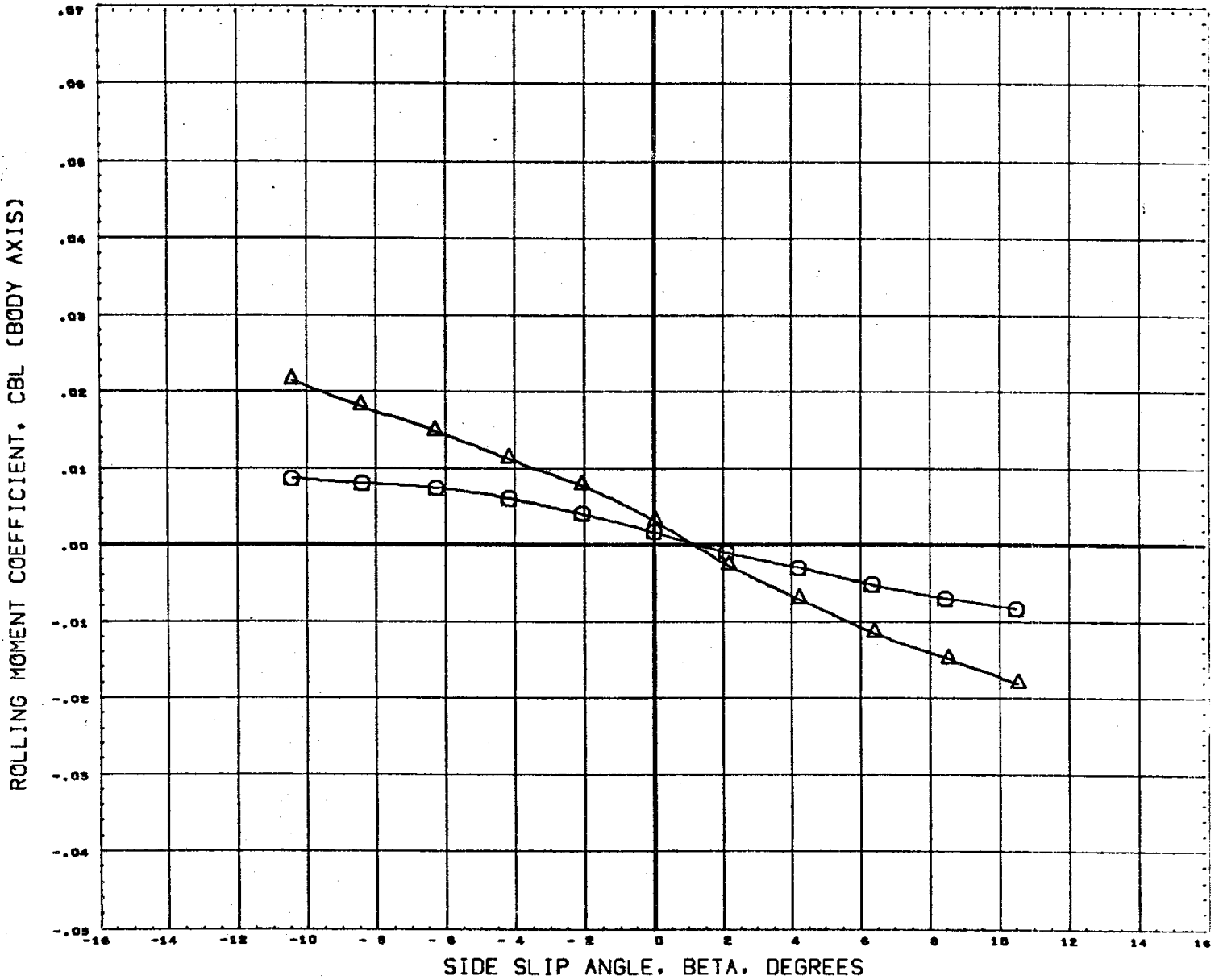
ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

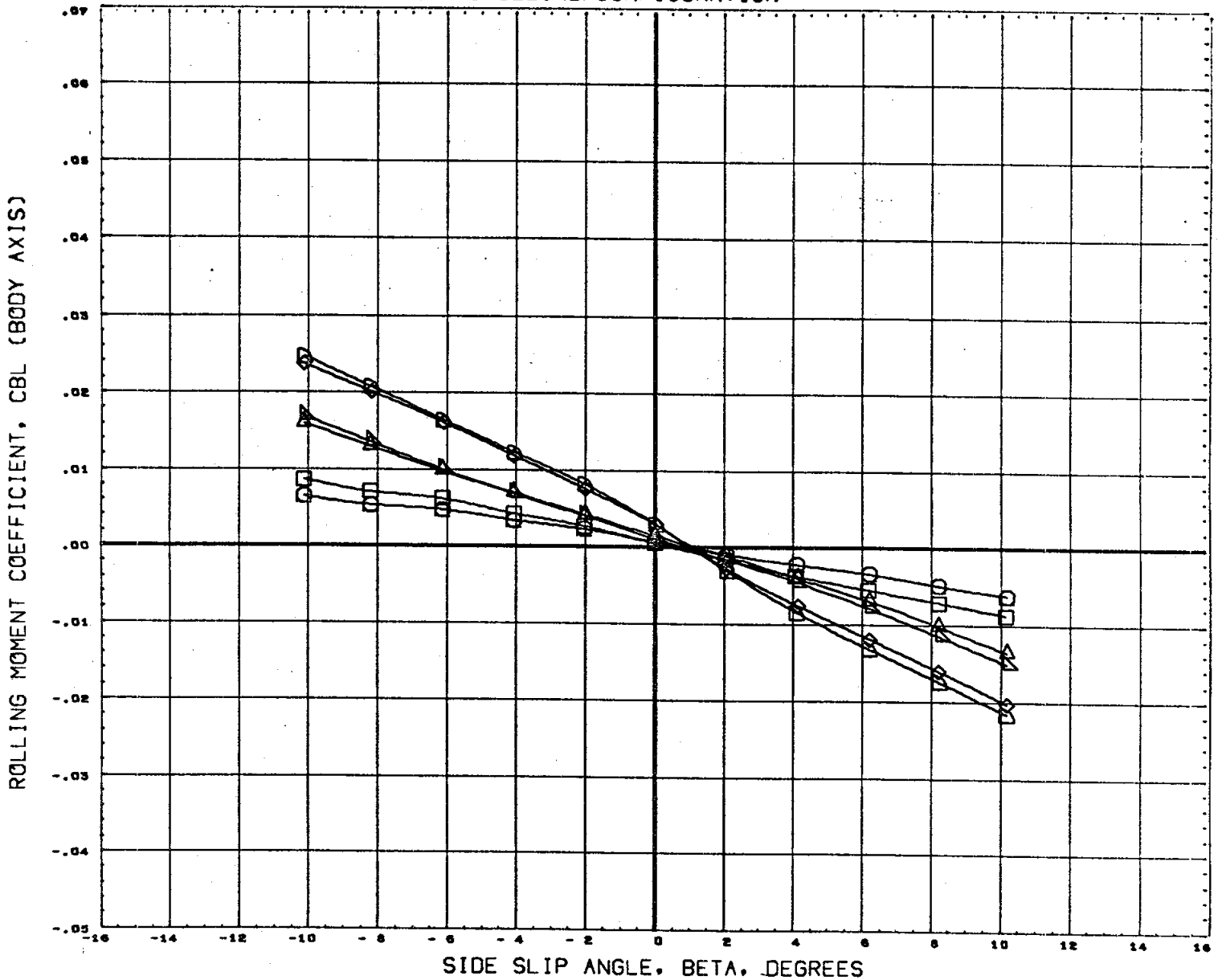
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	10.000	0.000	BREF 4.0500 IN.
(A76325)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	DATA NOT AVAILABLE FOR ALL CONDITIONS	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	DATA NOT AVAILABLE FOR ALL CONDITIONS	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 1.96

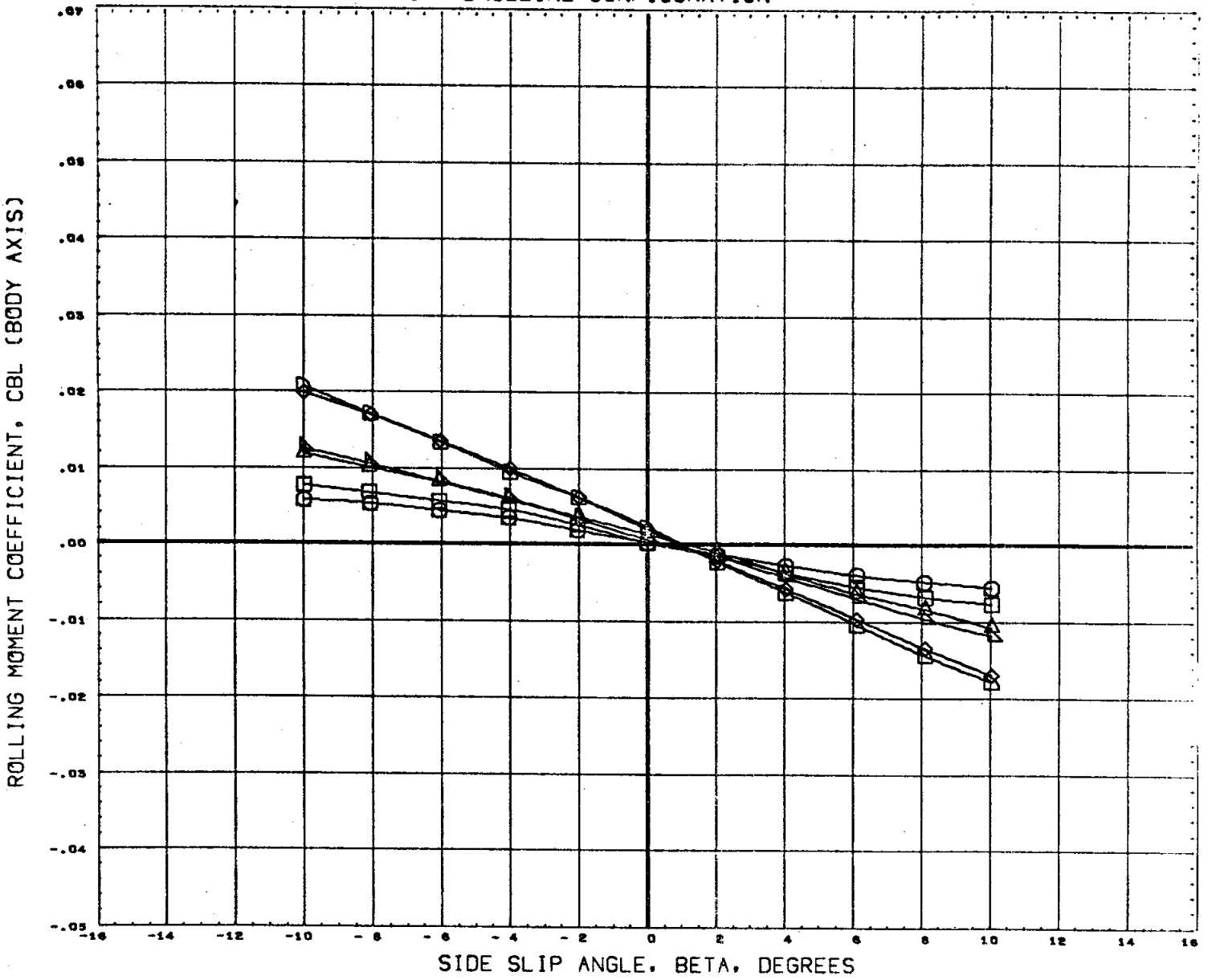
# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	BREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

# EFFECT OF RUDDER FLARE WITH BASELINE CONFIGURATION

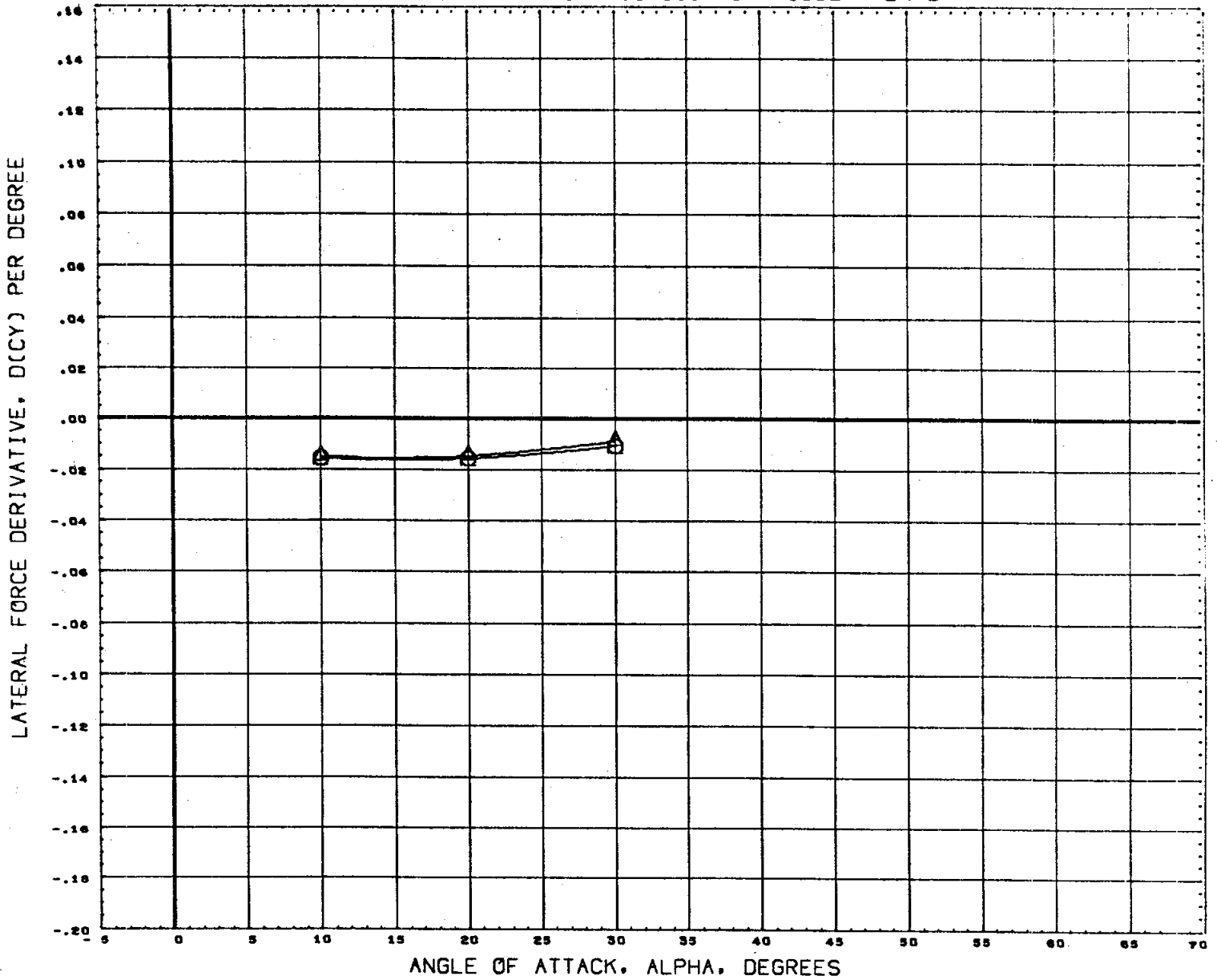


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDDLFR	RUDDER	REFERENCE INFORMATION
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	SREF 7.4190 30. IN.
(A76306)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76307)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	10.000	0.000	SREF 4.0300 IN.
(A76325)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	40.000	0.000	XMRP 3.4530 IN.
(A76326)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	20.000	0.000	40.000	0.000	YMRP 0.0000 IN.
(A76327)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	30.000	0.000	40.000	0.000	ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

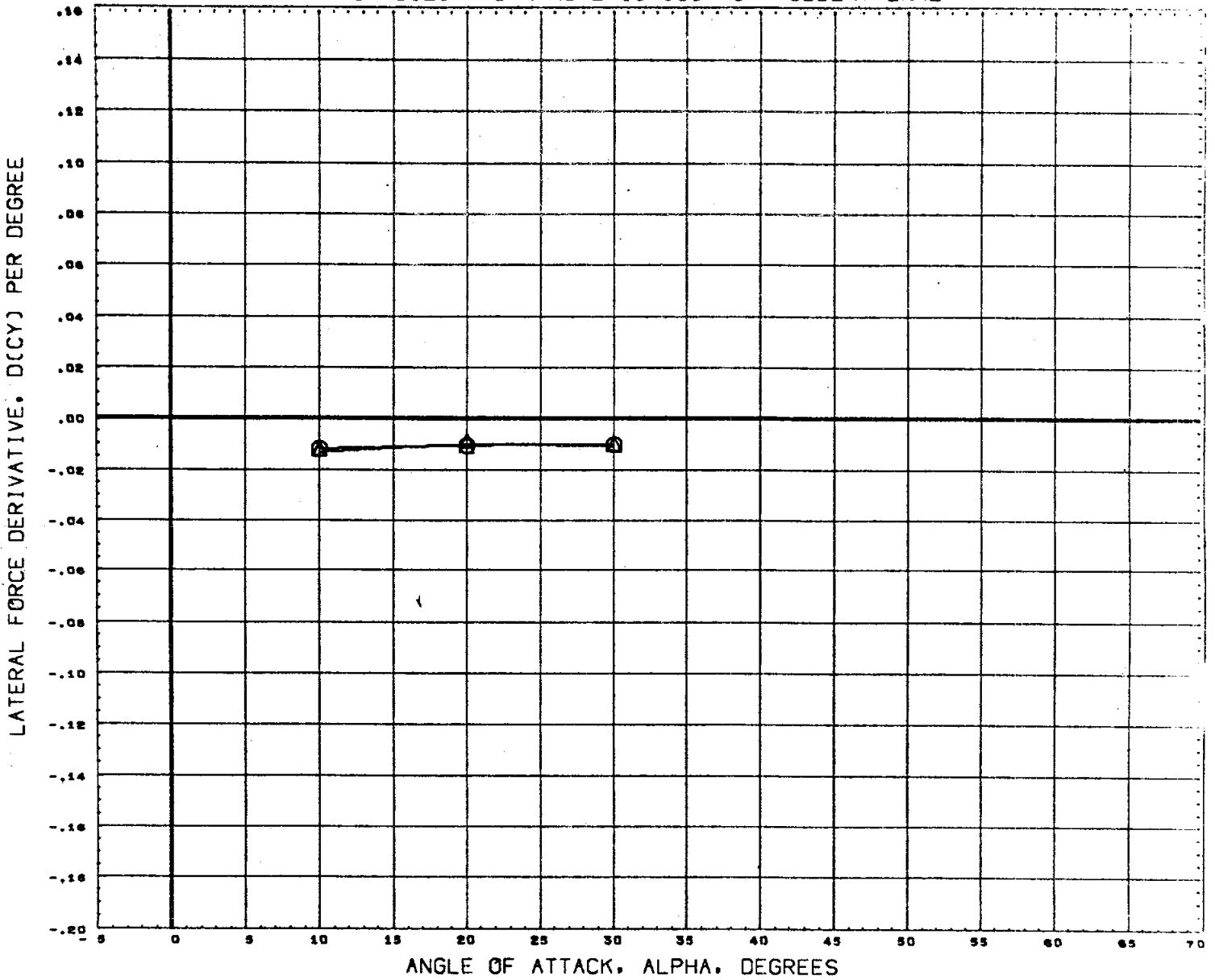


# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



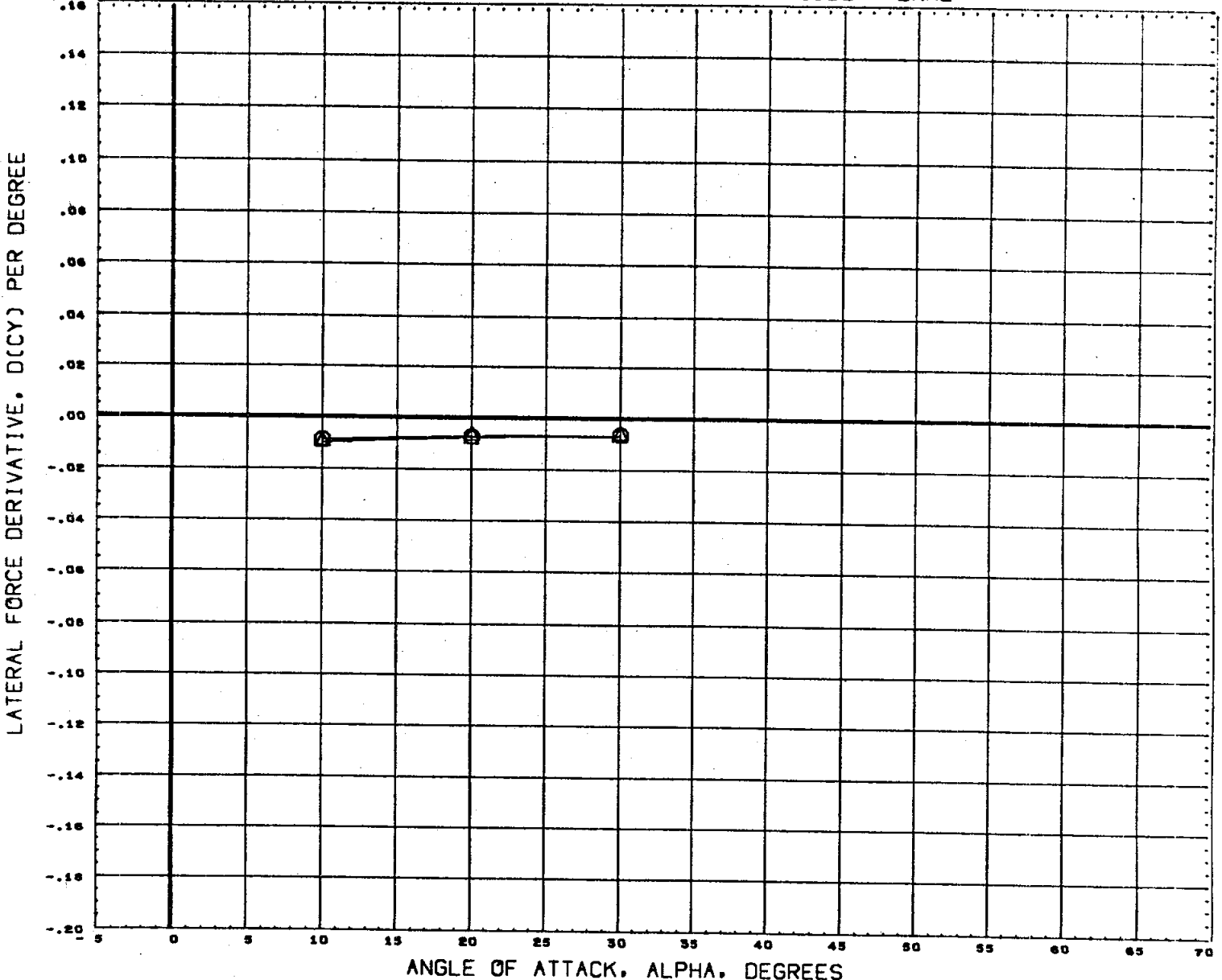
SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	10.000	MACH	0.600	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	I			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



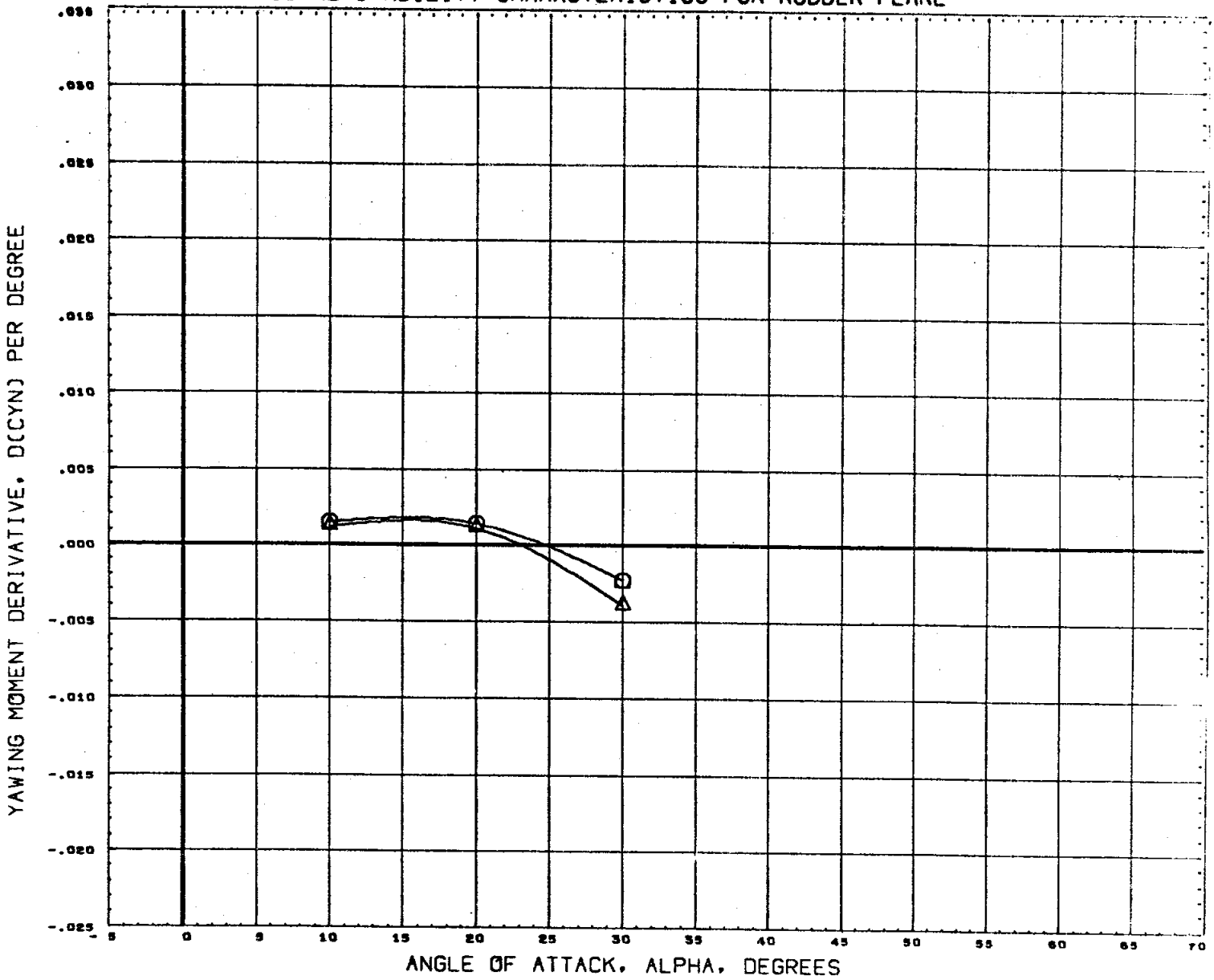
SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	10.000	MACH	2.990	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	I			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



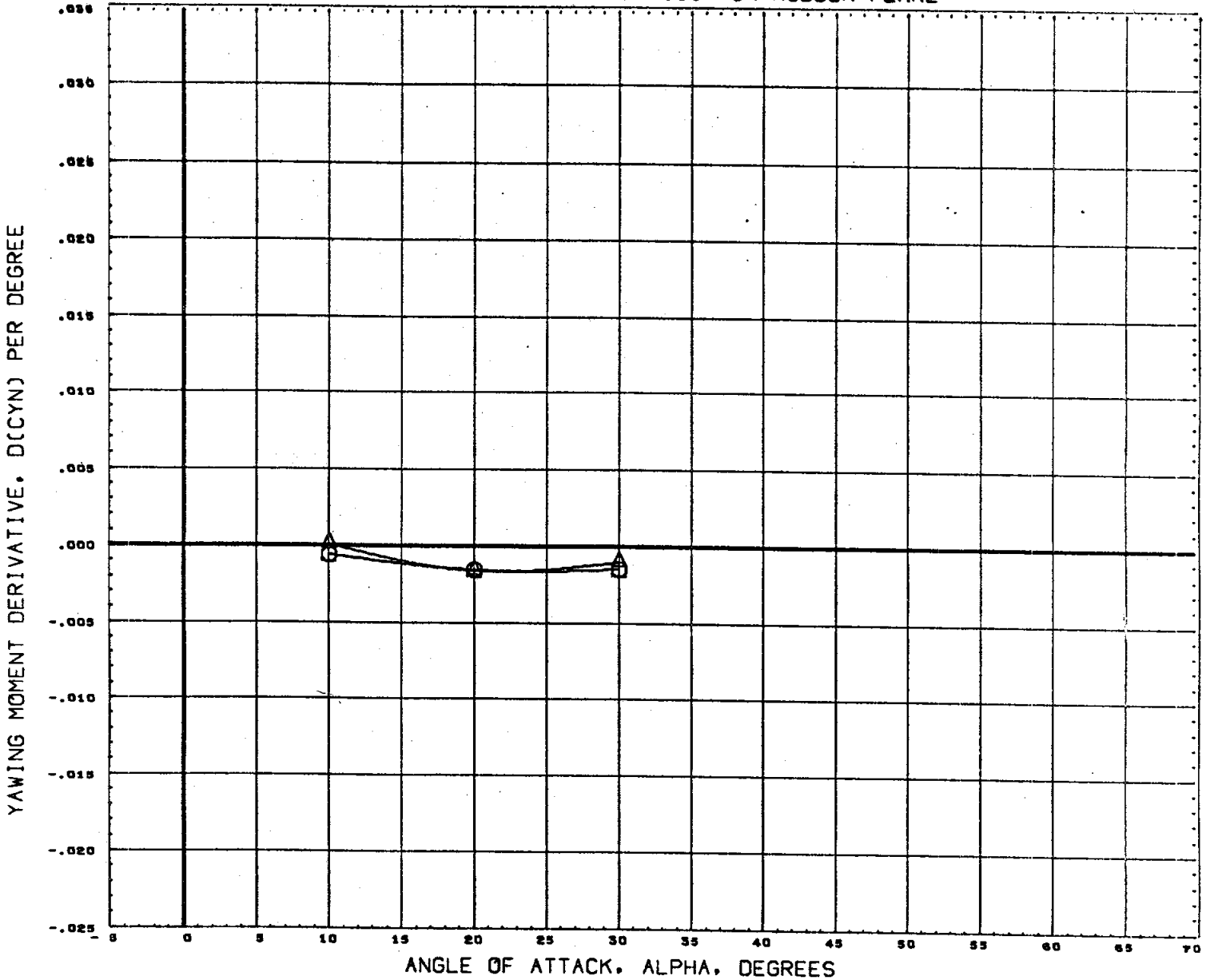
SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
Δ	10.000	MACH	4.960	CONFIG	3.000	SREF	7.4190	SQ. IN.
	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4330	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
		DATA HIST. CODE	1			SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



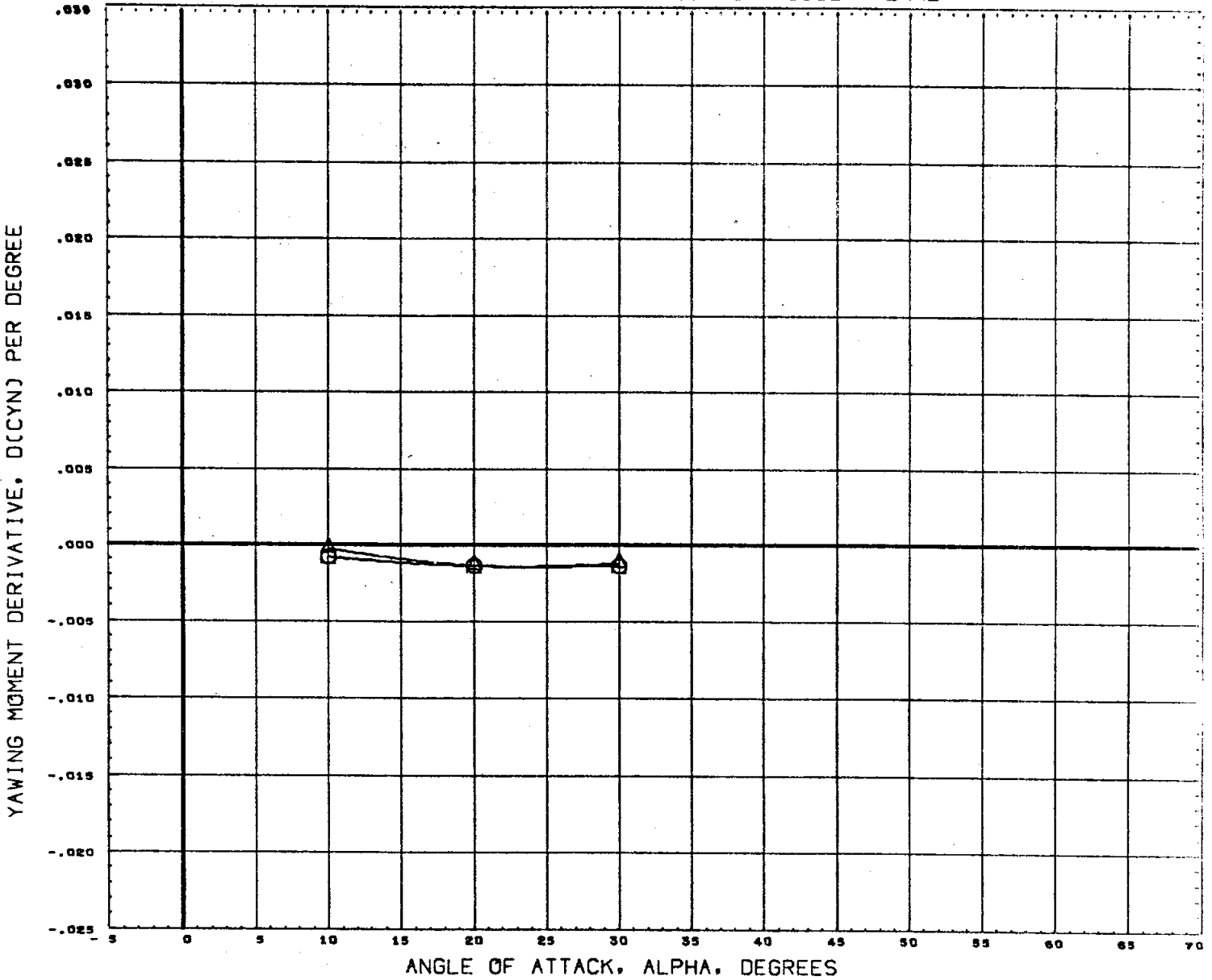
SYMBOL ∞ △	RUDFLR	PARAMETRIC VALUES			REFERENCE INFORMATION			
	10.000	MACH	0.600	CONFIG	3.000	SREF	7.4190	SQ. IN.
	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OSDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OSDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	1			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



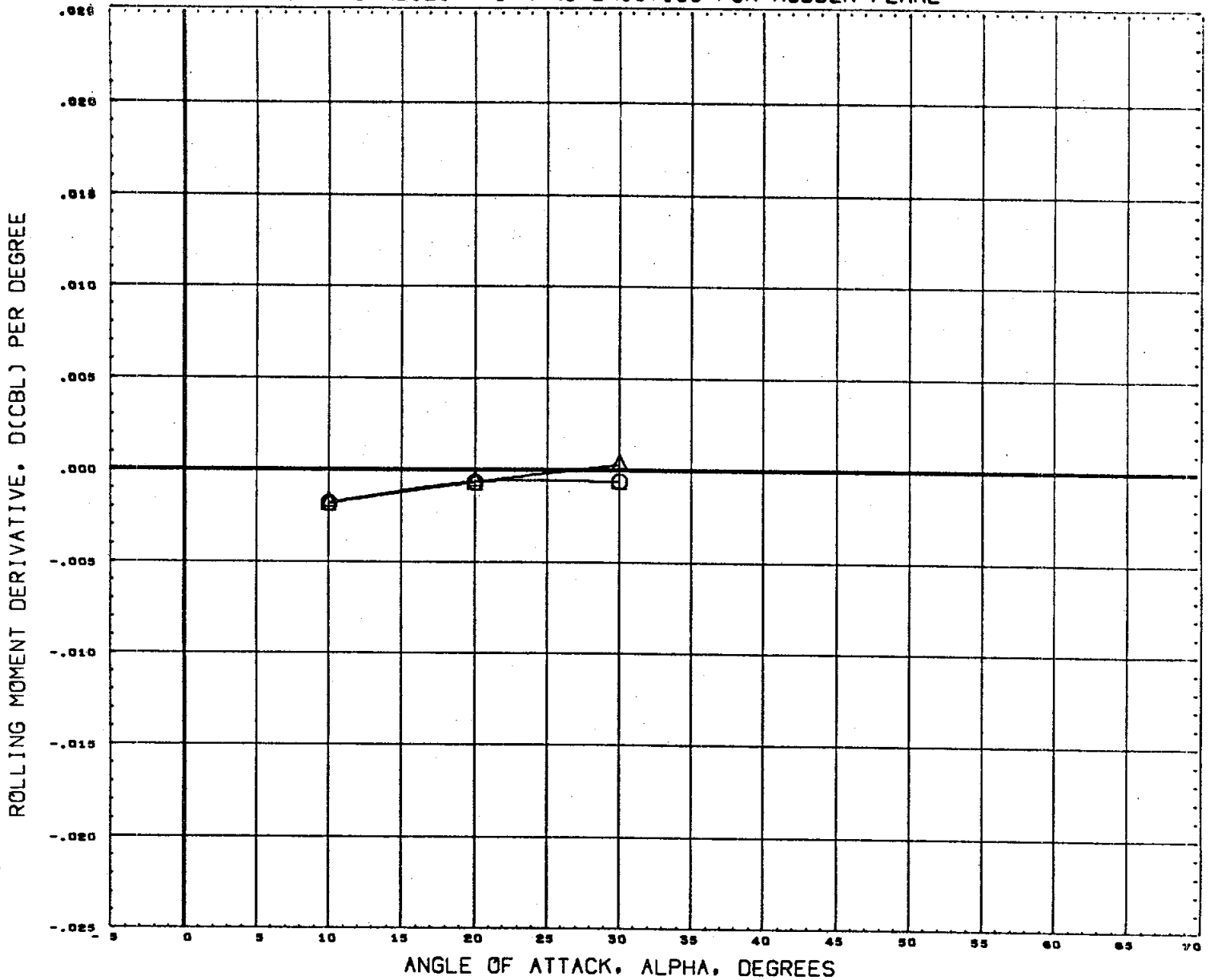
SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
∞	10.000	MACH	2.990	CONFIG	3.000	SREF	7.4190	SQ. IN.
	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4550	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	I			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



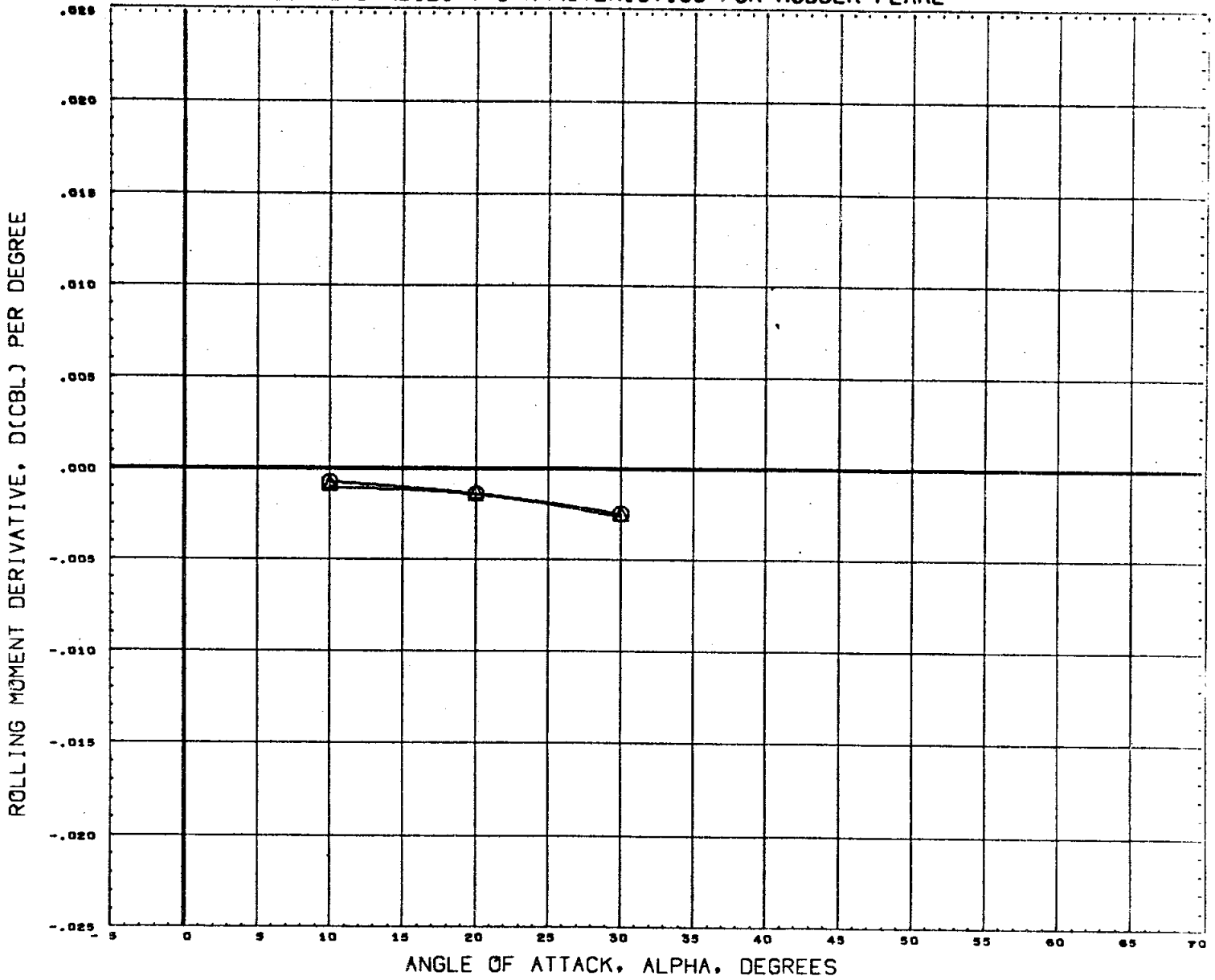
SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	10.000	MACH	4.960	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	
		DATA HIST. CODE	1					

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



SYMBOL Δ	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
	10.000	MACH	0.600	CONFIG	3.000	SREF	7.4190	50. IN.
	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4330	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	I			ZMRP	0.0000	IN.
						SCALE	0.0040	

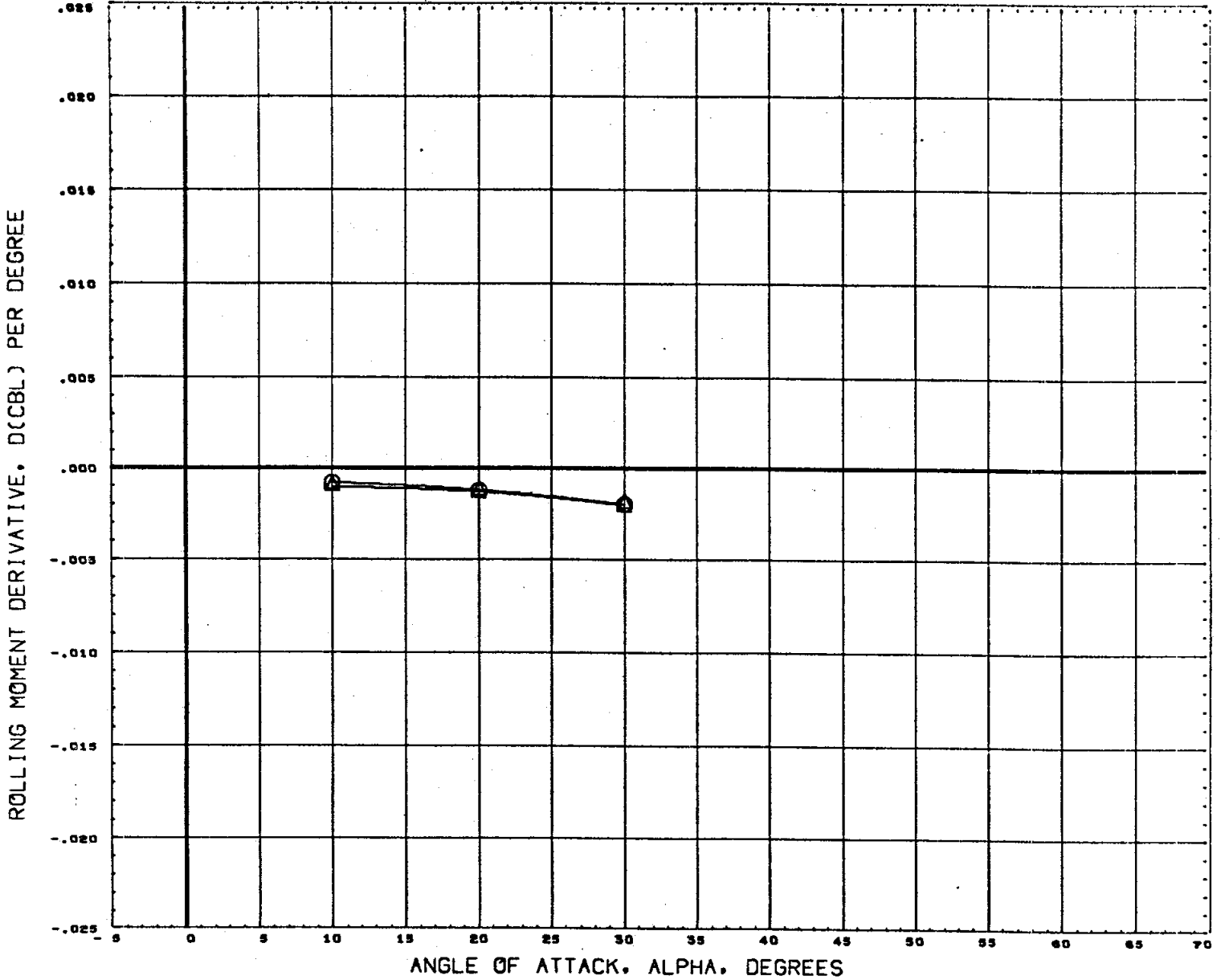
# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	10.000	MACH	2.990	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	1			ZMRP	0.0000	IN.
						SCALE	0.0040	

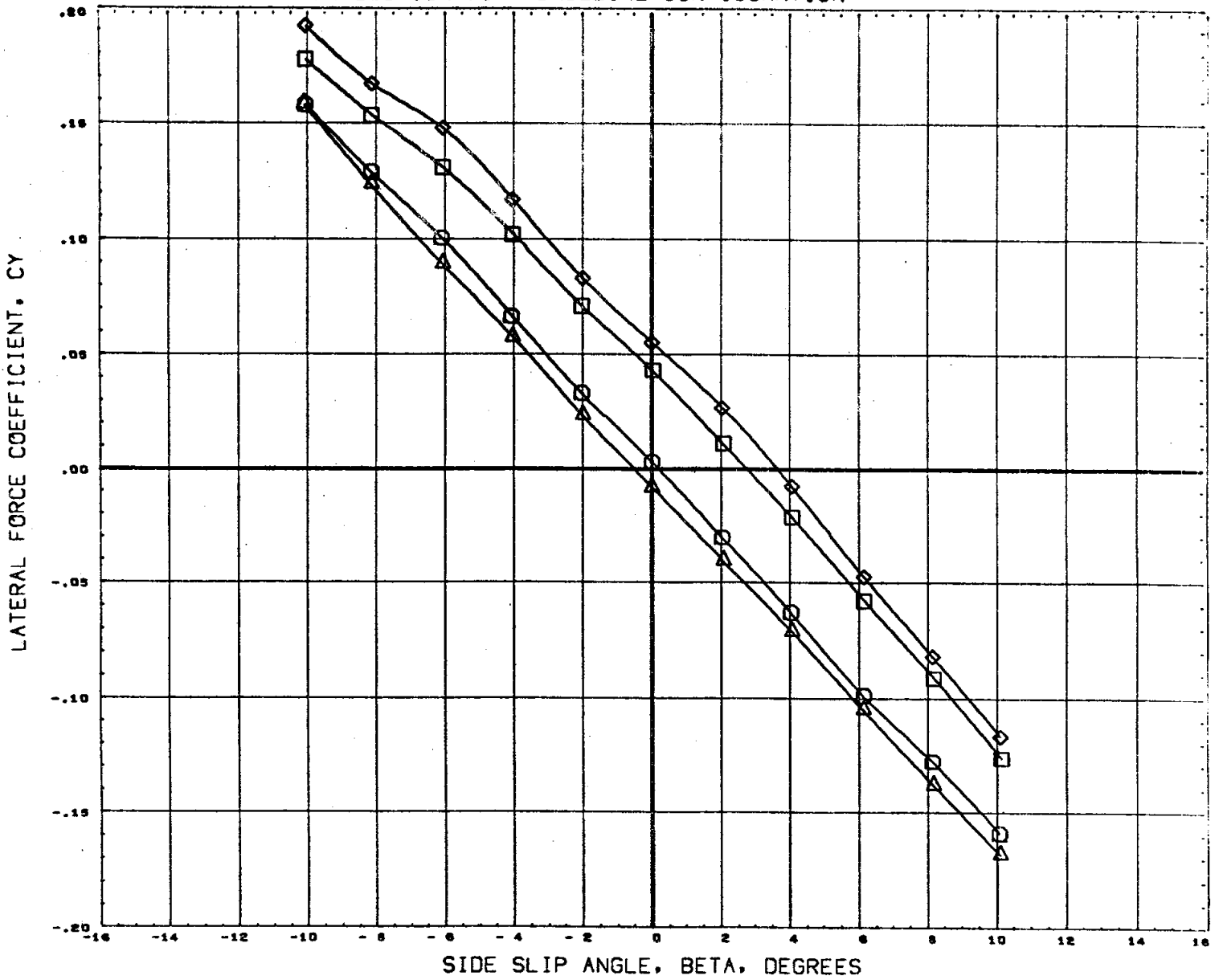


# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER FLARE



SYMBOL	RUDFLR	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	10.000	MACH	4.960	CONFIG	3.000	SREF	7.4190	sq. in.
△	40.000	RUDDER	0.000	ELEVTR	0.000	LREF	2.1020	in.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	in.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	in.
		IBDAIL	0.000			YMRP	0.0000	in.
		DATA HIST. CODE	I			ZMRP	0.0000	in.
						SCALE	0.0040	

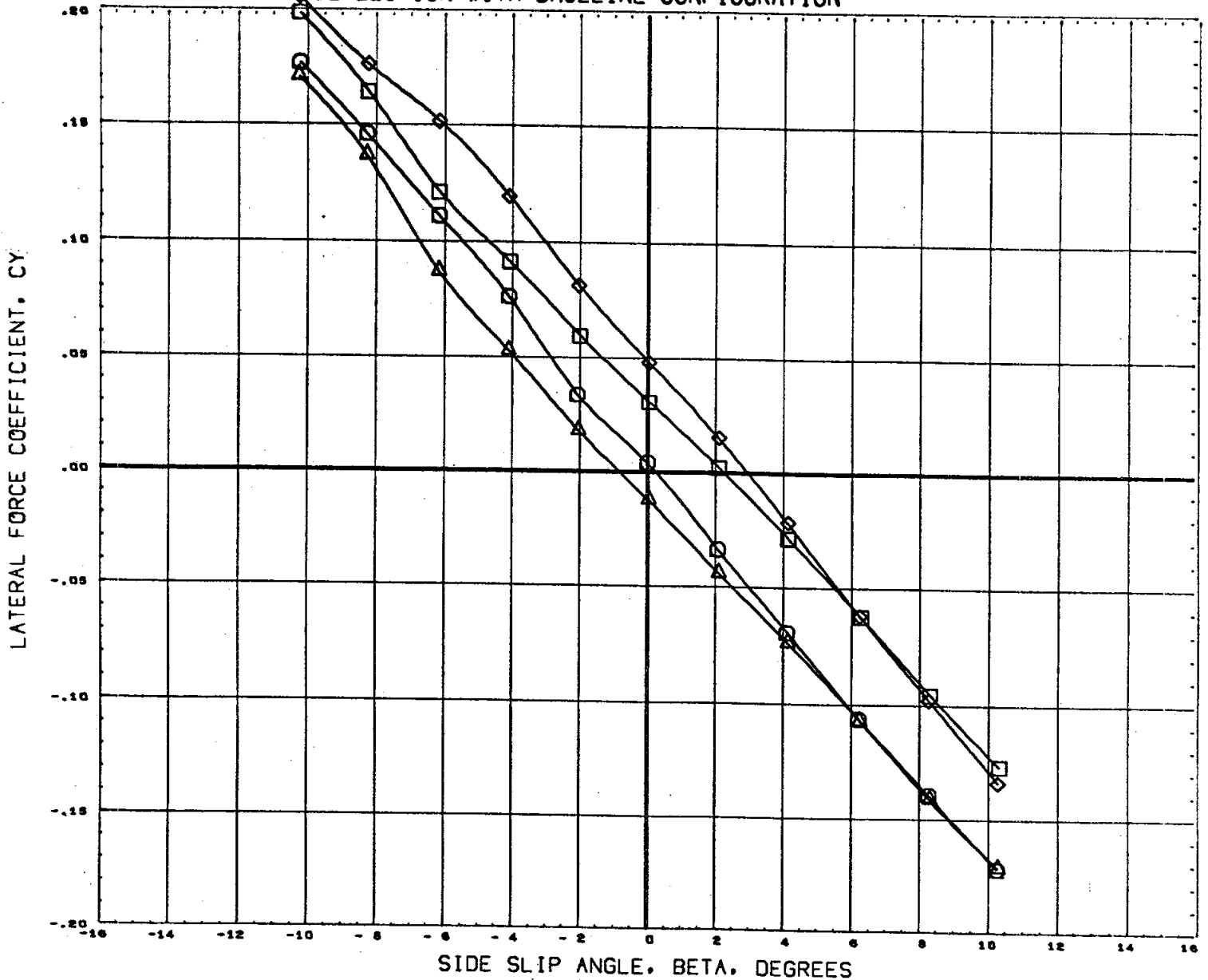
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .60

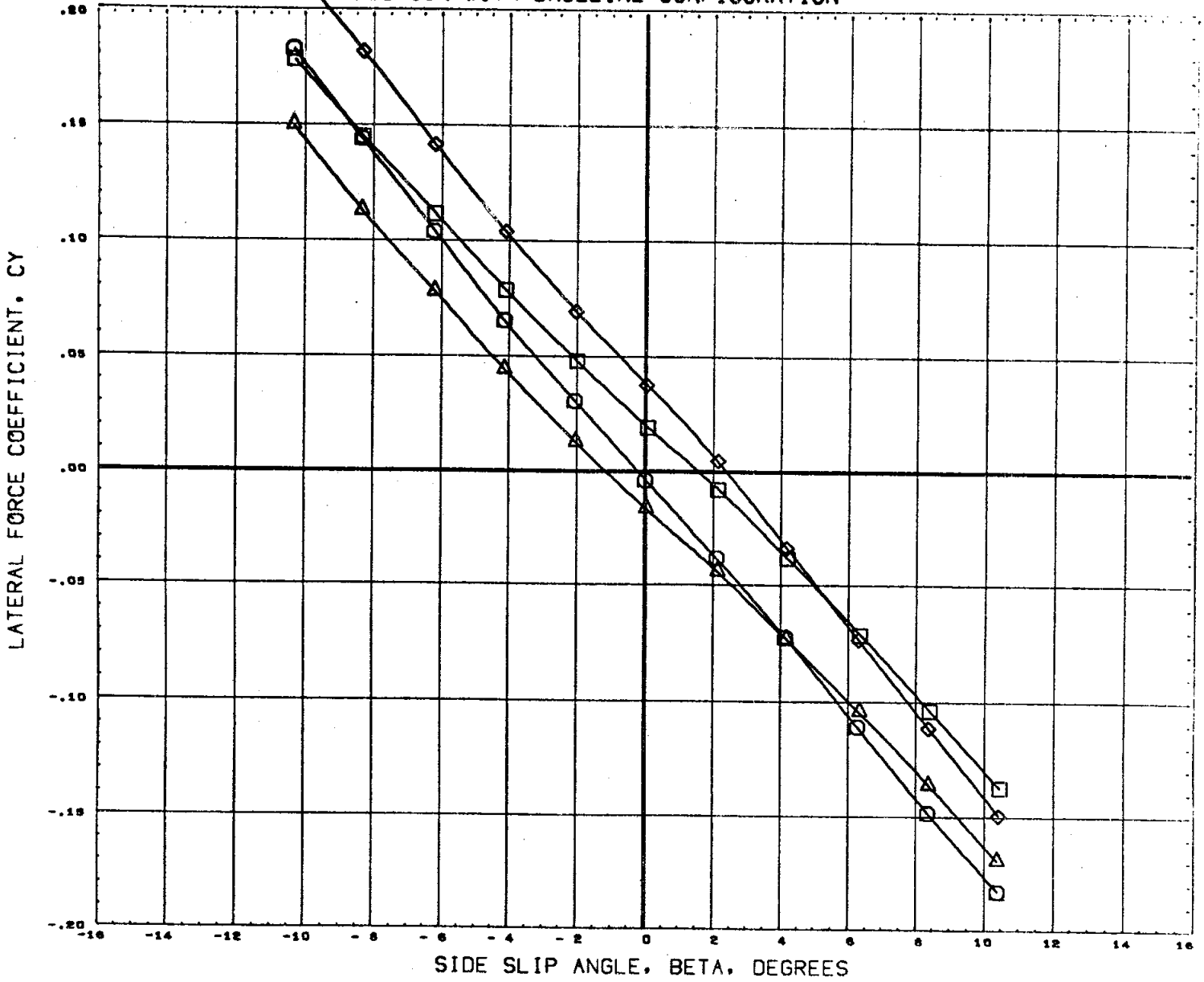
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 50. IN.
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4930 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .91

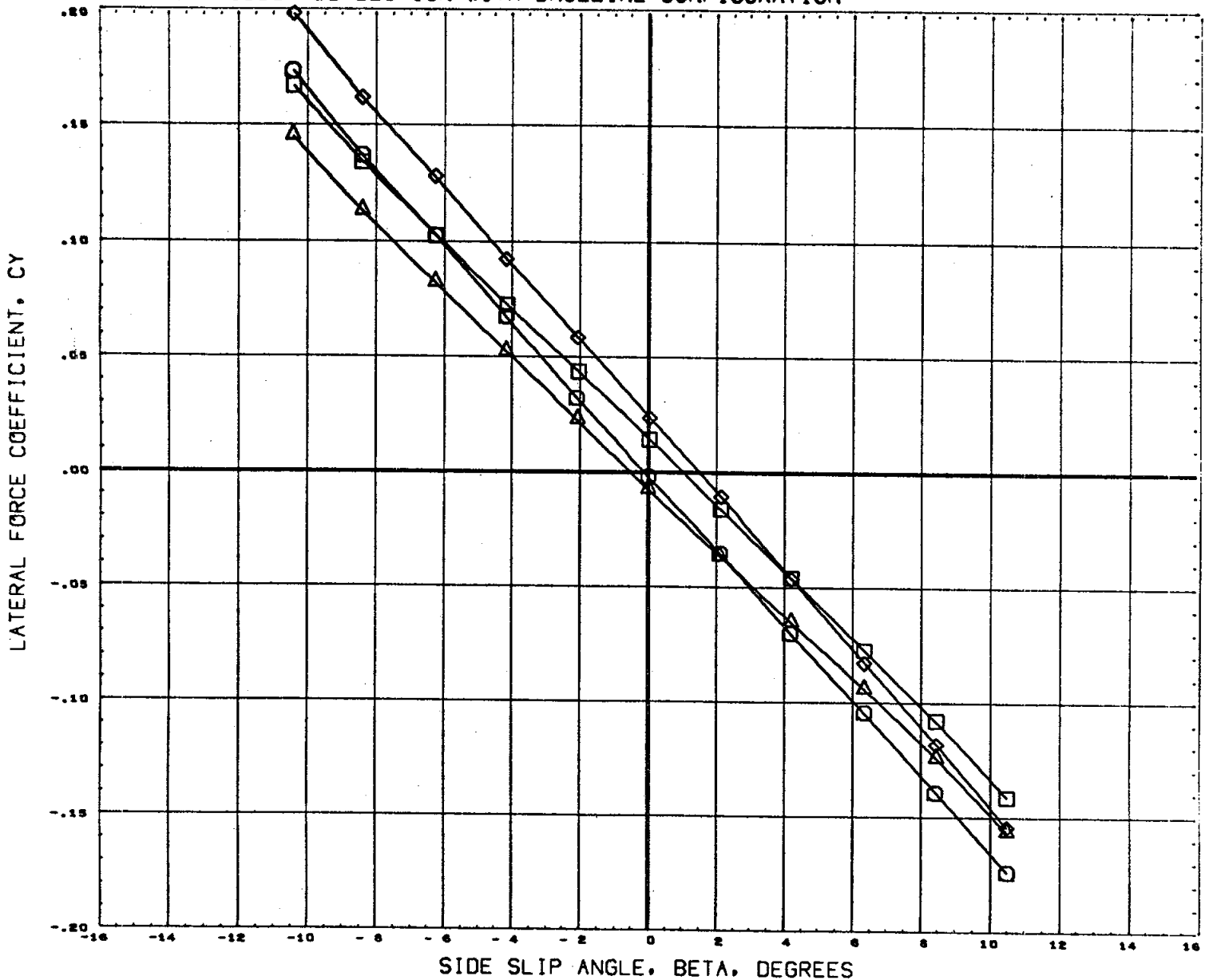
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ.IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

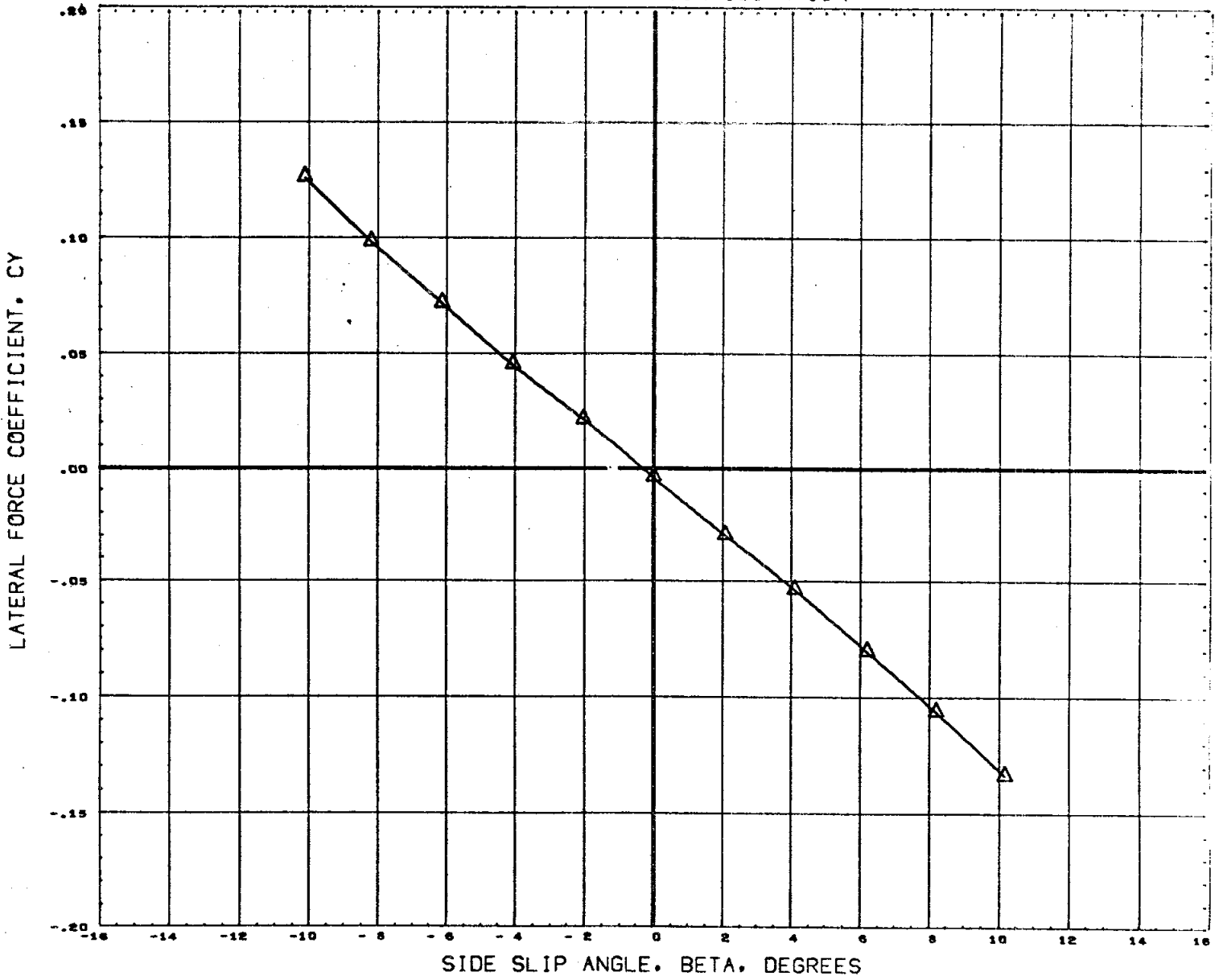
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76309)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.96

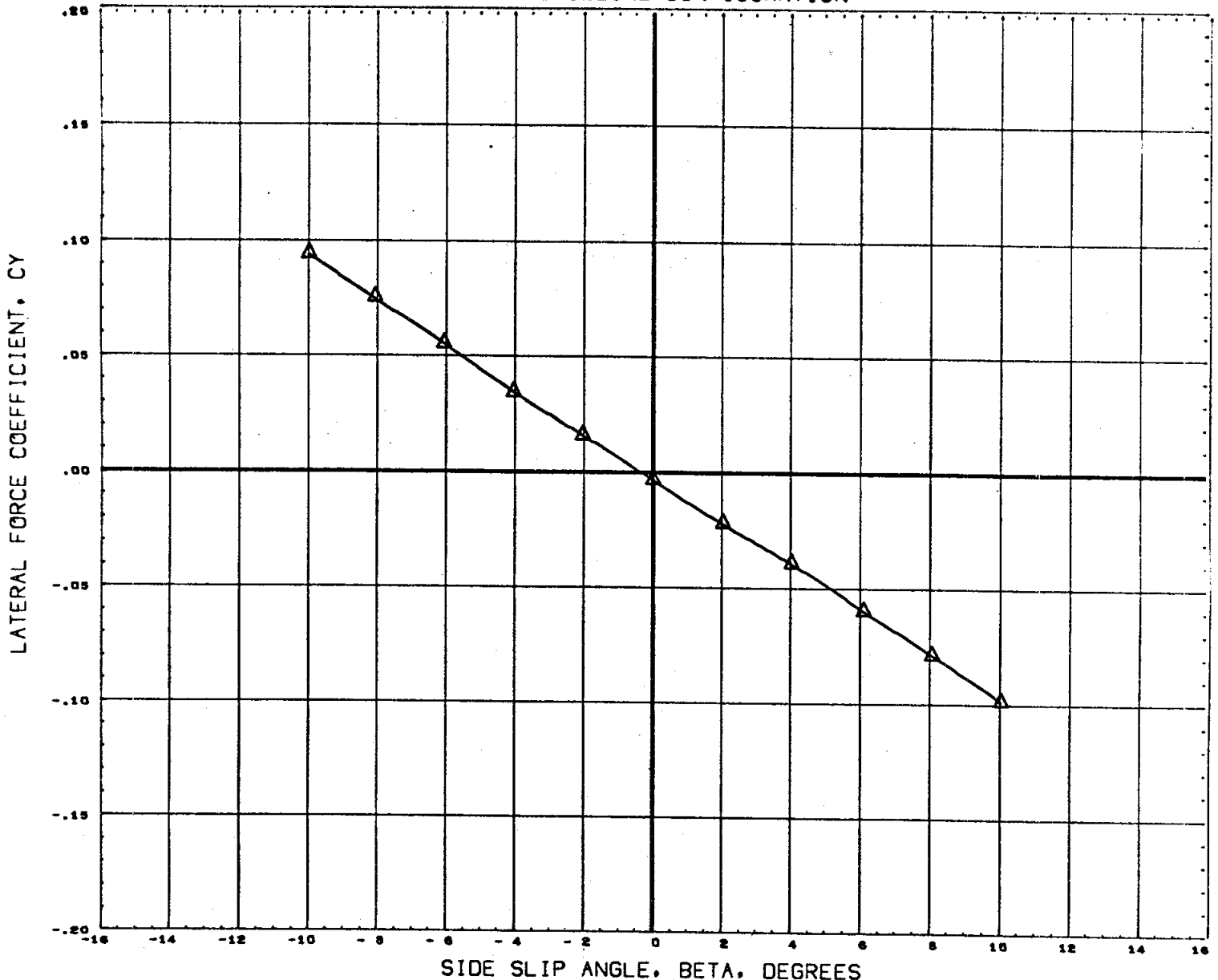
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

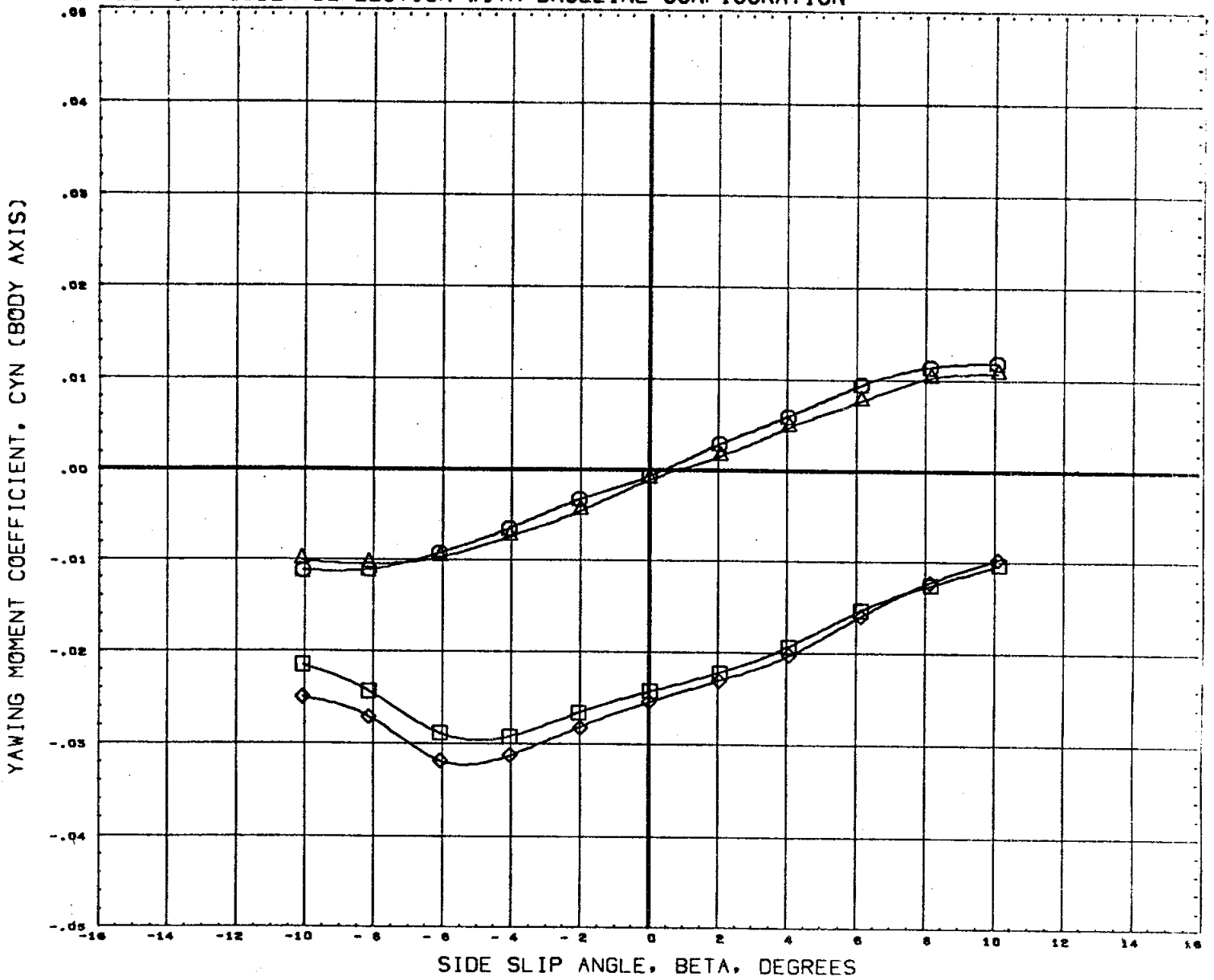
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M595 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	10.000	15.000	XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH 4.96

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

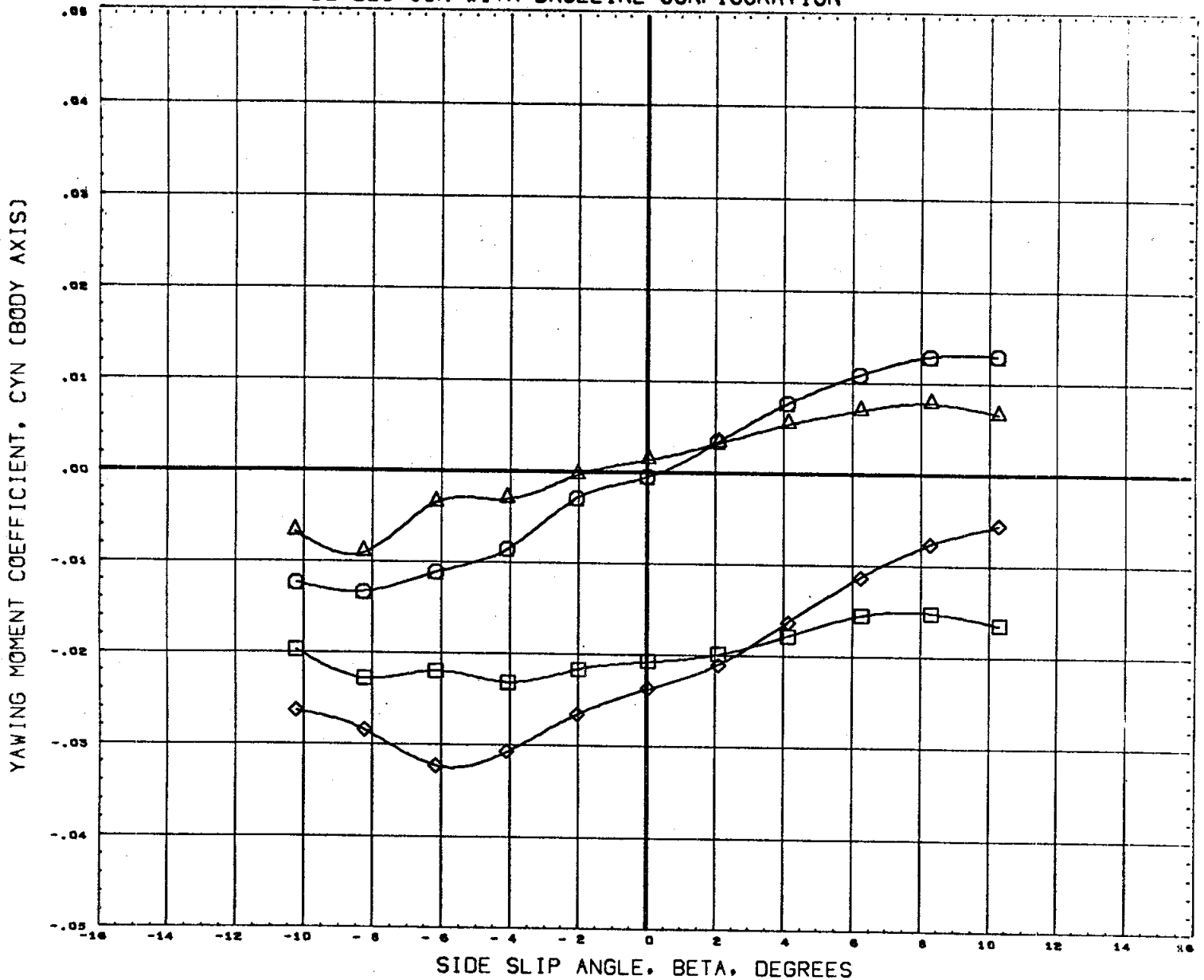


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .60



# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

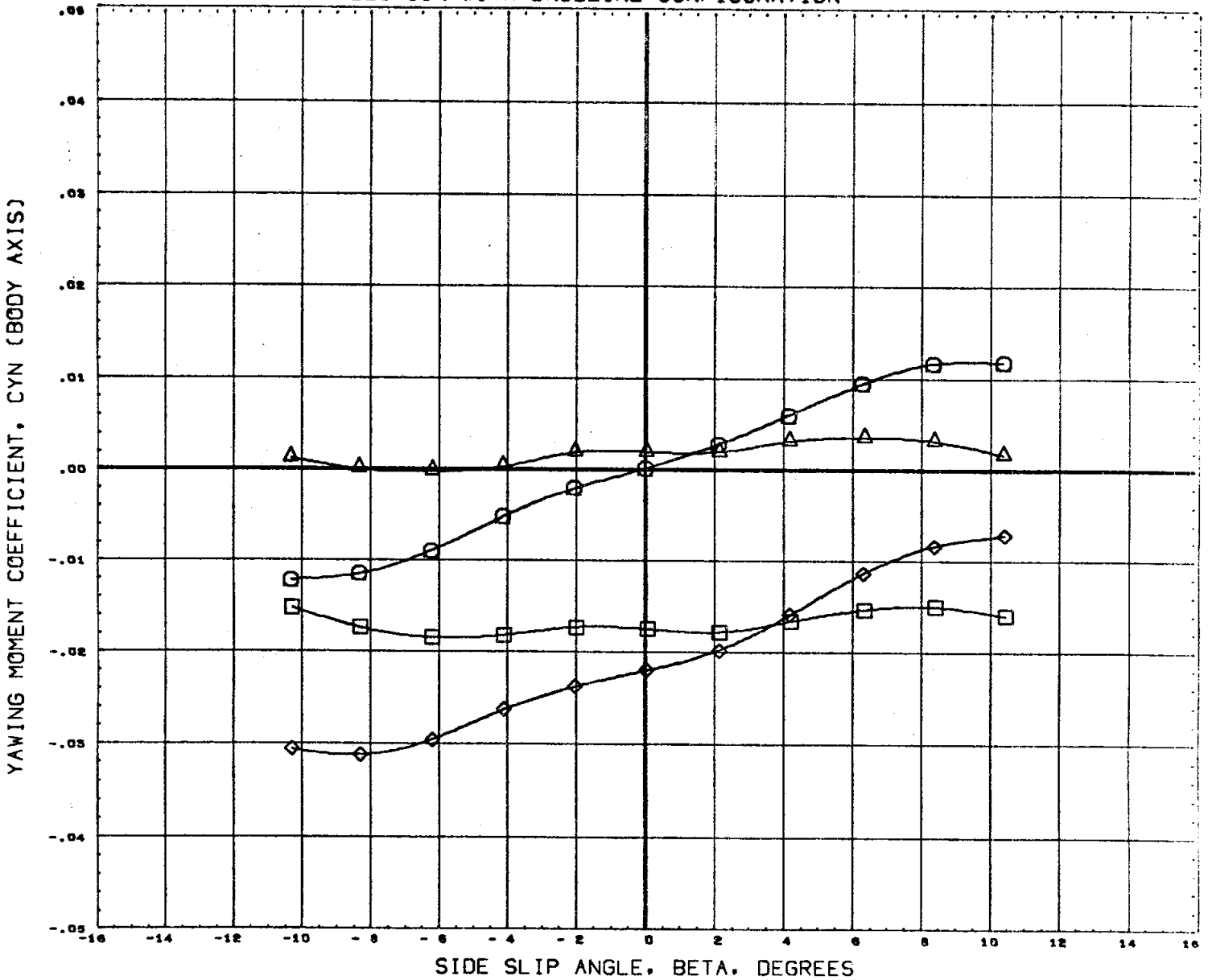


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76351)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4550 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH

.91

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

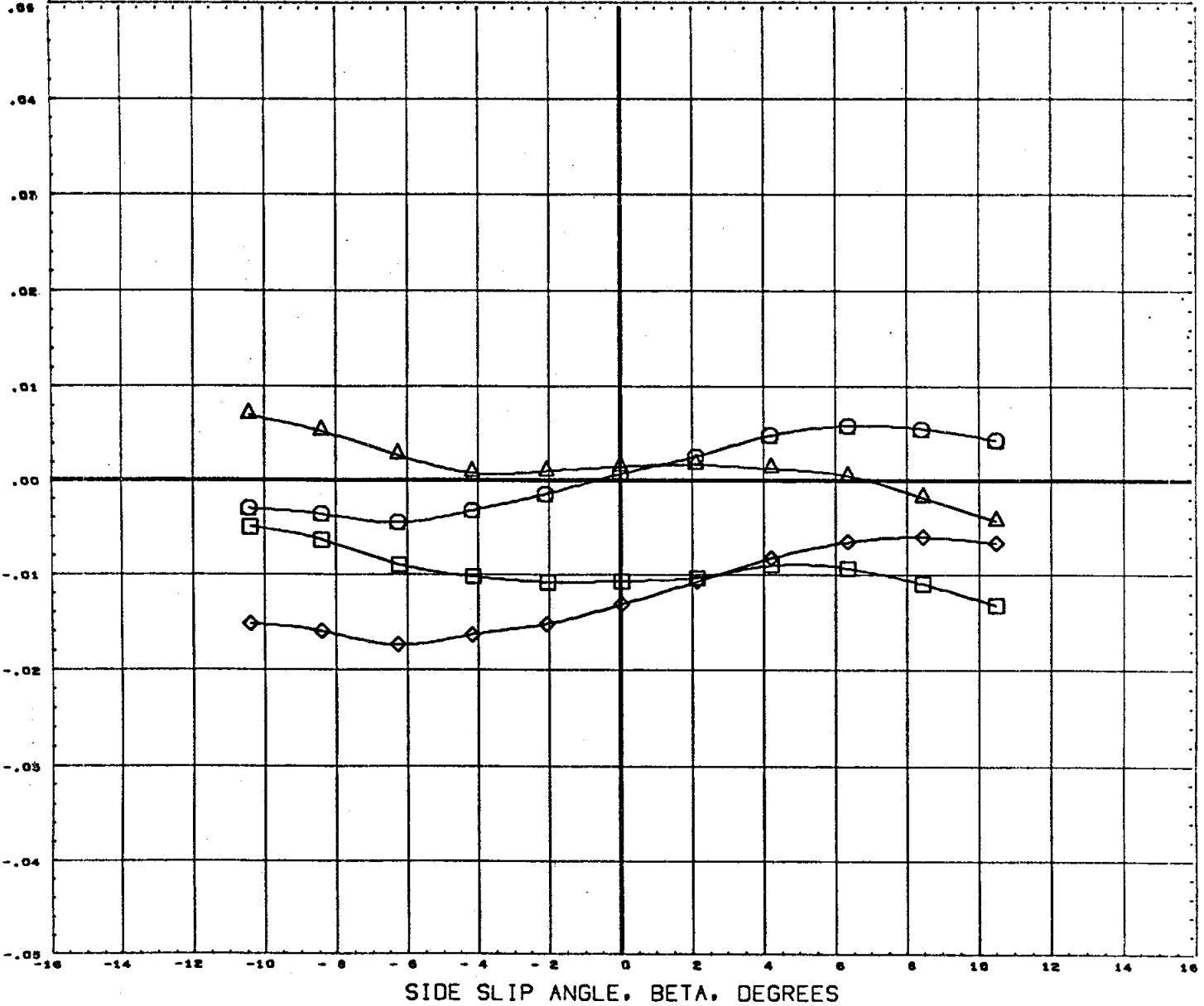


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)



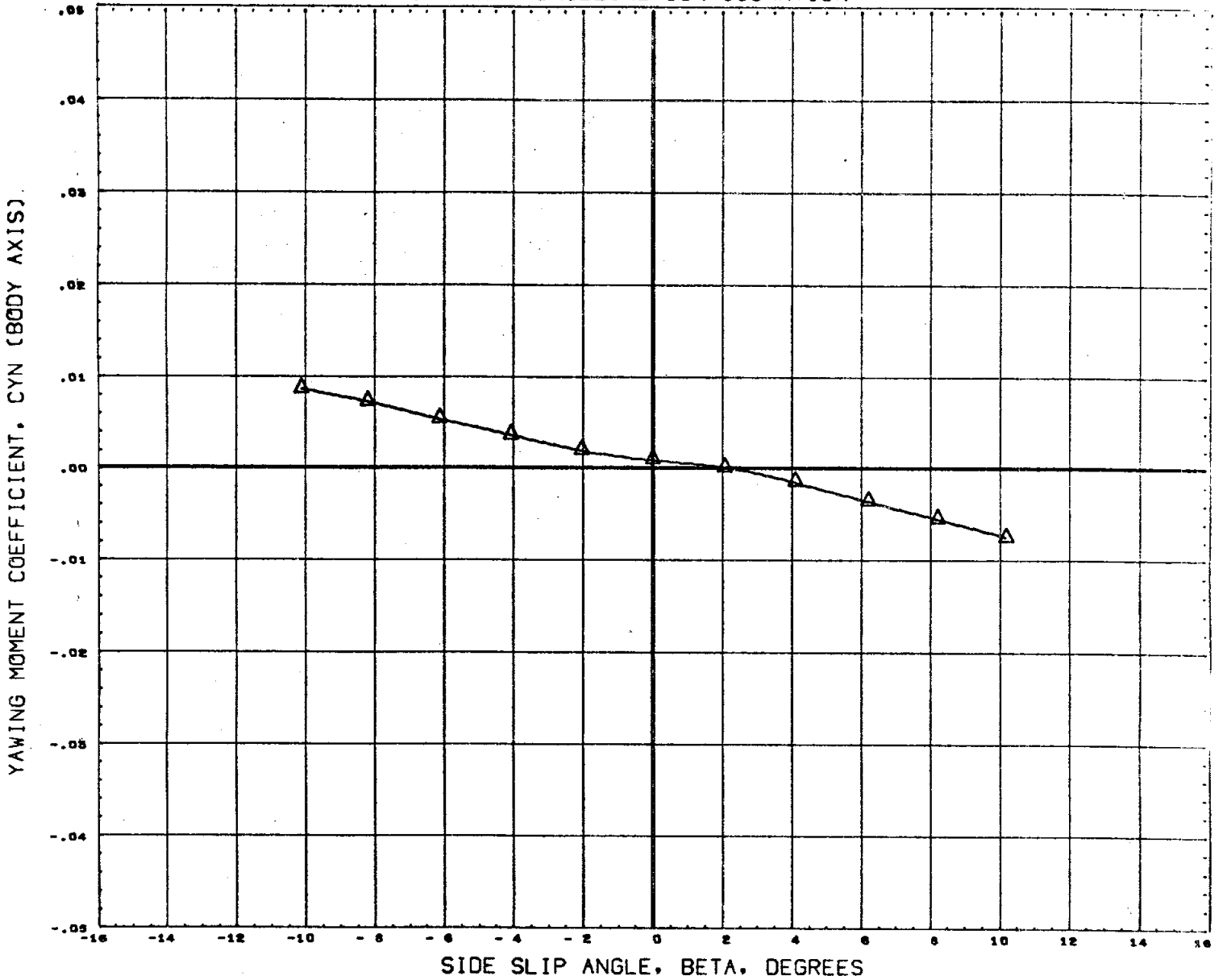
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION	
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF	7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF	2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF	4.0300 IN.
(A76331)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP	3.4530 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

MACH

1.96

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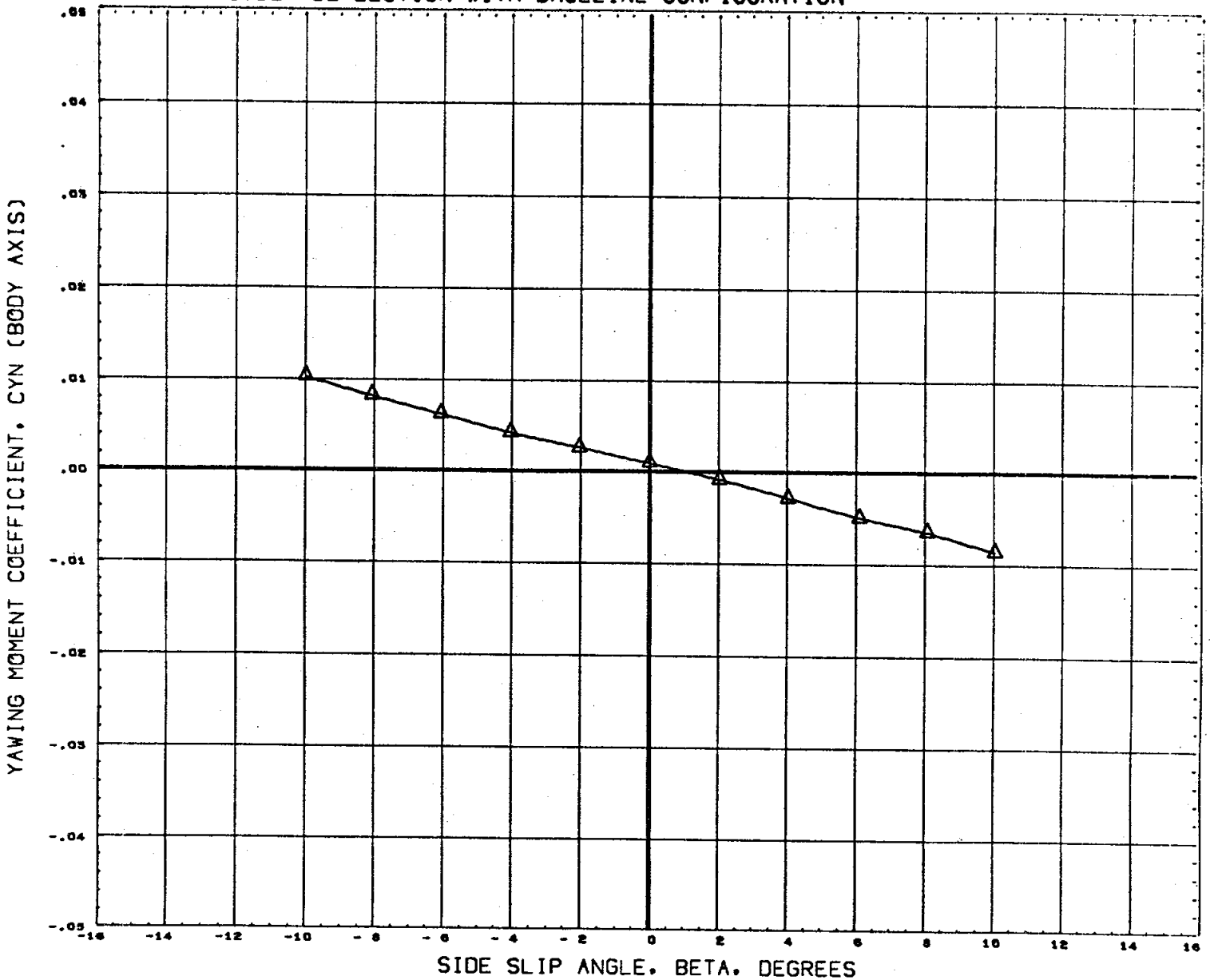
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

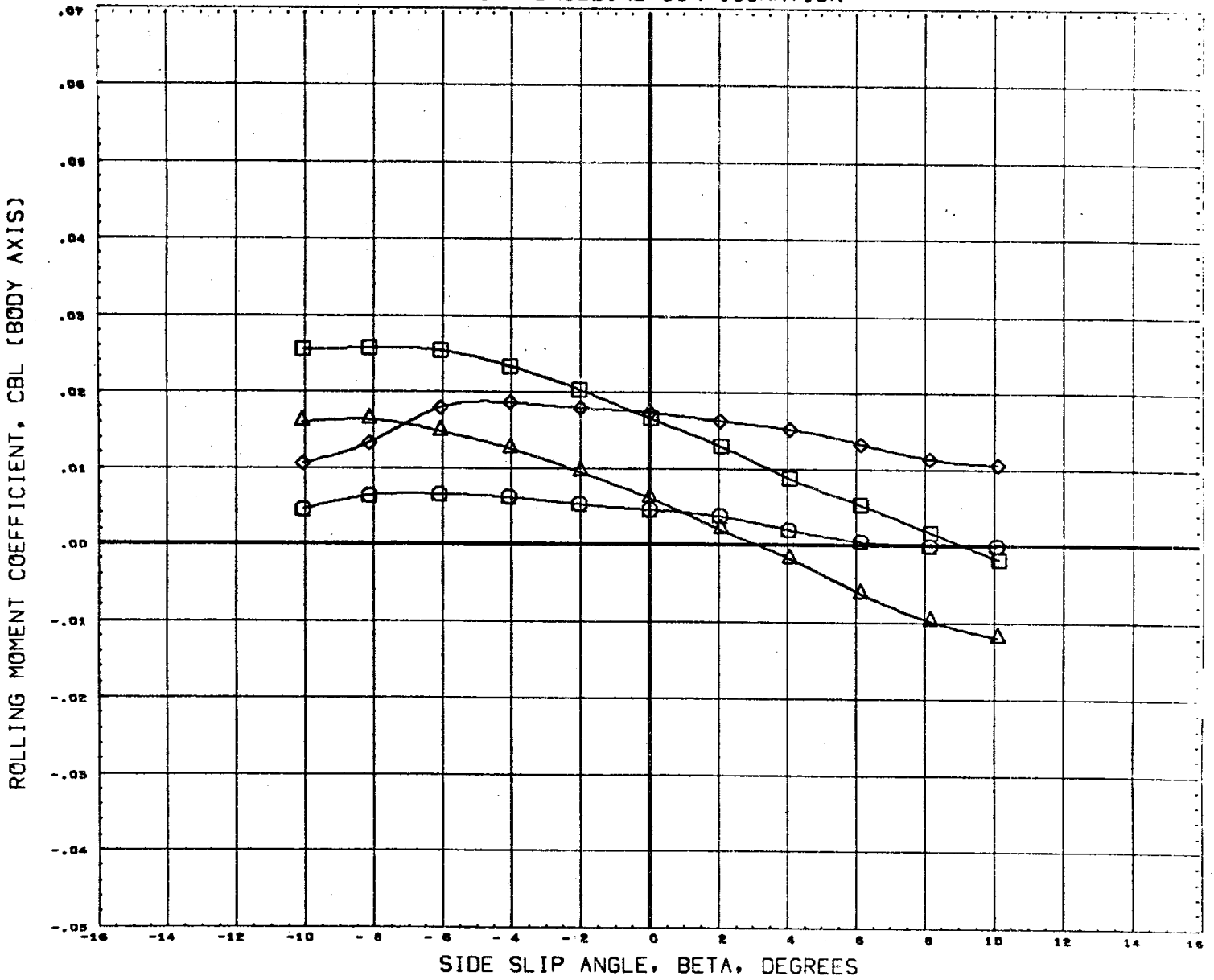
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	10.000	15.000	XMRP 3.4330 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 4.96

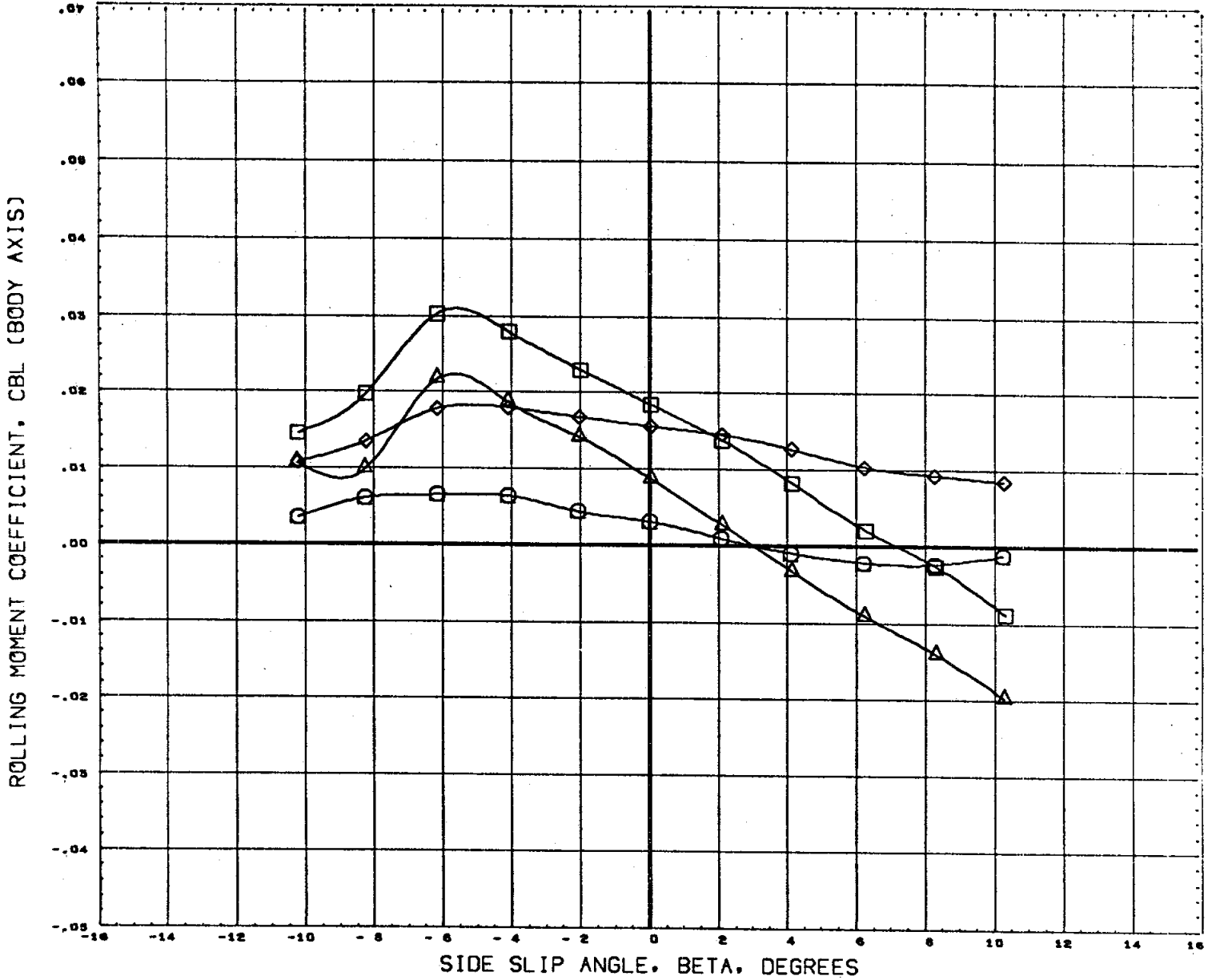
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76351)	H555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .60

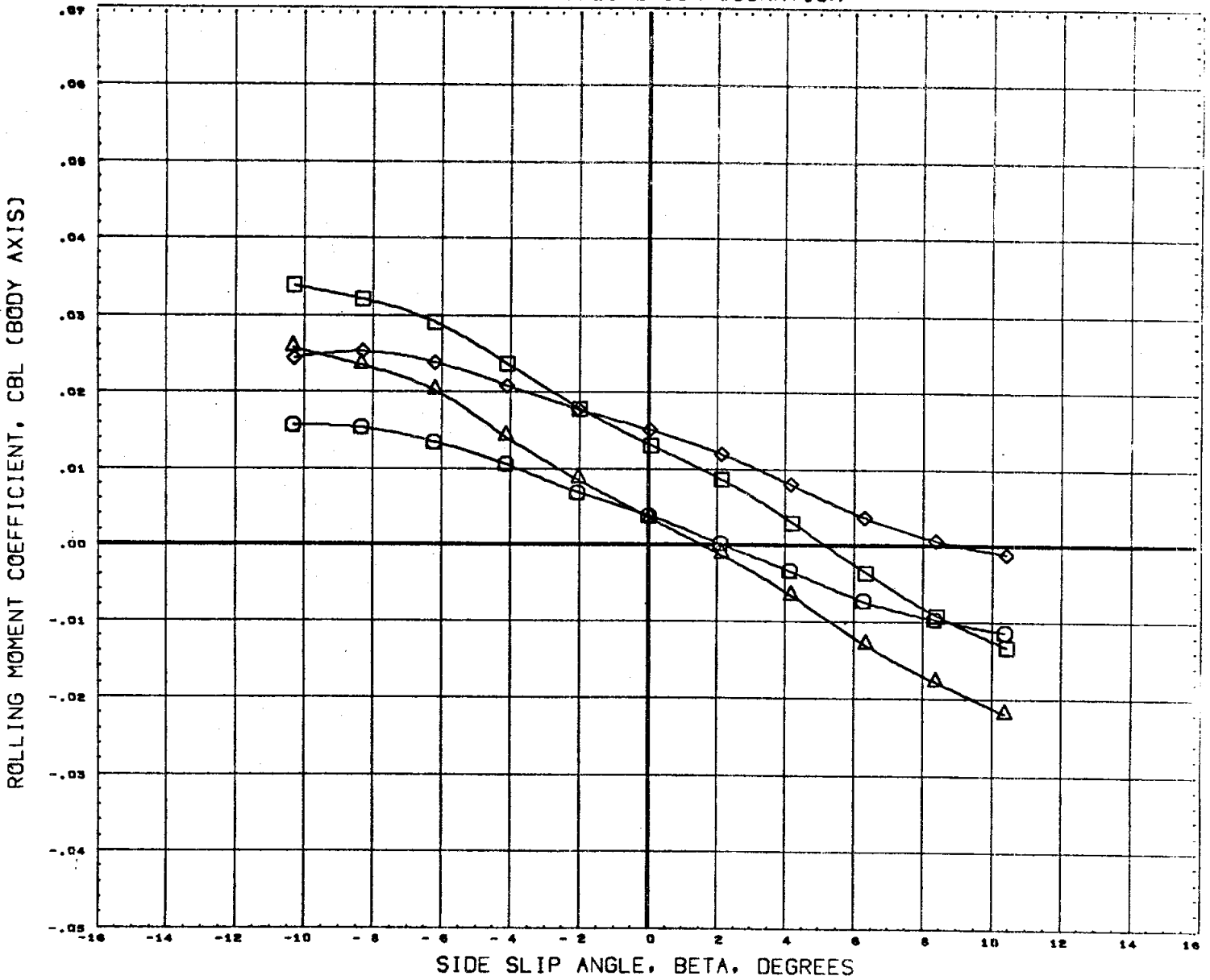
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH .91

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

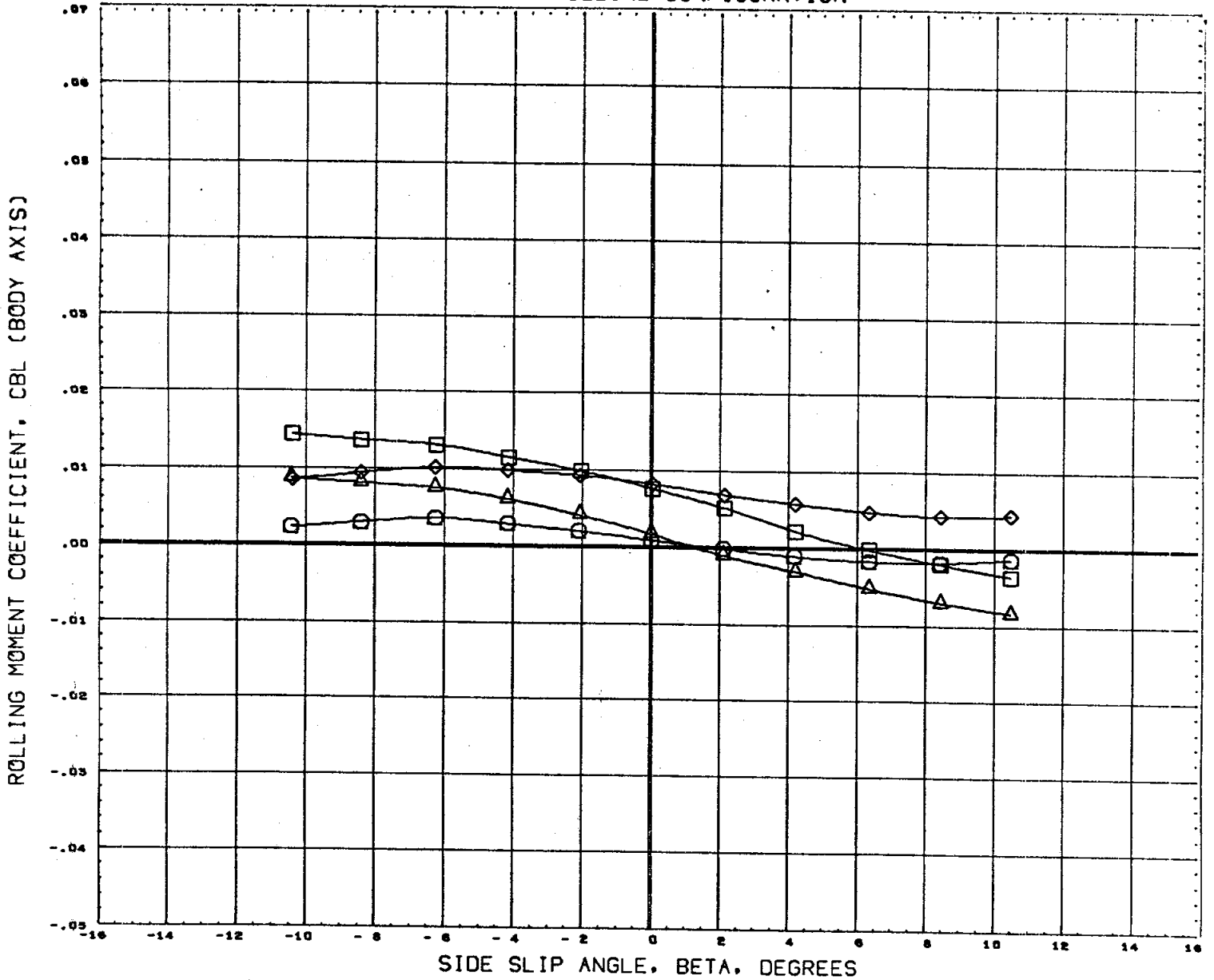


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M?) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M?) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M?) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FA3) NAR ATP ORB (B1C1D1F1M?) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.20



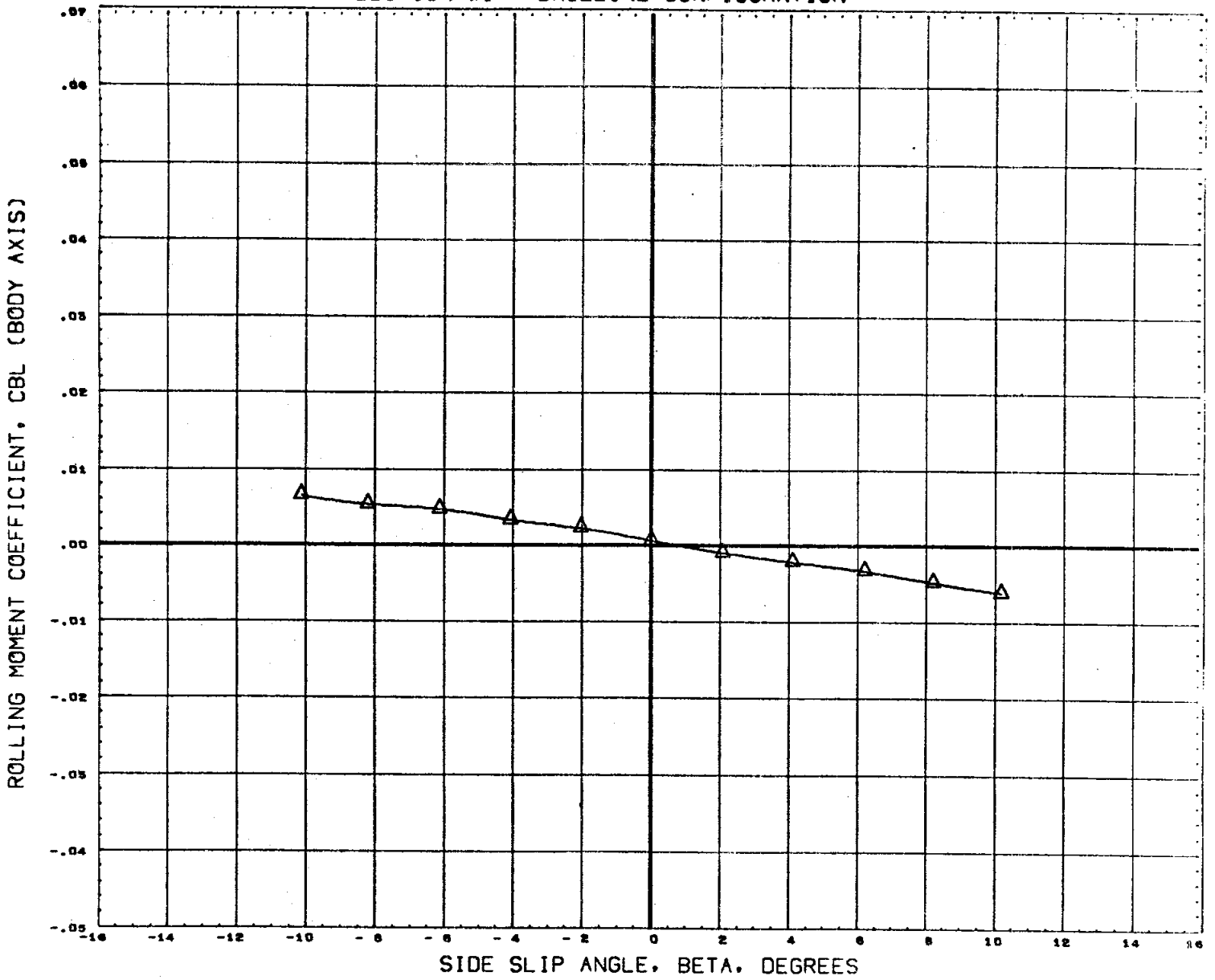
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 1.96

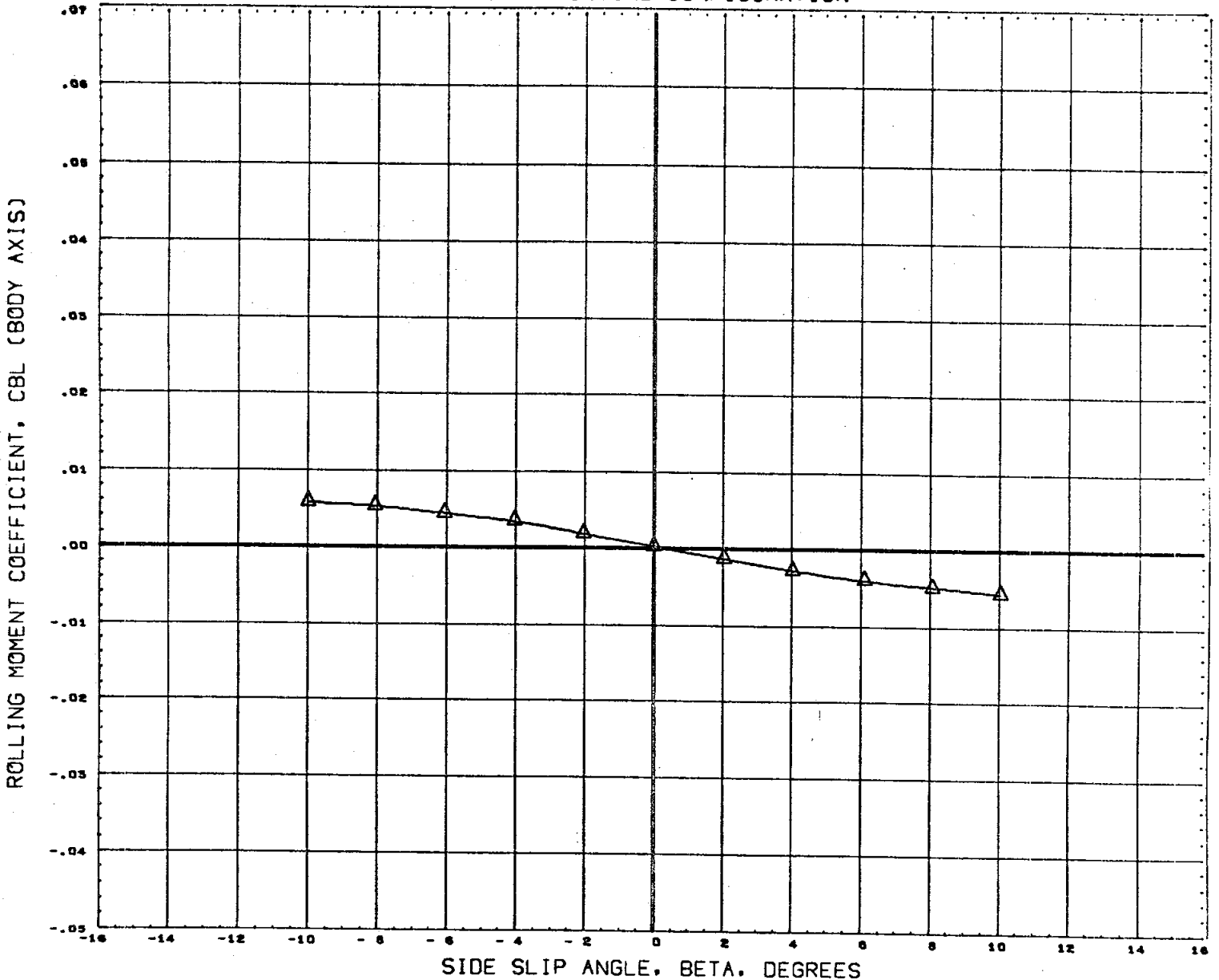
# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	10.000	15.000	XMRP 3.4530 IN. YMRP 0.0000 IN. ZMRP 0.0000 IN. SCALE 0.0040

MACH 2.99

# EFFECT OF RUDDER DEFLECTION WITH BASELINE CONFIGURATION

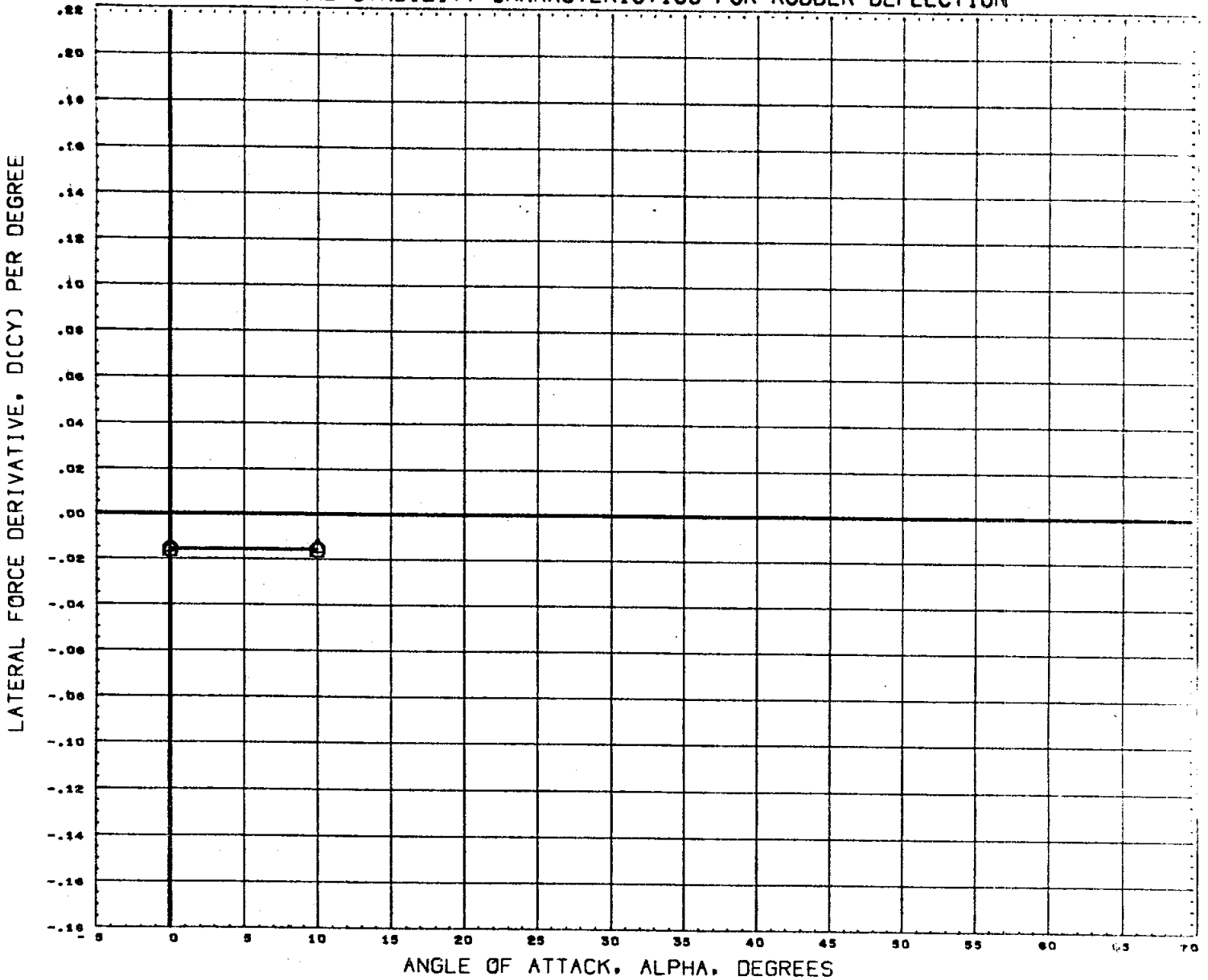


DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	RUDFLR	RUDDER	REFERENCE INFORMATION
(A76304)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	0.000	SREF 7.4190 SQ. IN.
(A76305)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	10.000	0.000	10.000	0.000	LREF 2.1020 IN.
(A76330)	DATA NOT AVAILABLE FOR ALL CONDITIONS	0.000	0.000	10.000	15.000	BREF 4.0300 IN.
(A76331)	DATA NOT AVAILABLE FOR ALL CONDITIONS	10.000	0.000	10.000	15.000	XMRP 3.4530 IN.
						YMRP 0.0000 IN.
						ZMRP 0.0000 IN.
						SCALE 0.0040

MACH

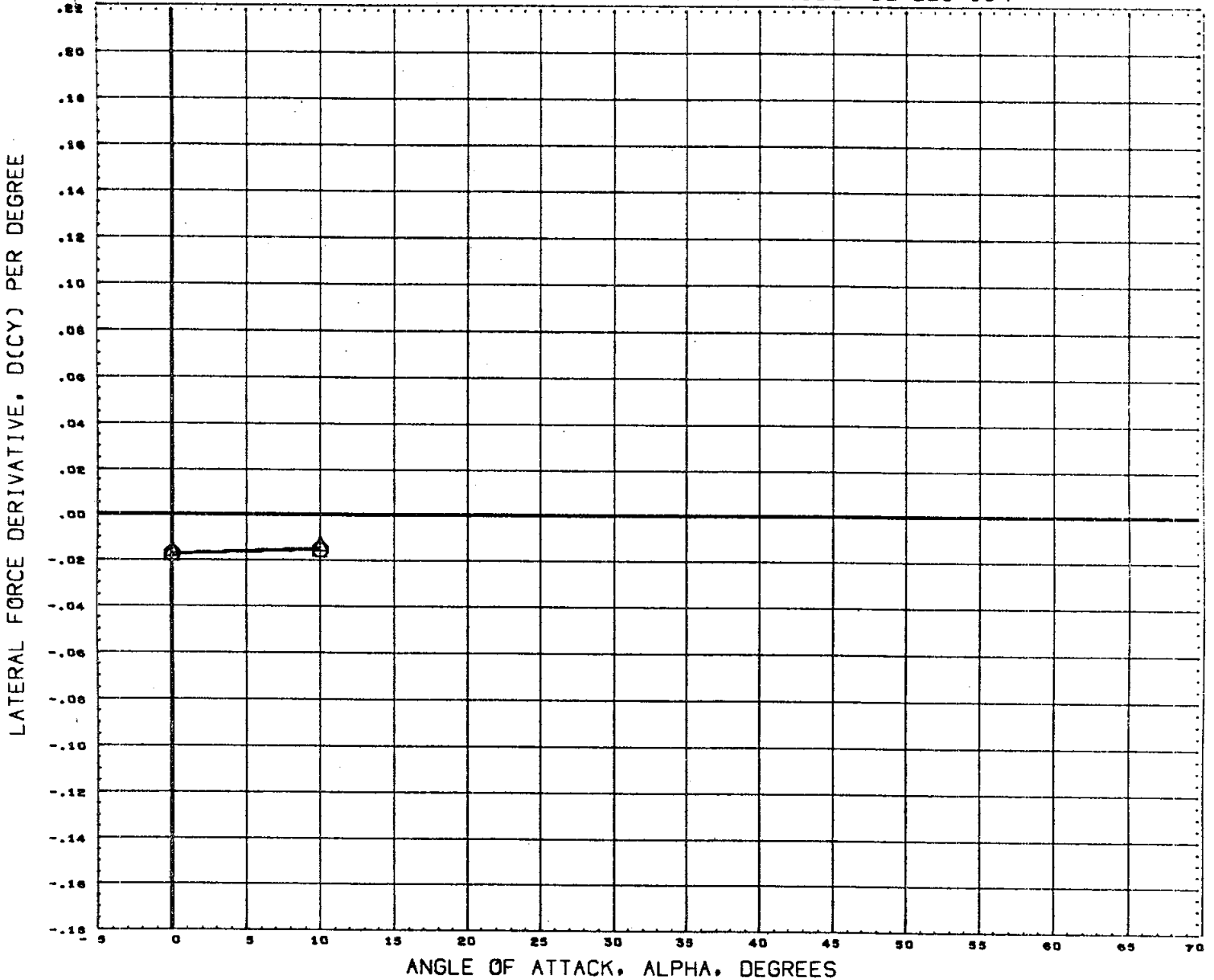
4.96

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



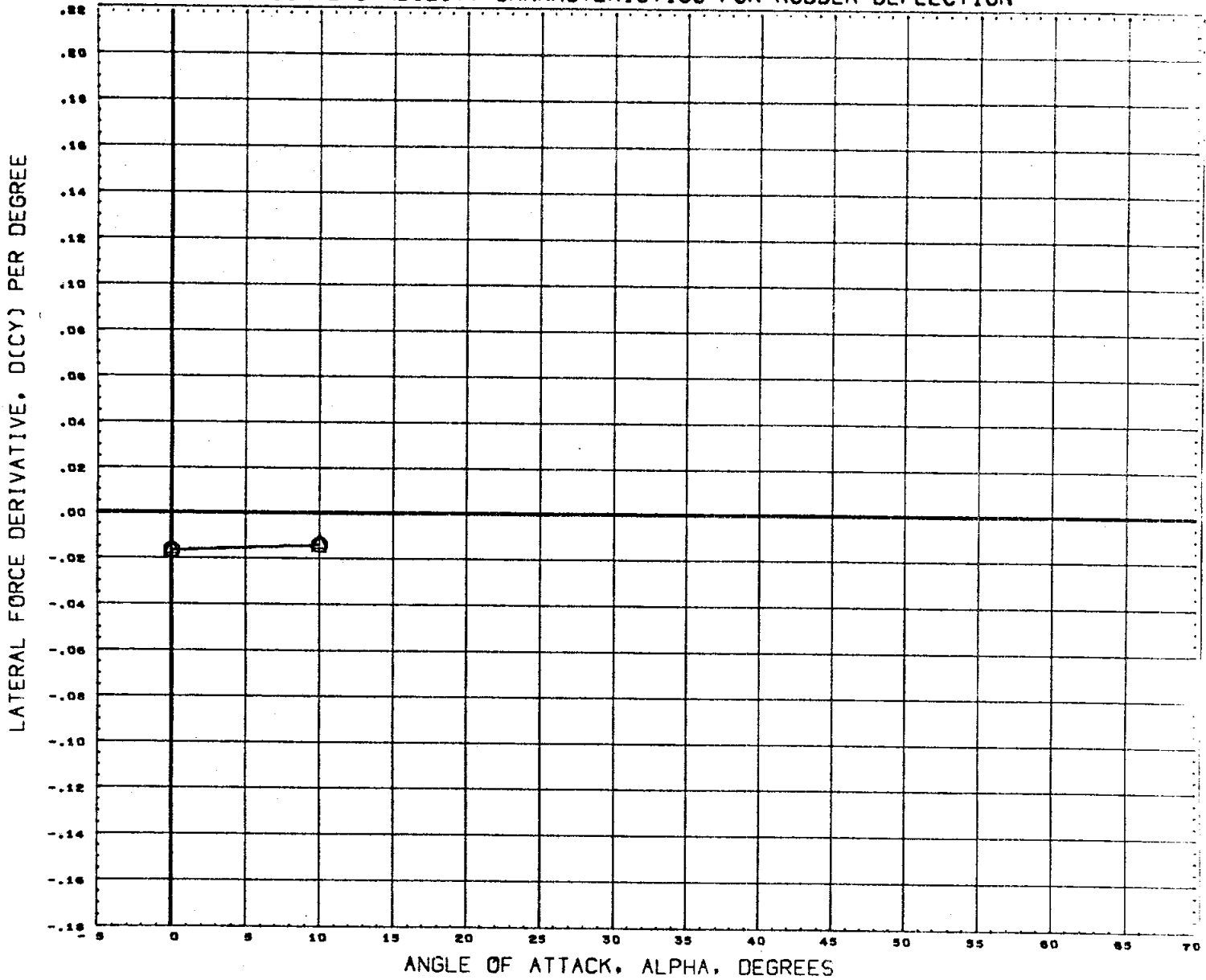
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION	
○	0.000	MACH	0.000	CONFIG	3.000	SREF	7.4190 SQ. IN.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020 IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300 IN.
		AILRON	0.000	OBDAIL	0.000	XHRP	3.4930 IN.
		IBDAIL	0.000			YHRP	0.0000 IN.
		DATA HIST. CODE	IM			ZHRP	0.0000 IN.
						SCALE	0.0040

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



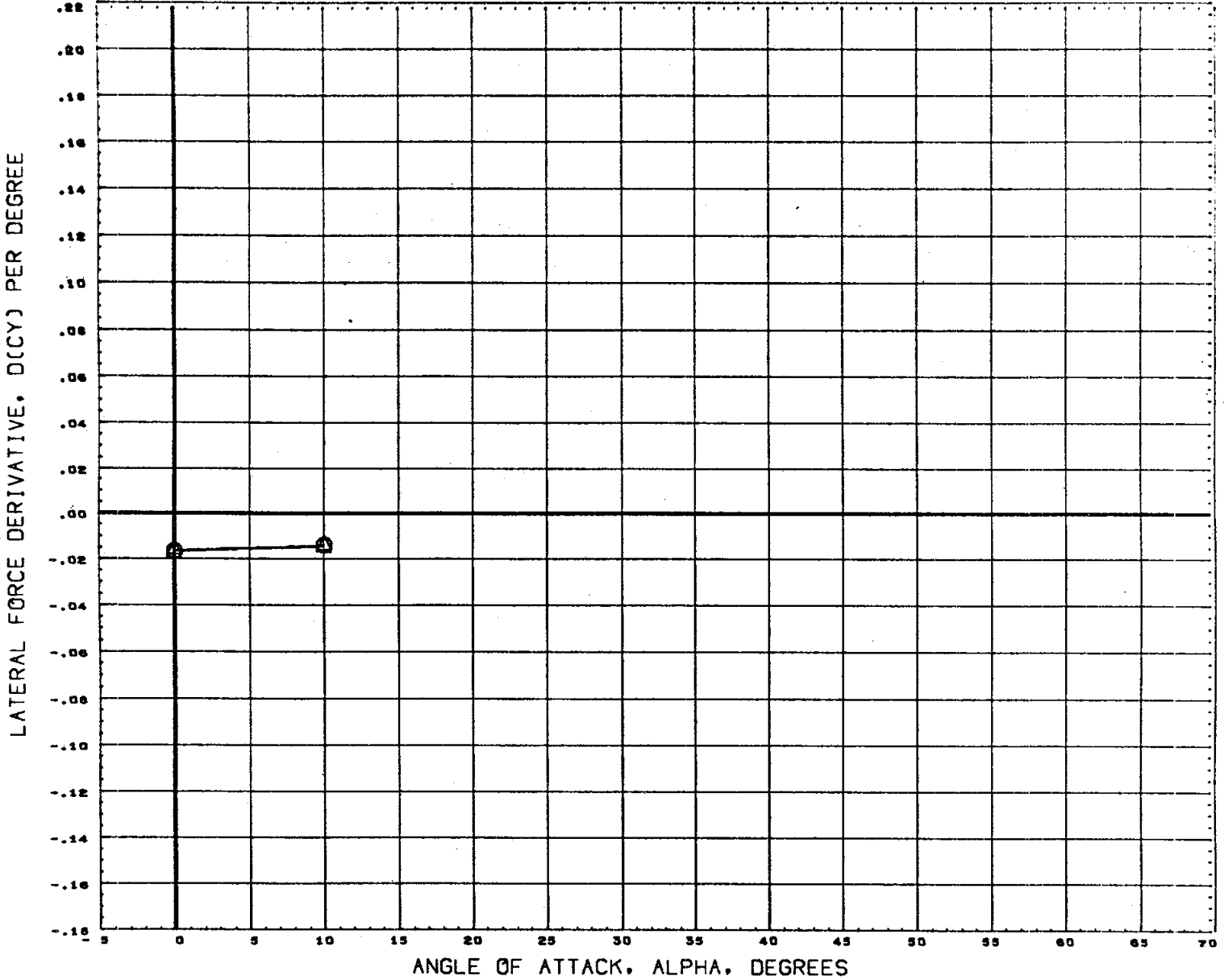
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
△	0.000	MACH	0.900	CONFIG	3.000	SREF	7.4190	SQ. FT.
	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0500	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	IM			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



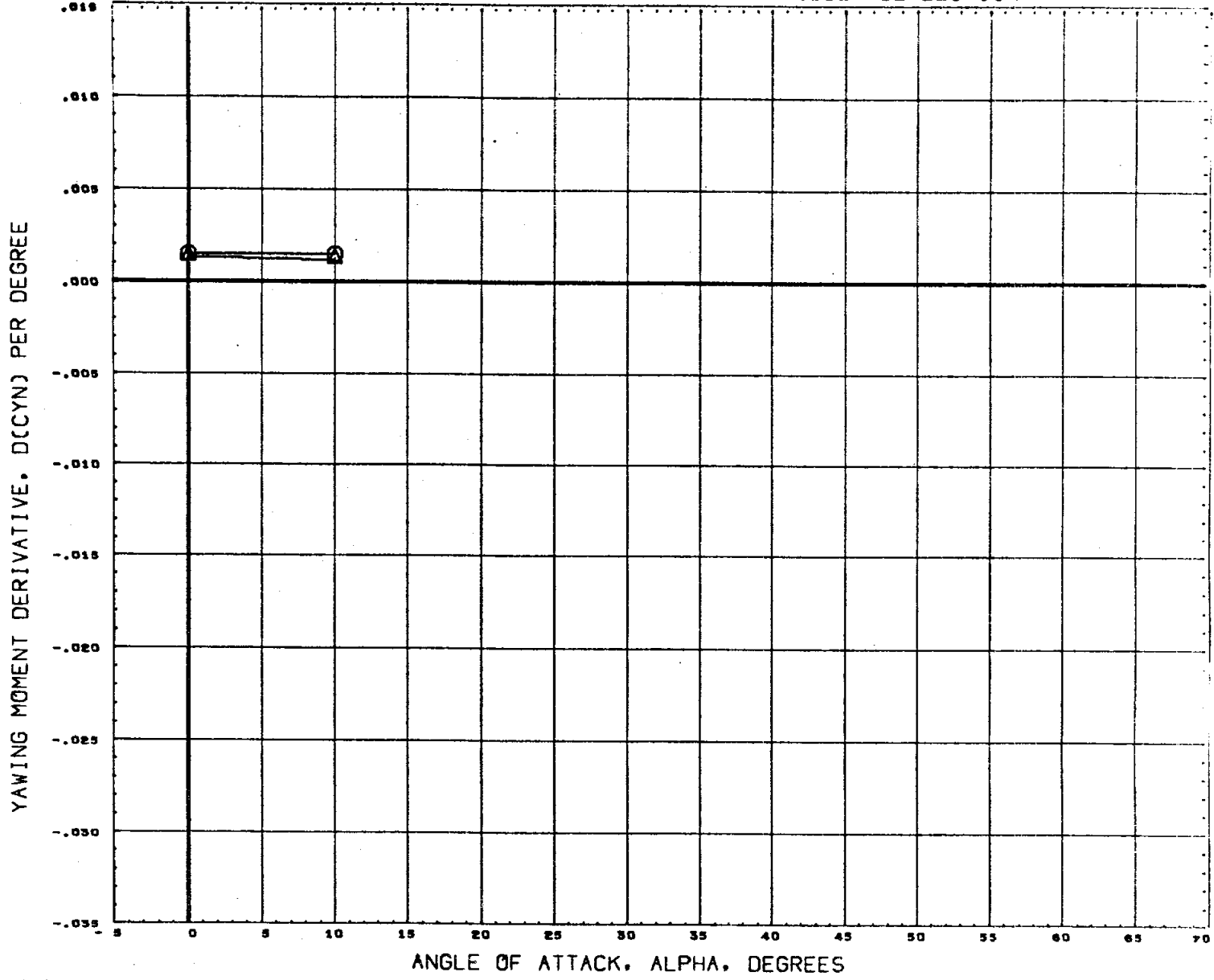
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	1.200	CONFIG	3.000	SREF	7.4190	90 IN.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AIRLON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	IM			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



SYMBOL	RUDDER		PARAMETRIC VALUES				REFERENCE INFORMATION		
	○	0.000	MACH	1.960	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.	
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.	
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.	
		IBDAIL	0.000			YMRP	0.0000	IN.	
		DATA HIST. CODE	IM			ZMRP	0.0000	IN.	
						SCALE	0.0040		

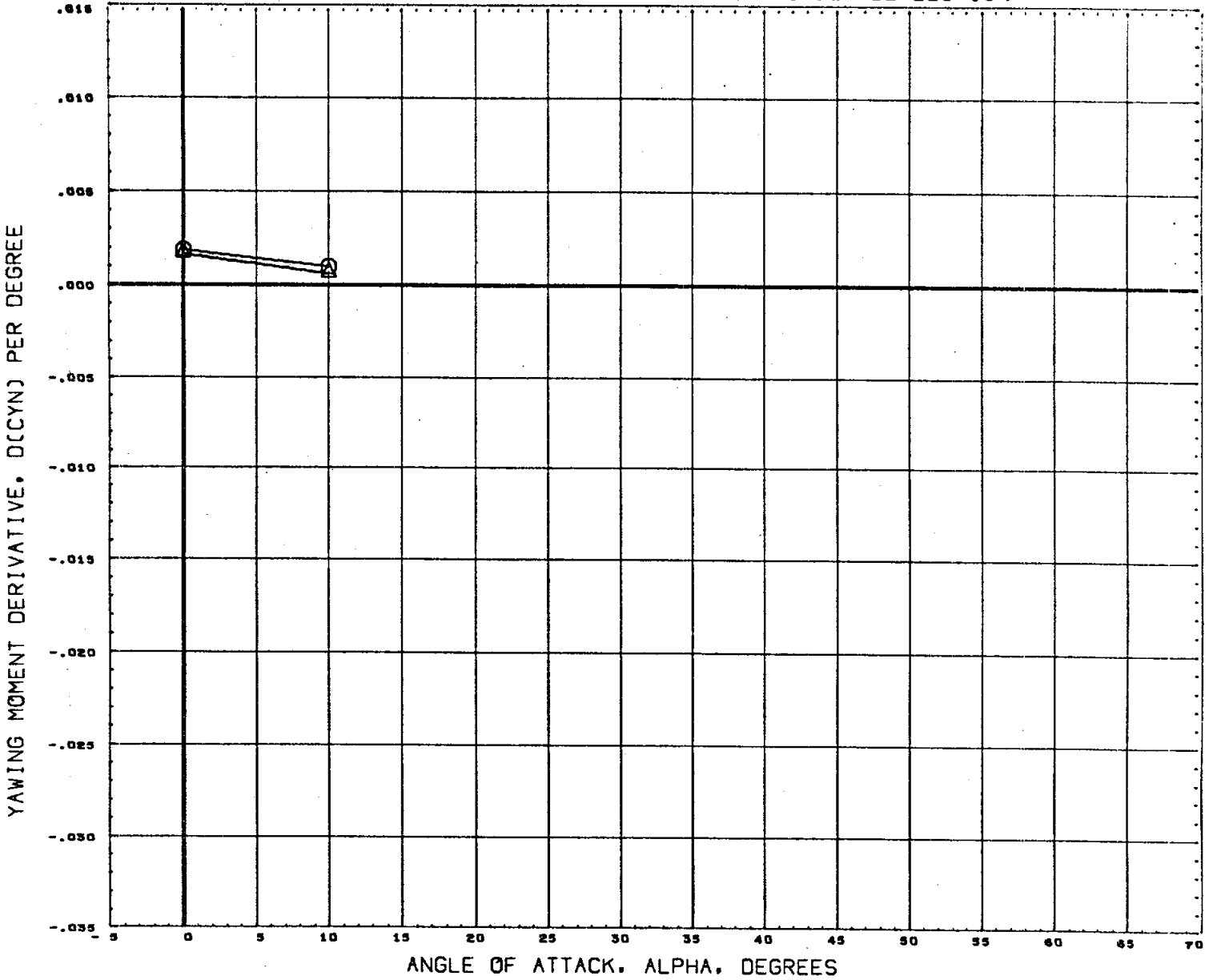
# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	0.600	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AIRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	IM			ZMRP	0.0000	IN.
						SCALE	0.0040	

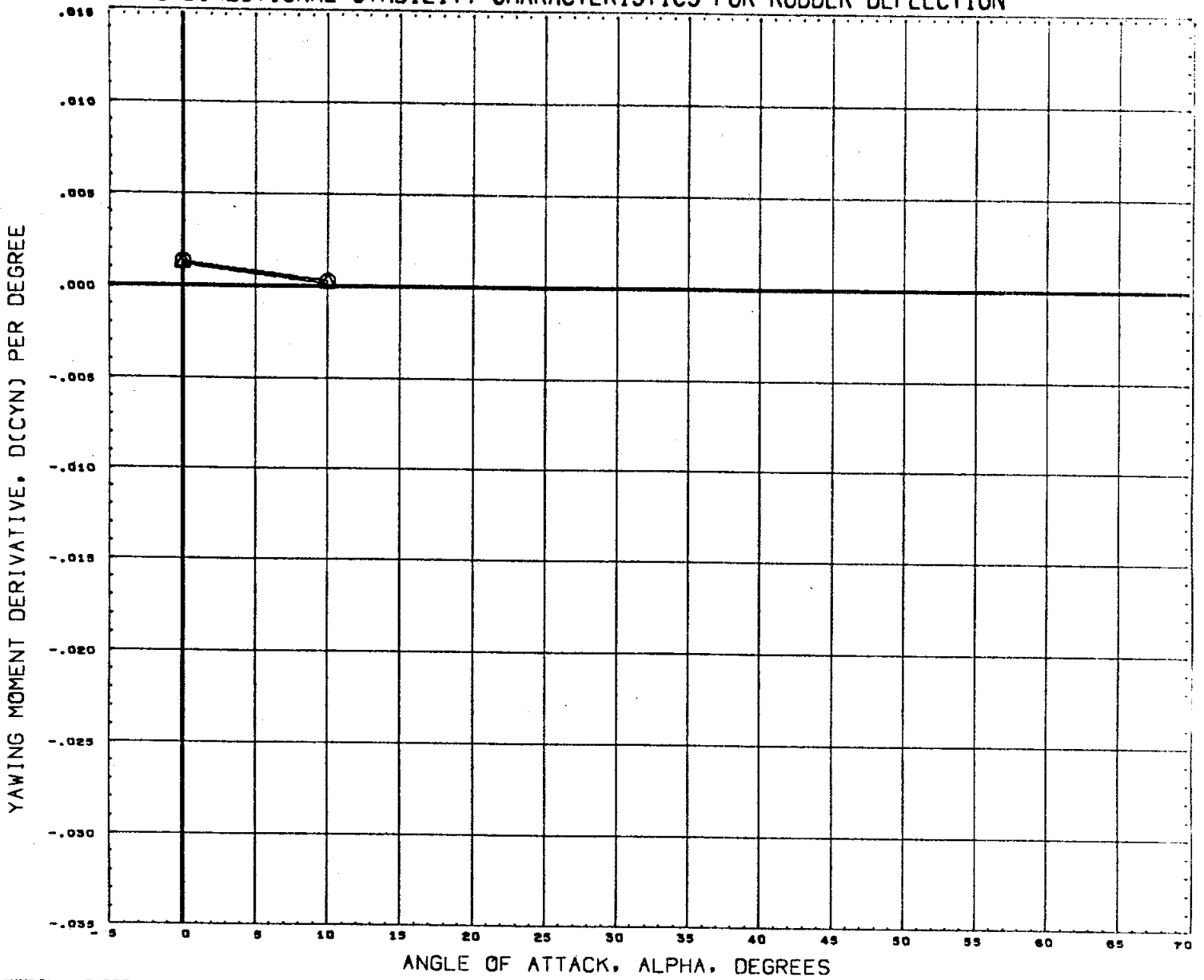


# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



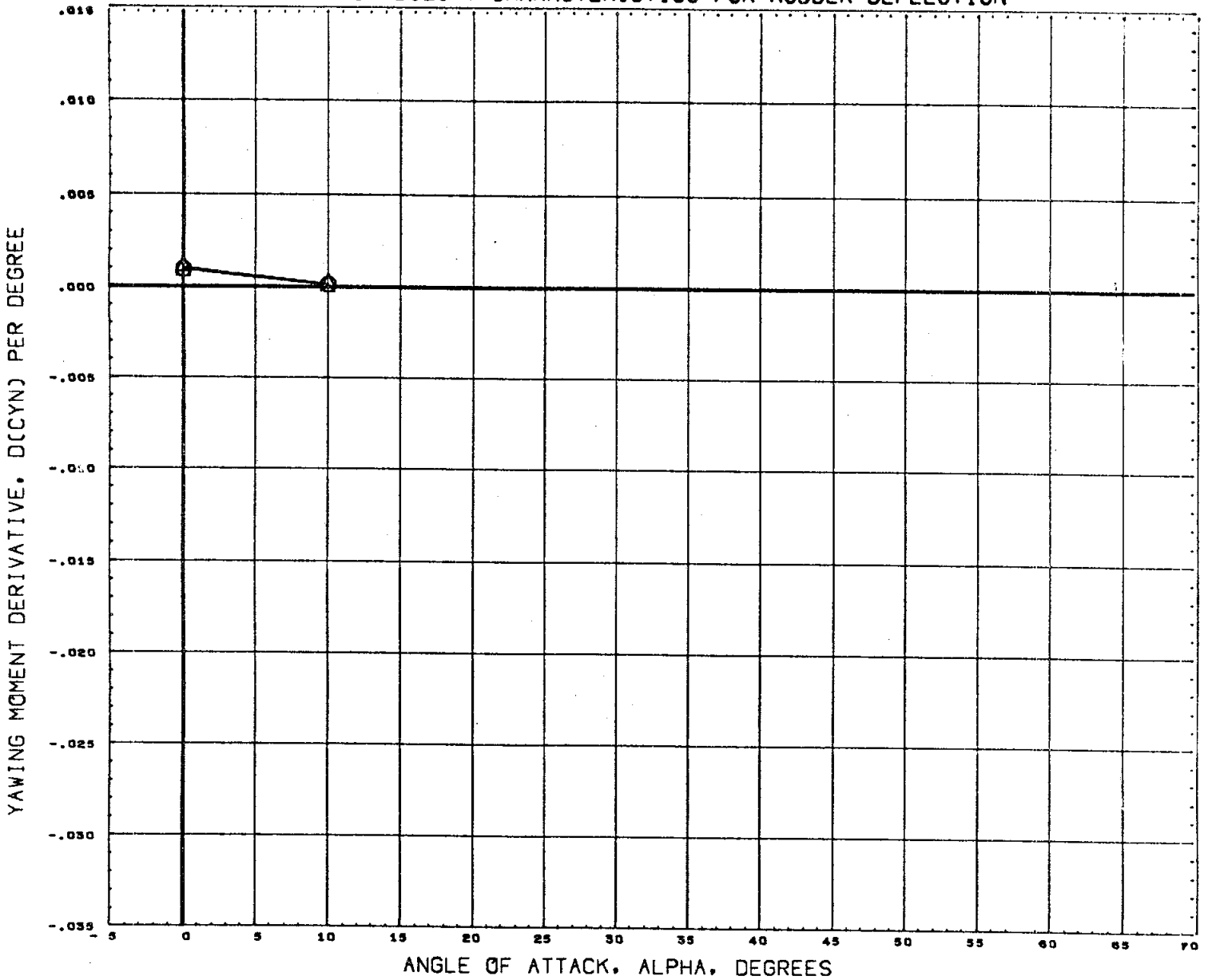
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	0.900	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XMRP	3.4530	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	IM			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



SYMBOL	RUDDER	PARAMETRIC VALUES		REFERENCE INFORMATION	
○	0.000	MACH	1.200	CONFIG	3.000
△	15.000	RUDFLR	10.000	ELEVTR	0.000
		OBDELV	0.000	IBDELV	0.000
		AILRON	0.000	OBDAIL	0.000
		IBDAIL	0.000		
		DATA MIST. CODE	IM		
				SREF	7.4190 SQ. IN.
				LREF	2.1020 IN.
				BREF	4.0300 IN.
				XMRP	3.4530 IN.
				YMRP	0.0000 IN.
				ZMRP	0.0000 IN.
				SCALE	0.0040

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION

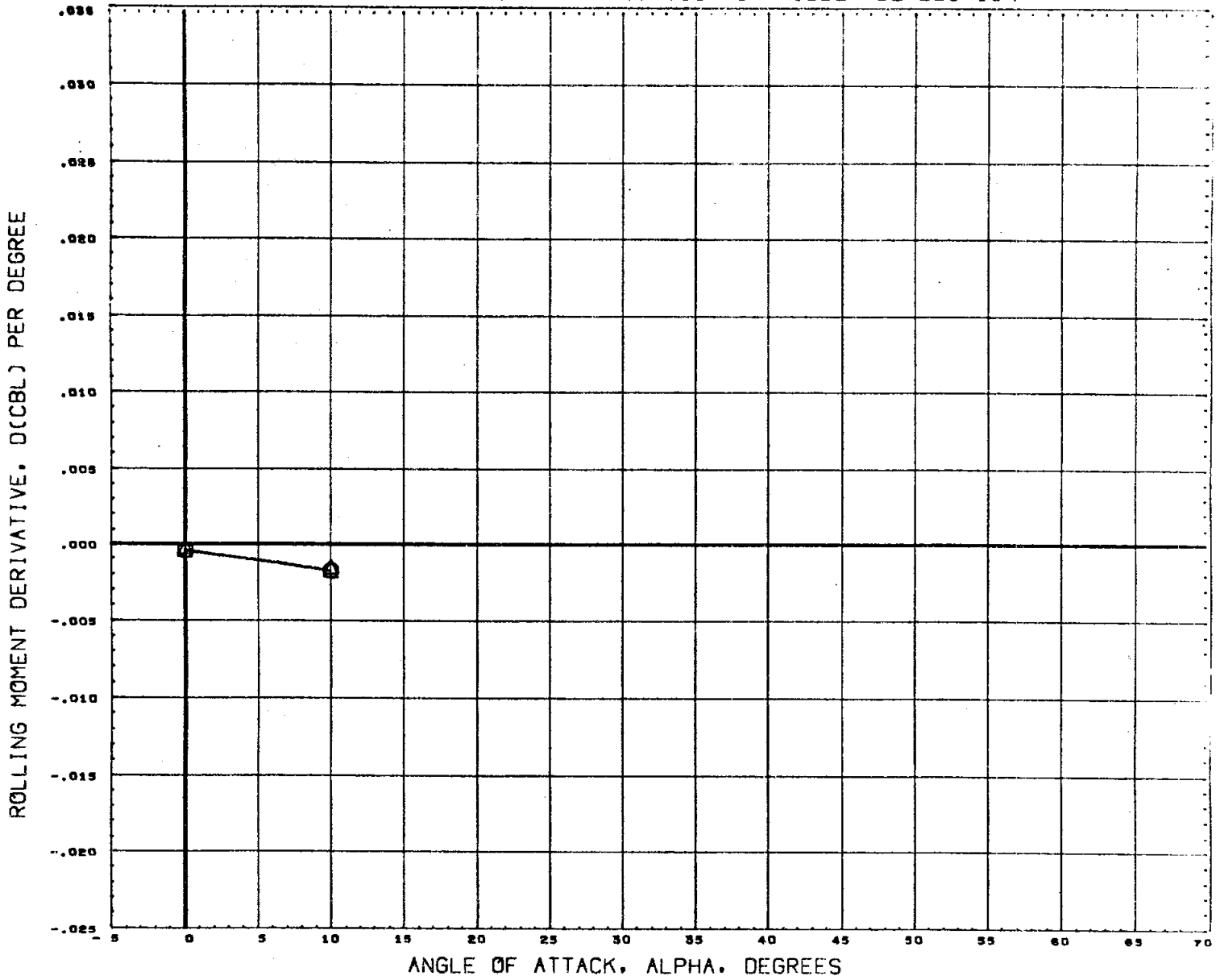


SYMBOL  
 $\infty$   
 $\Delta$

RUDDER	PARAMETRIC VALUES			
0.000	MACH	1.960	CONFIG	3.000
15.000	RUDFLR	10.000	ELEVTR	0.000
	OBDELV	0.000	IBDELV	0.000
	AILRON	0.000	OBDAIL	0.000
	IBDAIL	0.000		
	DATA HIST. CODE	IM		

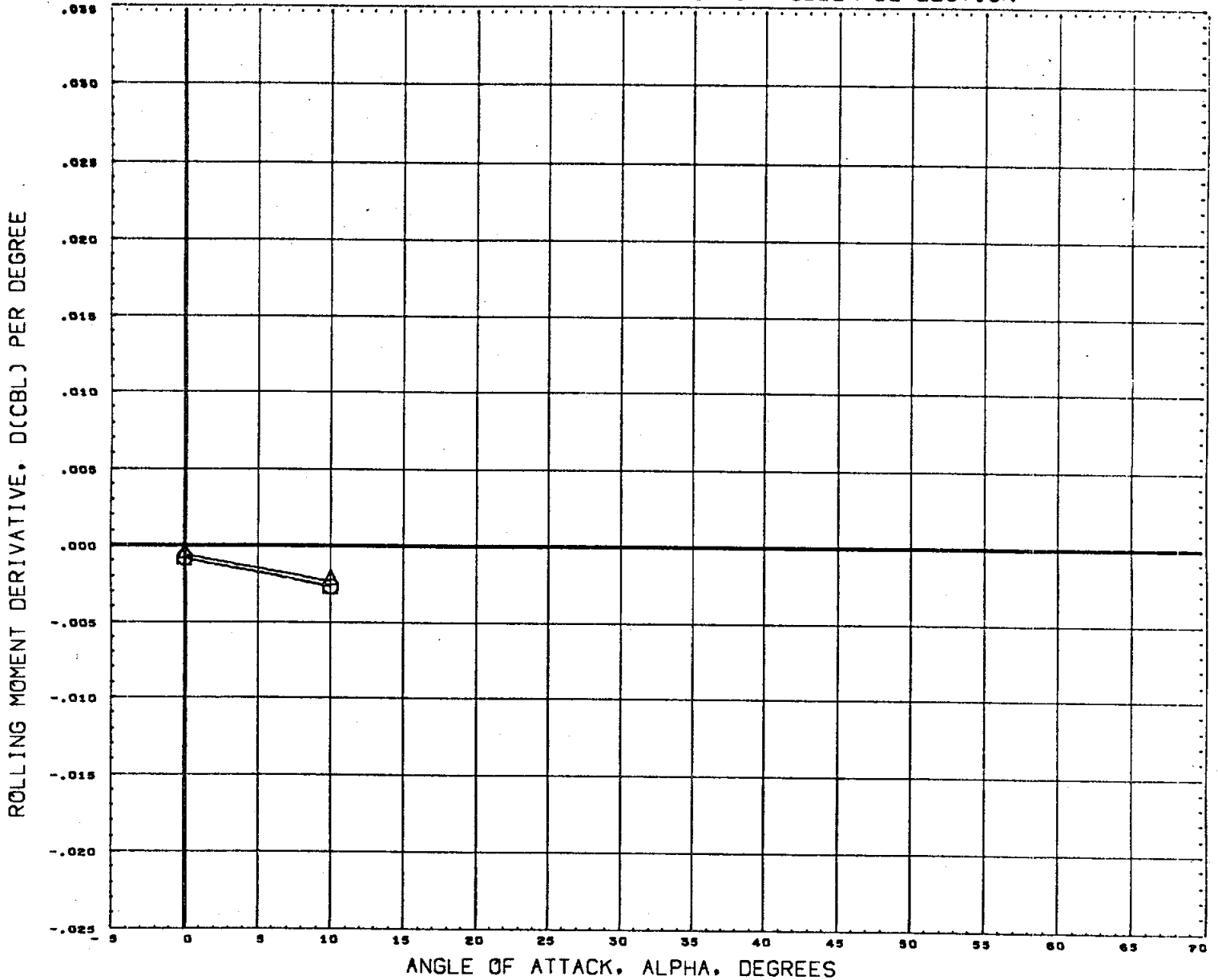
REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



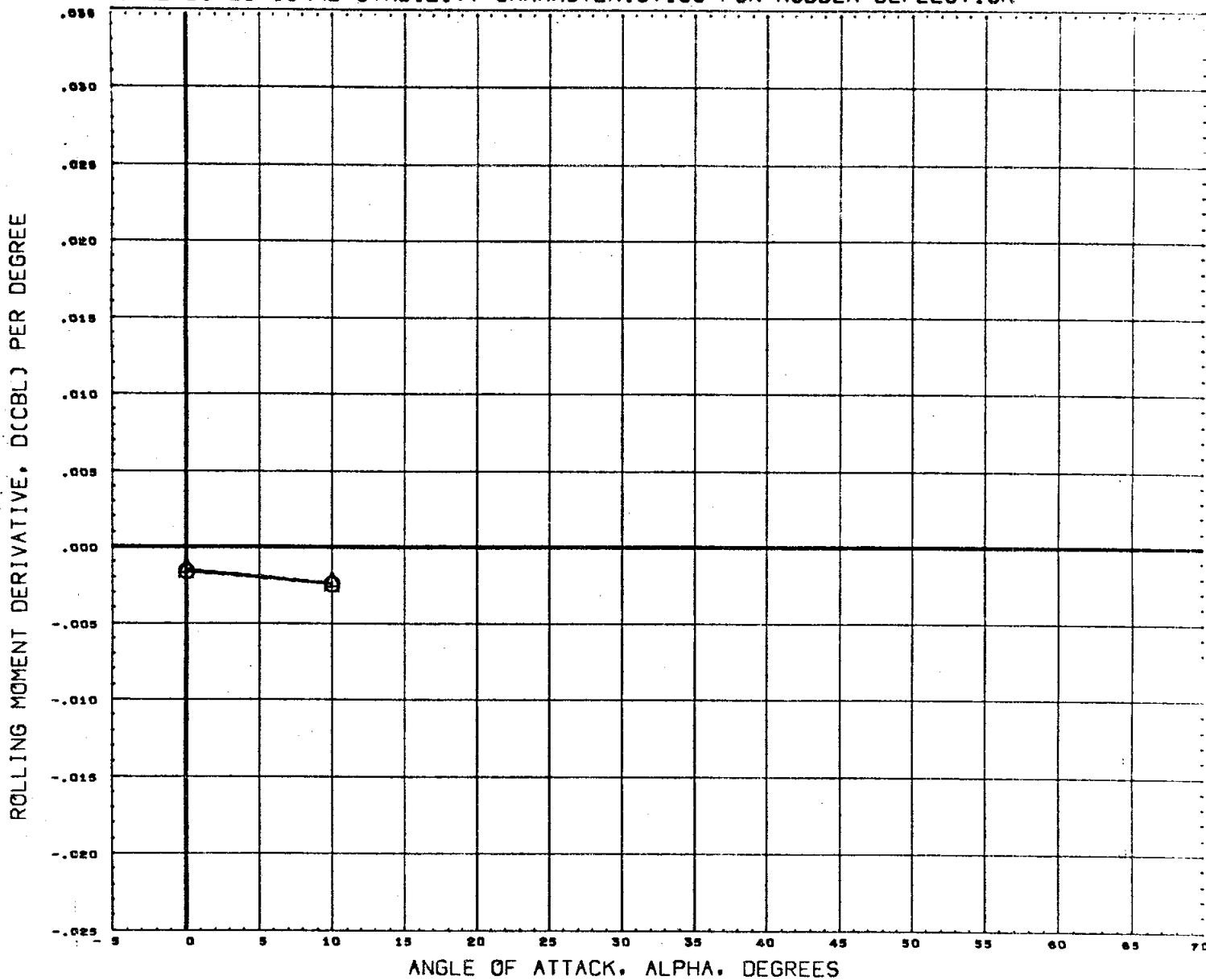
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	0.600	CONFIG	3.000	SREF	7.4190	SQ. IN.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AILRON	0.000	OBDAIL	0.000	XHRP	3.4530	IN.
		IBDAIL	0.000			YHRP	0.0000	IN.
		DATA HIST. CODE	IM			ZHRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



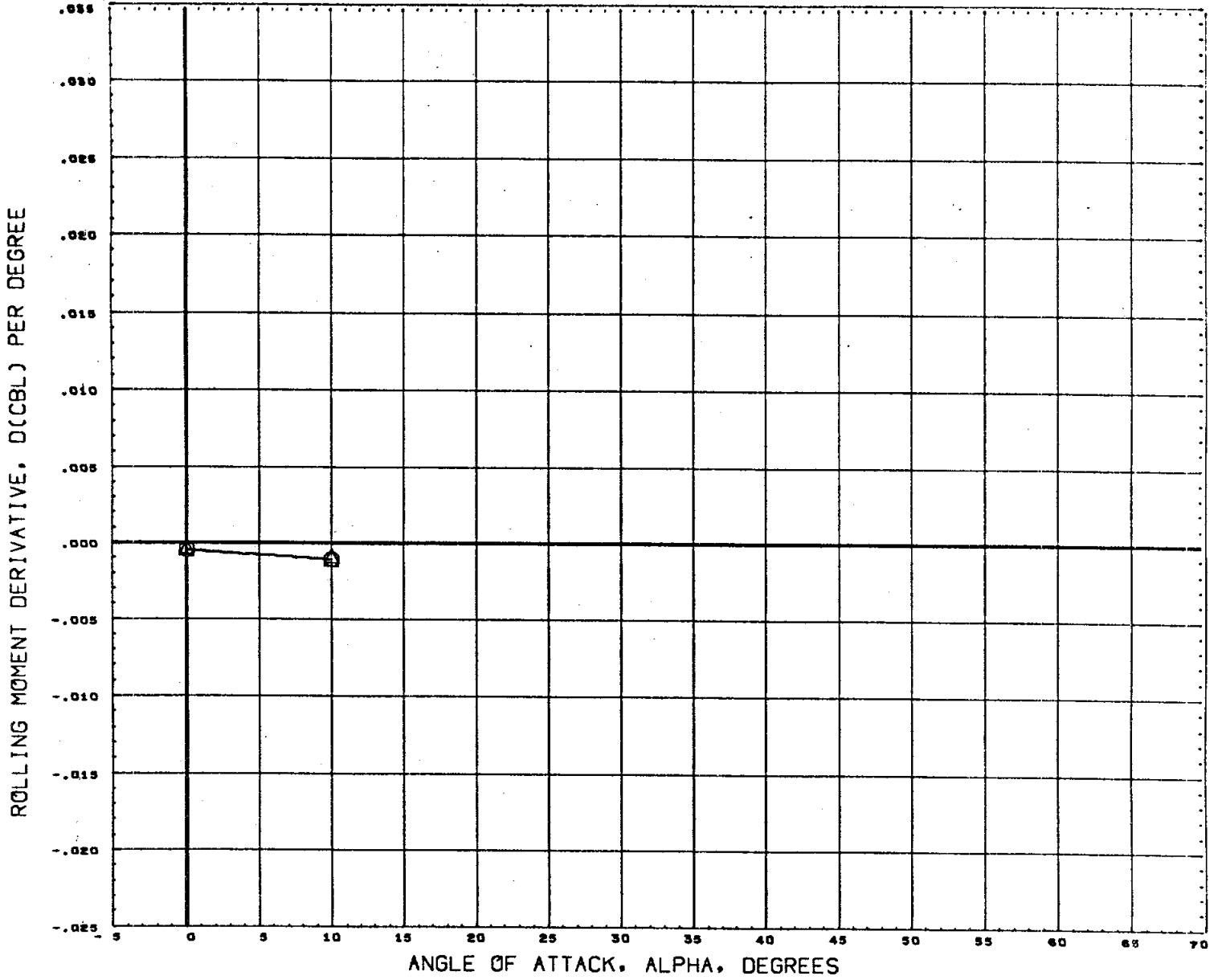
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	0.900	CONFIG	3.000	SREF	7.4190	50.1N.
△	15.000	RUDFLR	10.000	ELEVTR	0.000	LREF	2.1020	IN.
		OBDELV	0.000	IBDELV	0.000	BREF	4.0300	IN.
		AIRON	0.000	OBDAIL	0.000	XMRP	3.4550	IN.
		IBDAIL	0.000			YMRP	0.0000	IN.
		DATA HIST. CODE	IM			ZMRP	0.0000	IN.
						SCALE	0.0040	

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



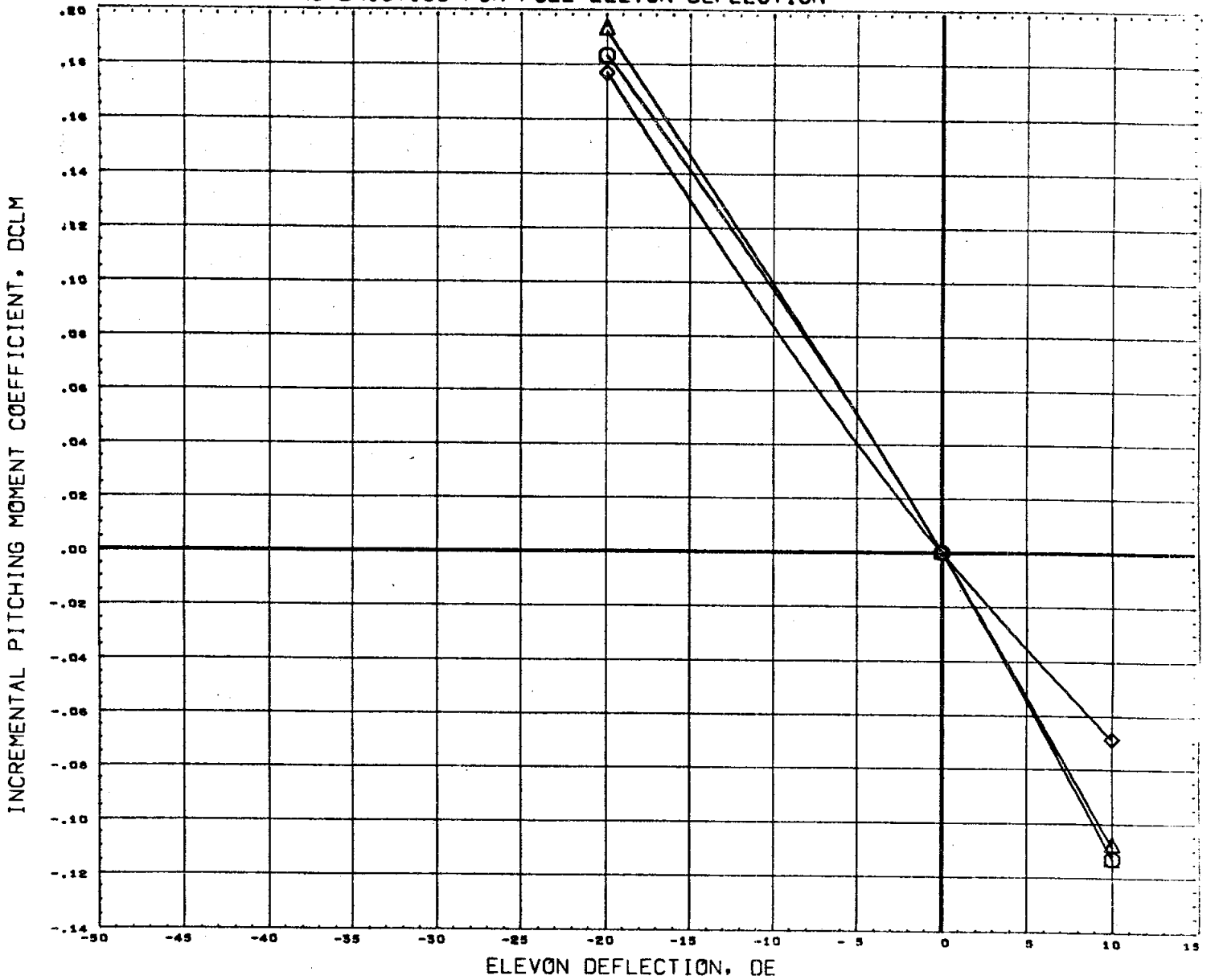
SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION	
	○	0.000	MACH 1.200	CONFIG 3.000	SREF 7.4190	SQ. IN.	
△	15.000	RUDFLR 10.000	ELEVTR 0.000		LREF 2.1020	IN.	
		OBDELV 0.000	IBDELV 0.000		BREF 4.0300	IN.	
		AILRON 0.000	OBDAIL 0.000		XMRP 3.4530	IN.	
		IBDAIL 0.000			YMRP 0.0000	IN.	
		DATA HIST. CODE IM			ZMRP 0.0000	IN.	
					SCALE 0.0040		

# LATERAL-DIRECTIONAL STABILITY CHARACTERISTICS FOR RUDDER DEFLECTION



SYMBOL	RUDDER	PARAMETRIC VALUES				REFERENCE INFORMATION		
		MACH	CONFIG	ELEVTR	IBDELV	SREF	IN.	SQ. IN.
○	0.000	1.960	3.000	0.000	0.000	7.4190		
△	15.000	10.000	0.000	0.000	0.000	2.1020		
		0.000	0.000	0.000	0.000	4.0300		
		0.000	0.000	0.000	0.000	3.4530		
		0.000	0.000	0.000	0.000	0.0000		
		0.000	0.000	0.000	0.000	0.0000		
		DATA HIST. CODE	IM			SCALE		0.0040

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



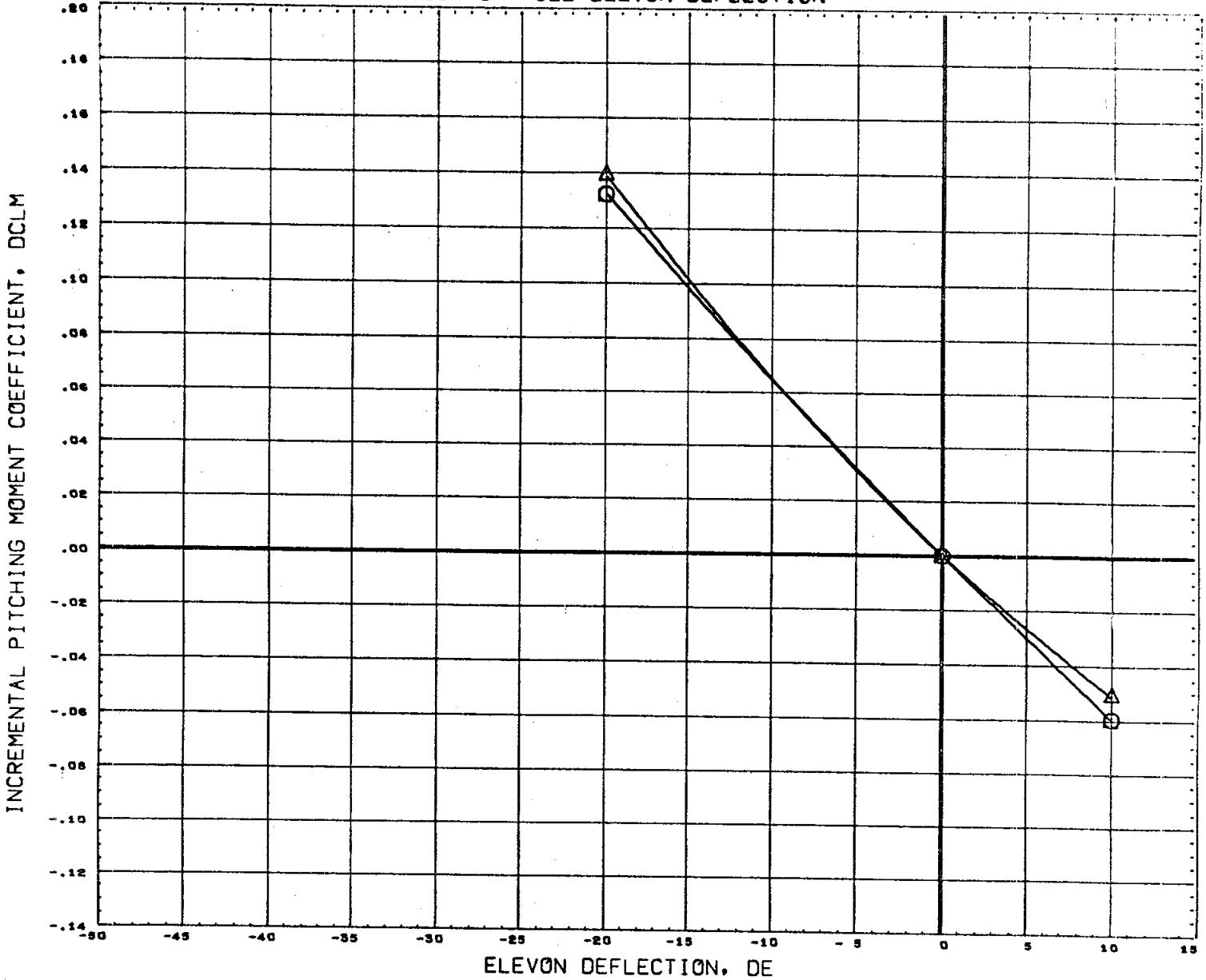
ELEVON DEFLECTION, DE

SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
△	0.000	MACH	0.600	BETA	0.000	SREF	7.4190	SQ. IN.
○	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
◇	20.000	RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OBDAIL	0.000	IBDAIL	0.000	XNRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

DATA HIST. CODE I\*C\*GI

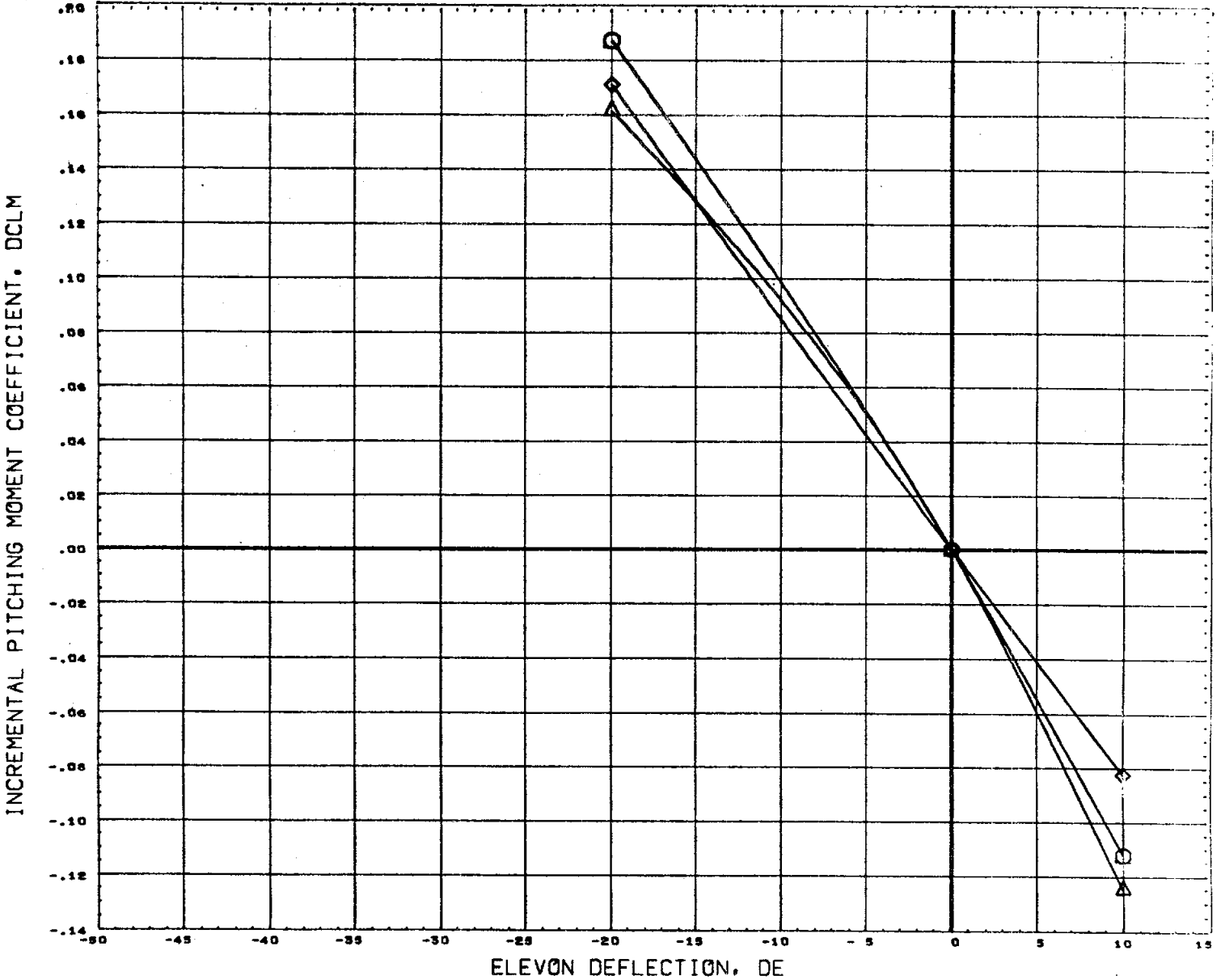


# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	30.000	MACH	0.600	BETA	0.000	SREF	7.4190	sq. IN.
△	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OBDAIL	0.000	IBDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	
		DATA HIST. CODE	I*C*GI					

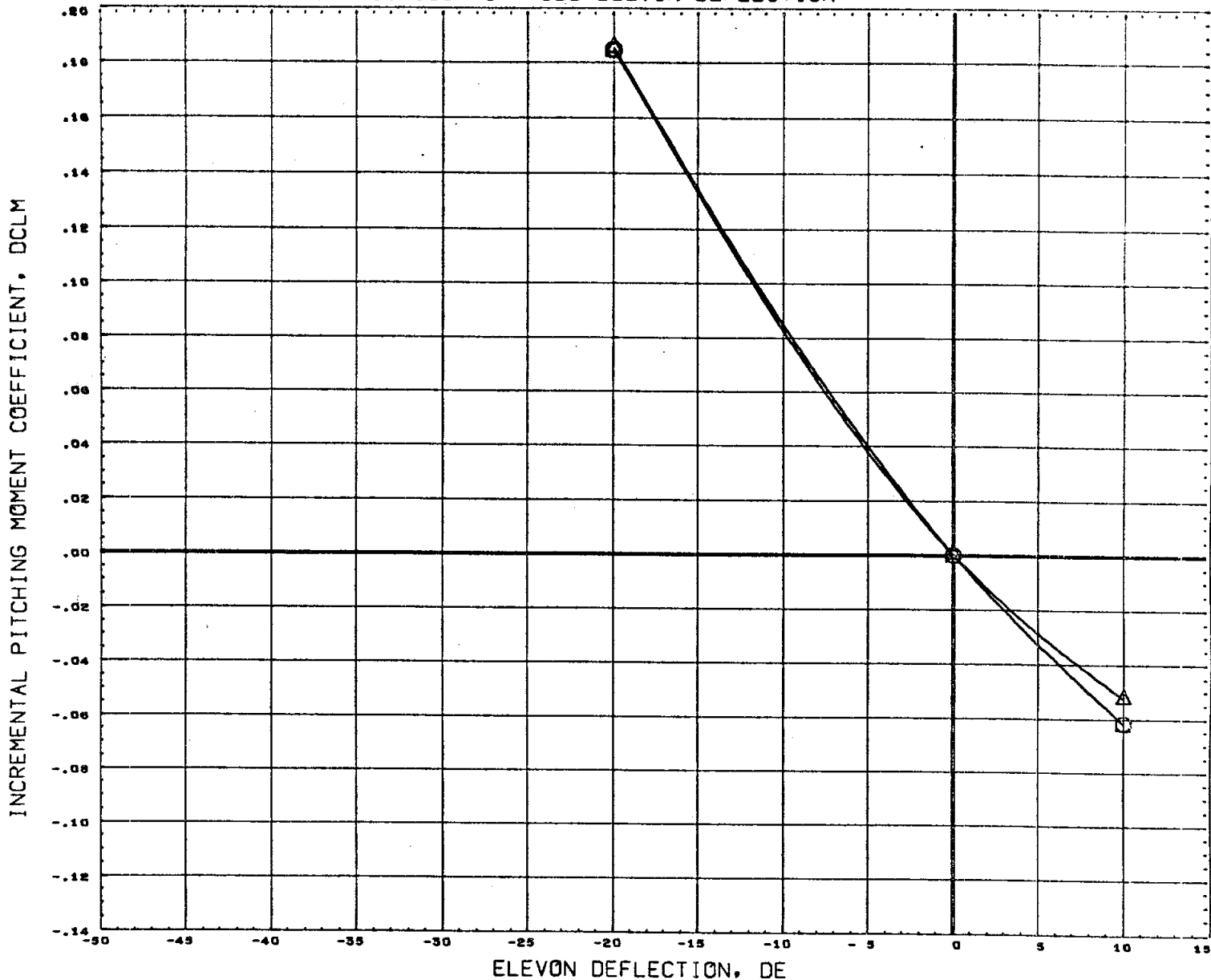
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	0.900	BETA	0.000	SREF	7.4190	SQ. IN.
◇	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
△	20.000	RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OBDAIL	0.000	IBDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

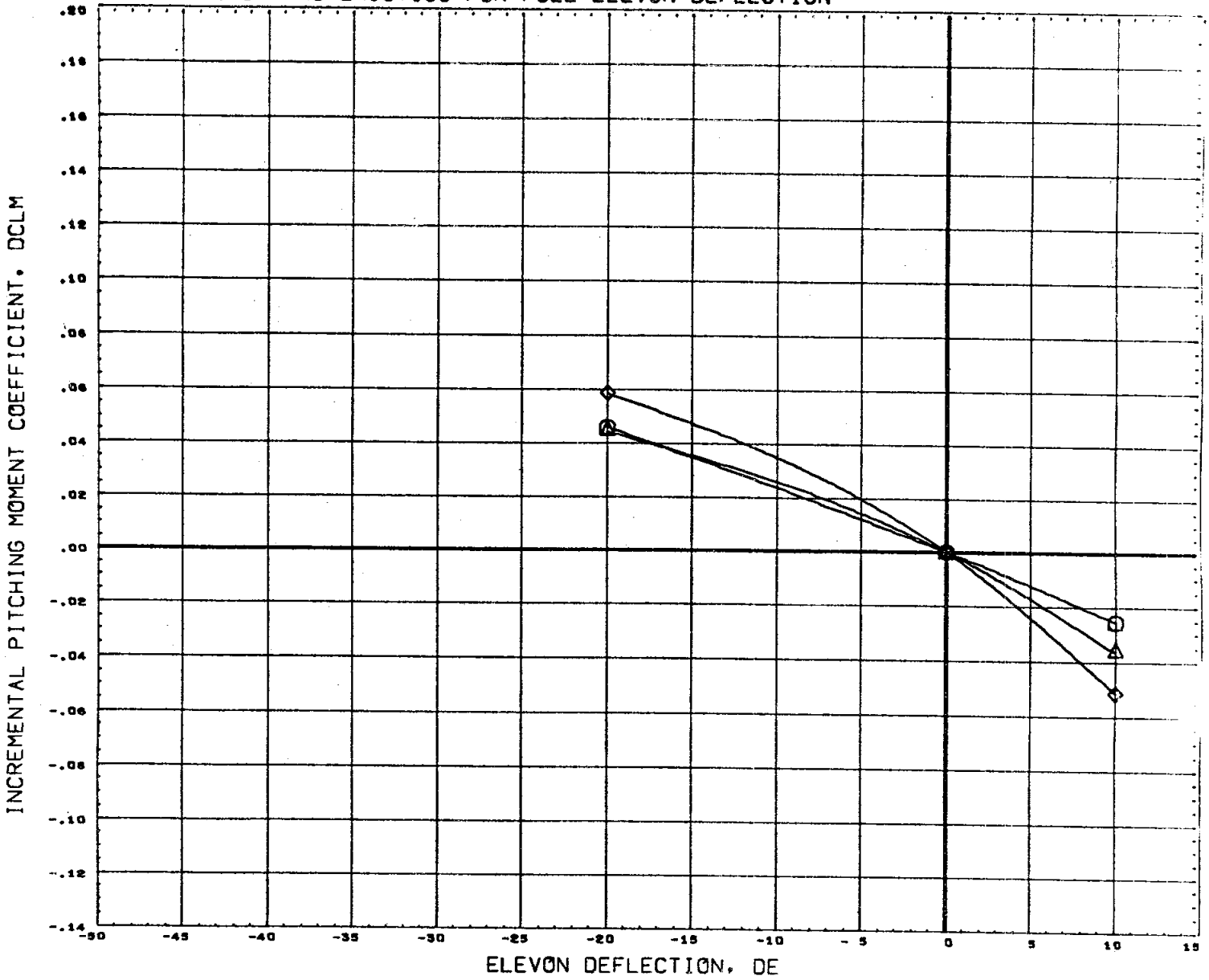
DATA HIST. CODE I+C+GI

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	30.000	MACH	0.900	BETA	0.000	SREF	7.4190	SQ. IN.
△	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		CBDAIL	0.000	IBDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	
		DATA HIST. CODE	I*CGI					

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION

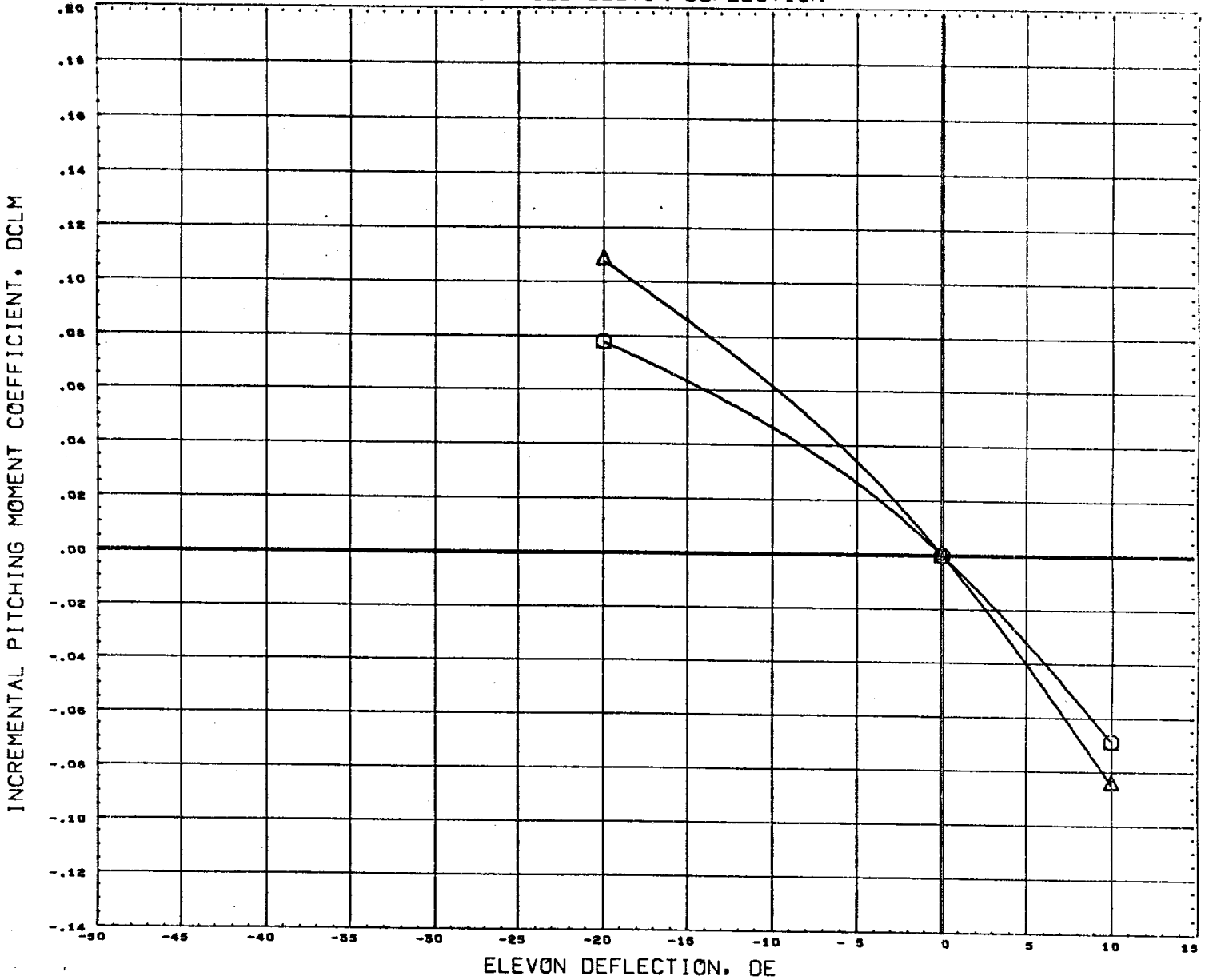


ELEVON DEFLECTION, DE

SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	2.990	BETA	0.000	SREF	7.4190	SQ. IN.
△	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
◇	20.000	RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OSDAIL	0.000	ISDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

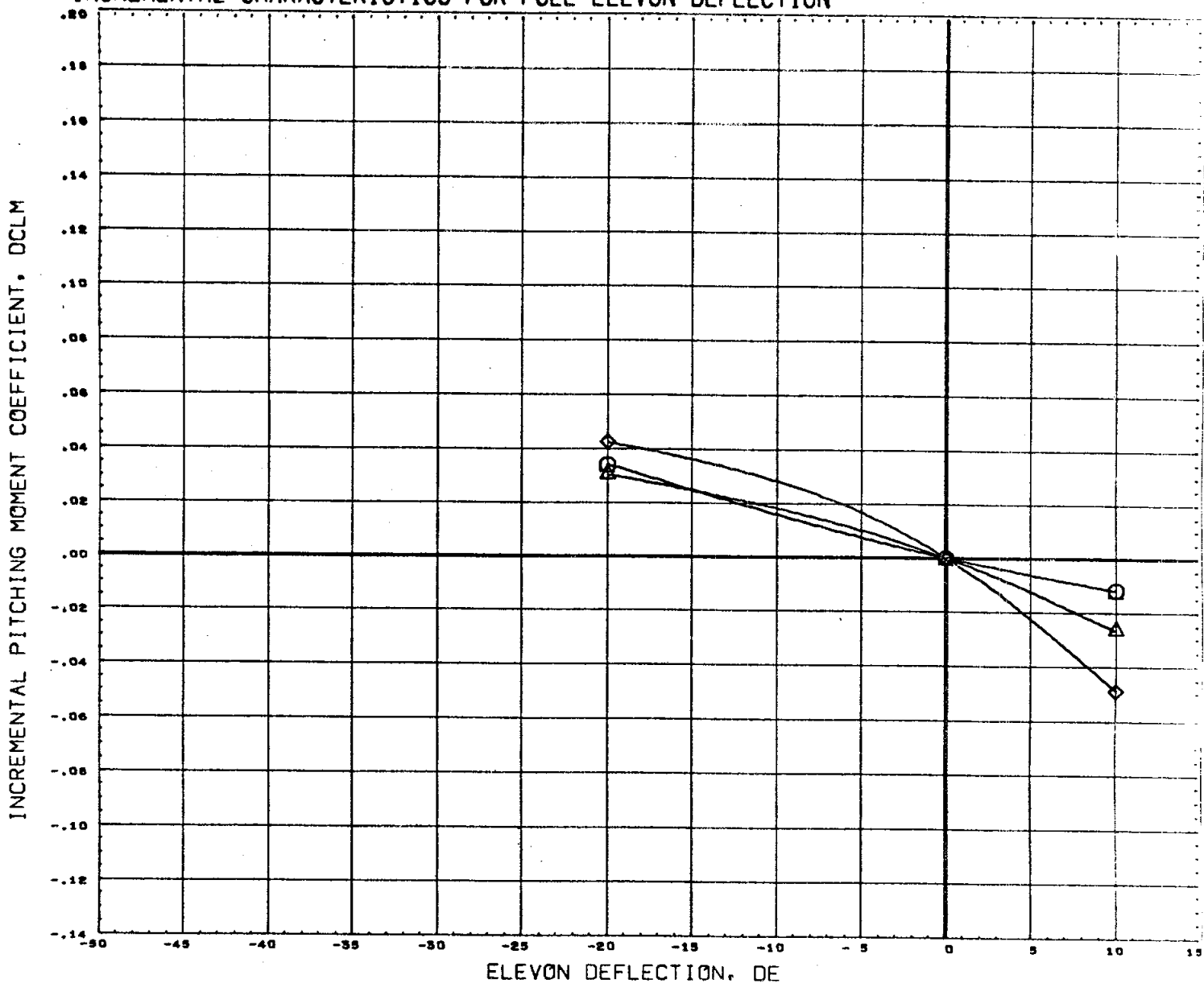
DATA HIST. CODE I\*C\*GI

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
	30.000	MACH	2.990	BETA	0.000	SREF	7.4190	SQ. IN.
∞	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	AILRON	0.000	BREF	4.0500	IN.
		OBDAIL	0.000	IBDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	
		DATA HIST. CODE	I=C*GI					

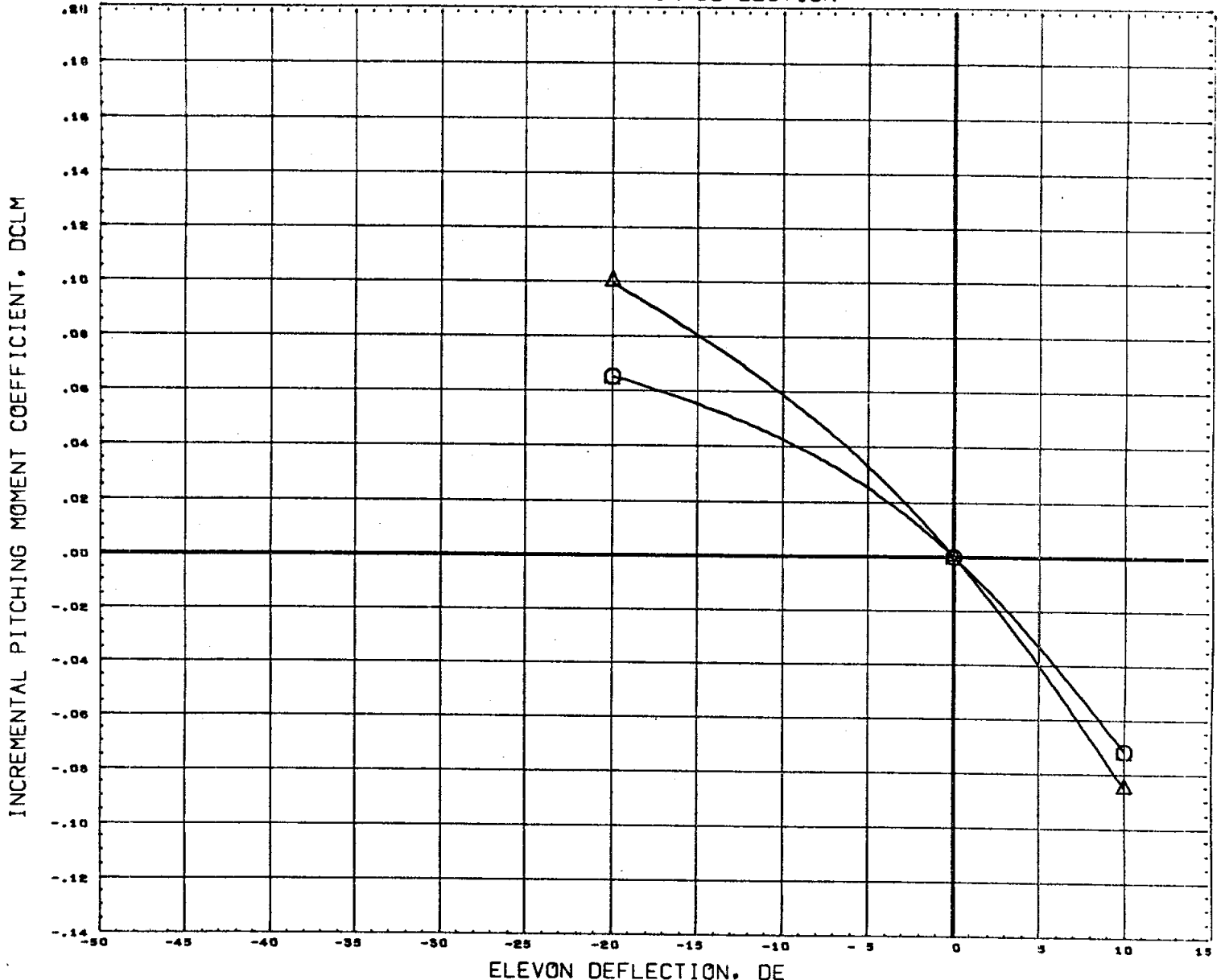
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	4.960	BETA	0.000	SREF	7.4190	SQ. IN.
△	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
◇	20.000	RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OSDAIL	0.000	ISDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

DATA HIST. CODE I+C\*6I

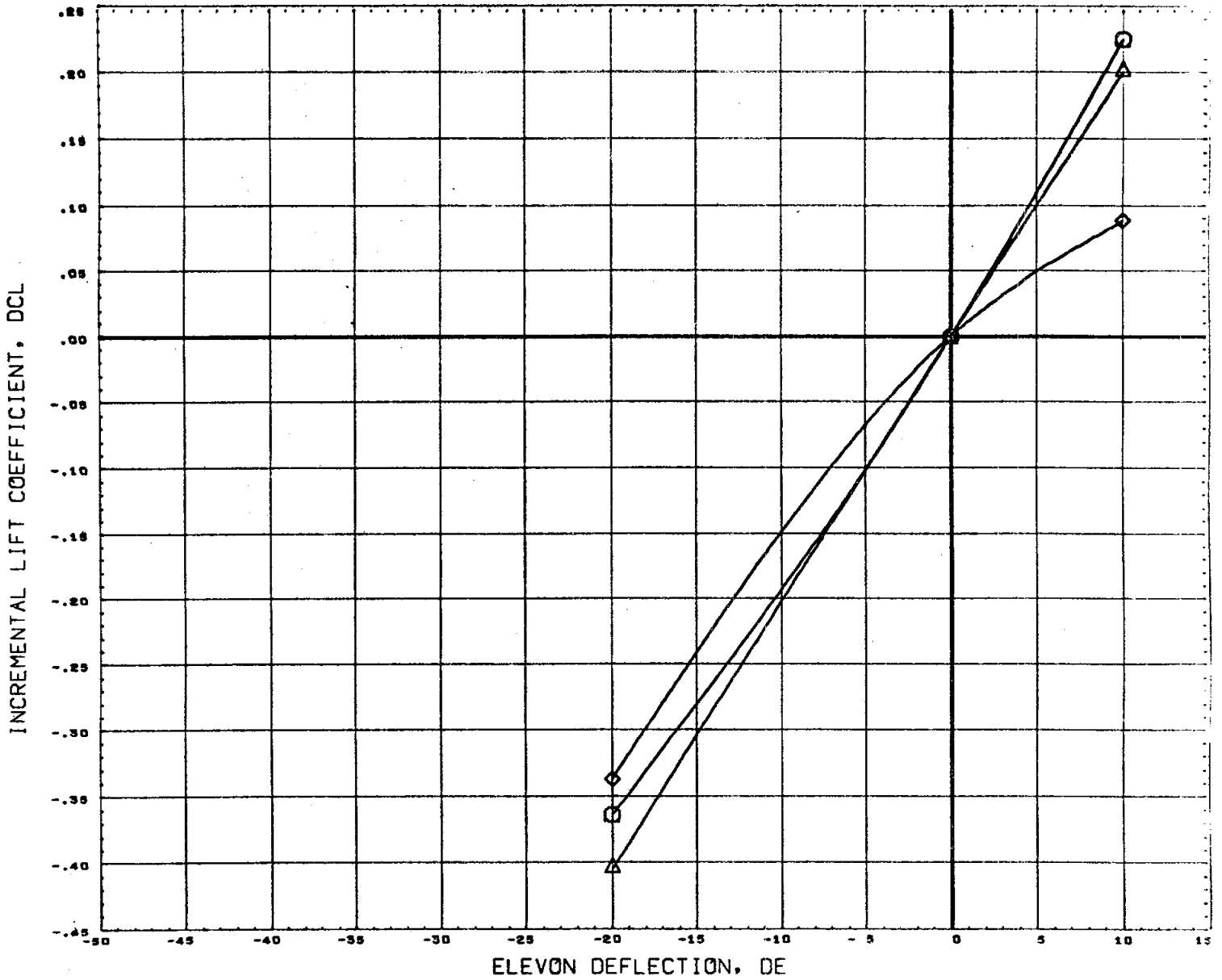
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVEN DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	30.000	MACH	4.960	BETA	0.000	SREF	7.4190	SQ. IN.
	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OSDAIL	0.000	ISDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

DATA HIST. CODE 1+C+G1

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION

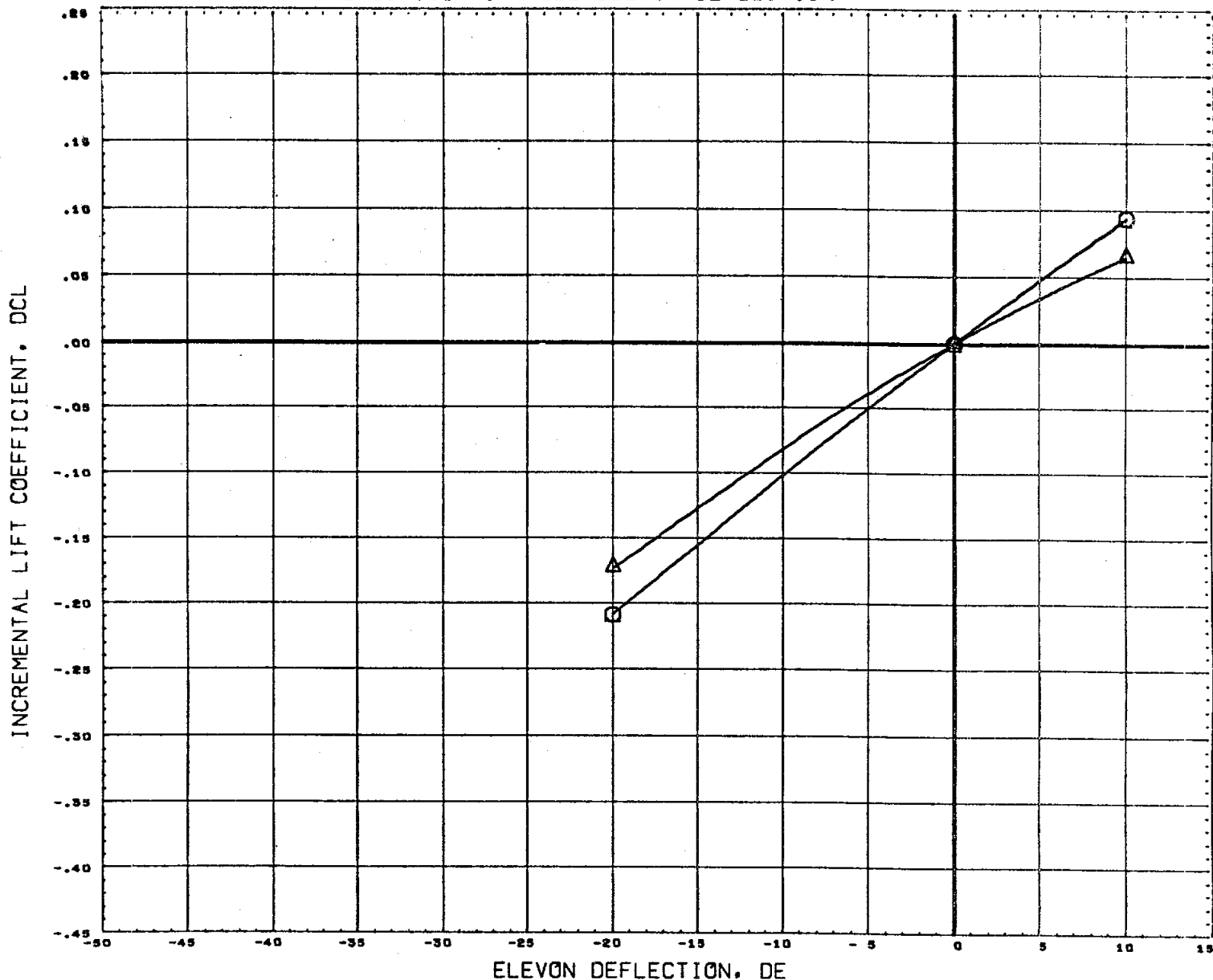


SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
		MACH	BETA	RUDDER	AILRON	SREF	IN.	IN.
○	0.000	0.000	0.000	0.000	7.4190	50.	IN.	
△	10.000	3.000	0.000	0.000	2.1020	IN.		
◇	20.000	10.000	0.000	0.000	4.0300	IN.		
		0.000	0.000	0.000	3.4530	IN.		
					0.0000	IN.		
					0.0000	IN.		
					0.0040	IN.		

DATA HIST. CODE I4C\*61



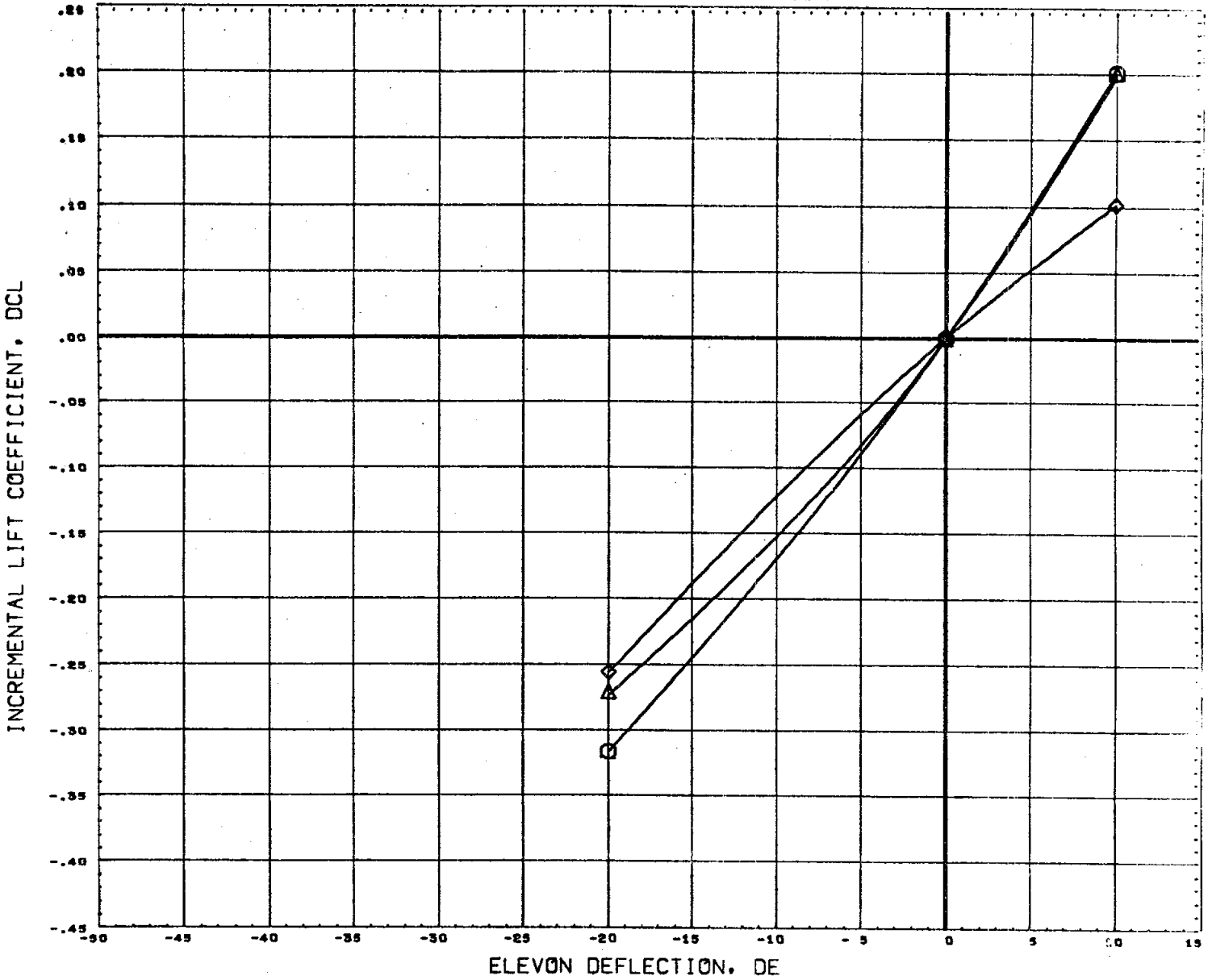
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES			
○	30.000	MACH	0.600	BETA	0.000
△	40.000	CONFIG	3.000	RUDDER	0.000
		RUDFLR	10.000	ATLRON	0.000
		OBDAIL	0.000	IBDAIL	0.000
		DATA HIST. CODE	I*C*G1		

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XMRP	3.4530	IN.
YMRP	0.0000	IN.
ZMRP	0.0000	IN.
SCALE	0.0040	

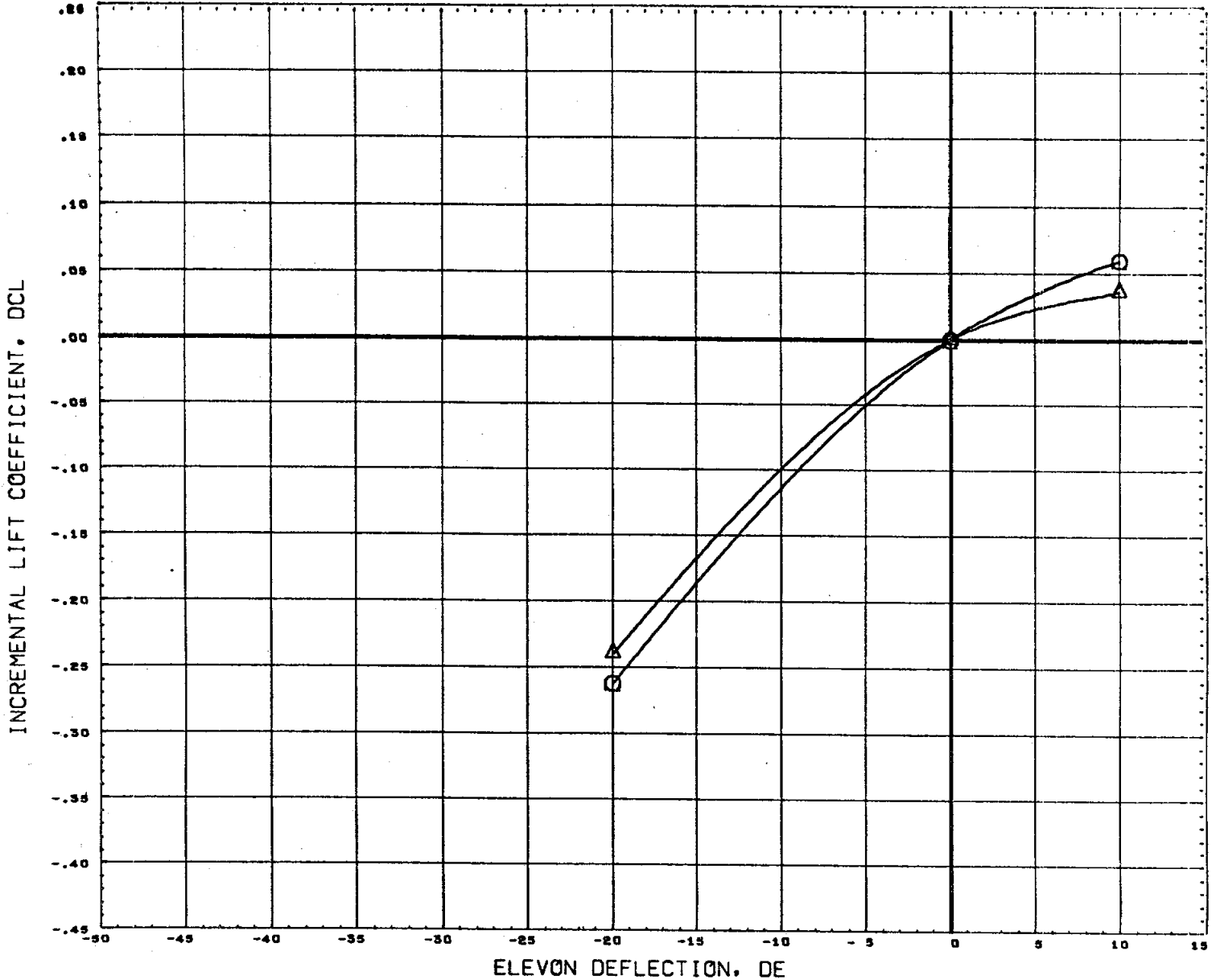
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVEN DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION	
○	0.000	MACH	0.900	BETA	0.000	SREF	7.4190 SQ. IN.
△	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020 IN.
◇	20.000	RUDFLR	10.000	AILRON	0.000	BREF	4.0500 IN.
		OSDAIL	0.000	IBDAIL	0.000	XMRP	3.4330 IN.
						YMRP	0.0000 IN.
						ZMRP	0.0000 IN.
						SCALE	0.0040

DATA HIST. CODE I+C\*61

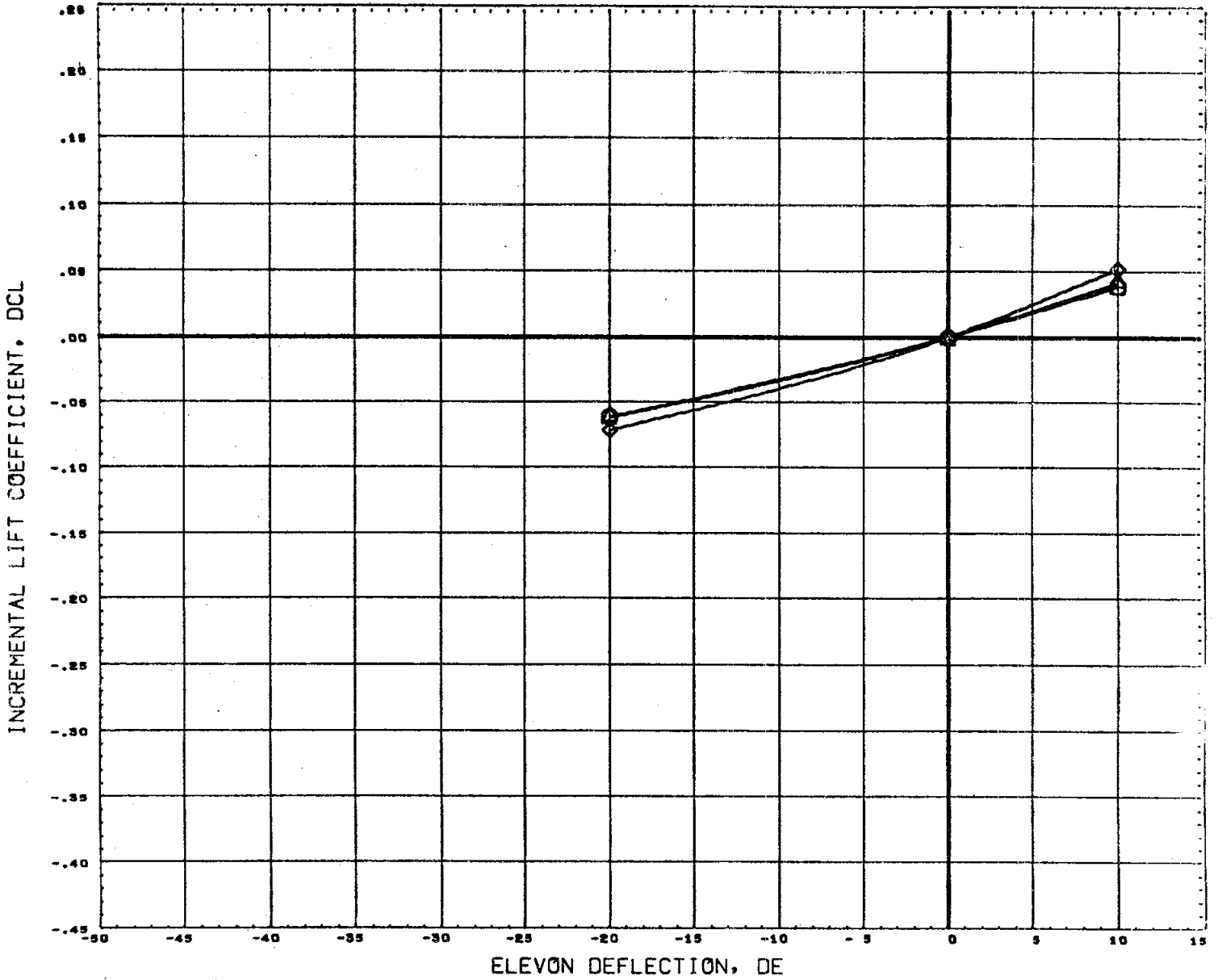
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
	30.000	MACH	0.900	BETA	0.000	SREF	7.4190	SQ. IN.
△	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
		OSDAIL	0.000	ISDAIL	0.000	XMRP	3.4530	IN.
						YMRP	0.0000	IN.
						ZMRP	0.0000	IN.
						SCALE	0.0040	

DATA HIST. CODE I+C+GI

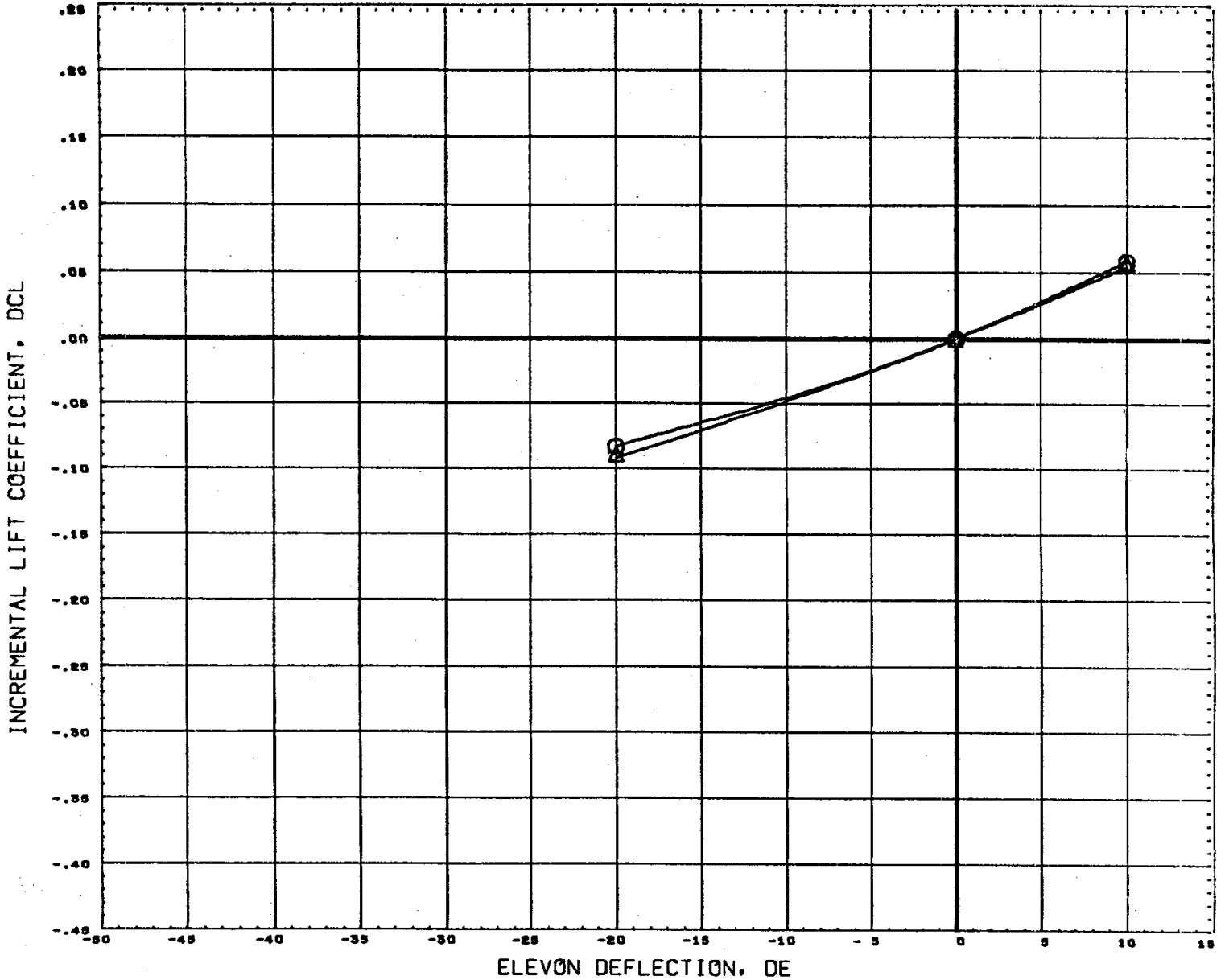
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL	PARAMETRIC VALUES				REFERENCE INFORMATION		
	ALPHA	MACH	BETA	BETA	SREF	IN.	SQ. IN.
○	0.000	2.990	0.000	0.000	7.4190	IN.	54.19
△	10.000	3.000	0.000	0.000	2.1020	IN.	4.42
◇	20.000	10.000	0.000	0.000	4.0300	IN.	16.24
		0.000	0.000	0.000	5.4530	IN.	29.73
					0.0000	IN.	0.00
					0.0000	IN.	0.00
					0.0040	IN.	0.02

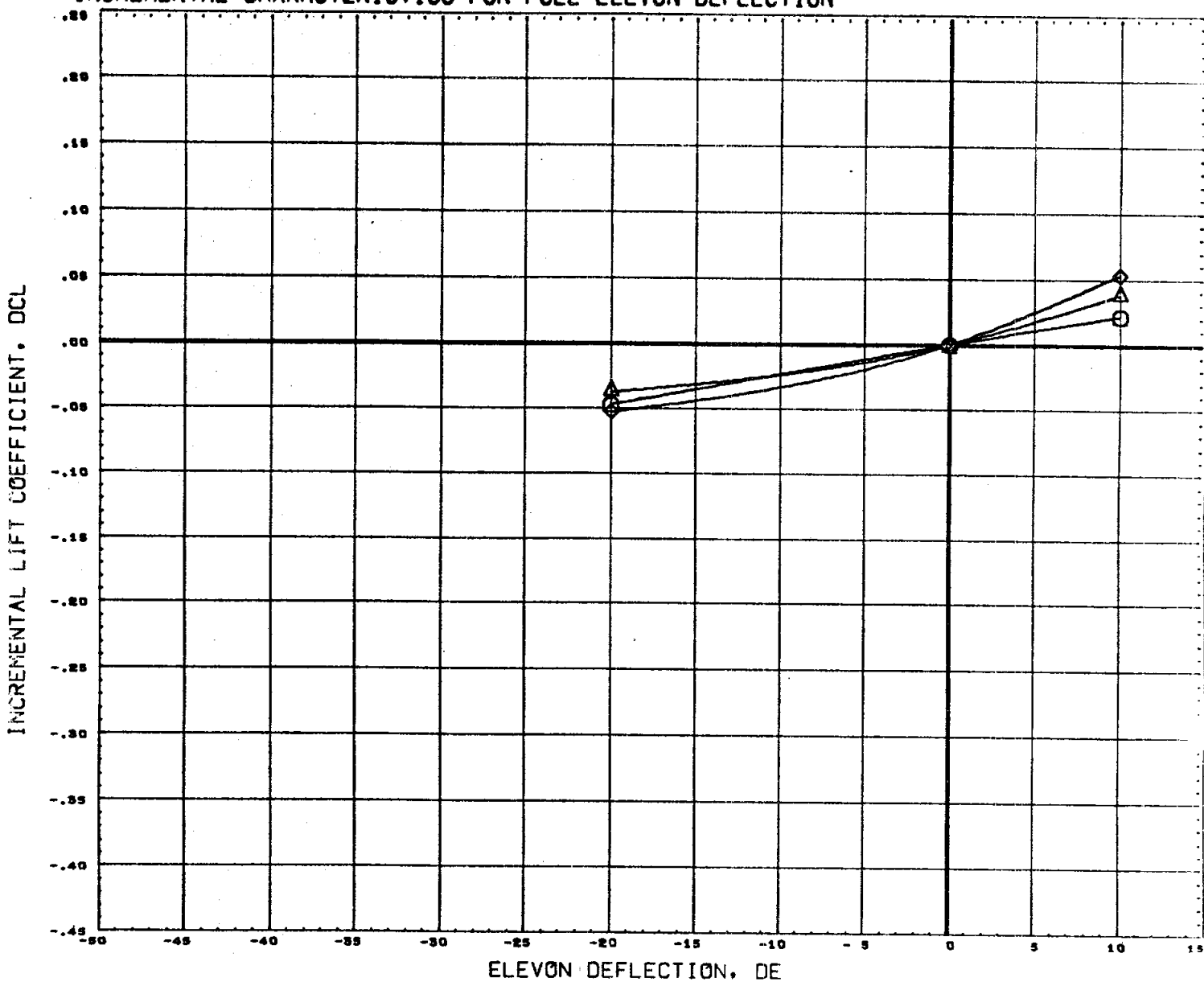
DATA HIST. CODE I\*C\*GI

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL				PARAMETRIC VALUES				REFERENCE INFORMATION	
○	ALPHA	30.000	MACH	2.990	BETA	0.000	SREF	7.4190	sq. in.
△	ALPHA	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	in.
			RUDFLR	10.000	AILRON	0.000	BREF	4.0300	in.
			OSDAIL	0.000	ISDAIL	0.000	XMRP	3.4530	in.
							YMRP	0.0000	in.
							ZMRP	0.0000	in.
							SCALE	0.0040	
			DATA HIST. CODE	I+C&GT					

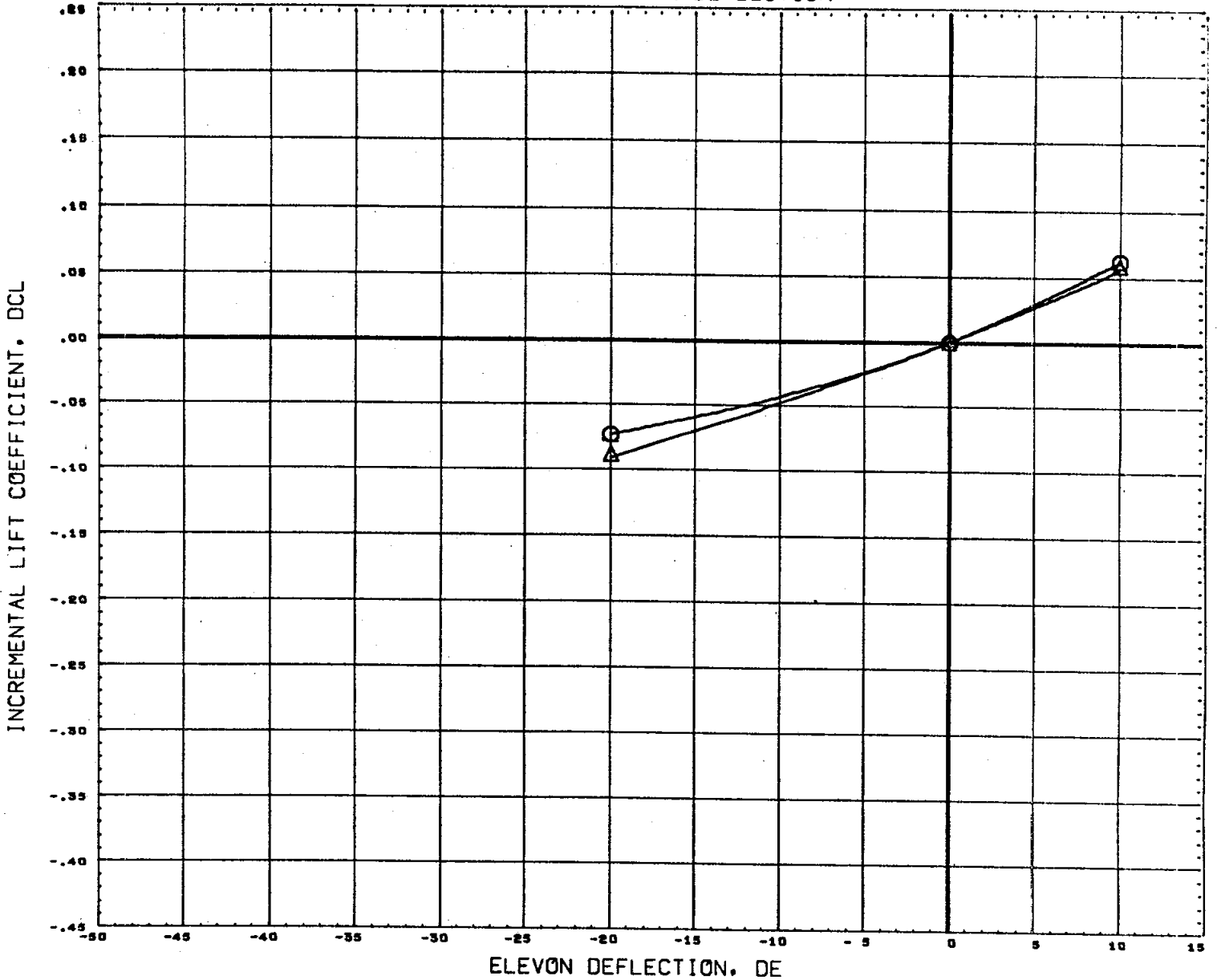
# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION



SYMBOL		ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
◇	○	0.000	MACH	4.960	BETA	0.000	SREF	7.4190	SQ. IN.
△	◇	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
◇	◇	20.000	RUDFLR	10.000	AILRON	0.000	BREF	4.0300	IN.
			OSDAIL	0.000	ISDAIL	0.000	XMRP	3.4530	IN.
							YMRP	0.0000	IN.
							ZMRP	0.0000	IN.
							SCALE	0.0040	

DATA HIST. CODE 1+C+G1

# INCREMENTAL CHARACTERISTICS FOR FULL ELEVON DEFLECTION

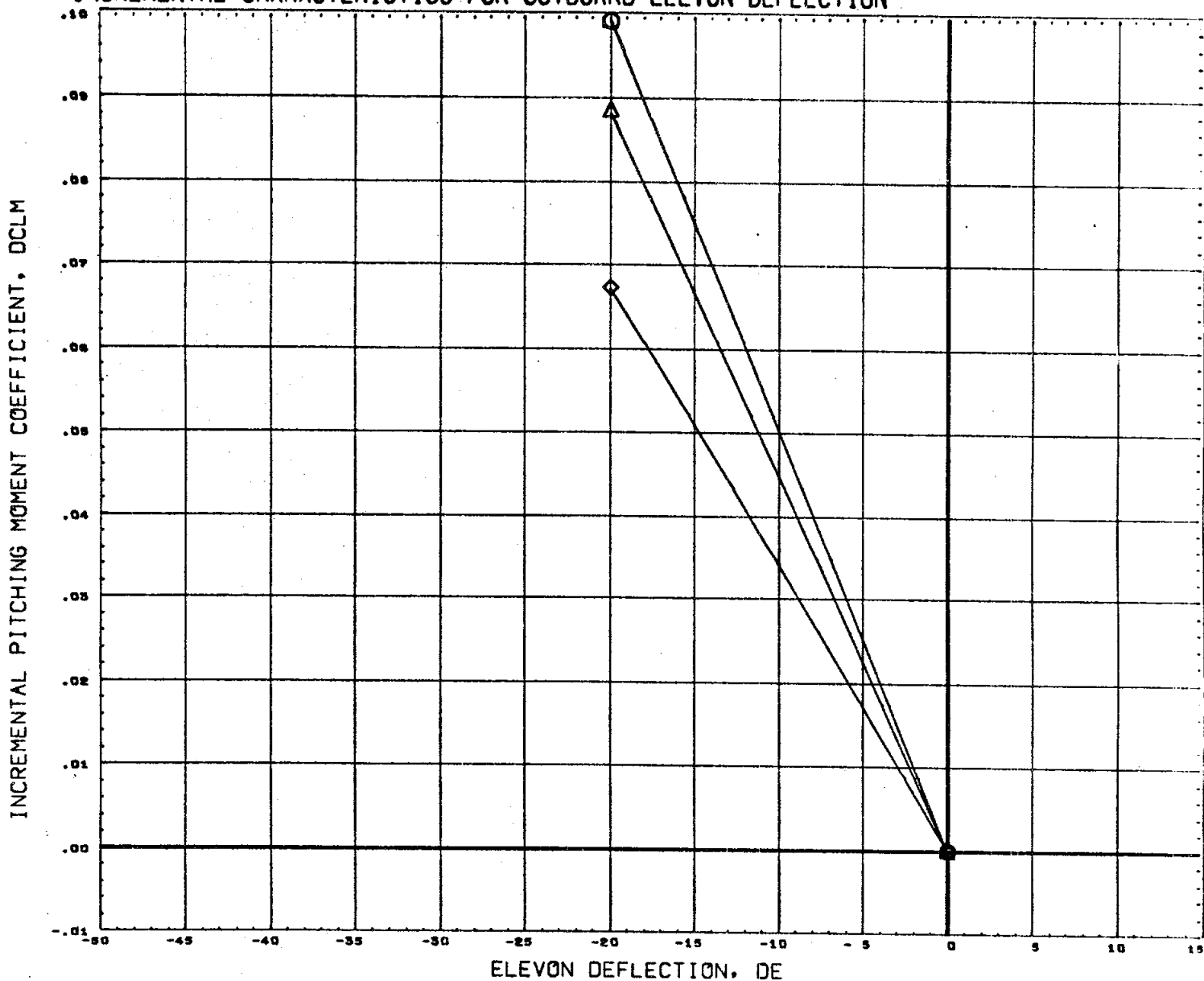


SYMBOL	ALPHA	PARAMETRIC VALUES			
○	30.000	MACH	4.960	BETA	0.000
△	40.000	CONFIG	3.000	RUDDER	0.000
		RUDFLR	10.000	AILRON	0.000
		OSDAIL	0.000	IBDAIL	0.000

REFERENCE INFORMATION		
SREF	7.4190	sq. in.
LREF	2.1020	in.
BREF	4.0300	in.
XMRP	3.4530	in.
YMRP	0.0000	in.
ZMRP	0.0000	in.
SCALE	0.0040	

DATA HIST. CODE I\*G\*EI

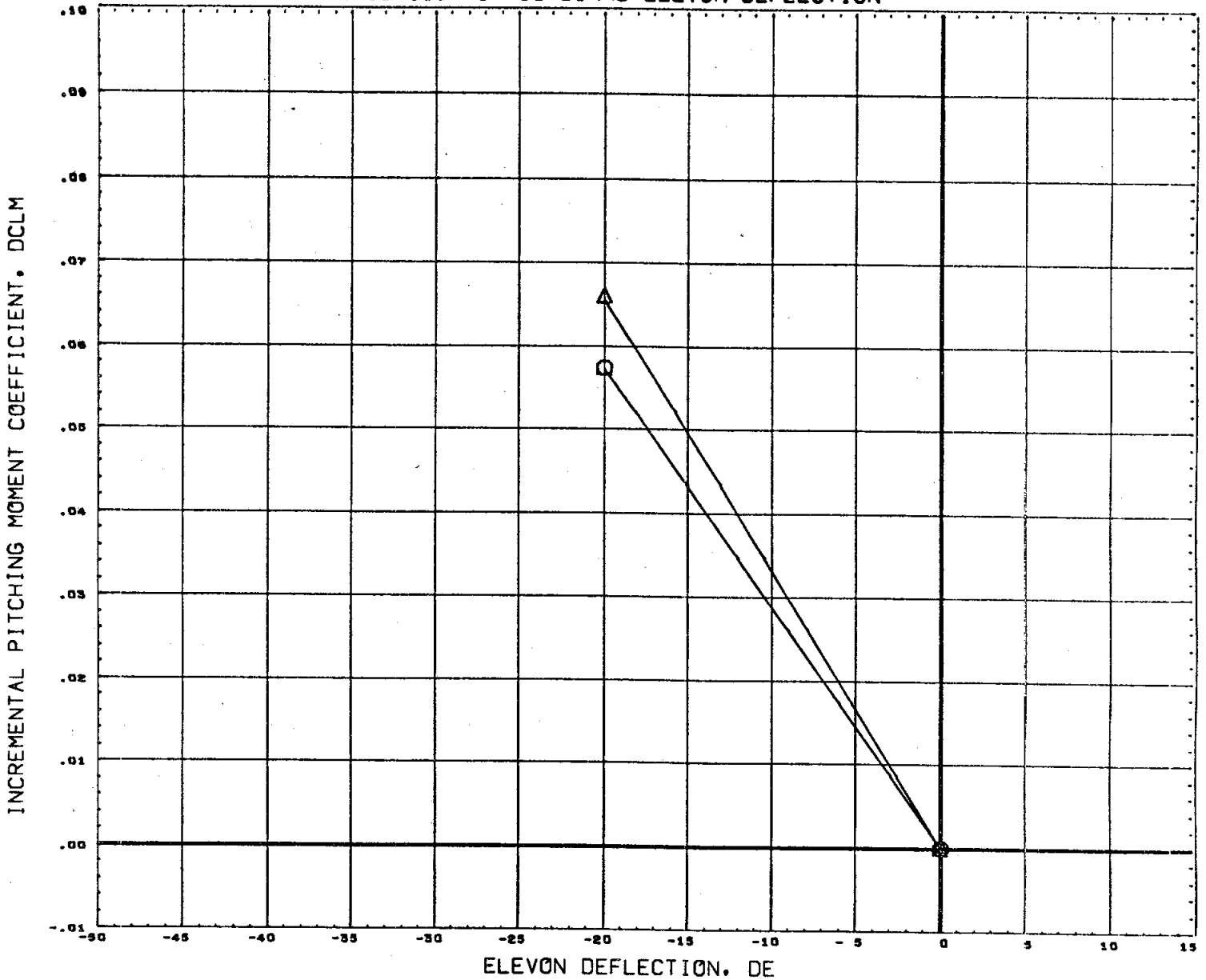
# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION	
○	0.000	MACH	0.600	BETA	0.000	SREF	7.4190 SQ. IN.
△	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020 IN.
◇	20.000	RUDFLR	10.000	OBDELV	0.000	BREF	4.0300 IN.
		IBDELV	0.000	AILRON	0.000	XMRP	3.4530 IN.
		OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000 IN.
		DATA HIST. CODE	I*C*6I			ZMRP	0.0000 IN.
						SCALE	0.0040

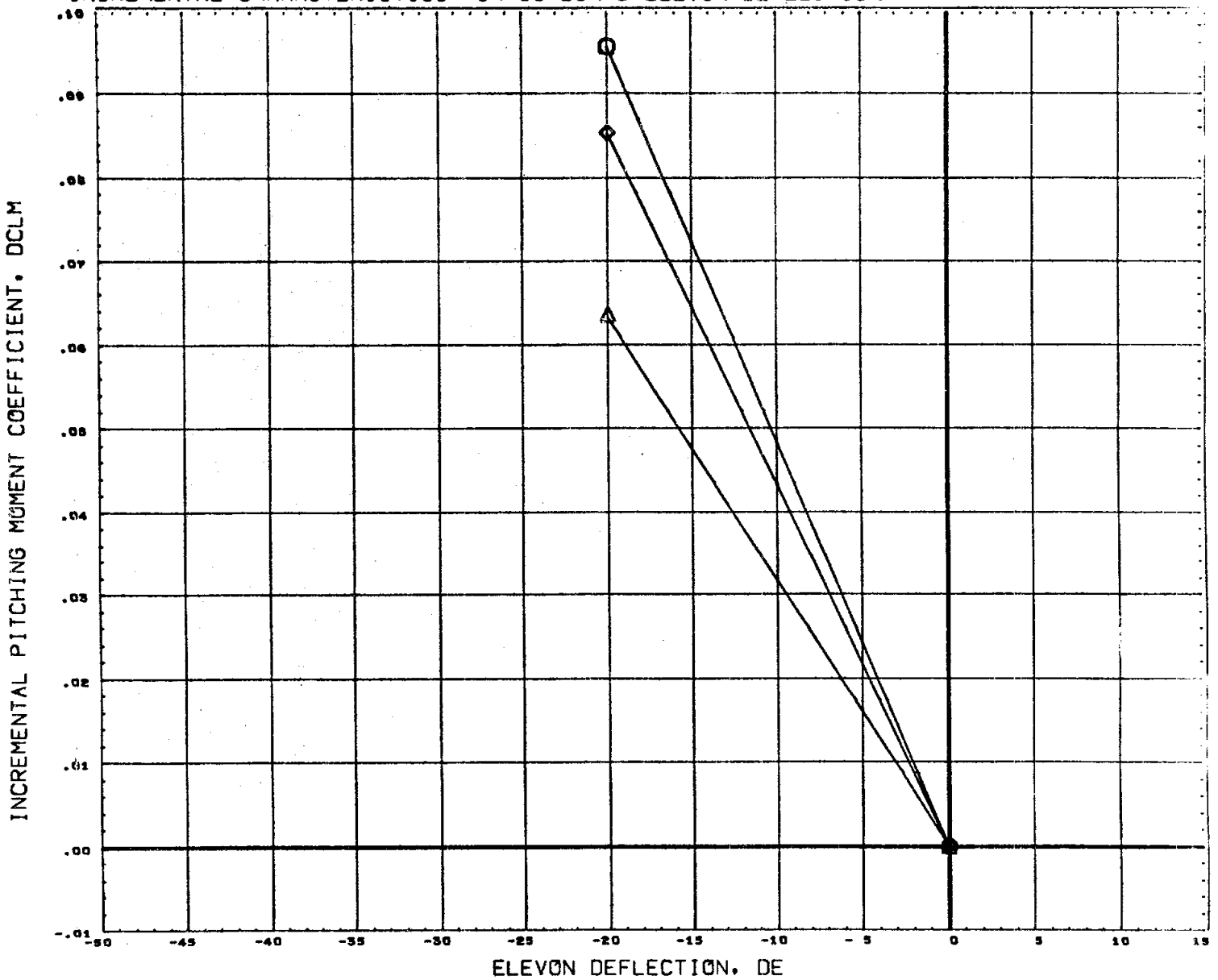


# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



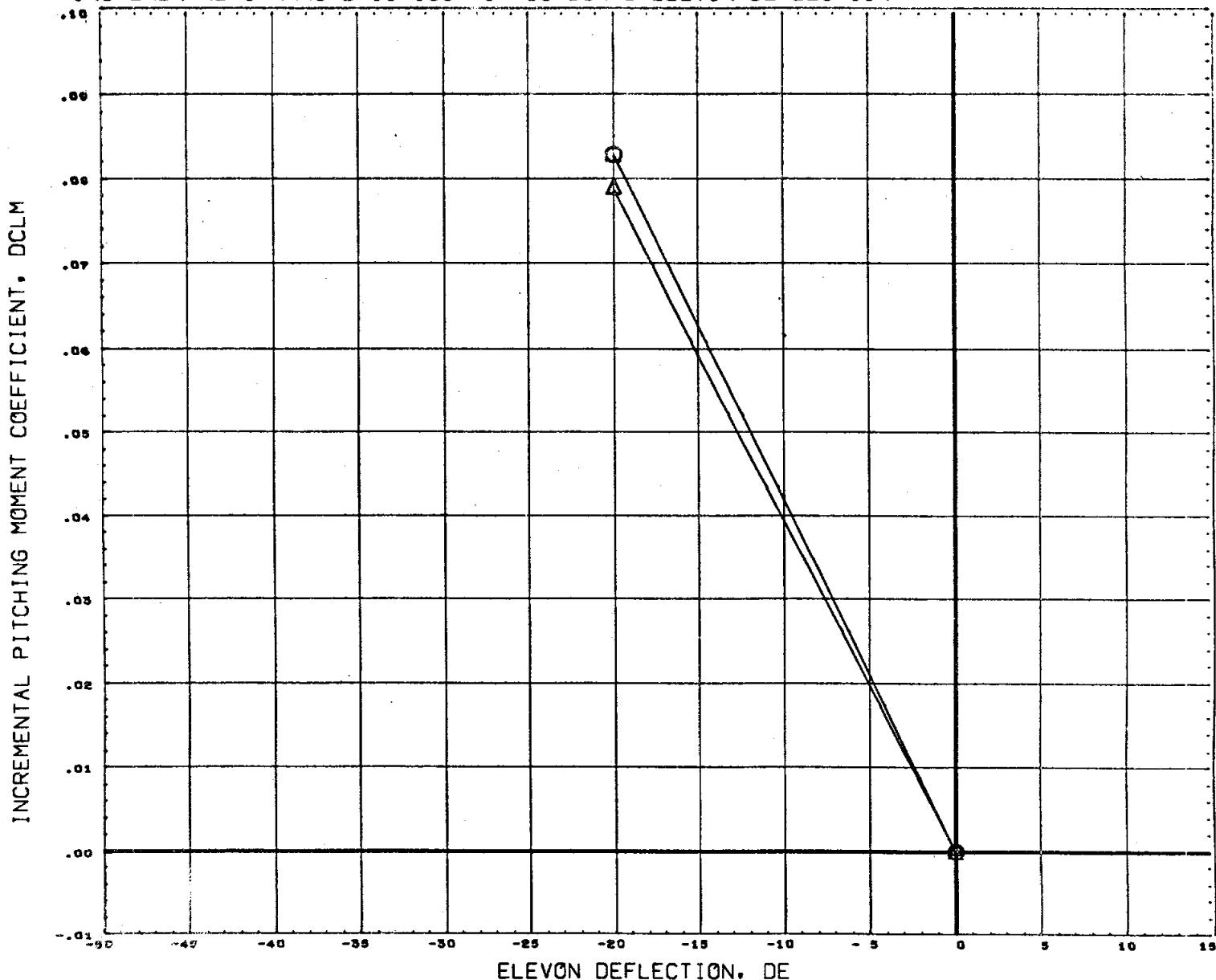
SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	30.000	MACH	0.600	BETA	0.000	SREF	7.4190	SQ. IN.
△	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	OBDELV	0.000	BREF	4.0300	IN.
		IBDELV	0.000	AILRON	0.000	XMRP	3.4530	IN.
		OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000	IN.
		ZMRP	0.0000			SCALE	0.0040	IN.
		DATA HIST. CODE	I*CGI					

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



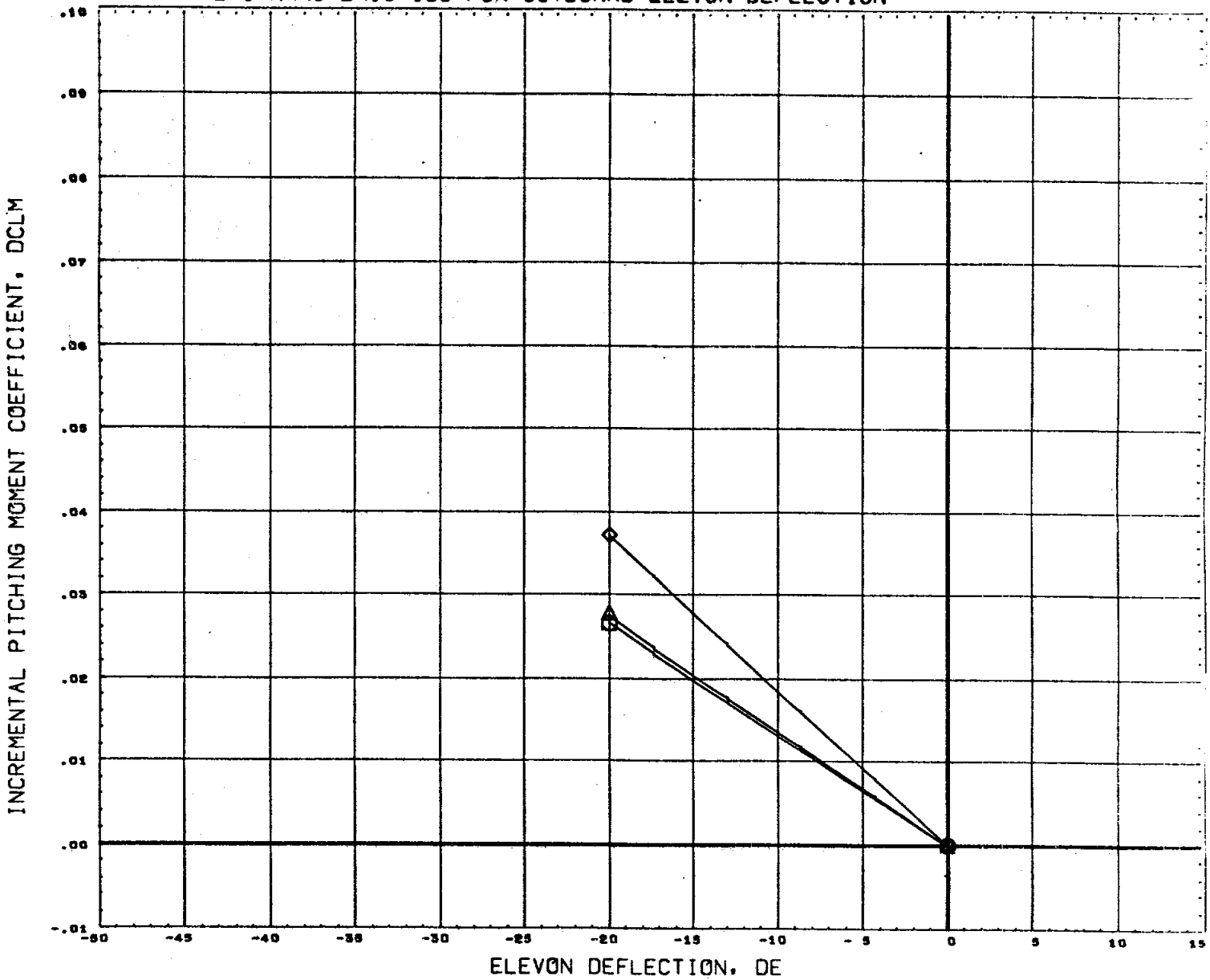
SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	0.000	MACH	0.900	BETA	0.000	SREF	7.4190	Sq. IN.
◇	10.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
△	20.000	RUDFLR	10.000	OBDELV	0.000	BREF	4.0500	IN.
		ISDELV	0.000	ATLRON	0.000	XMRP	3.4530	IN.
		OBDAIL	0.000	ISDAIL	0.000	YMRP	0.0000	IN.
		ZMRP				SCALE	0.0040	IN.
		DATA HIST. CODE	I*C*CI					

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



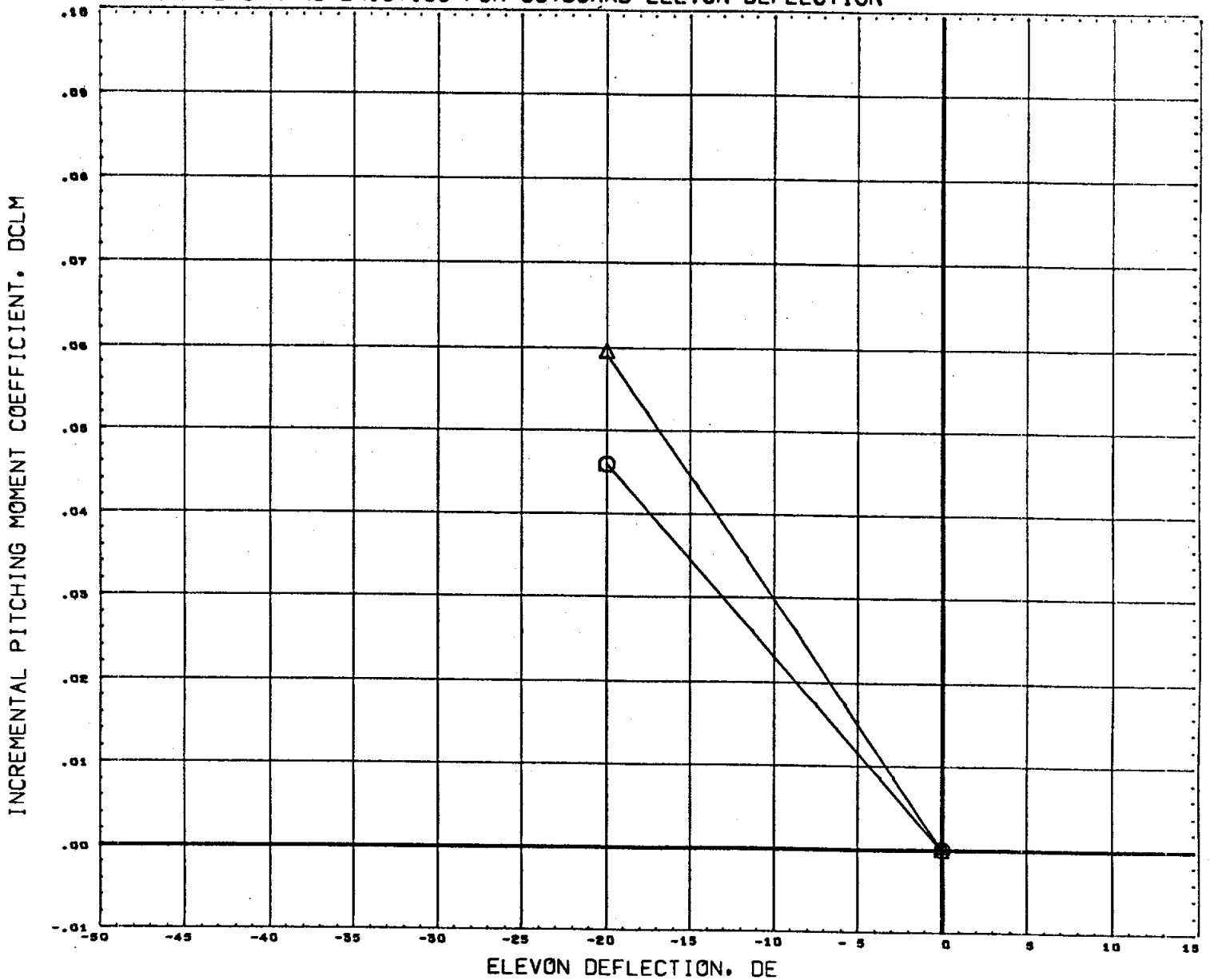
SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	30.000	MACH	0.900	BETA	0.000	SREF	7.4190	sq. IN.
△	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	OBDELY	0.000	BREF	4.0300	IN.
		IBDELY	0.000	AILRON	0.000	XMRP	3.4530	IN.
		OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000	IN.
		ZMRP				ZMRP	0.0000	IN.
		SCALE				SCALE	0.0040	
		DATA HIST. CODE	T+C*G1					

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



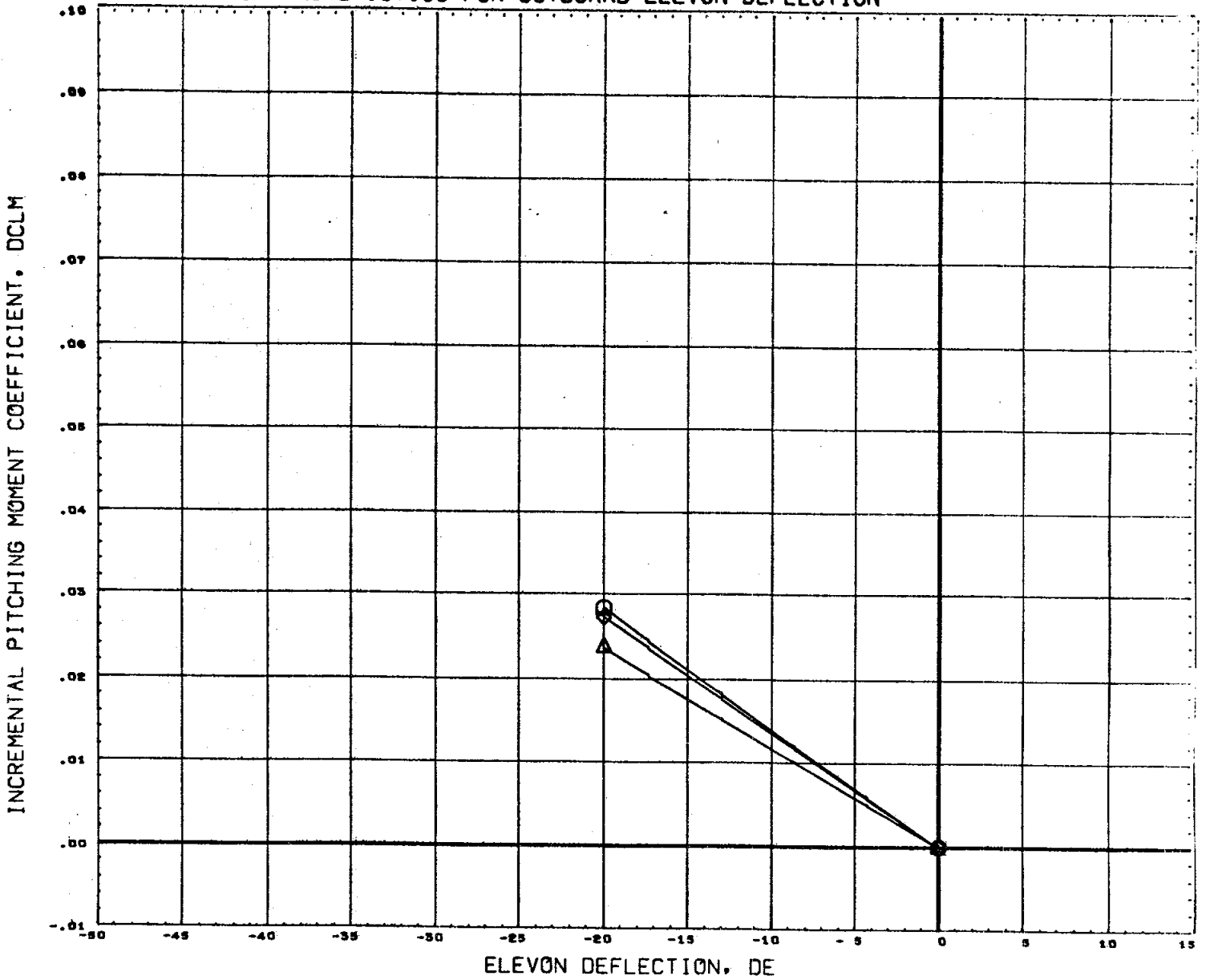
SYMBOL	PARAMETRIC VALUES				REFERENCE INFORMATION		
	ALPHA	MACH	BETA	BETA	SREF	IN.	SQ. IN.
○	0.000	2.990	0.000	0.000	7.4190	IN.	
△	10.000	CONFIG 3.000	RUDDER 0.000	0.000	2.1020	IN.	
◇	20.000	RUDFLR 10.000	OBDELV 0.000	0.000	4.0500	IN.	
		IBDELV 0.000	AILRON 0.000	0.000	3.4530	IN.	
		OBDAIL 0.000	IBDAIL 0.000	0.000	0.0000	IN.	
		DATA HIST. CODE I#C*6I			ZMRP 0.0000	IN.	
					SCALE 0.0040		

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



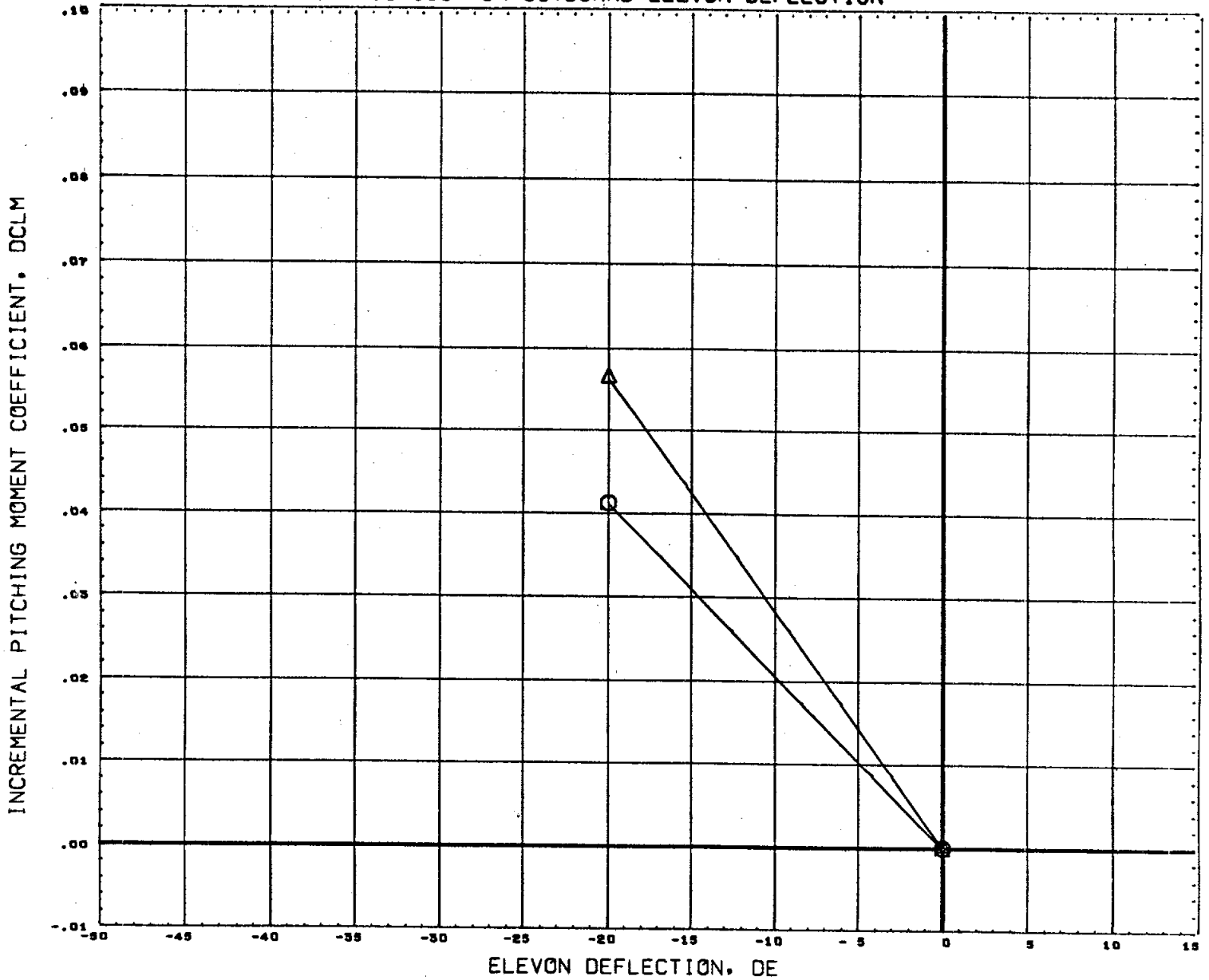
SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
△	30.000	MACH	2.990	BETA	0.000	SREF	7.4190	30. IN.
	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	OBDELV	0.000	BREF	4.0500	IN.
		ISDELV	0.000	AILRON	0.000	XMRP	3.4530	IN.
		OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000	IN.
		DATA HIST. CODE	I+C*GI			ZMRP	0.0000	IN.
						SCALE	0.0040	

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



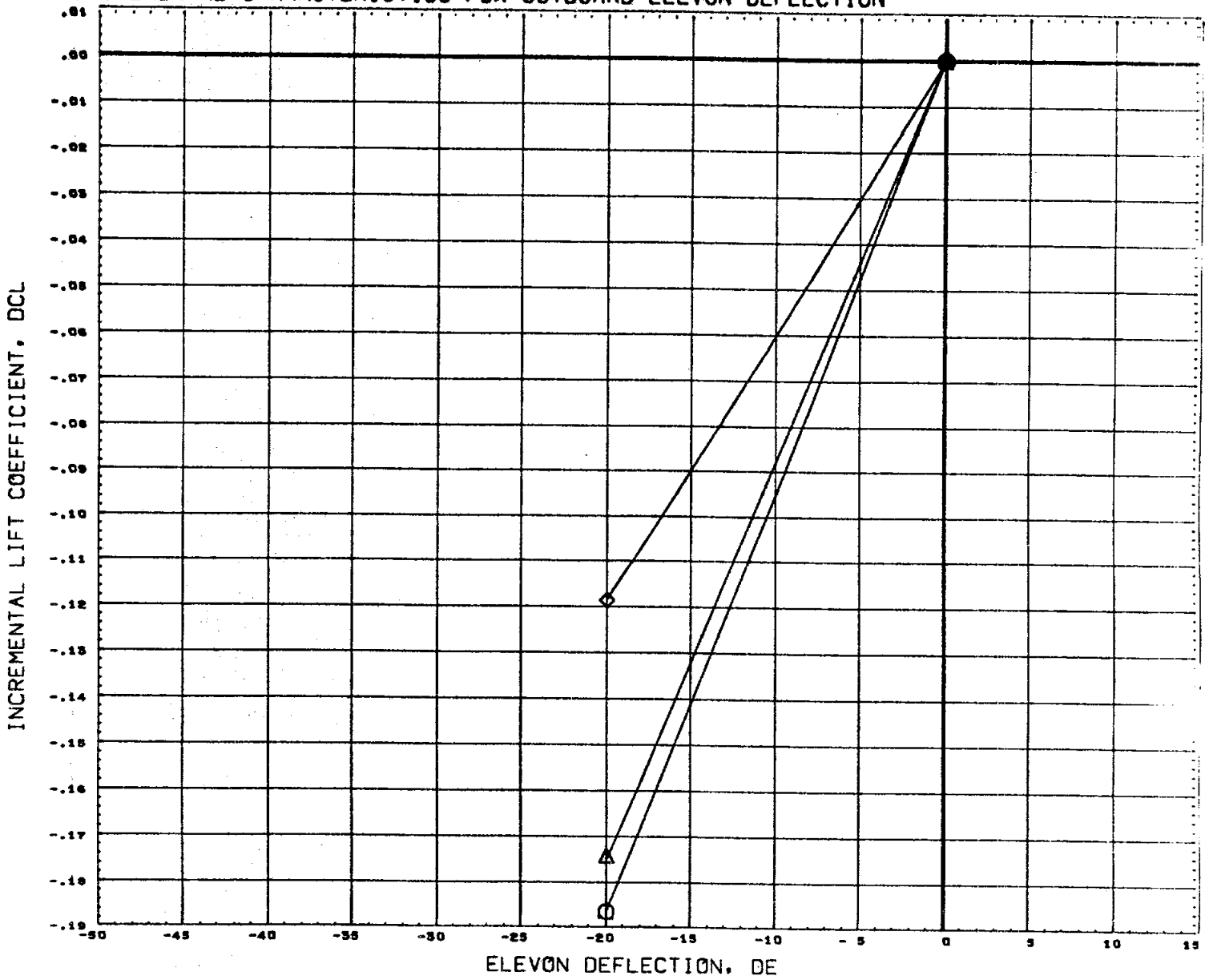
SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION	
		MACH	BETA	RUDDER	SREF	SQ. IN.	
◇	0.000	4.980	0.000	0.000	7.4190	SQ. IN.	
△	10.000	3.000	0.000	0.000	2.1020	IN.	
○	20.000	10.000	0.000	0.000	4.0300	IN.	
		IBDELV	0.000	AILRON	3.4530	IN.	
		OBDAIL	0.000	IBDAIL	0.0000	IN.	
		DATA HIST. CODE	I*CGI		ZMRP	0.0000	IN.
					SCALE	0.0040	

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



SYMBOL	PARAMETRIC VALUES				REFERENCE INFORMATION		
	△	ALPHA 30.000	MACH 4.960	BETA 0.000	RUDDER 0.000	SREF 7.4190	SQ. IN. IN.
○	40.000	CONFIG 3.000	OBDELV 0.000	AILRON 0.000	LREF 2.1020	IN.	
		RUDFLR 10.000	OBDELV 0.000	AILRON 0.000	BREF 4.0300	IN.	
		IBDELV 0.000	AILRON 0.000	AILRON 0.000	XMRP 3.4530	IN.	
		OBDAIL 0.000	IBDAIL 0.000	AILRON 0.000	YMRP 0.0000	IN.	
		DATA HIST. CODE	I#C#G#I		ZMRP 0.0000	IN.	
					SCALE 0.0040		

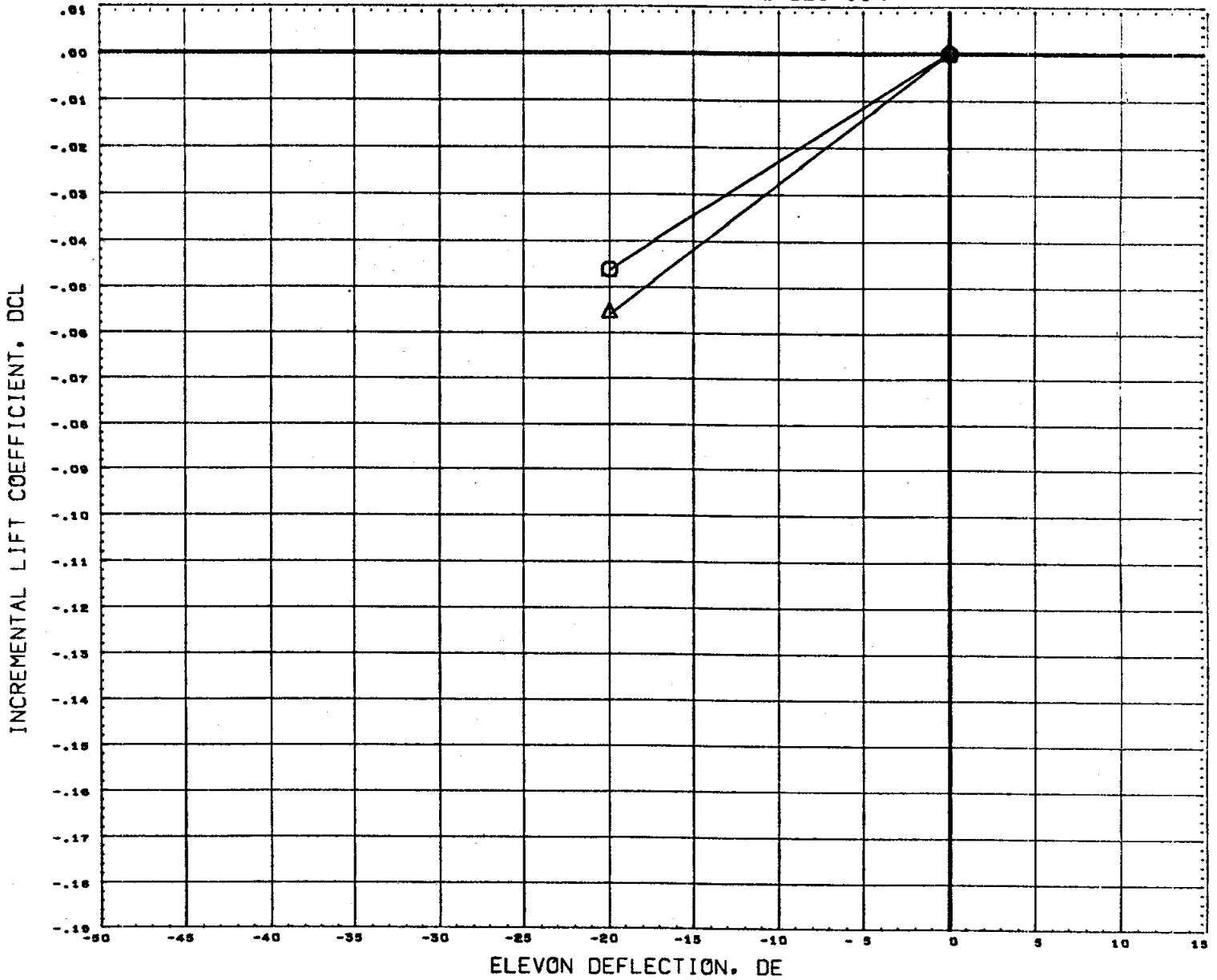
# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



SYMBOL	PARAMETRIC VALUES					REFERENCE INFORMATION		
	ALPHA	MACH	CONFIG	BETA	RUDDER	SREF	LREF	BREF
○	0.000	0.000	3.000	0.000	0.000	7.4190	2.1020	4.0300
△	10.000	0.000	3.000	0.000	0.000	3.4530	2.1020	4.0300
◇	20.000	0.000	3.000	0.000	0.000	0.0000	2.1020	4.0300
		IBDELV	0.000	AILRON	0.000	ZMRP	0.0000	0.0040
		OSDAIL	0.000	IBDAIL	0.000			
		DATA HIST. CODE	I*C*61					

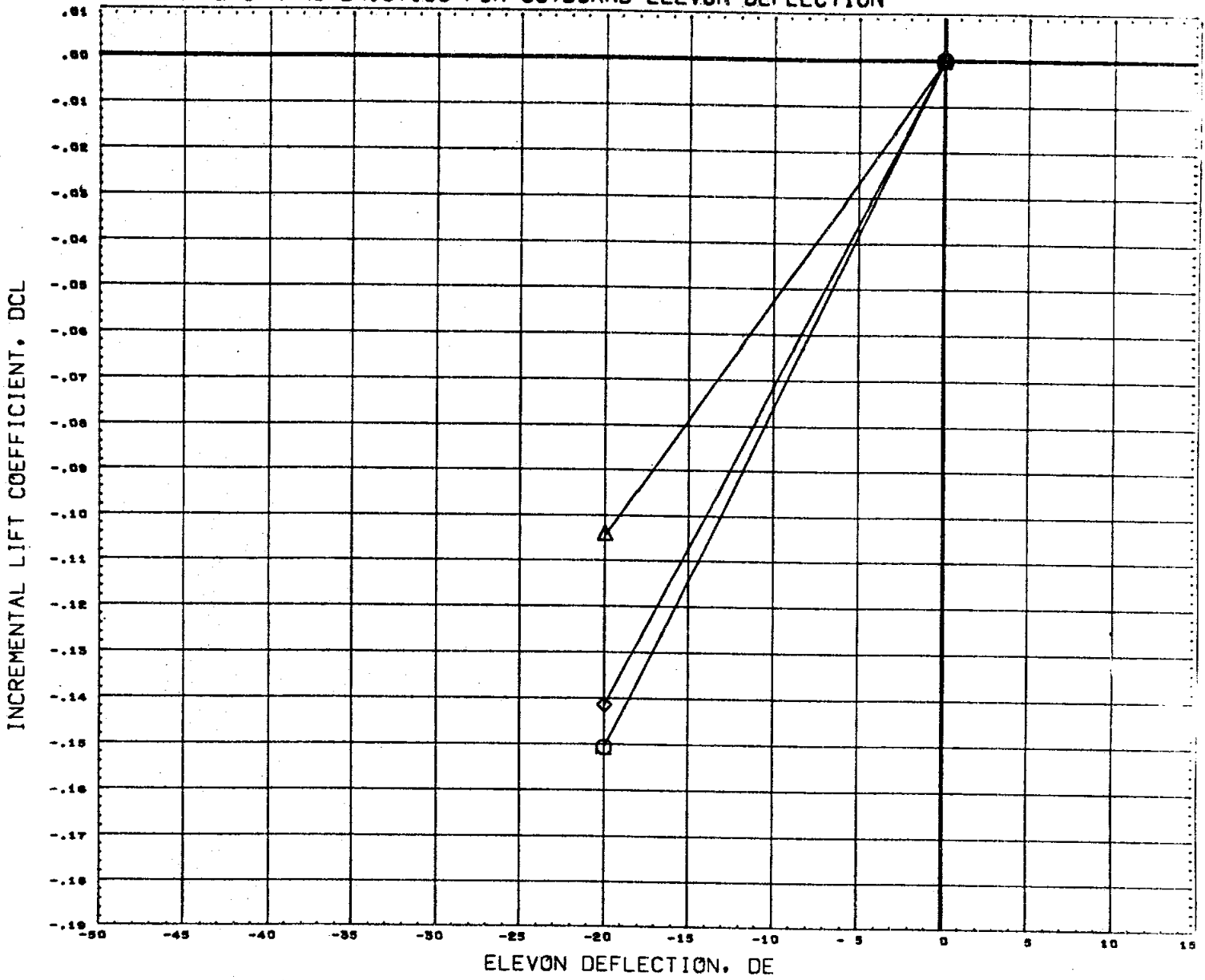


# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



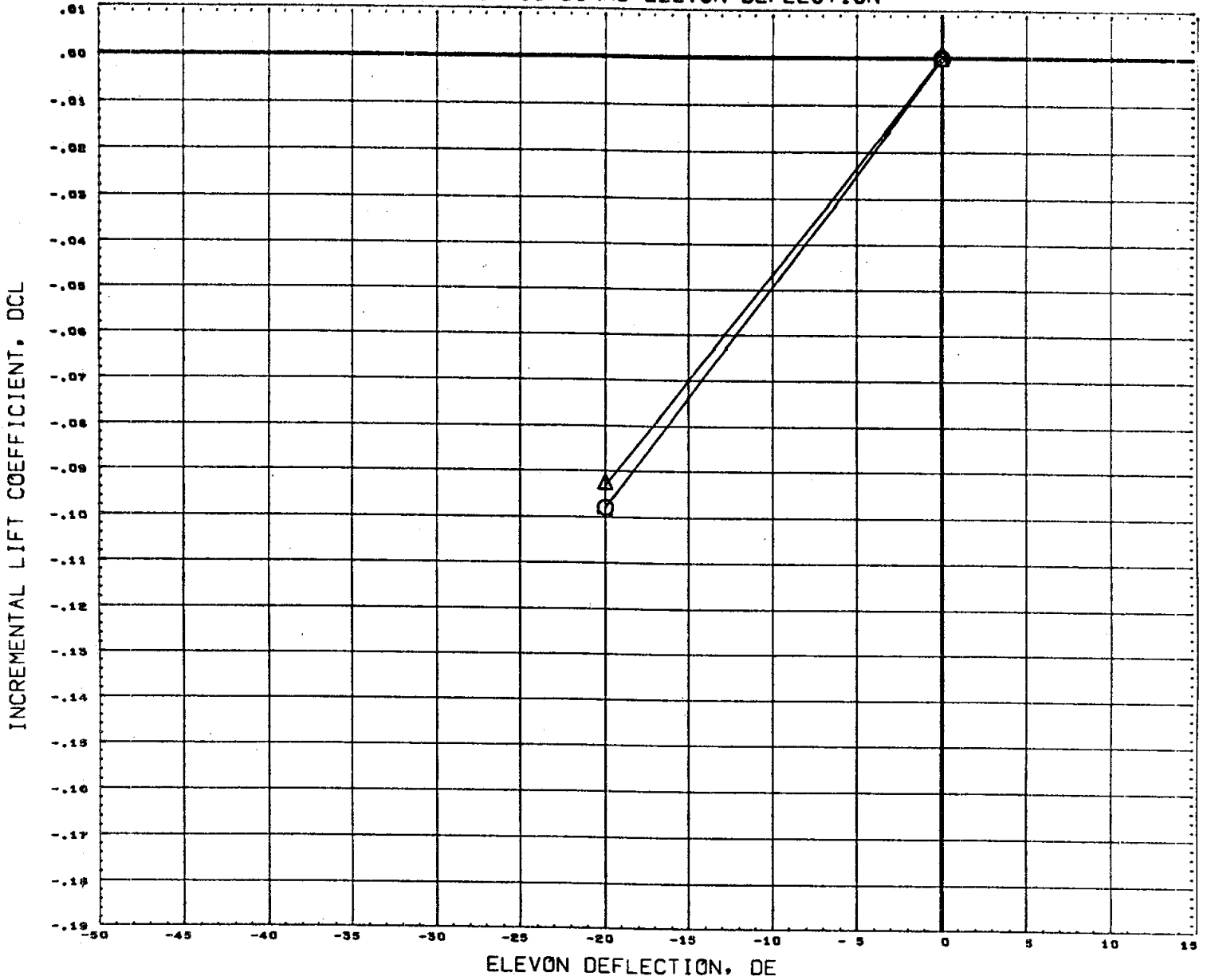
SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
○	30.000	MACH	0.600	BETA	0.000	SREF	7.4190	SQ. IN.
△	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	OBDELV	0.000	BREF	4.0300	IN.
		IBDELV	0.000	AILRON	0.000	XMRP	3.4330	IN.
		OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000	IN.
		DATA HIST. CODE	I+C*G1			ZMRP	0.0000	IN.
						SCALE	0.0040	

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
		MACH	BETA	RUDDER	OSDELV	SREF	SQ. IN.	
△	0.000	0.900	0.000	0.000	7.4190			
◇	10.000	3.000	0.000	0.000	2.1020	IN.		
□	20.000	10.000	0.000	0.000	4.0300	IN.		
		0.000	0.000	0.000	XMRP	3.4530	IN.	
		0.000	0.000	0.000	YMRP	0.0000	IN.	
		0.000	0.000	0.000	ZMRP	0.0000	IN.	
		DATA HIST. CODE	I*CGI		SCALE	0.0040		

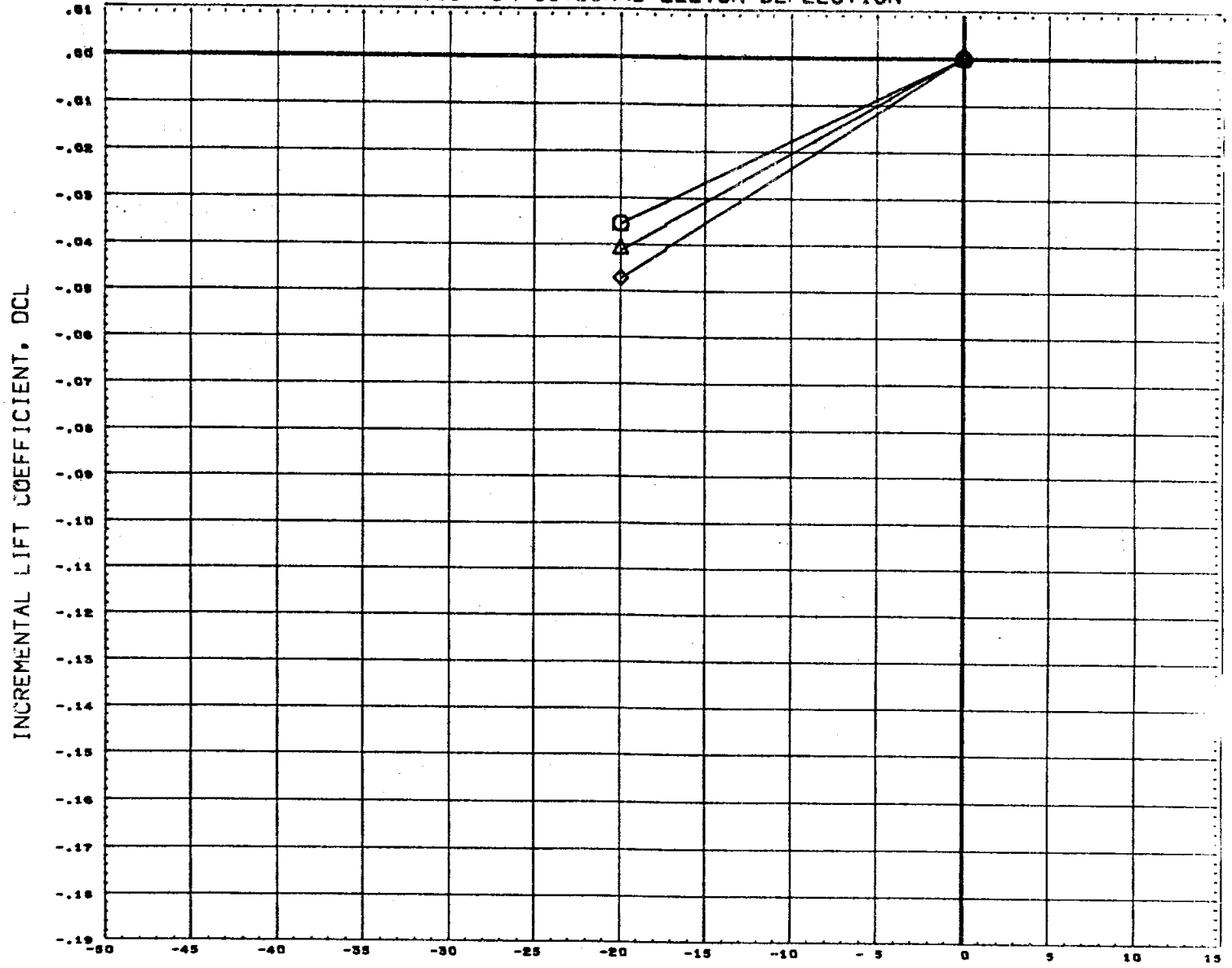
# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES			
○	30.000	MACH	0.900	BETA	0.000
△	40.000	CONFIG	3.000	RUDDER	0.000
		RUDFLR	10.000	OBDELV	0.000
		IBDELV	0.000	AILRON	0.000
		OBDAIL	0.000	IBDAIL	0.000
		DATA HIST. CODE	I*C*GI		

REFERENCE INFORMATION		
SREF	7.4190	SQ. IN.
LREF	2.1020	IN.
BREF	4.0300	IN.
XHRP	3.4530	IN.
YHRP	0.0000	IN.
ZHRP	0.0000	IN.
SCALE	0.0040	

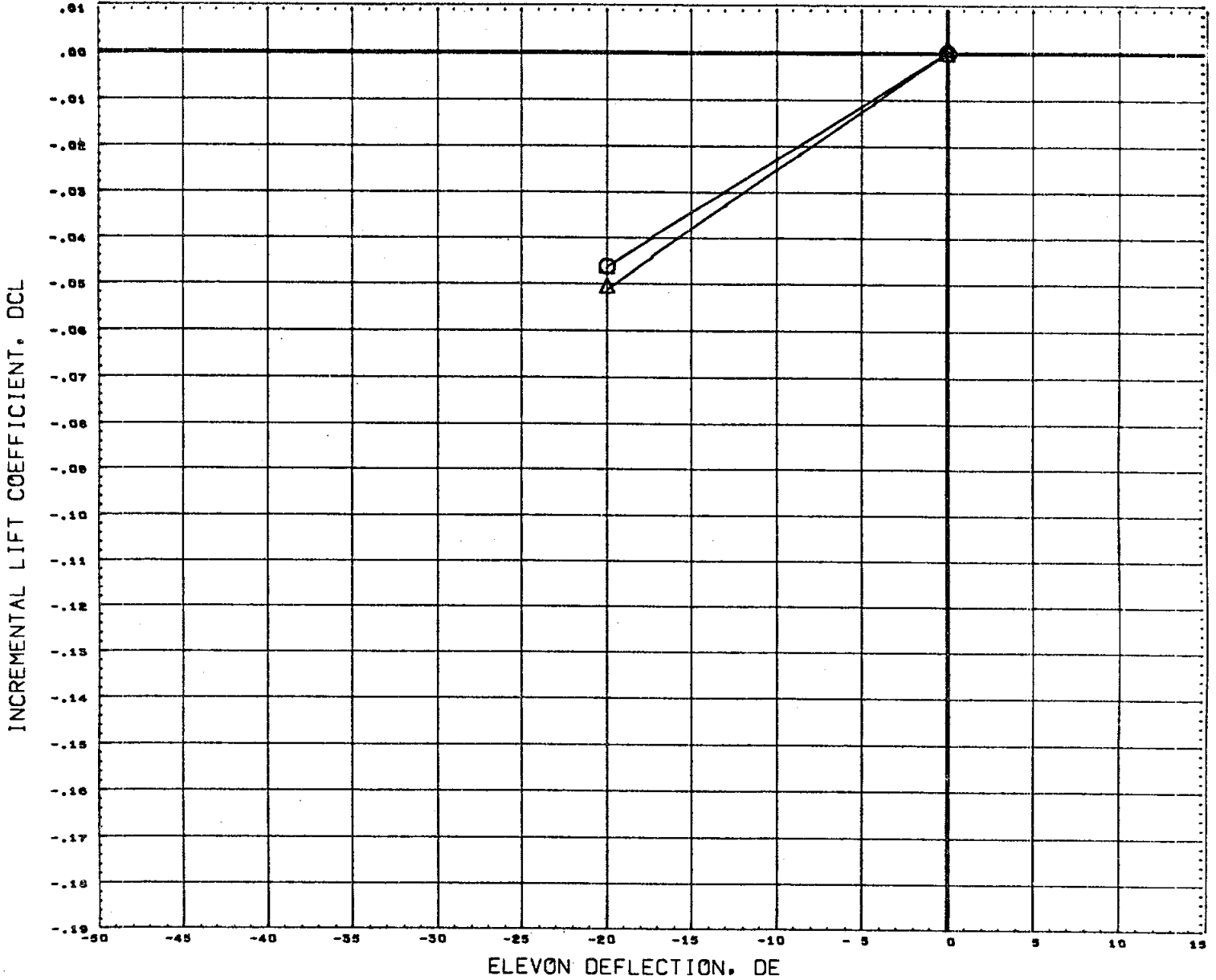
# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



ELEVON DEFLECTION, DE

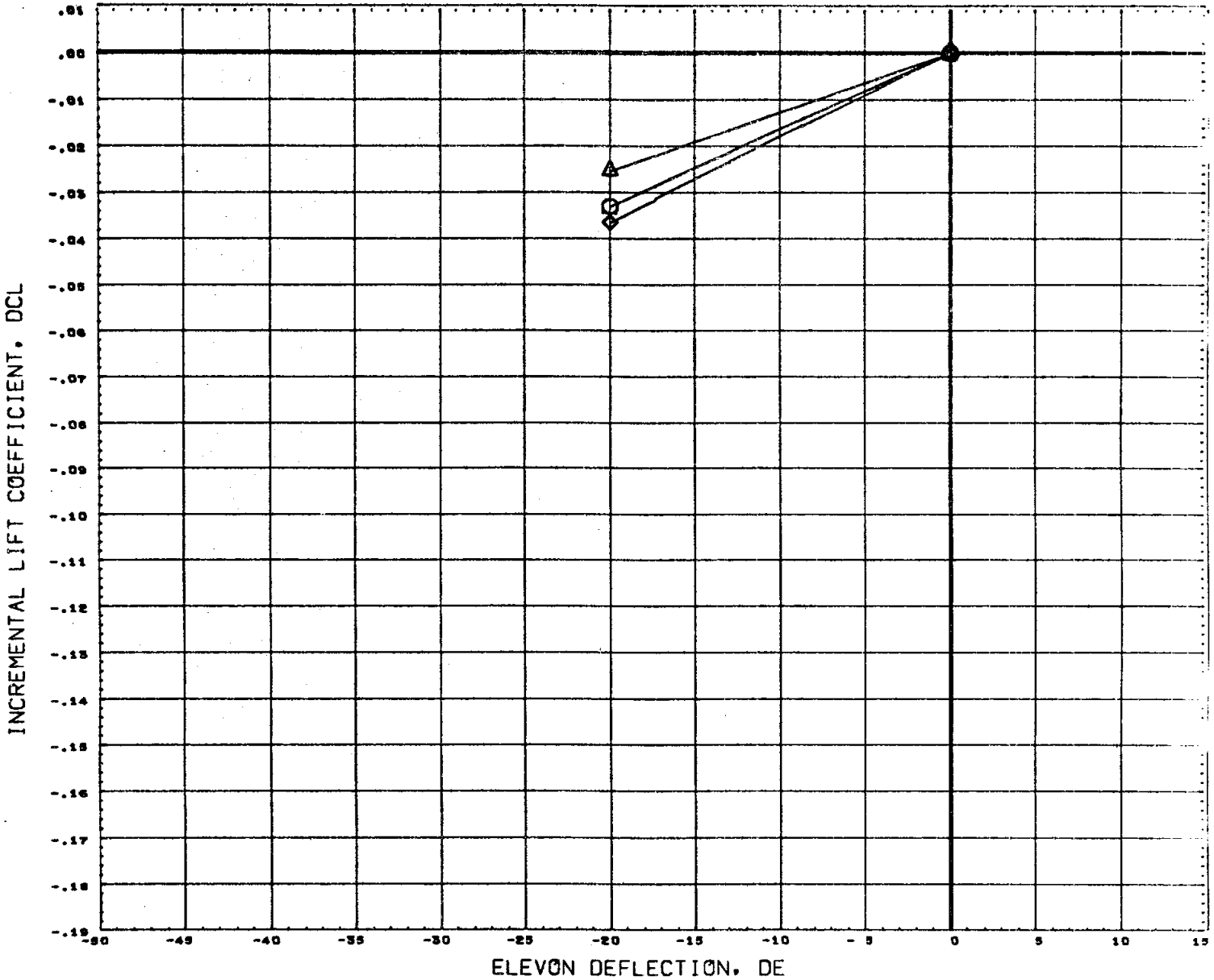
SYMBOL	○	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
	△	10.000	MACH	2.990	BETA	0.000	SREF	7.4190	50. IN.
	◇	20.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
			RUDFLR	10.000	OBDELV	0.000	BREF	4.0300	IN.
			IBDELV	0.000	AILRON	0.000	XMRP	3.4530	IN.
			OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000	IN.
			DATA HIST. CODE	I+C*6I			ZMRP	0.0000	IN.
							SCALE	0.0040	

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



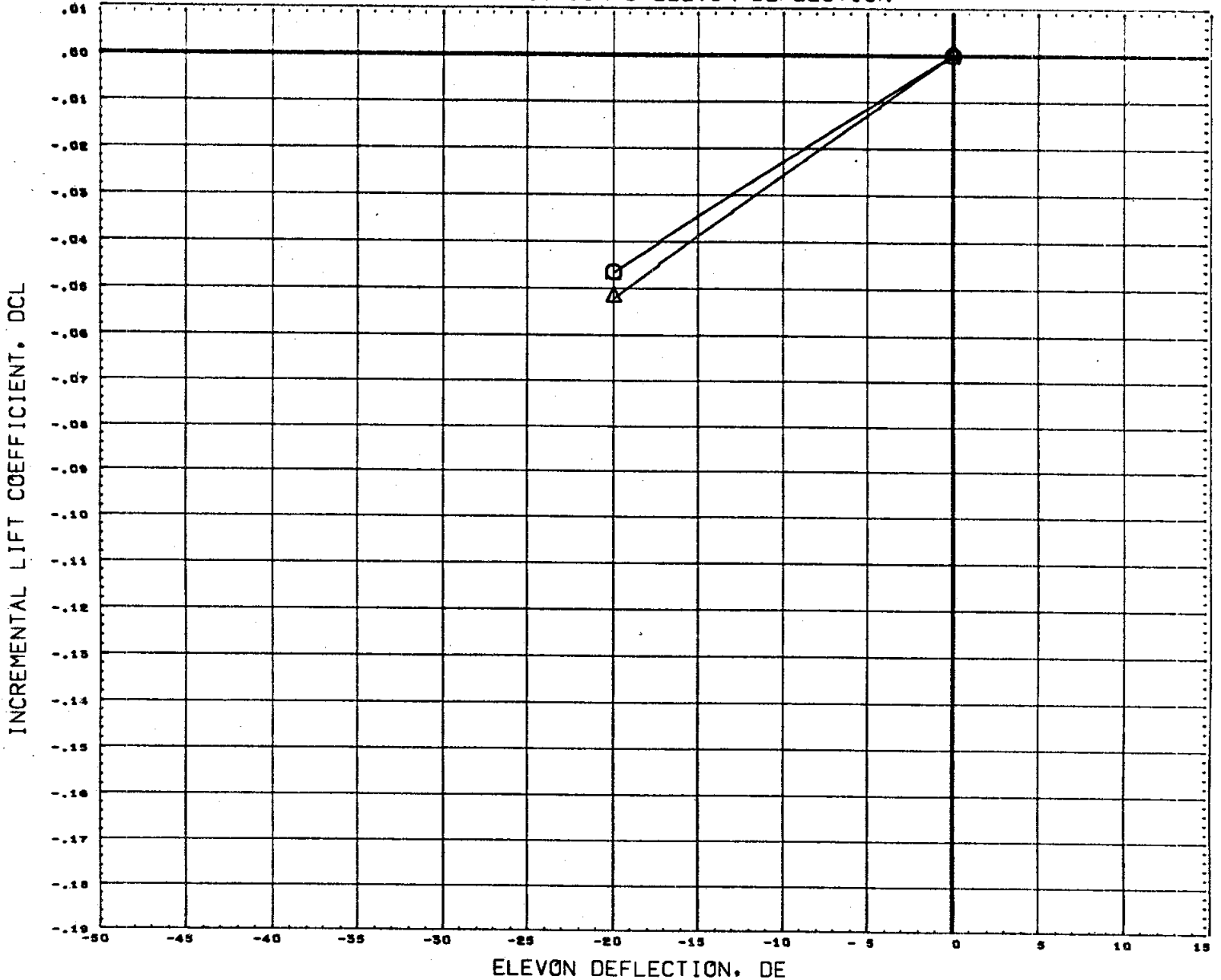
SYMBOL	PARAMETRIC VALUES				REFERENCE INFORMATION		
	ALPHA	MACH	BETA	BETA	SREF	LREF	SG. IN.
O Δ	30.000	2.990	0.000	0.000	7.4190	2.1020	IN.
	40.000	3.000	0.000	0.000	4.0300	3.4530	IN.
		10.000	0.000	0.000	0.0000	0.0000	IN.
		0.000	0.000	0.000	0.0000	0.0000	IN.
		0.000	0.000	0.000	ZMRP	0.0040	IN.
		DATA HIST. CODE	I+C*GI		SCALE		

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



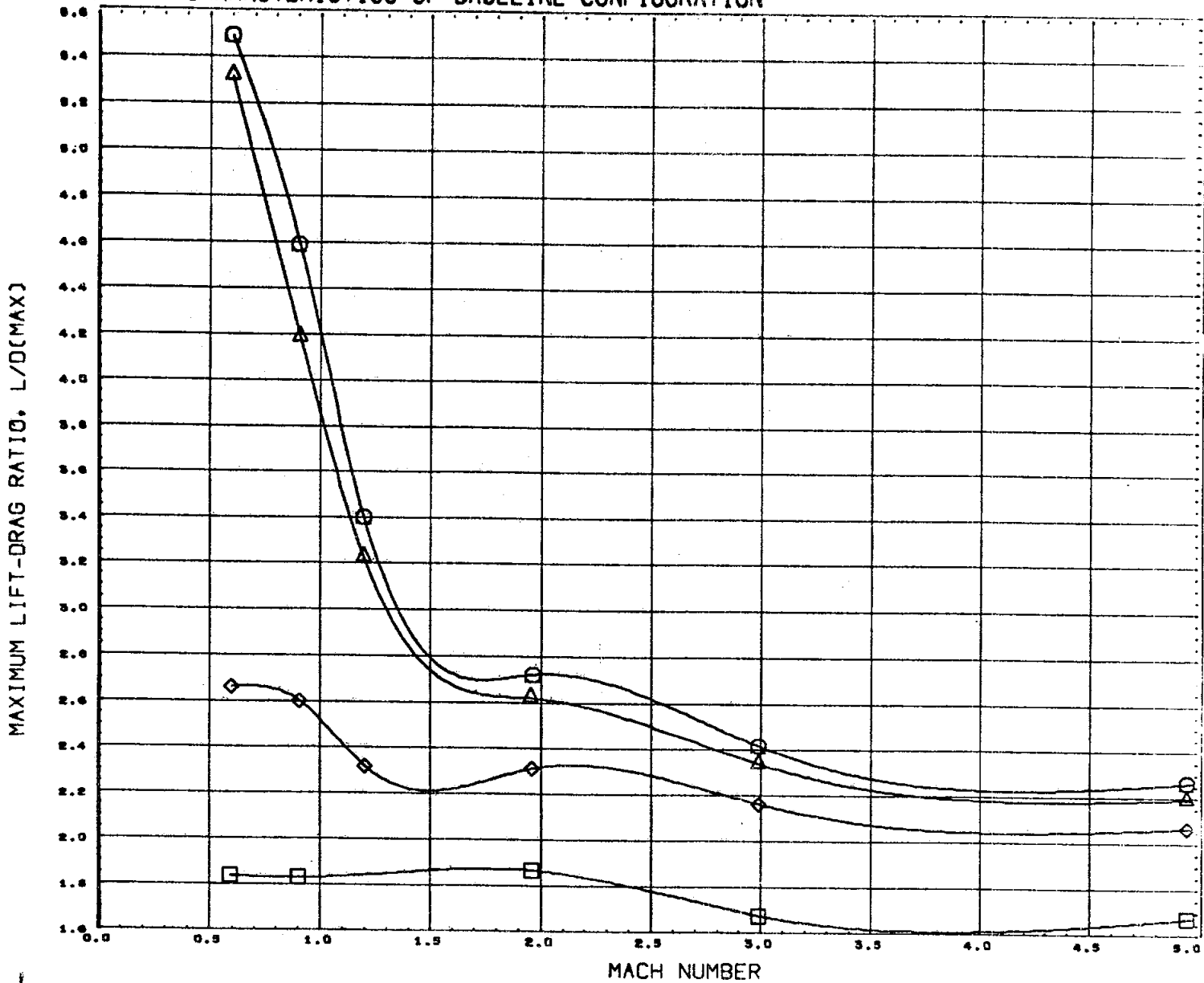
SYMBOL	PARAMETRIC VALUES				REFERENCE INFORMATION		
	ALPHA	MACH	CONFIG	BETA	SREF	LREF	sq. IN.
△	0.000	4.960	3.000	0.000	7.4190	2.1020	IN.
○	10.000	10.000	0.000	0.000	4.0300	3.4530	IN.
◇	20.000	0.000	0.000	0.000	0.0000	0.0000	IN.
		0.000	0.000	0.000	ZMRP	0.0040	IN.
		0.000	0.000		SCALE		
		DATA HIST. CODE	I*C*GI				

# INCREMENTAL CHARACTERISTICS FOR OUTBOARD ELEVON DEFLECTION



SYMBOL	ALPHA	PARAMETRIC VALUES				REFERENCE INFORMATION		
O Δ	30.000	MACH	4.960	BETA	0.000	SREF	7.4190	sq. IN.
	40.000	CONFIG	3.000	RUDDER	0.000	LREF	2.1020	IN.
		RUDFLR	10.000	OBDELV	0.000	BREF	4.0300	IN.
		IBDELV	0.000	AIRON	0.000	XMRP	3.4530	IN.
		OBDAIL	0.000	IBDAIL	0.000	YMRP	0.0000	IN.
		DATA HIST. CODE	I=C*GI			ZMRP	0.0000	IN.
						SCALE	0.0040	

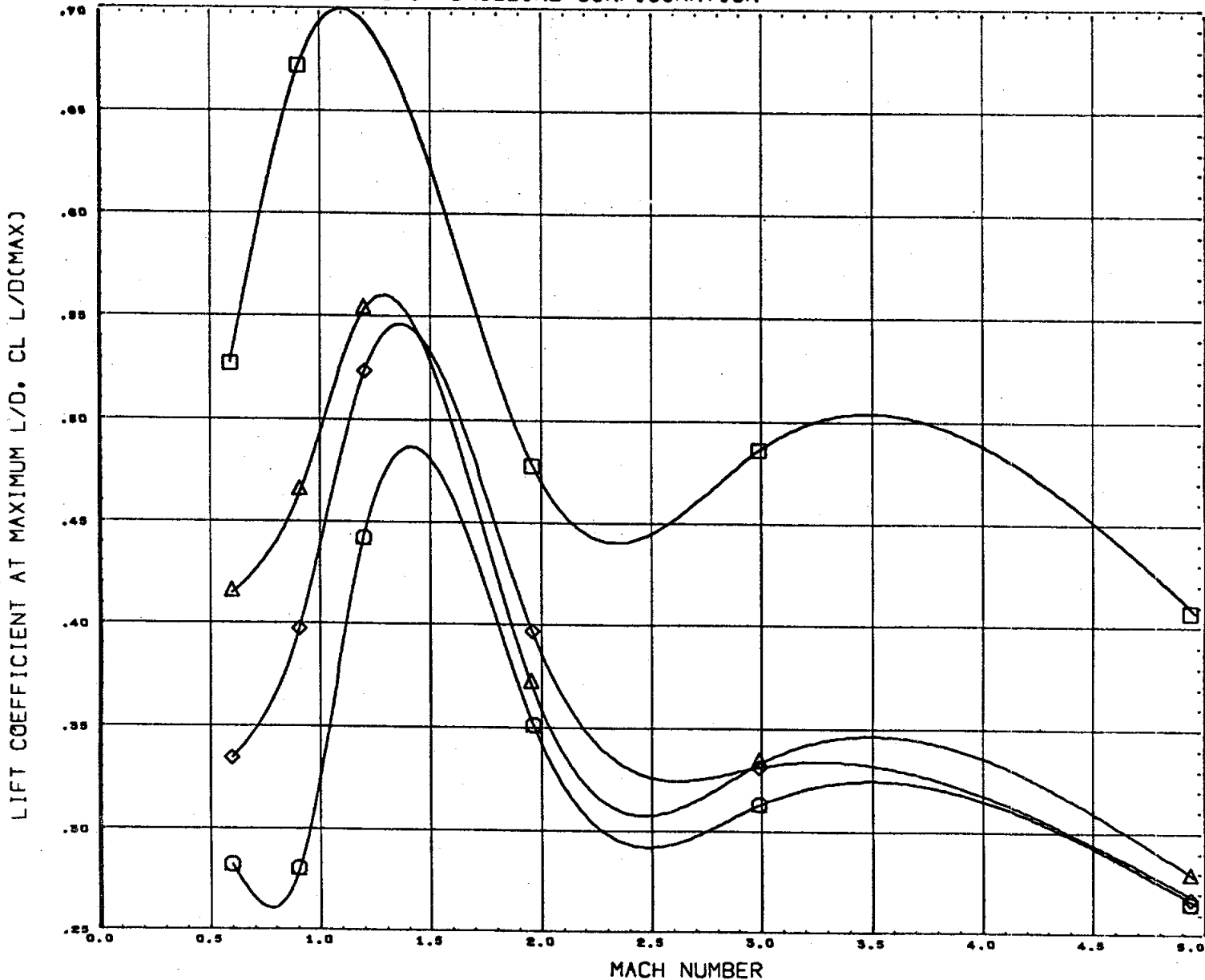
# SUMMARY CHARACTERISTICS OF BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	RUDFLR	REFERENCE INFORMATION
(676801)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 SQ. IN.
(676809)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	LREF 2.1020 IN.
(676811)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	BREF 4.0500 IN.
(676814)	M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	10.000	XMRP 3.4550 IN.
					YHRP 0.0000 IN.
					ZHRP 0.0000 IN.
					SCALE 0.0040



# SUMMARY CHARACTERISTICS OF BASELINE CONFIGURATION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	RUDFLR	REFERENCE INFORMATION
(G76S01)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	0.000	10.000	SREF 7.4190 Sq. IN.
(G76S09)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	10.000	10.000	LREF 2.1020 IN.
(G76S11)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-20.000	10.000	BREF 4.0300 IN.
(G76S14)	M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)	0.000	-40.000	10.000	XHRP 3.4530 IN.
					YHRP 0.0000 IN.
					ZHRP 0.0000 IN.
					SCALE 0.0040

A P P E N D I X

TABULATED SOURCE DATA LISTING

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Tabulations of the plotted data are available  
from SADSAC Operations on request.

MS55 (PAS) MAR ATP ORB (B1C1D1F1M1)

(R76101) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONF16 = 1.000

RUN NO. 54/ 0 RN/L = 4.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.897	.660	-.02060	.00820	.00790	.00400	-.00010	.00330	.03080	-.02070	.00300	-6.73170
.897	2.560	-.00970	.01260	.00670	.00450	-.00010	.00440	.02940	-.00990	.00390	-2.51090
.897	4.610	.00260	.01630	.00670	.00460	-.00050	.00370	.02970	.00250	.00390	.63620
.897	6.630	.01450	.01950	.00820	.00450	-.00050	.00370	.02910	.01400	.00530	2.61600
.897	8.650	.02630	.02550	.01010	.00470	-.00050	.00260	.02920	.02760	.00690	4.00360
.897	10.670	.04270	.02920	.01120	.00460	-.00060	.00140	.02980	.04170	.00930	4.47360
.897	12.710	.05630	.03170	.01110	.00420	-.00080	-.00020	.03030	.05500	.01210	4.54030
.897	14.690	.07280	.03630	.01150	.00400	-.00070	-.00310	.03280	.07130	.01540	4.62230
.897	16.780	.09090	.04000	.01100	.00360	-.00090	-.00600	.03520	.08880	.02040	4.34070
.897	18.780	.10700	.04410	.00970	.00360	-.00100	-.00960	.03750	.10450	.02510	4.15260
.897	20.680	.12520	.04750	.00770	.00360	-.00110	-.01230	.03680	.12150	.03270	3.71300
.897	10.670	.04090	.02920	.01120	.00420	-.00070	.00050	.03050	.04010	.00810	4.91460
GRADIENT		.00596	.00206	.00020	.00015	-.00010	.00010	-.00026	.00591	.00023	1.67160

RUN NO. 55/ 0 RN/L = 6.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.905	.660	-.02470	.00940	.00800	.00400	-.00020	.00760	.03370	-.02480	.00730	-3.39190
.905	2.560	-.01260	.01410	.00820	.00410	-.00030	.00730	.03400	-.01290	.00670	-1.91460
.905	4.630	.00140	.01930	.00950	.00430	-.00040	.00680	.03390	.00080	.00690	.12930
.905	6.670	.01520	.02410	.01020	.00440	-.00050	.00650	.03310	.01430	.00820	1.73400
.905	8.700	.03010	.02790	.01030	.00410	-.00060	.00620	.03270	.02880	.01070	2.69290
.905	10.740	.04630	.03240	.01120	.00400	-.00070	.00490	.03330	.04450	.01340	3.30900
.905	12.790	.06500	.03610	.01160	.00400	-.00080	.00250	.03530	.06280	.01680	3.72800
.905	14.810	.08270	.04230	.01080	.00380	-.00100	.00010	.03670	.07990	.02120	3.75630
.905	16.930	.10560	.04990	.01060	.00360	-.00110	-.00140	.03890	.10140	.02930	3.45440
.905	18.960	.12680	.05720	.01100	.00360	-.00120	-.00450	.04120	.12140	.03690	3.28440
.905	20.910	.14720	.06430	.00810	.00350	-.00130	-.00820	.04360	.14030	.04480	3.13130
.905	10.740	.04780	.03300	.01120	.00390	-.00080	.00420	.03380	.04610	.01310	3.51990
GRADIENT		.00656	.00249	.00036	.00006	-.00005	-.00020	.00005	.00645	-.00010	.88819

W955 (PAS) MAR ATP CR8 (B1C1D1P1M1)

(R76101) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BRFP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BRFP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIC = 1.000

RUN NO. 92/ 0 RN/L = 6.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.199	.640	-.01770	.00450	.00700	.00450	-.00020	.03420	.03850	-.01810	.03400	-.93290
1.199	2.590	-.00440	.00980	.00770	.00480	-.00030	.03340	.03860	-.00590	.03310	-.18000
1.199	4.630	.01150	.01480	.00870	.00490	-.00030	.03160	.04080	.00890	.03250	.27600
1.199	6.700	.02680	.01950	.00940	.00500	-.00050	.03020	.04230	.02310	.03310	.69790
1.199	8.750	.04390	.02500	.01030	.00510	-.00060	.02890	.04380	.03900	.03520	1.10490
1.199	10.810	.06300	.03080	.01150	.00470	-.00080	.02790	.04550	.05670	.03930	1.44310
1.199	12.880	.08420	.03660	.01310	.00450	-.00110	.02640	.04810	.07620	.04450	1.71140
1.199	14.930	.10720	.04470	.01450	.00390	-.00130	.02500	.05090	.09720	.05180	1.87560
1.199	17.070	.13470	.05530	.01750	.00360	-.00140	.02320	.05210	.12190	.06180	1.97260
1.199	19.140	.16190	.06880	.01780	.00330	-.00120	.02180	.05190	.14540	.07350	1.97590
1.199	21.140	.19090	.07780	.01910	.00300	-.00120	.01960	.05210	.17100	.08720	1.95990
1.199	10.810	.06370	.03130	.01190	.00490	-.00080	.02750	.04680	.05740	.03900	1.47340
GRADIENT		.00732	.00258	.00043	.00010	-.00002	-.00065	.00058	.00677	-.00038	.20289

RUN NO. 96/ 0 RN/L = 7.02 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.960	.610	-.02020	-.01300	.00760	.00380	-.00030	.04340	.02000	-.02060	.04320	-.47860
1.960	2.570	-.00520	-.00620	.00840	.00380	-.00030	.04190	.01990	-.00710	.04160	-.17120
1.960	4.620	.00900	.00180	.00850	.00370	-.00030	.03920	.02230	.00580	.03980	.14690
1.960	6.710	.02580	.00880	.00980	.00370	-.00040	.03760	.02370	.02120	.04030	.52890
1.960	8.750	.04320	.01470	.01140	.00380	-.00050	.03610	.02500	.03920	.04260	.92080
1.960	10.830	.06890	.02020	.01310	.00380	-.00070	.03360	.02680	.06130	.04590	1.33450
1.960	12.930	.09560	.02580	.01560	.00340	-.00090	.03170	.02800	.08600	.05230	1.64250
1.960	15.000	.12180	.03070	.01730	.00290	-.00090	.02930	.02950	.11010	.05990	1.83760
1.960	17.150	.15270	.03750	.01890	.00230	-.00100	.02800	.03040	.13760	.07190	1.91400
1.960	19.210	.18100	.04700	.02020	.00120	-.00120	.02590	.03000	.16240	.08410	1.93010
1.960	21.190	.21000	.05580	.02200	.00070	-.00120	.02510	.02970	.18670	.09930	1.87840
1.960	10.830	.06960	.02100	.01380	.00370	-.00070	.03360	.02680	.06200	.04610	1.34550
GRADIENT		.00728	.00369	.00022	-.00003	.00000	-.00105	.00058	.00658	-.00065	.19598

M555 (FAS) NAR ATP CRB (BIC101FIM1)

(R76101) (03 NOV 72)

REFERENCE DATA

BREF = 7.4190 IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 1.000

RUN NO. 1/0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.640	-.02120	-.02210	.00560	.00250	-.00010	.04520	.01090	-.02170	.04490	-.48430
2.990	2.550	-.00620	-.01470	.00650	.00250	-.00020	.04160	.01100	-.00800	.04130	-.19460
2.990	4.600	.01050	-.00690	.00670	.00250	-.00010	.04050	.01120	.00720	.04130	.17590
2.990	6.650	.02650	-.00010	.00790	.00220	-.00010	.03810	.01160	.02190	.04090	.53640
2.990	8.670	.04720	.00530	.00880	.00220	-.00020	.03490	.01250	.04140	.04170	.99400
2.990	10.700	.06750	.01100	.00900	.00190	-.00040	.03210	.01320	.06040	.04410	1.37020
2.990	12.760	.09080	.02000	.01060	.00180	-.00050	.02970	.01360	.08180	.04890	1.66960
2.990	14.780	.11520	.02710	.01040	.00130	-.00080	.02760	.01390	.10430	.05610	1.85740
2.990	16.670	.14100	.03480	.01130	.00090	-.00070	.02610	.01400	.12730	.06590	1.93060
2.990	18.680	.16850	.04320	.01180	.00080	-.00070	.02500	.01410	.15110	.07810	1.93460
2.990	20.640	.19550	.05060	.01200	.00070	-.00080	.02390	.01430	.17420	.09190	1.89390
2.990	10.700	.06980	.01190	.00870	.00220	-.00040	.03160	.01370	.06270	.04410	1.42300
GRADIENT		.00801	.00384	.00028	.00000	.00000	-.00118	.00008	.00730	-.00090	.16689

RUN NO. 2/0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.660	-.02500	-.02490	.00560	.00200	.00050	.04230	.00270	-.02550	.04200	-.60820
4.959	2.550	-.01390	-.02020	.00490	.00180	.00060	.03860	.00290	-.01560	.03800	-.41200
4.959	4.590	.00080	-.01270	.00590	.00170	.00050	.03820	.00160	-.00220	.03820	-.05830
4.959	6.600	.01340	-.00950	.00530	.00140	.00040	.03590	.00220	.00920	.03720	.24870
4.959	8.620	.02950	-.00090	.00740	.00110	.00050	.03280	.00250	.02420	.03680	.65770
4.959	10.630	.04620	.00420	.00620	.00100	.00040	.02930	.00280	.04000	.03740	1.06970
4.959	12.660	.06470	.01440	.00770	.00120	.00050	.02740	.00300	.05710	.04090	1.39490
4.959	14.680	.08500	.02060	.00880	.00090	.00030	.02590	.00310	.07570	.04660	1.62320
4.959	16.740	.11010	.02590	.00750	.00040	.00030	.02520	.00320	.09620	.05580	1.73770
4.959	18.740	.13180	.03320	.00740	.00050	.00030	.02480	.00340	.11680	.06590	1.77180
4.959	20.670	.15640	.04000	.00670	.00050	.00030	.02470	.00340	.13760	.07830	1.75610
GRADIENT		.00657	.00311	.00008	-.00008	-.00000	-.00103	-.00028	.00594	-.00095	.14037

MS95 (FAS) NAR ATP ORB (B1C1D1F1M1)

(R76102) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 80. IN. YMRP = 3.4550 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 1.000

RUN NO. 64/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.897	21.260	.12760	.04550	-.00420	.00570	-.00140	-.01170	.03770	.12320	.03530	3.48230
.897	23.160	.14350	.05090	-.00700	.00680	-.00170	-.01420	.03920	.13940	.04410	3.15740
.897	25.210	.16530	.05380	-.01230	.00780	-.00190	-.01650	.04070	.15660	.05530	2.82750
.897	27.240	.18740	.05920	-.01470	.00920	-.00190	-.02140	.04470	.17650	.06660	2.64650
.897	29.260	.20710	.06290	-.01910	.01000	-.00210	-.02450	.04570	.19270	.07980	2.41410
.897	31.300	.23150	.06780	-.02040	.01050	-.00200	-.03180	.05100	.21440	.09310	2.30280
.897	33.330	.25640	.06960	-.02000	.01030	-.00190	-.03520	.05190	.23360	.11140	2.09570
.897	35.360	.27900	.07480	-.01540	.00980	-.00190	-.04080	.05500	.25110	.12810	1.95970
.897	37.430	.30820	.07780	-.01240	.00940	-.00160	-.04490	.05650	.27200	.15160	1.79570
.897	39.450	.33520	.08340	-.00480	.00810	-.00110	-.05090	.05950	.29120	.17370	1.67690
.897	41.400	.36350	.08460	.01410	.00620	-.00140	-.05420	.06030	.30850	.19960	1.54520
.897	31.290	.23070	.06700	-.02190	.01070	-.00200	-.03200	.05080	.21360	.09240	2.31290
GRADIENT		.01167	.00195	.00044	.00006	.00002	-.00222	.00120	.00929	.00801	-.09151

RUN NO. 65/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.900	21.480	.15630	.06800	-.00140	.00560	-.00140	-.00520	.04200	.14730	.05240	2.81130
.900	23.420	.17560	.07740	-.00190	.00630	-.00140	-.00920	.04460	.16480	.06130	2.68790
.900	25.510	.20430	.08730	-.00140	.00650	-.00150	-.01250	.04660	.18980	.07670	2.47530
.900	27.590	.23210	.09900	.00350	.00620	-.00180	-.01630	.04870	.21330	.09300	2.29250
.900	29.680	.26670	.11300	.01620	.00610	-.00230	-.01900	.05010	.24120	.11550	2.08820
.900	31.760	.30550	.12740	.02910	.00620	-.00260	-.02300	.05210	.27180	.14140	1.92280
.900	33.900	.35690	.14070	.04120	.00680	-.00240	-.02660	.05480	.31110	.17690	1.75800
.900	35.990	.41070	.14730	.04310	.00750	-.00200	-.02900	.05490	.34930	.21780	1.60340
.900	38.270	.50130	.16660	.07390	.00270	-.00230	-.03250	.05440	.41370	.28490	1.45200
.900	40.320	.53510	.18390	.08740	.00240	-.00260	-.03690	.05290	.43190	.31800	1.35790
.900	42.310	.56040	.20350	.09160	.00400	-.00270	-.04240	.06280	.44300	.34590	1.28050
.900	31.770	.30590	.12610	.02850	.00620	-.00260	-.02410	.05260	.27280	.14050	1.94110
GRADIENT		.02080	.00635	.00500	-.00014	-.00006	-.00169	.00077	.01543	.01488	-.07680

MS55 (PAS) NAR ATP ORB (BIC1D1F1M1)

(R76102) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BRZF = 7.4190 IN. XMRP = 3.4930 IN.  
 LREF = 8.1020 IN. YMRP = .0000 IN.  
 BRZF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 1.000

RUN NO. 9/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.360	.16960	.04930	.01360	.00030	-.00070	.02670	.01350	.16660	.09400	1.77430
2.990	23.310	.21900	.05620	.01250	.00030	-.00090	.02580	.01390	.19090	.11040	1.72660
2.990	25.360	.24910	.06620	.01270	.00070	-.00080	.02540	.01390	.21410	.12980	1.64980
2.990	27.440	.28190	.07400	.01090	.00030	-.00090	.02490	.01400	.23670	.15210	1.56940
2.990	29.490	.31340	.08290	.00970	.00030	-.00090	.02410	.01410	.26090	.17530	1.48840
2.990	31.550	.34620	.09210	.00960	.00060	-.00100	.02350	.01410	.28270	.20120	1.40470
2.990	33.600	.38110	.10060	.00840	.00080	-.00110	.02270	.01420	.30480	.22980	1.32600
2.990	35.660	.41470	.10830	.00720	.00010	-.00120	.02190	.01420	.32410	.25960	1.24830
2.990	37.760	.45120	.11610	.00600	.00000	-.00120	.02150	.01400	.34350	.29330	1.17090
2.990	39.790	.48620	.12370	.00490	-.00020	-.00130	.02100	.01380	.36010	.32740	1.09980
2.990	41.770	.51940	.13020	.00440	-.00040	-.00120	.02040	.01360	.37380	.36120	1.03470
GRADIENT		.01621	.00404	-.00047	-.00004	-.00003	-.00031	.00000	.01026	.01314	-.03747

RUN NO. 10/ 1 RN/L = 4.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.230	.16480	.04520	.00760	.00010	-.00030	.02780	.00290	.14350	.08560	1.67390
4.959	23.160	.19070	.05260	.00710	.00030	-.00050	.02780	.00300	.16440	.10060	1.63360
4.959	25.180	.21940	.06060	.00580	.00030	-.00020	.02890	.00190	.18620	.11960	1.55740
4.959	27.210	.24830	.06880	.00570	.00010	-.00070	.02890	.00240	.20750	.13930	1.48930
4.959	29.240	.27840	.07560	.00440	.00010	-.00060	.02830	.00260	.22910	.16070	1.42520
4.959	31.280	.31090	.08510	.00540	-.00010	-.00050	.02760	.00280	.25140	.18510	1.35800
4.959	33.330	.34580	.09170	.00410	-.00070	-.00070	.02780	.00280	.27360	.21330	1.28250
4.959	35.340	.37650	.10050	.00450	-.00040	-.00070	.02750	.00270	.29120	.24030	1.21170
4.959	37.410	.41230	.10720	.00320	-.00050	-.00080	.02720	.00280	.31090	.27210	1.14240
4.959	39.420	.44300	.11430	.00310	-.00060	-.00090	.02710	.00270	.32640	.30360	1.07510
4.959	41.370	.47670	.11890	.00180	-.00090	-.00080	.02690	.00260	.33990	.33530	1.01350
GRADIENT		.01562	.00375	-.00025	-.00006	-.00003	-.00007	.00000	.00995	.01245	-.03362

M555 (FAS) MAR ATP ORB (SICIDIFIM1)

(R76103) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 1.000

RUN NO. 205/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	41.950	.80560	.13040	.00400	-.00090	-.00090	.02090	.01240	.36470	.35110	1.03890
2.990	43.460	.53820	.13740	.00460	-.00100	-.00100	.02030	.01240	.37660	.36500	.97820
2.990	45.900	.57270	.14250	.00340	-.00100	-.00110	.01930	.01240	.36750	.42210	.91810
2.990	47.560	.60520	.14900	.00430	-.00070	-.00110	.01910	.01200	.39420	.45950	.85790
2.990	49.590	.65860	.15280	.00350	-.00100	-.00120	.01840	.01160	.39990	.49840	.80240
2.990	51.620	.66920	.15720	.00370	-.00110	-.00120	.01800	.01130	.40130	.53590	.74880
2.990	53.660	.70120	.16150	.00330	-.00080	-.00130	.01700	.01120	.40170	.57490	.69870
2.990	55.670	.73140	.16530	.00390	-.00070	-.00120	.01590	.01090	.39920	.61300	.65120
2.990	57.740	.76220	.16760	.00280	-.00090	-.00140	.01510	.01070	.39400	.65260	.60360
2.990	59.770	.78920	.17040	.00370	-.00090	-.00140	.01410	.01020	.38510	.68890	.55900
2.990	61.670	.81110	.17160	.00300	-.00090	-.00140	.01300	.01000	.37340	.72020	.51650
GRADIENT	.01531	.00204	-.00005	.00000	-.00002	-.00038	-.00013	-.00013	.00049	.01855	-.02574

RUN NO. 206/ 0 RN/L = 4.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	41.250	.48450	.11960	.00360	-.00070	-.00100	.02850	.00140	.33030	.32770	1.00780
4.959	43.170	.49790	.12620	.00460	-.00050	-.00100	.02820	.00170	.34370	.36130	.95130
4.959	45.200	.53030	.13230	.00500	-.00050	-.00110	.02770	.00180	.35400	.39580	.89440
4.959	47.240	.56570	.13730	.00540	-.00070	-.00110	.02690	.00160	.36420	.43380	.83990
4.959	49.280	.59890	.14240	.00480	-.00050	-.00130	.02630	.00140	.36940	.46960	.78660
4.959	51.280	.62940	.14650	.00520	-.00060	-.00120	.02560	.00120	.37360	.50710	.73670
4.959	53.300	.66210	.15020	.00510	-.00050	-.00130	.02500	.00100	.37560	.54590	.68810
4.959	55.310	.69190	.15160	.00560	-.00080	-.00140	.02430	.00080	.37370	.58280	.64120
4.959	57.350	.72360	.15330	.00380	-.00080	-.00140	.02290	.00070	.37090	.62170	.59660
4.959	59.350	.75300	.15740	.00480	-.00060	-.00140	.02210	.00050	.36470	.65910	.55340
4.959	61.280	.77650	.15830	.00530	-.00040	-.00150	.02060	.00050	.35580	.69270	.51370
GRADIENT	.01975	.00189	.00003	-.00000	-.00000	-.00003	-.00038	-.00007	.00130	.01837	-.02461



NS55 (FA3) MAR ATP ORB (B1C1D1F1M1)

(R76104) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = .000 CONFIG = 1.000

RUN NO. 65/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.895	-10.060	-.01630	.00560	.05690	.02460	-.00200	.00510	.02910	-.01630	.00520	-3.52160
.895	-8.150	-.01660	.00610	.04430	.01960	-.00180	.00460	.02990	-.01660	.00490	-3.84320
.895	-6.090	-.01790	.00670	.03360	.01600	-.00130	.00500	.02990	-.01790	.00510	-3.48670
.895	-4.060	-.01930	.00920	.02170	.00990	-.00090	.00410	.03040	-.01930	.00420	-4.59260
.895	-2.030	-.01910	.00660	.01210	.00560	-.00070	.00470	.02940	-.01900	.00460	-3.97190
.895	.000	-.01930	.00900	.00250	.00060	-.00030	.00360	.03030	-.01920	.00370	-5.15570
.895	2.020	-.01670	.01030	-.00700	-.00430	.00020	.00200	.03140	-.01670	.00210	-7.95290
.895	4.050	-.01750	.01000	-.01730	-.00990	.00060	.00140	.03210	-.01750	.00150	.00000
.895	6.130	-.01730	.01040	-.02970	-.01410	.00110	.00120	.03310	-.01730	.00120	.00000
.895	8.140	-.01720	.01160	-.04190	-.01690	.00150	.00070	.03360	-.01720	.00080	.00000
.895	10.070	-.01670	.01140	-.05640	-.02530	.00170	.00070	.03410	-.01670	.00070	.00000
.895	.000	-.01630	.00940	.00230	.00060	-.00030	.00410	.02960	-.01630	.00420	-4.32730
GRADIENT		.00030	.00015	-.00479	-.00240	.00019	-.00040	.00027	.00029	-.00040	.25695

RUN NO. 66/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.900	-10.220	-.02290	.00790	.06720	.02710	-.00230	.00790	.03330	-.02290	.00600	-2.84620
.900	-8.270	-.02240	.01000	.05240	.02210	-.00190	.00690	.03250	-.02240	.00900	-2.46150
.900	-6.180	-.02100	.01040	.03730	.01620	-.00150	.00930	.03250	-.02100	.00940	-2.22390
.900	-4.120	-.02170	.01220	.02450	.01060	-.00090	.00900	.03220	-.02170	.00960	-2.36900
.900	-2.060	-.02230	.01250	.01310	.00540	-.00050	.00850	.03290	-.02230	.00660	-2.59990
.900	.000	-.02150	.01270	.00220	.00030	-.00020	.00720	.03290	-.02150	.00720	-2.95970
.900	2.050	-.02030	.01270	-.00860	-.00500	.00020	.00390	.03410	-.02030	.00600	-3.36360
.900	4.100	-.02000	.01270	-.02000	-.00960	.00070	.00460	.03590	-.02000	.00470	-4.23260
.900	6.210	-.01990	.01350	-.03290	-.01520	.00130	.00440	.03660	-.01990	.00440	-4.47440
.900	8.250	-.01960	.01230	-.04800	-.02050	.00170	.00490	.03670	-.01960	.00500	-3.92790
.900	10.250	-.01970	.01290	-.06510	-.02590	.00220	.00410	.03700	-.01970	.00410	-4.73990
.900	.000	-.02150	.01270	.00120	.00000	-.00020	.00820	.03240	-.02150	.00830	-2.58120
GRADIENT		.00026	.00006	-.00540	-.00251	.00019	-.00055	.00036	.00026	-.00054	-.21753

MS55 (PAS) WAR ATP CR6 (BIC101FIM1)

(R76104) ( 03 NOV 92 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = .000 CONFIG = 1.000

RUN NO. 87/ 0 RN/L = 6.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
1.199	-10.360	-.01560	-.00110	.07420	.03240	-.00230	.03700	.03960	-.01550	.03710	-.41990
1.199	-6.370	-.01600	.00070	.05580	.02590	-.00180	.03710	.03830	-.01590	.03720	-.42820
1.199	-6.290	-.01530	.00200	.03890	.01930	-.00130	.03720	.03720	-.01520	.03730	-.40750
1.199	-4.160	-.01570	.00420	.02420	.01280	-.00100	.03690	.03700	-.01560	.03700	-.42280
1.199	-2.060	-.01610	.00560	.01220	.00600	-.00050	.03540	.03770	-.01600	.03540	-.45210
1.199	.000	-.01560	.00930	.00100	.00000	-.00010	.03340	.03910	-.01550	.03350	-.46300
1.199	2.070	-.01900	.00590	-.01060	-.00630	.00030	.03130	.04180	-.01490	.03130	-.47780
1.199	4.150	-.01470	.00610	-.02330	-.01210	.00080	.03120	.04290	-.01460	.03130	-.46770
1.199	6.290	-.01360	.00530	-.03860	-.01880	.00130	.03090	.04420	-.01350	.03090	-.43850
1.199	8.350	-.01350	.00450	-.05650	-.02490	.00180	.03040	.04570	-.01340	.03040	-.44060
1.199	10.360	-.01230	.00330	-.07810	-.03130	.00240	.02980	.04750	-.01220	.02980	-.40940
1.199	.000	-.01560	.00390	.00080	-.00040	.00000	.03310	.03960	-.01550	.03320	-.46740
GRADIENT		.00015	.00020	-.00568	-.00299	.00021	-.00075	.00077	.00015	-.00075	-.00556

RUN NO. 99/ 0 RN/L = 7.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
1.959	-10.460	-.01420	-.01760	.09330	.03060	-.00250	.04330	.02350	-.01400	.04330	-.30930
1.959	-6.430	-.01400	-.01670	.06920	.02520	-.00200	.04490	.02250	-.01390	.04500	-.30930
1.959	-6.310	-.01460	-.01440	.04770	.01910	-.00140	.04490	.02130	-.01440	.04490	-.32140
1.959	-4.160	-.01430	-.01320	.02960	.01310	-.00090	.04410	.02050	-.01420	.04420	-.32160
1.959	-2.100	-.01920	-.01160	.01460	.00700	-.00040	.04340	.02000	-.01310	.04350	-.34700
1.959	.000	-.01570	-.01090	.00090	.00060	.00000	.04160	.02150	-.01560	.04160	-.37520
1.959	2.100	-.01440	-.01090	-.01300	-.00550	.00070	.04080	.02320	-.01420	.04080	-.34920
1.959	4.190	-.01390	-.01190	-.02840	-.01170	.00110	.04140	.02400	-.01380	.04140	-.33350
1.959	6.340	-.01240	-.01210	-.04650	-.01770	.00170	.04120	.02480	-.01230	.04120	-.29840
1.959	8.420	-.01180	-.01370	-.06970	-.02360	.00220	.04210	.02530	-.01160	.04220	-.27630
1.959	10.490	-.01100	-.01390	-.09430	-.02920	.00270	.04270	.02670	-.01090	.04280	-.25470
1.959	.000	-.01560	-.01090	.00000	.00010	.00010	.04050	.02200	-.01540	.04060	-.38040
GRADIENT		.00008	.00017	-.00687	-.00297	.00024	-.00036	.00049	.00008	-.00040	-.00124

MS55 (FAS) WAR ATP CRB (SIC101F3M1)

(R76105) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 10.000 CONFIG = 1.000

RUN NO. 49/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.596	-10.120	.05180	.03490	.08280	.02350	-.00320	.00000	.03230	.05090	.00960	5.26140
.596	-8.170	.05250	.03270	.06240	.02050	-.00290	.00090	.03110	.05140	.01070	4.80250
.596	-6.110	.05310	.03350	.04660	.01560	-.00210	.00200	.02990	.05180	.01180	4.37780
.596	-4.050	.05270	.03200	.02690	.01070	-.00160	.00170	.02980	.05150	.01150	4.47110
.596	-2.040	.05240	.03390	.01450	.00590	-.00080	.00050	.02990	.05130	.01020	5.02120
.596	-.010	.05480	.03670	.00340	.00190	-.00040	-.00050	.03120	.05390	.00960	5.61870
.596	2.020	.05380	.03480	-.01010	-.00350	.00020	.00000	.03030	.05290	.01000	5.29030
.596	4.050	.05620	.03570	-.02130	-.00740	.00080	-.00050	.03080	.05530	.00990	5.56350
.596	6.130	.05690	.03510	-.03630	-.01210	.00150	-.00040	.03080	.05600	.01010	5.53420
.596	8.150	.05600	.03610	-.05340	-.01730	.00210	-.00030	.03090	.05510	.01000	5.48090
.596	10.110	.05540	.03740	-.07330	-.02220	.00260	-.00020	.03360	.05490	.00810	6.73410
.596	.000	.05400	.03320	.00170	.00100	-.00050	.00040	.03020	.05300	.01040	5.08250
GRADIENT		.00041	.00041	-.00617	-.00225	.00029	-.00024	.00012	.00045	-.00017	.12101

RUN NO. 50/ 0 RN/L = 6.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.902	-10.340	.05000	.03910	.10170	.03000	-.00340	.00320	.03630	.04850	.01250	3.83700
.902	-8.340	.05140	.03750	.07840	.02370	-.00290	.00450	.03560	.04960	.01400	3.52700
.902	-6.230	.05300	.03750	.05320	.01750	-.00230	.00490	.03490	.05310	.01510	3.50090
.902	-4.130	.05460	.03510	.03590	.01200	-.00180	.00480	.03430	.05270	.01490	3.52270
.902	-2.080	.05620	.03750	.01690	.00670	-.00110	.00470	.03350	.05430	.01510	3.58310
.902	-.010	.05670	.03770	.00140	.00120	-.00040	.00300	.03480	.05520	.01350	4.06960
.902	2.070	.05720	.03820	-.01200	-.00390	.00030	.00260	.03510	.05570	.01330	4.18660
.902	4.110	.05630	.03740	-.02630	-.00880	.00100	.00290	.03470	.05470	.01340	4.06660
.902	6.230	.05590	.03760	-.04630	-.01430	.00170	.00340	.03400	.05430	.01360	3.92370
.902	8.290	.05460	.03910	-.07080	-.02050	.00230	.00200	.03740	.05330	.01210	4.37250
.902	10.300	.05210	.04280	-.09510	-.02680	.00290	.00010	.03900	.05110	.00980	5.17360
.902	-.010	.05510	.03820	.00210	.00130	-.00020	.00260	.03460	.05360	.01280	4.16080
GRADIENT		.00021	.00026	-.00743	-.00253	.00034	-.00029	.00012	.00026	-.00023	.08208

W55 (FAS) WAR ATP CRB (BIC1DIFIM)

(R76103) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONFIG = 1.000

RUN NO. 51/ 0 RN/L = 6.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.197	-10.490	.07490	.04230	.10990	.03310	-.00330	.02680	.04630	.06850	.04050	1.69210
1.197	-8.460	.07330	.04010	.08250	.02660	-.00290	.02850	.04520	.06660	.04180	1.59310
1.197	-6.320	.07260	.03740	.05830	.02000	-.00240	.02930	.04540	.06570	.04240	1.54930
1.197	-4.200	.07170	.03570	.03710	.01330	-.00180	.02880	.04590	.06500	.04180	1.55480
1.197	-2.110	.07160	.03470	.01860	.00740	-.00120	.02850	.04610	.06490	.04150	1.56490
1.197	-.010	.06920	.03600	.00160	.00160	-.00020	.02770	.04580	.06280	.04020	1.56090
1.197	2.100	.07070	.03680	-.01620	-.00460	.00050	.02760	.04610	.06420	.04040	1.58690
1.197	4.170	.07200	.03690	-.03420	-.01030	.00130	.02790	.04600	.06540	.04100	1.59560
1.197	6.320	.07410	.03990	-.05530	-.01710	.00190	.02800	.04710	.06750	.04150	1.62580
1.197	8.430	.07590	.04310	-.07950	-.02400	.00250	.02670	.04790	.06950	.04060	1.71240
1.197	10.440	.08000	.04650	-.10720	-.03040	.00300	.02450	.04900	.07390	.03920	1.88480
1.197	.000	.06900	.03560	.00000	.00110	-.00030	.02780	.04520	.06260	.04030	1.55350
GRADIENT		-.00001	.00022	-.00847	-.00283	.00038	-.00013	.00001	.00000	-.00013	.00495

RUN NO. 97/ 0 RN/L = 7.02 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.961	-10.530	.08900	.02180	.12700	.02650	-.00340	.03350	.02810	.08110	.04980	1.62810
1.961	-8.520	.08620	.02120	.09890	.02220	-.00280	.03330	.02840	.07840	.04900	1.60020
1.961	-6.370	.08490	.02070	.07100	.01720	-.00220	.03440	.02790	.07680	.04980	1.54270
1.961	-4.250	.08270	.02040	.04610	.01180	-.00170	.03370	.02790	.07480	.04870	1.53750
1.961	-2.130	.08030	.02040	.02400	.00650	-.00110	.03270	.02790	.07270	.04720	1.53860
1.961	-.010	.07920	.02240	.00260	.00100	-.00040	.03280	.02620	.07160	.04710	1.51980
1.961	2.120	.08130	.02300	-.01940	-.00440	.00060	.03350	.02560	.07350	.04820	1.52430
1.961	4.210	.08310	.02400	-.04120	-.00950	.00120	.03350	.02650	.07320	.04860	1.54060
1.961	6.380	.08800	.02420	-.06620	-.01500	.00160	.03430	.02610	.07990	.05030	1.58830
1.961	8.500	.09000	.02490	-.09600	-.02010	.00240	.03420	.02640	.08190	.05070	1.61670
1.961	10.560	.09430	.02550	-.12640	-.02510	.00310	.03360	.02700	.08620	.05090	1.69280
1.961	-.010	.07930	.02340	.00190	.00050	-.00020	.03280	.02610	.07170	.04720	1.51810
GRADIENT		.00008	.00046	-.01030	-.00253	.00035	.00002	-.00024	.00007	.00004	.00036

M355 (FAS) NAR ATP ORB (BIC1D1F1M1)

(R76105) (03 NOV 92)

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONFIG = 1.000

RUN NO. 4/0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.170	.08200	.00920	.11130	.02080	-.00340	.03640	.01350	.07380	.05110	1.44530
2.990	-8.220	.07890	.01000	.08920	.01670	-.00280	.03570	.01320	.07090	.04980	1.42350
2.990	-6.160	.07670	.01040	.08730	.01250	-.00220	.03450	.01350	.06890	.04810	1.43160
2.990	-4.100	.07320	.01120	.04410	.00840	-.00190	.03350	.01360	.06570	.04650	1.41240
2.990	-2.050	.07290	.01260	.02280	.00460	-.00080	.03190	.01350	.06570	.04490	1.46240
2.990	.000	.07180	.01270	.00260	.00050	-.00010	.03110	.01370	.06470	.04390	1.47400
2.990	2.040	.07280	.01220	-.01860	-.00390	.00060	.03160	.01340	.06560	.04450	1.47230
2.990	4.080	.07290	.01210	-.04150	-.00770	.00100	.03280	.01300	.06560	.04580	1.43110
2.990	6.170	.07650	.01340	-.06520	-.01170	.00190	.03380	.01260	.06890	.04740	1.45200
2.990	8.230	.07950	.01270	-.08870	-.01590	.00250	.03400	.01260	.07180	.04830	1.48700
2.990	10.210	.08310	.01200	-.11200	-.01990	.00310	.03490	.01270	.07520	.04980	1.50920
GRADIENT		-.00003	.00007	-.01040	-.00199	.00031	-.00008	-.00006	-.00001	-.00009	.00232

RUN NO. 3/0 RN/L = 4.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.020	.05720	.00310	.08400	.01510	-.00270	.03720	.00280	.04940	.04720	1.04650
4.959	-8.110	.05500	.00180	.06370	.01180	-.00220	.03520	.00290	.04760	.04480	1.06170
4.959	-6.070	.05450	.00490	.05140	.00860	-.00170	.03410	.00300	.04730	.04360	1.08510
4.959	-4.040	.05230	.00440	.03310	.00550	-.00120	.03190	.00320	.04550	.04100	1.10800
4.959	-2.020	.05250	.00770	.01870	.00290	-.00060	.02990	.00350	.04610	.03910	1.17900
4.959	.000	.05030	.00810	.00330	.00020	-.00010	.02880	.00320	.04430	.03760	1.17690
4.959	2.020	.05050	.00620	-.01540	-.00220	.00020	.03090	.00180	.04390	.03980	1.10430
4.959	4.020	.05270	.00720	-.03200	-.00480	.00100	.03210	.00220	.04580	.04130	1.11070
4.959	6.100	.05520	.00630	-.04850	-.00780	.00150	.03290	.00270	.04810	.04260	1.13040
4.959	8.110	.05700	.00330	-.06620	-.01110	.00200	.03340	.00280	.04980	.04330	1.14930
4.959	10.050	.05850	.00290	-.08340	-.01430	.00250	.03520	.00280	.05100	.04540	1.12330
4.959	.010	.05780	.00590	-.01740	.00230	.00070	.02940	.00300	.05140	.03960	1.29700
GRADIENT		-.00006	.00020	-.00815	-.00127	.00026	.00007	-.00018	-.00008	.00006	-.00343

NS59 (FAS) MAR ATP CRB (SIC1D1F1M1)

(RP6106) ( 03 NOV 72 )

REFERENCE DATA

SRP = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BRP = 4.0300 IN. YMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 1.000

RUN NO. 70/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.996	-10.140	.13920	.05650	.10160	.02420	-.00460	-.01300	.03920	.13470	.03770	3.57220
.996	-6.190	.13790	.05530	.07730	.01830	-.00400	-.01270	.03980	.13330	.03750	3.55440
.996	-6.120	.13890	.05330	.05510	.01290	-.00350	-.01190	.03960	.13400	.03660	3.46580
.996	-4.070	.13950	.05360	.03090	.00940	-.00270	-.01330	.04020	.13500	.03740	3.60290
.996	-2.020	.13790	.05170	.00330	.00600	-.00180	-.01530	.04050	.13430	.03510	3.82610
.996	.000	.13660	.05330	-.00540	.00120	-.00090	-.01650	.04100	.13530	.03420	3.95110
.996	2.030	.13660	.05180	-.01170	-.00400	.00000	-.01820	.04220	.13610	.03270	4.16040
.996	4.040	.14000	.05360	-.02530	-.00860	.00110	-.01670	.04090	.13670	.03450	3.96330
.996	6.140	.14250	.05490	-.04620	-.01140	.00200	-.01260	.03910	.13760	.03920	3.50820
.996	8.150	.14120	.05840	-.07420	-.01490	.00280	-.01320	.03940	.13660	.03820	3.57500
.996	10.100	.14320	.05920	-.09980	-.02010	.00370	-.01470	.03870	.13900	.03750	3.69760
.996	.000	.13670	.05210	-.00810	.00120	-.00080	-.01590	.04080	.13340	.03410	3.90960
GRADIENT		.00009	.00000	-.00639	-.00227	.00046	-.00048	.00015	.00026	-.00041	.05215

RUN NO. 80/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.903	-10.480	.17050	.07050	.15710	.03150	-.00620	-.01020	.04520	.16270	.05210	3.11810
.903	-6.480	.17180	.07430	.13400	.02470	-.00540	-.00980	.04500	.16370	.05310	3.08210
.903	-6.320	.16880	.07320	.09210	.01720	-.00440	-.00840	.04370	.16040	.05320	3.01000
.903	-4.180	.16550	.07320	.04620	.01190	-.00320	-.00900	.04480	.15760	.05130	3.06000
.903	-2.080	.16410	.07420	.01760	.00690	-.00200	-.00870	.04450	.15610	.05120	3.04710
.903	.000	.16390	.07150	-.00150	.00030	-.00100	-.01070	.04560	.15670	.04920	3.17980
.903	2.070	.16640	.07280	-.01590	-.00540	.00010	-.01160	.04710	.16120	.05010	3.21590
.903	4.130	.16650	.07380	-.03750	-.01090	.00130	-.00920	.04380	.15850	.05160	3.06820
.903	6.340	.16900	.07590	-.06400	-.01680	.00290	-.00850	.04260	.16060	.05320	3.01570
.903	8.490	.16910	.07260	-.14710	-.02460	.00460	-.01040	.04370	.15770	.05000	3.15070
.903	10.510	.17150	.07290	-.17690	-.03220	.00560	-.01160	.04410	.16400	.05120	3.19870
.903	.000	.16570	.07280	-.00150	.00010	-.00080	-.01110	.04590	.15840	.04960	3.19240
GRADIENT		.00030	.00018	-.00987	-.00279	.00053	-.00016	.00003	.00033	-.00004	.00896

W333 (PA3) NAR ATP ORB (BICIDIFIM)

(R76106) (03 NOV 72)

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 20.000 CONFIG = 1.000

RUN NO. 66/ 0 RN/L = 6.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.196	-10.620	.24290	.07550	.16240	.03030	-.00670	.01540	.05400	.22030	.10340	2.12940
1.196	-8.590	.23430	.07560	.14160	.02140	-.00610	.01740	.05160	.21160	.10210	2.07290
1.196	-6.430	.22370	.07690	.11540	.01320	-.00510	.01790	.05100	.20160	.09670	2.04280
1.196	-4.290	.21290	.08170	.07590	.00900	-.00380	.01880	.05070	.19130	.09540	2.00360
1.196	-2.120	.20640	.08430	.03600	.00500	-.00240	.01900	.05010	.18510	.09320	1.98500
1.196	-.010	.20290	.08650	.00710	-.00020	-.00100	.01840	.05020	.18210	.09140	1.99180
1.196	2.120	.20600	.08640	-.02680	-.00570	.00010	.01920	.04930	.18470	.09330	1.97940
1.196	4.250	.21470	.08650	-.06760	-.01000	.00160	.01920	.04960	.19270	.09640	1.99740
1.196	6.490	.22660	.08270	-.11340	-.01370	.00340	.01620	.05110	.20510	.09820	2.08650
1.196	8.560	.23920	.08190	-.15020	-.01910	.00470	.01400	.05220	.21740	.10080	2.15520
1.196	10.610	.24890	.08380	-.17290	-.02610	.00560	.01210	.05360	.22700	.10270	2.20910
1.196	.000	.20240	.08940	.00510	-.00090	-.00090	.01790	.05030	.18180	.09080	2.00260
GRADIENT		.00015	.00064	-.01661	-.00228	.00062	.00005	-.00014	.00011	.00010	-.00085

RUN NO. 96/ 0 RN/L = 7.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.957	-10.630	.25010	.04870	.16960	.02090	-.00580	.02370	.03130	.22380	.11400	1.96230
1.957	-8.620	.24480	.04860	.14450	.01570	-.00510	.02400	.03190	.21880	.11220	1.94910
1.957	-6.460	.23930	.04920	.11370	.01070	-.00420	.02390	.03220	.21380	.11010	1.94190
1.957	-4.310	.23240	.05020	.08000	.00650	-.00310	.02340	.03180	.20760	.10710	1.93840
1.957	-2.160	.22340	.05440	.04280	.00310	-.00180	.02290	.03120	.20120	.10400	1.93430
1.957	-.020	.22180	.05690	.00700	-.00010	-.00080	.02180	.03050	.19830	.10160	1.95180
1.957	2.120	.22420	.05880	-.02960	-.00350	.00030	.02210	.03040	.20040	.10290	1.94810
1.957	4.250	.23090	.05730	-.06650	-.00630	.00130	.02320	.03120	.20630	.10640	1.93830
1.957	6.460	.24060	.05550	-.10530	-.00980	.00240	.02310	.03190	.21530	.10990	1.95800
1.957	8.590	.24710	.05540	-.13870	-.01440	.00340	.02340	.03210	.22120	.11260	1.96370
1.957	10.660	.25420	.05620	-.16920	-.01950	.00450	.02230	.03210	.22810	.11430	1.99430
1.957	.000	.21930	.05780	.00440	-.00050	-.00060	.02060	.03040	.19630	.09950	1.97360
GRADIENT		-.00020	.00087	-.01707	-.00150	.00051	-.00006	-.00009	-.00016	-.00012	.00064

MS99 (FAS) NAR ATP CRB (BIC101F1M1)

(R78108) ( 03 NOV 92 )

REFERENCE DATA

PARAMETRIC DATA

SREF \* 7.4190 SQ. IN. YMRP = 3.4930 IN.  
 LREF \* 2.1020 IN. YMRP = .0000 IN.  
 BREF \* 4.0900 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 20.000 CONF16 = 1.000

RUN NO. 5/ 1 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.200	.21320	.04340	.12680	.01680	-.00400	.03160	.01280	.18750	.10630	1.76340
2.990	-8.240	.20920	.04640	.10490	.01290	-.00340	.02950	.01380	.18450	.10290	1.79280
2.990	-6.170	.20540	.04860	.08140	.00930	-.00280	.02740	.01440	.18170	.09960	1.82420
2.990	-4.110	.20270	.05030	.05500	.00590	-.00200	.02580	.01490	.17980	.09710	1.85180
2.990	-2.050	.19900	.05080	.02810	.00290	-.00110	.02420	.01450	.17690	.09430	1.87550
2.990	.000	.19650	.05070	.00250	-.00020	-.00090	.02340	.01440	.17670	.09340	1.89180
2.990	2.050	.19920	.05240	-.02300	-.00340	.00030	.02410	.01430	.17710	.09420	1.87690
2.990	4.110	.20110	.05160	-.05160	-.00640	.00100	.02480	.01430	.17870	.09560	1.86630
2.990	6.190	.20550	.04970	-.07780	-.00960	.00180	.02570	.01430	.18240	.09800	1.86000
2.990	8.240	.21050	.05000	-.10370	-.01270	.00250	.02730	.01420	.18650	.10140	1.84000
2.990	10.200	.21630	.04810	-.12730	-.01680	.00320	.02870	.01390	.19320	.10550	1.83050
GRADIENT		-.00018	.00020	-.01296	-.00150	.00036	-.00010	-.00003	-.00010	-.00015	.00179

RUN NO. 6/ 1 RN/L = 4.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.999	-10.020	.17490	.04090	.09390	.01100	-.00260	.03450	.00230	.15100	.09480	1.59200
4.999	-8.110	.17430	.04020	.07230	.00870	-.00220	.03200	.00270	.15130	.09220	1.63970
4.999	-6.060	.17040	.04120	.05230	.00630	-.00180	.02960	.00290	.14860	.08860	1.67710
4.999	-4.040	.16600	.04480	.03630	.00410	-.00110	.02780	.00310	.14700	.08590	1.71190
4.999	-2.020	.16620	.04520	.01860	.00180	-.00060	.02650	.00330	.14570	.08420	1.72950
4.999	.000	.16450	.04500	.00040	-.00030	-.00030	.02510	.00340	.14460	.08220	1.75800
4.999	2.040	.16800	.04650	-.01770	-.00230	.00020	.02530	.00330	.14790	.08370	1.76570
4.999	4.040	.16920	.04400	-.03340	-.00490	.00050	.02620	.00350	.14860	.08500	1.74890
4.999	6.100	.17260	.04440	-.05310	-.00700	.00110	.02770	.00350	.15130	.08760	1.72740
4.999	8.110	.17450	.04100	-.07350	-.00950	.00150	.02920	.00350	.15250	.08960	1.70080
4.999	10.040	.17830	.04000	-.09240	-.01170	.00200	.03120	.00330	.15530	.09290	1.67170
GRADIENT		.00021	-.00001	-.00889	-.00109	.00020	-.00020	.00004	.00027	-.00011	.00346



M555 (FAS) NAR ATP ORB (BIC101F1M1)

(RT6107) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 80. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 30.000 CONFIG = 1.000

RUN NO. 6/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.170	.36490	.08760	.12440	.01620	-.00360	.02660	.01400	.29690	.21370	1.38910
2.990	-8.210	.36080	.08820	.09710	.01300	-.00300	.02550	.01360	.29400	.21060	1.39620
2.990	-6.160	.35840	.09020	.07190	.01000	-.00250	.02400	.01380	.29280	.20810	1.40660
2.100	-4.100	.35560	.09140	.04690	.00650	-.00180	.02280	.01370	.29110	.20560	1.41570
2.990	-2.040	.35540	.09180	.02300	.00260	-.00130	.02190	.01390	.29130	.20470	1.42290
2.990	.000	.35230	.09400	.00010	-.00050	-.00090	.02150	.01380	.28890	.20270	1.42500
2.990	2.000	.35410	.09320	-.02470	-.00440	-.00050	.02130	.01370	.29050	.20360	1.42700
2.990	4.110	.35710	.09320	-.04800	-.00770	.00020	.02140	.01370	.29300	.20520	1.42810
2.990	6.180	.35850	.09250	-.07120	-.01140	.00060	.02240	.01320	.29370	.20680	1.42030
2.990	8.240	.36140	.09160	-.09640	-.01490	.00110	.02290	.01340	.29590	.20870	1.41760
2.990	10.210	.36750	.09090	-.12210	-.01800	.00180	.02430	.01350	.30030	.21320	1.40840
GRADIENT		.00008	.00024	-.01156	-.00172	.00023	-.00017	-.00001	.00015	-.00009	.00141

RUN NO. 7/ 0 RN/L = 4.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.010	.32630	.07850	.08800	.01020	-.00260	.03290	.00160	.26180	.19760	1.32480
4.959	-8.080	.32260	.07880	.06700	.00800	-.00230	.03120	.00180	.25940	.19420	1.33620
4.959	-6.060	.31810	.08190	.04870	.00580	-.00170	.02910	.00190	.25670	.19010	1.35050
4.959	-4.040	.31620	.08410	.03160	.00350	-.00140	.02850	.00200	.25540	.18860	1.35420
4.959	-2.010	.31730	.08480	.01390	.00110	-.00120	.02720	.00190	.25700	.18810	1.36630
4.959	.000	.31430	.08700	-.00080	-.00050	-.00070	.02670	.00180	.25470	.18610	1.36860
4.959	2.040	.31710	.08440	-.02010	-.00280	-.00050	.02680	.00160	.25700	.18760	1.37010
4.959	4.040	.31980	.08710	-.03440	-.00500	-.00030	.02670	.00160	.25940	.18900	1.37250
4.959	6.110	.32120	.08430	-.05260	-.00770	-.00010	.02740	.00140	.26030	.19030	1.36780
4.959	8.110	.32220	.08510	-.07080	-.00990	.00040	.02810	.00120	.26070	.19130	1.36250
4.959	10.050	.32690	.08310	-.08840	-.01180	.00070	.03010	.00110	.26370	.19550	1.34880
GRADIENT		.00035	.00028	-.00821	-.00103	.00014	-.00020	-.00005	.00040	.00001	.00200

M355 (FAS) NAR ATP CRB (81C1D1F1M1)

(R76108) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 50.000 CONF16 = 1.000

RUN NO. 204/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.090	.67610	.14910	.10170	.01070	-.00270	.01920	.01140	.40460	.34200	.74640
2.990	-8.150	.67640	.15110	.08020	.00820	-.00230	.01890	.01150	.40500	.34210	.74720
2.990	-6.120	.67360	.15210	.05670	.00560	-.00200	.01830	.01140	.40500	.34110	.74850
2.990	-4.060	.67490	.15430	.03610	.00330	-.00150	.01800	.01120	.40470	.34030	.74900
2.990	-2.020	.67360	.15420	.01690	.00080	-.00130	.01800	.01070	.40410	.33950	.74900
2.990	.010	.67460	.15440	-.00290	-.00190	-.00110	.01730	.01140	.40530	.33980	.75070
2.990	2.050	.67630	.15360	-.02460	-.00430	-.00080	.01690	.01200	.40660	.34090	.75160
2.990	4.060	.67660	.15350	-.04590	-.00680	-.00050	.01670	.01240	.40800	.34240	.75210
2.990	6.140	.68020	.15230	-.06880	-.00950	-.00030	.01680	.01170	.40900	.34380	.75200
2.990	8.170	.68060	.15140	-.09080	-.01250	.00010	.01700	.01180	.40910	.34440	.75160
2.990	10.130	.68180	.15050	-.11360	-.01510	.00040	.01710	.01190	.40970	.34520	.75150
GRADIENT		.00050	-.00011	-.01032	-.00125	.00012	-.00016	.00016	.00045	.00029	.00043

RUN NO. 203/ 0 RN/L = 4.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.000	.64080	.14280	.08660	.00820	-.00190	.02950	.00080	.37750	.51820	.72850
4.959	-8.080	.63890	.14260	.06730	.00620	-.00160	.02810	.00090	.37770	.51610	.73170
4.959	-6.060	.63960	.14410	.04960	.00430	-.00130	.02710	.00100	.37890	.51600	.73420
4.959	-4.030	.63860	.14410	.03200	.00250	-.00140	.02720	.00090	.37830	.51550	.73390
4.959	-2.010	.63930	.14370	.01490	.00060	-.00130	.02640	.00070	.37920	.51540	.73580
4.959	.000	.63970	.14320	-.00210	-.00080	-.00140	.02580	.00120	.37990	.51530	.73730
4.959	2.020	.64050	.14410	-.02080	-.00280	-.00120	.02510	.00160	.38090	.51550	.73890
4.959	4.020	.64080	.14460	-.03790	-.00450	-.00100	.02500	.00170	.38120	.51570	.73930
4.959	6.070	.64270	.14460	-.05550	-.00630	-.00070	.02490	.00160	.38250	.51710	.73970
4.959	8.070	.64490	.14360	-.07370	-.00830	-.00030	.02530	.00140	.38350	.51910	.73880
4.959	10.030	.64510	.14070	-.09360	-.01050	-.00010	.02560	.00130	.38350	.51940	.73830
GRADIENT		.00026	-.00003	-.00872	-.00086	.00005	-.00028	.00012	.00037	.00002	.00069

M555(PA3) NAR ATP ORB (BIC101FIM1)(WIE1)

(R76201) ( 03 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BRFP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AIRLON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 80/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.596	.670	-.02160	.01760	.00670	.00290	-.00040	.01490	.02480	-.02200	.01470	-1.49550
.596	2.670	.06920	.01300	.00770	.00400	.00020	.01500	.02380	.06650	.01620	3.75610
.596	4.790	.16390	.00710	.00670	.00410	.00000	.01040	.02390	.16240	.02400	6.74860
.596	6.890	.26030	-.00030	.00370	.00450	.00060	.00400	.02370	.25800	.03520	7.31220
.596	9.000	.37170	-.01370	.00270	.00470	.00110	-.00060	.02400	.36720	.05740	6.36820
.596	11.100	.47310	-.02490	-.00130	.00450	.00060	-.00310	.02430	.46480	.08600	5.27710
.596	13.210	.58560	-.03640	-.00360	.00480	-.00010	-.00600	.02600	.57170	.12800	4.46340
.596	15.290	.67190	-.03860	-.00330	.00440	.00050	-.00760	.02950	.65020	.16980	3.62860
.596	17.440	.76370	-.04270	-.00640	.00410	.00150	-.00950	.03350	.73150	.21990	3.32640
.596	19.510	.84160	-.04160	-.00730	.00340	-.00030	-.01230	.04150	.79750	.26920	2.96210
.596	21.480	.87420	-.03290	-.01000	.00500	-.00270	-.01180	.04770	.81780	.30920	2.64450
.596	11.120	.46530	-.02450	-.00220	.00450	.00090	-.00310	.02470	.47680	.09050	5.26350
GRADIENT		.04507	-.00260	-.00049	.00029	.00010	-.00110	-.00022	.04475	.00226	1.99511

RUN NO. 59/ 0 RN/L = 6.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.905	.640	-.05990	.04540	.01280	.00290	-.00150	.02330	.02410	-.06010	.02260	-2.65380
.905	2.720	.04300	.03790	.01000	.00320	-.00150	.02210	.02310	.04190	.02410	1.73510
.905	4.940	.16570	.02270	.00650	.00350	-.00080	.01610	.02320	.16370	.03030	5.39620
.905	7.170	.29250	.00620	.00540	.00330	-.00060	.01400	.02360	.26650	.05050	5.71170
.905	9.370	.40550	-.00430	.00240	.00380	.00070	.01400	.02640	.39780	.07980	4.98110
.905	11.550	.51740	-.01930	-.00220	.00470	.00210	.01480	.02960	.50390	.11820	4.26050
.905	13.750	.62730	-.03500	-.00620	.00490	.00430	.01430	.03380	.60590	.16300	3.71530
.905	15.910	.73370	-.04410	-.01370	.00600	.00490	.01650	.03960	.70100	.21710	3.22860
.905	18.170	.83630	-.04320	-.01270	.00470	.00050	.01970	.04770	.79030	.28020	2.82020
.905	20.240	.86310	-.02910	-.00850	.00490	-.00710	.01830	.05650	.82400	.32340	2.54760
.905	22.270	.92590	-.02420	-.01480	.00540	-.00180	.01220	.06360	.85220	.36230	2.35200
.905	11.560	.52120	-.01840	-.00220	.00430	.00180	.01670	.02950	.50730	.12100	4.19260
GRADIENT		.05250	-.00530	-.00147	.00014	.00016	-.00169	-.00021	.05208	.00180	1.66960

MOSS (FAS) MAR ATP ORS (BICIDIFINI) (WIE1)

(R76201) ( 03 NOV 72 )

REFERENCE DATA

SREP = 7.4190 SQ. IN. XMRP = 3.4330 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 SREP = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 98/ 0 RN/L = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.195	.790	.01370	.02670	.00730	.00350	-.00040	.04560	.04370	.01310	.04560	.28710
1.195	2.900	.13860	-.00250	.00530	.00410	.00000	.04520	.04440	.13610	.05220	2.60720
1.195	5.150	.27510	-.03800	.00340	.00470	-.00020	.04520	.04320	.26990	.06970	3.87050
1.195	7.430	.40900	-.06510	-.00020	.00520	.00010	.04560	.04130	.39970	.09810	4.07160
1.195	9.880	.53840	-.09010	-.00510	.00590	.00010	.04570	.04170	.52310	.13560	3.85710
1.195	11.930	.66780	-.11410	-.00800	.00600	-.00020	.04630	.04230	.64360	.18340	3.30790
1.195	14.220	.79680	-.13250	-.01000	.00610	.00010	.04710	.04540	.76080	.24140	3.15100
1.195	16.420	.89210	-.13760	-.01340	.00630	.00250	.04760	.04900	.84230	.29790	2.82730
1.195	18.700	1.00310	-.14840	-.01670	.00570	.00190	.04700	.05390	.93700	.36680	2.55380
1.195	20.870	1.09970	-.15390	-.01830	.00540	-.00030	.04530	.05550	1.01130	.43420	2.32880
1.195	22.950	1.18020	-.14900	-.01930	.00560	.00060	.04140	.05910	1.05220	.49060	2.14450
1.195	11.940	.67250	-.11410	-.00770	.00580	-.00010	.04620	.04270	.64830	.18440	3.51430
	GRADIENT	.05919	-.01384	-.00095	.00028	.00019	-.00019	.00033	.05829	.00303	1.09957

RUN NO. 98/ 0 RN/L = 7.02 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.961	.730	.02800	-.01750	.00780	.00380	-.00090	.05710	.02330	.02730	.05750	.47540
1.961	2.790	.10790	-.03090	.00620	.00400	-.00120	.05590	.02500	.10510	.06110	1.72040
1.961	5.000	.19080	-.04460	.00440	.00440	-.00130	.05580	.02540	.18520	.07220	2.56310
1.961	7.180	.27050	-.05690	.00210	.00480	-.00110	.05590	.02580	.26140	.08930	2.92490
1.961	9.360	.34840	-.06990	.00040	.00510	-.00070	.05570	.02550	.33470	.11160	2.99800
1.961	11.530	.42680	-.08230	-.00130	.00530	-.00040	.05560	.02500	.40700	.13980	2.91000
1.961	13.740	.50850	-.09210	-.00260	.00570	-.00010	.05470	.02480	.47900	.17350	2.75970
1.961	15.900	.58230	-.10130	-.00510	.00510	.00030	.05260	.02570	.54550	.21020	2.59540
1.961	18.160	.66300	-.10850	-.00890	.00480	.00120	.05020	.02600	.61430	.25450	2.41380
1.961	20.320	.73640	-.11110	-.00890	.00490	.00170	.04760	.02610	.67400	.30040	2.24360
1.961	22.410	.81140	-.11730	-.01000	.00450	.00360	.04480	.02750	.73300	.35080	2.08930
1.961	11.920	.41890	-.07810	-.00060	.00510	-.00060	.05490	.02540	.39950	.13750	2.90560
	GRADIENT	.03612	-.00634	-.00080	.00014	-.00009	-.00030	.00049	.03697	.00346	.48762

MS55 (FA3) MAR ATP ORB (BIC1DIF1M1) (M1E1)

(R76201) ( 03 NOV 72 )

REFERENCE DATA

GREP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 ISDELV = .000 AILRON = .000  
 CBDAIL = .000 ISDAIL = .000

RUN NO. 19/ 0 R/V/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.660	-.00130	-.02390	.00730	.00240	-.00090	.03930	.01230	-.00200	.05930	-.03420
2.990	2.630	.04860	-.02690	.00530	.00240	-.00060	.05610	.01290	.04590	.06020	.76270
2.990	4.690	.10290	-.03210	.00450	.00260	-.00070	.05780	.01290	.09780	.06600	1.46020
2.990	6.790	.15990	-.03370	.00300	.00290	-.00050	.05620	.01290	.15210	.07470	2.03560
2.990	8.640	.22020	-.04230	.00130	.00300	-.00030	.05440	.01320	.20920	.08760	2.36610
2.990	10.920	.28110	-.04820	.00010	.00310	-.00010	.05270	.01320	.26600	.10500	2.53190
2.990	13.020	.34800	-.05420	-.00120	.00320	.00020	.05160	.01320	.32540	.12830	2.53660
2.990	15.080	.41410	-.06130	-.00270	.00330	.00050	.05030	.01340	.38680	.15640	2.47290
2.990	17.210	.48900	-.06920	-.00510	.00330	.00080	.04880	.01340	.44890	.19010	2.36060
2.990	19.260	.55760	-.07320	-.00530	.00340	.00120	.04710	.01360	.51080	.22860	2.23420
2.990	21.260	.62990	-.08290	-.00560	.00310	.00150	.04580	.01390	.57030	.27110	2.10330
	GRADIENT	.02566	-.00203	-.00069	.00010	.00005	-.00037	.00010	.02477	.00167	.37557

RUN NO. 20/ 0 R/V/L = 4.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.660	-.02550	-.02270	.00450	.00160	-.00030	.05630	.00300	-.02620	.05600	-.46750
4.959	2.590	.01270	-.02650	.00280	.00160	-.00030	.05410	.00210	.01030	.05460	.18870
4.959	4.620	.05060	-.02770	.00210	.00180	-.00020	.05300	.00270	.04620	.05690	.61150
4.959	6.670	.09030	-.02690	.00090	.00160	.00000	.05130	.00310	.08370	.06150	1.36100
4.959	8.680	.13730	-.02990	.00080	.00190	.00040	.04880	.00330	.12830	.06900	1.86080
4.959	10.720	.18480	-.03410	.00010	.00190	.00050	.04730	.00340	.17270	.08090	2.13480
4.959	12.780	.23780	-.03470	-.00160	.00220	.00070	.04530	.00350	.22180	.09680	2.29020
4.959	14.800	.29230	-.04030	-.00340	.00230	.00080	.04430	.00360	.27120	.11760	2.30640
4.959	16.880	.35240	-.04450	-.00470	.00180	.00120	.04290	.00350	.32470	.14340	2.26350
4.959	18.890	.41170	-.04690	-.00700	.00270	.00180	.04250	.00330	.37570	.17350	2.16480
4.959	20.850	.47590	-.05620	-.00990	.00280	.00180	.04310	.00330	.42930	.20970	2.04650
	GRADIENT	.01921	-.00126	-.00060	.00005	.00003	-.00083	-.00007	.01628	.00024	.32284

NS55 (FAS) NAR ATP CRB (SICIDIFIM1) (WTE1)

(R76202) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBOELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 61/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.597	22.010	.86480	-.02850	-.02410	.00790	-.00270	-.01190	.04900	.80620	.31310	2.37430
.597	23.930	.89600	-.02610	-.02630	.00840	-.00110	-.01390	.05310	.82460	.35080	2.35060
.597	26.000	.94500	-.02730	-.02050	.00750	-.00240	-.01490	.05610	.85590	.40080	2.13510
.597	28.050	.99780	-.03260	-.00870	.00540	-.00790	-.01660	.06180	.88830	.45460	1.95390
.597	30.100	1.05230	-.04270	.00420	.00740	-.00970	-.01900	.06760	.91980	.51140	1.79860
.597	32.180	1.11800	-.05360	-.00880	.00980	-.00410	-.02280	.07020	.97520	.56680	1.66180
.597	34.290	1.21270	-.05740	-.02100	.01040	.00230	-.02640	.07280	1.01680	.66130	1.53730
.597	36.320	1.28470	-.05450	-.02870	.00960	.00380	-.03270	.07560	1.05440	.73470	1.43510
.597	38.460	1.34340	-.05200	-.02730	.00710	.00170	-.03880	.07860	1.07800	.80530	1.33600
.597	40.500	1.41720	-.05270	-.02260	.00590	.00130	-.04380	.08060	1.10610	.88700	1.24680
.597	42.500	1.47040	-.05310	-.02260	.00550	.00100	-.04900	.08100	1.11710	.95730	1.16690
.597	32.210	1.13660	-.05350	-.00930	.01000	-.00380	-.02360	.07070	.97590	.58690	1.66280
GRADIENT		.03108	-.00180	-.00029	-.00003	.00034	-.00184	.00163	.01663	.03215	-.06673

RUN NO. 62/ 0 RN/L = 6.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	22.810	.92290	-.01750	-.01830	.00730	-.00180	.01050	.06240	.84660	.36760	2.30260
.901	24.810	.99120	-.02250	-.01700	.00720	.00080	.00770	.06510	.89640	.42300	2.11920
.901	26.970	1.06360	-.03440	-.01760	.00770	.00240	.00570	.06770	.96310	.49660	1.93940
.901	29.170	1.18400	-.05260	-.02610	.00970	.00610	.00400	.07000	1.03180	.58070	1.77670
.901	31.320	1.27260	-.05390	-.03290	.01090	.00940	-.00050	.07140	1.08730	.66120	1.64440
.901	33.470	1.35100	-.05230	-.03650	.01240	.01020	-.00490	.07340	1.12970	.74090	1.52460
.901	35.650	1.43760	-.04620	-.02740	.00960	.00140	-.00890	.07650	1.17330	.83070	1.41240
.901	37.720	1.47660	-.03080	-.01840	.00570	-.00310	-.01670	.07710	1.17820	.89010	1.32350
.901	39.930	1.53580	-.03260	-.00940	.00320	-.00410	-.02060	.07800	1.19080	.97000	1.22760
.901	41.990	1.59150	-.03330	-.01860	.00340	-.00090	-.02620	.07670	1.20020	1.04540	1.14800
.901	44.000	1.64480	-.03220	-.02480	.00360	.00100	-.03360	.07670	1.20640	1.11850	1.07850
.901	33.470	1.35620	-.05260	-.03660	.01280	.01000	-.00570	.07380	1.13440	.74320	1.52630
GRADIENT		.03457	-.00026	.00003	-.00024	-.00016	-.00206	.00072	.01738	.03598	-.05654

M555 (FAS) MAR ATP CRB (BICIDIFINI) (WIE1)

(RYS202) ( 03 NOV 92 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 DREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 TSDDELV = .000 AILRON = .000  
 CBDAIL = .000 TSDAIL = .000

RUN NO. 11/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.780	.62240	-.06410	-.00640	.00330	.00140	.04500	.01400	.36120	.27280	2.05680
2.990	23.770	.69500	-.09180	-.00820	.00330	.00180	.04370	.01430	.61840	.32020	1.93130
2.990	25.690	.77450	-.10060	-.01130	.00360	.00200	.04290	.01440	.67800	.37690	1.79900
2.990	26.010	.85790	-.10980	-.01440	.00420	.00250	.04210	.01450	.73760	.44020	1.67550
2.990	30.090	.94520	-.11900	-.01720	.00470	.00290	.04190	.01460	.79670	.51030	1.56110
2.990	32.200	1.03020	-.12800	-.01940	.00490	.00320	.04150	.01460	.84950	.58410	1.45430
2.990	34.330	1.12080	-.13670	-.02160	.00500	.00360	.04060	.01470	.90250	.66880	1.35550
2.990	36.420	1.20990	-.14510	-.02430	.00540	.00400	.04040	.01480	.94940	.75100	1.26420
2.990	36.570	1.30200	-.15510	-.02780	.00530	.00390	.04030	.01400	.99270	.84350	1.17680
2.990	40.660	1.38810	-.16420	-.02990	.00530	.00390	.03940	.01430	1.02720	.93440	1.09920
2.990	42.680	1.46850	-.17200	-.03240	.00550	.00420	.03860	.01430	1.05330	1.02400	1.02860
	GRADIENT	.04095	-.00424	-.00126	.00012	.00014	-.00027	.00000	.02409	.03630	-.04916

RUN NO. 12/ 0 RN/L = 4.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.400	.50180	-.05750	-.00690	.00230	.00190	.04330	.00290	.45060	.22540	1.99900
4.959	23.350	.56970	-.06360	-.01010	.00220	.00220	.04550	.00330	.50500	.26760	1.88650
4.959	25.430	.64390	-.07060	-.01130	.00280	.00240	.04680	.00250	.56140	.31880	1.76070
4.959	27.480	.72180	-.08020	-.01540	.00310	.00240	.04710	.00300	.61860	.37490	1.64970
4.959	29.540	.80440	-.08780	-.01660	.00330	.00270	.04700	.00330	.67650	.43750	1.54610
4.959	31.600	.88730	-.09900	-.01840	.00360	.00290	.04800	.00330	.73050	.50590	1.44390
4.959	33.680	.97380	-.10780	-.01970	.00370	.00330	.04870	.00330	.78320	.58070	1.34860
4.959	35.720	1.05840	-.12070	-.02320	.00370	.00360	.04890	.00330	.83090	.65740	1.26370
4.959	37.830	1.14770	-.13080	-.02500	.00420	.00400	.04870	.00340	.87660	.74240	1.18070
4.959	39.860	1.23030	-.14320	-.02730	.00450	.00410	.04850	.00340	.91330	.82610	1.10550
4.959	41.840	1.31400	-.15720	-.03080	.00440	.00410	.04750	.00330	.94710	.91200	1.03850
	GRADIENT	.04007	-.00486	-.00105	.00011	.00012	.00018	.00003	.02474	.03383	-.04705

MS55 (FAS) WAR ATP CRB (BICIDIFSMI) (MIE1)

(R76203) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 200/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	42.020	1.42060	-.16350	.01240	-.00070	.00200	.03740	.01250	1.03610	.98420	1.05260
2.990	43.970	1.50380	-.16930	.01230	-.00060	.00190	.03670	.01280	1.05820	1.07190	.98720
2.990	46.030	1.56350	-.17460	.01150	-.00050	.00180	.03660	.01260	1.07260	1.16330	.92050
2.990	48.110	1.65620	-.18010	.01330	-.00080	.00180	.03630	.01290	1.07870	1.25720	.85790
2.990	50.160	1.72860	-.18620	.01420	-.00110	.00200	.03500	.01300	1.08040	1.35000	.80030
2.990	52.220	1.79420	-.19140	.01440	-.00100	.00230	.03390	.01310	1.07230	1.43890	.74520
2.990	54.270	1.85160	-.19250	.01530	-.00100	.00230	.03330	.01320	1.05420	1.52280	.69230
2.990	56.290	1.89950	-.19100	.01750	-.00110	.00160	.03260	.01300	1.02660	1.59840	.64240
2.990	58.370	1.94280	-.19020	.01770	-.00120	.00160	.03150	.01280	.99180	1.67080	.59360
2.990	60.390	1.98170	-.18840	.01930	-.00120	.00140	.03030	.01270	.95270	1.73800	.54810
2.990	62.340	2.01610	-.18940	.01920	-.00120	.00160	.02890	.01290	.91020	1.79920	.50580
GRADIENT		.02905	-.00125	.00040	-.00003	-.00002	-.00041	.00001	-.00633	.04054	-.02674

RUN NO. 199/ 0 RN/L = 4.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	41.520	1.29960	-.15230	.01330	-.00070	.00250	.04470	.00250	.94320	.89520	1.05370
4.959	43.440	1.37920	-.16230	.01370	-.00050	.00270	.04360	.00270	.97120	.98020	.99080
4.959	45.470	1.46330	-.17620	.01450	-.00080	.00250	.04290	.00290	.99530	1.07340	.92720
4.959	47.530	1.54710	-.18610	.01610	-.00120	.00240	.04240	.00300	1.01320	1.16990	.86600
4.959	49.570	1.62360	-.19380	.01710	-.00070	.00230	.04230	.00300	1.02070	1.26340	.80790
4.959	51.600	1.69450	-.20000	.01650	-.00090	.00190	.04170	.00300	1.01970	1.35390	.75310
4.959	53.630	1.76370	-.20720	.01660	-.00130	.00220	.04030	.00300	1.01320	1.44410	.70160
4.959	55.640	1.82790	-.21370	.01910	-.00120	.00260	.03940	.00300	.99900	1.53120	.65240
4.959	57.710	1.88950	-.21940	.02070	-.00100	.00280	.03970	.00180	.97570	1.61860	.60280
4.959	59.710	1.93470	-.22170	.01940	-.00130	.00280	.03820	.00220	.94270	1.68990	.55760
4.959	61.650	1.97670	-.21770	.02160	-.00120	.00290	.03660	.00240	.90600	1.75720	.51560
GRADIENT		.03407	-.00344	.00033	-.00003	.00002	-.00036	-.00003	-.00177	.04350	-.02662



MS55 (FAS) NAR ATP ORS (BIC1DIFIM1) (MEL)

(R76204) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 GREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBOELV = .000  
 IBOELV = .000 AILRON = .000  
 CBOAIL = .000 IBOAIL = .000

RUN NO. 76/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.999	-10.070	-.00740	.00960	.08960	.02260	-.00870	.01470	.02580	-.00740	.01470	-.50450
.999	-8.160	-.00400	.01190	.05620	.01810	-.00580	.01590	.02580	-.00400	.01590	-.25770
.999	-6.100	-.00210	.01330	.03860	.01330	-.00260	.01750	.02370	-.00200	.01750	-.11960
.999	-4.060	.00030	.01710	.02640	.00850	-.00010	.01670	.02430	.00050	.01670	.03520
.999	-2.030	.00810	.01790	.01200	.00420	.00180	.01590	.02430	.00810	.01590	.51340
.999	.000	.01130	.02020	.00000	.00000	.00450	.01480	.02530	.01130	.01480	.76720
.999	2.030	.01760	.02010	-.01360	-.00430	.00660	.01290	.02660	.01760	.01290	1.37770
.999	4.060	.02480	.01830	-.02700	-.00910	.00810	.01260	.02700	.02480	.01260	1.97320
.999	6.140	.02640	.01790	-.04130	-.01320	.01020	.01220	.02730	.02640	.01220	2.33020
.999	8.140	.03470	.01760	-.05610	-.01780	.01190	.01180	.02780	.03470	.01170	2.95300
.999	10.090	.03670	.01490	-.07130	-.02190	.01360	.01180	.02780	.03670	.01170	3.12570
.999	.000	.01010	.01940	-.00230	-.00030	.00490	.01450	.02490	.01010	.01450	.70060
	GRADIENT	.00287	.00023	-.00653	-.00215	.00105	-.00035	.00036	.00287	-.00035	.23351

RUN NO. 75/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.905	-10.240	-.04660	.02870	.07860	.02620	-.01080	.01900	.02680	-.04660	.01920	-2.42180
.905	-8.260	-.04020	.03310	.06030	.02040	-.00740	.02090	.02530	-.04010	.02100	-1.90600
.905	-6.190	-.03610	.03710	.04310	.01430	-.00420	.02290	.02350	-.03600	.02300	-1.56230
.905	-4.120	-.03510	.04130	.02860	.00930	-.00170	.02410	.02300	-.03510	.02420	-1.44650
.905	-2.060	-.02980	.04430	.01560	.00430	.00050	.02350	.02310	-.02970	.02360	-1.26040
.905	.000	-.02450	.04520	.00170	-.00050	.00270	.02340	.02260	-.02440	.02350	-1.04070
.905	2.060	-.01800	.04490	-.01170	-.00550	.00480	.01990	.02540	-.01790	.01990	-.90020
.905	4.100	-.01240	.04220	-.02520	-.01010	.00690	.01770	.02740	-.01240	.01780	-.69970
.905	6.230	-.00340	.03940	-.04210	-.01510	.00890	.01630	.02720	-.00340	.01840	-.48850
.905	8.260	-.00110	.03640	-.05710	-.02030	.01060	.01730	.02790	-.00110	.01730	-.06400
.905	10.250	.00290	.03190	-.07710	-.02550	.01320	.01640	.02790	.00300	.01640	.18340
.905	.000	-.02180	.04200	.00070	-.00090	.00300	.02310	.02200	-.02180	.02310	-.94310
	GRADIENT	.00278	.00012	-.00656	-.00236	.00105	-.00080	.00054	.00278	-.00080	.09017

M555 (FAS) NAR ATP ORB (SIC1DIFINI) (W1E1)

(R76204) ( 03 NOV 72 )

REFERENCE DATA

BREP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 SREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = .000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 74/ 0 RN/L = 6.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CLB	CAF	CAB	CL	CD	L/D
1.197	-10.370	-.01730	.02170	.06900	.02970	-.00660	.04940	.03940	-.01710	.04940	-.34740
1.197	-9.380	-.00430	.02320	.06390	.02320	-.00310	.04940	.03960	-.00420	.04940	-.08660
1.197	-8.250	.00780	.02490	.04910	.01680	-.00060	.04960	.03940	.00790	.04950	.16020
1.197	-4.190	.01500	.02590	.02700	.01070	.00170	.04960	.03930	.01510	.04960	.30490
1.197	-2.070	.02140	.02730	.01200	.00500	.00340	.04840	.04030	.02140	.04840	.44290
1.197	.010	.02740	.02670	-.00290	-.00050	.00430	.04650	.04190	.02740	.04650	.59040
1.197	2.090	.03330	.02610	-.01750	-.00570	.00330	.04410	.04450	.03330	.04410	.76090
1.197	4.200	.03960	.02330	-.03290	-.01130	.00580	.04260	.04600	.03960	.04260	.92690
1.197	6.310	.04400	.02100	-.05030	-.01690	.00710	.04250	.04680	.04400	.04250	1.03490
1.197	8.370	.04550	.01800	-.07040	-.02290	.00870	.04230	.04760	.04550	.04230	1.07610
1.197	10.410	.04320	.01430	-.09380	-.02910	.01120	.04210	.04770	.04320	.04210	1.02650
1.197	.010	.03030	.02560	-.00320	-.00050	.00410	.04650	.04200	.03030	.04650	.65270
GRADIENT		.00294	-.00031	-.00716	-.00262	.00046	-.00086	.00084	.00293	-.00086	.07489

RUN NO. 92/ 0 RN/L = 7.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CLB	CAF	CAB	CL	CD	L/D
1.957	-10.460	.01250	-.02010	.10470	.02630	-.01460	.05790	.02380	.01270	.05790	.21960
1.957	-8.460	.02340	-.01980	.07780	.02310	-.01170	.05780	.02340	.02550	.05770	.44260
1.957	-6.320	.03430	-.01920	.05460	.01740	-.00630	.05740	.02420	.03440	.05730	.60040
1.957	-4.190	.04350	-.01910	.03320	.01200	-.00520	.05700	.02420	.04350	.05690	.76490
1.957	-2.100	.04920	-.01990	.01510	.00640	-.00220	.05720	.02370	.04930	.05720	.86240
1.957	.000	.05280	-.02110	-.00130	.00050	.00100	.05650	.02510	.05290	.05640	.93690
1.957	2.100	.05370	-.02100	-.01740	-.00530	.00400	.05600	.02580	.05370	.05590	.99620
1.957	4.200	.05680	-.02180	-.03490	-.01060	.00700	.05630	.02580	.05680	.05630	1.00920
1.957	6.390	.05380	-.02130	-.05580	-.01600	.01030	.05610	.02610	.05380	.05610	.95920
1.957	8.460	.04930	-.02120	-.07960	-.02160	.01310	.05650	.02640	.04930	.05640	.87410
1.957	10.490	.04260	-.02220	-.10500	-.02700	.01560	.05630	.02710	.04270	.05620	.75870
1.957	.000	.09150	-.02060	-.00170	.00020	.00110	.05600	.02520	.05160	.05590	.92270
GRADIENT		.00158	-.00031	-.00804	-.00271	.00146	-.00012	.00025	.00157	-.00012	.02966

MS55 (PAS) NAR ATP ORB (SICIDIFIMI) (WIE1)

(R76205) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 GREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONFIC = 2.000  
 ELEVTR = .000 CBOELV = .000  
 IBDLV = .000 AILRON = .000  
 CSDAIL = .000 IBDAIL = .000

RUN NO. 46/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.001	-10.100	.51610	-.02650	.06390	.02600	.00570	-.00230	.02730	.50660	.09750	5.19520
.001	-8.150	.52260	-.02510	.04590	.02080	.00630	-.00100	.02490	.51290	.10010	5.12000
.001	-6.090	.53730	-.02580	.02810	.01520	.00610	-.00120	.02400	.52730	.10290	5.12050
.001	-4.020	.54240	-.02490	.01110	.00960	.00550	-.00130	.02280	.53230	.10390	5.12070
.001	-2.010	.55270	-.02460	-.00250	.00560	.00500	-.00210	.02380	.54260	.10520	5.13360
.001	.010	.55900	-.02430	-.01620	.00110	.00430	-.00390	.02390	.54910	.10460	5.23950
.001	2.050	.56530	-.02430	-.03000	-.00370	.00440	-.00520	.02460	.55560	.10480	5.29800
.001	4.080	.56850	-.02210	-.04130	-.00780	.00310	-.00670	.02610	.55890	.10390	5.37510
.001	6.160	.57200	-.02420	-.05600	-.01220	.00230	-.00560	.02470	.56220	.10580	5.31340
.001	8.150	.57770	-.02460	-.07080	-.01690	.00200	-.00770	.02730	.56810	.10480	5.41810
.001	10.090	.57620	-.02710	-.08720	-.02160	.00160	-.00770	.02790	.56660	.10460	5.41680
.001	.010	.56530	-.02230	-.01510	.00100	.00430	-.00410	.02420	.55530	.10390	5.24320
GRADIENT		.00320	.00029	-.00653	-.00218	-.00027	-.00069	.00037	.00327	-.00002	.03225

RUN NO. 47/ 0 RN/L = 6.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.903	-10.290	.59720	-.05760	.06260	.02940	-.00610	.01320	.02900	.56220	.13340	4.36190
.903	-8.290	.56250	-.03140	.04970	.02680	.00830	.01600	.02950	.54770	.12910	4.24240
.903	-6.180	.56660	-.02770	.02620	.02100	.01110	.01680	.03000	.55150	.13080	4.21640
.903	-4.110	.57220	-.02570	.01130	.01420	.00990	.01680	.02960	.55700	.13210	4.21630
.903	-2.030	.58200	-.02720	-.00410	.00820	.00870	.01640	.02960	.56660	.13380	4.23500
.903	.020	.58660	-.02500	-.01620	.00290	.00630	.01680	.03110	.57100	.13530	4.21990
.903	2.100	.59310	-.02550	-.03070	-.00260	.00370	.01470	.03270	.57780	.13480	4.26640
.903	4.150	.60070	-.02320	-.04250	-.00810	.00090	.01450	.03270	.58520	.13620	4.29530
.903	6.280	.59940	-.02780	-.05870	-.01390	-.00090	.01360	.03230	.58410	.13500	4.32630
.903	8.340	.59870	-.02900	-.07620	-.02030	-.00220	.01310	.03300	.58350	.13420	4.34610
.903	10.280	.58875	-.02650	-.09190	-.02730	-.00420	.01250	.03340	.57400	.13190	4.36500
.903	.020	.56700	-.02440	-.01710	.00260	.00620	.01640	.03110	.57150	.13500	4.23300
GRADIENT		.00330	.00015	-.00650	-.00268	-.00111	-.00031	.00045	.00327	.00045	.01015

M333 (FAS) NAR ATP CRB (BICIDIFIM1) (WIE1)

(R76203) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4930 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 DREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONF16 = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRCN = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 46/ 0 RN/L = 6.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.198	-10.400	.83170	-.11460	.07340	.03450	.00720	.04620	.04470	.62820	.17960	3.49670
1.198	-8.370	.87150	-.11440	.09010	.02790	.00850	.04610	.04430	.64740	.18410	3.51560
1.198	-6.240	.86380	-.11410	.03030	.02190	.00830	.04690	.04210	.65920	.18780	3.50940
1.198	-4.140	.89620	-.11700	.01010	.01530	.00640	.04790	.04090	.67100	.19170	3.49990
1.198	-2.090	.70620	-.11670	-.00500	.00940	.00450	.04770	.04190	.68080	.19390	3.51110
1.198	.030	.71740	-.11760	-.01930	.00350	.00320	.04820	.04230	.69150	.19690	3.51100
1.198	2.130	.72510	-.11860	-.03360	-.00230	.00130	.04740	.04350	.69920	.19790	3.53190
1.198	4.190	.72680	-.11930	-.04740	-.00810	-.00010	.04720	.04270	.70090	.19800	3.53820
1.198	6.330	.72810	-.11910	-.06340	-.01450	-.00270	.04580	.04390	.70240	.19710	3.56400
1.198	8.410	.72560	-.11940	-.08210	-.02120	-.00470	.04590	.04450	.69990	.19660	3.55960
1.198	10.430	.71780	-.11890	-.10430	-.02800	-.00500	.04610	.04500	.69230	.19490	3.55160
1.198	.030	.71700	-.11720	-.01990	.00340	.00250	.04620	.04180	.69110	.19680	3.51030
GRADIENT		.00369	-.00031	-.00689	-.00261	-.00076	-.00008	.00025	.00375	.00080	.00468

RUN NO. 94/ 0 RN/L = 7.02 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.961	-10.400	.41360	-.07850	.09490	.03000	-.00430	.05170	.02690	.39500	.13320	2.96390
1.961	-8.430	.42330	-.07990	.06910	.02540	-.00330	.05220	.02590	.40430	.13580	2.97690
1.961	-6.310	.43370	-.07990	.04430	.02000	-.00220	.05280	.02480	.41430	.13860	2.98990
1.961	-4.170	.45130	-.08320	.02390	.01410	-.00120	.05360	.02470	.43130	.14330	3.00920
1.961	-2.090	.45960	-.08350	.00650	.00820	-.00010	.05410	.02540	.43530	.14470	3.00720
1.961	.010	.46260	-.08410	-.01000	.00230	.00090	.05420	.02590	.44220	.14630	3.02070
1.961	2.130	.45850	-.08260	-.02670	-.00370	.00210	.05400	.02580	.43830	.14520	3.01840
1.961	4.210	.46020	-.08290	-.04270	-.00920	.00290	.05280	.02600	.44010	.14440	3.04710
1.961	6.380	.46240	-.08580	-.06180	-.01490	.00340	.05260	.02570	.44240	.14470	3.05610
1.961	8.470	.45740	-.08360	-.08470	-.02080	.00360	.05270	.02610	.43740	.14370	3.04270
1.961	10.500	.45230	-.08260	-.11010	-.02620	.00410	.05280	.02700	.43260	.14280	3.02950
1.961	.010	.45150	-.08210	-.01130	.00210	.00110	.05380	.02570	.43150	.14350	3.00700
GRADIENT		.00099	.00007	-.00793	-.00279	.00050	-.00008	.00014	.00098	.00013	.00414

MS55 (FA3) NAR ATP ORB (B1C1D1F1M1) (M1E1)

(R76205) (03 NOV 72)

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 10.000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 16/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.150	.27530	-.05080	.09030	.02440	-.00230	.05580	.01420	.25970	.10690	2.42940
2.990	-8.220	.28120	-.04960	.07000	.02030	-.00210	.05470	.01430	.26370	.10700	2.48270
2.990	-6.140	.28360	-.05020	.04700	.01950	-.00140	.05380	.01430	.26840	.10660	2.51830
2.990	-4.090	.28770	-.05110	.02730	.01100	-.00100	.05330	.01400	.27240	.10690	2.54660
2.990	-2.040	.29250	-.05020	.01030	.00630	-.00020	.05250	.01370	.27720	.10710	2.58880
2.990	.000	.29580	-.05040	-.00660	.00140	.00040	.05220	.01360	.27840	.10700	2.60090
2.990	2.050	.29630	-.05120	-.02290	-.00360	.00120	.05290	.01370	.28080	.10820	2.59560
2.990	4.120	.29770	-.05220	-.04120	-.00840	.00160	.05400	.01390	.28210	.10950	2.57590
2.990	6.170	.29830	-.05070	-.06020	-.01320	.00210	.05460	.01400	.27960	.10960	2.54910
2.990	8.210	.29490	-.05000	-.08110	-.01770	.00200	.05550	.01410	.27900	.11050	2.52490
2.990	10.180	.29290	-.05070	-.10270	-.02210	.00220	.05600	.01430	.27700	.11050	2.50490
GRADIENT		.00116	-.00016	-.00830	-.00237	.00032	.00009	-.00001	.00112	.00031	.00318

RUN NO. 17/ 0 RN/L = 4.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.020	.17450	-.02970	.07340	.01930	.00050	.05320	.00300	.16150	.08470	1.90680
4.959	-8.110	.17860	-.03020	.05790	.01580	.00070	.05210	.00330	.16380	.08440	1.96430
4.959	-6.070	.18320	-.03160	.04020	.01240	.00100	.05060	.00350	.17050	.08380	2.03510
4.959	-4.040	.18780	-.03280	.02470	.00850	.00080	.04860	.00370	.17540	.08280	2.11910
4.959	-2.020	.19200	-.03390	.00990	.00480	.00060	.04730	.00370	.17990	.08230	2.18600
4.959	.000	.19250	-.03450	-.00550	.00120	.00010	.04680	.00380	.18040	.08180	2.20450
4.959	2.020	.19810	-.03520	-.01920	-.00260	-.00030	.04730	.00380	.18580	.08340	2.22670
4.959	4.040	.19290	-.03510	-.03290	-.00670	-.00070	.04890	.00390	.18040	.08390	2.14870
4.959	6.110	.19370	-.03480	-.04890	-.01070	-.00090	.05060	.00390	.18090	.08570	2.10900
4.959	8.110	.19000	-.03450	-.06350	-.01410	-.00080	.05130	.00400	.17710	.08580	2.06430
4.959	10.080	.19140	-.03290	-.08040	-.01760	-.00080	.05280	.00400	.17820	.08750	2.03580
GRADIENT		.00081	-.00019	-.00714	-.00187	-.00019	.00003	.00002	.00079	.00016	.00495

M555 (FAS) MAR ATP ORB (BICIDIFIM1) (MIE1)

(R76206) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 8.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 ISDELV = .000 AILRON = .000  
 CBDAIL = .000 ISDAIL = .000

RUN NO. 71/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.596	-10.100	.87850	-.02930	.05900	.02970	-.00540	-.01620	.04360	.82210	.31010	2.65040
.596	-8.160	.88130	-.02810	.04310	.02410	-.00670	-.01620	.04510	.82460	.31120	2.64940
.596	-6.120	.88410	-.02600	.02670	.01800	-.00730	-.01540	.04650	.82690	.31310	2.64090
.596	-4.050	.87690	-.02400	.00660	.01340	-.00660	-.01440	.04820	.81990	.31130	2.63330
.596	-2.010	.87870	-.02090	-.01400	.01000	-.00650	-.01620	.05070	.82220	.31040	2.64830
.596	.010	.87150	-.01640	-.02880	.00590	-.00420	-.01930	.05460	.81660	.30460	2.67920
.596	2.040	.87340	-.01480	-.03770	.00090	-.00180	-.01650	.05210	.81740	.30820	2.65230
.596	4.060	.87160	-.01560	-.03040	-.00520	.00070	-.01580	.05020	.81550	.30800	2.64710
.596	6.160	.87550	-.01630	-.06880	-.00930	.00070	-.01550	.04640	.81890	.30990	2.64240
.596	8.170	.87680	-.01810	-.08790	-.01530	.00130	-.01750	.04750	.82090	.30850	2.66100
.596	10.120	.89160	-.01870	-.10690	-.02230	.00510	-.01880	.04500	.83310	.31290	2.66830
.596	.020	.87090	-.01640	-.02960	.00580	-.00450	-.01660	.05240	.81510	.30710	2.65400
GRADIENT		-.00078	.00113	-.00679	-.00228	.00097	-.00015	.00027	-.00067	-.00043	.00156

RUN NO. 72/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.904	-10.330	.90630	-.02130	.08320	.03910	.01320	.00770	.05970	.83440	.35390	2.35750
.904	-8.350	.92380	-.01960	.06270	.03080	.00960	.00940	.05880	.84980	.36250	2.34390
.904	-6.200	.94720	-.02110	.03340	.02080	.00540	.00960	.06050	.87090	.37230	2.33880
.904	-4.110	.95140	-.02170	.01350	.01370	.00190	.00820	.06280	.87530	.37290	2.34710
.904	-2.030	.95240	-.01760	-.00740	.00870	.00070	.00780	.06530	.87640	.37300	2.34930
.904	.030	.95080	-.01380	-.02460	.00350	.00030	.00870	.06470	.87450	.37320	2.34310
.904	2.110	.96180	-.01250	-.03940	-.00290	.00000	.00930	.06350	.88420	.37860	2.33510
.904	4.160	.96700	-.01190	-.05520	-.00850	-.00110	.00780	.06340	.88960	.37920	2.34610
.904	6.340	.96710	-.01430	-.08020	-.01590	-.00610	.00660	.06390	.89010	.37830	2.35290
.904	8.390	.94210	-.01150	-.10400	-.02480	-.01040	.00460	.06210	.86820	.36590	2.37260
.904	10.410	.93400	-.01650	-.12860	-.03450	-.01530	.00510	.06120	.86060	.36300	2.37070
.904	.040	.95500	-.01170	-.02640	.00280	.00060	.00870	.06470	.87830	.37510	2.34100
GRADIENT		.00196	.00119	-.00819	-.00271	-.00032	.00004	-.00003	.00176	.00088	-.00079

M555 (FAS) WAR ATP CRB (BIC1D1F1M1) (M1E1)

(RT6206) ( 03 NOV 72 )

REFERENCE DATA

MREP = 7.4190 SQ. IN.    YMRP = 3.4530 IN.  
 LREP = 2.1020 IN.        YMRP = .0000 IN.  
 BREP = 4.0300 IN.        ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000    CONFIC = 2.000  
 ELEVTR = .000     CBDELV = .000  
 IBDELV = .000     AILRON = .000  
 CBDAIL = .000     IBDAIL = .000

RUN NO. 73/ 0    RN/L = 6.68    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.199	-10.400	1.15620	-.15700	.06770	.03810	.02420	.03930	.05170	1.04730	.49150	2.13050
1.199	-8.390	1.14890	-.14500	.05360	.02950	.01630	.04000	.05520	1.04020	.48950	2.12500
1.199	-6.250	1.14370	-.14070	.02890	.02300	.01160	.03860	.05780	1.03770	.48690	2.13100
1.199	-4.130	1.13240	-.13900	.00510	.01620	.00770	.03760	.05880	1.04420	.48890	2.13540
1.199	-2.030	1.16690	-.14290	-.01480	.01010	.00420	.03710	.06030	1.05730	.49470	2.13770
1.199	.060	1.16940	-.14240	-.03240	.00450	.00090	.03760	.06120	1.05960	.49610	2.13550
1.199	2.160	1.17100	-.14260	-.05240	-.00150	.00060	.03660	.06130	1.06140	.49600	2.13990
1.199	4.270	1.17390	-.13970	-.07330	-.00760	-.00310	.03630	.06110	1.06410	.49690	2.14120
1.199	6.440	1.17080	-.13810	-.09370	-.01420	-.00770	.03730	.05900	1.06080	.49670	2.13560
1.199	8.490	1.17550	-.13890	-.11360	-.02050	-.01390	.03840	.03790	1.06470	.49960	2.13070
1.199	10.500	1.17700	-.14200	-.13540	-.02790	-.01820	.03710	.05750	1.06660	.49900	2.13730
1.199	.060	1.16560	-.14190	-.03350	.00450	.00100	.03730	.06070	1.05630	.49430	2.13680
GRADIENT		.00224	-.00005	-.00926	-.00282	-.00120	-.00015	.00027	.00208	.00082	.00066

RUN NO. 93/ 0    RN/L = 7.04    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.957	-10.470	.81980	-.12300	.09760	.02990	.01410	.04250	.02850	.74010	.35510	2.08390
1.957	-8.450	.83840	-.12750	.07560	.02470	.01200	.04200	.02870	.75710	.36250	2.08840
1.957	-6.330	.84380	-.12880	.05230	.01890	.01040	.04130	.02890	.76230	.36400	2.09390
1.957	-4.170	.84980	-.13040	.02990	.01350	.00880	.04100	.02860	.76790	.36620	2.09650
1.957	-2.070	.85400	-.12920	.00300	.00820	.00640	.04110	.02830	.77170	.36800	2.09660
1.957	.030	.85780	-.12810	-.01930	.00320	.00290	.04140	.02770	.77500	.37010	2.09400
1.957	2.170	.86150	-.12890	-.04140	-.00180	-.00140	.04070	.02760	.77860	.37090	2.09910
1.957	4.260	.86330	-.12990	-.06380	-.00690	-.00460	.03990	.02870	.78060	.37090	2.10430
1.957	6.430	.86170	-.12930	-.08930	-.01230	-.00770	.04040	.02900	.77900	.37070	2.10100
1.957	8.540	.86240	-.12820	-.11360	-.01800	-.00960	.04080	.02880	.77940	.37140	2.09830
1.957	10.580	.85990	-.12630	-.13560	-.02390	-.01120	.04130	.02860	.77690	.37080	2.09480
1.957	.040	.84490	-.12480	-.01970	.00280	.00250	.04070	.02780	.76360	.36390	2.09840
GRADIENT		.00164	.00006	-.01061	-.00241	-.00164	-.00012	-.00002	.00133	.00058	.00086

M355 (FAS) HAR ATP ORB (BIC10IFIM1) (WIE1)

(R76206) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 15/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.140	.61990	-.07990	.06480	.02480	.01060	.04960	.01450	.55850	.27350	2.04160
2.990	-6.210	.62700	-.06380	.06540	.02010	.00880	.04600	.01470	.56570	.27470	2.05880
2.990	-6.140	.63250	-.06600	.04990	.01540	.00700	.04660	.01470	.57120	.27550	2.07330
2.990	-4.060	.63730	-.06790	.02340	.01090	.00520	.04580	.01470	.57600	.27650	2.08310
2.990	-2.030	.64000	-.06960	.00460	.00620	.00320	.04490	.01460	.57880	.27670	2.09180
2.990	.010	.64340	-.06890	-.01360	.00180	.00130	.04420	.01430	.58220	.27740	2.09880
2.990	2.080	.64550	-.06910	-.03430	-.00210	-.00060	.04470	.01430	.58390	.27860	2.09560
2.990	4.110	.64840	-.06910	-.03340	-.00660	-.00270	.04600	.01460	.58620	.28090	2.08620
2.990	6.210	.64980	-.06910	-.07390	-.01180	-.00470	.04680	.01480	.58720	.28220	2.08030
2.990	8.220	.64810	-.06570	-.09370	-.01610	-.00690	.04810	.01490	.58510	.28280	2.06880
2.990	10.190	.64540	-.06300	-.11250	-.02070	-.00890	.04900	.01490	.58220	.28260	2.05990
	GRADIENT	.00135	-.00009	-.00959	-.00211	-.00096	.00001	-.00002	.00124	.00052	.00049

RUN NO. 16/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.000	.49200	-.05740	.05880	.01980	.00890	.05110	.00320	.44050	.22500	1.95710
4.959	-6.100	.49730	-.05640	.04560	.01620	.00810	.04900	.00360	.44620	.22500	1.98250
4.959	-6.060	.50440	-.05800	.03190	.01220	.00660	.04730	.00370	.45340	.22610	2.00520
4.959	-4.030	.50750	-.05970	.01720	.00870	.00530	.04590	.00390	.45860	.22590	2.02200
4.959	-2.010	.51260	-.06170	.00240	.00470	.00310	.04440	.00390	.46200	.22640	2.04080
4.959	.000	.51520	-.06170	-.01170	.00180	.00120	.04390	.00390	.46460	.22690	2.04780
4.959	2.030	.51790	-.06210	-.02750	-.00200	-.00120	.04440	.00390	.46700	.22830	2.04510
4.959	4.050	.51950	-.05980	-.03950	-.00580	-.00310	.04530	.00400	.46810	.22970	2.03780
4.959	6.110	.51610	-.06120	-.05540	-.00990	-.00510	.04670	.00400	.46640	.23030	2.02330
4.959	8.120	.51530	-.05790	-.06900	-.01320	-.00670	.04810	.00410	.46330	.23080	2.00660
4.959	10.060	.51300	-.05730	-.08270	-.01710	-.00800	.05010	.00410	.46040	.23180	1.98590
	GRADIENT	.00145	-.00003	-.00709	-.00177	-.00104	-.00006	.00001	.00137	.00047	.00177



M555 (PAS) NAR ATP CRB (B1C101F1M1) (M1E1)

(R76207) (03 NOV 72)

REFERENCE DATA

BREF = 7.4180 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 30.000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 14/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.110	1.02670	-.12260	.06420	.02660	.01900	.04580	.01380	.84430	.58590	1.44080
2.990	-8.170	1.03430	-.12570	.04610	.02210	.01620	.04370	.01420	.85180	.58840	1.44760
2.990	-6.120	1.03690	-.12740	.02730	.01750	.01320	.04220	.01440	.85640	.58960	1.45250
2.990	-4.070	1.04690	-.13010	.00890	.01300	.00980	.04110	.01440	.86370	.59300	1.45640
2.990	-2.010	1.05120	-.13300	-.00930	.00810	.00600	.04060	.01450	.86750	.59500	1.45800
2.990	.020	1.05560	-.13290	-.02470	.00330	.00220	.04050	.01460	.87130	.59730	1.45860
2.990	2.090	1.05670	-.13300	-.04210	-.00170	-.00160	.04060	.01460	.87210	.59800	1.45840
2.990	4.120	1.05810	-.13320	-.05960	-.00700	-.00560	.04070	.01450	.87330	.59880	1.45830
2.990	6.180	1.05920	-.13050	-.07460	-.01190	-.00950	.04140	.01440	.87380	.60010	1.45590
2.990	8.220	1.05610	-.12630	-.09300	-.01650	-.01290	.04220	.01470	.87070	.59910	1.45340
2.990	10.170	1.05220	-.12590	-.11200	-.02100	-.01610	.04310	.01480	.86700	.59770	1.45040
GRADIENT		.00136	-.00030	-.00829	-.00243	-.00187	-.00004	.00001	.00116	.00071	.00021

RUN NO. 15/ 0 RN/L = 4.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.010	.87730	-.09490	.04410	.02000	.01790	.05090	.00230	.72050	.50310	1.43210
4.959	-8.090	.88850	-.09820	.03000	.01680	.01530	.05000	.00280	.73040	.50830	1.43700
4.959	-6.050	.89670	-.09690	.01750	.01310	.01240	.04820	.00300	.73830	.51120	1.44430
4.959	-4.020	.90140	-.09820	.00340	.00970	.00930	.04730	.00330	.74280	.51290	1.44800
4.959	-2.000	.90610	-.09940	-.00950	.00610	.00570	.04730	.00340	.74680	.51340	1.44900
4.959	.010	.91060	-.10040	-.02190	.00260	.00220	.04730	.00350	.75060	.51770	1.44960
4.959	2.050	.91230	-.09980	-.03310	-.00100	-.00150	.04710	.00350	.75210	.51860	1.45030
4.959	4.050	.91370	-.10210	-.04660	-.00520	-.00520	.04760	.00360	.75300	.51970	1.44890
4.959	6.110	.91260	-.09950	-.05850	-.00860	-.00870	.04840	.00350	.75170	.51980	1.44610
4.959	8.120	.90820	-.10050	-.07260	-.01250	-.01190	.04870	.00370	.74780	.51770	1.44450
4.959	10.040	.90740	-.09850	-.08510	-.01610	-.01450	.04890	.00370	.74700	.51740	1.44360
GRADIENT		.00153	-.00041	-.00612	-.00183	-.00179	.00002	.00003	.00127	.00083	.00015

MS55 (FAS) MAR ATP CRB (BICIDIFMS) (WIE1)

(R76208) ( 03 NOV 72 )

REFERENCE DATA

BREP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 80.000 CONFIG = 2.000  
 ELEVTR = .000 CBDELV = .000  
 TSDLV = .000 AILRON = .000  
 CBDAIL = .000 TSDAIL = .000

RUN NO. 201/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.070	1.76260	-.18710	.07420	.01870	.02450	.03630	.01330	1.05180	1.41910	.74320
2.990	-8.150	1.77580	-.19100	.06160	.01420	.02040	.03540	.01340	1.06030	1.42500	.74400
2.990	-6.120	1.78690	-.19380	.04930	.01020	.01570	.03450	.01360	1.06760	1.43350	.74480
2.990	-4.070	1.79230	-.19250	.03700	.00630	.01100	.03400	.01330	1.07120	1.43760	.74510
2.990	-2.040	1.79740	-.19410	.02530	.00190	.00640	.03360	.01330	1.07450	1.44120	.74550
2.990	.000	1.79900	-.19550	.01450	-.00210	.00060	.03350	.01340	1.07570	1.44230	.74580
2.990	2.020	1.79740	-.19440	.00220	-.00620	-.00430	.03350	.01330	1.07460	1.44120	.74560
2.990	4.030	1.79420	-.19210	-.00900	-.01050	-.00910	.03390	.01350	1.07230	1.43890	.74520
2.990	6.110	1.78700	-.18940	-.02360	-.01480	-.01380	.03360	.01340	1.06820	1.43300	.74540
2.990	8.140	1.77940	-.18580	-.03660	-.01930	-.01840	.03430	.01330	1.06310	1.42730	.74480
2.990	10.060	1.77050	-.18220	-.04860	-.02340	-.02300	.03460	.01330	1.05750	1.42040	.74450
	GRADIENT	.00017	.00002	-.00568	-.00206	-.00251	-.00002	.00002	.00011	.00013	.00002

RUN NO. 202/ 0 RN/L = 4.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.000	1.67770	-.19480	.06620	.01450	.02480	.04670	.00250	1.00550	1.34380	.74820
4.959	-8.090	1.68530	-.19500	.05550	.01130	.02050	.04560	.00260	1.01100	1.34910	.74930
4.959	-6.070	1.69610	-.19610	.04600	.00800	.01560	.04420	.00300	1.01870	1.35680	.75080
4.959	-4.030	1.70080	-.19780	.03370	.00460	.01040	.04320	.00300	1.02240	1.35990	.75170
4.959	-2.020	1.70520	-.19870	.02430	.00100	.00510	.04360	.00310	1.02470	1.36370	.75140
4.959	-.020	1.70850	-.19880	.01200	-.00190	-.00040	.04370	.00300	1.02670	1.36630	.75140
4.959	2.010	1.70800	-.19870	.00090	-.00560	-.00580	.04260	.00290	1.02720	1.36520	.75230
4.959	4.020	1.70640	-.19410	-.00970	-.00880	-.01090	.04240	.00290	1.02640	1.36390	.75230
4.959	6.080	1.70060	-.19420	-.02060	-.01250	-.01570	.04220	.00300	1.02500	1.35930	.75260
4.959	8.080	1.69270	-.19090	-.03090	-.01590	-.02030	.04240	.00300	1.01790	1.35310	.75230
4.959	9.980	1.68220	-.19000	-.04380	-.01930	-.02470	.04230	.00310	1.01130	1.34470	.75220
	GRADIENT	.00069	.00037	-.00547	-.00166	-.00266	-.00013	-.00002	.00032	.00047	.00012

M595 (PAS) MAR ATP CRB (BIC101F1M3) (MIE1) (V1K1R1)

(R76301) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4930 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 OBDLVL = .000  
 IBDLVL = .000 AIRLON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 55/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.895	.660	-.03220	.02900	.02710	-.00260	.00250	.02740	.02300	-.03250	.02700	-1.20490
.895	2.660	.05960	.01930	.02370	-.00200	.00280	.02700	.02230	.05830	.02970	1.96120
.895	4.760	.13240	.01280	.02270	-.00140	.00300	.02160	.02300	.15010	.03420	4.37600
.895	6.860	.29390	.00640	.01980	-.00100	.00290	.01560	.02240	.25020	.04600	5.43570
.895	8.990	.59800	-.00800	.01960	-.00140	.00290	.01030	.02270	.35190	.06630	5.30330
.895	11.100	.46900	-.01770	.01700	-.00100	.00340	.00670	.02400	.45890	.09690	4.73210
.895	13.200	.57090	-.03120	.01490	-.00120	.00260	.00400	.02530	.55480	.13430	4.12900
.895	15.290	.66690	-.03400	.01230	-.00110	.00330	.00130	.02950	.64490	.17770	3.62830
.895	17.440	.75920	-.03740	.01050	-.00180	.00420	-.00130	.03430	.72470	.22630	3.20200
.895	19.480	.83600	-.03690	.00930	-.00260	.00340	-.00330	.04030	.78930	.27370	2.86220
.895	21.490	.88250	-.03250	.00910	-.00250	.00030	-.00120	.04400	.82160	.32210	2.55010
.895	11.100	.46870	-.01690	.01690	-.00110	.00320	.00700	.02420	.45860	.09720	4.71470
	GRADIENT	.04501	-.00298	-.00107	.00029	.00012	-.00143	.00000	.04452	.00176	1.35907

RUN NO. 56/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.900	.630	-.08430	.05330	.02890	-.00340	.00060	.03410	.02590	-.08470	.03320	-2.55180
.900	2.700	.02590	.04380	.02540	-.00290	.00130	.03230	.02550	.02440	.03340	.72900
.900	4.930	.14650	.03250	.02350	-.00280	.00160	.02670	.02530	.14370	.03920	3.66190
.900	7.140	.27130	.01510	.02070	-.00280	.00180	.02440	.02500	.26610	.05800	4.56420
.900	9.340	.38390	.00410	.01660	-.00210	.00330	.02430	.02790	.37480	.08630	4.34060
.900	11.540	.50230	-.01010	.01060	-.00080	.00490	.02510	.03140	.48710	.12510	3.89170
.900	13.750	.62350	-.02690	.00360	.00010	.00660	.02570	.03440	.60150	.17370	3.46180
.900	15.920	.72800	-.03620	-.00420	.00180	.00720	.02730	.04020	.69250	.22600	3.06340
.900	18.160	.83170	-.03860	-.00110	-.00090	.00470	.02740	.04590	.78170	.28330	2.73970
.900	20.290	.89340	-.02400	.00980	-.00320	-.00450	.03190	.03390	.82690	.33970	2.43380
.900	22.270	.91120	-.01290	-.00020	.00020	-.00090	.02370	.06140	.83420	.36730	2.27090
.900	11.540	.50130	-.01110	.01180	-.00100	.00450	.02390	.03130	.48640	.12370	3.92990
	GRADIENT	.05368	-.00484	-.00125	.00014	.00023	-.00173	-.00014	.05312	.00141	1.44338

M335 (FAS) MAR ATP ORB (SIC1DIF1M1) (W1E1) (V1K1R1)

(R76301) (03 NOV 72)

REFERENCE DATA

BREP = 7.4190 SQ. IN. XMRP = 3.4930 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 57/ 0 RN/L = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.197	.760	-.00930	.05010	.02070	-.00200	.00280	.06180	.04960	-.01020	.06170	-.16550
1.197	2.690	.11750	.01770	.01900	-.00150	.00260	.06140	.04610	.11430	.06720	1.69940
1.197	5.170	.25450	-.01540	.01610	-.00060	.00230	.06360	.04220	.24770	.08620	2.87130
1.197	7.430	.39070	-.04610	.01180	.00000	.00260	.06300	.04110	.37930	.11300	3.35410
1.197	9.660	.51990	-.07100	.00760	.00100	.00230	.06240	.04180	.50200	.14890	3.37020
1.197	11.930	.64910	-.09360	.00290	.00160	.00180	.06210	.04330	.62220	.19500	3.19030
1.197	14.190	.77690	-.11430	-.00060	.00180	.00240	.06270	.04520	.73780	.25140	2.93490
1.197	16.420	.87630	-.11920	-.00570	.00300	.00450	.06290	.04960	.82270	.30800	2.67070
1.197	18.690	.97680	-.12330	-.00590	.00090	.00170	.06350	.05410	.90490	.37320	2.42440
1.197	20.900	1.06390	-.13590	-.00670	.00030	.00230	.06180	.05550	.99060	.44440	2.22670
1.197	22.960	1.15300	-.13260	-.00840	.00060	.00350	.05820	.05780	1.03870	.50390	2.06120
1.197	11.940	.65310	-.09430	.00310	.00140	.00190	.06200	.04310	.62610	.19590	3.19580
GRADIENT		.06009	-.01536	-.00081	.00024	-.00009	-.00019	.00024	.05900	.00261	.66384

RUN NO. 68/ 0 RN/L = 7.03 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.965	.710	.01780	-.00530	.01740	-.00020	.00110	.06710	.02530	.01700	.06740	.25260
1.965	2.730	.09760	-.01940	.01560	.00010	.00080	.06550	.02650	.09430	.07020	1.34300
1.965	4.990	.16100	-.03400	.01330	.00020	.00090	.06720	.02530	.17440	.08270	2.10690
1.965	7.180	.26100	-.04660	.01070	.00110	.00070	.06620	.02660	.25070	.09640	2.54750
1.965	9.350	.33700	-.05840	.00870	.00160	.00090	.06490	.02730	.32190	.11880	2.70970
1.965	11.530	.41300	-.07000	.00620	.00210	.00120	.06400	.02630	.39380	.14570	2.70230
1.965	13.740	.49710	-.08110	.00490	.00230	.00170	.06280	.02610	.46790	.17920	2.61080
1.965	15.900	.57330	-.08930	.00220	.00210	.00200	.06080	.02680	.53470	.21570	2.47860
1.965	18.110	.64410	-.09140	-.00050	.00200	.00280	.05840	.02660	.59400	.25580	2.32150
1.965	20.290	.72700	-.10160	-.00470	.00260	.00350	.05610	.02660	.66240	.30490	2.17250
1.965	22.380	.80180	-.10790	-.00800	.00330	.00440	.05300	.02770	.72110	.35440	2.03430
1.965	11.520	.41180	-.06710	.00660	.00190	.00100	.06340	.02650	.39080	.14450	2.70450
GRADIENT		.05613	-.00670	-.00096	.00009	-.00005	.00003	-.00001	.03677	.00360	.43242

NS55 (PAS) NAR ATP CRB (BICIDIFINI) (WIEI) (VIKIRI)

(R76301) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CNFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDLV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 22/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.660	-.00880	-.01700	.00960	.00090	.00000	.06650	.01260	-.00960	.06640	-.14520
2.990	2.610	.04270	-.02120	.00860	.00070	.00000	.06540	.01310	.03960	.06720	.58980
2.990	4.700	.09630	-.02430	.00770	.00100	.00000	.06380	.01340	.09070	.07150	1.26930
2.990	6.770	.15490	-.02890	.00620	.00110	.00030	.06230	.01340	.14650	.08020	1.82630
2.990	8.840	.21620	-.03600	.00410	.00120	.00040	.06040	.01360	.20430	.09300	2.19690
2.990	10.920	.27670	-.04140	.00330	.00110	.00090	.05880	.01370	.26250	.11060	2.37370
2.990	13.020	.34290	-.04920	.00180	.00110	.00130	.05730	.01360	.32120	.13310	2.41200
2.990	15.100	.40990	-.05580	-.00090	.00130	.00180	.05600	.01340	.38110	.16090	2.36780
2.990	17.210	.48090	-.06230	-.00260	.00200	.00180	.05420	.01340	.44330	.19410	2.28300
2.990	19.260	.55450	-.07050	-.00470	.00250	.00190	.05260	.01360	.50610	.23260	2.17560
2.990	21.260	.62700	-.07910	-.00680	.00260	.00190	.05100	.01400	.56570	.27500	2.05710
GRADIENT		.02601	-.00180	-.00047	.00003	.00000	-.00067	.00020	.02482	.00127	.34983

RUN NO. 21/ 0 RN/L = 4.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.660	-.03100	-.01930	.00790	.00070	-.00010	.06050	.00260	-.03170	.06020	-.52760
4.959	2.390	.00710	-.02130	.00610	.00080	.00000	.05770	.00290	.00450	.05800	.07770
4.959	4.620	.04730	-.02270	.00600	.00110	.00030	.05670	.00320	.04260	.06040	.70560
4.959	6.670	.08700	-.02550	.00420	.00110	.00040	.05440	.00340	.08010	.06420	1.24840
4.959	8.680	.13310	-.02950	.00290	.00150	.00060	.05190	.00350	.12370	.07140	1.73200
4.959	10.720	.18210	-.03150	.00180	.00140	.00080	.04970	.00360	.16970	.08270	2.05010
4.959	12.780	.23440	-.03310	.00160	.00180	.00110	.04760	.00370	.21800	.09830	2.21740
4.959	14.800	.29080	-.03910	-.00010	.00140	.00120	.04620	.00370	.26920	.11890	2.26300
4.959	16.880	.35190	-.04360	-.00240	.00170	.00140	.04580	.00380	.32340	.14610	2.21290
4.959	18.890	.41500	-.04960	-.00310	.00230	.00180	.04570	.00380	.37780	.17760	2.12700
4.959	20.860	.48040	-.05640	-.00540	.00250	.00180	.04590	.00390	.43250	.21400	2.02080
GRADIENT		.01977	-.00086	-.00048	.00010	.00010	-.00096	.00015	.01876	.00006	.31140

MS55 (FAS) MAR ATP ORB (BIC10IF1M) (M1E1) (V1K1R1)

(RT6302) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 32/ 0 RN/L = 9.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.899	22.010	.85700	-.02310	-.00780	.00200	-.00040	-.00070	.04410	.79480	.32060	2.47900
.899	23.920	.87980	-.01870	-.01280	.00380	.00110	-.00360	.04890	.80570	.35340	2.27950
.899	25.990	.92760	-.02080	-.00690	.00150	.00040	-.00520	.05210	.83610	.40180	2.06030
.899	28.030	.98910	-.02490	.01480	-.00090	-.00840	-.00750	.05910	.85890	.44890	1.91320
.899	30.100	1.03320	-.03590	.01270	.00740	-.01110	-.00880	.06270	.89830	.51050	1.75950
.899	32.180	1.10780	-.04320	-.00380	.01120	-.00680	-.01360	.06680	.94480	.57840	1.63330
.899	34.290	1.19650	-.04700	-.01580	.00860	.00100	-.01690	.06970	.99810	.66010	1.51200
.899	36.340	1.29970	-.04440	-.01700	.00690	.00290	-.02300	.07160	1.02850	.72800	1.41250
.899	38.450	1.32550	-.04630	-.01750	.00630	.00180	-.03010	.07400	1.05680	.80070	1.31980
.899	40.500	1.39310	-.04840	-.01400	.00620	.00020	-.03660	.07480	1.08300	.87700	1.23480
.899	42.490	1.44660	-.04940	-.01110	.00620	-.00110	-.04430	.07720	1.09650	.94450	1.16090
.899	32.200	1.11780	-.04380	-.00340	.01140	-.00660	-.01320	.06700	.95290	.58440	1.63030
GRADIENT		.03060	-.00186	-.00065	.00027	.00013	-.00205	.00162	.01640	.03139	-.06297

RUN NO. 31/ 0 RN/L = 6.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	22.790	.91630	-.00910	-.00810	.00290	-.00030	.02180	.06280	.83630	.37510	2.22930
.901	24.810	.98260	-.01260	-.00950	.00350	.00060	.01910	.06560	.86400	.42980	2.05660
.901	26.970	1.06800	-.02510	-.01000	.00520	.00000	.01670	.06760	.94420	.49930	1.89090
.901	29.170	1.18620	-.03830	-.01770	.00880	.00220	.01680	.06790	1.01170	.58430	1.73160
.901	31.300	1.25250	-.03870	-.03400	.01250	.00830	.01190	.07020	1.06400	.66100	1.60960
.901	33.470	1.33900	-.04420	-.03860	.01270	.01120	.00750	.07130	1.11270	.74480	1.49380
.901	35.610	1.42050	-.04700	-.03330	.00960	.01260	.00000	.07370	1.15470	.82730	1.39570
.901	37.740	1.47980	-.05340	-.01170	.00350	.00620	-.01010	.07650	1.17630	.89780	1.31010
.901	39.890	1.52430	-.02880	.01720	.00020	-.00380	-.01840	.07710	1.18120	.96350	1.22580
.901	41.970	1.57650	-.02810	.00970	.00270	-.00300	-.02680	.07690	1.18980	1.03450	1.15010
.901	44.000	1.64510	-.02820	-.00020	.00290	-.00180	-.03260	.07560	1.20610	1.11930	1.07740
GRADIENT		.03484	-.00072	.00089	-.00013	-.00009	-.00266	.00068	.01792	.03545	-.05297

M855 (FAS) NAR ATP ORB (BICIDIFIMI) (WIE1) (V1K1R1)

(RP6302) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOPLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDA1L = .000 IBDA1L = .000

RUN NO. 30/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.800	.61830	-.07810	-.00980	.00310	.00180	.05050	.01340	.55520	.27660	2.00700
2.990	23.770	.69210	-.06680	-.00820	.00360	.00180	.04880	.01410	.61370	.32370	1.89540
2.990	25.890	.77160	-.09690	-.01130	.00410	.00200	.04750	.01420	.67340	.37970	1.77320
2.990	27.990	.85960	-.10560	-.01340	.00470	.00220	.04610	.01440	.73380	.44240	1.65880
2.990	30.090	.94150	-.11480	-.01460	.00450	.00270	.04490	.01450	.79200	.51100	1.54970
2.990	32.200	1.02890	-.12460	-.01520	.00310	.00400	.04360	.01450	.84730	.58520	1.44770
2.990	34.310	1.11890	-.13430	-.01510	.00220	.00520	.04310	.01450	.89980	.66640	1.35020
2.990	36.420	1.20860	-.14360	-.01930	.00230	.00570	.04200	.01460	.94750	.75140	1.26100
2.990	38.570	1.30160	-.15560	-.02490	.00400	.00490	.04110	.01440	.99190	.84370	1.17550
2.990	40.840	1.38810	-.16320	-.02930	.00340	.00430	.04050	.01430	1.02690	.93490	1.09830
2.990	42.660	1.47020	-.17180	-.03180	.00360	.00420	.03960	.01410	1.05420	1.02550	1.02790
GRADIENT		.04122	-.00455	-.00118	.00005	.00017	-.00051	.00002	.02442	.03619	-.04708

RUN NO. 29/ 0 RN/L = 4.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.420	.49970	-.05390	-.00720	.00270	.00210	.04710	.00260	.44790	.22640	1.97810
4.959	23.350	.56760	-.06050	-.00900	.00290	.00210	.04710	.00290	.50240	.26830	1.87240
4.959	25.430	.64310	-.07000	-.01300	.00290	.00230	.04730	.00320	.56040	.31890	1.75740
4.959	27.480	.72210	-.07810	-.01490	.00270	.00280	.04740	.00350	.61860	.37530	1.64820
4.959	29.540	.80430	-.08610	-.01560	.00310	.00320	.04820	.00360	.67590	.43860	1.54100
4.959	31.600	.88410	-.09530	-.01680	.00320	.00350	.04820	.00360	.72770	.50440	1.44250
4.959	33.660	.97140	-.10710	-.01920	.00340	.00380	.04860	.00360	.78140	.57900	1.34960
4.959	35.720	1.05580	-.11980	-.02320	.00360	.00360	.04830	.00350	.82890	.65570	1.26410
4.959	37.820	1.14500	-.13050	-.02500	.00420	.00400	.04850	.00350	.87460	.74050	1.18090
4.959	39.860	1.23080	-.14390	-.02840	.00450	.00400	.04720	.00360	.91430	.82520	1.10790
4.959	41.820	1.31500	-.15460	-.03020	.00500	.00430	.04670	.00350	.94870	.91180	1.04040
GRADIENT		.04017	-.00497	-.00110	.00011	.00011	.00002	.00004	.02489	.03375	-.04621

MS55 (FA3) MAR ATP ORB (81C101F1M1) (MIE1) (V1K1R1)

(R76303) ( 03 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN.    YMRP = 3.4550 IN.  
 LREF = 2.1020 IN.    YMRP = .0000 IN.  
 SREF = 4.0300 IN.    ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000    CONFIG = 3.000  
 RUDDER = .000    RUDFLR = 10.000  
 ELEVTR = .000    CBDELV = .000  
 IBDDELV = .000    AILRON = .000  
 CBDAIL = .000    IBDAIL = .000

RUN NO. 197/ 0    RN/L = 4.15    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	42.020	1.42390	-.16170	.00930	.00000	.00120	.03750	.01230	1.03240	.96110	1.03230
2.990	43.970	1.50520	-.16910	.01070	-.00050	.00120	.03720	.01240	1.05740	1.07180	.98650
2.990	46.030	1.58250	-.17340	.01220	-.00050	.00110	.03710	.01250	1.07190	1.16480	.92010
2.990	48.110	1.65410	-.17830	.01240	-.00060	.00110	.03650	.01260	1.07730	1.25560	.85790
2.990	50.160	1.72660	-.18470	.01420	-.00130	.00120	.03540	.01290	1.07880	1.34880	.79980
2.990	52.220	1.79250	-.18840	.01660	-.00130	.00160	.03500	.01290	1.07040	1.43830	.74420
2.990	54.270	1.84940	-.19010	.01730	-.00130	.00160	.03360	.01300	1.05250	1.52100	.69200
2.990	56.290	1.90030	-.19000	.01890	-.00140	.00130	.03220	.01270	1.02760	1.59890	.64260
2.990	58.370	1.94240	-.19020	.01810	-.00170	.00120	.03070	.01270	.99230	1.67010	.59410
2.990	60.390	1.98330	-.19060	.01870	-.00170	.00100	.02950	.01280	.95420	1.73890	.54870
2.990	62.350	2.01740	-.19130	.02000	-.00170	.00110	.02810	.01320	.91100	1.80020	.50600
GRADIENT		.02925	-.00140	.00053	-.00008	-.00000	-.00048	.00003	-.00615	.04063	-.02669

RUN NO. 198/ 0    RN/L = 4.92    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	41.510	1.30300	-.15210	.01180	-.00080	.00270	.04690	.00240	.94610	.90010	1.03100
4.959	43.440	1.38500	-.16140	.01460	-.00060	.00270	.04620	.00260	.97370	.98600	.98750
4.959	45.460	1.46820	-.17450	.01450	-.00130	.00240	.04480	.00280	.99740	1.07830	.92490
4.959	47.530	1.54880	-.18400	.01500	-.00080	.00260	.04450	.00290	1.01280	1.17270	.86360
4.959	49.570	1.62490	-.19050	.01760	-.00090	.00270	.04340	.00280	1.02060	1.26510	.80670
4.959	51.600	1.69650	-.19810	.01640	-.00120	.00220	.04280	.00290	1.02010	1.35630	.75210
4.959	53.630	1.76440	-.20370	.01910	-.00130	.00240	.04150	.00290	1.01270	1.44540	.70060
4.959	55.640	1.83100	-.21370	.01790	-.00130	.00260	.04000	.00280	1.00020	1.53410	.65190
4.959	57.710	1.89060	-.21790	.01950	-.00130	.00260	.03950	.00260	.97640	1.61940	.60290
4.959	59.710	1.93800	-.21750	.01940	-.00190	.00290	.03820	.00270	.94420	1.69280	.55770
4.959	61.670	1.97770	-.21770	.01980	-.00190	.00290	.03710	.00260	.90550	1.75860	.51460
GRADIENT		.03367	-.00339	.00037	-.00005	.00001	-.00048	.00000	-.00187	.04329	-.02646



M555 (FAS) MAR ATP ORB (B1C1D1F1M1) (MEL) (V1K1R1)

(R76304) ( 03 NOV 72 )

REFERENCE DATA

WREF = 7.4190 SQ. IN. WMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTB = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 77/ 0 RN/L = 4.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.998	-10.060	-.01790	.00960	.15820	-.01120	.00450	.02160	.02470	-.01790	.02170	-.82350
.998	-8.150	-.01670	.01330	.12890	-.01110	.00630	.02420	.02380	-.01660	.02430	-.68560
.998	-6.100	-.01490	.01710	.10040	-.00920	.00630	.02640	.02310	-.01480	.02640	-.56250
.998	-4.060	-.01030	.02150	.06660	-.00640	.00610	.02710	.02300	-.01030	.02710	-.38090
.998	-2.030	-.00400	.02360	.03260	-.00320	.00520	.02840	.02200	-.00400	.02840	-.14120
.998	.000	-.00790	.02670	.00260	-.00060	.00450	.02790	.02280	-.00780	.02790	-.28190
.998	2.030	-.00120	.02730	-.03040	.00290	.00370	.02560	.02440	-.00120	.02560	-.04760
.998	4.040	.00580	.02650	-.06300	.00600	.00200	.02180	.02730	.00590	.02180	.27060
.998	6.140	.01370	.02330	-.09920	.00940	.00040	.02020	.02780	.01370	.02010	.68100
.998	8.150	.01960	.02330	-.12820	.01140	-.00010	.01860	.02810	.01960	.01860	1.04410
.998	10.090	.02320	.01980	-.15910	.01190	-.00020	.01660	.02960	.02320	.01660	1.39660
.998	.000	-.00420	.02840	.00280	-.00040	.00420	.02790	.02280	-.00410	.02790	-.14840
GRADIENT		.00173	.00067	-.01590	.00153	-.00048	-.00066	.00054	.00174	-.00066	.06888

RUN NO. 78/ 0 RN/L = 6.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.906	-10.240	-.06930	.03490	.17890	-.01230	.00350	.02810	.02990	-.06920	.02840	-2.43400
.906	-8.280	-.06450	.04090	.14590	-.01330	.00600	.03040	.02880	-.06440	.03070	-2.10000
.906	-6.190	-.05910	.04510	.11100	-.01110	.00640	.03250	.02690	-.05900	.03270	-1.80290
.906	-4.120	-.05340	.04990	.07640	-.00850	.00630	.03360	.02620	-.05330	.03380	-1.57730
.906	-2.060	-.05620	.05510	.03330	-.00280	.00430	.03650	.02340	-.05610	.03660	-1.33140
.906	.000	-.05230	.05690	.00360	-.00050	.00300	.03510	.02340	-.05220	.03530	-1.47910
.906	2.070	-.04250	.05390	-.03370	.00340	.00090	.03270	.02630	-.04250	.03280	-1.29270
.906	4.110	-.03800	.05490	-.06930	.00770	-.00100	.02840	.02970	-.03800	.02850	-1.33330
.906	6.220	-.03700	.05280	-.10650	.01090	-.00220	.02670	.03160	-.03700	.02680	-1.37860
.906	8.270	-.03050	.04850	-.13980	.01290	-.00240	.02340	.03370	-.03050	.02340	-1.29950
.906	10.260	-.02950	.04450	-.17200	.01300	-.00120	.02230	.03570	-.02940	.02230	-1.31590
.906	.000	-.04890	.05550	.00290	-.00070	.00290	.03540	.02470	-.04880	.03550	-1.37410
GRADIENT		.00216	.00053	-.01741	.00187	-.00087	-.00069	.00038	.00215	-.00070	.03332

N55 (PAS) NAR ATP CRB (BICIDIFINI) (MIEI) (VIRIRI)

(R76304) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDPLR = 10.000  
 ELEVTR = .000 OSDELV = .000  
 ISDELV = .000 AILRON = .000  
 OBDAIL = .000 ISDAIL = .000

RUN NO. 79/ 0 RN/L = 6.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.201	-10.340	-.03800	.04230	.18290	-.01220	.01560	.05890	.04390	-.03780	.03900	-.64150
1.201	-8.350	-.02630	.04340	.14420	-.01150	.01530	.05990	.04380	-.02620	.06000	-.43690
1.201	-6.250	-.01320	.04380	.10420	-.00890	.01340	.06280	.04250	-.01310	.06280	-.20860
1.201	-4.150	-.00460	.04700	.06530	-.00510	.01030	.06280	.04350	-.00460	.06280	-.07320
1.201	-2.070	.00010	.05030	.03030	-.00200	.00680	.06470	.04290	.00010	.06470	.00270
1.201	.010	.00520	.05080	-.00440	.00020	.00380	.06480	.04270	.00520	.06480	.08130
1.201	2.090	.01090	.04840	-.03810	.00280	.00010	.06300	.04410	.01090	.06300	.17420
1.201	4.140	.01490	.04650	-.07220	.00600	-.00350	.06110	.04500	.01490	.06110	.24370
1.201	6.270	.01670	.04310	-.11090	.00940	-.00740	.05960	.04600	.01670	.05960	.28060
1.201	8.360	.01660	.04090	-.14860	.01160	-.00980	.05900	.04600	.01660	.05900	.28140
1.201	10.380	.01670	.03670	-.18310	.01170	-.01150	.05900	.04590	.01670	.05900	.28330
1.201	.010	.00870	.04930	-.00450	.00000	.00340	.06470	.04300	.00870	.06470	.13530
GRADIENT		.00240	-.00012	-.01656	.00130	-.00167	-.00025	.00020	.00240	-.00025	.03683

RUN NO. 91/ 0 RN/L = 7.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.959	-10.440	.00130	-.00900	.17330	-.00300	.00220	.06420	.02690	.00130	.06420	.02430
1.959	-8.410	.01230	-.00930	.13700	-.00360	.00290	.06520	.02600	.01230	.06510	.19200
1.959	-6.290	.02220	-.00770	.10270	-.00450	.00350	.06640	.02530	.02230	.06640	.33600
1.959	-4.190	.03100	-.00800	.06730	-.00320	.00280	.06760	.02440	.03110	.06750	.46120
1.959	-2.090	.03700	-.00780	.03160	-.00140	.00190	.06780	.02460	.03710	.06780	.34750
1.959	.000	.04030	-.00820	-.00230	.00070	.00060	.06810	.02450	.04040	.06800	.59350
1.959	2.110	.04160	-.00810	-.03530	.00260	-.00020	.06750	.02520	.04160	.06750	.61730
1.959	4.180	.04100	-.00770	-.07010	.00480	-.00110	.06660	.02560	.04110	.06660	.61670
1.959	6.330	.03980	-.00740	-.10470	.00580	-.00170	.06670	.02580	.03980	.06660	.59830
1.959	8.430	.03490	-.00840	-.13960	.00550	-.00180	.06710	.02590	.03500	.06700	.52250
1.959	10.470	.02690	-.00870	-.17420	.00430	-.00130	.06680	.02680	.02700	.06680	.40420
1.959	.000	.03940	-.00800	-.00240	.00040	.00090	.06760	.02470	.03950	.06760	.58460
GRADIENT		.00116	.00000	-.01632	.00096	-.00047	-.00011	.00014	.00117	-.00010	.01820

M55 (FAS) MAR ATP ORB (SICIDIFMS) (WIEI) (VIKIRI)

(R76305) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4100 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 10.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBOELV = .000  
 IBOELV = .000 AILRON = .000  
 CBOAIL = .000 IBOAIL = .000

RUN NO. 43/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.596	-10.100	.52760	-.03440	.15600	-.01010	.01590	-.00020	.02710	.51760	.10180	5.08340
.596	-8.150	.52590	-.03030	.12340	-.01050	.01630	.00220	.02460	.51320	.10350	4.95860
.596	-6.080	.52820	-.02690	.08890	-.00970	.01480	.00240	.02430	.51780	.10460	4.94810
.596	-4.030	.53340	-.02270	.05710	-.00730	.01250	.00250	.02420	.52280	.10590	4.93550
.596	-2.010	.54200	-.01820	.02270	-.00450	.00940	.00370	.02470	.53100	.10880	4.87710
.596	.010	.54640	-.01680	-.00660	-.00100	.00600	.00510	.02390	.53500	.11110	4.81180
.596	2.070	.55010	-.01490	-.04090	.00180	.00190	.00260	.02530	.53910	.10940	4.92560
.596	4.060	.55780	-.01580	-.07140	.00480	-.00190	.00030	.02560	.54710	.10880	5.02760
.596	6.130	.55640	-.01690	-.10570	.00770	-.00640	-.00060	.02570	.54790	.10780	5.08000
.596	8.170	.56710	-.02110	-.13840	.01020	-.00990	-.00290	.02780	.55690	.10730	5.16670
.596	10.110	.56100	-.02370	-.16680	.01070	-.01210	-.00390	.02890	.55100	.10510	5.24090
.596	.010	.54860	-.01510	-.00870	-.00110	.00560	.00430	.02440	.53750	.11080	4.85040
GRADIENT		.00260	.00084	-.01579	.00149	-.00179	-.00027	.00017	.00279	.00031	.01150

RUN NO. 44/ 0 RN/L = 6.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	.020	.56480	-.01240	-.01500	.00150	.00620	.02550	.03290	.54800	.13900	3.94130
.901	-10.280	.56990	-.04680	.17070	-.00670	.01060	.02120	.03370	.55400	.13550	4.08560
.901	-8.290	.56940	-.04900	.13660	-.00900	.00970	.02170	.03240	.57280	.14030	4.08190
.901	-6.180	.54340	-.01860	.08710	-.00340	.02180	.02360	.03270	.52760	.13250	3.98130
.901	-4.100	.55330	-.01800	.05250	-.00300	.01860	.02320	.03240	.53730	.13430	4.00050
.901	-2.030	.56520	-.01430	.01730	-.00030	.01400	.02440	.03240	.54860	.13800	3.97270
.901	.020	.56570	-.01320	-.01280	.00140	.00860	.02480	.03200	.54900	.13660	3.96010
.901	2.100	.57120	-.01430	-.04420	.00330	.00260	.02490	.03290	.55440	.13950	3.97210
.901	4.140	.57680	-.01450	-.07390	.00540	-.00340	.02250	.03340	.56030	.13880	4.03430
.901	6.250	.57270	-.01630	-.10730	.00700	-.00920	.01990	.03470	.55680	.13530	4.11350
.901	8.300	.57220	-.01810	-.14160	.00780	-.01410	.01840	.03620	.55670	.13370	4.16370
.901	10.280	.56800	-.01570	-.17180	.00660	-.01980	.01830	.03720	.55260	.13270	4.16130
GRADIENT		.00257	.00034	-.01523	.00099	-.00269	-.00006	.00012	.00251	.00051	.00324

MS5 (FAS) NAR ATP ORB (SIC1DIF1M1) (M1E1) (V1K1R1)

(R76305) ( 05 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 45/ 0 RN/L = 6.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.197	-10.360	.63910	-.10040	.14970	.00120	.02570	.05950	.04570	.61310	.19010	3.22460
1.197	-6.340	.66470	-.10000	.11250	.00000	.02340	.06030	.04380	.62800	.19440	3.22950
1.197	-6.220	.66630	-.10000	.07760	-.00020	.02010	.06140	.04220	.64100	.19870	3.22480
1.197	-4.130	.67950	-.10070	.04410	.00030	.01410	.06210	.04180	.65170	.20210	3.22460
1.197	-2.050	.66750	-.09800	.01250	.00190	.00850	.06290	.04210	.65930	.20470	3.22000
1.197	.030	.69520	-.09700	-.01670	.00200	.00350	.06370	.04230	.66660	.20740	3.21330
1.197	2.130	.70610	-.09650	-.04430	.00200	-.00140	.06300	.04260	.67730	.20920	3.23650
1.197	4.180	.71130	-.10030	-.07320	.00320	-.00670	.06210	.04220	.68250	.20950	3.25780
1.197	6.330	.71330	-.10200	-.10460	.00360	-.01310	.06060	.04460	.68490	.20840	3.28550
1.197	8.390	.71140	-.10110	-.13640	.00320	-.01790	.06030	.04590	.68310	.20770	3.28840
1.197	10.360	.70220	-.10160	-.16990	.00170	-.02200	.06010	.04590	.67420	.20540	3.28220
1.197	.030	.69520	-.09720	-.01630	.00190	.00310	.06340	.04310	.66670	.20700	3.21960
	GRADIENT	.00395	.00001	-.01401	.00028	-.00248	.00001	.00006	.00383	.00093	.00398

RUN NO. 69/ 0 RN/L = 7.03 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.961	-10.450	.40110	-.06940	.14930	.00690	.00860	.05950	.02730	.38120	.13630	2.75640
1.961	-6.430	.41180	-.06960	.11310	.00520	.00800	.06030	.02580	.39140	.14130	2.76890
1.961	-6.290	.42850	-.07250	.08190	.00270	.00740	.06090	.02540	.40740	.14550	2.79910
1.961	-4.170	.43900	-.07360	.05180	.00060	.00600	.06180	.02530	.41760	.14880	2.80600
1.961	-2.080	.44410	-.07410	.02210	.00100	.00400	.06350	.02550	.42230	.15160	2.78570
1.961	.010	.44640	-.07340	-.00800	.00130	.00160	.06350	.02670	.42640	.15250	2.79450
1.961	2.120	.45270	-.07260	-.03690	.00170	-.00110	.06290	.02660	.43070	.15290	2.81540
1.961	4.200	.45010	-.07190	-.06920	.00130	-.00310	.06150	.02620	.42850	.15100	2.83770
1.961	6.340	.45240	-.07280	-.09440	.00050	-.00330	.06130	.02640	.43080	.15130	2.84720
1.961	8.440	.44760	-.07210	-.12470	-.00180	-.00700	.06150	.02640	.42600	.15040	2.83140
1.961	10.470	.44320	-.07180	-.15660	-.00430	-.00840	.06140	.02680	.42170	.14930	2.82430
1.961	.010	.44270	-.07180	-.00900	.00120	.00140	.06290	.02670	.42100	.15070	2.79540
	GRADIENT	.00147	.00023	-.01399	.00008	-.00111	-.00006	.00014	.00144	.00027	.00445

M55 (FAS) MAR ATP CRB (BICIDIFIMI) (WIEI) (VIKIRI)

(R76305) ( 03 NOV 92 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBOELV = .000  
 TBOELV = .000 AILRON = .000  
 CBOAIL = .000 TBOAIL = .000

RUN NO. 23/0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.140	.26990	-.04420	.12610	.00860	.00640	.06030	.01590	.25360	.11030	2.29920
2.990	-8.210	.27990	-.04470	.09820	.00720	.00330	.05990	.01390	.25960	.11110	2.33650
2.990	-6.140	.27890	-.04290	.07140	.00530	.00470	.05910	.01390	.26270	.11090	2.36830
2.990	-4.080	.28370	-.04360	.04470	.00360	.00330	.05670	.01370	.26740	.11140	2.40010
2.990	-2.040	.28390	-.04370	.02090	.00190	.00220	.05600	.01370	.26970	.11120	2.42400
2.990	.000	.28810	-.04320	-.00430	.00090	.00060	.05640	.01370	.27180	.11200	2.42670
2.990	2.060	.29100	-.04330	-.02960	.00010	-.00100	.05670	.01380	.27450	.11290	2.43070
2.990	4.090	.29090	-.04400	-.05370	-.00150	-.00230	.05970	.01380	.27430	.11360	2.40950
2.990	6.200	.28950	-.04520	-.08040	-.00360	-.00350	.05960	.01380	.27290	.11370	2.40010
2.990	8.200	.28790	-.04370	-.10650	-.00550	-.00500	.06040	.01400	.27120	.11390	2.37950
2.990	10.170	.28650	-.04530	-.13420	-.00740	-.00630	.06090	.01420	.26980	.11410	2.36370
GRADIENT		.00095	-.00002	-.01210	-.00059	-.00070	.00013	.00001	.00091	.00032	.00125

RUN NO. 24/0 RN/L = 4.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.010	.16990	-.02720	.09400	.01020	.00570	.05680	.00290	.15640	.08740	1.78910
4.959	-8.090	.17920	-.02800	.07470	.00820	.00530	.05470	.00330	.16200	.08640	1.87510
4.959	-6.060	.18090	-.02820	.05490	.00620	.00440	.05310	.00340	.16780	.08580	1.95430
4.959	-4.040	.18420	-.03060	.03390	.00420	.00340	.05090	.00350	.17150	.08430	2.03410
4.959	-2.020	.18680	-.03110	.01330	.00260	.00180	.04990	.00360	.17420	.08380	2.07730
4.959	.000	.18980	-.02990	-.00380	.00090	.00020	.04930	.00380	.17700	.08370	2.11350
4.959	2.020	.18950	-.03150	-.02240	-.00080	-.00130	.05010	.00370	.17690	.08450	2.09200
4.959	4.040	.19060	-.03020	-.03940	-.00280	-.00280	.05200	.00380	.17750	.08660	2.04930
4.959	6.110	.18980	-.03200	-.05970	-.00490	-.00410	.05340	.00390	.17650	.08780	2.01060
4.959	8.090	.18690	-.02930	-.07900	-.00650	-.00490	.05470	.00400	.17340	.08850	1.95810
4.959	10.030	.18590	-.02820	-.09880	-.00860	-.00370	.05620	.00400	.17220	.08980	1.91550
GRADIENT		.00077	.00002	-.00912	-.00086	-.00077	.00012	.00003	.00073	.00026	.00223

MS55 (PAS) MAR ATP CRB (BICIDIFIMI) (M/EI) (VIKIRI)

(R76306) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

GREF = 7.4190 SQ. IN.    YMRP = 3.4930 IN.  
 LREF = 2.1020 IN.        YMRP = .0000 IN.  
 SREF = 4.0500 IN.        ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 20.000    CONFIG = 3.000  
 RUDDER = .000     RUDFLR = 10.000  
 ELEVTR = .000     CBDELV = .000  
 IBOELV = .000     AILRON = .000  
 CBDAIL = .000     IBDAIL = .000

RUN NO. 82/ 0    RN/L = 4.98    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.999	-10.080	.89170	-.05380	.14280	-.00470	.01060	-.01680	.04420	.83440	.31480	2.65040
.999	-8.150	.88760	-.05130	.11210	-.00530	.00750	-.01400	.04390	.82950	.31590	2.62960
.999	-6.090	.89390	-.02740	.08090	-.00500	.00430	-.01200	.04540	.83460	.32010	2.60680
.999	-4.050	.88860	-.02420	.04580	-.00350	.00090	-.01290	.04940	.83000	.31740	2.61470
.999	-2.010	.88590	-.01890	.01070	-.00020	-.00310	-.00900	.04970	.82610	.32000	2.58110
.999	.020	.87860	-.01210	-.02360	.00320	-.00430	-.00740	.05080	.81890	.31880	2.56830
.999	2.060	.87460	-.00630	-.04920	.00610	-.00420	-.00660	.05000	.81490	.31810	2.56150
.999	4.080	.87370	-.01020	-.08400	.00770	-.00500	-.00820	.04850	.81490	.31630	2.57900
.999	6.160	.87860	-.01310	-.11520	.00940	-.00790	-.01170	.04880	.82040	.31480	2.60610
.999	8.190	.88570	-.01440	-.14870	.00970	-.00920	-.01340	.04570	.82750	.31600	2.61890
.999	10.170	.90440	-.02080	-.18790	.00750	-.00660	-.01750	.04390	.84630	.31920	2.65100
.999	.010	.87770	-.01050	-.02280	.00330	-.00490	-.00840	.05170	.81830	.31750	2.57720
GRADIENT		-.00201	.00200	-.01572	.00141	-.00063	.00058	-.00007	-.00208	-.00020	-.00488

RUN NO. 81/ 0    RN/L = 6.28    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.904	-10.310	.90920	-.01930	.14440	.01210	.02420	.01400	.05920	.83460	.36080	2.31310
.904	-8.340	.92210	-.01600	.11270	.00950	.01910	.01620	.05940	.84540	.36830	2.29910
.904	-6.200	.93700	-.01430	.07900	.00240	.01260	.01690	.05970	.85870	.37530	2.28810
.904	-4.100	.95000	-.01490	.05030	-.00170	.00610	.01590	.06130	.87110	.37950	2.29500
.904	-2.030	.94780	-.00990	.01070	.00080	.00090	.01880	.06310	.86790	.38140	2.27540
.904	.040	.94830	-.00090	-.02310	.00180	-.00040	.02160	.06330	.86730	.38420	2.25740
.904	2.110	.95710	-.00080	-.05090	.00180	-.00250	.02270	.06350	.87470	.38920	2.24690
.904	4.170	.96010	-.00550	-.08010	.00220	-.00570	.01860	.06280	.87900	.38660	2.27860
.904	6.300	.94980	-.00550	-.11170	-.00020	-.01230	.01410	.06230	.87150	.37800	2.30490
.904	8.380	.93380	-.00390	-.13870	-.00940	-.01840	.01410	.06110	.85680	.37140	2.30670
.904	10.400	.92120	-.00580	-.16700	-.01540	-.02500	.01340	.06080	.84570	.36540	2.31400
.904	.040	.96010	-.00280	-.02180	.00110	-.00020	.02260	.06500	.87740	.39050	2.24690
GRADIENT		.00143	.00135	-.01559	.00043	-.00131	.00045	.00016	.00109	.00106	-.00345

MS55 (PAS) NAR ATP CRB (D1C1D1F1M1) (M1E1) (V1K1R1)

(R76306) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 60. IN. XMRP = 3.4930 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 80/ 0 RN/L = 6.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.199	-10.360	1.14460	-.14450	.11240	.01520	.03640	.04980	.05070	1.03240	.49660	2.07870
1.199	-8.360	1.14210	-.13480	.08860	.01250	.02780	.05120	.05440	1.02940	.49710	2.07060
1.199	-6.220	1.14400	-.12600	.05240	.01000	.01930	.05150	.05640	1.03090	.49860	2.06750
1.199	-4.120	1.14440	-.12220	.02040	.00810	.01240	.05230	.05700	1.03090	.49960	2.06350
1.199	-2.020	1.15440	-.12270	-.00880	.00340	.00350	.05320	.05870	1.03950	.50470	2.05960
1.199	.060	1.15910	-.12070	-.03560	.00490	.00050	.05440	.05990	1.04330	.50790	2.05380
1.199	2.160	1.15600	-.12220	-.06310	.00220	-.00220	.05280	.06030	1.04110	.50510	2.05280
1.199	4.240	1.16140	-.12070	-.08800	-.00070	-.00770	.05150	.05980	1.04660	.50820	2.06740
1.199	6.400	1.16010	-.12140	-.11650	-.00330	-.01580	.05080	.05750	1.04560	.50510	2.06990
1.199	8.490	1.16280	-.12330	-.14650	-.00560	-.02400	.04950	.05720	1.04860	.50510	2.07800
1.199	10.510	1.16210	-.12640	-.17370	-.00870	-.02990	.04840	.05600	1.04840	.50360	2.08170
1.199	.070	1.14970	-.12130	-.03580	.00420	.00080	.05390	.05890	1.03500	.50360	2.05510
GRADIENT		.00170	.00017	-.01307	-.00100	-.00229	-.00010	.00034	.00158	.00065	.00045

RUN NO. 90/ 0 RN/L = 7.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.958	-10.460	.81270	-.11540	.12120	.01770	.02140	.04850	.02840	.73130	.35790	2.04320
1.958	-8.450	.82720	-.12010	.09410	.01460	.01800	.04830	.02900	.74450	.36380	2.04650
1.958	-6.300	.84200	-.12360	.06400	.01160	.01480	.04810	.02950	.75800	.36970	2.05000
1.958	-4.160	.84510	-.12330	.03100	.00950	.01110	.04810	.02930	.76080	.37100	2.05060
1.958	-2.060	.84940	-.12090	.00280	.00690	.00760	.04940	.02840	.76410	.37410	2.04250
1.958	.030	.84940	-.11860	-.02090	.00350	.00300	.05000	.02770	.76390	.37470	2.03850
1.958	2.160	.85620	-.11870	-.04400	-.00020	-.00280	.04950	.02760	.77030	.37710	2.04230
1.958	4.290	.85710	-.12070	-.06770	-.00370	-.00720	.04830	.02810	.77160	.37630	2.05040
1.958	6.420	.85650	-.12220	-.09870	-.00680	-.01160	.04740	.02910	.77150	.37510	2.05630
1.958	8.540	.86000	-.12210	-.12930	-.00940	-.01500	.04760	.02870	.77440	.37700	2.05360
1.958	10.540	.85580	-.11940	-.15630	-.01280	-.01820	.04800	.02840	.77050	.37570	2.05080
1.958	.040	.83790	-.11590	-.02100	.00300	.00250	.04940	.02770	.75360	.36930	2.04120
GRADIENT		.00146	.00035	-.01161	-.00159	-.00223	.00002	-.00015	.00132	.00065	-.00003

MS55 (PAS) MAR ATP CRB (BIC101F1M1) (M1E1) (V1K1R1)

(RP6306) ( 03 NOV 92 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4550 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIC = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDLV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 26/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.150	.81640	-.07820	.10410	.01530	.01590	.05250	.01470	.59420	.27500	2.01510
2.990	-8.200	.62390	-.07990	.07850	.01330	.01290	.05090	.01470	.56170	.27630	2.03280
2.990	-6.150	.62670	-.08260	.05310	.01110	.00970	.05000	.01470	.56650	.27720	2.04340
2.990	-4.080	.63260	-.08320	.03050	.00840	.00690	.04890	.01460	.57050	.27770	2.05400
2.990	-2.010	.63600	-.08400	.00840	.00510	.00410	.04890	.01450	.57360	.27890	2.05630
2.990	.010	.64020	-.08300	-.01420	.00170	.00140	.04870	.01410	.57750	.28040	2.05950
2.990	2.060	.64150	-.08350	-.03550	-.00130	-.00120	.04920	.01450	.57840	.28150	2.05630
2.990	4.130	.64410	-.08500	-.05790	-.00460	-.00410	.05020	.01400	.58060	.28320	2.04960
2.990	6.200	.64360	-.08230	-.08000	-.00770	-.00700	.05050	.01440	.58000	.28340	2.04660
2.990	8.210	.64470	-.08090	-.10460	-.01040	-.01030	.05150	.01470	.58070	.28470	2.03940
2.990	10.180	.64020	-.07890	-.12930	-.01280	-.01370	.05300	.01470	.57600	.28440	2.02510
	GRADIENT	.00158	-.00014	-.01067	-.00158	-.00133	.00014	-.00007	.00122	.00065	-.00043

RUN NO. 25/ 0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.020	.48440	-.05550	.07020	.01470	.01180	.05300	.00340	.43270	.22400	1.93150
4.959	-8.100	.49200	-.05520	.05380	.01290	.01000	.05080	.00360	.44060	.22480	1.95980
4.959	-6.060	.49810	-.05720	.03570	.01000	.00810	.04850	.00380	.44720	.22470	1.99030
4.959	-4.030	.50260	-.05980	.01880	.00740	.00580	.04700	.00390	.45190	.22510	2.00710
4.959	-2.010	.50820	-.06000	.00350	.00470	.00360	.04540	.00390	.45760	.22560	2.02770
4.959	.000	.50950	-.05750	-.01110	.00200	.00130	.04640	.00260	.45840	.22710	2.01850
4.959	2.040	.51450	-.05770	-.02640	-.00120	-.00110	.04650	.00290	.46280	.22890	2.02150
4.959	4.050	.51200	-.05770	-.04160	-.00420	-.00390	.04700	.00330	.46060	.22860	2.01440
4.959	6.110	.51060	-.05870	-.05970	-.00740	-.00690	.04840	.00350	.45880	.22940	1.99980
4.959	8.110	.50770	-.05620	-.07440	-.00990	-.00850	.05020	.00380	.45540	.23000	1.97950
4.959	10.040	.50590	-.05640	-.09410	-.01210	-.01090	.05220	.00390	.45300	.23120	1.95910
	GRADIENT	.00125	.00032	-.00746	-.00144	-.00119	.00005	-.00011	.00112	.00051	.00042



MS55 (PAS) NAR ATP CRB (BICIDIFIM) (MIE) (VIKIR)

(R76307) (03 NOV 72)

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 30.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDATL = .000

RUN NO. 192/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.594	-10.120	1.15660	-.04750	.06490	.02360	.01910	-.02720	.06960	.97810	.58350	1.67620
.594	-8.170	1.16620	-.04880	.06980	.01650	.02000	-.02610	.07000	1.00330	.59900	1.67470
.594	-6.190	1.17820	-.04370	.05530	.01660	.01170	-.02370	.06910	1.00930	.60840	1.65870
.594	-4.100	1.17490	-.04000	.04070	.01390	.00210	-.02060	.06970	1.00470	.60930	1.64880
.594	-2.060	1.16390	-.03390	.01880	.01010	.00070	-.02220	.07240	1.01310	.61290	1.65270
.594	.000	1.17860	-.03030	-.00750	.00420	.00280	-.02050	.07210	1.00760	.61160	1.64740
.594	2.040	1.17510	-.03080	-.02540	-.00230	.00000	-.02310	.07460	1.00610	.60750	1.65610
.594	4.050	1.16150	-.03750	-.04660	-.00360	-.00410	-.02250	.07220	1.01120	.61160	1.65330
.594	6.140	1.18100	-.04450	-.06140	-.00730	-.01050	-.02750	.07410	1.01360	.60670	1.67060
.594	8.130	1.17050	-.04700	-.06750	-.01140	-.01810	-.03370	.08000	1.00820	.59540	1.69310
.594	10.110	1.13290	-.04280	-.07290	-.02070	-.02160	-.02900	.07590	.97420	.57890	1.66270
.594	.000	1.17970	-.03030	-.00570	.00470	.00090	-.01990	.07250	1.00830	.61270	1.64570
GRADIENT		.00021	.00040	-.01073	-.00232	-.00064	-.00021	.00035	.00029	-.00004	.00061

RUN NO. 27/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.130	1.02420	-.12130	.08410	.01800	.02370	.04720	.01450	.84150	.58580	1.43630
2.990	-8.180	1.03180	-.12380	.06150	.01520	.02010	.04600	.01410	.84840	.58890	1.44050
2.990	-6.110	1.03610	-.12690	.03790	.01250	.01610	.04470	.01440	.85440	.59130	1.44500
2.990	-4.060	1.04430	-.13010	.01630	.00950	.01180	.04370	.01440	.86010	.59370	1.44860
2.990	-2.010	1.04830	-.13120	-.00390	.00570	.00750	.04310	.01450	.86390	.59530	1.45060
2.990	.020	1.05110	-.13110	-.02320	.00230	.00280	.04280	.01440	.86630	.59680	1.45160
2.990	2.070	1.05340	-.13220	-.04700	.00030	-.00290	.04310	.01450	.86810	.59830	1.45090
2.990	4.140	1.05590	-.13150	-.06690	-.00330	-.00770	.04330	.01430	.86990	.60000	1.44980
2.990	6.210	1.05640	-.12990	-.08590	-.00700	-.01200	.04400	.01450	.87010	.60080	1.44810
2.990	8.220	1.05230	-.12660	-.10740	-.01020	-.01610	.04490	.01470	.86810	.59930	1.44520
2.990	10.190	1.05060	-.12390	-.12950	-.01320	-.02030	.04570	.01470	.86420	.59910	1.44240
GRADIENT		.00136	-.00019	-.01023	-.00151	-.00241	-.00002	.00001	.00116	.00075	.00013

N55 (P43) NAR ATP ORB (SICIDIF1H1) (ME1) (VIK1R1)

(R76307) ( 03 NOV 72 )

REFERENCE DATA

BREP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 SREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 30.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 TBDAIL = .000

RUN NO. 26/ 0 RNL = 4.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.010	.87830	-.09560	.05280	.01540	.01990	.05310	.00230	.72020	.50550	1.42470
4.959	-8.000	.88620	-.09750	.03630	.01340	.01700	.05120	.00260	.72780	.50810	1.43230
4.959	-6.040	.89670	-.10060	.01900	.01070	.01350	.04920	.00310	.73780	.51190	1.44120
4.959	-4.020	.89790	-.09900	.00500	.00840	.00990	.04850	.00320	.73920	.51200	1.44360
4.959	-2.000	.90710	-.10150	-.01010	.00500	.00610	.04790	.00340	.74730	.51630	1.44720
4.959	.010	.90830	-.10020	-.02300	.00260	.00190	.04800	.00340	.74830	.51710	1.44680
4.959	2.030	.91290	-.10090	-.03640	-.00010	-.00220	.04810	.00360	.75210	.51970	1.44700
4.959	4.050	.91220	-.10080	-.05160	-.00330	-.00590	.04810	.00360	.75150	.51930	1.44710
4.959	6.120	.91150	-.09940	-.06450	-.00670	-.00980	.04840	.00360	.75070	.51920	1.44600
4.959	8.120	.90990	-.09910	-.08140	-.00930	-.01360	.04930	.00360	.74880	.51920	1.44200
4.959	10.040	.90440	-.09840	-.09710	-.01140	-.01700	.05090	.00370	.74340	.51750	1.43640
GRADIENT		.00171	-.00016	-.00692	-.00141	-.00198	-.00003	.00005	.00146	.00089	.00034

MS55 (PAS) MAR ATP ORB (BIC1D1F1M1) (M1E1) (V1K1R1)

(R76308) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4180 SQ. IN. YMRP = 3.4930 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 50.000 CNF16 = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 ISDELV = .000 AILRON = .000  
 CBSAIL = .000 ISDAIL = .000

RUN NO. 193/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.000	1.79820	-.19510	.01280	-.00260	.00070	.05140	.01340	1.07670	1.44050	.74740
2.990	-10.080	1.78570	-.18820	.07770	.01590	.02530	.03450	.01360	1.05490	1.41630	.74480
2.990	-8.150	1.77730	-.19250	.06260	.01270	.02070	.03280	.01370	1.06330	1.42480	.74630
2.990	-6.120	1.76710	-.19460	.04820	.00950	.01560	.03220	.01410	1.06950	1.43210	.74670
2.990	-4.070	1.76480	-.19500	.03570	.00600	.01070	.03160	.01390	1.07450	1.43790	.74730
2.990	-2.030	1.79910	-.19660	.02300	.00160	.00590	.03110	.01360	1.07760	1.44110	.74770
2.990	.000	1.80010	-.19630	.01210	-.00290	.00090	.03070	.01360	1.07840	1.44170	.74800
2.990	2.020	1.79720	-.19420	.00150	-.00650	-.00430	.03100	.01340	1.07840	1.43950	.74770
2.990	4.030	1.79170	-.19090	-.01060	-.01060	-.00940	.03130	.01330	1.07280	1.43530	.74740
2.990	6.110	1.78350	-.18850	-.02620	-.01430	-.01440	.03190	.01310	1.06750	1.42910	.74690
2.990	8.120	1.77570	-.18300	-.04010	-.01790	-.01970	.03230	.01290	1.06230	1.42320	.74640
GRADIENT	-.00040	.00052	-.00563	-.00204	-.00249	-.00003	-.00003	-.00007	-.00023	-.00033	.00001

RUN NO. 194/ 0 RN/L = 4.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.000	1.67880	-.19320	.06830	.01240	.02500	.04610	.00250	1.00660	1.34430	.74880
4.959	-8.080	1.68740	-.19560	.05660	.01020	.02020	.04520	.00280	1.01260	1.35050	.74980
4.959	-6.070	1.69730	-.19770	.04320	.00750	.01500	.04300	.00290	1.02040	1.35700	.75190
4.959	-4.030	1.70140	-.19990	.03210	.00410	.00980	.04190	.00300	1.02380	1.35960	.75300
4.959	-2.020	1.70640	-.19740	.02320	.00120	.00440	.04180	.00300	1.02690	1.36350	.75310
4.959	.000	1.70860	-.19620	.01150	-.00230	-.00110	.04080	.00290	1.02910	1.36480	.75400
4.959	2.010	1.70920	-.20040	-.00010	-.00540	-.00660	.04170	.00280	1.02870	1.36560	.75320
4.959	4.000	1.70660	-.19810	-.01010	-.00870	-.01180	.04190	.00290	1.02690	1.36570	.75300
4.959	6.080	1.69940	-.19670	-.02460	-.01150	-.01690	.04150	.00290	1.02280	1.35780	.75320
4.959	8.060	1.69200	-.19150	-.03700	-.01430	-.02170	.04130	.00280	1.01840	1.35180	.75330
4.959	10.000	1.68000	-.19010	-.05040	-.01690	-.02620	.04230	.00300	1.01020	1.34290	.75220
GRADIENT	.00066	.00003	-.00336	-.00160	-.00270	-.00001	-.00002	.00040	.00051	.00001	.00001

NS95 (FAS) NAR ATP CRB (BICIDIFIMI) (WEL) (VIKIRI)

(R76309) ( 03 NOV 72 )

REFERENCE DATA

SREP = 7.4190 SQ. IN.    XARP = 3.4550 IN.  
 LREP = 2.1020 IN.    YMRP = .0000 IN.  
 SREP = 4.0300 IN.    ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000    CONFIG = 3.000  
 RUDDER = .000    RUDFLR = 10.000  
 ELEVTR = 10.000    CBDELV = 10.000  
 IBDLV = 10.000    AILRON = .000  
 CBDAIL = .000    IBDAIL = .000

RUN NO. 187/ 0    RN/L = 4.95    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.895	.830	.19950	-.08870	.02020	-.00080	.00050	.04540	.02530	.19880	.04850	4.11390
.895	2.800	.28900	-.09420	.01850	-.00040	.00020	.04370	.02510	.28650	.05780	4.95850
.895	4.900	.38510	-.10370	.01630	.00030	.00040	.03890	.02460	.38030	.07170	5.29880
.895	7.030	.48820	-.11820	.01330	.00020	.00100	.03360	.02480	.49030	.09440	5.19110
.895	9.130	.58410	-.12030	.01400	.00010	.00090	.03180	.02710	.57170	.12410	4.60400
.895	11.220	.67080	-.12460	.01060	.00000	.00110	.03120	.02930	.65190	.16110	4.04520
.895	13.310	.76170	-.12880	.00720	.00010	.00150	.02990	.03200	.73430	.20450	3.58940
.895	15.370	.82470	-.12040	.00850	-.00010	.00220	.02860	.03650	.78760	.24630	3.19730
.895	17.490	.89700	-.11490	.00460	-.00090	.00260	.02660	.04280	.84750	.29510	2.87140
.895	19.540	.94620	-.10770	.00280	-.00180	.00120	.02500	.05000	.88330	.34010	2.59660
.895	21.530	.97500	-.09310	.00200	-.00120	-.00150	.02290	.05770	.89860	.37920	2.36950
.895	11.220	.67180	-.12180	.00890	.00070	.00140	.03110	.02970	.65290	.16130	4.04690
GRADIENT		.04560	-.00369	-.00096	.00027	-.00002	-.00160	-.00017	.04460	.00576	.28972

RUN NO. 188/ 0    RN/L = 6.30    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.905	.830	.12320	-.06110	.02340	-.00110	.00020	.06180	.03460	.12230	.06360	1.92180
.905	2.860	.22650	-.07480	.01970	-.00020	.00040	.06010	.03410	.22320	.07140	3.12290
.905	5.100	.36050	-.09490	.01660	.00000	.00110	.05790	.03360	.35400	.08980	3.94110
.905	7.340	.49420	-.11550	.01120	.00050	.00280	.05300	.03420	.48330	.11580	4.17300
.905	9.920	.60450	-.12460	.00810	.00030	.00260	.05380	.03950	.58720	.15320	3.83260
.905	11.710	.70060	-.13060	.00180	.00140	.00460	.05470	.04270	.67480	.19580	3.44530
.905	13.920	.81120	-.14130	-.00660	.00270	.00720	.05660	.04890	.77370	.25020	3.09210
.905	16.080	.90050	-.14260	-.01480	.00390	.00790	.05780	.05470	.84920	.30500	2.78370
.905	18.260	.97160	-.13000	-.00570	-.00040	.00200	.05750	.06230	.90460	.35910	2.51870
.905	20.380	1.01430	-.10620	.00260	-.00180	-.00410	.05590	.06890	.93130	.40570	2.29520
.905	22.400	1.09360	-.09150	-.00620	.00100	-.00120	.05190	.07070	.95420	.44970	2.12190
.905	11.730	.70900	-.13190	.00260	.00110	.00470	.05440	.04470	.67920	.19670	3.43200
GRADIENT		.05039	-.00668	-.00180	.00044	.00010	-.00083	-.00024	.04922	.00580	.58590

M555 (PA3) MAR ATP ORB (B1C1D1F1H1) (MIE1) (V1K1R1)

(R76309) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4550 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = 10.000 OBDLV = 10.000  
 IBDLV = 10.000 AILRON = .000  
 OBDAIL = .000 IBDAIL = .000

RUN NO. 185/ 0 RN/L = 6.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.197	.890	.19190	-.06900	.01370	.00070	.00110	.09250	.04570	.15040	.09480	1.58560
1.197	3.030	.26260	-.10150	.01120	.00170	.00120	.09520	.04460	.27730	.11000	2.52040
1.197	5.280	.41900	-.13390	.00640	.00230	.00110	.09530	.04450	.40840	.13350	3.05930
1.197	7.560	.55420	-.16320	.00290	.00280	.00090	.09450	.04600	.53690	.16660	3.22200
1.197	9.820	.68610	-.19020	-.00170	.00370	.00100	.09420	.04970	.66200	.21020	3.14910
1.197	12.090	.82110	-.21310	-.00790	.00400	.00180	.09760	.05020	.78250	.26740	2.92540
1.197	14.340	.95640	-.22110	-.01120	.00430	.00090	.10060	.05360	.88230	.32950	2.67760
1.197	16.550	1.03140	-.22140	-.01470	.00400	.00430	.10100	.05660	.95980	.39070	2.45640
1.197	18.830	1.14080	-.22530	-.02000	.00510	.00360	.10440	.05770	1.04600	.46720	2.23890
1.197	21.040	1.22120	-.22120	-.02310	.00410	.00410	.10270	.06010	1.10290	.53440	2.06380
1.197	23.080	1.25640	-.20200	-.02240	.00410	.00230	.09650	.06450	1.11790	.58140	1.92250
1.197	25.090	.82530	-.21310	-.00750	.00410	.00200	.09730	.05090	.78660	.26820	2.93250
	GRADIENT	.06117	-.01519	-.00117	.00047	.00005	.00126	-.00051	.05930	.00710	.43682

RUN NO. 145/ 0 RN/L = 6.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.956	.790	.08470	-.05330	.01480	.00070	.00000	.07740	.02620	.08360	.07860	1.06320
1.956	2.850	.16470	-.06760	.01250	.00110	-.00010	.07840	.02630	.16060	.08630	1.65570
1.956	5.050	.23350	-.08510	.00990	.00160	.00020	.08090	.02730	.24540	.10290	2.38360
1.956	7.250	.33490	-.10000	.00700	.00220	.00030	.08260	.02810	.32180	.12430	2.58900
1.956	9.420	.41360	-.11350	.00520	.00280	.00060	.08420	.02820	.39420	.15080	2.61280
1.956	11.610	.49540	-.12760	.00320	.00320	.00090	.08580	.02730	.46790	.18380	2.54550
1.956	13.800	.57970	-.14080	.00150	.00300	.00150	.08700	.02690	.54210	.22280	2.43300
1.956	15.980	.65400	-.14880	-.00140	.00310	.00190	.08580	.02730	.60500	.26260	2.30380
1.956	18.220	.73720	-.15940	-.00480	.00270	.00270	.08480	.02740	.67370	.31110	2.16510
1.956	20.350	.80640	-.16160	-.00710	.00320	.00300	.08330	.02680	.72710	.35850	2.02780
1.956	22.460	.86770	-.17180	-.01010	.00410	.00410	.08310	.02610	.78860	.41610	1.89510
1.956	24.590	.92620	-.18110	-.01420	.00510	.00080	.08430	.02740	.84930	.48040	1.75470
	GRADIENT	.03883	-.00694	-.00112	.00019	-.00003	.00049	.00005	.03738	.00383	.38471

NS35 (FAS) NAR ATP CRB (BICIDIFIMI) (WIEI) (VIKIRI)

(R76309) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 80. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = 10.000 CBDELV = 10.000  
 IBDELV = 10.000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 137/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.660	.02660	-.04320	.00670	.00130	-.00040	.07110	.01270	.02770	.07150	.38850
2.990	2.620	.08050	-.04910	.00830	.00140	-.00020	.07150	.01310	.07720	.07510	1.02770
2.990	4.720	.14050	-.05410	.00720	.00170	.00000	.07140	.01330	.13410	.08270	1.62150
2.990	6.780	.19780	-.06310	.00350	.00180	.00000	.07110	.01340	.18780	.09390	1.99870
2.990	8.860	.23970	-.07100	.00340	.00180	.00020	.07090	.01360	.24560	.11000	2.23150
2.990	10.930	.32370	-.07970	.00230	.00200	.00040	.07070	.01350	.30440	.13090	2.32570
2.990	13.040	.39330	-.08800	.00150	.00210	.00090	.07100	.01350	.36710	.15800	2.32360
2.990	15.100	.46360	-.09930	-.00180	.00230	.00090	.07130	.01340	.42900	.18970	2.26150
2.990	17.230	.54030	-.10970	-.00360	.00260	.00130	.07140	.01330	.49480	.22830	2.16710
2.990	19.300	.61640	-.12140	-.00660	.00360	.00120	.07200	.01340	.55800	.27180	2.05270
2.990	21.290	.69390	-.13220	-.00740	.00390	.00150	.07280	.01380	.62010	.31980	1.93830
	GRADIENT	.02737	-.00268	-.00037	.00010	.00010	.00007	.00015	.02622	.00277	.30345

RUN NO. 138/ 0 RN/L = 4.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.640	-.00810	-.03270	.00570	.00130	.00000	.06300	.00310	-.00890	.06290	-.14160
4.959	2.570	.03390	-.03800	.00570	.00120	-.00010	.06160	.00320	.03110	.06310	.49310
4.959	4.630	.07710	-.04120	.00500	.00140	.00020	.06170	.00330	.07180	.06780	1.06010
4.959	6.660	.12090	-.04860	.00270	.00150	.00000	.06110	.00350	.11300	.07470	1.51270
4.959	8.690	.17100	-.05430	.00100	.00190	.00020	.05960	.00360	.16010	.08470	1.88840
4.959	10.730	.22390	-.06030	.00030	.00190	.00040	.05870	.00350	.20910	.09940	2.10350
4.959	12.790	.28300	-.06680	-.00080	.00270	.00090	.05900	.00360	.26290	.12020	2.18600
4.959	14.810	.34010	-.07400	-.00200	.00270	.00100	.05920	.00370	.31360	.14420	2.17490
4.959	16.900	.40800	-.08480	-.00320	.00270	.00120	.05980	.00370	.37290	.17580	2.12060
4.959	18.950	.47720	-.09630	-.00600	.00330	.00140	.06130	.00380	.43140	.21300	2.02500
4.959	20.890	.54650	-.10710	-.00830	.00360	.00120	.06300	.00380	.48810	.25380	1.92280
	GRADIENT	.02135	-.00212	-.00018	.00003	.00005	-.00032	.00005	.02022	.00124	.30089

M55 (FAS) NAR ATP CRB (SICIDIFINI) (MIEI) (VIKIRI)

(R76310) (03 NOV 72)

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = 10.000 CSDLV = 10.000  
 IBDLV = 10.000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 188/ 0 RN/L = 4.95 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.593	22.040	.96430	-.08530	-.01210	.00390	-.00260	.02260	.03760	.86530	.36290	2.31170
.593	23.970	.99160	-.07990	-.01260	.00460	-.00230	.02020	.06140	.89780	.42140	2.13010
.593	26.020	1.04210	-.08190	-.00460	.00300	-.00280	.01810	.06470	.92640	.47350	1.96050
.593	28.100	1.09130	-.08420	.00650	.00150	-.00640	.01660	.06760	.95460	.52870	1.80580
.593	30.150	1.15490	-.09600	.00210	.00760	-.00910	.01640	.07140	.99030	.59440	1.66590
.593	32.250	1.22860	-.10170	-.01660	.01190	-.00420	.01330	.07360	1.03230	.66660	1.54840
.593	34.310	1.31230	-.10050	-.02650	.01000	.00200	.01030	.07570	1.07800	.74640	1.44040
.593	36.360	1.37000	-.09710	-.02440	.00650	.00240	.00580	.07760	1.09970	.81700	1.34600
.593	38.490	1.43970	-.09900	-.02240	.00400	.00120	-.00020	.07920	1.12700	.89580	1.25790
.593	40.530	1.50160	-.10030	-.02320	.00560	-.00020	-.00550	.08120	1.14480	.97170	1.17610
.593	42.630	1.56260	-.10080	-.02310	.00600	.00020	-.01000	.08160	1.15820	1.04690	1.10420
.593	32.240	1.23660	-.10190	-.01630	.01200	-.00380	.01500	.07410	1.03970	.67370	1.54310
GRADIENT		.03061	-.00106	-.00111	.00013	.00026	-.00154	.00116	.01467	.03321	-.05772

RUN NO. 189/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.902	22.920	1.04920	-.08690	-.01340	.00380	-.00260	.03390	.06730	.94530	.45840	2.06180
.902	24.940	1.11460	-.08570	-.01450	.00480	-.00100	.03140	.06920	.98890	.51670	1.91400
.902	27.070	1.17940	-.09090	-.02040	.00690	.00000	.03010	.07040	1.02730	.58140	1.76670
.902	29.190	1.25610	-.09990	-.02570	.00990	.00030	.04800	.07190	1.07480	.65570	1.63920
.902	31.390	1.34510	-.10060	-.03630	.01130	.00460	.04640	.07090	1.12390	.74040	1.51780
.902	33.550	1.42970	-.09830	-.04060	.01160	.00620	.04260	.07210	1.16790	.82590	1.41410
.902	35.690	1.50470	-.09380	-.03390	.00810	.00600	.03550	.07360	1.20130	.90680	1.32470
.902	37.810	1.55900	-.08470	-.01610	.00130	.00270	.02640	.07610	1.21540	.97680	1.24420
.902	39.940	1.60410	-.08140	-.00900	-.00040	-.00150	.01970	.07670	1.21700	1.04510	1.16430
.902	42.010	1.66170	-.08360	-.01400	.00140	-.00110	.01480	.07570	1.22450	1.12330	1.09010
.902	44.080	1.72370	-.08260	-.01910	.00210	-.00020	.01020	.07540	1.23100	1.20650	1.02030
.902	33.530	1.42740	-.09840	-.04110	.01170	.00840	.04140	.07230	1.16690	.82300	1.41780
GRADIENT		.03244	.00041	.00012	-.00027	.00007	-.00216	.00041	.01410	.03572	-.04622

MS55 (FAS) MAR ATP CRB (BICIDIF1H1) (MIE1) (V1K1R1)

(R76310) ( 03 NOV 72 )

REFERENCE DATA

XREF = 7.4190 SQ. IN.    XMRP = 3.4530 IN.  
 LREF = 2.1020 IN.        YMRP = .0000 IN.  
 BREF = 4.0300 IN.        ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000    CONFIG = 3.000  
 RUDDER = .000    RUOFLR = 10.000  
 ELEVTR = 10.000    C6DELV = 10.000  
 TBDELV = 10.000    AILRON = .000  
 CBDAIL = .000        TBDAIL = .000

RUN NO. 136/ 0    RN/L = 4.11    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.830	.86830	-.13390	-.00800	.00410	.00110	.07160	.01390	.61230	.32250	1.89870
2.990	23.600	.78490	-.14500	-.01010	.00450	.00110	.07240	.01410	.67030	.37480	1.78820
2.990	25.920	.69030	-.15880	-.01380	.00540	.00120	.07330	.01430	.73270	.43770	1.67390
2.990	28.020	.53840	-.17060	-.01860	.00600	.00130	.07470	.01440	.79330	.50690	1.56490
2.990	30.130	1.02770	-.18440	-.01840	.00580	.00170	.07580	.01440	.85080	.58150	1.46300
2.990	32.230	1.12020	-.19790	-.01830	.00460	.00330	.07730	.01450	.90630	.66300	1.36690
2.990	34.370	1.21590	-.21010	-.01820	.00360	.00470	.07900	.01450	.95890	.75170	1.27560
2.990	36.460	1.30960	-.22450	-.02180	.00330	.00540	.08080	.01450	1.00520	.84330	1.19190
2.990	38.610	1.40640	-.23660	-.02710	.00520	.00470	.08230	.01460	1.04750	.94210	1.11180
2.990	40.700	1.49620	-.25090	-.03250	.00610	.00470	.08380	.01460	1.08110	1.04050	1.03890
2.990	42.700	1.58500	-.26230	-.03590	.00670	.00430	.08490	.01430	1.10710	1.13740	.97330
GRADIENT		.04334	-.00828	-.00121	.00005	.00023	.00067	.00002	.02420	.03935	-.04431

RUN NO. 135/ 0    RN/L = 4.79    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.420	.58460	-.10870	-.00950	.00350	.00110	.06440	.00320	.50210	.26610	1.88620
4.959	23.370	.63880	-.11820	-.01010	.00390	.00130	.06620	.00340	.56010	.31420	1.78240
4.959	25.440	.72010	-.13030	-.01250	.00440	.00150	.06900	.00350	.62060	.37180	1.66910
4.959	27.520	.80480	-.14350	-.01540	.00420	.00190	.07120	.00360	.68070	.43510	1.56450
4.959	29.560	.89060	-.15720	-.01720	.00390	.00230	.07460	.00370	.73780	.50440	1.46280
4.959	31.620	.97810	-.17080	-.01840	.00470	.00270	.07790	.00370	.79190	.57920	1.36720
4.959	33.660	1.06830	-.18710	-.02240	.00480	.00270	.08100	.00370	.84400	.65990	1.27880
4.959	35.740	1.15760	-.19930	-.02420	.00530	.00280	.08410	.00360	.89030	.74460	1.19560
4.959	37.870	1.25140	-.21440	-.02650	.00540	.00290	.08600	.00350	.93500	.83620	1.11810
4.959	39.890	1.33830	-.22960	-.03000	.00610	.00290	.08790	.00360	.97040	.92580	1.04820
4.959	41.870	1.42300	-.24310	-.03230	.00650	.00330	.08970	.00350	1.00130	1.01790	.98360
GRADIENT		.04235	-.00868	-.00114	.00013	.00011	.00131	.00001	.02478	.03702	-.04432



M555 (FAS) MAR ATP ORB (BICIDIFIMI) (WAEI) (VIKIRI)

(RT6311) (03 NOV 72)

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 8.4550 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = -20.000 OBDELV = -20.000  
 IBDELV = -20.000 AILRON = .000  
 OBDAIL = .000 IBDAIL = .000

RUN NO. 42/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.997	.430	-.41090	.20930	.03540	-.00600	-.00110	.06580	.02650	-.41130	.06270	-6.55330
.997	2.420	-.32540	.20260	.03630	-.00560	-.00060	.06500	.02640	-.32780	.05120	-6.40110
.997	4.530	-.23440	.19520	.03280	-.00510	.00000	.06010	.02740	-.23840	.04130	-5.76040
.997	6.650	-.14390	.19120	.03300	-.00510	.00070	.05520	.02450	-.14930	.03810	-3.91030
.997	8.720	-.05660	.18660	.03120	-.00490	.00130	.04780	.02360	-.06320	.03670	-1.63470
.997	10.830	.04700	.17620	.02820	-.00510	.00110	.04160	.02260	.03840	.04970	.77260
.997	12.940	.15640	.16780	.02610	-.00460	.00110	.03540	.02310	.14450	.06960	2.07560
.997	15.030	.25710	.15950	.02090	-.00440	.00180	.02900	.02460	.24080	.09470	2.34180
.997	17.230	.37250	.15260	.02090	-.00470	.00220	.02200	.02850	.34930	.13130	2.65860
.997	19.290	.46890	.14360	.01700	-.00500	.00200	.01960	.02870	.43600	.17340	2.51430
.997	21.270	.54980	.13660	.01130	-.00380	.00100	.01470	.03260	.50700	.21320	2.37730
.997	10.840	.05250	.17810	.02900	-.00460	.00090	.04090	.02310	.04370	.05000	.87380
GRADIENT		.04505	-.00344	-.00064	.00022	.00027	-.00140	.00022	.04217	-.00521	.19450

RUN NO. 41/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.902	.290	-.41800	.24160	.03540	-.00720	-.00370	.09220	.04700	-.41850	.09000	-4.64510
.902	2.380	-.30600	.22590	.03330	-.00660	-.00360	.08880	.04490	-.30940	.07600	-4.06740
.902	4.600	-.18960	.21030	.03000	-.00590	-.00200	.08000	.04370	-.19540	.06450	-3.02670
.902	6.840	-.05230	.18820	.02740	-.00530	-.00110	.07000	.04180	-.06030	.06320	-.95290
.902	9.060	.09060	.16790	.02320	-.00450	.00000	.06150	.04150	.07980	.07910	1.06310
.902	11.290	.22480	.15270	.01710	-.00390	.00000	.05590	.04250	.20960	.09840	2.12820
.902	13.510	.35940	.13140	.00950	-.00290	.00060	.04950	.04190	.33790	.13210	2.35660
.902	15.730	.47790	.12270	-.00120	-.00090	.00130	.04610	.04550	.44750	.17400	2.57070
.902	17.940	.56240	.12880	.00090	-.00300	.00070	.04710	.04700	.52050	.21810	2.38660
.902	20.060	.62650	.14500	.00300	-.00360	-.00110	.05450	.04900	.56980	.26610	2.14080
.902	22.050	.66800	.15370	-.00230	-.00010	-.00070	.05010	.05510	.60040	.29720	2.01980
.902	11.300	.23020	.15020	.01670	-.00420	-.00020	.05450	.04150	.21510	.09860	2.18160
GRADIENT		.05299	-.00726	-.00126	.00030	.00040	-.00284	-.00076	.05176	-.00591	.37646

N599 (FAS) NAR ATP ORB (SICIDIFIMI) (WIEI) (VIKIRI)

(R76311) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. WMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTB = -20.000 OBDLVB = -20.000  
 IBDLVB = -20.000 AILRON = .000  
 OBDAIL = .000 IBDAIL = .000

RUN NO. 40/ 0 RN/L = 6.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.199	.400	-.31900	.22410	.02680	-.00580	.00000	.12780	.04410	-.31990	.12550	-2.54860
1.199	2.560	-.18040	.19330	.02780	-.00560	.00000	.12120	.04560	-.18570	.11300	-1.84240
1.199	4.890	-.03660	.15950	.02700	-.00520	-.00040	.11350	.04630	-.04630	.10990	-.42120
1.199	7.140	.11500	.12430	.02110	-.00380	-.00070	.10400	.04880	.10110	.11750	.86120
1.199	9.420	.26200	.09450	.01600	-.00260	-.00040	.09630	.05060	.24270	.13790	1.75900
1.199	11.700	.39880	.07270	.01280	-.00260	-.00060	.09160	.05200	.37190	.17060	2.17940
1.199	13.970	.53290	.04960	.00860	-.00250	.00090	.08830	.05170	.49580	.21440	2.31180
1.199	16.240	.66200	.03170	.00290	-.00160	.00180	.08610	.05200	.61150	.26780	2.28310
1.199	18.520	.77130	.02140	.00300	-.00270	.00090	.08150	.05420	.70550	.32240	2.18820
1.199	20.710	.86510	.01620	-.00310	-.00130	.00340	.07580	.05370	.78240	.37690	2.07550
1.199	22.610	.94490	.01600	-.00440	-.00110	.00160	.07320	.05440	.84290	.43390	1.94140
1.199	11.700	.40280	.06920	.01270	-.00270	-.00050	.09160	.05140	.37580	.17140	2.19210
GRADIENT		.06341	-.01492	-.00040	.00014	-.00009	-.00321	.00049	.06148	-.00348	.47862

RUN NO. 101/ 0 RN/L = 7.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.961	.610	-.09470	.06960	.01940	+.00190	-.00010	.09770	.01860	-.09580	.09670	-.99080
1.961	2.670	-.01460	.05550	.01750	-.00160	-.00070	.09210	.02000	-.01890	.09130	-.20720
1.961	4.860	.06720	.04270	.01510	-.00110	-.00080	.08910	.02110	.05940	.09450	.62850
1.961	7.060	.14990	.02860	.01290	-.00020	-.00080	.08350	.02300	.13850	.10130	1.36640
1.961	9.210	.47310	-.01760	.00540	.00050	-.00040	.06430	.02780	.43770	.19090	2.29240
1.961	9.250	.23240	.01510	.01130	.00000	-.00070	.07860	.02470	.21670	.11490	1.88480
1.961	11.430	.31180	.00250	.00910	.00060	-.00030	.07340	.02690	.29100	.13370	2.17540
1.961	13.650	.39370	-.00780	.00810	.00060	-.00050	.06840	.02790	.36640	.15940	2.29880
1.961	15.610	.47310	-.01760	.00540	.00050	-.00040	.06430	.02780	.43770	.19090	2.29240
1.961	18.030	.54680	-.02080	.00300	.00050	-.00010	.06020	.02660	.50120	.22650	2.21240
1.961	20.240	.62800	-.02690	-.00080	.00100	.00080	.05670	.02610	.56960	.27060	2.10490
1.961	22.330	.70320	-.03230	-.00470	.00190	.00150	.05290	.02640	.63030	.31620	1.99330
1.961	11.440	.31530	.00260	.00980	.00040	-.00060	.07250	.02760	.29470	.13360	2.20460
GRADIENT		.03790	-.00634	-.00101	.00019	-.00016	-.00201	.00058	.03634	-.00049	.37921

MS55 (PAS) MAR ATP ORB (SIC1DIFIM1) (MIE1) (V1K1R1)

(R76311) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

SREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = -20.000 CBOELV = -20.000  
 IBDDELV = -20.000 AILRON = .000  
 CBOAIL = .000 IBDAIL = .000

RUN NO. 116/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.640	-.07030	.02860	.01140	-.00060	-.00160	.08350	.01090	-.07130	.08270	-.86220
2.990	2.560	-.01790	.02300	.00930	-.00050	-.00160	.07970	.01150	-.02150	.07890	-.27260
2.990	4.670	.03790	.01790	.00760	.00000	-.00130	.07630	.01200	.03150	.07910	.39870
2.990	6.740	.09450	.01370	.00770	.00010	-.00110	.07290	.01260	.08530	.08350	1.02150
2.990	8.810	.15420	.00760	.00590	.00000	-.00110	.06920	.01330	.14180	.09210	1.83920
2.990	10.690	.21570	.00390	.00560	.00010	-.00080	.06570	.01340	.19940	.10530	1.69290
2.990	12.990	.27850	-.00080	.00400	.00010	-.00050	.06220	.01340	.25740	.12320	2.08820
2.990	15.050	.34240	-.00590	.00180	.00020	-.00040	.05930	.01320	.31530	.14620	2.15570
2.990	17.200	.41090	-.00920	.00040	.00070	-.00030	.05650	.01310	.37580	.17550	2.14070
2.990	19.250	.47990	-.01330	-.00170	.00120	-.00030	.05380	.01330	.43530	.20900	2.08210
2.990	21.210	.54750	-.01620	-.00410	.00140	-.00040	.05100	.01360	.49190	.24570	2.00190
	GRADIENT	.02685	-.00265	-.00089	.00015	.00008	-.00178	.00027	.02551	-.00088	.31299

RUN NO. 115/ 0 RN/L = 4.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.620	-.07910	.01510	.00660	-.00040	-.00160	.07350	.00280	-.07990	.07260	-1.10110
4.959	2.550	-.04070	.01230	.00710	.00010	-.00110	.06920	.00300	-.04370	.06730	-.64970
4.959	4.600	.00700	.00550	.00530	.00000	-.00080	.06520	.00310	.00180	.06560	.02750
4.959	6.640	.04880	.00270	.00410	.00060	-.00060	.06100	.00320	.04140	.06620	.62530
4.959	8.670	.09490	-.00070	.00230	.00080	-.00010	.05690	.00330	.08530	.07050	1.20830
4.959	10.710	.14480	-.00080	.00270	.00090	.00000	.05310	.00330	.13230	.07910	1.67300
4.959	12.770	.19530	-.00490	.00150	.00070	.00020	.05250	.00130	.17690	.09440	1.89450
4.959	14.790	.24710	-.00730	-.00020	.00070	.00050	.04980	.00240	.22620	.11130	2.03230
4.959	16.970	.30430	-.00900	-.00320	.00120	.00070	.04800	.00280	.27720	.13430	2.06370
4.959	18.900	.36250	-.00950	-.00390	.00140	.00080	.04680	.00300	.32780	.16180	2.02370
4.959	20.840	.42200	-.01180	-.00450	.00170	.00080	.04680	.00310	.37770	.19390	1.94770
	GRADIENT	.02165	-.00242	-.00033	.00010	.00020	-.00208	.00008	.02054	-.00175	.28405

MS55 (PA3) MAR ATP ORD (SICIDIFIM1) (MIE1) (VIKIR1)

(R76312) ( 03 NOV 72 )

REFERENCE DATA

BREF \* 7.4190 SQ. IN. XMRP \* 3.4530 IN.  
 LREF \* 2.1020 IN. YMRP \* .0000 IN.  
 SREF \* 4.0300 IN. ZMRP \* .0000 IN.  
 SCALE \* .0040

PARAMETRIC DATA

BETA \* .000 CONFIG \* 3.000  
 RUDDER \* .000 RUDFLR \* 10.000  
 ELEVTR \* -20.000 CBDELV \* -20.000  
 IBDDELV \* -20.000 AILRON \* .000  
 CBDAIL \* .000 IBDAIL \* .000

RUN NO. 33/ 0 RN/L = 5.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.595	21.840	.56690	.13140	-.00560	.00070	.00100	.01270	.03330	.52150	.22270	2.34160
.595	23.770	.62180	.12340	-.00690	.00320	-.00150	.00850	.03680	.56560	.25850	2.18780
.595	25.050	.67590	.11860	-.00480	.00200	.00010	.00640	.03880	.60340	.30050	2.01450
.595	27.900	.73110	.11200	.00450	.00010	-.00430	.00610	.04460	.64320	.34760	1.85040
.595	29.960	.79230	.09650	.00210	.00440	-.00770	.00110	.04830	.68580	.39670	1.72880
.595	32.040	.87800	.09040	-.01080	.00930	-.00450	-.00560	.05350	.74720	.46100	1.62070
.595	34.140	.98200	.08850	-.01590	.00690	.00130	-.00890	.05700	.79290	.52690	1.50480
.595	36.200	1.03230	.09130	-.01430	.00620	.00250	-.01720	.06010	.84310	.59560	1.41490
.595	38.320	1.09810	.09150	-.01320	.00590	.00150	-.02580	.06190	.87750	.66060	1.32830
.595	40.560	1.16300	.08930	-.01410	.00590	.00000	-.03530	.06500	.90890	.72630	1.25140
.595	42.920	1.21910	.08530	-.01160	.00640	-.00150	-.04340	.06620	.93060	.78860	1.17990
.595	32.040	.86060	.08980	-.01200	.00910	-.00420	-.00550	.05330	.74940	.46230	1.62010
GRADIENT		.03286	-.00219	-.00062	.00029	.00009	-.00268	.00170	.02090	.02824	-.05597

RUN NO. 34/ 0 RN/L = 6.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.903	22.630	.67140	.15530	-.00720	.00150	-.00050	.05040	.05470	.60030	.30490	1.96840
.903	24.600	.72240	.15390	-.00660	.00200	-.00030	.04830	.05760	.63670	.34480	1.84660
.903	26.770	.80300	.14750	-.01040	.00390	.00000	.04960	.06000	.69440	.40610	1.70990
.903	28.910	.88270	.14340	-.01860	.00640	.00230	.04990	.05890	.74850	.47060	1.59030
.903	31.060	.95410	.14920	-.03220	.01020	.00850	.04500	.06300	.79390	.53100	1.49520
.903	33.220	1.03250	.14800	-.03530	.00870	.01060	.03890	.06540	.84240	.59820	1.40800
.903	35.350	1.10550	.14620	-.03480	.00610	.01180	.03140	.06680	.88340	.66540	1.32760
.903	37.460	1.15450	.15750	-.00920	-.00060	.00400	.02110	.06980	.90340	.71900	1.25650
.903	39.640	1.22130	.15830	.02890	-.00320	-.00820	.00780	.07220	.93540	.78520	1.19130
.903	41.720	1.29890	.14610	.03070	-.00050	-.00780	-.00900	.07190	.97410	.85630	1.13740
.903	43.760	1.37400	.12120	.03030	-.00200	-.00600	-.02470	.07210	1.00930	.93260	1.08220
.903	35.210	1.02850	.14610	-.03410	.00880	.01040	.03780	.06520	.83980	.59500	1.41120
GRADIENT		.03315	-.00060	.00201	-.00029	-.00032	-.00342	.00088	.01930	.02970	-.04126

M55 (FAS) WAR ATP CRB (B1C1D1F1H1) (M1E1) (V1K1R1)

(R70312) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

SREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = -20.000 OSDELV = -20.000  
 IBDELV = -20.000 AILRON = .000  
 OSDBIL = .000 IBDBIL = .000

RUN NO. 117/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.770	.54170	-.01970	-.00440	.00140	-.00030	.05000	.01340	.48450	.24740	1.95810
2.990	23.740	.61020	-.02450	-.00620	.00180	-.00030	.04730	.01360	.53940	.28900	1.86620
2.990	25.650	.68430	-.02760	-.00870	.00280	-.00010	.04490	.01370	.59620	.33690	1.75920
2.990	27.970	.76310	-.03340	-.01180	.00330	-.00010	.04190	.01390	.65430	.39310	1.65390
2.990	30.060	.84160	-.03670	-.01270	.00350	.00040	.03950	.01380	.70860	.45360	1.55440
2.990	32.160	.92170	-.04100	-.01270	.00170	.00190	.03700	.01370	.76050	.52200	1.45690
2.990	34.290	1.00700	-.04410	-.01200	.00070	.00300	.03450	.01360	.81250	.59390	1.36350
2.990	36.370	1.08960	-.04670	-.01450	.00020	.00360	.03200	.01390	.85820	.67210	1.27690
2.990	38.520	1.17250	-.05180	-.02090	.00200	.00260	.02970	.01370	.89870	.75360	1.19250
2.990	40.990	1.25350	-.05360	-.02530	.00350	.00170	.02720	.01350	.93410	.83630	1.11680
2.990	42.610	1.32590	-.05660	-.02840	.00390	.00150	.02540	.01330	.95860	.91640	1.04600
GRADIENT		.03806	-.00178	-.00103	.00003	.00015	-.00119	-.00000	.02328	.03240	-.04426

RUN NO. 118/ 0 RN/L = 4.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.390	.44170	-.01150	-.00690	.00140	.00090	.04720	.00250	.39410	.20510	1.92140
4.959	23.340	.50510	-.01130	-.00700	.00170	.00140	.04630	.00290	.44540	.24260	1.83520
4.959	25.410	.57230	-.01620	-.01110	.00190	.00120	.04570	.00310	.49730	.28700	1.73280
4.959	27.460	.64110	-.01790	-.01120	.00220	.00160	.04620	.00310	.54750	.33680	1.62550
4.959	29.520	.71790	-.02220	-.01370	.00170	.00180	.04540	.00330	.60220	.39330	1.53120
4.959	31.580	.79370	-.02410	-.01500	.00200	.00190	.04500	.00330	.65250	.45410	1.43700
4.959	33.660	.87160	-.03020	-.01850	.00200	.00210	.04370	.00330	.70130	.51960	1.34960
4.959	35.700	.94940	-.03520	-.02030	.00240	.00190	.04250	.00320	.74610	.58850	1.26760
4.959	37.800	1.02960	-.04140	-.02320	.00270	.00180	.04150	.00320	.78600	.66390	1.18690
4.959	39.840	1.10650	-.04500	-.02390	.00320	.00170	.04020	.00310	.82370	.73980	1.11350
4.959	41.830	1.18280	-.04900	-.02580	.00310	.00200	.03780	.00310	.85590	.81710	1.04740
GRADIENT		.03652	-.00193	-.00098	.00008	.00004	-.00041	.00002	.02297	.03014	-.04333

M555 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

(R76313) (03 NOV 72)

REFERENCE DATA

BREP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = -20.000 CBDELV = -20.000  
 IBDELV = -20.000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 63/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.097	-10.060	.59240	.11950	.12920	-.00480	.01620	-.00130	.03410	.55140	.21650	2.54670
.097	-8.130	.59200	.12420	.09800	-.00450	.01280	.00230	.03190	.54970	.21980	2.50050
.097	-6.060	.58810	.13030	.06790	-.00360	.00940	.00360	.03350	.54550	.21960	2.48390
.097	-4.020	.58670	.13690	.03670	-.00230	.00610	.00310	.03710	.54450	.21870	2.48900
.097	-2.000	.58270	.14170	.00370	-.00020	.00190	.00470	.03900	.54010	.21870	2.46930
.097	.020	.58970	.14660	-.02210	.00200	-.00100	.00840	.03770	.54520	.22480	2.42490
.097	2.050	.59480	.14500	-.04340	.00260	-.00280	.00940	.03540	.54950	.22770	2.41310
.097	4.060	.60110	.14360	-.06750	.00350	-.00390	.00760	.03430	.55600	.22840	2.43430
.097	6.130	.61000	.13700	-.09650	.00360	-.00660	.00390	.03420	.56570	.22830	2.47790
.097	8.160	.61130	.13290	-.12960	.00400	-.00990	.00250	.03120	.56740	.22740	2.49480
.097	10.140	.61220	.13060	-.15490	.00190	-.01250	.00160	.02940	.56860	.22690	2.50540
.097	.020	.59040	.14600	-.02210	.00210	-.00090	.00830	.03770	.54590	.22500	2.42570
GRADIENT		.00202	.00083	-.01264	.00072	-.00122	.00068	-.00046	.00160	.00141	-.00820

RUN NO. 64/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.907	-10.350	.67010	.14110	.15170	.01110	.02070	.04550	.04840	.60260	.29670	2.03070
.907	-8.340	.66140	.14600	.11250	.00920	.01650	.04640	.04930	.61250	.30210	2.02700
.907	-6.190	.70500	.14570	.07330	.00260	.01320	.04620	.05270	.63420	.31150	2.03580
.907	-4.090	.70890	.14830	.04200	-.00040	.00830	.04890	.05280	.63670	.31560	2.01750
.907	-2.020	.70310	.15300	.01180	.00010	.00200	.05030	.05530	.63260	.31550	2.00470
.907	.040	.70100	.16000	-.01710	-.00010	-.00110	.05050	.05820	.62870	.31400	2.00200
.907	2.120	.70490	.16150	-.04840	-.00200	-.00320	.04990	.05750	.63250	.31510	2.00720
.907	4.190	.70970	.15800	-.07550	-.00290	-.00720	.04640	.05640	.63820	.31370	2.03430
.907	6.300	.70350	.15660	-.10610	-.00590	-.01380	.04390	.05450	.63360	.30880	2.05190
.907	8.420	.68210	.15690	-.13700	-.01300	-.01760	.04120	.05390	.61500	.29780	2.06310
.907	10.460	.68050	.15270	-.16860	-.02010	-.02270	.04520	.05240	.61200	.30070	2.03490
.907	.040	.69100	.16220	-.01900	-.00030	-.00150	.04870	.05740	.62040	.30830	2.01210
GRADIENT		.00007	.00135	-.01426	-.00034	-.00175	-.00027	.00045	.00014	-.00020	.00175

MS55 (FAS) NAR ATP ORB (SIC10IF1M) (WIE1) (VIKIR1)

(RT6313) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4930 IN.  
 LREF = 8.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 20.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = -20.000 OSDELV = -20.000  
 IBDELV = -20.000 AILRON = .000  
 OBDAIL = .000 IBDAIL = .000

RUN NO. 85/ 0 RN/L = 6.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.196	-10.360	.93810	.00960	.13740	.00620	.02640	.06570	.05250	.83760	.42740	1.95970
1.196	-8.360	.93930	.01930	.10170	.00670	.02100	.06750	.05280	.83790	.42980	1.94950
1.196	-6.220	.94200	.01830	.05810	.00760	.01510	.06770	.05290	.84010	.43130	1.94780
1.196	-4.110	.95310	.02340	.02660	.00430	.01160	.06990	.05470	.84930	.43810	1.93870
1.196	-2.020	.95600	.02150	-.00100	.00320	.00470	.07040	.05410	.85170	.43990	1.93580
1.196	.070	.95960	.02510	-.03000	.00220	-.00070	.07170	.05510	.85450	.44270	1.93020
1.196	2.160	.96530	.02290	-.05640	.00020	-.00440	.06890	.05620	.86070	.44250	1.94480
1.196	4.260	.96690	.02200	-.08500	-.00200	-.01080	.06740	.05630	.86270	.44180	1.95270
1.196	6.400	.97480	.02250	-.11430	-.00460	-.01690	.06700	.05620	.87000	.44470	1.95640
1.196	8.500	.97210	.02040	-.14550	-.00760	-.02160	.06360	.05480	.86890	.44050	1.97270
1.196	10.520	.96890	.01830	-.17780	-.00910	-.02670	.06340	.05280	.86620	.43860	1.97360
1.196	.070	.95620	.02520	-.02920	.00150	-.00070	.06980	.05530	.85200	.43960	1.93810
GRADIENT		.00176	-.00007	-.01353	-.00075	-.00258	-.00031	.00025	.00171	.00046	.00177

RUN NO. 102/ 0 RN/L = 7.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.959	-10.460	.69360	-.03210	.12870	.01440	.01360	.04970	.02750	.62150	.31190	1.99220
1.959	-8.440	.70830	-.03730	.10060	.01180	.01120	.04800	.02810	.63560	.31630	2.00930
1.959	-6.300	.72470	-.04170	.06940	.00990	.00910	.04740	.02850	.65070	.32230	2.01860
1.959	-4.180	.73210	-.04110	.03690	.00730	.00690	.04710	.02820	.65760	.32530	2.02160
1.959	-2.040	.73470	-.03910	.00720	.00470	.00410	.04820	.02700	.65950	.32730	2.01490
1.959	.050	.74070	-.03770	-.01740	.00200	.00080	.04850	.02630	.66480	.33020	2.01300
1.959	2.160	.74160	-.03760	-.04090	-.00140	-.00320	.04740	.02670	.66600	.32960	2.02040
1.959	4.250	.74290	-.03760	-.06510	-.00440	-.00620	.04690	.02720	.66750	.32960	2.02490
1.959	6.410	.74350	-.03850	-.09530	-.00740	-.00960	.04590	.02850	.66830	.32890	2.03170
1.959	8.520	.74550	-.03660	-.12710	-.00990	-.01220	.04670	.02890	.66980	.33050	2.02670
1.959	10.540	.75950	-.03280	-.15540	-.01320	-.01440	.04800	.02720	.66390	.32940	2.01540
1.959	.040	.73650	-.03670	-.01790	.00190	.00040	.04770	.02660	.66130	.32770	2.01750
GRADIENT		.00155	.00040	-.01197	-.00140	-.00159	-.00006	-.00011	.00125	.00052	.00057

M555 (P3) WAR ATP CRB (B1C101F1M1) (W1E1) (V1K1R1)

(R76313) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = -20.000 CBDELV = -20.000  
 IBDELV = -20.000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 120/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.130	.53910	-.01710	.10800	.01350	.00980	.05230	.01430	.48250	.24610	1.96020
2.990	-8.200	.54370	-.02020	.08270	.01140	.00750	.05090	.01450	.46900	.24730	1.97720
2.990	-6.130	.55030	-.02110	.05840	.00940	.00510	.04960	.01450	.49380	.24780	1.99210
2.990	-4.060	.55520	-.02280	.03290	.00640	.00310	.04880	.01440	.49860	.24890	2.00260
2.990	-2.030	.55750	-.02280	.00950	.00370	.00140	.04800	.01410	.50110	.24910	2.01150
2.990	.010	.55990	-.02090	-.00950	.00060	.00000	.04810	.01370	.50330	.25010	2.01200
2.990	2.060	.56410	-.02250	-.03170	-.00270	-.00140	.04800	.01360	.50710	.25160	2.01570
2.990	4.090	.56600	-.02280	-.05350	-.00580	-.00300	.04810	.01410	.50890	.25230	2.01680
2.990	6.200	.56640	-.02220	-.07650	-.00860	-.00500	.04840	.01420	.50910	.25280	2.01360
2.990	8.230	.56420	-.02020	-.10060	-.01110	-.00730	.05000	.01440	.50650	.25340	1.99810
2.990	10.180	.56110	-.01860	-.12520	-.01330	-.00990	.05150	.01420	.50310	.25370	1.96290
	GRADIENT	.00138	.00001	-.01047	-.00151	-.00073	-.00007	-.00004	.00130	.00048	.00160

RUN NO. 119/ 0 RN/L = 4.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.000	.43380	-.00910	.07340	.01400	.00870	.05320	.00250	.38540	.20590	1.87180
4.959	-8.100	.44000	-.00960	.05640	.01220	.00790	.05020	.00290	.39230	.20540	1.90970
4.959	-6.080	.44490	-.01270	.03720	.00960	.00640	.04780	.00320	.39780	.20500	1.94030
4.959	-4.030	.44960	-.01310	.01910	.00710	.00430	.04560	.00350	.40290	.20460	1.96920
4.959	-2.010	.45180	-.01110	.00600	.00420	.00240	.04490	.00350	.40530	.20470	1.97900
4.959	.000	.45440	-.01390	-.01190	.00110	.00020	.04450	.00350	.40780	.20530	1.98560
4.959	2.050	.45490	-.01270	-.02610	-.00250	-.00200	.04450	.00360	.40820	.20560	1.98570
4.959	4.050	.45900	-.01240	-.04030	-.00560	-.00390	.04550	.00370	.41170	.20800	1.97890
4.959	6.110	.45940	-.01230	-.05620	-.00840	-.00580	.04720	.00380	.41140	.20970	1.96200
4.959	8.110	.45570	-.01050	-.07310	-.01110	-.00790	.04850	.00400	.40750	.20950	1.94460
4.959	10.060	.45370	-.01170	-.09230	-.01370	-.00930	.05020	.00380	.40510	.21050	1.92460
	GRADIENT	.00108	-.00001	-.00746	-.00159	-.00103	-.00003	.00002	.00101	.00038	.00129



MS55 (FAS) MAR ATP ORB (81C1D1F1M1) (W1E1) (V1K1R1)

(R76314) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 80. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = -40.000 OBDELV = -40.000  
 IBDDELV = -40.000 AILLRON = .000  
 OBDAIL = .000 IBDAIL = .000

RUN NO. 100/ 0 RN/L = 7.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CEL	CAF	CAB	CL	CD	L/D
1.961	.370	-.22910	.11920	.02460	-.00370	-.00100	.16630	.02300	-.23020	.16470	-1.39700
1.961	2.440	-.15070	.10960	.02310	-.00420	-.00150	.16180	.02230	-.15750	.15530	-1.01400
1.961	4.860	-.05640	.08880	.01960	-.00340	-.00230	.14710	.02240	-.06820	.14210	-.48000
1.961	6.860	.03990	.07270	.01500	-.00260	-.00240	.13460	.02300	.02350	.13840	.16990
1.961	9.080	.12590	.06000	.01470	-.00250	-.00240	.12460	.02400	.10470	.14300	.73230
1.961	11.260	.21500	.04710	.01250	-.00200	-.00250	.11610	.02470	.18810	.15600	1.20580
1.961	13.510	.30490	.03490	.01140	-.00180	-.00200	.10610	.02570	.27160	.17450	1.55680
1.961	15.700	.39060	.02450	.00900	-.00170	-.00150	.09750	.02580	.34960	.19960	1.75130
1.961	17.940	.47420	.01550	.00510	-.00160	-.00140	.08740	.02620	.42420	.22930	1.84960
1.961	20.140	.55800	.00930	.00120	-.00110	-.00130	.07920	.02620	.49660	.26650	1.86330
1.961	22.260	.63670	.00220	-.00260	-.00030	-.00090	.07330	.02720	.56330	.30980	1.81810
1.961	11.290	.22190	.04670	.01220	-.00190	-.00240	.11350	.02500	.19540	.15460	1.26170
	GRADIENT	.04028	-.00711	-.00117	.00007	-.00030	-.00450	-.00014	.03779	-.00528	.21408

W555 (FAS) WAR ATP CR8 (BICIDIFIMI) (MIEI) (VIKIRI)

(R76315) ( 03 NOV 72 )

REFERENCE DATA

BREP = 7.4180 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = -40.000 CBDELV = -40.000  
 IBDELV = -40.000 AILRON = .000  
 CBDAIL = .000 IBOAIL = .000

RUN NO. 191/ 0 RN/L = 4.95 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.893	21.780	.91100	.15810	-.01290	.00060	.00210	.06340	.04620	.45100	.24850	1.81490
.893	23.780	.99860	.14690	-.02100	.00510	.00410	.05060	.04490	.52730	.28760	1.83340
.893	25.840	.88560	.12880	-.02220	.00840	.00490	.03420	.04570	.60210	.32970	1.82600
.893	27.930	.76350	.10830	-.01990	.01010	.00230	.01700	.05090	.66650	.37270	1.78810
.893	29.990	.63650	.09960	-.01940	.01300	-.00150	.00680	.05820	.72100	.42410	1.70000
.893	32.040	.66810	.11010	-.02470	.01010	-.00510	.02060	.05580	.72490	.47800	1.51620
.893	34.110	.91550	.12420	-.02400	.00930	-.00070	.03200	.05840	.74000	.53990	1.37030
.893	36.180	.97520	.13690	-.02160	.00430	.00180	.03410	.06210	.76710	.60300	1.27210
.893	38.280	1.03150	.14750	-.01930	.00260	.00120	.03030	.06350	.79090	.66290	1.19310
.893	40.320	1.08730	.15290	-.02230	.00280	.00050	.02640	.06430	.81200	.72390	1.12150
.893	42.320	1.14320	.15670	-.02460	.00370	-.00030	.02020	.06570	.83160	.78470	1.05960
.893	32.040	.86680	.11210	-.02260	.01080	-.00460	.01960	.05670	.72430	.47660	1.31950
	GRADIENT	.02934	.00068	-.00028	-.00012	-.00017	-.00117	.00111	.01687	.02646	-.04359

RUN NO. 190/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	22.640	.68300	.14530	-.02260	.00730	.00550	.06470	.05910	.60550	.32270	1.87610
.901	24.650	.78430	.13520	-.01860	.00890	.00410	.05390	.06030	.67210	.36780	1.82690
.901	26.780	.84920	.12360	-.01860	.01150	.00110	.04330	.06290	.73860	.42130	1.75300
.901	28.970	.93850	.11270	-.02410	.01150	.00090	.03690	.06440	.80300	.48700	1.64890
.901	31.120	1.00460	.12180	-.03500	.01010	.00600	.03810	.06530	.84020	.55200	1.52210
.901	33.250	1.06450	.13270	-.03100	.00590	.00690	.03800	.06710	.86930	.61550	1.41230
.901	35.360	1.11550	.14520	-.01790	-.00170	.00250	.03940	.06860	.88680	.67780	1.30820
.901	37.430	1.15650	.15960	-.00370	-.00650	-.00310	.03620	.07020	.89620	.73180	1.22450
.901	39.620	1.21780	.16250	.00520	-.00330	-.00560	.02580	.07040	.92150	.79650	1.15690
.901	41.690	1.27630	.16320	.00360	-.00120	-.00500	.01820	.06890	.94080	.86260	1.09070
.901	43.740	1.32460	.16600	.00320	.00140	-.00350	.01500	.06790	.94640	.92680	1.02120
.901	33.230	1.06250	.13250	-.03260	.00640	.00690	.03770	.06670	.86800	.61380	1.41400
	GRADIENT	.02962	.00197	.00149	-.00070	-.00048	-.00190	.00030	.01528	.02889	-.04318

M555 (P43) HAR ATP ORB (B1C(D1F1M1) (W1E1) (V1K1R1)

(R76315) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = -40.000 OBDELV = -40.000  
 IBDELV = -40.000 AILRON = .000  
 OBDAIL = .000 IBODAIL = .000

RUN NO. 125/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.740	.49250	.00910	-.00350	.00070	-.00150	.07360	.01340	.45020	.25080	1.71490
2.990	23.710	.96180	.00640	-.00460	.00130	-.00120	.07030	.01350	.48610	.29030	1.67420
2.990	25.630	.63890	.00330	-.00710	.00170	-.00090	.06640	.01360	.54610	.33820	1.61440
2.990	27.930	.71360	-.00140	-.00990	.00220	-.00080	.06210	.01380	.60130	.38910	1.54530
2.990	30.030	.79060	-.00290	-.01120	.00210	-.00010	.05850	.01400	.65520	.44630	1.46780
2.990	32.130	.86970	-.00660	-.01050	.00070	.00120	.05490	.01400	.70720	.50920	1.38880
2.990	34.260	.95260	-.00900	-.01110	.00000	.00230	.05130	.01380	.75830	.57870	1.31020
2.990	36.340	1.03080	-.01090	-.01240	-.00050	.00310	.04860	.01360	.80140	.65010	1.23250
2.990	38.490	1.11440	-.01180	-.01910	.00160	.00210	.04520	.01360	.84400	.72910	1.15750
2.990	40.570	1.18920	-.01390	-.02420	.00260	.00200	.04300	.01350	.87520	.80620	1.08550
2.990	42.590	1.26140	-.01150	-.02640	.00320	.00160	.04110	.01360	.90070	.88410	1.01870
GRADIENT		.03718	-.00110	-.00101	.00004	.00021	-.00160	.00000	.02300	.03059	-.03464

RUN NO. 126/ 0 RN/L = 4.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.400	.40720	.01280	-.00520	.00110	.00040	.06450	.00320	.35550	.20870	1.70360
4.959	23.330	.47040	.01030	-.00770	.00090	.00030	.06220	.00340	.40730	.24340	1.67320
4.959	25.400	.53710	.00820	-.01000	.00140	.00040	.06040	.00340	.45920	.28490	1.61150
4.959	27.450	.60770	.00650	-.01030	.00090	.00110	.05940	.00350	.51180	.33300	1.53710
4.959	29.510	.67950	.00560	-.01160	.00120	.00140	.05810	.00350	.56270	.38530	1.46030
4.959	31.560	.75210	.00020	-.01450	.00130	.00130	.05690	.00350	.61090	.44230	1.38130
4.959	33.630	.83190	-.00070	-.01470	.00150	.00130	.05610	.00350	.66160	.50750	1.30340
4.959	35.690	.90690	-.00360	-.01760	.00190	.00130	.05520	.00340	.70440	.57400	1.22710
4.959	37.760	.98390	-.00920	-.02170	.00190	.00130	.05300	.00340	.74500	.64480	1.15540
4.959	39.820	1.05760	-.01110	-.02470	.00210	.00140	.05120	.00350	.77940	.71670	1.08750
4.959	41.790	1.12820	-.01330	-.02610	.00210	.00220	.04930	.00360	.80820	.78880	1.02460
GRADIENT		.03565	-.00131	-.00100	.00006	.00007	-.00068	.00001	.02257	.02871	-.03494

M355 (FAS) NAR ATP CRB (81C1DIFIM1) (WEL) (VIKIR1)

(R76316) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = -40.000 CBDELV = -40.000  
 IBDELV = -40.000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 196/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	42.020	1.22140	-.00890	.00500	-.00120	-.00110	.04130	.01180	.87960	.84840	1.03670
2.990	43.960	1.28950	-.00830	.00650	-.00160	-.00130	.04060	.01190	.89990	.92450	.97340
2.990	46.020	1.35570	-.00540	.00700	-.00150	-.00180	.03990	.01210	.91250	1.00340	.90930
2.990	48.100	1.41650	-.00060	.00650	-.00160	-.00220	.03900	.01230	.91670	1.08050	.84840
2.990	50.160	1.47140	.00630	.00620	-.00180	-.00200	.03800	.01230	.91330	1.15420	.79120
2.990	52.210	1.52020	.01310	.00980	-.00190	-.00250	.03650	.01250	.90250	1.22390	.73740
2.990	54.260	1.56250	.02020	.00990	-.00170	-.00240	.03450	.01260	.88460	1.28850	.68650
2.990	56.280	1.59930	.02510	.00910	-.00190	-.00250	.03130	.01260	.86170	1.34760	.63940
2.990	58.350	1.63560	.02630	.00900	-.00220	-.00250	.02710	.01250	.83490	1.40660	.59350
2.990	60.370	1.67410	.03040	.01030	-.00200	-.00250	.02160	.01220	.80870	1.46590	.55160
2.990	62.320	1.70800	.02830	.00990	-.00210	-.00260	.01610	.01190	.77910	1.52000	.51250
GRADIENT		.02346	.00226	.00023	-.00004	-.00007	-.00115	.00002	-.00551	.03296	-.02573

RUN NO. 195/ 0 RN/L = 4.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	41.920	1.11030	-.01420	.00730	-.00140	-.00110	.05010	.00230	.79800	.77360	1.03160
4.959	43.440	1.18350	-.01430	.00850	-.00120	-.00140	.04910	.00250	.82550	.84940	.97180
4.959	45.470	1.25490	-.01640	.00920	-.00150	-.00130	.04770	.00260	.84580	.92620	.91120
4.959	47.530	1.32560	-.01690	.01020	-.00160	-.00160	.04650	.00260	.86070	1.00930	.85270
4.959	49.560	1.39000	-.01830	.00890	-.00190	-.00200	.04460	.00250	.86740	1.08700	.79800
4.959	51.600	1.44830	-.01500	.00880	-.00180	-.00240	.04370	.00240	.86530	1.16220	.74450
4.959	53.630	1.50230	-.00960	.01050	-.00200	-.00240	.04230	.00210	.85670	1.23490	.69370
4.959	55.640	1.55000	-.00460	.01180	-.00180	-.00200	.04070	.00180	.84110	1.30250	.64570
4.959	57.700	1.59220	.00140	.01170	-.00190	-.00210	.03800	.00160	.81840	1.36630	.59890
4.959	59.710	1.62780	.00590	.01150	-.00180	-.00200	.03490	.00130	.79090	1.42320	.55570
4.959	61.640	1.66160	.00740	.01090	-.00200	-.00220	.02990	.00080	.76270	1.47650	.51650
GRADIENT		.02743	.00124	.00019	-.00003	-.00003	-.00090	-.00008	-.00200	.03530	-.02558

MS55 (FAS) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

(R76317) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTB = .000 CBDELV = -20.000  
 IBDLV = .000 AIRCRN = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 37/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.898	.850	-.22680	.12360	.03140	-.00470	.00080	.04730	.02550	-.22720	.04510	-3.03660
.898	2.540	-.13560	.11440	.02960	-.00400	.00130	.04650	.02480	-.13750	.04040	-3.40010
.898	4.660	-.03630	.10710	.02840	-.00380	.00130	.04240	.02480	-.04160	.03910	-1.06500
.898	6.760	.05990	.09720	.02480	-.00330	.00100	.03550	.02370	.05530	.04230	1.30700
.898	8.880	.17300	.08420	.02280	-.00310	.00070	.02790	.02440	.16660	.03420	3.06990
.898	10.990	.28900	.06970	.02140	-.00290	.00170	.02020	.02610	.27980	.07500	3.73170
.898	13.100	.39600	.05990	.02000	-.00260	.00220	.01440	.02670	.38240	.10380	3.68100
.898	15.210	.50060	.04870	.01610	-.00260	.00310	.00840	.02970	.48080	.13950	3.44590
.898	17.360	.60620	.03590	.01350	-.00310	.00340	.00360	.03310	.57750	.18440	3.13170
.898	19.440	.70410	.03140	.01460	-.00420	.00230	-.00250	.04020	.66470	.23200	2.86480
.898	21.410	.78570	.03350	.01100	-.00350	.00050	-.00480	.04560	.71450	.27520	2.59590
.898	11.000	.29420	.07130	.02210	-.00310	.00090	.02050	.02560	.28490	.07630	3.73000
GRADIENT		.04586	-.00401	-.00073	.00022	.00012	-.00120	-.00022	.04516	-.00143	.96780

RUN NO. 38/ 0 RN/L = 6.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.898	.460	-.24370	.14760	.03370	-.00540	-.00070	.06800	.02980	-.24430	.06600	-3.70130
.898	2.550	-.13060	.13030	.03110	-.00470	-.00040	.06290	.02850	-.13330	.05700	-2.33630
.898	4.780	-.00790	.11500	.02710	-.00430	-.00020	.05360	.02890	-.01240	.05270	-.23550
.898	7.010	.13610	.08910	.02330	-.00370	.00000	.04400	.02850	.12970	.06030	2.13110
.898	9.240	.27000	.06890	.01850	-.00310	.00110	.03890	.02870	.26030	.03180	3.18100
.898	11.440	.39300	.05530	.01370	-.00210	.00260	.03300	.03080	.37870	.11040	3.42810
.898	13.660	.50600	.04510	.00900	-.00170	.00430	.03260	.03340	.48390	.15130	3.19840
.898	15.820	.58810	.04770	.00260	-.00110	.00420	.03430	.04070	.55630	.19340	2.87730
.898	18.010	.67270	.04850	.00500	-.00400	.00070	.03450	.04460	.62910	.24090	2.61030
.898	20.150	.74220	.06050	.01290	-.00320	-.00840	.03530	.05370	.68450	.28890	2.36940
.898	22.130	.78700	.06830	.00550	-.00130	-.00390	.03240	.05790	.71680	.32660	2.19470
.898	11.440	.39260	.05600	.01510	-.00270	.00200	.03270	.03000	.37830	.10990	3.44120
GRADIENT		.05439	-.00754	-.00153	.00025	.00012	-.00334	-.00020	.05369	-.00307	.80363

M355 (FAS) HAR ATP ORB (SICIDIF1M1) (WIE1) (VIKIR1)

(R76317) ( 03 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = -20.000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 39/ 0 RN/L = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.203	.630	-.13810	.12940	.02750	-.00470	.00030	.09230	.04120	-.13910	.09080	-1.53210
1.203	2.770	-.00730	.09780	.02420	-.00380	.00080	.08820	.04160	-.01160	.08780	-.13230
1.203	5.040	.13830	.06270	.02140	-.00320	.00050	.08020	.04400	.13070	.09210	1.41850
1.203	7.340	.27920	.02580	.01630	-.00200	.00040	.07110	.04730	.26780	.10620	2.32140
1.203	9.590	.42280	-.00400	.01430	-.00180	-.00030	.06850	.04480	.40550	.13800	2.93680
1.203	11.860	.55610	-.02890	.00640	-.00010	.00020	.06680	.04490	.53050	.17970	2.95090
1.203	14.130	.67990	-.04560	.00160	.00020	.00030	.06570	.04860	.64320	.22980	2.79910
1.203	16.360	.79530	-.06150	-.00190	.00120	.00190	.06520	.05040	.74470	.28660	2.59830
1.203	18.620	.89060	-.06070	-.00340	.00000	.00150	.06490	.05710	.82320	.34600	2.37920
1.203	20.610	.96010	-.06390	-.00470	-.00100	.00010	.06100	.05750	.89440	.40530	2.20650
1.203	22.880	1.03530	-.05760	-.00890	.00080	.00110	.05750	.05930	.93150	.45580	2.04440
1.203	11.860	.55940	-.02920	.00700	-.00030	.00000	.06680	.04480	.53370	.18050	2.95660
	GRADIENT	.06112	-.01477	-.00154	.00042	.00023	-.00192	.00019	.05958	-.00140	.85411

RUN NO. 103/ 0 RN/L = 7.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.963	.680	-.03660	.03230	.01850	-.00140	-.00010	.08170	.02350	-.03750	.08130	-.46220
1.963	2.730	.04150	.01820	.01690	-.00090	-.00050	.07870	.02450	.03770	.08060	.46840
1.963	4.940	.12770	.00360	.01470	-.00060	-.00090	.07710	.02280	.12060	.08790	1.37230
1.963	7.150	.20930	-.00980	.01210	.00010	-.00070	.07270	.02540	.19860	.09820	2.02260
1.963	9.310	.28890	-.02300	.01010	.00060	-.00060	.07060	.02540	.27370	.11650	2.34910
1.963	11.490	.36670	-.03400	.00810	.00100	-.00050	.06830	.02520	.34370	.14000	2.46920
1.963	13.670	.44370	-.04300	.00610	.00130	-.00020	.06600	.02540	.41550	.16900	2.45810
1.963	15.890	.52590	-.05290	.00420	.00100	.00010	.06290	.02630	.48850	.20460	2.38760
1.963	18.070	.59050	-.05280	.00130	.00110	.00080	.05930	.02620	.54290	.23950	2.26680
1.963	20.250	.67070	-.05970	-.00230	.00170	.00140	.05550	.02660	.61000	.28430	2.14360
1.963	22.360	.74500	-.06540	-.00620	.00290	.00280	.05200	.02740	.66920	.33160	2.01800
1.963	11.460	.36340	-.05070	.00870	.00110	-.00030	.06810	.02520	.34250	.13910	2.46240
	GRADIENT	.03657	-.00674	-.00089	.00019	-.00019	-.00108	-.00017	.03712	.00157	.43035

M555 (FAS) NAR ATP CR6 (BICID(FIMS) (MIEI) (VIKIRI)

(R76317) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4180 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = -20.000  
 IBDLV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 121/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CL	CAF	CAB	CL	CD	L/D
2.990	.650	-.04470	.00940	.01080	.00020	-.00150	.07650	.01240	-.04560	.07600	-.60000
2.990	2.590	.00660	.00460	.00970	.00020	-.00140	.07410	.01260	.00320	.07440	.04410
2.990	4.620	.08020	.00080	.00930	.00040	-.00110	.07150	.01310	.05420	.07610	.71220
2.990	6.770	.11920	-.00330	.00810	.00070	-.00080	.06910	.01310	.11030	.08270	1.33370
2.990	8.620	.17660	-.00880	.00630	.00060	-.00070	.06610	.01320	.16430	.09240	1.77710
2.990	10.900	.23600	-.01350	.00520	.00060	-.00050	.06330	.01330	.21980	.10680	2.05770
2.990	13.000	.30010	-.01800	.00410	.00070	.00000	.06070	.01330	.27680	.12670	2.20000
2.990	15.060	.36350	-.02230	.00260	.00090	.00020	.05810	.01330	.33590	.15060	2.23040
2.990	17.190	.43480	-.02860	.00050	.00130	.00040	.05620	.01320	.39880	.18220	2.18810
2.990	19.260	.50940	-.03450	-.00220	.00200	.00020	.05360	.01340	.45940	.21740	2.11340
2.990	21.260	.57600	-.04040	-.00360	.00220	.00030	.05140	.01360	.51810	.25680	2.01710
GRADIENT		.02642	-.00216	-.00038	.00005	.00010	-.00126	.00018	.02514	.00003	.33052

RUN NO. 122/ 0 RN/L = 4.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CL	CAF	CAB	CL	CD	L/D
4.959	.650	-.06410	.00840	.00780	.00030	-.00120	.07160	.00300	-.06490	.07090	-.91610
4.959	2.560	-.02590	.00390	.00660	.00020	-.00080	.06670	.00320	-.02880	.06550	-.44070
4.959	4.610	.01750	-.00160	.00540	.00030	-.00050	.06390	.00340	.01230	.06520	.18950
4.959	6.640	.06030	-.00270	.00470	.00090	.00010	.06080	.00350	.05260	.06740	.78420
4.959	8.680	.10760	-.00530	.00400	.00130	.00020	.05650	.00350	.09780	.07210	1.35560
4.959	10.710	.15670	-.00880	.00280	.00120	.00030	.05350	.00360	.14400	.08170	1.76270
4.959	12.750	.20740	-.01350	.00040	.00110	.00060	.05090	.00360	.19100	.09540	2.00100
4.959	14.790	.26110	-.01460	.00140	.00140	.00110	.04890	.00370	.23990	.11400	2.10470
4.959	16.880	.32040	-.02040	-.00260	.00140	.00110	.04750	.00370	.29280	.13650	2.11400
4.959	18.900	.37870	-.02400	-.00440	.00180	.00130	.04660	.00370	.34320	.16680	2.05690
4.959	20.890	.44120	-.02750	-.00560	.00180	.00150	.04580	.00380	.39580	.20010	1.97780
GRADIENT		.02061	-.00253	-.00061	.00000	.00018	-.00194	.00010	.01950	-.00142	.27954

MS55 (PAS) MAR ATP ORB (B1C1D1P1M1) (M1E1) (V1K1R1)

(R76316) (03 NOV 72)

REFERENCE DATA

PARAMETRIC DATA

SREP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = -20.000  
 IBDCLV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 36/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.994	21.950	.77410	.03520	-.00820	.00150	-.00100	-.00380	.04420	.71940	.28580	2.51700
.994	23.860	.80280	.03660	-.00860	.00320	-.00140	-.00750	.04840	.73710	.31820	2.31650
.994	25.950	.85230	.03400	-.00360	.00130	-.00140	-.00860	.03040	.77010	.36520	2.10840
.994	28.010	.90420	.03080	.00860	-.00070	-.00780	-.01060	.05810	.80330	.41520	1.93430
.994	30.070	.97510	.02100	.01070	.00780	-.01460	-.01280	.06290	.85020	.47750	1.78050
.994	32.140	1.04990	.01260	-.00720	.01230	-.01000	-.01790	.06540	.89840	.54340	1.65310
.994	34.220	1.12010	.01280	-.01750	.00830	-.00150	-.02120	.06830	.93800	.61240	1.53160
.994	36.310	1.19030	.01710	-.01790	.00390	.00180	-.02700	.06920	.97510	.68310	1.42730
.994	38.420	1.25110	.01710	-.01720	.00600	.00060	-.03570	.07240	1.00230	.74950	1.33720
.994	40.460	1.31350	.01670	-.01440	.00390	-.00150	-.04130	.07310	1.02610	.82100	1.24970
.994	42.430	1.38030	.01460	-.01120	.00650	-.00300	-.04950	.07540	1.05230	.89490	1.17570
.994	32.160	1.04940	.01230	-.01030	.01160	-.00910	-.01780	.06510	.89780	.54360	1.65130
GRADIENT		.03081	-.00118	-.00068	.00028	.00013	-.00214	.00153	.01741	.03033	-.06410

RUN NO. 35/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	22.690	.79200	.06910	.00070	.00080	-.00410	.03080	.05760	.71880	.33400	2.15180
.901	24.730	.86020	.06710	-.00090	.00180	-.00270	.02700	.06090	.76990	.38450	2.00250
.901	26.870	.94330	.05670	-.00130	.00380	-.00300	.02420	.06280	.83050	.44800	1.85370
.901	29.080	1.03430	.04440	-.01630	.00750	.00070	.02250	.06400	.91060	.53230	1.71050
.901	31.250	1.13470	.04500	-.03420	.01020	.00870	.01580	.06620	.96190	.60200	1.59770
.901	33.360	1.21190	.04260	-.04190	.00900	.01230	.00950	.06770	1.00690	.67450	1.49270
.901	35.510	1.28140	.04210	-.03630	.00600	.01120	-.00050	.07110	1.04330	.74390	1.40240
.901	37.610	1.32850	.05290	.00570	-.00110	-.00120	-.01260	.07520	1.06010	.80080	1.32370
.901	39.770	1.39580	.05050	.02290	.00010	-.00660	-.01980	.07510	1.08530	.87780	1.23630
.901	41.900	1.46650	.04660	.01420	.00190	-.00500	-.02710	.07460	1.10950	.95930	1.15660
.901	43.900	1.52090	.04600	.00780	.00270	-.00410	-.03470	.07280	1.11990	1.02960	1.08760
.901	33.350	1.20900	.04490	-.04510	.00980	.01230	.00780	.06780	1.00530	.67120	1.49810
GRADIENT		.03461	-.00086	.00089	-.00010	-.00009	-.00325	.00083	.01923	.03299	-.04911



M553 (FAS) NAR ATP ORS (BICIDIFIMI) (MEL) (VIKIRI)

(R76318) ( 03 NOV 72 )

## REFERENCE DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

## PARAMETRIC DATA

BETA = .000 CONFIC = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 OSDELV = -20.000  
 TSDLV = .000 AILRON = .000  
 OSBAIL = .000 TDBAIL = .000

RUN NO. 124/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.780	.37070	-.04120	-.00490	.00240	.00000	.04940	.01390	.51150	.25780	1.98440
2.990	23.770	.64120	-.04780	-.00770	.00270	.00020	.04690	.01400	.56780	.30140	1.88350
2.990	25.670	.71970	-.05480	-.01050	.00350	.00040	.04470	.01410	.62800	.35430	1.77240
2.990	27.970	.60050	-.06200	-.01300	.00420	.00060	.04330	.01420	.68660	.41370	1.65950
2.990	30.080	.68500	-.06870	-.01410	.00400	.00110	.04090	.01410	.74530	.47890	1.55600
2.990	32.180	.96650	-.07520	-.01410	.00270	.00270	.03680	.01410	.79730	.54760	1.45590
2.990	34.310	1.05590	-.08260	-.01370	.00140	.00400	.03710	.01410	.85120	.62590	1.35990
2.990	36.390	1.14050	-.08970	-.01660	.00140	.00450	.03560	.01410	.89680	.70550	1.27110
2.990	38.540	1.22890	-.09660	-.02290	.00320	.00360	.03380	.01400	.93990	.79230	1.18630
2.990	40.630	1.31310	-.10370	-.02830	.00430	.00280	.03200	.01380	.97560	.87940	1.10930
2.990	42.630	1.39100	-.10920	-.03170	.00490	.00230	.03070	.01370	1.00250	.96470	1.03910
GRADIENT		.03973	-.00329	-.00113	.00004	.00018	-.00089	-.00001	.02404	.03420	-.04573

RUN NO. 123/ 0 RN/L = 4.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.999	21.410	.45760	-.02300	-.00560	.00210	.00130	.04560	.00340	.40930	.20960	1.95300
4.999	23.360	.52430	-.03010	-.00800	.00230	.00110	.04410	.00350	.46380	.24840	1.86670
4.999	25.420	.59760	-.03300	-.00980	.00260	.00140	.04460	.00360	.52060	.29680	1.75360
4.999	27.490	.67110	-.03660	-.01060	.00230	.00190	.04410	.00370	.57500	.34900	1.64740
4.999	29.530	.74740	-.04530	-.01300	.00220	.00250	.04390	.00370	.62660	.40660	1.54590
4.999	31.590	.82920	-.05270	-.01540	.00250	.00250	.04370	.00360	.68340	.47160	1.44890
4.999	33.670	.91270	-.06300	-.01940	.00270	.00250	.04330	.00360	.73550	.54210	1.35670
4.999	35.710	.99320	-.07050	-.02180	.00280	.00270	.04320	.00350	.78120	.61480	1.27050
4.999	37.810	1.07840	-.07810	-.02310	.00330	.00270	.04260	.00340	.82580	.69480	1.18840
4.999	39.820	1.15640	-.08770	-.02710	.00360	.00250	.04100	.00330	.86180	.77220	1.11590
4.999	41.840	1.23940	-.09720	-.02890	.00370	.00270	.04030	.00330	.89630	.85690	1.04600
GRADIENT		.03849	-.00358	-.00116	.00007	.00008	-.00021	-.00001	.02420	.03187	-.04508

MS55 (FAS) WAR ATP ORB (B1C1D1F1M1) (M1E1) (V1K1R1)

(R76519) ( 03 NOV 72 )

REFERENCE DATA

BRP = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LRF = 2.1020 IN. YMRP = .0000 IN.  
 BRP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 OBOELV = .000  
 IBOELV = .000 AIRLON = 10.000  
 OBDAIL = 10.000 IBDAIL = 10.000

RUN NO. 182/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.896	.670	-.03350	.02910	-.01420	.00780	.04790	.04340	.02380	-.03410	.04300	-.79290
.896	2.660	.05770	.02160	-.01790	.00890	.04670	.04290	.02240	.05570	.04550	1.22210
.896	4.780	.15320	.01590	-.02300	.01040	.05050	.03720	.02400	.14960	.04980	3.00200
.896	6.890	.25710	.00910	-.02760	.01040	.05250	.03200	.02240	.25140	.06260	4.01170
.896	9.000	.36090	-.00190	-.02480	.00870	.05000	.02680	.02390	.35220	.08290	4.24700
.896	11.090	.44540	-.00870	-.02290	.00700	.04540	.02370	.02540	.43250	.10900	3.96740
.896	13.190	.54940	-.01810	-.02140	.00580	.04220	.02070	.02750	.53020	.14550	3.64240
.896	15.260	.65270	-.02010	-.01900	.00360	.03800	.01920	.02970	.60530	.18510	3.26680
.896	17.400	.72490	-.02050	-.01480	.00150	.03500	.01780	.03350	.68630	.23390	2.93420
.896	19.480	.79430	-.01860	-.00870	-.00100	.03070	.01450	.04020	.74410	.27830	2.67300
.896	21.470	.84690	-.01320	.00080	-.00220	.02150	.01250	.04770	.78350	.32170	2.43540
.896	11.100	.45360	-.01030	-.02220	.00690	.04430	.02390	.02530	.44030	.11080	3.97460
	GRADIENT	.04965	-.00322	-.00215	.00064	.00064	-.00153	.00006	.04491	.00167	.92711

RUN NO. 183/ 0 RN/L = 6.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.900	.620	-.07700	.05370	-.00660	.00780	.03870	.05900	.02950	-.07760	.05820	-1.33340
.900	2.710	.03250	.04120	-.00870	.00820	.04030	.05920	.02990	.02970	.06070	.48960
.900	4.920	.15640	.02820	-.01210	.00830	.04260	.05400	.03000	.15110	.06730	2.24560
.900	7.170	.28810	.00900	-.01670	.00840	.04500	.05010	.02970	.28060	.08580	3.26810
.900	9.390	.39120	.00440	-.01470	.00720	.04230	.04920	.03190	.37800	.11220	3.36820
.900	11.540	.49730	-.00300	-.01480	.00590	.04220	.04880	.03300	.47740	.14730	3.23950
.900	13.760	.61340	-.01120	-.01550	.00500	.04310	.05010	.03750	.58380	.19460	2.99940
.900	15.920	.70750	-.01660	-.01320	.00260	.04140	.05030	.04090	.66650	.24250	2.74760
.900	18.130	.78100	-.00500	.00030	-.00220	.03160	.05100	.05020	.72630	.29160	2.49050
.900	20.210	.83630	.00850	.01000	-.00310	.02260	.04670	.05620	.78860	.33280	2.30910
.900	22.290	.90910	.00910	.02050	-.00540	.01950	.04200	.06010	.82520	.38370	2.15030
.900	11.550	.50220	-.00390	-.01290	.00550	.04170	.04900	.03360	.48220	.14860	3.24470
	GRADIENT	.05430	-.00640	-.00124	.00012	.00091	-.00117	.00012	.05320	.00212	.83196

W555 (FAS) MAR ATP ORB (BICIDIFIMI) (MIEI) (VIKIRI)

(R76319) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. WMRP = 3.4330 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 TBDLV = .000 AILRON = 10.000  
 CBDAIL = 10.000 TBDAIL = 10.000

RUN NO. 184/ 0 RN/L = 6.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
1.200	.750	-.00920	.04320	.00240	.00450	.04320	.08890	.04270	-.01040	.08880	-.11730
1.200	2.890	.12300	.01180	.00180	.00400	.04360	.08880	.04270	.11830	.09490	1.24720
1.200	5.150	.26120	-.02280	.00060	.00260	.04220	.08730	.04230	.25230	.11050	2.28320
1.200	7.430	.40010	-.05360	-.00040	.00130	.04110	.08500	.04300	.38570	.13600	2.83440
1.200	9.690	.53390	-.07940	-.00360	.00050	.04010	.08260	.04480	.51240	.17130	2.98960
1.200	11.960	.67130	-.10290	-.00540	-.00080	.04000	.08090	.04820	.64000	.21840	2.93040
1.200	14.210	.78630	-.11710	-.00580	-.00240	.03630	.08100	.05020	.74230	.27170	2.73200
1.200	16.440	.89700	-.12300	-.00770	-.00300	.03700	.08460	.05270	.83630	.33500	2.49580
1.200	18.690	.98680	-.12370	-.01390	-.00220	.03800	.08500	.05340	.90750	.39690	2.28620
1.200	20.900	1.06440	-.12790	-.01340	-.00440	.03620	.08280	.05600	.96350	.46420	2.11830
1.200	22.950	1.12240	-.11380	-.00940	-.00390	.02500	.07690	.05980	1.00350	.50870	1.97260
1.200	11.960	.66690	-.10350	-.00610	-.00100	.03940	.08080	.04730	.63760	.21780	2.92760
GRADIENT		.06178	-.01467	-.00028	-.00023	.00019	-.00005	.00000	.08014	.00285	.63762

RUN NO. 144/ 0 RN/L = 6.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
1.956	.740	.02440	-.00940	.01560	-.00060	.01730	.07590	.02420	.02350	.07620	.30820
1.956	2.810	.10450	-.02350	.01390	-.00070	.01690	.07510	.02430	.10070	.08020	1.25520
1.956	5.010	.19310	-.03980	.01160	-.00110	.01800	.07630	.02480	.18570	.09290	1.99900
1.956	7.190	.27220	-.05270	.00970	-.00110	.01800	.07580	.02550	.26060	.10930	2.38250
1.956	9.360	.35340	-.06700	.00830	-.00120	.01850	.07570	.02660	.33630	.13260	2.54990
1.956	11.560	.43310	-.07960	.00660	-.00140	.01880	.07500	.02720	.40930	.16030	2.55210
1.956	13.740	.51260	-.09080	.00530	-.00200	.01910	.07410	.02750	.48030	.19380	2.47790
1.956	15.940	.59440	-.10150	.00330	-.00320	.01990	.07250	.02680	.55160	.23300	2.36700
1.956	18.150	.67730	-.11110	.00040	-.00400	.02100	.07050	.02630	.62180	.27820	2.23520
1.956	20.340	.75250	-.11580	-.00230	-.00370	.02230	.06810	.02640	.68190	.32550	2.09460
1.956	22.430	.81670	-.11690	-.00440	-.00320	.02360	.06610	.02740	.73150	.37360	1.95780
1.956	11.540	.42330	-.07390	.00730	-.00150	.01780	.07360	.02710	.40000	.15690	2.34920
GRADIENT		.03870	-.00681	-.00082	-.00005	-.00019	-.00039	.00005	.03729	.00193	.45749

M555 (FAS) NAR ATP CRB (B1C1D1F1M1) (W1E1) (V1K1R1)

(R76320) ( 03 NOV 92 )

REFERENCE DATA

SREP = 7.4190 SQ. IN. XGRP = 3.4530 IN.  
 LREP = 2.1020 IN. YGRP = .0000 IN.  
 SREP = 4.0300 IN. ZGRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = 10.000  
 CBDAIL = 10.000 IBDAIL = 10.000

RUN NO. 181/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CLB	CAF	CAB	CL	CD	L/D
.895	22.000	.84670	-.01180	-.00440	.00000	.01820	.01200	.04760	.78050	.32840	2.37670
.895	23.920	.87880	-.00770	.00250	.00080	.01520	.01000	.03240	.79950	.36560	2.18620
.895	25.960	.91490	-.00540	.00950	-.00100	.01520	.00780	.05690	.81910	.40760	2.00920
.895	28.030	.96630	-.01150	.02310	-.00210	.01070	.00520	.08200	.85050	.45880	1.85360
.895	30.100	1.05100	-.02630	.02120	.00440	.00780	.00230	.06610	.90800	.52920	1.71550
.895	32.180	1.13350	-.03780	.01150	.00790	.00920	-.00060	.06690	.95940	.60320	1.59060
.895	34.270	1.20680	-.04000	.00310	.00620	.01500	-.00500	.07010	1.00000	.67550	1.48830
.895	36.350	1.27620	-.03750	-.00050	.00400	.01720	-.00970	.07230	1.03360	.74860	1.36070
.895	38.460	1.34500	-.03820	.00040	.00200	.01610	-.01620	.07340	1.06320	.82400	1.25050
.895	40.610	1.40950	-.03800	.00070	.00090	.01530	-.02460	.07550	1.08730	.89690	1.21220
.895	42.810	1.46950	-.03920	.00450	-.00040	.01480	-.03100	.07550	1.09980	.96600	1.13840
.895	32.220	1.13670	-.03530	.00830	.00860	.01010	.00030	.06640	.96130	.60870	1.98450
GRADIENT		.03202	-.00198	-.00025	.00009	.00003	-.00204	.00134	.01735	.03209	-.05904

RUN NO. 180/ 0 RN/L = 6.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CLB	CAF	CAB	CL	CD	L/D
.900	22.850	.90190	.01230	.02230	-.00520	.02050	.03800	.08010	.81640	.38500	2.12010
.900	24.790	.95020	.01390	.01950	-.00480	.02460	.03680	.06240	.84720	.43190	1.96130
.900	26.950	1.03880	.00070	.01880	-.00240	.02280	.03490	.06700	.91030	.50170	1.81450
.900	29.130	1.12900	-.01390	.00990	.00000	.02290	.03210	.06820	.97050	.57770	1.67990
.900	31.330	1.22510	-.01640	-.00340	-.00020	.02770	.02610	.07090	1.03290	.65940	1.56630
.900	33.450	1.30810	-.01800	-.00920	-.00120	.03040	.02010	.07250	1.08030	.73790	1.46390
.900	35.610	1.38890	-.01750	.00050	-.00600	.02800	.01080	.07380	1.12280	.81760	1.37330
.900	37.710	1.44750	-.01090	.02620	-.01160	.01870	.00000	.07550	1.14510	.88540	1.29320
.900	39.890	1.51730	-.01590	.03230	-.00990	.01520	-.00720	.07530	1.16860	.96770	1.20760
.900	42.020	1.59970	-.02200	.02580	-.00830	.01560	-.01060	.07480	1.19540	1.06310	1.12440
.900	44.020	1.64240	-.02150	.01830	-.00680	.01650	-.01820	.07530	1.19360	1.12840	1.05770
.900	33.440	1.30880	-.01760	-.00800	-.00080	.03030	.02050	.07230	1.08080	.73830	1.46370
GRADIENT		.03651	-.00152	.00035	-.00031	-.00037	-.00288	.00071	.01912	.03578	-.04867

MS95 (FAS) NAR ATP CRB (BICIDIFIM1) (WIE1) (VIX1R1)

(R76320) (03 NOV 72)

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIC = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDLV = .000 AILRON = 10.000  
 CBDAIL = 10.000 IBDAIL = 10.000

RUN NO. 140/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CLB	CAF	CAB	CL	CD	L/D
2.990	21.910	.63170	-.08970	-.00240	-.00250	.01900	.05810	.01360	.56490	.28870	1.95620
2.990	23.780	.70800	-.09780	-.00430	-.00210	.02050	.05770	.01390	.62450	.33840	1.84340
2.990	25.900	.78730	-.10790	-.00810	-.00230	.02150	.05730	.01400	.68320	.39550	1.72750
2.990	28.000	.87120	-.11710	-.01000	-.00210	.02290	.05690	.01410	.74250	.45930	1.61640
2.990	30.100	.95690	-.12700	-.01230	-.00320	.02440	.05660	.01410	.79930	.52910	1.51050
2.990	32.210	1.04340	-.13660	-.01170	-.00490	.02700	.05660	.01430	.85450	.60520	1.41160
2.990	34.340	1.13780	-.14580	-.01140	-.00640	.02950	.05660	.01410	.90740	.68870	1.31740
2.990	36.430	1.22770	-.15700	-.01430	-.00720	.03120	.05670	.01420	.95400	.77480	1.23120
2.990	38.580	1.31880	-.16610	-.01970	-.00580	.03120	.05630	.01420	.99370	.86660	1.14890
2.990	40.650	1.40630	-.17520	-.02460	-.00510	.03200	.05630	.01410	1.03020	.95890	1.07430
2.990	42.670	1.48960	-.18460	-.02780	-.00560	.03300	.05620	.01400	1.05700	1.05110	1.00560
GRADIENT		.04145	-.00458	-.00109	-.00022	.00072	-.00008	.00002	.02404	.03680	-.04583

RUN NO. 139/ 0 RN/L = 4.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CLB	CAF	CAB	CL	CD	L/D
4.959	21.410	.51380	-.06710	-.00440	-.00220	.01790	.05420	.00290	.46040	.23880	1.92790
4.959	23.360	.58440	-.07640	-.00800	-.00270	.01940	.05510	.00310	.51460	.28240	1.82240
4.959	25.410	.66260	-.08200	-.00870	-.00250	.02090	.05640	.00320	.57430	.33540	1.71220
4.959	27.490	.74000	-.09090	-.01070	-.00300	.02250	.05720	.00320	.62990	.39240	1.60520
4.959	29.550	.82020	-.09990	-.01210	-.00380	.02470	.05780	.00330	.68500	.45480	1.50580
4.959	31.610	.90610	-.11090	-.01510	-.00390	.02620	.05950	.00340	.74050	.52570	1.40860
4.959	33.690	.99150	-.12190	-.01650	-.00450	.02760	.06040	.00330	.79140	.60030	1.31830
4.959	35.750	1.07760	-.13660	-.02060	-.00470	.02670	.06150	.00330	.83660	.67950	1.23410
4.959	37.850	1.16490	-.14780	-.02360	-.00500	.03010	.06220	.00330	.88160	.76390	1.15400
4.959	39.850	1.24900	-.15970	-.02550	-.00520	.03120	.06270	.00320	.91670	.84850	1.08260
4.959	41.820	1.33210	-.17050	-.02740	-.00570	.03250	.06260	.00320	.95080	.93500	1.01680
GRADIENT		.04024	-.00513	-.00112	-.00017	.00072	.00045	.00001	.02440	.03430	-.04478

MS55 (PA3) MAR ATP CRB (81C1D1F1M1) (MIE1) (VIK1R1)

(R76321) ( 03 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. YMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 ATLRON = 10.000  
 CBDAIL = 10.000 IBDAIL = .000

RUN NO. 175/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.895	.860	-.03480	.02520	.01600	.00000	.02860	.03500	.02120	-.03500	.03460	-1.01220
.895	2.670	.06700	.01840	.01360	.00100	.02990	.03400	.02110	.06540	.03710	1.76230
.895	4.770	.16170	.01050	.00870	.00190	.03100	.02960	.02100	.15860	.04290	3.69390
.895	6.890	.26230	.00260	.00460	.00240	.03260	.02310	.02160	.25760	.05440	4.73220
.895	9.000	.37420	-.01140	.00550	.00090	.03210	.01770	.02270	.36680	.07600	4.62300
.895	11.100	.47290	-.01750	.00790	-.00080	.02790	.01480	.02370	.46110	.10570	4.36310
.895	13.210	.57440	-.02750	.00570	-.00170	.02690	.01250	.02470	.55640	.14350	3.87740
.895	15.280	.65470	-.02930	.00650	-.00330	.02260	.01020	.02860	.62860	.18240	3.44660
.895	17.420	.74680	-.03160	.00510	-.00420	.02150	.00800	.03280	.71010	.23140	3.06890
.895	19.480	.80900	-.02980	.00610	-.00540	.01960	.00710	.03790	.78030	.27650	2.74960
.895	21.460	.87320	-.02540	.00760	-.00530	.01440	.00550	.04490	.81060	.32470	2.49640
.895	11.100	.46720	-.01750	.00790	-.00100	.02660	.01580	.02330	.43540	.10550	4.31560
GRADIENT		.04774	-.00358	-.00178	.00046	.00058	-.00132	-.00005	.04708	.00203	1.14336

RUN NO. 176/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	.630	-.06790	.04940	.02280	-.00070	.02100	.04470	.02650	-.06630	.04390	-1.95510
.901	2.750	.04210	.03910	.01850	-.00050	.02230	.04320	.02640	.04000	.04520	.88530
.901	4.930	.16460	.02290	.01450	-.00050	.02650	.03960	.02580	.16060	.03360	2.99330
.901	7.180	.29950	.00410	.01230	-.00030	.02880	.03520	.02680	.29270	.07240	4.04310
.901	9.360	.39420	.00320	.01410	-.00160	.02750	.03690	.02790	.38300	.10050	3.80720
.901	11.550	.50190	-.00440	.00930	-.00140	.02850	.03600	.03130	.48450	.13580	3.56660
.901	13.740	.61320	-.01670	.00590	-.00200	.02830	.03530	.03540	.58920	.18050	3.26360
.901	15.900	.72000	-.02860	.00150	-.00230	.02740	.03590	.03960	.68260	.23190	2.94330
.901	18.150	.82410	-.03050	.00320	-.00440	.02340	.03710	.04920	.77150	.29210	2.64070
.901	20.260	.88030	-.01630	.01510	-.00710	.01340	.03530	.05730	.81370	.33810	2.40650
.901	22.300	.92910	-.00860	.00910	-.00490	.01490	.03050	.06170	.84800	.38090	2.22640
.901	11.550	.50520	-.00570	.01200	-.00150	.02850	.03650	.03110	.48760	.13700	3.55920
GRADIENT		.05408	-.00617	-.00193	.00005	.00128	-.00119	-.00016	.05325	.00227	1.05698

N555 (FAS) HAR ATP CRB (BIC101F1M1) (WIE1) (V1K1R1)

(R76321) (03 NOV 78)

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4930 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 10.000  
 ELEVTB = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = 10.000  
 CBDAIL = 10.000 IBDAIL = .000

RUN NO. 177/ 0 RN/L = 6.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
1.196	.790	.00050	.04180	.02240	-.00220	.02620	.07640	.04110	-.00050	.07640	-.00660
1.196	2.910	.12900	.01250	.01920	-.00200	.02700	.07560	.04070	.12500	.08220	1.51970
1.196	9.170	.26620	-.01980	.01680	-.00240	.02610	.07370	.04160	.25850	.09740	2.65370
1.196	7.430	.39750	-.04930	.01280	-.00290	.02460	.07170	.04120	.38490	.12260	3.13630
1.196	9.710	.55280	-.07950	.00870	-.00300	.02390	.07080	.04200	.51310	.15970	3.21180
1.196	11.950	.85760	-.09670	.00360	-.00270	.02290	.07070	.04210	.62670	.20540	3.06020
1.196	14.210	.76200	-.11270	-.00040	-.00260	.02120	.06960	.04640	.74090	.25940	2.85550
1.196	16.430	.88530	-.12210	-.00830	-.00050	.02520	.07160	.05040	.82880	.31920	2.59660
1.196	18.690	.99750	-.13320	-.01210	-.00130	.02580	.07140	.05430	.92200	.38740	2.37980
1.196	20.900	1.09750	-.13670	-.01100	-.00340	.02380	.06840	.05590	1.00080	.45550	2.19710
1.196	22.940	1.14620	-.12720	-.00810	-.00370	.01910	.06470	.05780	1.03030	.50650	2.03420
1.196	11.950	.65900	-.09800	.00310	-.00280	.02280	.07070	.04260	.63010	.20560	3.06370
GRADIENT		.06061	-.01382	-.00151	.00009	.00038	-.00028	-.00019	.05920	.00274	.71995

RUN NO. 143/ 0 RN/L = 6.75 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
1.954	.750	.02180	-.00760	.01780	-.00130	.01110	.07090	.02540	.02090	.07120	.29390
1.954	2.790	.09980	-.02090	.01590	-.00110	.01070	.07010	.02560	.09620	.07490	1.26500
1.954	9.010	.16990	-.03690	.01310	-.00110	.01140	.07170	.02550	.18290	.08800	2.07730
1.954	7.200	.27260	-.05160	.01030	-.00090	.01160	.07120	.02660	.26150	.10490	2.49270
1.954	9.390	.35480	-.06550	.00890	-.00090	.01210	.07120	.02660	.33840	.12820	2.63940
1.954	11.560	.42840	-.07540	.00760	-.00060	.01230	.07010	.02610	.40570	.15450	2.62460
1.954	13.730	.50170	-.08440	.00570	-.00080	.01280	.06850	.02620	.47110	.18570	2.53660
1.954	15.950	.56410	-.09500	.00300	-.00130	.01360	.06730	.02660	.54310	.22530	2.41070
1.954	18.160	.66390	-.10230	-.00040	-.00180	.01480	.06530	.02640	.61050	.26910	2.26860
1.954	20.340	.74700	-.11140	-.00470	-.00130	.01640	.06380	.02650	.67820	.31960	2.12190
1.954	22.420	.81270	-.11220	-.00710	-.00060	.01780	.06120	.02720	.72790	.36670	1.98470
GRADIENT		.05786	-.00636	-.00092	.00010	-.00019	-.00039	.00010	.05655	.00180	.46112

M599 (P43) NAR ATP CRB (BICIDIFIMI) (MEL) (VIKIRI)

(R76322) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 80. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBOELV = .000  
 IBDELV = .000 AILRON = 10.000  
 CBOAIL = 10.000 IBDAIL = .000

RUN NO. 174/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.896	22.000	.87020	-.02110	-.00440	-.00100	.01170	.00310	.04760	.80560	.32900	2.44840
.896	23.840	.89360	-.01770	-.00480	.00050	.01140	.00310	.04980	.81730	.36630	2.23090
.896	25.990	.94460	-.01670	.00380	-.00100	.01040	.00050	.05490	.84900	.41450	2.04790
.896	28.060	.99030	-.02370	.01960	-.00250	.00440	-.00100	.05980	.87430	.46490	1.88050
.896	30.120	1.06490	-.03710	.01700	.00500	.00060	-.00440	.06520	.92330	.53070	1.73980
.896	32.210	1.14970	-.04540	.00260	.00960	.00290	-.00820	.06680	.97720	.60580	1.61260
.896	34.260	1.22420	-.04700	-.00440	.00810	.00920	-.01290	.07120	1.01870	.67890	1.50050
.896	36.330	1.28110	-.04490	-.00240	.00570	.01090	-.01640	.07200	1.04180	.74570	1.39690
.896	38.440	1.34630	-.04620	-.00140	.00320	.00960	-.02280	.07370	1.06870	.81910	1.30470
.896	40.490	1.40600	-.04760	.00290	.00260	.00830	-.03050	.07530	1.08900	.88990	1.22370
.896	42.490	1.47810	-.04920	.00240	.00270	.00860	-.03820	.07810	1.11560	.97030	1.14970
.896	32.220	1.15270	-.04470	.00480	.00850	.00410	-.00860	.06820	.97990	.80710	1.61400
GRADIENT		.03101	-.00177	-.00007	.00026	-.00004	-.00199	.00151	.01644	.03168	-.06154

RUN NO. 175/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.902	22.830	.93670	-.00610	.00640	-.00290	.01440	.03110	.06040	.85120	.39220	2.17020
.902	24.820	.98160	-.00500	.00620	-.00250	.01640	.02650	.06350	.87970	.43620	2.01690
.902	26.960	1.05990	-.01740	.00480	-.00050	.01510	.02350	.06640	.93400	.50150	1.86220
.902	29.130	1.15760	-.02870	-.00340	.00210	.01670	.02350	.06700	.99960	.58420	1.71110
.902	31.300	1.24370	-.02900	-.01780	.00370	.02210	.01900	.06870	1.05280	.66240	1.58910
.902	33.490	1.34800	-.03130	-.01810	.00090	.02500	.01550	.07140	1.11340	.75690	1.47360
.902	35.640	1.41750	-.02350	-.00760	-.00400	.02170	.00720	.07330	1.14770	.83180	1.37970
.902	37.740	1.47230	-.02110	.01680	-.00910	.01340	-.00220	.07530	1.16560	.89950	1.29370
.902	39.890	1.51970	-.02380	.02130	-.00690	.01000	-.00990	.07480	1.17240	.96700	1.21230
.902	41.970	1.56360	-.02460	.01670	-.00500	.01060	-.01640	.07510	1.18830	1.04690	1.13510
.902	44.040	1.66230	-.02840	.00950	-.00400	.01220	-.02220	.07560	1.21030	1.13970	1.06190
.902	33.470	1.33650	-.02940	-.01730	.00120	.02460	.01370	.07200	1.10720	.74870	1.47880
GRADIENT		.03499	-.00081	.00067	-.00028	-.00024	-.00236	.00072	.01778	.03563	-.05133



M555 (FAS) MAR ATP ORB (BIC1D1FIM1) (WIE1) (VIKIR1)

(R76322) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONF16 = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBOELV = .000  
 IBOELV = .000 AILRON = 10.000  
 OBOAIL = 10.000 IBOAIL = .000

RUN NO. 141/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.610	.62870	-.08410	-.00440	-.00070	.01410	.05510	.01370	.56320	.28480	1.97750
2.990	23.780	.70140	-.09160	-.00720	-.00060	.01480	.05420	.01390	.62000	.33240	1.86460
2.990	25.900	.76370	-.09990	-.00900	-.00020	.01560	.05340	.01410	.68160	.39040	1.74560
2.990	26.000	.86780	-.10960	-.01190	.00000	.01630	.05280	.01420	.74130	.45420	1.63220
2.990	30.110	.95330	-.11940	-.01410	-.00060	.01740	.05210	.01410	.79850	.52530	1.52580
2.990	32.210	1.04000	-.12780	-.01310	-.00210	.01980	.05160	.01410	.85230	.59810	1.42490
2.990	34.320	1.12990	-.13850	-.01440	-.00360	.02150	.05110	.01390	.90430	.67930	1.33100
2.990	36.430	1.21890	-.14710	-.01600	-.00420	.02290	.05100	.01390	.95030	.76500	1.24210
2.990	38.560	1.31040	-.15680	-.02240	-.00240	.02260	.05000	.01380	.99340	.85610	1.16030
2.990	40.650	1.39770	-.16630	-.02810	-.00160	.02220	.04970	.01350	1.02800	.94630	1.08400
2.990	42.670	1.47950	-.17360	-.03130	-.00140	.02250	.04930	.01350	1.05430	1.03910	1.01450
	GRADIENT	.04115	-.00438	-.00116	-.00011	.00048	-.00027	-.00002	.02403	.03644	-.04621

RUN NO. 142/ 0 RN/L = 4.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.430	.50950	-.05960	-.00580	-.00030	.01340	.05120	.00270	.45560	.23380	1.94810
4.959	23.360	.57780	-.06730	-.00820	-.00080	.01430	.05120	.00300	.51010	.27610	1.84700
4.959	25.430	.65390	-.07330	-.01120	-.00050	.01520	.05180	.00320	.56820	.32770	1.73400
4.959	27.490	.73370	-.08230	-.01200	-.00090	.01660	.05230	.00330	.62660	.38510	1.62690
4.959	29.550	.81390	-.09150	-.01330	-.00130	.01820	.05330	.00330	.68170	.44780	1.52220
4.959	31.610	.89720	-.10390	-.01740	-.00150	.01890	.05410	.00330	.73570	.51640	1.42460
4.959	33.690	.98440	-.11550	-.01930	-.00170	.02010	.05530	.00320	.78830	.59210	1.33130
4.959	35.730	1.06990	-.12550	-.02170	-.00160	.02090	.05590	.00320	.83580	.67020	1.24690
4.959	37.810	1.15820	-.13770	-.02470	-.00140	.02160	.05660	.00318	.88030	.75480	1.16610
4.959	39.850	1.24430	-.15040	-.02760	-.00170	.02240	.05740	.00310	.91840	.84140	1.09140
4.959	41.850	1.32700	-.16120	-.02890	-.00180	.02300	.05720	.00310	.95020	.92800	1.02390
	GRADIENT	.04034	-.00507	-.00115	-.00006	.00049	.00035	.00001	.02465	.03423	-.04560

M555 (FAS) MAR ATP ORB (81C101F1M1) (M1E3) (V1K1R1)

(R76323) (03 NOV 72)

REFERENCE DATA

SREF = 7.4190 SQ. IN.    YMRP = 3.4530 IN.  
 LREF = 2.1020 IN.       YMRP = .0000 IN.  
 SREF = 4.0500 IN.       ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000    CONFIG = 3.000  
 RUDDER = .000    RUOFLR = 40.000  
 ELEVTR = .000    CBODELV = .000  
 IBDELV = .000    AILRON = .000  
 CBOAIL = .000    IBDAIL = .000

RUN NO. 169/ 0    RN/L = 4.96    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.895	.890	-.04890	.04560	.02210	-.00030	.00140	.04120	.02840	-.04940	.04060	-1.21560
.895	2.860	.04400	.03820	.02020	-.00020	.00170	.04070	.02740	.04200	.04270	.98410
.895	4.770	.14210	.03210	.01710	.00020	.00210	.03590	.02690	.13860	.04760	2.91060
.895	6.690	.23630	.02410	.01560	.00050	.00250	.03040	.02600	.23290	.05670	3.96290
.895	8.590	.34640	.01120	.01400	.00020	.00290	.02410	.02750	.33640	.07800	4.33410
.895	11.100	.45560	-.00090	.01360	.00000	.00280	.02090	.02820	.44330	.10830	4.09050
.895	13.210	.56490	-.01210	.01020	.00020	.00150	.01800	.02970	.54560	.14670	3.71690
.895	15.280	.65330	-.01610	.00840	.00010	.00170	.01640	.03260	.62590	.18810	3.32680
.895	17.440	.74500	-.01760	.00570	-.00030	.00270	.01360	.03740	.70660	.23640	2.98840
.895	19.460	.81510	-.01670	.00340	-.00130	.00230	.01120	.04340	.76470	.28240	2.70710
.895	21.460	.87480	-.01450	.00100	-.00080	-.00030	.00980	.04900	.81050	.32930	2.46120
.895	11.110	.45600	.00270	.01410	.00020	.00190	.02110	.02860	.44330	.10860	4.08000
GRADIENT		.04681	-.00330	-.00123	.00012	.00017	-.00131	-.00037	.04607	.00172	1.01016

RUN NO. 170/ 0    RN/L = 6.29    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	.840	-.10150	.07840	.02500	-.00110	.00000	.04970	.03140	-.10210	.04860	-2.09980
.901	2.710	.00660	.06850	.02070	-.00040	.00090	.04710	.03060	.00440	.04740	.09320
.901	4.920	.13090	.05590	.01910	-.00040	.00080	.04090	.03090	.12690	.05200	2.43690
.901	7.170	.23650	.04160	.01640	-.00060	.00120	.03630	.03230	.25170	.07020	3.58050
.901	9.360	.37000	.03050	.01200	.00000	.00210	.03930	.03370	.35860	.09900	3.62080
.901	11.350	.48410	.01390	.00570	.00090	.00370	.03800	.03680	.46660	.13420	3.47690
.901	13.760	.60510	-.00250	-.00190	.00200	.00540	.03790	.04120	.57670	.18080	3.20110
.901	15.920	.71350	-.01330	-.00920	.00240	.00570	.03750	.04710	.67580	.23180	2.91530
.901	18.170	.81440	-.01510	-.00760	.00130	.00250	.03820	.05410	.76190	.29030	2.62440
.901	20.280	.87730	-.00410	-.00220	.00050	-.00590	.04020	.06260	.80890	.34180	2.36610
.901	22.510	.91950	.00430	-.01040	.00300	-.00230	.03680	.06580	.83660	.38320	2.18300
.901	11.560	.46670	.01310	.00500	.00080	.00370	.03650	.03710	.46950	.13330	3.52050
GRADIENT		.05432	-.00526	-.00137	.00016	.00018	-.00206	-.00011	.05353	.00081	1.06045

H555 (FAS) MAR ATP CRB (B1C1D1F1M1) (WES1) (V1K1R1)

(R76323) (03 NOV 72)

REFERENCE DATA

BREP = 7.4100 80. IN. XMRP = 3.4530 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 SREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = .000 RUCFLR = 40.000  
 ELEVTR = .000 CBOELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 171/ 0 RN/L = 6.68 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.199	.810	-.02580	.07950	.01610	.00000	.00060	.09000	.04000	-.02700	.08970	-.30180
1.199	2.930	.10580	.04780	.01350	.00070	.00140	.08730	.04190	.10120	.09260	1.09290
1.199	5.200	.24290	.01350	.01020	.00130	.00130	.08570	.04250	.23410	.10730	2.16050
1.199	7.460	.37770	-.01750	.00780	.00190	.00180	.08470	.04090	.36350	.13300	2.73180
1.199	9.710	.50950	-.04330	.00250	.00220	.00180	.08330	.04080	.48810	.16810	2.90320
1.199	11.960	.63960	-.06750	-.00220	.00290	.00120	.08220	.04200	.60860	.21310	2.85570
1.199	14.220	.76550	-.08810	-.00560	.00300	.00150	.08170	.04390	.72000	.26680	2.69840
1.199	16.480	.88080	-.09230	-.01280	.00470	.00400	.08160	.04800	.80260	.32170	2.49450
1.199	18.730	.98330	-.09700	-.01120	.00210	.00180	.08040	.05380	.88640	.38560	2.29840
1.199	20.990	1.08470	-.10820	-.01360	.00190	.00280	.07760	.05480	.96690	.45230	2.13780
1.199	22.950	1.12530	-.10320	-.01490	.00220	.00260	.07460	.05860	1.00710	.50750	1.98400
1.199	11.970	.64170	-.06870	-.00240	.00270	.00130	.08280	.04110	.61060	.21420	2.65040
GRADIENT		.06208	-.01495	-.00125	.00033	.00038	-.00127	.00090	.06047	.00137	.65788

RUN NO. 104/ 0 RN/L = 7.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.960	.750	.00850	.01360	.01480	.00040	.00060	.08310	.02420	.00740	.08320	.08980
1.960	2.810	.08880	-.00050	.01250	.00100	.00020	.08210	.02540	.08470	.08640	.98000
1.960	5.020	.17180	-.01520	.01020	.00130	.00010	.08260	.02410	.16390	.09730	1.68380
1.960	7.200	.25300	-.02970	.00830	.00200	.00020	.08150	.02600	.24080	.11260	2.13860
1.960	9.370	.32940	-.04170	.00630	.00240	.00030	.07940	.02630	.31210	.13200	2.36350
1.960	11.550	.40800	-.05350	.00520	.00270	.00060	.07920	.02540	.38390	.15930	2.40890
1.960	13.760	.48980	-.06590	.00310	.00270	.00110	.07750	.02540	.45720	.19190	2.38270
1.960	15.950	.56750	-.07520	.00000	.00260	.00170	.07530	.02620	.52500	.22840	2.29760
1.960	18.160	.64480	-.08050	-.00290	.00270	.00240	.07290	.02630	.59000	.27030	2.18210
1.960	20.330	.71840	-.08460	-.00620	.00320	.00290	.06980	.02640	.64740	.31450	2.05870
1.960	22.420	.79200	-.09060	-.01090	.00440	.00440	.06690	.02730	.70650	.36390	1.94110
1.960	11.540	.40300	-.05080	.00500	.00270	.00050	.07800	.02570	.37920	.15710	2.41310
GRADIENT		.03898	-.00684	-.00102	.00029	-.00019	-.00049	.00058	.03752	.00155	.43223

M55 (FA3) MAR ATP ORB (81C101F1M1) (WJEL) (V1K1R1)

(R76323) ( 05 NOV 72 )

REFERENCE DATA

WREF = 7.4190 SQ. IN.    WMRP = 3.4530 IN.  
 LREF = 2.1020 IN.    YMRP = .0000 IN.  
 SREF = 4.0300 IN.    ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000    CONFIG = 3.000  
 RUDDER = .000    RUDFLR = 40.000  
 ELEVTR = .000    CEDELV = .000  
 IBDELV = .000    AILRCN = .000  
 CBDAIL = .000    IBDAIL = .000

RUN NO. 105/ 0    RN/L = 4.62    GRADIENT INTERVAL = -9.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.670	-.01210	-.00570	.01010	.00100	.00000	.07590	.01200	-.01300	.07560	-.17190
2.990	2.640	.04070	-.00950	.00940	.00100	.00000	.07420	.01240	.03730	.07600	.49040
2.990	4.710	.09450	-.01360	.00790	.00110	.00040	.07270	.01260	.08820	.08020	1.09980
2.990	6.800	.15190	-.01950	.00590	.00110	.00040	.07130	.01270	.14240	.08860	1.60400
2.990	8.830	.21010	-.02490	.00500	.00130	.00070	.06960	.01290	.19690	.10110	1.94680
2.990	10.920	.27120	-.03170	.00290	.00140	.00090	.06790	.01290	.25340	.11810	2.14600
2.990	13.000	.33630	-.03620	.00240	.00130	.00120	.06630	.01290	.31260	.14030	2.22900
2.990	15.080	.40210	-.04410	.00000	.00180	.00150	.06470	.01290	.37140	.16720	2.22130
2.990	17.190	.47440	-.05220	-.00300	.00230	.00160	.06260	.01280	.43470	.20000	2.17260
2.990	19.260	.54740	-.06160	-.00610	.00300	.00160	.05980	.01310	.49700	.23710	2.09620
2.990	21.270	.62040	-.07110	-.00820	.00340	.00170	.05730	.01350	.55730	.27850	2.00110
2.990	23.230	.69270	-.08070	.00420	.00140	.00090	.06790	.01300	.61490	.31840	2.19290
GRADIENT		.02636	-.00196	-.00055	.00002	.00010	-.00079	.00015	.02303	.00110	.31460

RUN NO. 106/ 0    RN/L = 5.47    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.640	-.03090	-.01270	.00670	.00090	.00000	.06430	.00220	-.03170	.06400	-.49540
4.959	2.570	.00980	-.01640	.00590	.00090	.00040	.06100	.00270	.00710	.06130	.11580
4.959	4.620	.04650	-.01700	.00540	.00070	.00060	.05990	.00290	.04150	.06350	.65390
4.959	6.670	.08370	-.01770	.00530	.00160	.00060	.05800	.00320	.07640	.06730	1.13480
4.959	8.680	.12690	-.02170	.00240	.00190	.00060	.05450	.00290	.11910	.07330	1.62450
4.959	10.720	.17620	-.02460	.00230	.00190	.00080	.05180	.00330	.16350	.08370	1.95300
4.959	12.780	.22640	-.02690	.00160	.00170	.00140	.04980	.00320	.20980	.09870	2.12600
4.959	14.800	.27940	-.03050	.00040	.00180	.00150	.04790	.00340	.25790	.11770	2.19120
4.959	16.860	.33620	-.03790	-.00300	.00220	.00160	.04650	.00340	.31010	.14270	2.17210
4.959	18.860	.39880	-.04350	-.00360	.00270	.00200	.04640	.00350	.36230	.17300	2.09410
4.959	20.820	.45920	-.05120	-.00710	.00270	.00190	.04620	.00350	.41280	.20650	1.99820
GRADIENT		.01943	-.00107	-.00032	-.00005	.00015	-.00110	.00018	.01838	-.00011	.28850

MS55 (FAS) MAR ATP ORB (BICIDIFIMI) (WIEI) (VIKIRI)

(R76324) ( 19 OCT 78 )

REFERENCE DATA

PARAMETRIC DATA

SREF = 7.4180 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 RUOOCR = .000  
 RUOFLR = 40.000

RUN NO. 173/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.895	22.040	.87200	-.00750	-.01230	.00350	-.00150	.00820	.05120	.80520	.33490	2.40430
.895	23.950	.89220	-.00010	-.01760	.00600	-.00060	.00430	.05720	.81360	.36620	2.22180
.895	25.990	.93260	-.00030	-.01330	.00540	-.00130	.00490	.05890	.83610	.41320	2.02340
.895	28.060	.98590	-.00340	.00100	.00440	-.00850	.00480	.06330	.86760	.46810	1.85310
.895	30.120	1.04950	-.01610	.00170	.01130	-.01320	.00210	.06740	.90670	.52850	1.71530
.895	32.190	1.12690	-.02720	-.01070	.01620	-.01100	-.00160	.06940	.95440	.59910	1.59310
.895	34.270	1.20060	-.02640	-.01710	.01480	-.00530	-.00600	.07140	.99550	.67100	1.48340
.895	36.320	1.26120	-.02910	-.02260	.01510	-.00370	-.01380	.07430	1.02440	.73590	1.39200
.895	38.420	1.32510	-.03030	-.02540	.01330	-.00380	-.02130	.07470	1.05140	.80680	1.30310
.895	40.480	1.38700	-.03370	-.02640	.01280	-.00520	-.03200	.07740	1.07580	.87610	1.22780
.895	42.430	1.44410	-.03940	-.03070	.01280	-.00460	-.04030	.07820	1.09310	.94460	1.15710
.895	32.210	1.12810	-.02540	-.01120	.01540	-.01000	-.00150	.06860	.95530	.80000	1.59210
GRADIENT		.02974	-.00197	-.00102	.00054	-.00010	-.00226	.00128	.01566	.03075	-.05981

RUN NO. 172/ 0 RN/L = 6.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.902	22.840	.90900	.01300	-.01580	.00550	-.00180	.03400	.06580	.82450	.38430	2.14520
.902	24.830	.97050	.01430	-.01610	.00640	-.00030	.03250	.06780	.86710	.43700	1.98390
.902	26.960	1.05530	.00250	-.01660	.00860	-.00180	.03260	.06770	.92570	.50770	1.82340
.902	29.170	1.15360	-.01100	-.02470	.01130	-.00020	.03220	.06840	.99150	.59060	1.67880
.902	31.320	1.25370	-.01070	-.03400	.01190	.00500	.02740	.06950	1.03960	.66480	1.56380
.902	33.460	1.31190	-.01120	-.03650	.01210	.00670	.01900	.07220	1.08390	.73930	1.46610
.902	35.650	1.36670	-.00830	-.01860	.00810	-.00140	.00870	.07450	1.12330	.81660	1.37350
.902	37.750	1.44120	-.00920	-.00330	.00680	-.00830	-.00380	.07410	1.14210	.87900	1.29920
.902	39.840	1.50040	-.01560	-.00300	.00690	-.00850	-.01330	.07450	1.16180	.94950	1.22360
.902	41.960	1.57000	-.02180	-.01120	.00720	-.00490	-.02110	.07430	1.18150	1.03410	1.14240
.902	43.960	1.62920	-.02590	-.01880	.00680	-.00290	-.02600	.07450	1.19200	1.11090	1.07300
.902	33.460	1.31530	-.01060	-.03740	.01160	.00680	.01840	.07280	1.08710	.74060	1.46790
GRADIENT		.03445	-.00165	.00042	-.00005	-.00028	-.00324	.00045	.01791	.03448	-.04901

MS5 (PAB) NAR ATP ORB (BICIDIFINI) (WIE1) (VIKIR1)

(R70324) ( 19 OCT 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 RUDDER = .000  
 RUDFLR = 40.000

RUN NO. 106/ 0 RW/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.610	.61620	-.07080	-.00810	.00340	.00110	.03550	.01360	.55140	.28050	1.96530
2.990	23.760	.66900	-.07840	-.00950	.00420	.00130	.03360	.01390	.60890	.32690	1.86240
2.990	25.690	.70870	-.08920	-.01300	.00460	.00140	.03170	.01400	.66890	.36220	1.74980
2.990	26.000	.85430	-.10000	-.01510	.00510	.00160	.04980	.01410	.73090	.44510	1.64210
2.990	30.100	.93740	-.10990	-.01530	.00400	.00240	.04780	.01410	.78700	.51160	1.53640
2.990	32.200	1.02790	-.12060	-.01400	.00210	.00430	.04640	.01400	.84490	.58720	1.43690
2.990	34.340	1.12100	-.13120	-.01330	.00090	.00590	.04500	.01400	.90020	.66960	1.34440
2.990	36.420	1.20930	-.14090	-.01670	.00150	.00620	.04350	.01400	.94710	.75310	1.25740
2.990	38.570	1.30120	-.15170	-.02600	.00390	.00470	.04220	.01360	.99090	.84440	1.17330
2.990	40.660	1.38790	-.16140	-.03100	.00540	.00370	.04110	.01350	1.02590	.93570	1.09640
2.990	42.640	1.46850	-.16960	-.03340	.00540	.00360	.04040	.01350	1.05280	1.02450	1.02760
GRADIENT		.04138	-.00484	-.00109	.00001	.00020	-.00073	-.00002	.02464	.03604	-.04526

RUN NO. 107/ 0 RW/L = 5.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.420	.48740	-.04940	-.00940	.00230	.00190	.05740	.00220	.43260	.23150	1.86890
4.959	23.350	.55340	-.05440	-.01070	.00280	.00210	.05690	.00270	.48540	.27160	1.78710
4.959	25.420	.62620	-.06360	-.01300	.00250	.00230	.05730	.00280	.54090	.32060	1.68720
4.959	27.490	.70220	-.07260	-.01430	.00200	.00280	.05690	.00310	.59660	.37470	1.59200
4.959	29.530	.78080	-.08040	-.01500	.00220	.00340	.05690	.00300	.65120	.43440	1.49890
4.959	31.590	.86260	-.09300	-.01910	.00230	.00370	.05770	.00320	.70450	.50100	1.40610
4.959	33.660	.94560	-.10420	-.02140	.00260	.00370	.05870	.00330	.75440	.57310	1.31640
4.959	35.700	1.02820	-.11470	-.02430	.00330	.00370	.05910	.00330	.80040	.64610	1.23500
4.959	37.810	1.11620	-.12590	-.02500	.00360	.00390	.05900	.00320	.84560	.73090	1.15680
4.959	39.840	1.19870	-.13510	-.02730	.00410	.00400	.05910	.00320	.88240	.81350	1.08470
4.959	41.800	1.27960	-.14620	-.03080	.00390	.00410	.05840	.00310	.91490	.89650	1.02040
GRADIENT		.03914	-.00490	-.00105	.00009	.00011	.00011	.00004	.02404	.03285	-.04229

MS55 (PA3) MAR ATP ORB (B1C1D1F1H1) (M1E1) (V1K1R1)

(R76325) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 10.000 CONFIG = 3.000  
 RUDDER = .000 RUOFLR = 40.000  
 ELEVTR = .000 CBODELV = .000  
 IBODELV = .000 ATLRON = .000  
 CBOAIL = .000 IBOAIL = .000

RUN NO. 179/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.996	-10.070	.48960	-.00620	.15740	-.01090	.02170	.01880	.03010	.47670	.11310	4.21460
.996	-8.150	.49650	-.00360	.12080	-.00920	.01930	.02070	.02950	.48310	.11630	4.15240
.996	-6.110	.50850	-.00340	.08500	-.00720	.01560	.02010	.02870	.49500	.11820	4.18790
.996	-4.050	.51570	-.00140	.05170	-.00510	.01210	.01900	.02870	.50230	.11860	4.23420
.996	-2.010	.51940	.00060	.01800	-.00160	.00820	.01730	.02930	.50610	.11770	4.29880
.996	.010	.52790	.00260	-.01300	.00020	.00520	.01580	.03060	.51480	.11800	4.36110
.996	2.040	.53210	.00500	-.03970	.00230	.00160	.01500	.03130	.51900	.11810	4.39380
.996	4.080	.53380	.00260	-.07490	.00520	-.00240	.01150	.03370	.52140	.11800	4.53260
.996	6.130	.54000	.00410	-.10630	.00870	-.00600	.01340	.03210	.52710	.11820	4.45890
.996	8.150	.54110	.00060	-.14190	.01170	-.00950	.01300	.03200	.52820	.11800	4.47640
.996	10.110	.54250	.00010	-.17350	.01340	-.01290	.01160	.03390	.52990	.11680	4.53460
.996	.010	.52630	.00370	-.01300	.00040	.00450	.01570	.03120	.51320	.11760	4.36280
GRADIENT		.00241	.00061	-.01531	.00121	-.00175	-.00085	.00059	.00232	-.00034	.03407

RUN NO. 188/ 0 RN/L = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.200	-10.350	.62660	-.07760	.15180	-.00160	.02720	.07660	.04440	.59720	.20440	2.92100
1.200	-8.340	.64220	-.07320	.11460	-.00150	.02490	.07760	.04370	.61210	.20900	2.92800
1.200	-6.230	.65330	-.07270	.07720	-.00130	.02010	.07890	.04280	.62460	.21350	2.92530
1.200	-4.120	.66720	-.07350	.04120	.00050	.01420	.08020	.04160	.63580	.21750	2.92310
1.200	-2.040	.67520	-.07070	.00800	.00300	.00800	.08120	.04190	.64340	.22040	2.91840
1.200	.050	.68270	-.07110	-.02150	.00340	.00270	.08210	.04200	.65050	.22300	2.91590
1.200	2.110	.69200	-.07140	-.04970	.00400	-.00240	.08150	.04280	.65960	.22460	2.93640
1.200	4.170	.69510	-.07290	-.07940	.00560	-.00800	.08050	.04220	.66280	.22440	2.95310
1.200	6.290	.70020	-.07410	-.11290	.00740	-.01450	.07880	.04510	.66810	.22390	2.98400
1.200	8.360	.69940	-.07400	-.14720	.00800	-.02060	.07920	.04570	.66730	.22400	2.97830
1.200	10.410	.69360	-.07580	-.18050	.00700	-.02500	.07880	.04640	.66170	.22220	2.97700
1.200	.040	.68300	-.06950	-.02260	.00340	.00210	.08260	.04110	.65060	.22370	2.90800
GRADIENT		.00350	.00006	-.01442	.00054	-.00264	.00004	.00010	.00339	.00067	.00376

M555 (PAS) MAR ATP ORB (SICIDIFINI) (MIEI) (VIRIRI)

(R76325) ( 05 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BRP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 40.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBOAIL = .000 IBDAIL = .000

RUN NO. 113/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
2.990	-10.150	.26480	-.03670	.13300	.00420	.06860	.06740	.01340	.24720	.11630	2.12470
2.990	-8.200	.27000	-.03710	.10420	.00330	.00700	.06660	.01340	.25230	.11660	2.16480
2.990	-6.130	.27320	-.03560	.07550	.00200	.00610	.06640	.01330	.25560	.11700	2.18470
2.990	-4.080	.27740	-.03300	.04810	.00120	.00420	.06640	.01310	.25980	.11780	2.20520
2.990	-2.040	.28090	-.03460	.02180	.00090	.00260	.06640	.01310	.26310	.11850	2.22040
2.990	.000	.28030	-.03370	-.00630	.00150	.00040	.06660	.01300	.26250	.11860	2.21310
2.990	2.040	.28270	-.03230	-.03320	.00190	-.00170	.06740	.01300	.26470	.11980	2.20940
2.990	4.070	.28340	-.03460	-.06050	.00150	-.00380	.06740	.01290	.26550	.12000	2.21250
2.990	6.180	.28290	-.03460	-.08780	.00060	-.00560	.06770	.01290	.26490	.12020	2.20290
2.990	8.210	.28040	-.03400	-.11520	-.00080	-.00720	.06810	.01320	.26240	.12010	2.18440
2.990	10.160	.27980	-.03430	-.14380	-.00190	-.00880	.06850	.01350	.26150	.12030	2.17280
	GRADIENT	.00068	.00016	-.01336	.00008	-.00100	.00015	-.00002	.00064	.00028	.00018

RUN NO. 114/ 0 RN/L = 4.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
4.959	-10.010	.16980	-.02360	.10110	.00600	.00770	.06110	.00300	.15540	.09170	1.69530
4.959	-8.100	.17400	-.02320	.07950	.00460	.00670	.05890	.00320	.15990	.09030	1.77130
4.959	-6.060	.17950	-.02630	.05810	.00340	.00560	.05830	.00190	.16550	.09070	1.82490
4.959	-4.040	.18080	-.02620	.03630	.00200	.00450	.05580	.00260	.16710	.08830	1.89190
4.959	-2.020	.18700	-.02690	.01690	.00160	.00250	.05390	.00280	.17370	.08780	1.97790
4.959	.000	.18690	-.02670	-.00550	.00140	.00020	.05360	.00290	.17370	.08750	1.98330
4.959	2.040	.18910	-.02370	-.02350	.00010	-.00180	.05380	.00300	.17580	.08800	1.99610
4.959	4.040	.18750	-.02340	-.04490	-.00020	-.00380	.05630	.00330	.17370	.09020	1.92560
4.959	6.100	.18650	-.02360	-.06690	-.00140	-.00560	.05780	.00330	.17250	.09130	1.88380
4.959	8.110	.18400	-.02530	-.08770	-.00280	-.00690	.05940	.00350	.16970	.09260	1.83110
4.959	10.030	.18220	-.02190	-.10700	-.00410	-.00780	.06170	.00360	.16750	.09460	1.77090
	GRADIENT	.00079	.00014	-.01023	-.00029	-.00102	.00006	.00008	.00076	.00020	.00423



MOSS (FAS) MAR ATP CRB (BIC10S1M1) (WIE1) (V1K1R1)

(R76326) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BRFP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 40.000  
 ELEVTR = .000 OBOELV = .000  
 IBOELV = .000 AILRON = .000  
 OBDAIL = .000 IBDAIL = .000

RUN NO. 167/ 0 RN/L = 4.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
.995	-10.070	.87710	-.01460	.14330	-.00660	.01230	.00190	.04360	.81390	.32680	2.49020
.995	-8.190	.88150	-.01000	.11150	-.00530	.00820	.00290	.04630	.81760	.32950	2.48130
.995	-6.110	.88200	-.00660	.07960	-.00450	.00430	.00450	.04630	.81750	.33110	2.46660
.995	-4.040	.88450	-.00510	.03970	-.00170	.00000	.00320	.04990	.82030	.33090	2.47830
.995	-2.010	.88140	-.00010	.00530	.00150	-.00400	.00430	.05180	.81700	.33080	2.46950
.995	.020	.87510	.00660	-.02590	.00420	-.00520	.00400	.05500	.81120	.32820	2.47130
.995	2.030	.87310	.00830	-.05210	.00580	-.00560	.00410	.05500	.80940	.32750	2.47090
.995	4.060	.86820	.00840	-.08160	.00740	-.00570	.00260	.05370	.80540	.32430	2.48330
.995	6.140	.87090	.00490	-.11400	.00860	-.00820	.00410	.04980	.80730	.32660	2.47150
.995	8.170	.86480	.00190	-.15320	.00950	-.00820	.00340	.04570	.82040	.33140	2.47360
.995	10.160	.80320	-.00110	-.18920	.00920	-.00640	-.00010	.04410	.83870	.33510	2.30300
.995	.020	.87150	.00670	-.02670	.00410	-.00490	.00430	.05460	.80770	.32710	2.46910
GRADIENT		-.00202	.00175	-.01481	.00111	-.00064	-.00007	.00053	-.00185	-.00081	.00056

RUN NO. 112/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CSL	CAF	CAB	CL	CD	L/D
2.990	-10.130	.81310	-.06940	.10630	.01330	.01690	.05820	.01370	.34900	.27910	1.96690
2.990	-8.200	.82020	-.07180	.08100	.01210	.01350	.05650	.01390	.35620	.28020	1.98460
2.990	-6.130	.82710	-.07560	.05410	.01050	.00990	.05520	.01420	.36300	.28150	1.99970
2.990	-4.080	.83020	-.07490	.02850	.00850	.00680	.05460	.01420	.36640	.28230	2.00620
2.990	-2.030	.83260	-.07430	.00540	.00560	.00390	.05490	.01390	.36840	.28340	2.00310
2.990	.010	.83590	-.07400	-.01490	.00240	.00100	.05420	.01360	.37150	.28390	2.01260
2.990	2.060	.83820	-.07440	-.03590	-.00140	-.00170	.05460	.01350	.37350	.28530	2.01020
2.990	4.110	.84040	-.07600	-.05830	-.00470	-.00460	.05490	.01380	.37540	.28630	2.00950
2.990	6.220	.84090	-.07580	-.08190	-.00730	-.00800	.05520	.01400	.37580	.28680	2.00710
2.990	8.230	.84110	-.07300	-.10690	-.00910	-.01160	.05660	.01420	.37550	.28820	1.99620
2.990	10.180	.83730	-.07050	-.13280	-.01060	-.01520	.05820	.01410	.37130	.28830	1.98140
GRADIENT		.00123	-.00011	-.01050	-.00163	-.00139	.00001	-.00006	.00113	.00048	.00057

NO55 (FAS) MAR ATP ORB (BICIDIFIMI) (MEE1) (VIXIRA)

(R76326) ( 03 NOV 72 )

REFERENCE DATA

WREF = 7.4190 SQ. IN.    WMRP = 3.4530 IN.  
 LREF = 2.1020 IN.        YMRP = .0000 IN.  
 SREF = 4.0300 IN.        ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 20.000    CONFIC = 3.000  
 RUDDER = .000     RUDFLR = 40.000  
 ELEVTR = .000     CBDELV = .000  
 IBDDELV = .000    AILRON = .000  
 OBDAIL = .000     IBDAIL = .000

RUN NO. 111/ 0    RN/L = 4.89    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CH	CLM	CY	CYN	CBL	CAF	CAS	CL	CD	L/D
4.959	-10.020	.48540	-.05170	.07460	.01230	.01250	.05640	.00250	.43240	.22760	1.89980
4.959	-8.100	.49300	-.05860	.05690	.01100	.01050	.05320	.00300	.44060	.22740	1.93710
4.959	-6.050	.49910	-.05400	.03660	.00900	.00820	.05070	.00310	.44730	.22730	1.96780
4.959	-4.050	.50320	-.05340	.01980	.00690	.00600	.04660	.00340	.45180	.22660	1.99170
4.959	-2.010	.50740	-.05560	.00230	.00460	.00330	.04690	.00340	.45630	.22680	2.01150
4.959	.000	.51010	-.05420	-.01170	.00200	.00060	.04730	.00340	.45670	.22820	2.00990
4.959	2.050	.51270	-.05640	-.02750	-.00150	-.00170	.04730	.00340	.46100	.22910	2.01180
4.959	4.050	.51300	-.05540	-.04260	-.00430	-.00440	.04810	.00360	.46110	.22990	2.00500
4.959	6.110	.51090	-.05480	-.06140	-.00660	-.00710	.05020	.00360	.45830	.23120	1.98220
4.959	8.110	.50930	-.05210	-.07830	-.00820	-.00970	.05280	.00380	.45590	.23300	1.95650
4.959	10.060	.50720	-.05220	-.09800	-.01020	-.01200	.05490	.00370	.45320	.23420	1.93460
	GRADIENT	.00123	-.00023	-.00767	-.00141	-.00128	-.00003	.00002	.00115	.00042	.00133

M555 (FAS) MAR ATP ORB (BICIDIFINI) (WIEI) (VIKIRI)

(R76327) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 30.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 40.000  
 ELEVTB = .000 CBDELV = .000  
 TBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 166/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.894	-10.090	1.10870	-.03560	.04710	.03200	.01790	-.02210	.07040	.95020	.57160	1.66220
.894	-8.150	1.14980	-.04010	.02920	.02640	.01510	-.02200	.06970	.98120	.59210	1.65710
.894	-6.110	1.17070	-.03490	.00870	.02450	.01210	-.01790	.06850	.99980	.60930	1.64070
.894	-4.080	1.18830	-.02840	-.00450	.02560	-.00110	-.01260	.06890	.99320	.61140	1.62440
.894	-2.050	1.16440	-.01980	-.01380	.01990	-.00700	-.01030	.07090	.99030	.61240	1.61690
.894	.000	1.16210	-.01040	-.03320	.01080	-.00470	-.00920	.07330	.98780	.61230	1.61320
.894	2.070	1.16030	-.00810	-.05470	.00090	-.00130	-.00970	.07460	.98650	.61100	1.61450
.894	4.100	1.15890	-.01320	-.07340	-.00570	-.00120	-.01090	.07270	.98560	.60900	1.61630
.894	6.190	1.17050	-.02390	-.09610	-.01110	-.00210	-.01960	.07500	1.00040	.60800	1.64520
.894	8.190	1.18870	-.03260	-.10750	-.01390	-.00780	-.02670	.07750	1.00280	.60080	1.66890
.894	10.120	1.17110	-.03710	-.11870	-.01850	-.01320	-.03070	.07870	1.00710	.59850	1.68250
.894	.000	1.18150	-.01020	-.05400	.01080	-.00530	-.00870	.07330	.98690	.61240	1.61150
GRADIENT		-.00096	.00186	-.00873	-.00399	.00027	.00021	.00055	-.00093	-.00030	-.00071

RUN NO. 109/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	-10.110	1.02150	-.11650	.08920	.01350	.02460	.05060	.01390	.83740	.58720	1.42590
2.990	-8.180	1.03070	-.11940	.06600	.01310	.02070	.04890	.01410	.84600	.59080	1.43170
2.990	-6.110	1.03880	-.12210	.04210	.01060	.01640	.04750	.01420	.85330	.59390	1.43650
2.990	-4.040	1.04400	-.12640	.01930	.00780	.01220	.04640	.01420	.85850	.59600	1.44040
2.990	-2.010	1.04700	-.12660	.00020	.00400	.00810	.04570	.01410	.86130	.59700	1.44250
2.990	.020	1.04880	-.12740	-.02090	.00160	.00290	.04490	.01400	.86320	.59730	1.44510
2.990	2.090	1.05310	-.12640	-.04730	.00100	-.00320	.04530	.01390	.86660	.60010	1.44400
2.990	4.120	1.05440	-.12620	-.06910	-.00140	-.00860	.04630	.01400	.86720	.60160	1.44130
2.990	6.210	1.05940	-.12470	-.08950	-.00510	-.01330	.04760	.01410	.86730	.60330	1.43740
2.990	8.230	1.05950	-.12100	-.11050	-.00820	-.01750	.04800	.01430	.86540	.60270	1.43590
2.990	10.180	1.04920	-.11680	-.13350	-.01080	-.02170	.04890	.01440	.86130	.60110	1.43270
GRADIENT		.00132	.00003	-.01101	-.00105	-.00259	-.00003	-.00003	.00111	.00070	.00016

N955 (FAS) NAR ATP CRB (B1C1D1F1M1) (W1E1) (V1K1R1)

(R76327) ( 03 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0500 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 30.000 CONFIG = 3.000  
 RUDDER = .000 RUDFLR = 40.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 110/ 0 RN/L = 4.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	-10.010	.87460	-.09150	.05630	.01340	.02070	.05560	.00250	.71970	.90570	1.41520
4.959	-8.080	.86150	-.09370	.04150	.01160	.01710	.05370	.00280	.72260	.90770	1.42510
4.959	-6.040	.89050	-.09770	.02350	.00900	.01340	.05200	.00300	.73110	.91110	1.43040
4.959	-4.000	.89870	-.10060	.00610	.00690	.00950	.05070	.00320	.73710	.91320	1.43610
4.959	-2.000	.90220	-.09960	-.00730	.00440	.00610	.04950	.00320	.74230	.91520	1.44070
4.959	.010	.90270	-.10190	-.02360	.00180	.00230	.04850	.00320	.74330	.91460	1.44440
4.959	2.050	.90580	-.10030	-.03700	-.00070	-.00240	.04860	.00320	.74580	.91630	1.44440
4.959	4.050	.90560	-.09730	-.04990	-.00320	-.00630	.04830	.00320	.74580	.91600	1.44530
4.959	6.110	.90430	-.09670	-.06500	-.00550	-.01050	.05000	.00330	.74390	.91670	1.43950
4.959	8.120	.90260	-.09770	-.08350	-.00790	-.01450	.05170	.00330	.74160	.91740	1.43340
4.959	10.060	.90020	-.09390	-.09930	-.00970	-.01790	.05340	.00350	.73850	.91740	1.42710
GRADIENT		.00106	.00029	-.00703	-.00126	-.00199	-.00028	-.00000	.00104	.00033	.00110

M899 (FAS) MAR ATP CR6 (S1C1D1P1M1) (M1E1) (V1K1R1)

(R76326) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4180 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONF16 = 3.000  
 RUDDER = 15.000 RUOPLR = 10.000  
 ELEVTR = .000 OSDELV = .000  
 ISDELV = .000 AILRON = .000  
 OSDBIL = .000 ISDBIL = .000

RUN NO. 157/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.500	.670	-.03090	.03150	.07690	-.02770	.01450	.03430	.02710	-.03130	.03400	-.92130
.500	2.670	.05340	.02700	.07600	-.02690	.01510	.03280	.02690	.03380	.03540	1.52070
.500	4.770	.15080	.02010	.07310	-.02580	.01490	.02850	.02610	.14790	.04100	3.60650
.500	6.690	.25140	.01120	.07140	-.02530	.01460	.02280	.02500	.24690	.05280	4.66670
.500	9.010	.36870	-.00190	.06870	-.02510	.01510	.01670	.02600	.36150	.07430	4.66240
.500	11.110	.47360	-.01300	.06460	-.02460	.01510	.01390	.02660	.46200	.10500	4.39910
.500	13.220	.56210	-.02440	.06260	-.02450	.01370	.00950	.02970	.56450	.14250	3.95960
.500	15.290	.66530	-.02910	.05950	-.02490	.01360	.00870	.03180	.63940	.18390	3.47530
.500	17.440	.75990	-.02960	.05910	-.02560	.01430	.00600	.03730	.72320	.23350	3.09640
.500	19.490	.83020	-.02920	.06110	-.02720	.01290	.00440	.04310	.78110	.28130	2.77640
.500	21.490	.88260	-.02700	.06040	-.02730	.01020	.00640	.04710	.81900	.32950	2.48540
.500	11.120	.47470	-.01160	.06420	-.02430	.01460	.01350	.02730	.46320	.10460	4.41760
GRADIENT		.04433	-.00278	-.00093	.00046	.00010	-.00142	-.00025	.04372	.00172	1.10342

RUN NO. 158/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.903	.610	-.09080	.06510	.07410	-.02650	.01270	.04130	.03250	-.09130	.04030	-2.26170
.903	2.700	.00990	.06050	.06730	-.02500	.01320	.04090	.03130	.00790	.04130	.19290
.903	4.940	.13730	.04570	.06650	-.02440	.01300	.03400	.03120	.13360	.04570	2.92340
.903	7.160	.26680	.02690	.06140	-.02400	.01330	.03190	.03110	.26190	.06510	4.02200
.903	9.360	.37960	.01800	.05770	-.02330	.01400	.03370	.03190	.36910	.09500	3.88420
.903	11.570	.49970	.00320	.05030	-.02190	.01520	.03400	.03590	.48270	.13360	3.61200
.903	13.730	.61780	-.01450	.04960	-.02150	.01730	.03370	.03880	.59200	.17970	3.29400
.903	15.930	.71690	-.02280	.04000	-.02110	.01690	.03310	.04540	.68220	.22920	2.97580
.903	18.160	.82320	-.02270	.04500	-.02590	.01340	.03690	.05380	.77060	.29180	2.64070
.903	20.280	.86950	-.00990	.05260	-.02530	.00490	.03500	.06220	.80410	.33240	2.41870
.903	22.340	.93560	-.00290	.04750	-.02460	.00890	.03740	.06470	.85110	.39030	2.18080
.903	11.560	.50020	-.00020	.05550	-.02230	.01510	.03210	.03480	.48560	.13170	3.67020
GRADIENT		.05273	-.00451	-.00174	.00048	.00007	-.00170	-.00030	.05204	.00126	1.19774

MS55 (PA3) MAR ATP ORB (BICIDIFIMI) (MIEI) (VIKIRI)

(RT6326) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = 19.000 RUOFLR = 10.000  
 ELEVTR = .000 CBOELV = .000  
 IBOELV = .000 AILRON = .000  
 CBOAIL = .000 IBOAIL = .000

RUN NO. 139/ 0 RN/L = 6.69 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.196	.770	-.01630	.06440	.06290	-.02430	.01320	.07440	.04700	-.01930	.07420	-.26110
1.196	2.910	.11220	.03370	.03620	-.02310	.01370	.07400	.04680	.10830	.07960	1.35950
1.196	5.170	.25380	-.00200	.05430	-.02150	.01320	.07400	.04580	.24610	.09660	2.34710
1.196	7.450	.38760	-.03190	.04860	-.02030	.01300	.07520	.04250	.37460	.12480	2.99940
1.196	9.700	.51630	-.05710	.04380	-.01900	.01250	.07480	.04300	.49630	.16070	3.08730
1.196	11.960	.64790	-.08130	.03820	-.01820	.01150	.07560	.04300	.61810	.20830	2.96700
1.196	14.210	.77400	-.10020	.03410	-.01770	.01150	.07610	.04560	.73160	.26390	2.77230
1.196	16.420	.87370	-.10920	.02790	-.01590	.01450	.07560	.04940	.81660	.31960	2.55440
1.196	18.710	.97410	-.10620	.02620	-.01690	.01140	.07590	.05340	.89820	.38460	2.33550
1.196	20.920	1.06190	-.11990	.02620	-.01940	.01140	.07400	.05660	.98410	.45560	2.16000
1.196	23.000	1.14290	-.11490	.02430	-.01770	.01040	.06970	.05960	1.02480	.51080	2.00600
1.196	11.970	.65270	-.08160	.03790	-.01830	.01160	.07560	.04300	.62280	.20940	2.97430
GRADIENT		.06098	-.01435	-.00201	.00056	.00023	-.00019	-.00009	.05963	.00252	.75729

RUN NO. 146/ 0 RN/L = 6.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.956	.750	.01520	.00490	.04200	-.01440	.00770	.07370	.02540	.01420	.07390	.18770
1.956	2.800	.09450	-.00840	.03940	-.01360	.00710	.07490	.02560	.09070	.07940	1.14160
1.956	5.020	.18060	-.02380	.03660	-.01270	.00720	.07550	.02560	.17330	.09110	1.90260
1.956	7.200	.26160	-.03760	.03310	-.01160	.00710	.07470	.02660	.25020	.10690	2.33910
1.956	9.400	.34520	-.05130	.03090	-.01100	.00720	.07450	.02670	.32840	.12990	2.52760
1.956	11.570	.42320	-.06320	.02830	-.01000	.00700	.07350	.02390	.39980	.15690	2.54740
1.956	13.760	.50120	-.07430	.02550	-.00960	.00730	.07190	.02600	.46970	.18910	2.48350
1.956	15.920	.57820	-.08290	.02310	-.00960	.00780	.07010	.02630	.53680	.22610	2.37350
1.956	18.130	.65980	-.08900	.01930	-.00980	.00810	.37030	-.27560	.51160	.55740	.91780
1.956	20.310	.73010	-.09380	.01550	-.00850	.00860	.06510	.02630	.66210	.31450	2.10480
1.956	22.430	.80940	-.10200	.01160	-.00720	.00990	.06210	.02700	.72450	.36630	1.97770
1.956	11.550	.41530	-.05968	.02760	-.00990	.00670	.07240	.02580	.39240	.15420	2.54440
GRADIENT		.03668	-.00649	-.00127	.00039	-.00029	-.00039	.00010	.03732	.00171	.46532

MS95 (FAS) MAR ATP CRB (SICIDIFIMI) (WIE1) (VIRIR1)

(RT6328) ( 03 NOV 72 )

REFERENCE DATA

SREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 ISDELV = .000 AILRCN = .000  
 CBDAIL = .000 ISDAIL = .000

RUN NO. 129/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	.670	-.00830	-.01030	.02480	-.00760	.00400	.07130	.01250	-.00910	.07120	-.12850
2.990	2.610	.04120	-.01400	.02370	-.00720	.00400	.06990	.01280	.03800	.07180	-.32990
2.990	4.700	.09730	-.01820	.02260	-.00700	.00420	.06860	.01300	.09130	.07630	1.19600
2.990	6.770	.15210	-.02360	.02060	-.00670	.00420	.06690	.01320	.14320	.08440	1.69990
2.990	8.850	.21240	-.02980	.01840	-.00650	.00420	.06520	.01330	.19980	.09710	2.05770
2.990	10.920	.27350	-.03600	.01730	-.00660	.00450	.06310	.01340	.25650	.11380	2.25300
2.990	13.020	.33610	-.03980	.01620	-.00620	.00490	.06190	.01330	.31550	.13650	2.30990
2.990	15.060	.40310	-.04670	.01360	-.00570	.00490	.05960	.01330	.37370	.16240	2.29980
2.990	17.210	.47740	-.05360	.01000	-.00450	.00490	.05740	.01320	.43900	.19620	2.23760
2.990	19.280	.55120	-.06000	.00300	-.00300	.00450	.05510	.01350	.50210	.23400	2.14510
2.990	21.270	.62400	-.07470	.00260	-.00220	.00430	.05450	.01350	.56170	.27720	2.02630
GRADIENT		.02621	-.00196	-.00055	.00015	.00003	-.00067	.00012	.02492	.00128	.32653

RUN NO. 130/ 0 RN/L = 4.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.660	-.02990	-.01420	.01480	-.00350	.00250	.06410	.00260	-.03070	.06370	-.46190
4.959	2.370	.00850	-.01930	.01300	-.00370	.00240	.06100	.00290	.00580	.06130	.09460
4.959	4.600	.04660	-.02070	.01130	-.00360	.00240	.05990	.00320	.04180	.06350	.63910
4.959	6.650	.08670	-.02060	.01120	-.00280	.00260	.05750	.00340	.07940	.06720	1.18140
4.959	8.680	.13330	-.02600	.00770	-.00230	.00230	.05430	.00330	.12360	.07380	1.67320
4.959	10.720	.18010	-.02920	.00930	-.00220	.00270	.05190	.00330	.16730	.08430	1.97780
4.959	12.760	.23470	-.03190	.00580	-.00190	.00300	.05030	.00360	.21760	.10100	2.15580
4.959	14.800	.28970	-.03360	.00580	-.00120	.00310	.04820	.00360	.26770	.12060	2.21630
4.959	16.890	.35230	-.03990	.00230	-.00040	.00280	.04690	.00370	.32340	.14730	2.19530
4.959	18.910	.41460	-.04630	.00000	.00010	.00290	.04620	.00360	.37720	.17820	2.11700
4.959	20.880	.48020	-.05440	-.00500	.00080	.00280	.04590	.00370	.43230	.21410	2.01870
GRADIENT		.01946	-.00164	-.00089	-.00002	-.00003	-.00106	.00015	.01659	-.00004	.28947

M335 (PAS) NAR ATP CRB (SICIDIFIM1) (MEL) (VIKIR1)

(R76329) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 30. IN. YMRP = 3.4550 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUOFLR = 10.000  
 ELEVTR = .000 OBDELV = .000  
 IBDDELV = .000 AIRLON = .000  
 OBOAIL = .000 IBDAIL = .000

RUN NO. 156/ 0 RN/L = 4.95 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.893	22.010	.87960	-.01790	.04220	-.02200	.00930	.00330	.04980	.81420	.33290	2.44640
.893	23.940	.89880	-.01190	.03830	-.02030	.01160	.00270	.05340	.82020	.36710	2.23400
.893	25.960	.94070	-.01200	.04930	-.02270	.01010	.00160	.05630	.84490	.41360	2.04240
.893	28.040	.98370	-.01710	.06870	-.02370	.00190	-.00050	.06190	.86840	.46210	1.87930
.893	30.110	1.05190	-.03140	.05980	-.01440	-.00050	-.00530	.06790	.91230	.52290	1.74470
.893	32.180	1.12760	-.03660	.04200	-.01180	.00440	-.00770	.07010	.95840	.59400	1.61330
.893	34.230	1.19340	-.03660	.02580	-.01310	.01260	-.01050	.07200	.99230	.66310	1.49650
.893	36.340	1.27300	-.03610	.01960	-.01400	.01480	-.01520	.07500	1.03440	.74210	1.39390
.893	38.460	1.35060	-.04020	.01530	-.01430	.01290	-.02370	.07740	1.07230	.82140	1.30330
.893	40.600	1.41360	-.04960	.01260	-.01120	.00910	-.03140	.07750	1.09330	.89420	1.22480
.893	42.790	1.47860	-.04880	.01040	-.00880	.00690	-.04100	.08070	1.11790	.96860	1.15410
.893	32.200	1.13480	-.03600	.04470	-.01160	.00450	-.00800	.07050	.96450	.59800	1.61290
	GRADIENT	.03091	-.00184	-.00219	.00065	.00011	-.00207	.00152	.01638	.03181	-.06136

RUN NO. 155/ 0 RN/L = 6.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.900	22.600	.91200	.00360	.03980	-.02040	.00920	.03330	.06230	.82780	.38410	2.15480
.900	24.860	.96890	-.00060	.03930	-.02050	.01290	.03170	.06620	.86390	.44460	1.98790
.900	27.020	1.07580	-.01220	.03210	-.01790	.01430	.02860	.06880	.94330	.51420	1.83820
.900	29.140	1.15900	-.02190	.01730	-.01470	.01660	.02360	.06850	.99970	.58690	1.70310
.900	31.290	1.23530	-.01970	-.01040	-.01050	.02630	.02170	.06810	1.04430	.66020	1.58170
.900	33.480	1.32300	-.02340	-.01980	-.00990	.02910	.01870	.06930	1.09480	.74670	1.46620
.900	35.610	1.40230	-.02500	-.01600	-.01200	.02490	.00920	.07320	1.13470	.82410	1.37690
.900	37.690	1.46460	-.02080	-.00180	-.01380	.01350	-.00320	.07650	1.16090	.89300	1.30000
.900	39.860	1.52730	-.02760	.01090	-.00840	.00260	-.01220	.07670	1.17990	.97020	1.21610
.900	41.950	1.56430	-.02850	.00880	-.00950	.00170	-.02000	.07380	1.19160	1.04420	1.14120
.900	44.020	1.63370	-.03040	.00120	-.00300	.00170	-.02650	.07440	1.20740	1.13020	1.06820
.900	33.460	1.32250	-.02060	-.02180	-.00870	.02670	.01720	.06950	1.09380	.74350	1.47100
	GRADIENT	.03308	-.00141	-.00181	.00076	-.00055	-.00298	.00061	.01812	.03328	-.04991



MISS (FAS) WAR ATP ORB (BIC101FMS) (MIE1) (VIKIR1)

(R76329) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

SREF = 7.4190 30. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUOFLR = 10.000  
 ELEVTR = .000 CBOELV = .000  
 IBOELV = .000 AILRCN = .000  
 CBOAIL = .000 IBOAIL = .000

RUN NO. 126/ 0 RNL = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.810	.61750	-.07500	.00250	-.00210	.00430	.05200	.01380	.55400	.27770	1.99470
2.990	23.770	.69050	-.06340	-.00060	-.00120	.00410	.05050	.01400	.61150	.32460	1.88360
2.990	25.890	.77210	-.09340	-.00470	.00000	.00390	.04860	.01430	.67330	.38090	1.76740
2.990	28.000	.85700	-.10300	-.00870	.00120	.00370	.04760	.01440	.73430	.44430	1.65250
2.990	30.100	.94020	-.11040	-.00990	.00150	.00420	.04640	.01420	.79010	.51170	1.54390
2.990	32.200	1.02770	-.12020	-.01080	-.00010	.00560	.04570	.01420	.84320	.58650	1.44100
2.990	34.340	1.11990	-.12950	-.01170	-.00040	.00670	.04470	.01420	.89940	.66870	1.34490
2.990	36.420	1.20970	-.14150	-.01580	.00040	.00700	.04340	.01440	.94750	.75330	1.25760
2.990	38.590	1.30240	-.15340	-.02440	.00250	.00590	.04220	.01370	.99150	.84560	1.17260
2.990	40.860	1.38900	-.16190	-.02950	.00410	.00510	.04020	.01380	1.02740	.93570	1.09800
2.990	42.660	1.46950	-.16940	-.03350	.00500	.00450	.03970	.01380	1.05360	1.02510	1.02760
	GRADIENT	.04126	-.00460	-.00160	.00026	.00009	-.00057	-.00001	.02447	.03616	-.04653

RUN NO. 127/ 0 RNL = 4.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.420	.49860	-.05180	-.00400	.00050	.00310	.04660	.00320	.44700	.22560	1.98160
4.959	23.350	.56630	-.05930	-.00740	.00130	.00300	.04570	.00340	.50180	.26650	1.88260
4.959	25.410	.64010	-.06680	-.00980	.00110	.00320	.04630	.00360	.55830	.31650	1.78380
4.959	27.500	.72040	-.07550	-.01220	.00130	.00380	.04640	.00360	.61750	.37390	1.65130
4.959	29.540	.80060	-.08580	-.01510	.00180	.00390	.04750	.00360	.67300	.43610	1.54330
4.959	31.600	.88590	-.09600	-.01750	.00230	.00390	.04730	.00360	.72960	.50460	1.44580
4.959	33.680	.97360	-.10580	-.01810	.00280	.00420	.04770	.00360	.78360	.57970	1.35160
4.959	35.720	1.05600	-.11790	-.02330	.00300	.00420	.04750	.00360	.82950	.65520	1.26590
4.959	37.830	1.14690	-.12930	-.02620	.00360	.00430	.04750	.00340	.87670	.74100	1.18310
4.959	39.840	1.23010	-.14250	-.02910	.00380	.00450	.04720	.00340	.91420	.82440	1.10880
4.959	41.840	1.31390	-.15080	-.03040	.00420	.00460	.04600	.00330	.94800	.91090	1.04070
	GRADIENT	.04027	-.00496	-.00130	.00016	.00008	.00004	-.00000	.02499	.03381	-.04650

N559 (FAS) NAR ATP CRB (SICIDIFSHI) (WIEI) (VIKIRI)

(RT6330) ( 03 NOV 72 )

REFERENCE DATA

WREF = 7.4190 SQ. IN. WSRP = 3.4530 IN.  
 LREF = 2.1020 IN. YSRP = .0000 IN.  
 BREF = 4.0300 IN. ZSRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 163/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.899	-10.070	-.02620	.02030	.19220	-.02500	.01030	.03170	.03020	-.02610	.03180	-1.62210
.899	-8.130	-.01310	.02240	.16730	-.02710	.01330	.03360	.02780	-.01300	.03390	-1.38590
.899	-6.090	-.00930	.02270	.14810	-.03190	.01790	.03480	.02630	-.00920	.03490	-1.26630
.899	-4.050	-.00790	.02470	.11720	-.03130	.01860	.03420	.02650	-.00780	.03420	-1.20000
.899	-2.010	-.00730	.02880	.08320	-.02820	.01790	.03420	.02700	-.00720	.03420	-1.21210
.899	.010	-.00680	.03390	.05490	-.02540	.01730	.03310	.02820	-.00680	.03320	-1.26510
.899	2.040	-.00320	.03530	.02640	-.02310	.01620	.03440	.02700	-.00310	.03440	-1.09150
.899	4.060	.00150	.03220	-.00800	-.02030	.01920	.03280	.02740	.00150	.03280	.04830
.899	6.140	.01040	.02990	-.04720	-.01600	.01330	.03010	.02740	.01050	.03000	.35020
.899	8.150	.01960	.02640	-.08190	-.01230	.01130	.02450	.03000	.01960	.02440	.80260
.899	10.110	.02170	.02190	-.11890	-.00970	.01050	.02100	.03070	.02180	.02100	1.03680
.899	.010	-.00740	.03340	.05310	-.02540	.01700	.03440	.02700	-.00730	.03440	-.21400
GRADIENT		.00113	.00108	-.01516	.00134	-.00042	-.00013	.00009	.00112	-.00013	.05339

RUN NO. 164/ 0 RN/L = 6.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	-10.240	-.08440	.05340	.20530	-.02840	.01070	.03950	.03520	-.08430	.03980	-2.11650
.901	-8.260	-.07170	.05410	.17630	-.02850	.01340	.04000	.03330	-.07160	.04020	-1.77950
.901	-6.180	-.07140	.06120	.15180	-.03240	.01770	.04340	.03080	-.07130	.04360	-1.63420
.901	-4.090	-.06300	.06070	.11950	-.03080	.01790	.04310	.02980	-.06290	.04330	-1.45230
.901	-2.030	-.05960	.06460	.08140	-.02660	.01670	.04370	.02980	-.05950	.04390	-1.35590
.901	.030	-.05290	.06380	.04790	-.02380	.01550	.04120	.03110	-.05280	.04130	-1.27870
.901	2.090	-.04610	.06430	.01490	-.02110	.01440	.03940	.03150	-.04600	.03950	-1.16400
.901	4.130	-.03880	.06090	-.02200	-.01680	.01260	.03670	.03200	-.03880	.03680	-1.05350
.901	6.230	-.03210	.05620	-.06170	-.01130	.01030	.03190	.03340	-.03200	.03200	-1.00060
.901	8.270	-.02410	.05040	-.09790	-.00760	.00920	.02760	.03470	-.02410	.02760	-.87220
.901	10.280	-.01850	.04880	-.13400	-.00350	.00840	.02440	.03590	-.01850	.02450	-.75500
.901	.030	-.05240	.06530	.04640	-.02350	.01510	.04040	.03170	-.05230	.04050	-1.29230
GRADIENT		.89301	.00001	-.01700	.00168	-.00063	-.00083	.00030	.00300	-.00085	.04812

M55 (FAS) MAR ATF ORB (BICIDIFIMI) (MIEI) (VIKIRI)

(R76330) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

BREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

ALPHA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUDFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 165/ 0 RN/L = 6.71 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.201	-10.500	-.04880	.05860	.21610	-.03070	.02440	.07190	.04730	-.04870	.07200	-.67600
1.201	-8.310	-.03250	.05650	.18190	-.03130	.02520	.07200	.04790	-.03240	.07200	-.45020
1.201	-6.210	-.02060	.05760	.14170	-.02960	.02380	.07330	.04610	-.02050	.07330	-.28000
1.201	-4.100	-.00990	.05940	.10360	-.02630	.02080	.07440	.04610	-.00990	.07440	-.13330
1.201	-2.040	-.00100	.06130	.06950	-.02380	.01770	.07410	.04680	-.00100	.07410	-.01450
1.201	.050	.00500	.06210	.03730	-.02200	.01500	.07300	.04760	.00500	.07300	.06940
1.201	2.130	.01040	.06110	.00430	-.01980	.01190	.07180	.04780	.01040	.07180	.14480
1.201	4.190	.01200	.05720	-.03360	-.01590	.00790	.06940	.04810	.01200	.06940	.17360
1.201	6.320	.01910	.05040	-.07350	-.01130	.00360	.06580	.04910	.01910	.06580	.29110
1.201	8.380	.02130	.04410	-.11190	-.00830	.00060	.06350	.04850	.02130	.06350	.33580
1.201	10.410	.02050	.03830	-.14940	-.00710	-.00120	.06110	.04860	.02050	.06110	.35640
1.201	.050	.00540	.06290	.03730	-.02230	.01480	.07300	.04730	.00530	.07300	.07360
GRADIENT		.00266	-.00022	-.01638	.00119	-.00152	-.00059	.00024	.00266	-.00059	.03726

RUN NO. 147/ 0 RN/L = 6.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.956	-10.430	-.00670	.00510	.19780	-.01520	.00840	.07760	.02740	-.00650	.07760	-.08450
1.956	-8.410	.00320	.00470	.16180	-.01600	.00930	.07760	.02660	.00340	.07760	.04430
1.956	-6.290	.01530	.00570	.12790	-.01740	.01010	.07870	.02570	.01560	.07860	.19920
1.956	-4.180	.02240	.00480	.09260	-.01630	.00980	.07700	.02580	.02250	.07700	.29240
1.956	-2.060	.03010	.00390	.05830	-.01520	.00920	.07730	.02570	.03020	.07730	.38990
1.956	.050	.03530	.00130	.02330	-.01310	.00810	.07690	.02530	.03540	.07690	.46030
1.956	2.140	.03810	.00050	-.01100	-.01070	.00680	.07500	.02570	.03810	.07500	.50860
1.956	4.220	.03940	-.00130	-.04620	-.00820	.00570	.07290	.02600	.03940	.07290	.54180
1.956	6.360	.03790	-.00430	-.08280	-.00650	.00470	.07050	.02640	.03800	.07050	.53910
1.956	8.460	.03550	-.00870	-.11870	-.00600	.00420	.06890	.02690	.03550	.06890	.51610
1.956	10.480	.02910	-.00910	-.15480	-.00660	.00430	.06730	.02740	.02920	.06730	.43370
1.956	.050	.03490	.00190	.02300	-.01320	.00810	.07640	.02560	.03490	.07640	.45760
GRADIENT		.00200	-.00074	-.01655	.00099	-.00051	-.00051	.00002	.00199	-.00051	.02947

NESS (P43) MAR ATP ORS (BICIDIFINI) (MRE1) (VIKIR1)

(R76331) ( 03 NOV 72 )

REFERENCE DATA

BREP = 7.4190 SQ. IN.    XMRP = 3.4530 IN.  
 LREP = 2.1020 IN.    YMRP = .0000 IN.  
 BREP = 4.0300 IN.    ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

ALPHA = 10.000    CONFIG = 3.000  
 RUDDER = 15.000    RUOFLR = 10.000  
 ELEVTR = .000    CBODELV = .000  
 IBODELV = .000    AILRON = .000  
 CBOAIL = .000    IBOAIL = .000

RUN NO. 162/ 0    RN/L = 4.96    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.896	-10.080	.49230	-.01400	.17780	-.02190	.02950	.01270	.02750	.48080	.10760	4.46740
.896	-8.140	.50480	-.01430	.19370	-.02440	.02570	.01270	.02680	.49280	.11010	4.47390
.896	-6.090	.51980	-.01740	.13100	-.02890	.02540	.01270	.02480	.50750	.11310	4.48700
.896	-4.030	.52780	-.01730	.10220	-.02920	.02330	.01140	.02470	.51530	.11350	4.53990
.896	-2.020	.53090	-.01200	.07100	-.02660	.02030	.01150	.02490	.51850	.11430	4.53620
.896	.020	.53730	-.00950	.04260	-.02430	.01650	.01190	.02470	.52470	.11600	4.52240
.896	2.060	.54110	-.00610	.01060	-.02220	.01290	.01100	.02620	.52870	.11590	4.56160
.896	4.070	.54630	-.00770	-.02150	-.01930	.00870	.00830	.02680	.53430	.11430	4.67110
.896	6.150	.55480	-.01990	-.05770	-.01530	.00520	.00660	.02600	.54290	.11430	4.74770
.896	8.170	.56050	-.01590	-.09130	-.01260	.00160	.00480	.02600	.54890	.11370	4.82710
.896	10.130	.56010	-.01820	-.12650	-.01040	-.00200	.00170	.02740	.54910	.11050	4.96730
.896	.010	.55670	-.00670	.03670	-.02460	.01630	.01150	.02500	.52420	.11550	4.53740
GRADIENT		.00236	.00124	-.01518	.00119	-.00180	-.00035	.00027	.00236	.00016	.01418

RUN NO. 161/ 0    RN/L = 6.27    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.898	-10.260	.55540	-.02970	.19810	-.01970	.01450	.02920	.03640	.53820	.14040	3.83320
.898	-8.260	.56250	-.02430	.16430	-.02290	.01970	.02990	.03470	.54490	.14270	3.81660
.898	-6.170	.56920	-.00390	.12120	-.02200	.03030	.03190	.03540	.51190	.13780	3.71400
.898	-4.070	.57040	-.00380	.09140	-.02320	.02790	.03300	.03370	.52270	.14130	3.69880
.898	-2.000	.55270	-.00140	.05960	-.02170	.02290	.03230	.03430	.53470	.14330	3.73110
.898	.090	.55410	-.00080	.03030	-.02080	.01630	.03060	.03540	.53650	.14200	3.77620
.898	2.110	.55900	-.00260	.00160	-.01990	.01370	.02810	.03580	.54180	.14060	3.85230
.898	4.150	.56370	-.00380	-.02670	-.01780	.00810	.02840	.03450	.55110	.14300	3.89270
.898	6.280	.56860	-.00650	-.06250	-.01550	.00200	.02580	.03390	.55160	.14030	3.93050
.898	8.350	.56820	-.00810	-.09580	-.01520	-.00270	.02500	.03400	.55140	.13940	3.95430
.898	10.320	.56310	-.00930	-.12730	-.01650	-.00690	.02250	.03490	.54690	.13590	4.02430
.898	.090	.55770	-.00080	.03020	-.02120	.01780	.03060	.03580	.53990	.14280	3.78030
GRADIENT		.00306	-.00006	-.01451	.00061	-.00237	-.00065	.00015	.00311	.00003	.02088

MS55 (FA3) MAR ATP CRB (SICIDIFIMI) (MREI) (VIKIRI)

(R76331) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

GREP = 7.4190 SQ. IN.    YMRP = 3.4530 IN.  
 LREP = 2.1020 IN.        YMRP = .0000 IN.  
 BREP = 4.0500 IN.        YMRP = .0000 IN.  
 SCALE = .0040

ALPHA = 10.000    CONFIG = 3.000  
 RUDDER = 15.000    RUOFLR = 10.000  
 ELEVTR = .000        CBOELV = .000  
 IBOELV = .000        AILRON = .000  
 CBOAIL = .000        IBOAIL = .000

RUN NO. 160/ 0    RN/L = 6.66    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.199	-10.320	.63260	-.06450	.17610	-.01920	.03360	.07260	.04500	.60420	.20160	2.99330
1.199	-8.310	.64700	-.06450	.14500	-.01740	.03200	.07270	.04430	.61790	.20520	3.01140
1.199	-6.200	.65740	-.06350	.11150	-.01650	.02900	.07370	.04240	.62770	.20860	3.00890
1.199	-4.090	.67090	-.06500	.07830	-.01620	.02360	.07410	.04200	.64070	.21210	3.02080
1.199	-2.000	.68220	-.06220	.04770	-.01730	.01780	.07460	.04270	.65160	.21530	3.02560
1.199	.070	.69060	-.06260	.01660	-.01750	.01300	.07510	.04300	.65980	.21780	3.02660
1.199	2.150	.69670	-.06390	-.00820	-.01780	.00850	.07340	.04360	.66590	.21750	3.06100
1.199	4.210	.70590	-.06660	-.03650	-.01660	.00290	.07140	.04310	.67330	.21760	3.10210
1.199	6.360	.70560	-.06930	-.07120	-.01530	-.00380	.06720	.04520	.67610	.21340	3.16710
1.199	8.410	.70510	-.09250	-.10590	-.01500	-.00930	.06490	.04630	.67590	.21100	3.20310
1.199	10.440	.70220	-.09620	-.13780	-.01600	-.01340	.06270	.04800	.67360	.20800	3.23770
1.199	.070	.69060	-.08200	.01840	-.01780	.01240	.07490	.04320	.65970	.21760	3.03140
GRADIENT		.00407	-.00024	-.01395	.00013	-.00244	-.00032	.00015	.00402	.00064	.00953

RUN NO. 146/ 0    RN/L = 6.66    GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.954	-10.420	.40410	-.05860	.16650	-.00490	.01430	.07190	.02760	.38160	.15130	2.52190
1.954	-8.400	.41310	-.05910	.13410	-.00630	.01360	.07170	.02620	.39040	.15300	2.55000
1.954	-6.260	.42900	-.06200	.10270	-.00690	.01300	.07210	.02560	.40580	.15690	2.58550
1.954	-4.150	.43410	-.06250	.07260	-.01020	.01150	.07170	.02600	.41080	.15770	2.60510
1.954	-2.050	.44110	-.06320	.04350	-.01060	.00980	.07210	.02590	.41750	.15950	2.61630
1.954	.040	.44670	-.06350	.01390	-.01070	.00750	.07250	.02660	.42480	.16160	2.62680
1.954	2.150	.44340	-.06360	-.01650	-.01030	.00510	.06980	.02710	.42030	.15770	2.66460
1.954	4.200	.45640	-.06850	-.04610	-.00900	.00210	.06800	.02660	.43330	.15880	2.72760
1.954	6.350	.45390	-.06980	-.07740	-.00930	-.00020	.06560	.02650	.43130	.15580	2.76720
1.954	8.440	.45020	-.06970	-.10820	-.01100	-.00200	.06460	.02690	.42790	.15410	2.77700
1.954	10.490	.44490	-.07090	-.14170	-.01320	-.00360	.06310	.02820	.42310	.15140	2.79410
1.954	.040	.44450	-.06380	.01280	-.01060	.00740	.07240	.02660	.42060	.16050	2.62060
GRADIENT		.00225	-.00060	-.01424	.00014	-.00113	-.00046	.00012	.00229	.00002	.01406

MS55 (FAS) MAR ATP ORB (B1C1DIF1M1) (M1E1) (V1K1R1)

(R76332) ( 03 NOV 72 )

REFERENCE DATA

BREP = 7.4190 SQ. IN.    WARP = 3.4530 IN.  
 LREP = 2.1020 IN.    YWIP = .0000 IN.  
 SREP = 4.0300 IN.    ZWIP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000    CONFIG = 3.000  
 RUDDER = 15.000    RUOFLR = 40.000  
 ELEVTR = .000    CSDLY = .000  
 ISDELV = .000    AILRON = .000  
 OSBAIL = .000    ISDAIL = .000

RUN NO. 152/ 0    RN/L = 4.95    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.800	.870	-.04580	.04440	.07060	-.02390	.04190	.03980	.03300	-.04620	.03930	-1.17630
.800	2.640	.04150	.03930	.06830	-.02290	.01230	.03840	.03300	.03960	.04030	.98270
.800	4.790	.13800	.03160	.06680	-.02190	.01190	.03470	.03150	.13470	.04600	2.92350
.800	6.890	.23910	.02380	.06270	-.02090	.01170	.02790	.03070	.23400	.05640	4.14660
.800	9.000	.34960	.01030	.05850	-.02040	.01200	.02290	.03100	.34170	.07740	4.41230
.800	11.120	.46220	.00030	.05600	-.01970	.01180	.01940	.03230	.44980	.10820	4.15450
.800	13.220	.58710	-.01130	.05430	-.01960	.00990	.01670	.03280	.54820	.14600	3.75280
.800	15.300	.65800	-.01510	.05100	-.01960	.01040	.01470	.03540	.63080	.18790	3.33620
.800	17.440	.74860	-.01840	.05040	-.02010	.01110	.01150	.04060	.71070	.23540	3.01860
.800	19.500	.82580	-.01690	.04940	-.02110	.00900	.00790	.04690	.77570	.28320	2.73860
.800	21.500	.87660	-.01650	.04690	-.02060	.00630	.00700	.05320	.81320	.32800	2.47900
.800	11.120	.45920	.00060	.05740	-.02010	.01160	.02000	.03120	.44670	.10820	4.12670
GRADIENT		.04495	-.00313	-.00093	.00049	-.00000	-.00125	-.00037	.04424	.00163	1.00166

RUN NO. 151/ 0    RN/L = 6.21    GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.902	.810	-.10620	.08020	.07330	-.02570	.01210	.04860	.03700	-.10670	.04740	-2.24820
.902	2.710	.00360	.07050	.07120	-.02480	.01190	.04660	.03650	.00140	.04670	.03100
.902	4.940	.12770	.06760	.06720	-.02390	.01170	.04080	.03570	.12370	.05170	2.39370
.902	7.160	.23730	.04100	.06200	-.02330	.01210	.03750	.03620	.25060	.06930	3.61330
.902	9.360	.36860	.03090	.05700	-.02230	.01280	.03830	.03870	.35730	.09780	3.65410
.902	11.560	.48840	.01480	.05090	-.02090	.01400	.03970	.04030	.47050	.13680	3.43730
.902	13.770	.60870	-.00240	.04200	-.01960	.01600	.03930	.04460	.58180	.18310	3.17710
.902	15.940	.71070	-.01240	.03600	-.01840	.01550	.03980	.05010	.67240	.23550	2.87890
.902	18.140	.80530	-.01370	.04050	-.02140	.01190	.03810	.05800	.75340	.28710	2.62380
.902	20.270	.87450	-.00290	.04530	-.02260	.00600	.03850	.06410	.80700	.33910	2.37950
.902	22.320	.91940	.00740	.03790	-.01890	.00850	.04030	.06660	.83510	.38650	2.16070
.902	11.560	.49070	.01400	.05130	-.02110	.01420	.03940	.04030	.47290	.13700	3.44990
GRADIENT		.05404	-.00523	-.00146	.00042	-.00009	-.00181	-.00030	.05323	.00101	1.07190

NS55 (FAS) HAR ATP CRB (BICIDIFINI) (WIEI) (VIKIRI)

(R76332) ( 03 NOV 72 )

REFERENCE DATA

GREF = 7.4190 SQ. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 SREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUOFLR = 40.000  
 ELEVTR = .000 CBOELV = .000  
 TBOELV = .000 AILRON = .000  
 CBOAIL = .000 TBOAIL = .000

RUN NO. 150/ 0 RN/L = 6.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.196	.760	-.02780	.08030	.05970	-.02130	.01180	.08530	.04660	-.02890	.08490	-.34130
1.196	2.930	.10470	.04620	.05510	-.02030	.01220	.08430	.04640	.10020	.08680	1.11650
1.196	5.180	.24210	.01460	.05110	-.01910	.01160	.08330	.04630	.23350	.10490	2.22600
1.196	7.450	.37740	-.01760	.04720	-.01800	.01190	.08350	.04360	.36340	.13180	2.75680
1.196	9.710	.50740	-.04370	.04190	-.01710	.01140	.08240	.04300	.48630	.16680	2.91440
1.196	11.970	.63960	-.06800	.03620	-.01630	.01050	.08350	.04230	.60840	.21430	2.63840
1.196	14.220	.76660	-.08750	.03270	-.01580	.01070	.08320	.04570	.72270	.26900	2.66590
1.196	16.430	.86330	-.09250	.02680	-.01430	.01330	.08290	.04990	.80460	.32380	2.48480
1.196	18.710	.96590	-.09690	.02830	-.01680	.00980	.08390	.05610	.88780	.38950	2.27930
1.196	20.900	1.06800	-.10810	.02720	-.01710	.00980	.08090	.05660	.96880	.45660	2.12150
1.196	23.000	1.13380	-.10400	.02580	-.01550	.01010	.07810	.06000	1.01310	.51500	1.96700
1.196	11.980	.64390	-.06810	.03800	-.01630	.01040	.08300	.04310	.61260	.21480	2.85090
GRADIENT		.06163	-.01493	-.00214	.00047	.00019	-.00037	-.00019	.06005	.00228	-.87805

RUN NO. 149/ 0 RN/L = 6.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
1.956	.750	.00360	.01810	.04470	-.01520	.00830	.08620	.02510	.00250	.08620	.02950
1.956	2.910	.08300	.00430	.04200	-.01430	.00780	.08480	.02600	.08070	.08890	.90840
1.956	5.020	.17040	-.01070	.03860	-.01350	.00750	.08580	.02590	.16220	.10040	1.61520
1.956	7.200	.25080	-.02460	.03510	-.01230	.00730	.08460	.02720	.23800	.11540	2.06210
1.956	9.390	.33290	-.03690	.03230	-.01150	.00730	.08430	.02720	.31470	.13750	2.28630
1.956	11.570	.40940	-.05080	.02910	-.01060	.00730	.08290	.02570	.38450	.16330	2.35330
1.956	13.760	.48990	-.06210	.02670	-.01000	.00750	.08120	.02590	.45660	.19540	2.33570
1.956	15.950	.57240	-.07290	.02430	-.01040	.00790	.07980	.02630	.52840	.23410	2.25710
1.956	18.170	.64610	-.07760	.02020	-.01010	.00840	.07610	.02650	.59010	.27390	2.15450
1.956	20.300	.71900	-.08210	.01600	-.00990	.00870	.07310	.02620	.64890	.31800	2.04020
1.956	22.440	.79630	-.08930	.01120	-.00720	.00990	.06900	.02700	.70960	.36780	1.92920
1.956	11.950	.40440	-.04690	.02930	-.01060	.00690	.08190	.02610	.37980	.16120	2.35510
GRADIENT		.05913	-.00663	-.00130	.00043	-.00024	-.00067	.00043	.03760	.00130	-.42255

N555 (FAS) MAR ATP CRB (BICJDF1M1) (WIE1) (VIKIR1)

(R76332) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 80. IN. YMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUOFLR = 40.000  
 ELEVTR = .000 CBDELV = .000  
 IBDDELV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 132/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.000	.670	-.01590	.00030	.02770	-.00890	.00440	.07860	.01230	-.01690	.07840	-.21560
2.000	2.620	.03460	-.00460	.02660	-.00880	.00450	.07700	.01270	.03100	.07850	.39530
2.000	4.700	.06640	-.00790	.02510	-.00860	.00470	.07560	.01290	.06190	.08260	.99040
2.000	6.780	.14810	-.01260	.02440	-.00830	.00470	.07450	.01310	.13530	.09110	1.48480
2.000	8.850	.20530	-.01930	.02200	-.00790	.00490	.07270	.01320	.19160	.10350	1.85140
2.000	10.920	.26510	-.02580	.01980	-.00800	.00500	.07030	.01330	.24700	.11920	2.07060
2.000	13.020	.32980	-.03300	.01770	-.00730	.00520	.06820	.01320	.30600	.14080	2.17270
2.000	15.060	.39790	-.03980	.01470	-.00650	.00520	.06580	.01320	.36710	.16720	2.19560
2.000	17.210	.46960	-.04620	.01160	-.00520	.00500	.06280	.01320	.43000	.19900	2.16020
2.000	19.260	.54560	-.05760	.00690	-.00360	.00460	.05980	.01340	.49520	.23660	2.09240
2.000	21.270	.61660	-.06870	.00320	-.00280	.00450	.05720	.01380	.55580	.27780	2.00080
GRADIENT		.02588	-.00203	-.00065	.00007	.00007	-.00074	.00015	.02452	.00105	.29911

RUN NO. 131/ 0 RN/L = 4.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	.660	-.03210	-.00960	.01690	-.00510	.00300	.06700	.00310	-.03280	.06660	-.49290
4.959	2.570	.00720	-.01250	.01680	-.00520	.00320	.06440	.00300	.00430	.06470	.06740
4.959	4.600	.04400	-.01480	.01430	-.00470	.00310	.06350	.00320	.03880	.06680	.58050
4.959	6.650	.08510	-.01620	.01280	-.00460	.00280	.06150	.00340	.07740	.07090	1.09050
4.959	8.690	.13320	-.01970	.01040	-.00340	.00330	.05780	.00340	.12290	.07720	1.59140
4.959	10.720	.18100	-.02400	.00660	-.00330	.00330	.05480	.00330	.16760	.08750	1.91420
4.959	12.760	.23500	-.02700	.00800	-.00300	.00340	.05270	.00360	.21750	.10340	2.10290
4.959	14.800	.28930	-.03180	.00510	-.00220	.00350	.05060	.00360	.26670	.12290	2.17040
4.959	16.910	.35280	-.03850	.00230	-.00100	.00300	.04890	.00370	.32330	.14940	2.16280
4.959	18.910	.41500	-.04470	-.00050	-.00010	.00300	.04720	.00380	.37730	.17930	2.10420
4.959	20.860	.47930	-.05490	-.00500	.00050	.00280	.04630	.00380	.43130	.21400	2.01530
GRADIENT		.01930	-.00127	-.00061	.00010	.00002	-.00086	.00003	.01816	.00006	.27223



M555 (FA3) NAR ATP ORB (B1C1D1F1M1) (W1E1) (V1K1R1)

(R76333) ( 03 NOV 72 )

REFERENCE DATA

BREF = 7.4190 SQ. IN. XDRP = 3.4530 IN.  
 LREF = 2.1020 IN. YDRP = .0000 IN.  
 BREF = 4.0300 IN. ZDRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONFIG = 3.000  
 RUDDER = 19.000 RUOFLR = 40.000  
 ELEVTR = .000 CDELV = .000  
 IBDELV = .000 AILRON = .000  
 CDDAIL = .000 IBDAIL = .000

RUN NO. 153/ 0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.599	22.030	.87450	-.00780	.03110	-.01570	.00640	.00670	.05450	.80810	.33430	2.41720
.599	23.960	.89060	-.00100	.02330	-.01340	.00850	.00690	.05740	.81100	.36810	2.20330
.599	26.020	.93740	-.00030	.03380	-.01300	.00710	.00760	.05900	.83900	.41820	2.00610
.599	28.070	.98390	-.00310	.05440	-.01570	-.00260	.00600	.06340	.86530	.46840	1.84730
.599	30.120	1.03880	-.01910	.04370	-.00760	-.00440	.00150	.06800	.91500	.53270	1.71750
.599	32.200	1.12240	-.02600	.03330	-.00330	-.00230	-.00110	.06950	.95030	.59730	1.59100
.599	34.280	1.18950	-.02630	.02400	-.00420	.00350	-.00530	.07250	.98590	.66550	1.48130
.599	36.350	1.26500	-.02780	.01730	-.00420	.00600	-.01260	.07560	1.02620	.73960	1.38740
.599	38.450	1.34180	-.03390	.01290	-.00440	.00370	-.02300	.07680	1.06510	.81630	1.30470
.599	40.510	1.41030	-.03810	.01290	-.00320	.00130	-.03360	.07910	1.09400	.89060	1.22830
.599	42.510	1.46700	-.04430	.01180	-.00210	-.00030	-.04100	.07880	1.10910	.96100	1.15410
.599	52.220	1.12230	-.02470	.03360	-.00240	-.00230	-.00210	.06980	.95060	.59670	1.59300
	GRADIENT	.03068	-.00216	-.00131	.00074	-.00021	-.00237	.00128	.01637	.03131	-.03941

RUN NO. 154/ 0 RN/L = 6.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.900	22.840	.92020	.01370	.03100	-.01630	.00820	.03980	.06530	.83250	.39390	2.11310
.900	24.850	.98460	.01150	.02640	-.01460	.01030	.03680	.06800	.87790	.44740	1.98220
.900	27.000	1.06350	.00210	.02420	-.01230	.00980	.03340	.07000	.93240	.51260	1.81890
.900	29.180	1.15870	-.00980	.00950	-.00920	.01330	.03280	.07000	.99580	.59370	1.67680
.900	31.320	1.23390	-.00860	-.00920	-.00600	.02010	.03050	.06850	1.03810	.66760	1.55490
.900	33.470	1.31630	-.01090	-.01390	-.00530	.02180	.02300	.07120	1.08530	.74520	1.45640
.900	35.590	1.39250	-.01710	-.00130	-.00800	.01460	.01010	.07430	1.12640	.81880	1.37560
.900	37.720	1.46390	-.02070	.01040	-.00910	.00420	-.00480	.07540	1.16080	.89180	1.30160
.900	39.880	1.53470	-.02730	.01190	-.00460	-.00120	-.01520	.07560	1.18740	.97240	1.22110
.900	42.020	1.60350	-.02980	.00500	-.00180	-.00070	-.01940	.07380	1.20410	1.05900	1.13700
.900	44.000	1.64820	-.02670	-.00480	.00000	.00010	-.02880	.07350	1.20410	1.12290	1.07230
.900	53.460	1.31420	-.01030	-.01340	-.00500	.02140	.02390	.07000	1.08310	.74460	1.45440
	GRADIENT	.03536	-.00207	-.00125	.00066	-.00060	-.00345	.00042	.01855	.03505	-.04790

NS58 (FAS) NAR ATP ORB (BIC1DIFINI) (WIE1) (V1K1R1)

(R78333) ( 03 NOV 72 )

REFERENCE DATA

PARAMETRIC DATA

WREP = 7.4190 SQ. IN. WMRP = 3.4930 IN.  
 LREP = 2.1020 IN. YMRP = .0000 IN.  
 BREP = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

BETA = .000 CONFIG = 3.000  
 RUDDER = 15.000 RUDFLR = 40.000  
 ELEVTR = .000 CBDELV = .000  
 IBOELV = .000 AILRON = .000  
 CBOAIL = .000 IBOAIL = .000

RUN NO. 133/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
2.990	21.810	.81400	-.06710	.00430	-.00220	.00450	.05550	.01390	.54940	.27970	1.96370
2.990	23.800	.85730	-.07690	.00190	-.00130	.00430	.05330	.01410	.60730	.32630	1.86160
2.990	25.890	.78880	-.08630	-.00370	-.00010	.00390	.05120	.01430	.66920	.38190	1.75210
2.990	28.020	.85280	-.09760	-.00640	.00070	.00380	.04980	.01440	.72940	.44460	1.64040
2.990	30.100	.93710	-.10590	-.00760	.00050	.00440	.04880	.01430	.78620	.51220	1.53470
2.990	32.200	1.02390	-.11630	-.00800	-.00120	.00610	.04790	.01420	.84070	.58620	1.43400
2.990	34.340	1.11740	-.12580	-.00920	-.00210	.00720	.04630	.01430	.89640	.66870	1.34050
2.990	36.430	1.20840	-.13860	-.01420	-.00040	.00720	.04410	.01440	.94600	.75320	1.25600
2.990	38.560	1.30180	-.15020	-.02210	.00260	.00590	.04180	.01430	.99150	.84460	1.17390
2.990	40.660	1.38920	-.16080	-.02820	.00390	.00500	.04030	.01420	1.02740	.93600	1.09750
2.990	42.660	1.46970	-.16880	-.03190	.00430	.00450	.03940	.01400	1.05390	1.02500	1.02810
GRADIENT		.04149	-.00490	-.00182	.00025	.00008	-.00075	.00000	.02475	.03608	-.04519

RUN NO. 134/ 0 RN/L = 4.84 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
4.959	21.400	.49510	-.05030	-.00400	.00040	.00320	.04760	.00320	.44360	.22510	1.97070
4.959	23.350	.56200	-.05850	-.00750	.00060	.00310	.04670	.00340	.49740	.26370	1.87190
4.959	25.410	.63890	-.06470	-.00780	.00100	.00330	.04720	.00360	.55680	.31690	1.75710
4.959	27.480	.71840	-.07480	-.01170	.00100	.00370	.04740	.00370	.61540	.37370	1.64660
4.959	29.540	.79820	-.08270	-.01290	.00120	.00420	.04740	.00360	.67100	.43490	1.54260
4.959	31.600	.88350	-.09510	-.01630	.00220	.00410	.04750	.00350	.72750	.50350	1.44480
4.959	33.680	.97170	-.10560	-.01870	.00270	.00400	.04770	.00350	.78200	.57870	1.35140
4.959	35.720	1.05740	-.11720	-.02210	.00320	.00400	.04820	.00350	.83020	.65660	1.26430
4.959	37.820	1.14340	-.13080	-.02620	.00350	.00410	.04760	.00350	.87390	.73890	1.18270
4.959	39.860	1.22920	-.14550	-.02910	.00380	.00410	.04690	.00340	.91330	.82390	1.10840
4.959	41.840	1.31190	-.15420	-.03140	.00410	.00440	.04600	.00350	.94660	.90950	1.04080
GRADIENT		.04033	-.00516	-.00135	.00019	.00006	-.00002	.00000	.02508	.03375	-.04592

N555 (PAS) WAR ATP CRB (BIC1DIF1M1) (W1E1) (V1K1R1)

(R76334) (03 NOV 72)

REFERENCE DATA

BREF = 7.4190 SQ. IN. XMRP = 3.4530 IN.  
 LREF = 2.1020 IN. YMRP = .0000 IN.  
 BREF = 4.0300 IN. ZMRP = .0000 IN.  
 SCALE = .0040

PARAMETRIC DATA

BETA = .000 CONF16 = 3.000  
 RUDDER = .000 RUOFLR = 10.000  
 ELEVTR = .000 CBDELV = .000  
 IBDLV = .000 AILRON = .000  
 CBDAIL = .000 IBDAIL = .000

RUN NO. 87/0 RN/L = 4.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.897	11.410	.81240	-.01930	-.00510	-.00050	.00390	.00330	.02610	.50160	.10460	4.79160
.897	13.410	.80940	-.02920	-.00600	-.00030	.00340	.00070	.02770	.59260	.14210	4.16970
.897	15.530	.69930	-.03270	-.00740	.00000	.00430	-.00140	.03100	.67420	.18590	3.62370
.897	17.610	.77910	-.03610	-.00760	.00000	.00450	-.00310	.03550	.74350	.23280	3.19380
.897	19.690	.85190	-.03380	-.00370	-.00010	.00290	-.00490	.04330	.80370	.28250	2.84510
.897	21.740	.88310	-.02730	-.00550	.00180	-.00050	-.00410	.04780	.82180	.32330	2.54210
.897	23.790	.90550	-.01930	-.00880	.00380	.00070	-.00760	.05470	.83160	.35830	2.32100
.897	25.810	.95130	-.02100	-.00500	.00230	.00080	-.00880	.05760	.86020	.40630	2.11690
.897	27.910	1.00360	-.02680	.01000	-.00030	-.00450	-.01010	.06190	.89160	.46080	1.93460
.897	29.930	1.06590	-.03580	.01410	.00570	-.00970	-.01400	.06900	.93060	.51980	1.79030
.897	31.910	1.14910	-.04560	-.00440	.01070	-.00570	-.01720	.07160	.98450	.59290	1.66040
.897	31.750	.86370	-.02620	-.00230	.00120	-.00010	-.00420	.04820	.82230	.32360	2.54110
GRADIENT		.02795	-.00042	.00060	.00039	-.00060	-.00089	.00239	.02071	.02298	-.14572

RUN NO. 86/0 RN/L = 6.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CY	CYN	CBL	CAF	CAB	CL	CD	L/D
.901	11.840	.51900	-.00980	-.00360	.00010	.00440	.02330	.03280	.50320	.12930	3.89100
.901	13.940	.62730	-.02550	-.00840	.00120	.00560	.02420	.03530	.60300	.17460	3.45260
.901	16.120	.73150	-.03360	-.01420	.00270	.00650	.02490	.04050	.69580	.22710	3.06350
.901	18.290	.83140	-.03370	-.00830	.00130	.00340	.02570	.04770	.78130	.28550	2.73630
.901	20.440	.87900	-.02120	.00010	.00080	-.00520	.02610	.05650	.81450	.33140	2.45730
.901	22.540	.92540	-.01030	-.00230	.00180	-.00090	.02280	.06280	.84600	.37580	2.25070
.901	24.670	.99350	-.01280	-.00560	.00310	.00100	.01880	.06710	.89490	.43200	2.07160
.901	26.820	1.08850	-.02950	-.00700	.00490	.00140	.01710	.07060	.96360	.50650	1.90230
.901	28.990	1.17630	-.04070	-.01420	.00770	.00260	.01350	.07150	1.02230	.58200	1.75640
.901	31.170	1.27190	-.04660	-.03080	.01080	.00870	.01130	.07320	1.08230	.66820	1.61970
.901	33.200	1.34640	-.04590	-.03850	.01270	.01190	.00590	.07460	1.12320	.74230	1.51300
.901	22.530	.92690	-.01090	-.00260	.00210	-.00060	.02070	.06410	.84820	.37430	2.26610
GRADIENT		.03684	-.00115	-.00113	.00053	.00017	-.00084	.00216	.02735	.02821	-.10696