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Houston, Texas 77058

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

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RANSONIC PROPULSION WIND TUNNEL
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VOLUME 2 of 2

RESULTS OF TESTS USING A 0.02-SCALE MODEL (89-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE AEDC 16-FOOT TRANSONIC PROPULSION WIND TUNNEL (IA183)

by

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Prepared under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	AEDC PWT16TF519
NASA Series Number:	IA183
Model Number:	89-OTS
Test Date:	November 14, 1978 through November 16, 1978
Test Hours:	9.1

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RESULTS OF TESTS USING A 0.02-SCALE MODEL (89-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE AEDC 16-FOOT TRANSONIC PROPULSION WIND TUNNEL (IA183)

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ABSTRACT

An experimental investigation (Test IA183) was conducted in the Arnold Engineering Development Center 16-Foot Transonic Propulsion Wind Tunnel from November 14, 1978 through November 16, 1978.

The objective of the test was to obtain force and moment data on all vehicle elements (orbiter, external tank, and each solid rocket booster), wing and vertical tail load indicators, elevon hinge moments, and base and body flap pressure data for verification of test IA156A data.

Data were obtained in the Mach number range from 0.6 to 1.55 at a Reynolds number per foot of 3.0×10^6 within a matrix of angle-of-attack/angle-of-sideslip conditions. The angle-of-attack limits were ±8 degrees, and the angle-of-sideslip limits were ±6 degrees.

The model configuration was not changed during the test. Elevons were set at +10 degrees inboard and +5 degrees outboard. All other control surfaces remained at zero.

Documentation for test IA183 consists of two Volumes:

Volume 1 - Force Data plots
Volume 2 - Force Data Plots and Tabulations

The data plotted in this document were recomputed per Reference 5 by AEDC and released to DMS on dates shown:

TEST	SPECIAL REQUEST DOCUMENTATION	CORRECTED DATA RECEIVED BY DMS	DATASET TWO CHARACTER CODE
IA105A2E	SPRT8M	April 17, 1980	"8M"
IA156A	SPRT8N	April 17, 1980	"8N"
IA182	SPRT8Ø	April 17, 1980	"8Ø"
IA183	SPRT8P	April 17, 1980	"8P"

The data for IA105A2E and IA156A have a revised flow angularity correction. The data for IA182 and IA183 are the same as the data received from AEDC on November 28, 1978 and January 23, 1979, respectively.

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B) C_{N_W}, C_{T_W}, C_{B_W}, $C_{h_{e_I}}$, $C_{h_{e_\emptyset}}$ vs $\alpha_{CORRECTED}$

C) C_{S_V}, C_{B_V}, C_{T_V} vs $\alpha_{CORRECTED}$

D) C_{N_f}, C_{A_f}, C_{M_f}, C_{N_b}, C_{A_b}, C_{M_b} vs $\alpha_{UNCORRECTED}$

E) C_{NW}, C_{TW}, C_{BW}, C_{he_I}, $C_{he_\emptyset}$ vs $\alpha_{UNCORRECTED}$

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NOTE:

$\alpha_{CORRECTED}$ - ALPHA CORRECTED FOR FLOW ANGULARITY

$\alpha_{UNCORRECTED}$ - ALPHA UNCORRECTED FOR FLOW ANGULARITY

INTRODUCTION

The 0.02-scale model (Model 89-OTS) of the space shuttle integrated vehicle was tested in the Arnold Engineering Development Center 16-Foot Transonic Wind Tunnel between November 14, 1978, and November 16, 1978. This test, designated IA183, used a total of 9.1 test hours in the facility.

The objective of the test was to obtain force and moment data on all vehicle elements (orbiter, external tank, and each solid rocket booster), wing and vertical tail load indicators, elevon hinge moments, and base and body flap pressure data for verification of Test IA156A data (See Reference 1).

Data were obtained at angles-of-attack from -8 to +8 degrees and angles-of-sideslip from -6 to +6 degrees over a Mach number range of 0.6 to 1.55 at a Reynolds number per foot of 3.0×10^6. Four six-component balances were used to obtain vehicle element forces and moments. Two single-component balances were used to measure elevon (right wing only) hinge moments. Two three-component balances were used to measure wing (left side) and vertical tail normal force, bending moment, and torsion.

The model configuration was not changed during the test. Elevons were set at +10 degrees inboard and +5 degrees outboard, with all other control surfaces at zero. The orbiter was instrumented with 9 base pressure taps and 9 body flap taps. The external tank had 45 base pressure taps, and each SRB was instrumented with five base pressure taps.

INTRODUCTION (Concluded)

This report provides a description of the test consisting of remarks on the conduct of the test, descriptions of the model and the test facility, details on test procedure, information on data reduction, and both plotted and tabulated test results.

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
	Tunnel Parameters	
Part, Point		run identification
Project, Test		ARO, Inc. test identification
M	MACH	freestream Mach number
PT	PT	freestream total pressure, psfa
P	P	freestream static pressure, psfa
Q	Q	freestream dynamic pressure, psf
$Rex10^{-6}$	RN/L	Reynolds number per foot
TT		freestream total temperature, ^{o}F
TTR		freestream total temperature, ^{o}R
	Test Parameters	
ALFAL		launch vehicle angle-of-attack, degrees
ALFALS	ALFALS	left hand side solid rocket booster angle-of-attack, degrees
ALFARS	ALFARS	right hand side solid rocket booster angle-of-attack, degrees
ALPHAT	ALPHAT	external tank angle-of-attack, degrees
BETAL		launch vehicle sideslip angle, degrees
BETALS	BETALS	left hand side solid rocket booster sideslip angle, degrees
BETARS	BETARS	right hand side solid rocket booster sideslip angle, degrees
BETAT	BETAT	external tank sideslip angle, degrees

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
	Left Hand Side SRB Coefficients (Left Side SRB Balance)	
CABLS	CABLS	base axial-force coefficient
CAFLS	CAFLS	forebody axial-force coefficient, CALS-CABLS
CALS	CALS	total axial-force coefficient
CBLLS	CBLFLS	rolling moment coefficient
CIMFLS	CIMFLS	pitching moment coefficient
CNFLS	CNFLS	normal force coefficient
CYFLS	CYFLS	side force coefficient
CYNBLS	CYNBLS	base yawing moment coefficient
CYNFLS	CYNFLS	forebody yawing moment coefficient, CYNLS-CYNBLS
CYNLS	CYNLS	total yawing moment coefficient
	Right Hand SRB Coefficients (Right Side SRB Balance)	
CABRS	CABRS	base axial force coefficient
CAFRS	CAFRS	forebody axial force coefficient, CARS-CABRS
CARS	CARS	total axial force coefficient
CBLRS	CBLFRS	rolling moment coefficient
CIMFRS	CIMFRS	pitching moment coefficient
CNFRS	CNFRS	normal force coefficient
CYFRS	CYFRS	side force coefficient
CYNBRS	CYNBRS	base yawing moment coefficient

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
	Right Hand SRB Coefficients (Right Side SRB Balance) (Continued)	
CYNFRS	CYNFRS	forebody yawing moment coefficient, CYNRS-CYNBRS
CYNRS	CYNRS	total yawing moment coefficient
	External Tank + (SRB Right + SRB Left) Coefficients, (External Tank Balance)	
CABT	CABT	external tank base axial force coefficient
CAFTS	CAFTS	forebody axial force coefficient, CATS - (CABT + CABLS + CABRS)
CATS	CATS	total axial force coefficient
CBLFTS	CBLFTS	rolling moment coefficient
CLMTS	CLMFTS	pitching moment coefficient
CNFTS	CNFTS	normal force coefficient
CYFTS	CYFTS	side force coefficient
CYNFTS	CYNFTS	forebody yawing moment coefficient, CYNTS - (CYNBLS + CYNBRS)
CYNTS	CYNTS	total yawing moment coefficient
	External Tank Forebody Coefficients	
CAFT	CAFT	forebody axial force coefficient, CAFTS - (CAFLS + CAFRS)
CBLFT	CBLFT	forebody rolling moment coefficient, CBLFTS - (CBLLS + CBLRS)
CLMFT	CLMFT	forebody pitching moment coefficient, CLMFTS - (CLMFLS + CLMFRS)
CNFT	CNFT	forebody normal force coefficient, CNFTS - (CNFLS + CNFRS)

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
	External Tank Forebody Coefficients (Continued)	
CYFT	CYFT	forebody side force coefficient, CYFTS - (CYFLS + CYFRS)
CYNFT	CYNFT	forebody yawing moment coefficient, CYNFTS - (CYNFLS + CYNFRS)
	Launch Vehicle Coefficients (Orbiter Balance)	
CABO	CABO	orbiter base axial force coefficient
CAFL	CAFL	forebody axial force coefficient, CAL - (CABO + CABT + CABLS + CABRS)
CAL	CAL	total axial force coefficient
CBLFL	CBLFL	rolling moment coefficient
CIMBO	CIMBO	orbiter base pitching moment coefficient
CIMFL	CIMFL	forebody pitching moment coefficient, CIML - CIMBO
CIML	CIML	total pitching moment coefficient
CNBO	CNBO	orbiter base normal force coefficient
CNFL	CNFL	forebody normal force coefficient, CNL - CNBO
CNL	CNL	total normal force coefficient
CYFL	CYFL	forebody side force coefficient
CYNFL	CYNFL	forebody yawing moment coefficient, CYNL - (CYNBLS + CYNBRS)
CYNL	CYNL	total yawing moment coefficient

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
	Orbiter Forebody Coefficients	
CAFO	CAFO	axial force coefficient, CAFL - CAFTS
CBLFO	CBLFO	rolling moment coefficient, CBLFL - CBLFTS
CLMFO	CLMFO	pitching moment coefficient, CLMFL - CLMFTS
CNFO	CNFO	normal force coefficient, CNFL - CNFTS
CYFO	CYFO	side force coefficient, CYFL - CYFTS
CYNFO	CYNFO	yawing moment coefficient, CYNFL - CYNFTS
	Vertical Tail Coefficients (See Figure 1e)	
CBVT	CBVT	bending moment coefficient
CSVT	CNVT	side force coefficient
CTVT	CTVT	torsional moment coefficient
	Wing Coefficients (See Figure 1b)	
CBW	CBW	bending moment coefficient
CNW	CNW	normal force coefficient
CTW	CTW	torsional moment coefficient
	Elevon Coefficients (See Figure 1f)	
CHEI	CHEI	inboard elevon hinge moment coefficient
CHEO	CHEO	outboard elevon hinge moment coefficient
	Model Geometric Nomenclature	
CL		centerline
ET		external tank
HL		hinge line

SYMBOL	MNEMONIC	DEFINITION
	Model Geometric Nomenclature (Continued)	
MRC		moment reference center
SRB		solid rocket booster
X/C_{BF}		ratio of a station on the body flap to the body flap chord (See Figure 2c)
X_B		SRB station
X_o/L_o		ratio of a station on the orbiter to the orbiter length
X_T		body station on the external tank
Y_o		lateral station on the orbiter, positive to the right of the plane of symmetry (See Figure 2b)
Z_o		orbiter water line (Figures 2a and 2b)
α	ALPHAO	orbiter angle-of-attack, degrees
β	BETAO	orbiter sideslip angle, degrees
δ_{eI}	IB-ELV	inboard elevon deflection angle, degrees (See Figure 1b)
δ_{e_o}	OB-ELV	outboard elevon deflection angle, degrees (See Figure 1b)
ϕ	PHIO	rotational angle on model component surface (See Figure 2d), degrees
η		ratio of spanwise station on orbiter body flap to total span of body flap, positive from left to right (See Figure 2b)
	Terms Used in Data Reduction	
BW		wing bending moment about Y_o105, in-lbs.

SYMBOL	MNEMONIC	DEFINITION
	Terms Used in Data Reduction (Continued)	
NW		wing normal force, lbs.
TW		wing torsion moment about X_o1307, in-lbs.
BVT		vertical tail bending moment about Z_o503, in-lbs.
NVT		vertical tail normal force, lbs.
TVT		vertical tail torsion moment about X_o1414.3, in-lbs.
HEI		inboard elevon hinge moment, in-lbs.
HEO		outboard elevon hinge moment, in-lbs.
	Parameters and Dependent Variables	
ALFLSU	ALFLSU	left hand side solid rocket booster angle-of-attack uncorrected for flow angularity, degrees
ALFRSU	ALFRSU	right hand side solid rocket booster angle-of-attack uncorrected for flow angularity, degrees
ALFAOU	ALFAOU	orbiter angle-of-attack uncorrected for flow angularity, degrees
ALFATC	ALFATC	external tank angle-of-attack, degrees
BETLSU	BETLSU	left hand side solid rocket booster sideslip angle uncorrected for flow angularity, degrees
BETRSU	BETRSU	right hand side solid rocket booster sideslip angle uncorrected for flow angularity, degrees
BETAØU	BETAØU	orbiter sideslip angle uncorrected for flow angularity, degrees

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
	Parameters and Dependent Variables (Continued)	
BETATU	BETATU	external tank sideslip angle uncorrected for flow angularity, degrees
IR-ELV	IR-ELV	right inboard elevon deflection, degrees
ØR-ELV	ØR-ELV	right outboard elevon deflection, degrees
IL-ELV	IL-ELV	left inboard elevon deflection, degrees
ØL-ELV	ØL-ELV	left outboard elevon deflection, degrees
PHI	PHI	roll attitude of model in tunnel, degrees
DIRECT	DIRECT	(1) alpha increasing; (-1) alpha decreasing
DEIR	DEIR	right inboard elevon deflection, degrees
DEØR	DEØR	right outboard elevon deflection, degrees
AFA	AFA	flow angularity in the tunnel pitch plane, positive up, degrees
BFA	BFA	flow angularity in the tunnel cross flow plane, positive from right to left looking upstream, degrees
	Pressure Data	
CP1	CP1	See Data Reduction Section
CP2	CP2	
CP3	CP3	
CP4	CP4	
CP5	CP5	
CP6	CP6	

NOMENCLATURE (Concluded)

SYMBOL	MNEMONIC	DEFINITION
	Pressure Data (Continued)	
CP7	CP7	See Data Reduction Section
CP8	CP8	
CP9	CP9	
CP10	CP10	See Data Reduction Section
CPT302	CP302	See Table III
CPT319	CP319	
CPT325	CP325	
CPT405	CP405	
CPT413	CP413	
CPT1501	CP1501	
CPT1516	CP1516	
CPT1530	CP1530	
CPT1546	CP1546	
CPT1574	CP1574	
CPT2202	CP2202	
CPT2218	CP2218	See Table III
P302	P302	Pressure for tap i (P_i), psi
P319	P319	
P325	P325	
P405	P405	
P413	P413	Pressure for tap i (P_i), psi

REMARKS

The 0.02-scale Model 89-OTS was reassembled to the same configuration used for Test IA156A. Subsequent to Tests IA156A and IA156B the Model 89-0 orbiter body was used with a new wing to make up Model 105-0, and the Model 89-0 wing was used with a new body to make up Model 104-0. The base pressure taps on the orbiter and the pressure taps on the body flap were removed for Model 105-0 tests and only those specified in Figures 2b and 2c were reinstalled for Test IA183. Pressures were manifolded according to Table III and were read out on individual transducers. For IA156A, Scanivalves were used and each pressure tap was read separately on a Scanivalve port. These differences between IA183 and IA156A are reflected in the calculation of the base pressure correction terms in the Data Reduction section of this report.

The first part of the test consisted of an α/β matrix which, when corrected for flow angularities determined in the second part of the test, will provide the basis for correction (if required) of the Hi-Pitch supported model data acquired on Test IA156A. The second part of the test was directed towards an accurate determination of flow angularity for this model and support system combination.

All balances were calibrated in the AEDC PWT Instrument Lab and were check loaded in the tunnel prior to the test. The check loads on the wing balance did not give satisfactory results, so this balance was recalibrated in the tunnel prior to the start of the test.

Deflection calibrations of all model elements and components were

obtained in the AEDC PWT Instrument Lab. During these calibrations it was determined that the foam used around the support struts between the orbiter/external tank and the ET/SRB's was causing some "soft fouling". The foam was removed and was not installed for the test.

Prior to the test the position of the SRB's relative to the ET and the position of the ET relative to the orbiter were measured and were found to be within 0.010-inches of the values which were measured prior to Test IA156A.

During the test high dynamic loads in the yaw plane were encountered at $M_\infty = 1.55$. Therefore, data at this Mach number are limited to two abbreviated angle-of-attack sweeps, one with the model upright and one with the model inverted.

References 1 and 2 provide information on Test IA156A.

CONFIGURATIONS INVESTIGATED

The model for the AEDC-PWT test period was an 0.02-scale replica of the Rockwell International first stage space shuttle vehicle consisting of orbiter, external oxygen/hydrogen tank (ET) and two solid boosters (SRB's). The vehicle is described by the VC70-000002 configuration control drawing. The integrated vehicle geometry is shown in Figure 2a. The model was mounted upright in the tunnel through the base of the orbiter using the AEDC 2.5-inch Task MK XXXI balance (AEDC 6-2.5-2.5-1.85-M-C balance). Photographs of the model in the tunnel and of model details are given in Figure 3.

The external tank and boosters were supported from the orbiter/ET attach structure using the AEDC-PWT-6-1.50-1.80-1.12 M balance. Each SRB was supported from the ET/SRB attach structure using the AEDC-PWT-6-1.50-0.50-1.12 M-a and -b (one in each SRB) balances. The orbiter balance measured total vehicle loads; the external tank balance measured ET/SRB loads, exclusive of the attach structure between orbiter and external tank; each SRB balance measured only the forces and moments on the element in which it was mounted, exclusive of attach hardware.

The orbiter was fabricated to the OV102 Configuration Outer Mold Line Definition (March 15, 1976 OML configuration). Lines were derived from the design entry trajectory 14414.1, Revision C/C. The Thermal Protection System (TPS) for these lines is based on the useage of Silicon Reuseable Surface Insulation (SRSI). The orbiter model is of a blended wing/body design with a double delta planform (81°/45° leading

edge) wing of 12 percent thickness and full span elevons with gaps between the outboard and inboard panels and between the inboard panel and the fuselage. A single centerline vertical tail with rudder/speed brake capability is mounted between the Orbital Maneuvering System (OMS) pods on the aft fuselage, and a body flap is fitted to the lower trailing edge of the fuselage. The Main Propulsion System (MPS) nozzles were simulated, but were trimmed to clear the sting support through the base. The OMS nozzles and all Reaction Control System (RCS) thruster ports in the forward fuselage and OMS pods were simulated.

Fuselage Outer Mold Line (OML) penetrations and protuberances which are simulated include:

- Recessed windshields, hatch, and observation windows
- Simulated forward and aft RCS nozzles
- Cargo bay door hinges
- T-zero umbilical panels
- Vents: cargo bay, forward RCS, flipper door, wing, OMS RCS, and aft fuselage
- Spanwise steps: vertical tail/rudder and body flap

The upper surface flipper door panels which blend the wing to the elevon at all deflections were not simulated. A smooth fairing between wing and elevon upper surfaces simulated the flipper door panel. The orbiter model was constructed primarily of Armco 17-4 stainless steel, with 7076-T6 aluminum used in some non-load carrying components. The mid/aft upper fuselage is fabricated from a single block with a

longitudinal bore into which balance adapters can be inserted. The OMS pods are an integral part of this block. The nose/forward fuselage was fabricated as a hollow shell and serves as a cover plate for model-mounted instrumentation.

The vertical tail was supported on the upper aft fuselage by means of a strain gauged beam (three-component balance). The rudder/speed brake, fixed at zero degrees deflection was mounted on a gauged beam to allow for measurement of hinge moments (rudder hinge moments were not measured during this test). A separate base plate/lower aft fuselage block incorporated the aft OMS/RCS pods, the simulated MPS and OMS nozzles, and the body flap bracket recesses. The base plate and MPS nozzles were cut out for sting clearance. The body flap was mounted at zero degrees deflection.

The right wing, right wing glove, and lower fuselage aft of station 520 was fabricated as a single piece. The left wing/wing-glove was cut off at butt plane 105 and was attached to the lower fuselage by a strain gauged beam (three-component balance). A labyrinth seal was used along the gap between the two parts to minimize leakage between upper and lower surfaces.

The elevons on both wings were mounted on individual beams to allow for measurement of hinge moments. Although the beams on the right and left wings were dimensionally similar, only those on the right wing were gauged. The elevon deflection angles were set by the brackets to which

the beams are attached. Measured deflection angles for the elevons used in this test are: left outboard, +5.00 degrees; left inboard, +9.90 degrees; right inboard, +10.02 degrees, and right outboard, +5.00 degrees. Elevon deflection angles were not changed during the test. Upper surface seal doors (flipper doors) were not simulated but a fairing was used between the wing and the elevon. A gap of from 0.005 to 0.020-inches was maintained between the fairing and the elevon.

The external tank was built in accordance with Rockwell International Interface Control Drawing ICD2-00001, Rev. C, plus Interface Revision Notices B and C. The external tank is of cylindrical cross-section with a nominal diameter of 333-inches and a maximum diameter of 336.2-inches. The forward portion of the external tank has a tangent ogive nose which terminates in a biconic nose cap over the LOX vent valve. The forward one-third of the external tank is filled with LOX, and the aft two-thirds with liquid hydrogen. Structural stiffeners between the two vessels result in an area with a slightly larger than nominal diameter. The aft end of the tank is basically an ellipsoid of revolution.

The entire external tank is covered with a spray-on foam insulation of varying thickness. Approximate thicknesses are 2.5-inches on the tangent ogive, 1.0-inch on the cylindrical sections, and 2.0-inches on the rear ellipsoid. Model dimensions included this insulation.

The external tank configuration included a number of protuberances consisting of electrical trays, fluid lines, and attach hardware.

Electrical trays which run parallel to the external tank centerline were simulated; those which run up next to the aft orbiter/external tank attach hardware were not. The LOX and LH_2 feed lines were simulated. The attach hardware that is considered as part of the external tank is the front and rear orbiter/external tank attach structure which remains with the external tank after separation.

The external tank model was constructed primarily of 6061-T651 aluminum alloy with the load carrying components made of Armco 17-4 stainless steel. The model was formed by three major pieces to which the external protuberances were mounted. The three major pieces consisted of the forward biconic nose, the central cylindrical shell and the aft closure. The external tank protuberances and simulated aft attach structures were fabricated from Armco 17-4 stainless steel and were secured to the tank by mounting buttons and silver solder.

The external tank was attached to the orbiter by the "wishbone" attach bracket on the forward end and the simulated LOX and LH_2 vertical feed lines on the aft end. These components were scaled to as great a degree as possible, but were sized for the anticipated loads. The orbiter/external tank attach structure was connected directly to the balance bridge inside the external tank. Instrumentation leads from the external tank to the orbiter were attached to the back of each feed line and were covered with a fairing. The external tank wall in the vicinity of the attach structure was cut away for clearance between the tank, and

the structure and fairing.

The Solid Rocket Boosters (SRB's) were built to the same Interface Control Drawing (ICD2-00001, Rev. C) and Interface Revision Notices (B and C) as the external tank. The two SRB's are 146-inch diameter cylinders, each with an 18 degree semi-angle nose terminated by a 13.27-inch diameter sphere. An 18 degree flared skirt, 208.20-inches in diameter, protects the rocket nozzle. A flexible donut-shaped seal and thermal shield is provided between the skirt and the nozzle. SRB protuberances consist of a forward attach lug, front and rear separation motors, an aft attach ring, various stiffeners, and a full-length electrical systems tunnel.

The Solid Rocket Boosters were made of Armco 17-4 PH stainless steel, except for the forward cylindrical shells which were made of 6061-T651 aluminum alloy. Each SRB was formed by five major pieces to which the external protuberances were mounted. The five major pieces were the nose, the forward and the center cylindrical shells, the aft cylindrical shell/skirt assembly and the nozzle. The center cylindrical shells were fabricated with a vertical split to facilitate assembly and disassembly of the SRB. The SRB protuberances were fabricated from aluminum alloy and stainless steel, and were secured to the SRB with screws or silver solder. Each SRB is attached to the ET at the full-scale attach points. Attach structure components were scaled to as great a degree as possible, but were sized for the anticipated loads. The SRB/ET attach

structure was connected directly to the balance bridge inside the SRB. The SRB was supported on the balance mounted on this balance bridge. Instrumentation leads from the SRB to the external tank were routed through a slot aft of the forward SRB/ET attach post. A fairing between the SRB and the ET protected the leads from the air flow. The SRB wall in the vicinity of the SRB/ET attach structure was relieved for clearance between the SRB, and the attach structure and fairing.

The following nomenclature, illustrated in Figures 2g through 2j, was used to designate model components:

Symbol	Description
B_{75}	OV102 fuselage including T-zero umbilical panels and crew hatch
C_{16}	Canopy including recessed windshields and observation windows
E_{64}	Elevons, including elevon/elevon and elevon/fuselage gaps
F_{16}	Body flap
FD3	Flipper doors
FR_{22}	Fairings for the forward cargo bay door hinges, 6 per side
HG_1	Cargo bay door hinges, 13 per side
M_{52}	OMS pods
N_{108}	Forward RCS thruster nozzle ports
N_{109}	Main propulsion system nozzles (inner surfaces cut away for sting clearance)
N_{110}	OMS nozzles
N_{111}	Aft RCS thruster nozzles and ports

CONFIGURATIONS INVESTIGATED (Concluded)

Symbol	Description
R_{20}	Rudder, split into left and right speed brake panels
U_1	Umbilical doors
V_{27}	Vertical tail
VT_{10}	Cargo bay vents, 4 per side
VT_{11}	Wing/landing gear bay vents, 1 per side
VT_{12}	Cabin vents, 1 per side
VT_{13}	Forward RCS vents, 1 per side
VT_{14}	Aft fuselage vents, 1 per side
VT_{15}	OMS RCS vents, 1 per side
VT_{16}	Flipper door vents
VT_{17}	Miscellaneous vents, ports and penetrations
W_{131}	OV102 wing
T_{39}	External tank, including all protuberances (See ICD2-00001, Rev. C)
S_{27}	Solid rocket booster, including all protuberances (See ICD2-00001, Rev. C)

TEST FACILITY DESCRIPTION

The AEDC PWT 16-Foot Transonic Tunnel (Propulsion Wind Tunnel, Transonic 16T) is a continuous-flow closed-circuit tunnel capable of operation within a Mach number range of 0.20 to 1.60. The tunnel can be operated within a stagnation pressure range of 120 to 4000 psfa depending upon the Mach number. The stagnation temperature can be varied from an average minimum of about 80 to a maximum of 160°F as a function of cooling water temperature. Using a special cooling system of mineral spirits, liquid nitrogen, and liquid air, the stagnation temperature range can be varied from +30 to -30°F. Supersonic velocities are obtained by use of flexible-wall, Laval type nozzles.

The test section is 16-foot square (in cross section) and 40-foot long. The entire test section and supporting structure is constructed as a separate unit, called the test section cart, and is removable from the tunnel circuit. The test section carts may be moved to the model installation building where the test article and associated equipment are installed.

Two 40-foot long test section carts are available for testing throughout the design temperature range. These carts are each 20-foot long and are used in pairs to form the 40-foot long test section. Each cart may be used in either the forward or aft position in the test section.

The test section is completely enclosed in a plenum chamber which can be evacuated, allowing part of the tunnel main flow to be removed

through the test section perforated walls, thereby unchoking the test section at near sonic speeds and alleviating wall interference effects.

TEST PROCEDURE

The 16T standard sting support system (Cart 2) which is shown in Figure 2f and described in Reference 3 was used to support and position the model in the test section during the test. The model was mounted on a single sting through the base of the orbiter, and was attached to the support system roll mechanism using AEDC sting and adapter components. All instrumentation cables and tubes exited the model through the base of the orbiter and were routed into the sting just aft of the exit plane of the MPS nozzles.

The sting support system utilizes computer control to position the model at angles-of-attack and sideslip by means of combinations of pitch and roll angles. This model support system is advantageous in that the model can be maintained at, or very close to, the tunnel centerline where flow angularity is a minimum. It has the disadvantage, however, of relatively slow pitch and roll rates (0.17 deg/sec and 1.25 deg/sec, respectively). A sketch showing the location of the model in the test section is presented in Figure 2f.

The test of the 0.02-scale launch vehicle was concerned primarily with force and moment measurements and the only pressures measured were those located on the bases of the model components. These pressure locations are shown in Figures 2b through 2e and are categorized as follows:

Major Model Component	Model Component	No. of Orifices
Orbiter	Base	9
Orbiter	Body Flap	9
External Tank	Base	45
Solid Rocket Boosters	Base	10
	Total	73

Pressures were manifolded in accordance with Table III so that the orbiter base and body flap pressure could be measured by five 2.5 psi transducers in the orbiter, and the external tank and SRB pressures could be measured by seven 2.5 psi transducers mounted in the external tank.

The types of balances utilized, and the model forces and moments calculated from their measurements are given below. The balances are described in detail in Reference 4.

Balance Location	Type	Model Forces and Moments Measured or Calculated
Orbiter	6-component	Launch vehicle normal force, side force, axial force, pitching moment, yawing moment, and rolling moment
External Tank	6-component	ET and SRB's normal force, side force, axial force, pitching moment, rolling moment, and yawing moment
Left Hand Solid Rocket Booster	6-component	Left hand SRB normal force, side force, axial force, pitching moment, rolling moment, and yawing moment

Balance Location	Type	Model Forces and Moments Measured or Calculated
Right Hand Solid Rocket Booster	6-component	Right hand SRB normal force, side force, axial force, pitching moment, rolling moment, and yawing moment
Wing	3-component	Wing normal force, bending moment, and torsional moment
Vertical Stabilizer	3-component	Vertical stabilizer side force, bending moment, and torsional moment
Inboard Elevon	1-component	Inboard elevon hinge moment
Outboard Elevon	1-component	Outboard elevon hinge moment

Sting pitch and roll angles were determined from the outputs of synchro-transmitters. Electrical signals from all position measuring devices, balances, and transducers were digitized for data reduction. All coefficient data were tabulated on-line.

Sting and orbiter balance deflection calibrations were obtained in the Model Installation Building prior to the test. Deflection calibrations of all model elements and components were performed in the Instrument Lab prior to the test.

After the model had been installed in the tunnel check loads were placed on all model elements and gauged components and data were obtained through the computer to verify the calculation of applied loads. Sting roll angle was also checked using an angular position indicator attached to the external tank balance support beam inside the external tank

(making it metric to the orbiter) and an inclinometer and "swing" device mounted on the leveling plate on top of the orbiter.

DATA REDUCTION

All measured pressures were converted into standard pressure coefficient form and were tabulated "on-line" at the test facility. Base pressure corrections were made to normal force, axial force, and pitching moment coefficients. In addition, axial force of the external tank and axial force and yawing moment from both solid rocket boosters were corrected for base pressure effects.

Force and moment coefficient data were computed in the body axis coordinate system (See Figure 1a) from the balances located in the orbiter, external tank, and both solid rocket boosters using the projection of the orbiter nose on the external tank longitudinal centerline as the moment reference point location. Forces and moments from the wing, vertical stabilizer, and elevons were computed about moment reference points unique to the individual model components. The location of the moment reference points and directions of positive forces and moments are shown in the sketches of Figures 1b through 1f.

Pressure coefficients required for base pressure adjustments were computed as follows:

CP1	=	CPT302	ORB BASE
CP2	=	1/2 (CPT405 + CPT413)	BODY FLAP
CP3	=	CPT319	OMS
CP4	=	CPT325	ORB CAVITY
CP5	=	CPT2202	L/H SRB BASE
CP6	=	CPT2202	

$$CP7 = .1629\ (CPT1501) + .0936\ (CPT1516) + .2058\ (CPT1530) + .2371\ (CPT1546) + .2465\ (CPT1546) + .0541\ (CPT1574) \qquad \text{ET}$$

$$CP9 = CPT2218 \qquad \text{R/H SRB BASE}$$

$$CP10 = CPT2218 \qquad \text{R/H SRB BASE}$$

where

CPTi is the pressure coefficient for pressure i, or a manifolded group of taps which includes tap i, defined in Table III.

Base pressure adjustments to the force and moment coefficients were computed as follows from the pressure coefficients derived above.

For the orbiter:

$$CNBO = (-1/SREF)\ [\tan 14.75^{\circ}(CP1)\ (A1) + (CP2)\ (A2)]$$

$$CLMBO = \{-1\ /(SREF)\ (LREF)\}\ [(-L1)\ \tan 14.75^{\circ}\ (CP1)\ (A1) - (L2)\ (CP2)\ (A2) + Z1\ \{(CP1)\ (A1-ACO) + (CP3)\ (A3) + (CP4)\ (ACO)\}]$$

$$CABO = (-1/SREF)\ [(CP1)\ (A1-ACO) + (CP3)\ (A3) + (CP4)\ (ACO)]$$

For the external tank:

$$CABT = (-1/SREF)\ (CP7)\ (A7)$$

For the left SRB:

$$CABLS = (-1/SREF)\ [(CP5)\ (A5) + (CP6)\ (A6)]$$

$$CYNBLS = -(YS/LREF)\ (CABLS)$$

For the right SRB:

$$CABRS = (-1/SREF)\ [(CP9)\ (A9) + (CP10)\ (A10)]$$

$$CYNBRS = (YS/LREF)\ (CABRS)$$

These adjustments were applied to the measured force and moment coefficients to give forebody coefficients.

For the launch vehicle (orbiter balance):

CNFL = CNL - CNBO

CIMFL = CIML - CIMBO

CYFL = CYL

CYNFL = CYNL - CYNBLS - CYNBRS

CAFL = CAL - CABO - CABT - CABLS - CABRS

CBLFL = CBLL

For the external tank and two SRB's (external tank balance):

CNFTS = CNTS

CIMFTS = CIMTS

CYFTS = CYTS

CYNFTS = CYNTS - CYNBLS - CYNBRS

CAFTS = CATS - CABT - CABLS - CABRS

CBLFTS = CBLTS

For the left SRB (left SRB balance):

CNFLS = CNLS

CIMFLS = CIMLS

CYFLS = CYLS

CYNFLS = CYNLS - CYNBLS

CAFLS = CALS - CABLS

CBLFLS = CBLLS

For the right SRB (right SRB balance):

CNFRS = CNRS

CLMFRS = CLMRS

CYFRS = CYRS

CYNFRS = CYNRS - CYNBRS

CAFRS = CARS - CABRS

CBLFRS = CBLRS

For orbiter alone forebody data:

CNFO = CNFL - CNFTS

CLMFO = CLMFL - CLMFTS

CYFO = CYFL - CYFTS

CYNFO = CYNFL - CYNFTS

CAFO = CAFL - CAFTS

CBLFO = CBLFL - CBLFTS

The external tank alone forebody coefficients were computed as:

CNFT = CNFTS - CNFLS - CNFRS

CLMFT = CLMFTS - CLMFLS - CLMFRS

CYFT = CYFTS - CYFLS - CYFRS

CYNFT = CYNFTS - CYNFLS - CYNFRS

CAFT = CAFTS - CAFLS - CAFRS

CBLFT = CBLFTS - CBLFLS - CBLFRS

The panel loads were reduced to force and moment coefficients in the following manner:

For wing bending and torsion:

$$CNW = NW/[(Q)\ (SREF)]$$

$$CBW = BW/[(Q)\ (SREF)\ (BREF)]$$

$$CTW = TW/[(Q)\ (SREF)\ (MAC)]$$

For vertical tail bending and torsion:

$$CNVT = NVT/[(Q)\ (SVT)]$$

$$CBVT = BVT/[(Q)\ (SVT)\ (CVT)]$$

$$CTVT = TVT/[(Q)\ (SVT)\ (CVT)]$$

For elevon hinge moments:

$$CHEI = HEI/[(Q)\ (SE)\ (CE)]$$

$$CHEO = HEO/[(Q)\ (SE)\ (CE)]$$

Uncertainties (a statistical combination of systematic and random errors) of the tunnel freestream properties, aerodynamic coefficient uncertainties and pressure coefficient uncertainties will be presented in detail in documentation of this test published by AEDC. A schedule of completed runs is given in Table II which is the Data Set/Run Number Collation Summary for the test.

Reference dimensions and constants used were:

Symbol	Value: Model Scale	Value: Full Scale	Description
A1	0.12576 ft.^{2}	--	Base area #1 (orbiter including sting cavity area).
A2	0.0572 ft.^{2}	--	Base area #2 (projected body flap).

Symbol	Value: Model Scale	Value: Full Scale	Description
A3	0.049048 ft.^{2}	--	Base area #3 (OMS pods)
A5, A9	0.04661 ft.^{2}	--	SRB skirt base areas, each.
A6, A10	0.04795 ft.^{2}	--	SRB Nozzle base area, each.
A7	0.24192 ft.^{2}	--	Base area of the external tank.
ACO	0.0377 ft.^{2}	--	Orbiter sting cavity area.
BREF	18.734 in.	936.7 in.	Wing bending reference length.
CE	1.814 in.	90.7 in.	Elevon reference chord length.
CVT	3.996 in.	199.8 in.	Vertical tail reference chord length.
L1	25.260 in.	1263.0 in.	Horizontal transfer distance between the orbiter base and the integrated vehicle moment reference center.
L2	26.594 in.	1329.7 in.	Horizontal transfer distance between the body flap and the integrated vehicle moment reference center.
LREF	25.806 in.	1290.3 in.	Reference length.
MAC	9.496 in.	474.8 in.	Mean aerodynamic chord.
SE	0.084 ft.^{2}	210. ft.^{2}	Elevon reference area.
SREF	1.076 ft.^{2}	2690. ft.^{2}	Wing reference area.
SVT	0.1653 ft.^{2}	413.25 ft.^{2}	Vertical tail reference area.
YS	5.010 in.	250.5 in.	Lateral transfer distance between the SRB base and the integrated vehicle moment reference center.

DATA REDUCTION (Concluded)

Symbol	Value		Description
	Model Scale	Full Scale	
Z1	6.730 in.	336.5 in.	Vertical transfer distance between the total orbiter base area and the integrated vehicle moment reference center.

REFERENCES

1. DMS-DR-2403, "Results of Tests Using a 0.02-Scale Model (89-OTS) of the Space Shuttle Integrated Vehicle in the AEDC 16-Foot Transonic Propulsion Wind Tunnel (IA156A)," presently being published.

2. SD77-SH-0195, "Pretest Information for Test IA156A of the 0.02-Scale Model 89-OTS Space Shuttle Integrated Vehicle in the AEDC Propulsion Wind Tunnel (16T)," dated August 4, 1977.

3. Test Facilities Handbook (Tenth Edition), "Propulsion Wind Tunnel Facility, Vol. 4," Arnold Engineering Development Center, May, 1974.

4. SD78-SH-0224, "Pretest Information for Test IA183 of the 0.02-Scale Model 89-OTS Space Shuttle Integrated Vehicle in the AEDC Propulsion Wind Tunnel (16T)," dated October 20, 1978.

5. Sverdrup; ARO, Inc.; AEDC Division Letter of April 9, 1980, "Recomputed Space Shuttle Data from NASA/Rockwell Tests IA-105A, IA-156A, IA-105AR, IA-182, IA-183 (Project P43T-09)" to D. E. Poucher from J. A. Black.

TABLE I.

TEST : IA183

DATE : NOV. 1978

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (psf)	STAGNATION TEMPERATURE (degrees Fahrenheit)
.60	3.003×10^6	387.9	109.8
.90	2.995×10^6	523.3	110.1
.95	3.008×10^6	542.2	109.1
1.10	2.997×10^6	587.4	110.1
1.15	3.009×10^6	601.0	109.3
1.25	3.002×10^6	621.2	109.6
1.55	3.000×10^6	656.7	110.0

BALANCE UTILIZED: See Configurations Investigated

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

COMMENTS:

TABLE II

JEV

TEST: IA183

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 11/15/78

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{e_T}	δ_{e_ϕ}	ϕ	M	NO. OF RUNS	MACH NUMBERS 0.60	0.90	0.95	1.10	1.15	1.25	1.55			
R4Q-01	ØTS F1	B1	0	10	5	0	—		3696	3697	3698	3701		3671				
02		B1	0				—		3639			3703		3673				
03		B1	0				—							3705				
04		B2	0				—					3702		3672				
05		B2	0				—					3704		3674				
06		B1	0			180	—		3712	3713		3709		3675				
07		B1	0			180	—							3708				
08		C	0			0	—								3706			
09		D	0			180	—								3707			
10		0	A			90	—		3645	3649	3653	3657	3663	3667				
11		0	A			90	—		3717	3714								
12		0	A			-90	—		3716	3715		3718		3719				
									ANGLE OF ATTACK — α (degrees)									
									-8		-4	0	4					
13		—	A			—	0.60		3640		3641	3645	3642					
14		—					0.60		3646		3647	3645	3648					
15		—					0.90		3650		3651	3649	3652					
16		—					0.95		3654		3655	3653	3656					
17		—					1.10		3658		3659	3657	3660					
18		—					1.15		3664		3665	3663	3666					
19		—					1.25		3668		3669	3667	3670					

TEST RUN NUMBERS

α OR β SCHEDULES

A) 0°, ±4°, ±6°

B1) 0°, ±2°, ±4°, ±6°, ±8° (α increasing from -8°)

B2) 0°, ±2°, ±4°, ±6°, ±8° (α decreasing from 8°)

C) -5°, -3°, -1°, 0°, 1°, 3°, 5°, 6°

D) -6°, -4°, -2°, 0°, 2°, 4°, 5°

NASA-MSFC-MAF

DIS 033

TABLE II (Continued)

IA183 COEFFICIENT
SCHEDULES
IDV'S CORRECTED FOR FLOW ANGULARITY

DATASET	IDV1	IDV2	DV1	DV2	DV3	DV4	DV5	DV6	DV7	DV8	DV9	DV10
R8PI$$	MACH	*ALPHAØ	ALFAØU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
	MACH	*BETAØ	BETAØU									
	*ALPHAØ	*BETAØ	MACH									
R8PØ$$	MACH	*ALPHAØ	BETAØ	CABØ	CAFØ	CNBØ	CNFØ	CLMBØ	CLMFØ	CYFØ	CYNFØ	CBLFØ
	MACH	*BETAØ	ALPHAØ									
	*ALPHAØ	*BETAØ	MACH									
R8PW$$	MACH	*ALPHAØ	BETAØU	CNW	CBW	CTW	CHEI	CHEØ	DEIR	DEØR	AFA	BFA
	MACH	*BETAØ	ALFAØU									
	*ALPHAØ	*BETAØ	ALFAØU									
R8PV$$	MACH	*ALPHAØ	CSVT	CBVT	CTVT	CABØ	CP302	CP325	CP405	CP413	CP2	CP319
	MACH	*BETAØ										
	*ALPHAØ	*BETAØ										
R8PP$$	MACH	*ALPHAØ	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
	MACH	*BETAØ	BETLSU	BETRSU								
	*ALPHAØ	*BETAØ	BETLSU	BETRSU								

*ALPHAØ, BETAØ CORRECTED FOR FLOW ANGULARITY

TABLE II (Continued)

IA183 COEFFICIENT
SCHEDULES
IDV'S CORRECTED FOR FLOW ANGULARITY

DATASET	IDV1	IDV2	DV1	DV2	DV3	DV4	DV5	DV6	DV7	DV8	DV9	DV10
R8PT$$	MACH	*ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
	MACH	*BETAT	BETATU	ALFATU	ALPHAT							
	*ALPHAT	*BETAT	BETATU	ALFATU	MACH							
R8PB$$	MACH	*ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218		
	MACH	*BETAT										
	*ALPHAT	*BETAT										
R8PL$$	MACH	*ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
	MACH	*BETALS	ALFALS									
	*ALFALS	*BETAHS	MACH									
R8PR$$	MACH	*ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
	MACH	*BETARS	ALFARS									
	*ALFARS	*BETARS	MACH									
R8PS$$	MACH	*ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
	MACH	*BETAT	ALFLSU	ALFRSU								
	*ALPHAT	*BETAT	ALFLSU	ALFRSU								

*ALPHAT, BETAT, ALFALS, BETALS, ALFARS, BETARS, CORRECTED FOR FLOW ANGULARITY

TABLE II (Continued)

IA183 COEFFICIENT
SCHEDULES
IDV'S UNCORRECTED FOR FLOW ANGULARITY

DATASET	IDV1	IDV2	DV1	DV2	DV3	DV4	DV5	DV6	DV7	DV8	DV9	DV10
X4QI$$	MACH	*ALPHAØ	ALFAØC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
	MACH	*BETAØ	BETAØC									
	*ALPHAØ	*BETAØ	MACH									
X4QØ$$	MACH	*ALPHAØ	BETAØC	CABØ	CAFØ	CNBØ	CNFØ	CLMBØ	CLMFØ	CYFØ	CYNFØ	CBLFØ
	MACH	*BETAØ	ALFAØC									
	*ALPHAØ	*BETAØ	BETAØC									
X4QW$$	MACH	*ALPHAØ	BETAØU	CNW	CBW	CTW	CHEI	CHEØ	DEIR	DEØR	AFA	BFA
	MACH	*BETAØ	ALFAØU									
	*ALPHAØ	*BETAØ	ALFAØC									
X4QV$$	MACH	*ALPHAØ	CSVT	CBVT	CTVT	CABØ	CP302	CP325	CP405	CP413	CP2	CP319
	MACH	*BETAØ										
	*ALPHAØ	*BETAØ										
X4QP$$	MACH	*ALPHAØ	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
	MACH	*BETAØ	BETLSU	BETRSU								
	*ALPHAØ	*BETAØ	BETLSU	BETRSU								

*ALPHAØ, BETAØ - UNCORRECTED FOR FLOW ANGULARITY

TABLE II (Continued)

IA183 COEFFICIENT
SCHEDULES
DV'S UNCORRECTED FOR FLOW ANGULARITY

DATASET	IDV1	IDV2	DV1	DV2	DV3	DV4	DV5	DV6	DV7	DV8	DV9	DV10
X4QT$$	MACH	*ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
	MACH	*BETAT	BETATC	ALFATU	ALPHAT							
	*ALPHAT	*BETAT	BETATC	ALFATC	MACH							
X4QB$$	MACH	*ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218		
	MACH	*BETAT										
	*ALPHAT	*BETAT										
X4QL$$	MACH	*ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
	MACH	*BETALS	ALFALS									
	*ALFALS	*BETALS	MACH									
X4QR$$	MACH	*ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
	MACH	*BETARS	ALFARS									
	*ALFARS	*BETARS	MACH									
X4QS$$	MACH	*ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
	MACH	*BETAT	ALFLSU	ALFRSU								
	*ALPHAT	*BETAT	ALFLSU	ALFRSU								

*ALPHAT, BETAT, ALFALS, BETALS, ALFARS, BETARS - UNCORRECTED FOR FLOW ANGULARITY

TABLE II (Concluded)

X4Q$XX - INDEPENDENT VARIABLES

$ = Ø, W, P, V, I	ALPHAØ or BETAØ	→ UNCORRECTED
$ = S, B, T	ALPHAT or BETAT	→ UNCORRECTED
$ = R	ALFARS or BETARS	→ UNCORRECTED
$ = L	ALFARS or BETARS	→ UNCORRECTED

R4Q$XX - INDEPENDENT VARIABLES

$ = Ø, W, P, V, I	ALPHAØ or BETAØ	→ CORRECTED FOR FLOW ANGULARITY
$ = S, B, T	ALPHAT or BETAT	→ CORRECTED FOR FLOW ANGULARITY
$ = R	ALFARS or BETARS	→ CORRECTED FOR FLOW ANGULARITY
$ = L	ALFALS or BETALS	→ CORRECTED FOR FLOW ANGULARITY

COMPONENTS ARE:

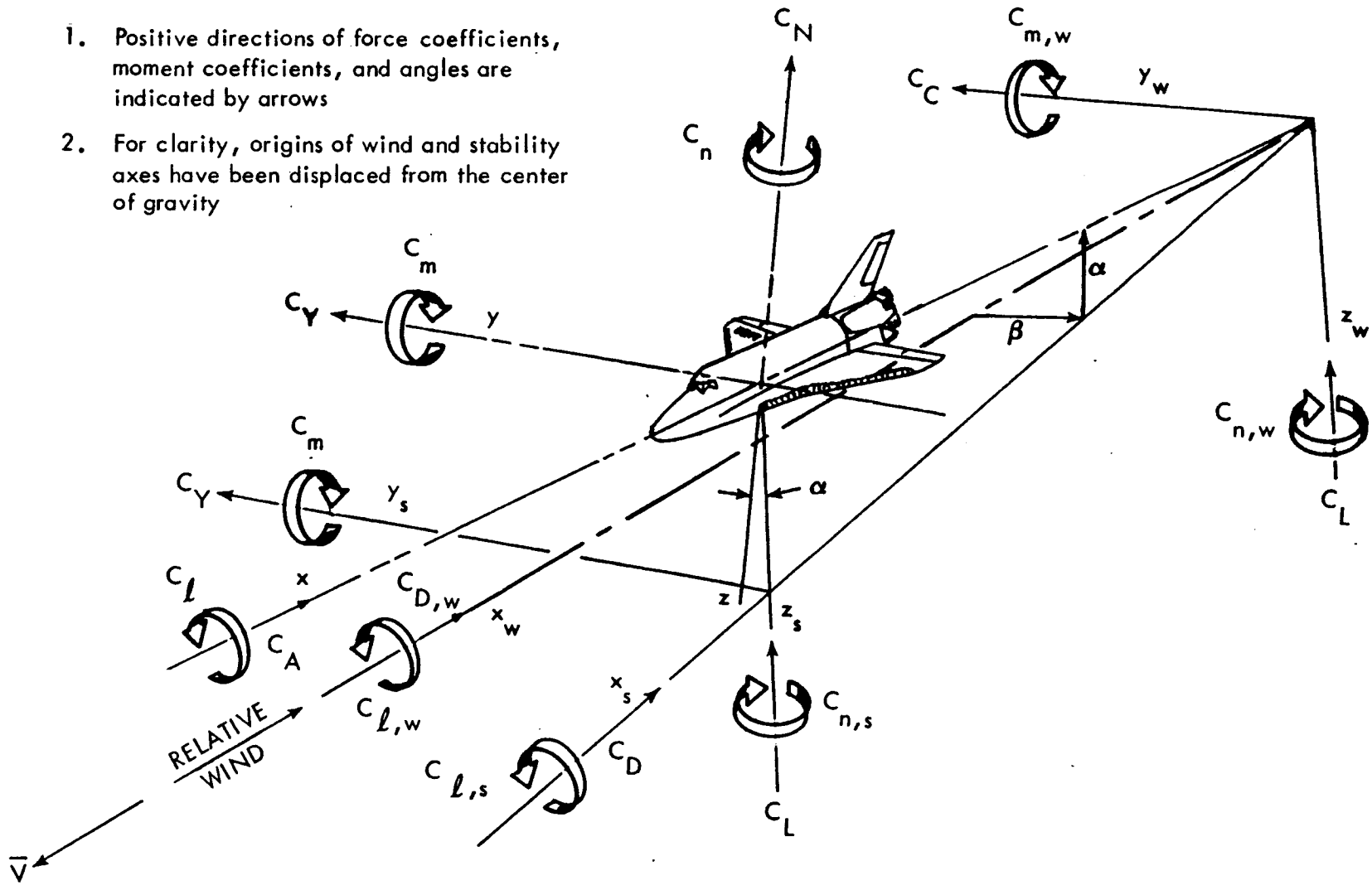
Ø	-	ORBITER
W	-	WING
P	-	PRESSURE
V	-	VERTICAL TAIL
I	-	LAUNCH VEHICLE
S	-	SRB + ET
B	-	BASE PRESSURES
T	-	EXTERNAL TANK
R	-	RIGHT SRB
L	-	LEFT SRB

TABLE III. PRESSURE INSTRUMENTATION

PRESSURE COEFFICIENT	PRESSURE TAP LOCATION	MANIFOLDED PRESSURE TAPS
CPT325	Orbiter balance cavity	325 only
CPT302	Orbiter base	302, 306, 312, 316, 318
CPT319	Orbiter base	319, 321, 323
CPT413	Body flap	413, 415, 416
CPT405	Body flap	405, 407, 408, 437, 439, 440
CPT1574	External Tank base	1574 only
CPT1546	External Tank base	1546, 1549, 1551, 1553, 1555, 1557, 1563, 1571
CPT1530	External Tank base	1530, 1531, 1533 through 1541, 1543, 1544
CPT1516	External Tank base	1516 through 1521, 1523, 1525 through 1528
CPT1501	External Tank base	1501 through 1507, 1509, 1511 through 1514
CPT2202	L. H. SRB base	2202, 2204, 2221, 2222, 2225
CPT2218	R. H. SRB base	2218, 2220, 2223, 2224, 2226

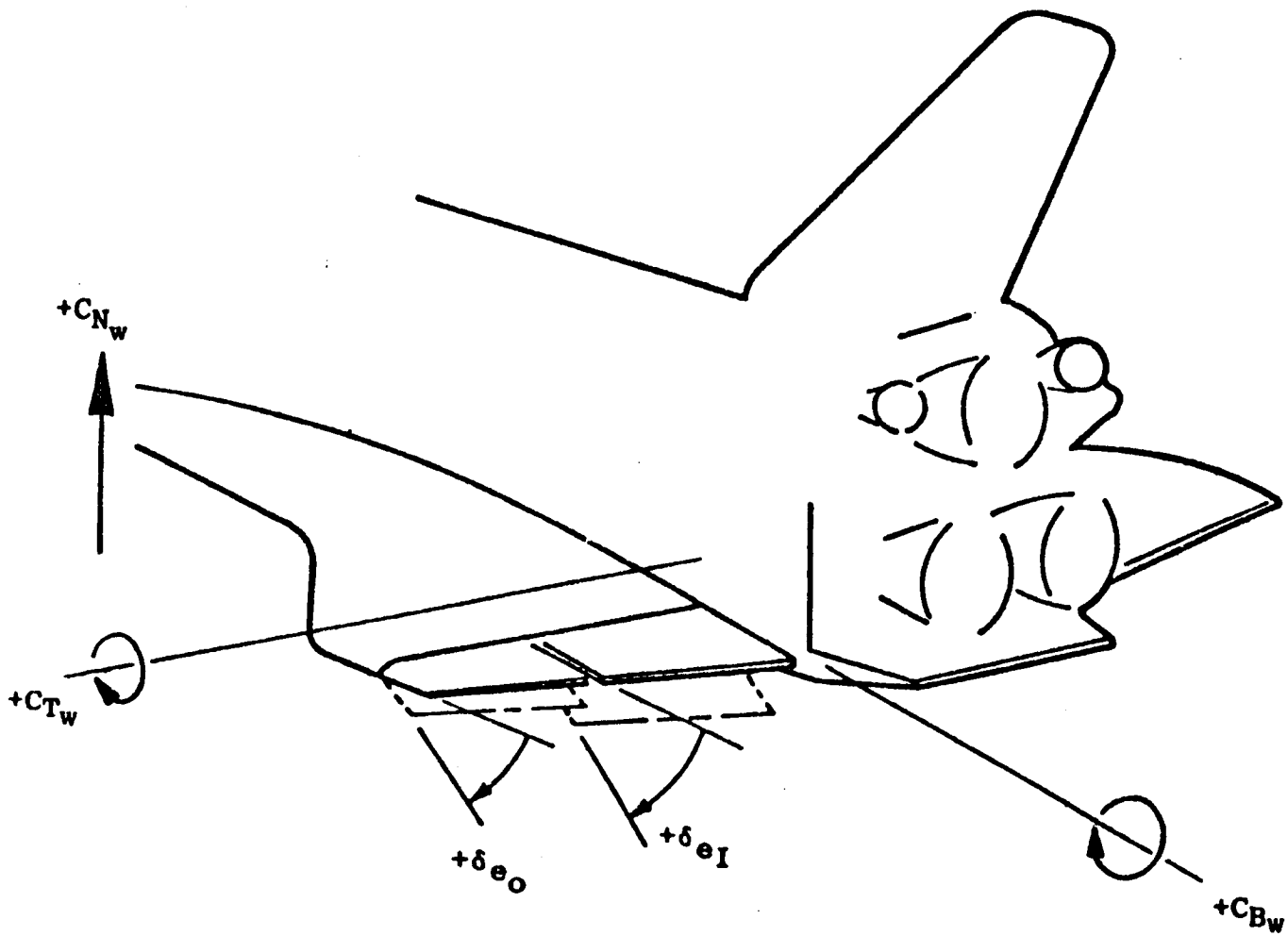
Notes:

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

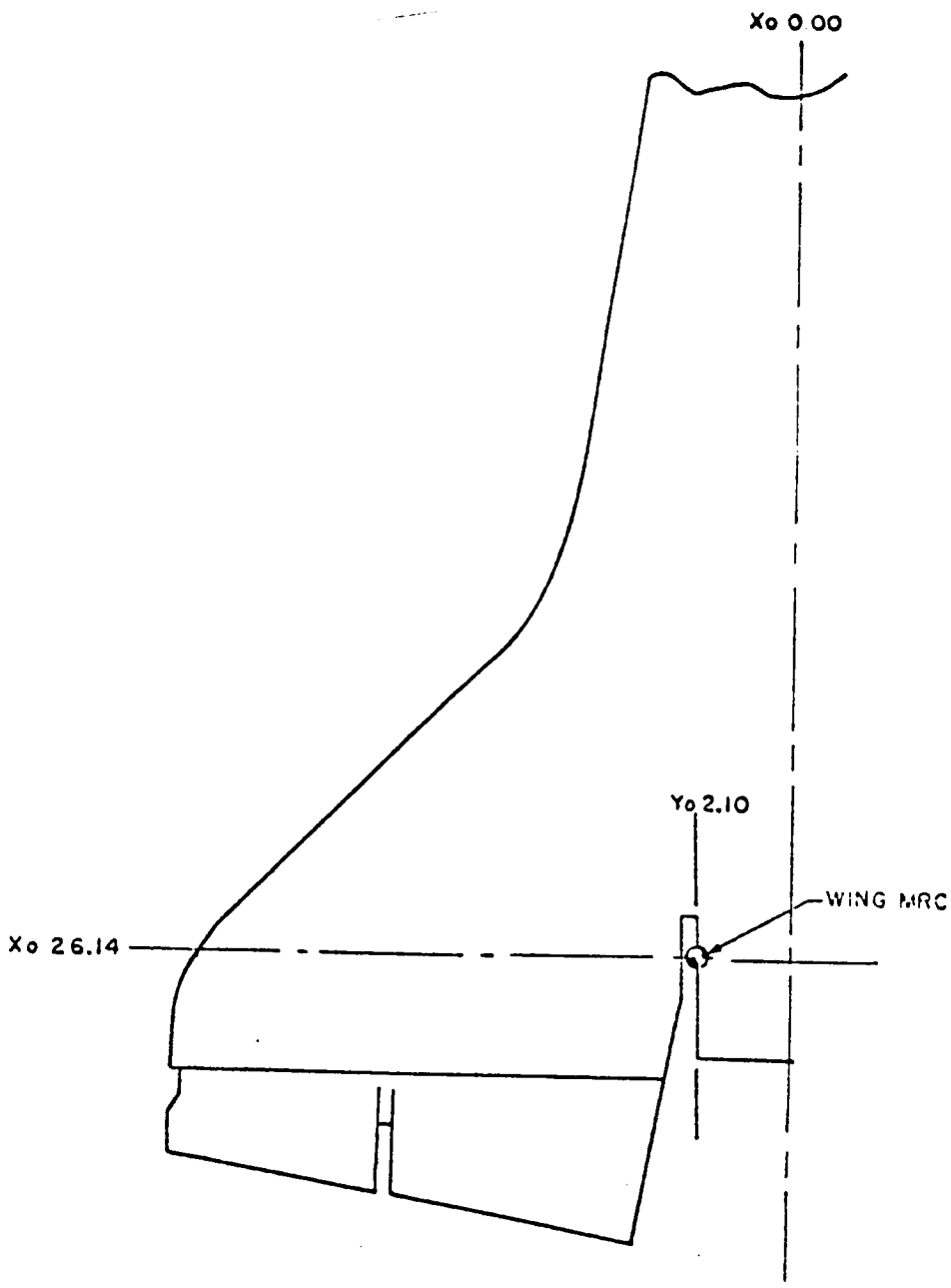


a. Axis Systems

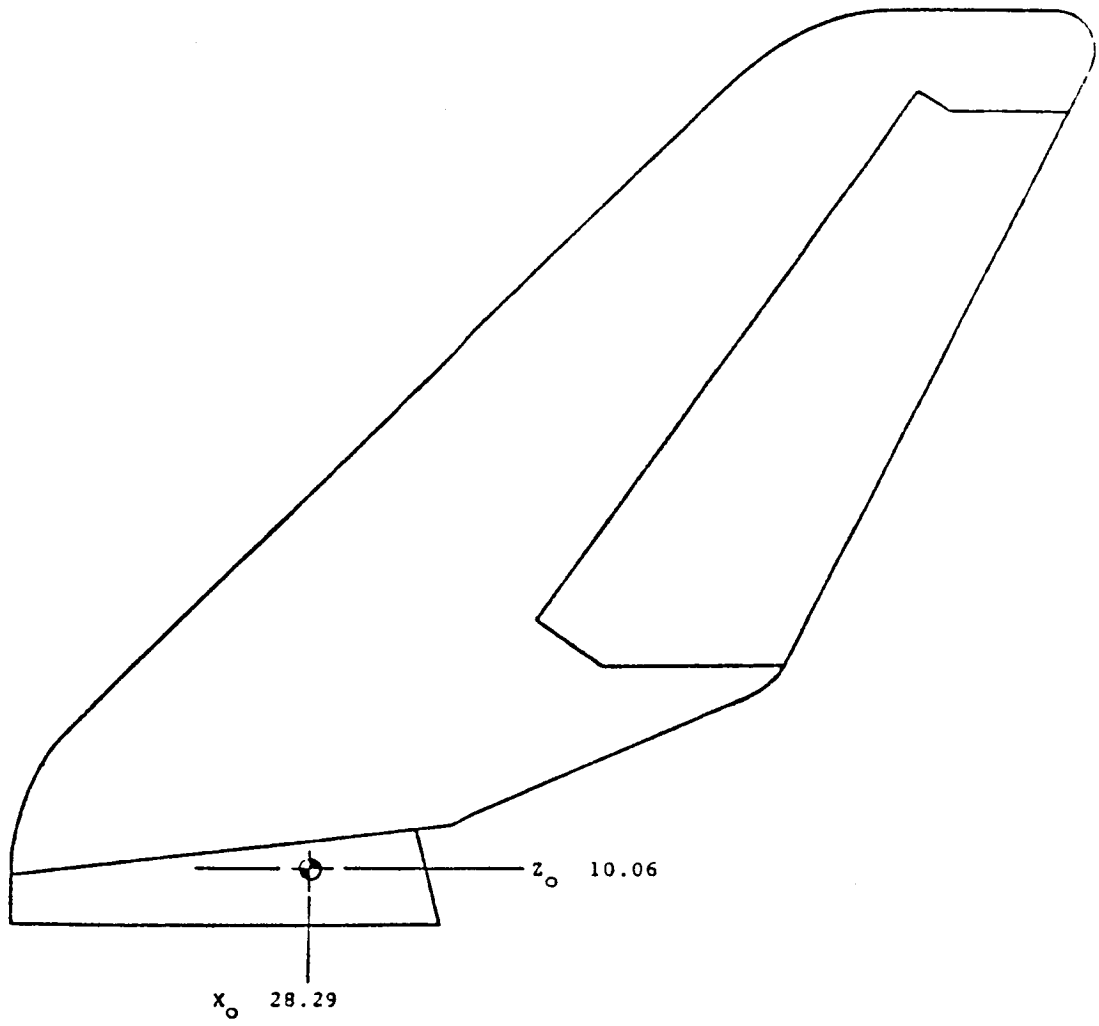
Figure 1. Model axis systems, sign conventions and reference dimensions.



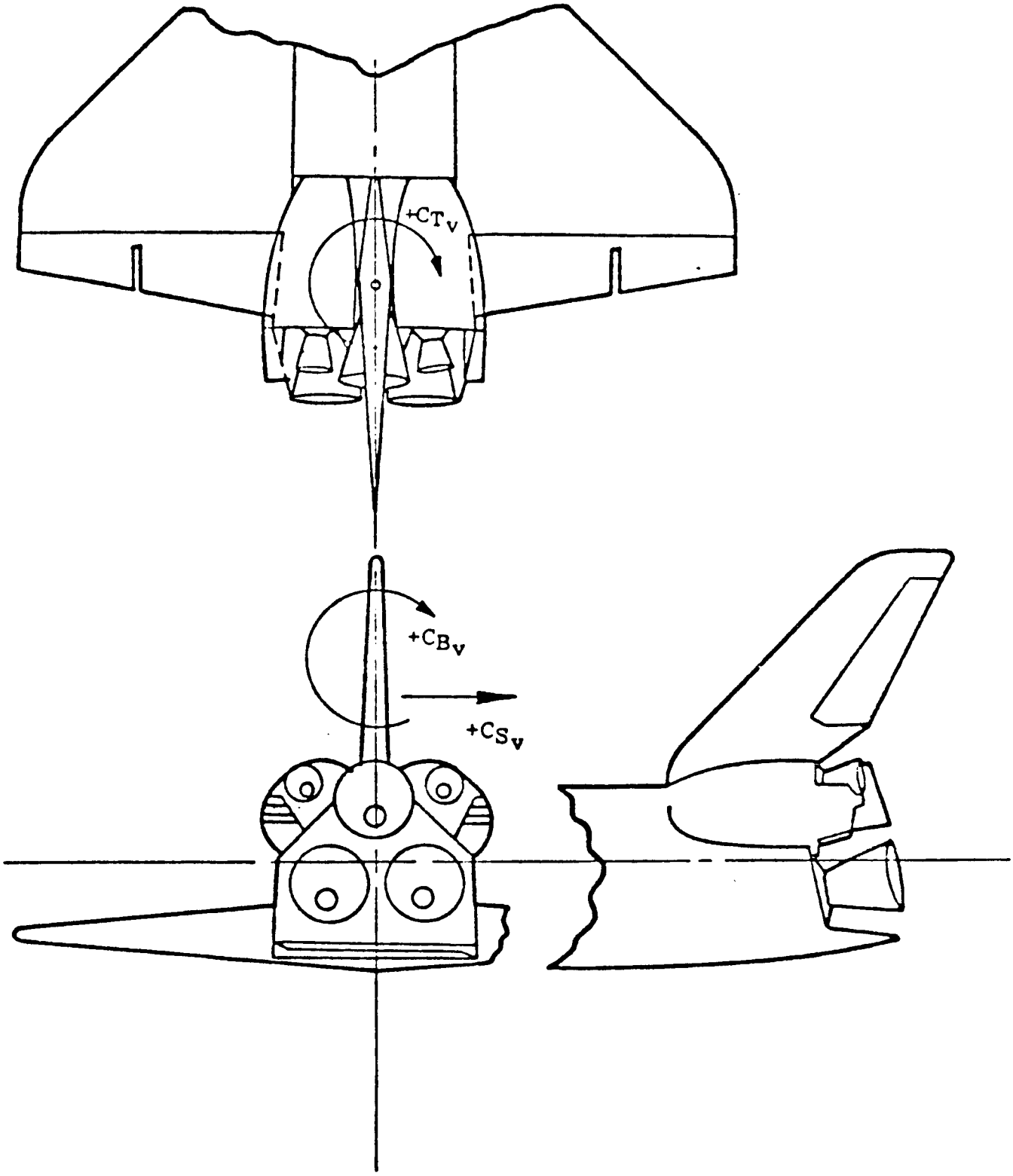
b. Definition of Elevon Deflection Angles and Wing Coefficients
Figure 1. Continued.



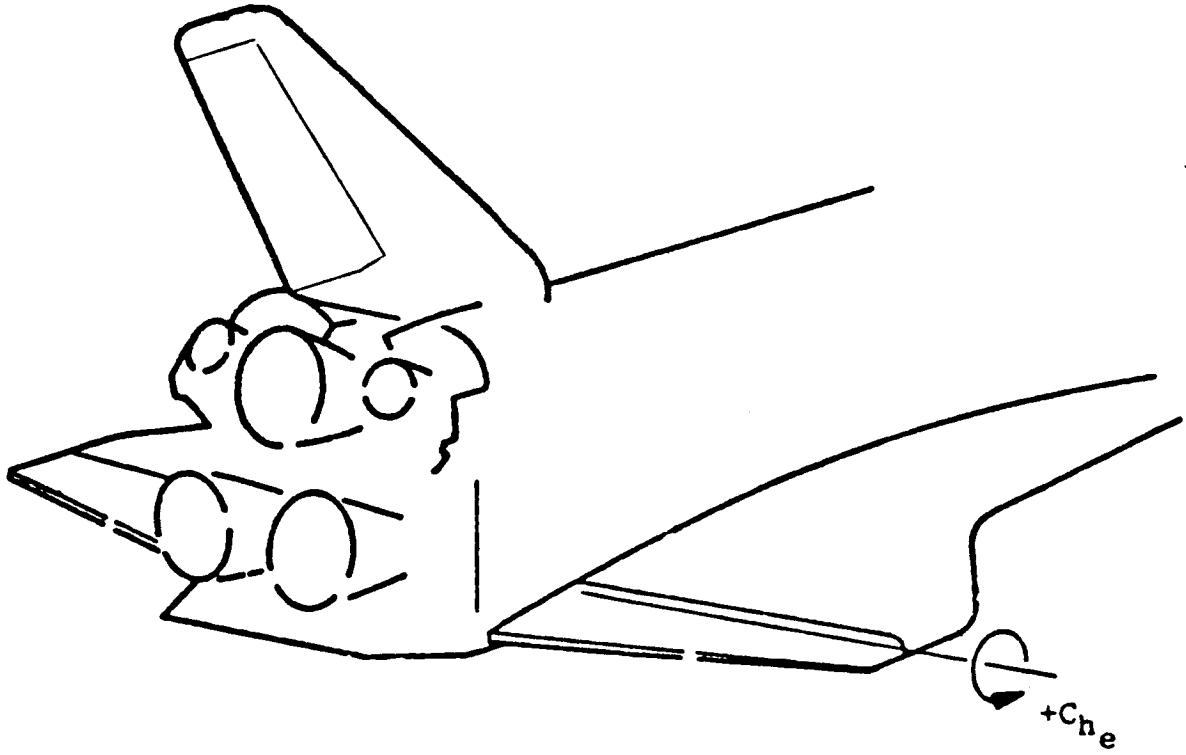
c. Wing Moment Reference Center
Figure 1. Continued.



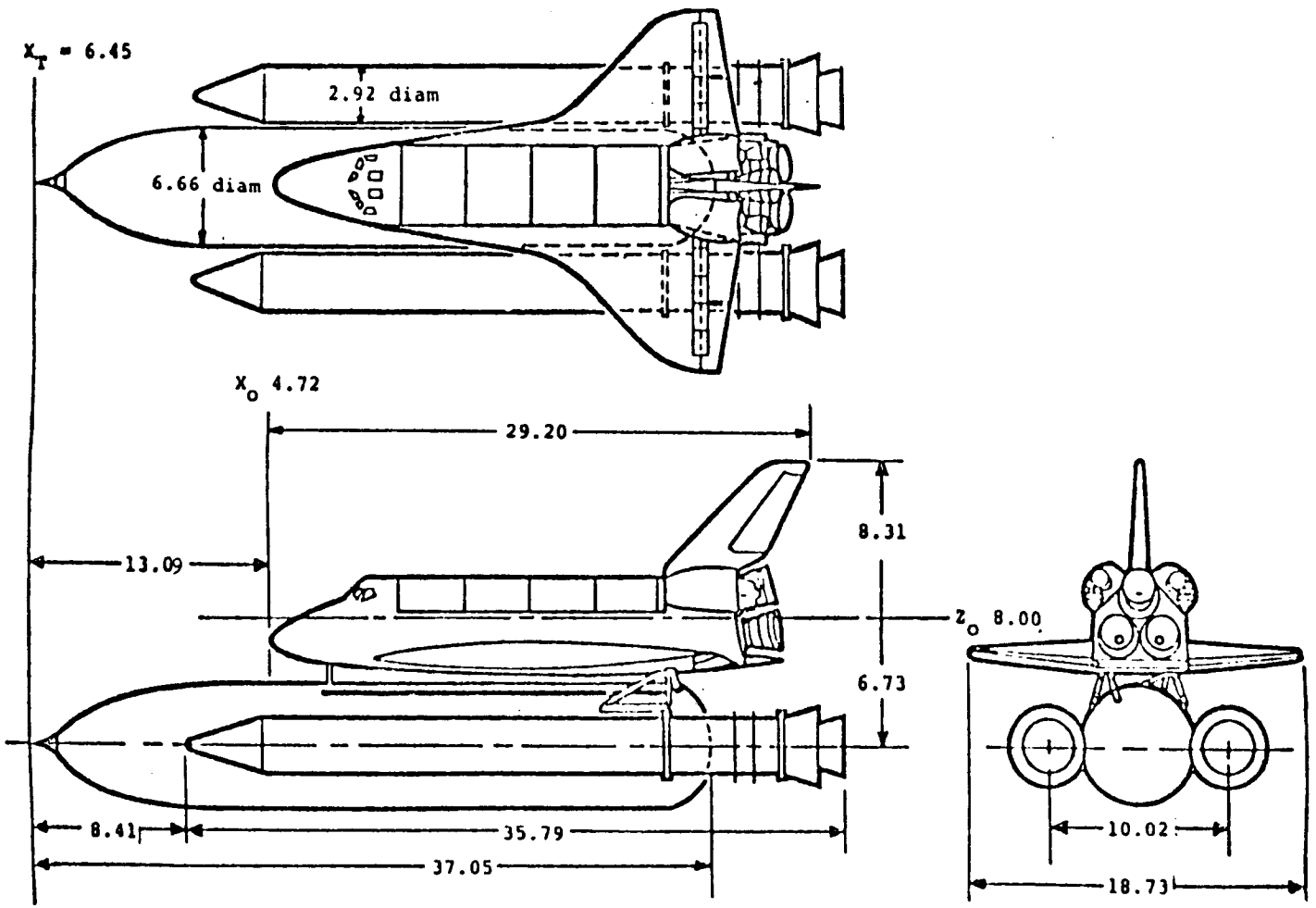
d. Vertical Stabilizer Moment Reference Center
Figure 1. Continued.



e. Definition of Vertical Stabilizer Coefficients
Figure 1. Continued.



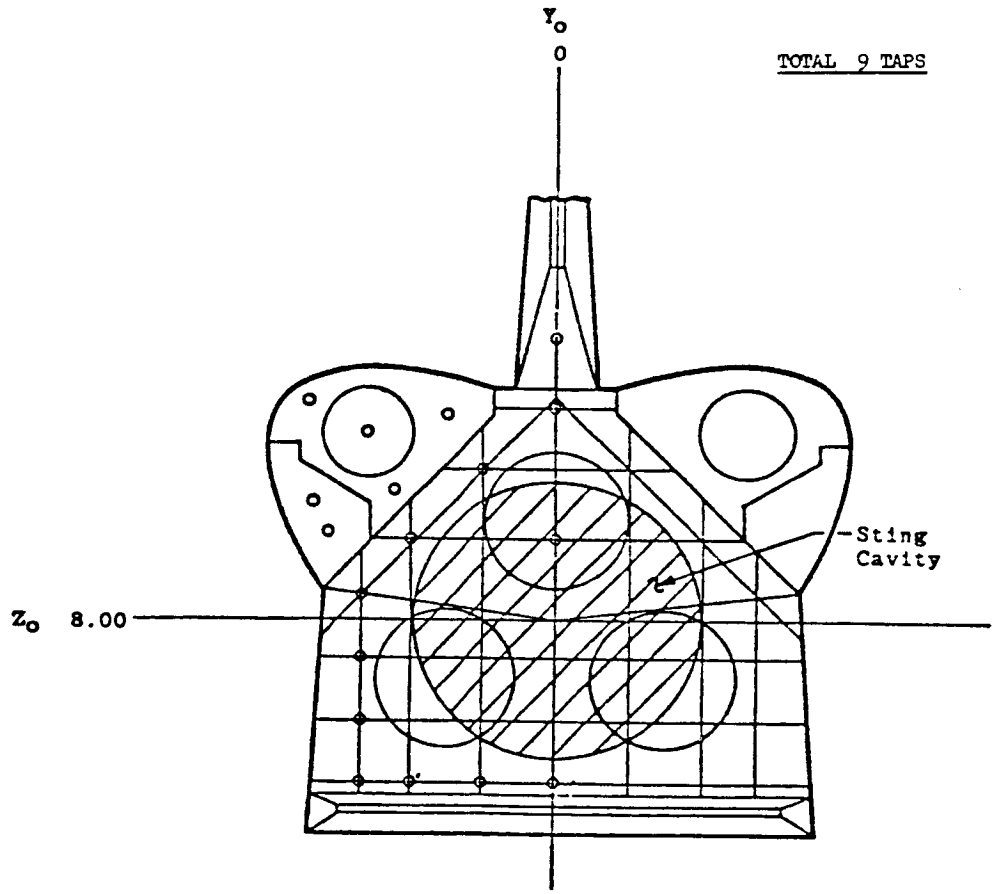
f. Definition of Elevon Hinge Moment Coefficients
Figure 1. Concluded.



a. Major Model Component Dimensions
Figure 2. Model sketches.

Transducer No	Tap	Z_o	Y_o
2	302	10.1	0
2	306	6.04	0
2	312	8.78	-1.56
2	316	7.52	-2.06

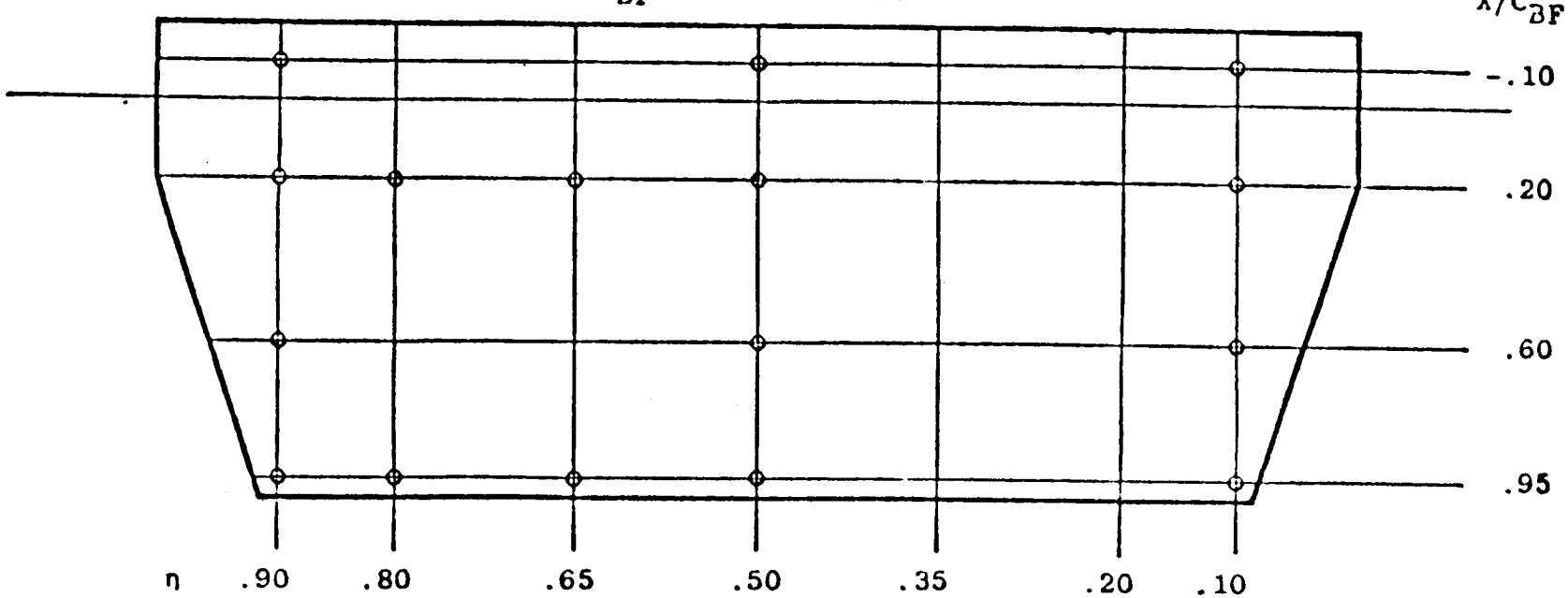
Tap	Z_o	Y_o	Transducer No
318	6.04	-2.06	2
319	10.28	-1.1	3
321	10.44	-2.06	3
323	8.78	-2.14	3
325	CAV	0	1



b. Orbiter Base Pressure Orifice Locations
Figure 2. Continued.

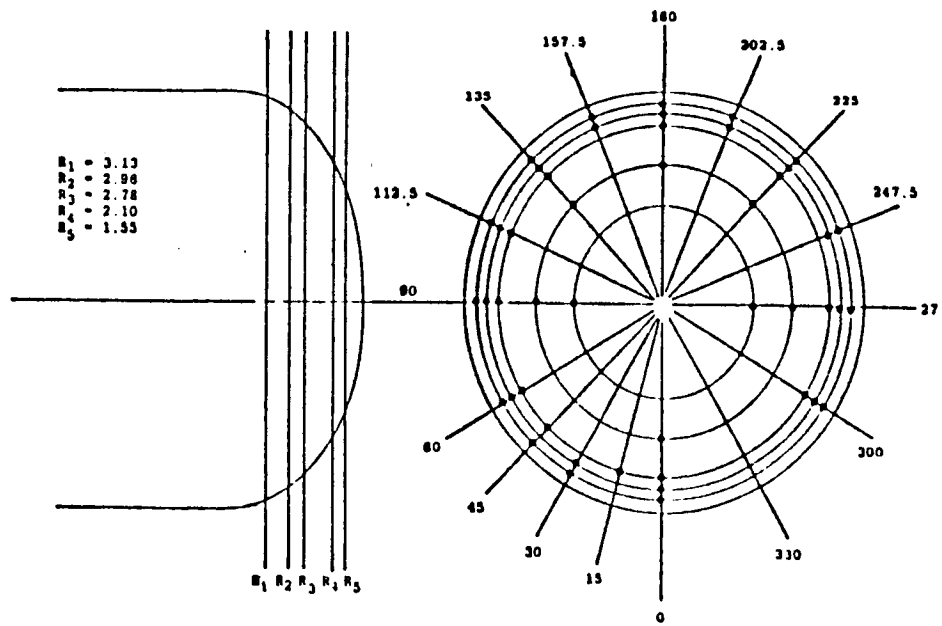
η	X/C_{BF}				TRANS-DUCER NO.
	-.10	.20	.60	.95	
.10	405		407	408	5
.20					
.35					
.50	413		415	416	4
.65					
.80					
.90	437		439	440	5

C_{BF} = 1.62 Inches

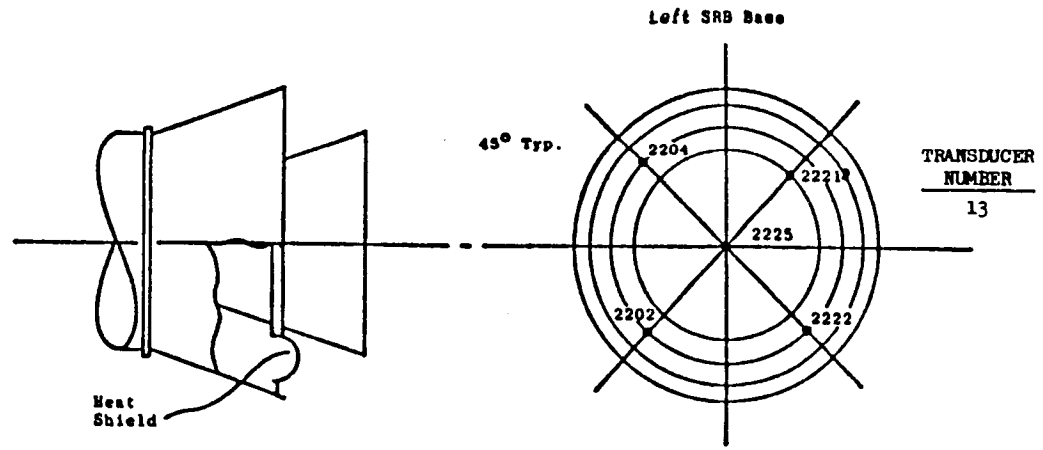


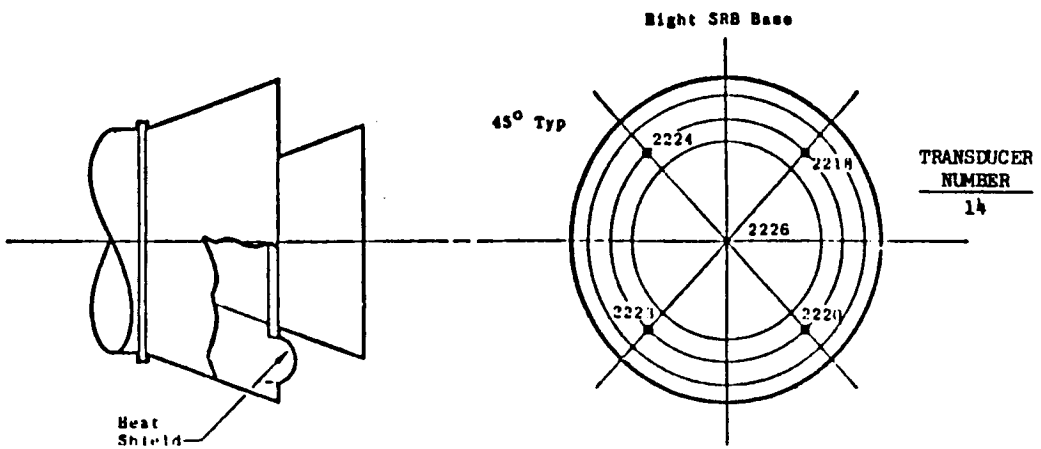
c. Orbiter Body Flap Top Surface Pressure Orifice Locations
Figure 2. Continued.

Radius (Model Scale)	φ, deg 0	15	30	45	60	90	112.5	135	157.5	180	202.5	225	247.5	270	300	330	TRANSDUCER NUMBER
3.13	1502		1503	1501	1504	1505	1506	1507		1509		1511	1512	1513	1514		12
2.96	1516		1517		1518	1519	1520	1521		1523		1525	1526	1527	1528		11
2.78	1530	1531		1533	1534	1535	1536	1537	1538	1539	1540	1541		1543	1544		10
2.10	1548					1549		1551		1553		1555		1557			9
1.55						1563								1571			9
0	1574																8

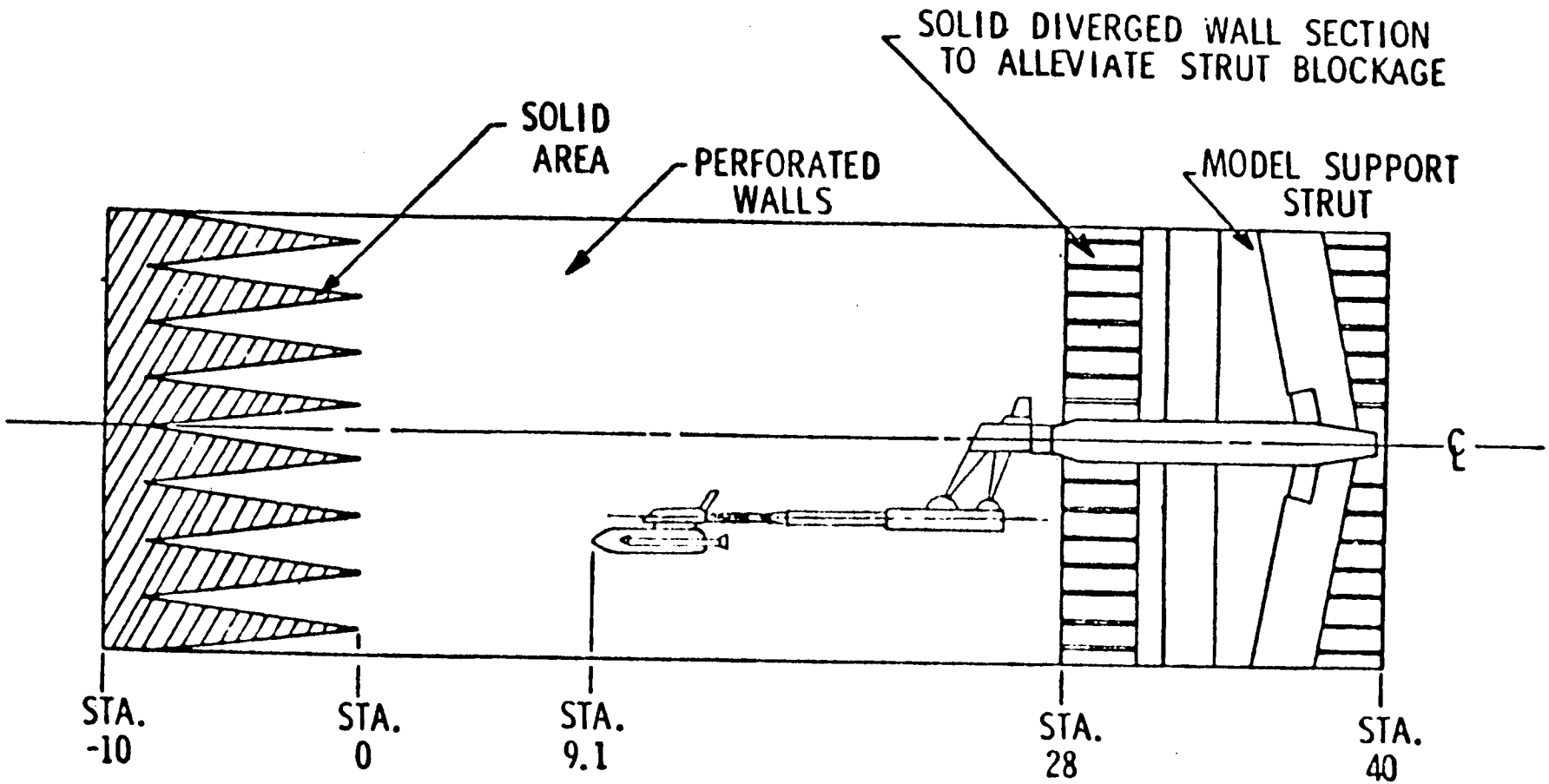


d. External Tank Base Pressure Orifice Locations
Figure 2. Continued.

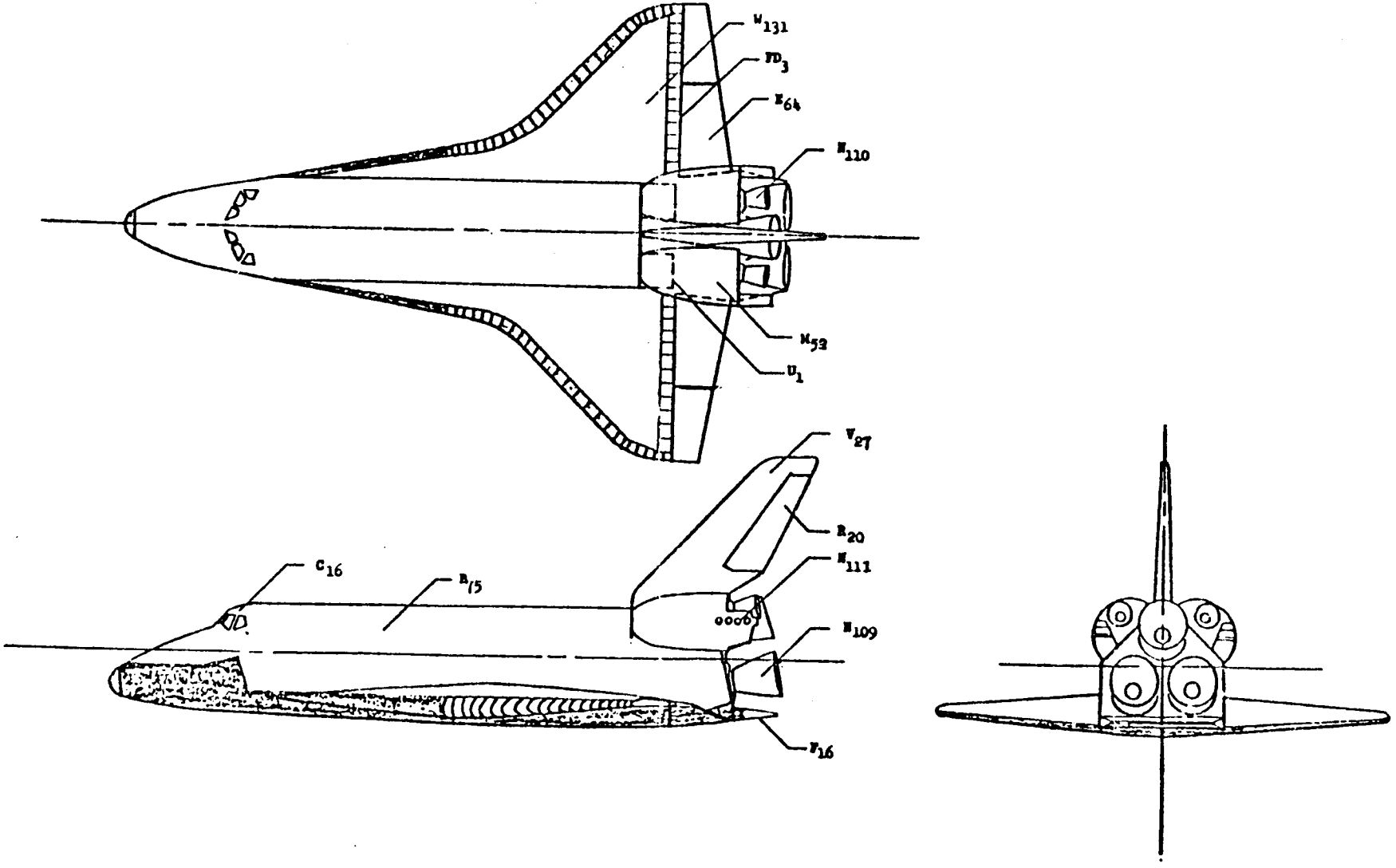




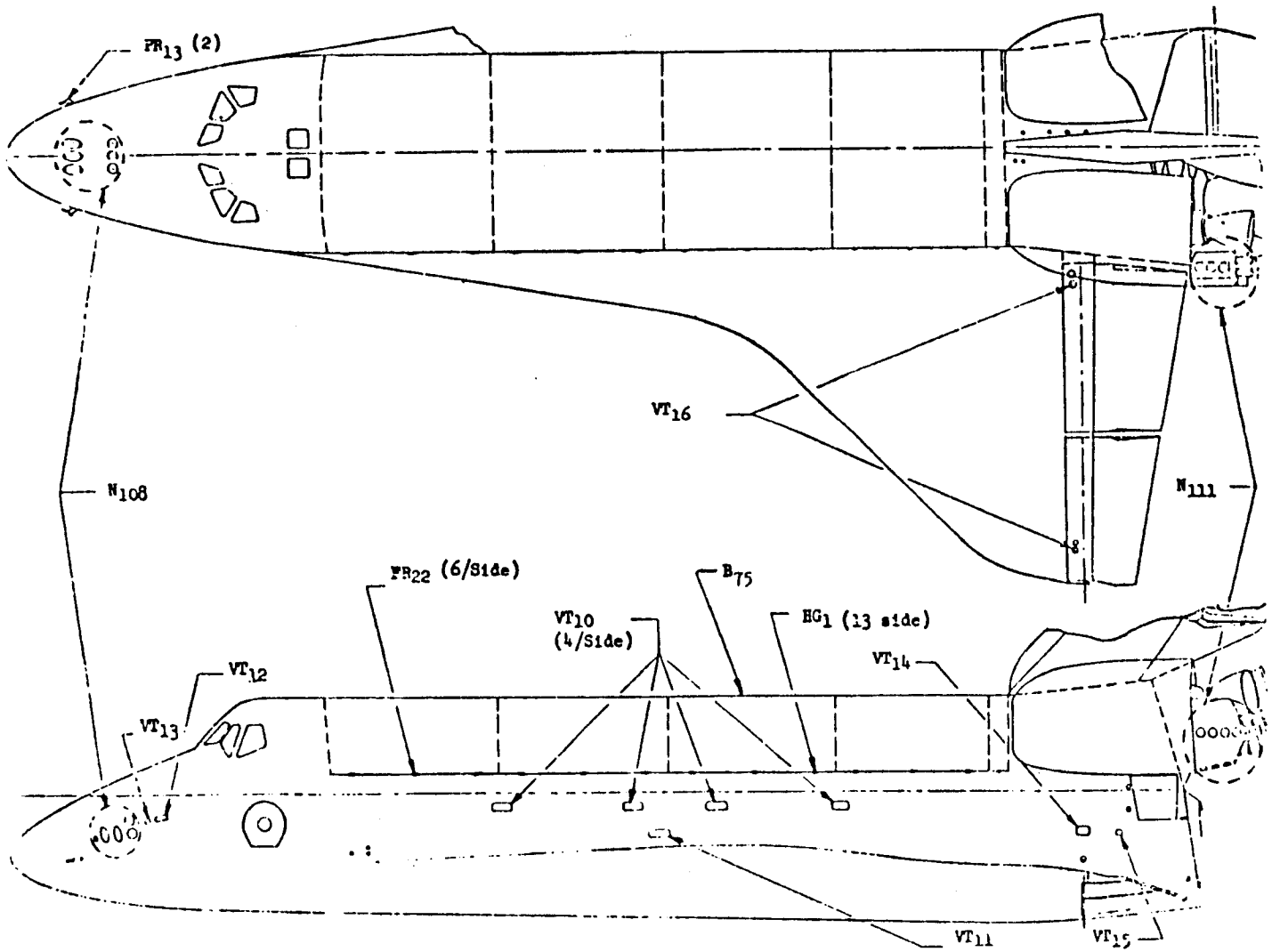
e. Solid Rocket Booster Base Pressure Tap Locations
Figure 2. Continued.



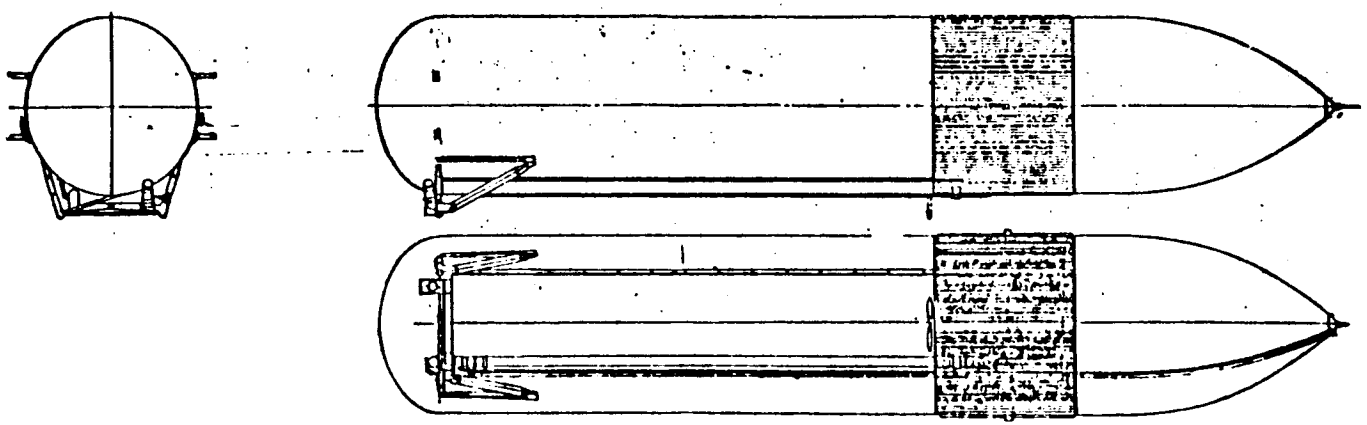
f. Sketch Showing Model 89-OTS Installation on Straight Sting Model Support System in Cart 2, AEDC 16'T
Figure 2. Continued.



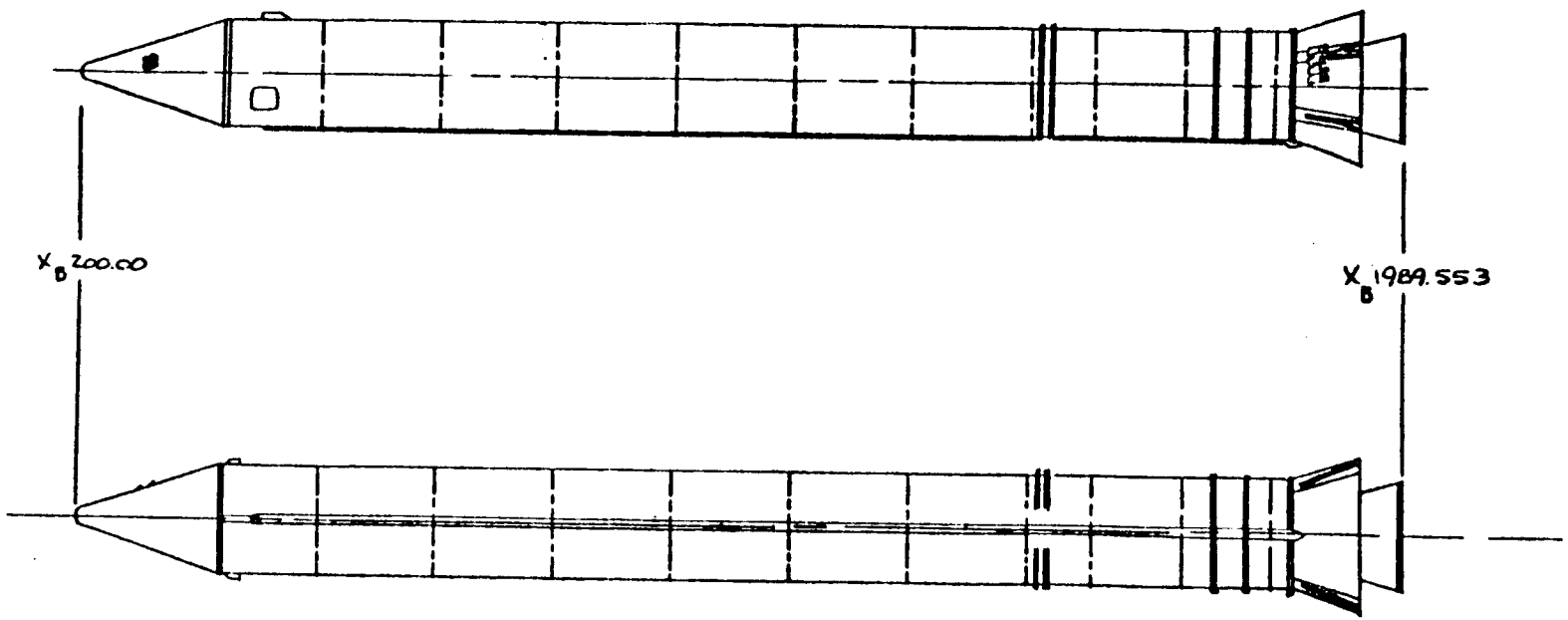
g. Orbiter Nomenclature
Figure 2. Continued.



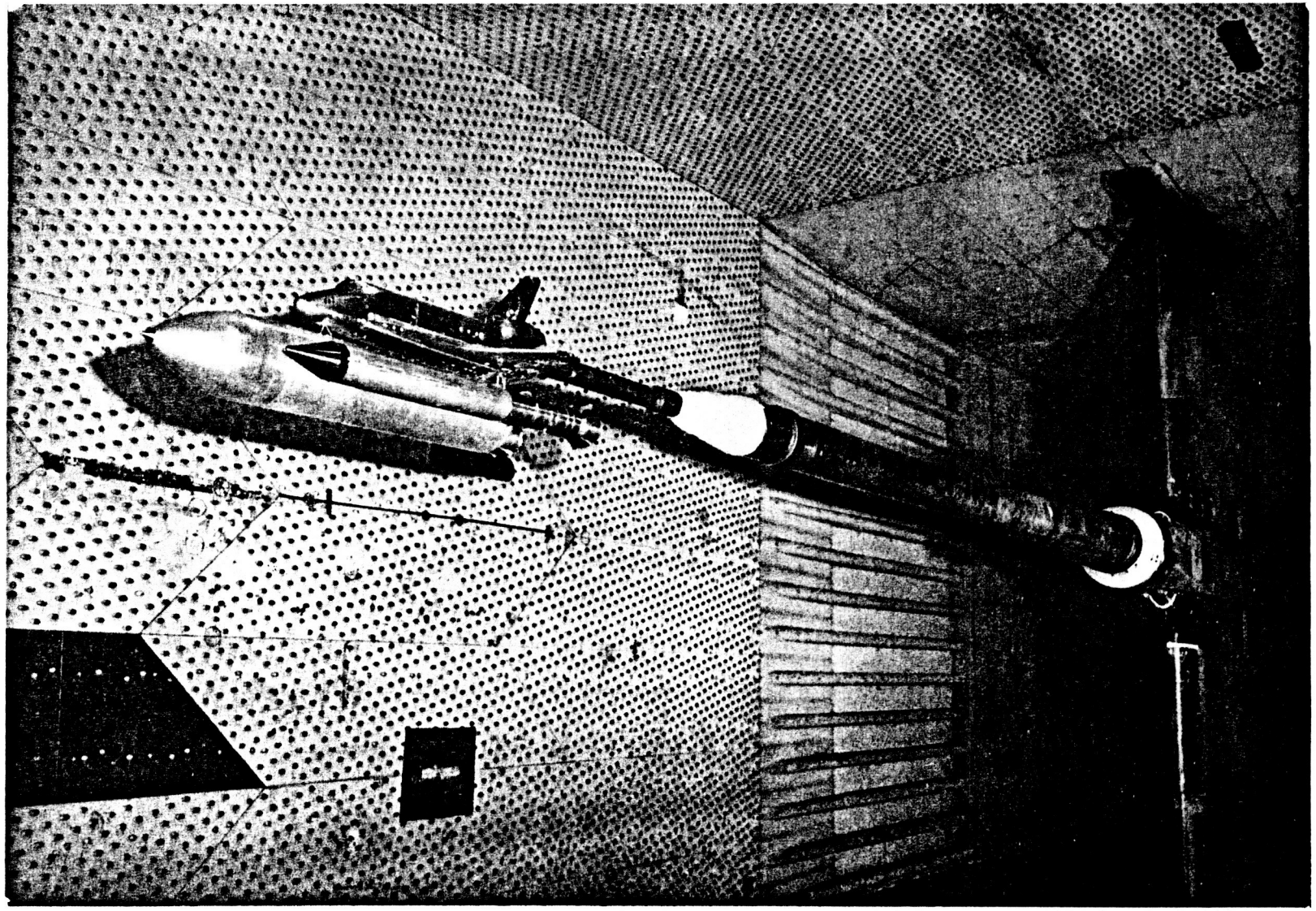
4. Orbiter Protuberance and Penetration Configuration
Figure 2. Continued.



i. External Tank (T_{39})
Figure 2. Continued.

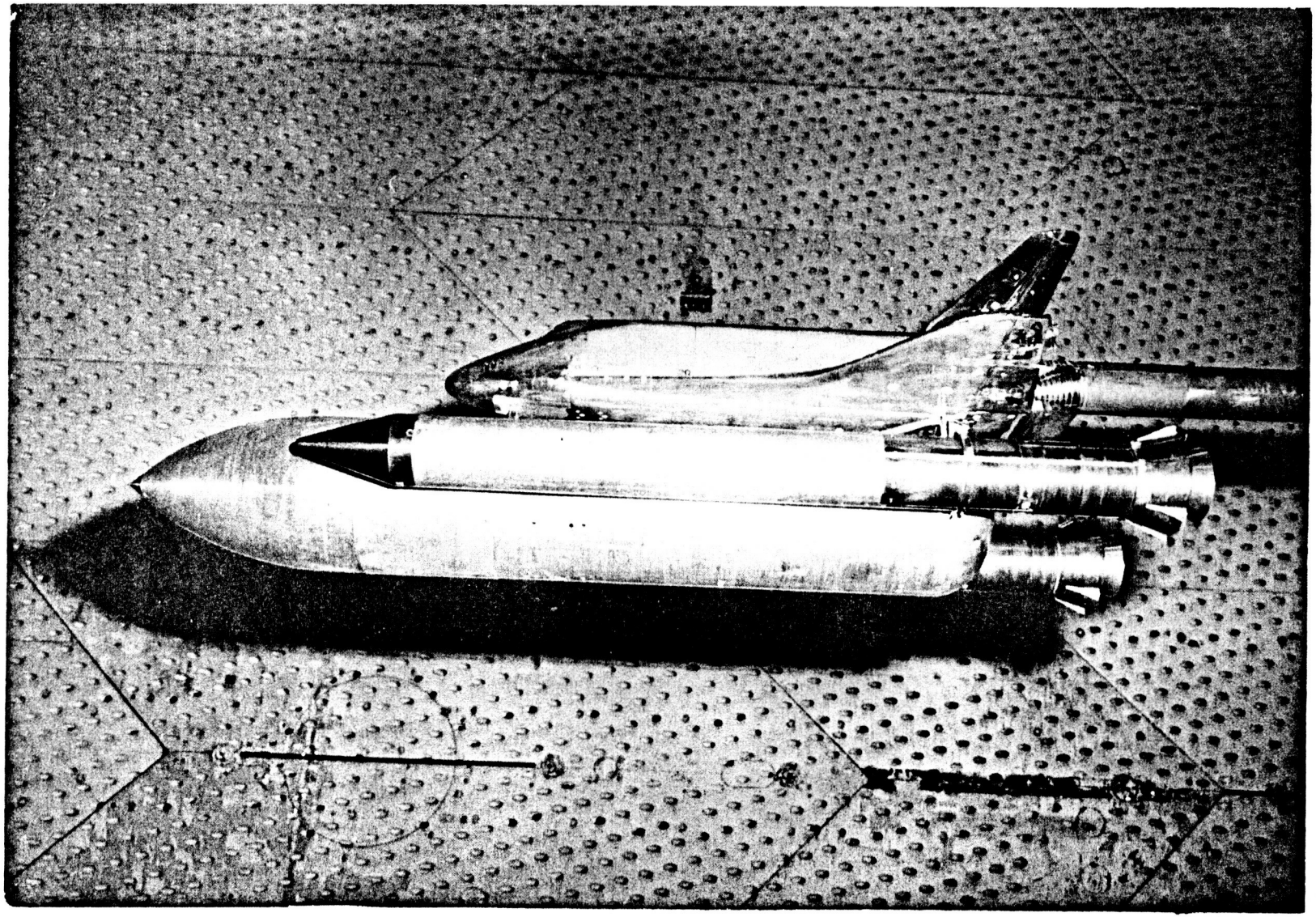


j. Solid Rocket Booster (S_{27})
Figure 2. Concluded.



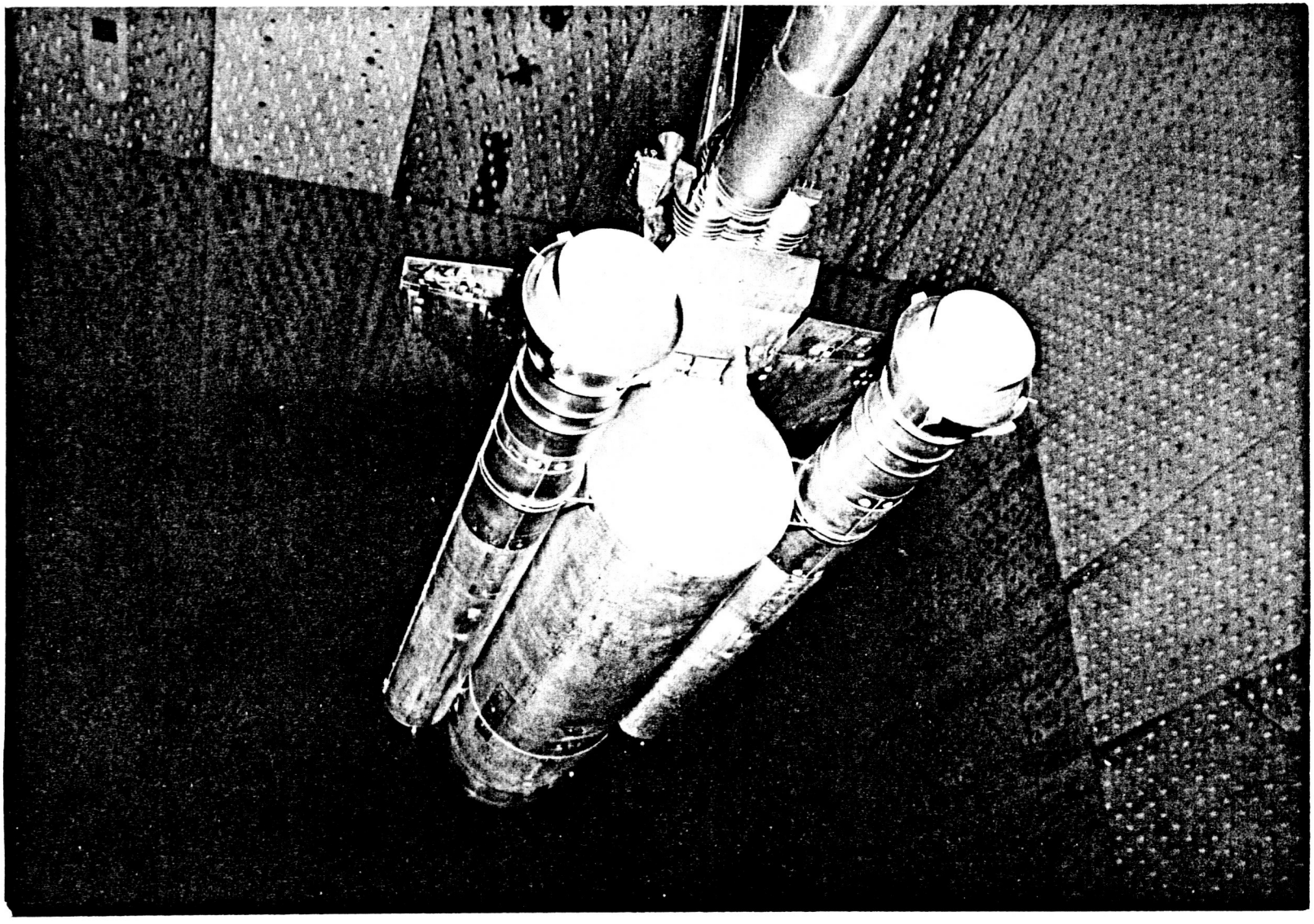
a. Model 89-ØTS in the 16T Test Section

Figure 3. Model Photographs



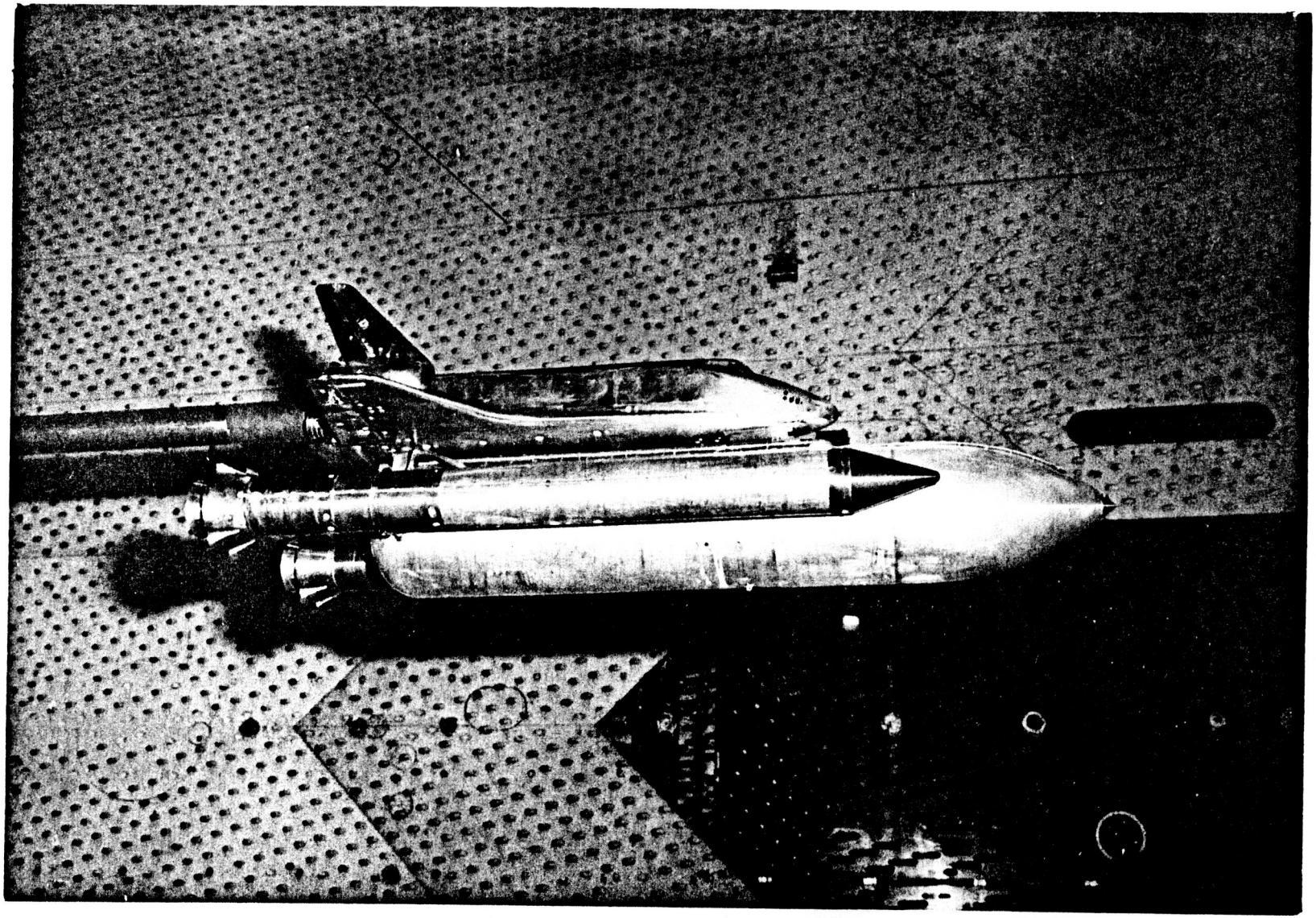
b. Lower Left Side View of Model 89-ØTS

Figure 3. Continued.



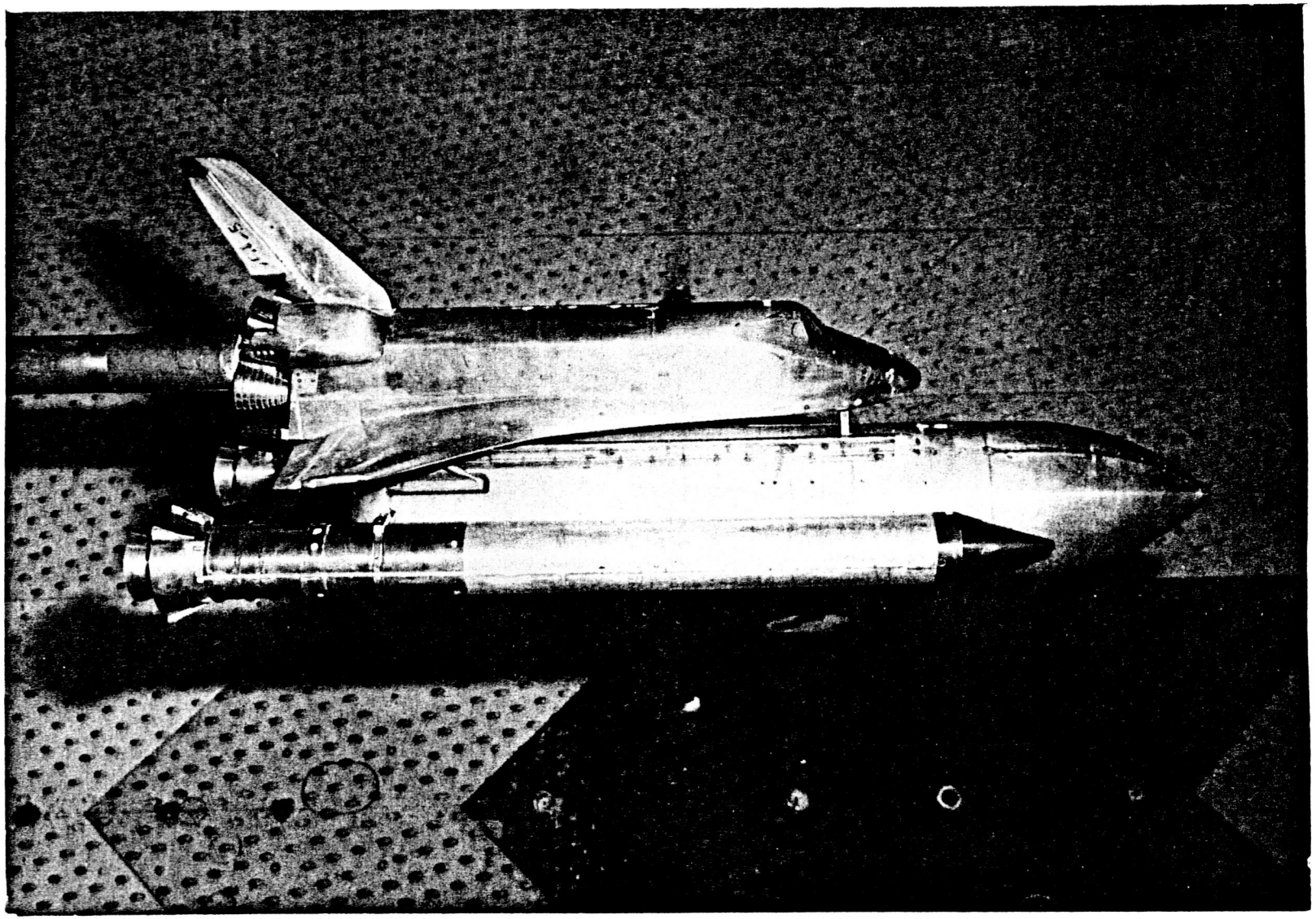
c. Lower Left Rear View of Model 89-ØTS

Figure 3. Continued.



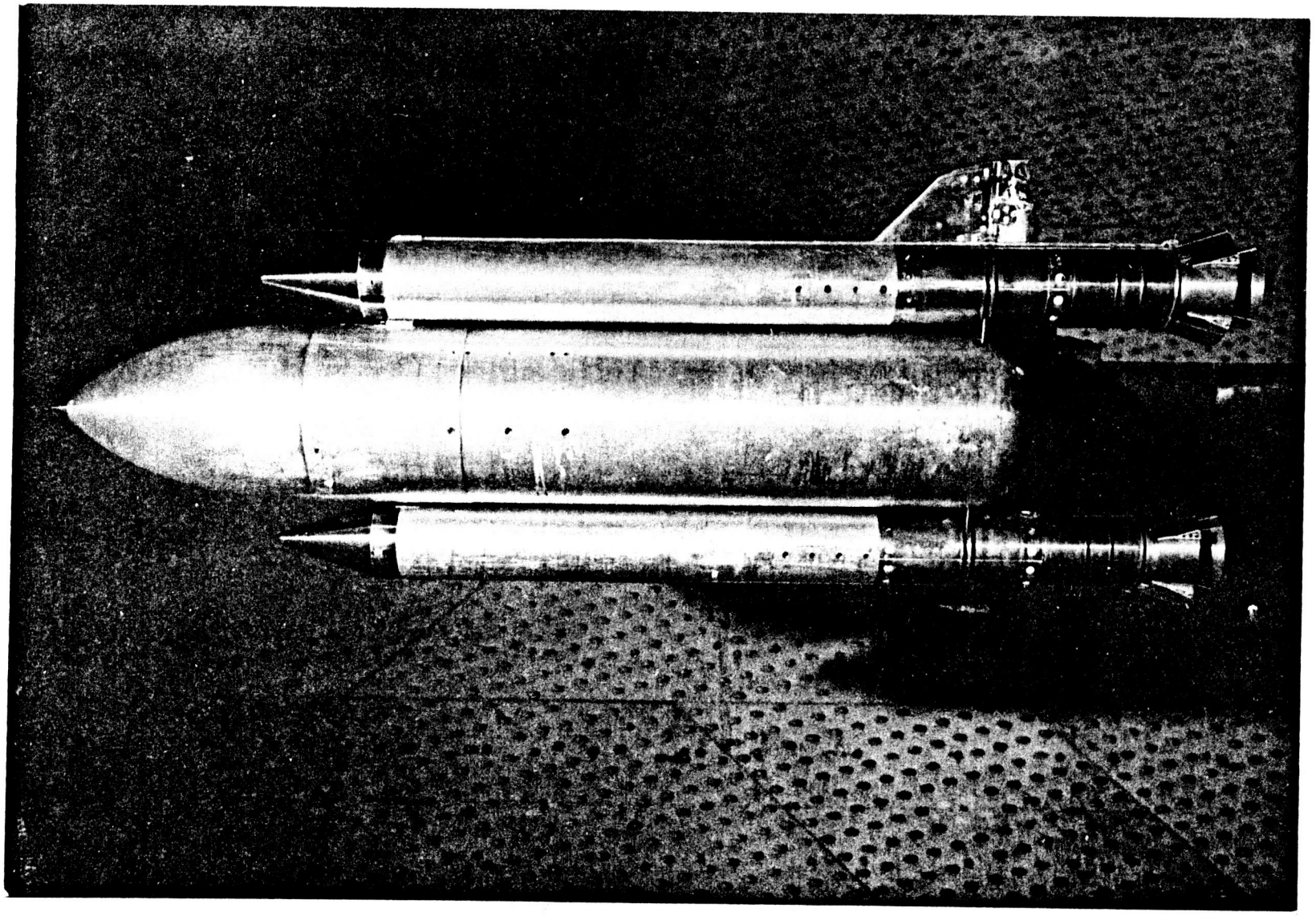
d. Lower Right Side View of Model 89-ØTS

Figure 3. Continued.



e. Upper Right Side View of Model 89-ØTS

Figure 3. Continued.



f. Bottom View of Model 89-ØTS

Figure 3. Concluded.

DATA FIGURES

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

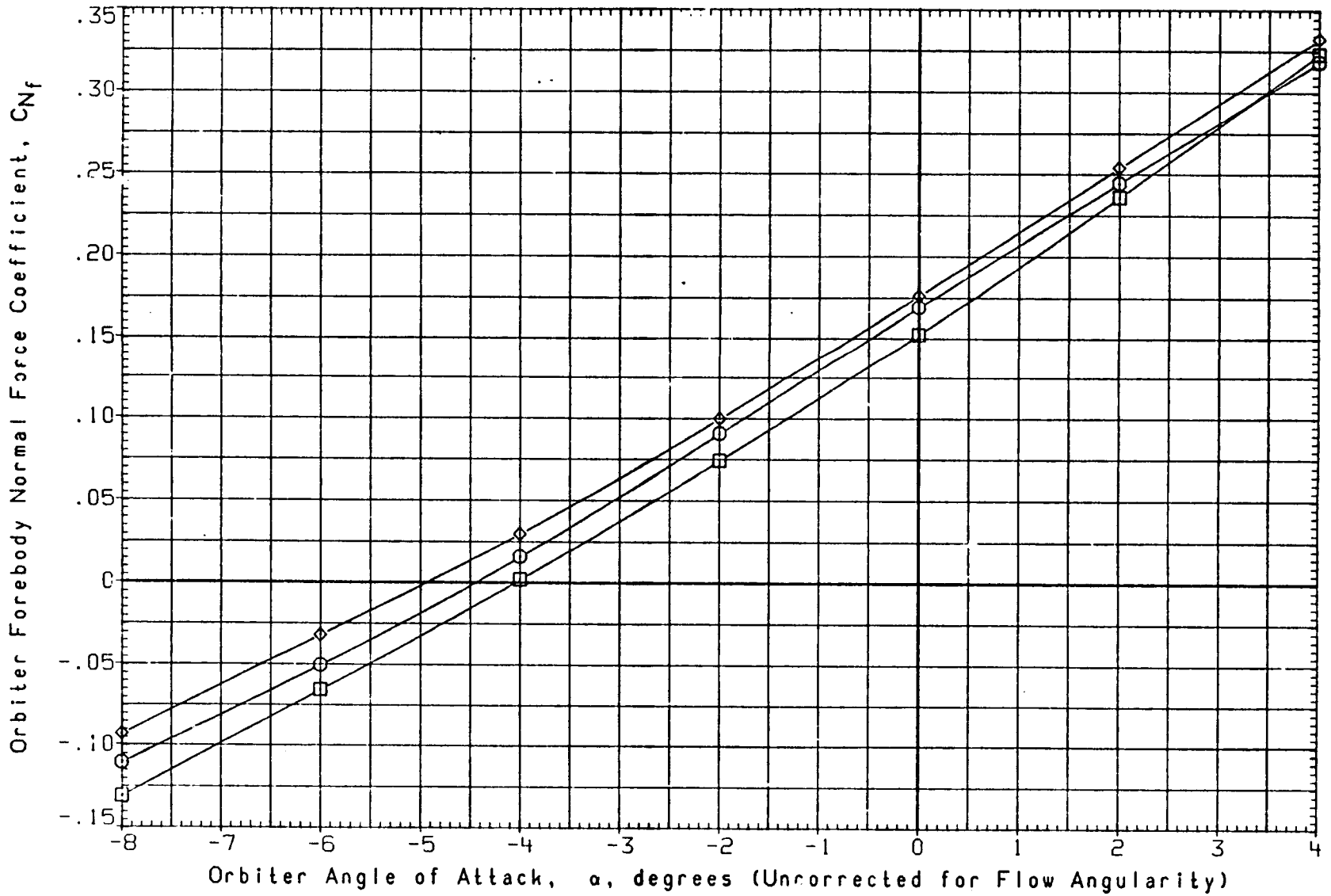


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8O007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	CB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

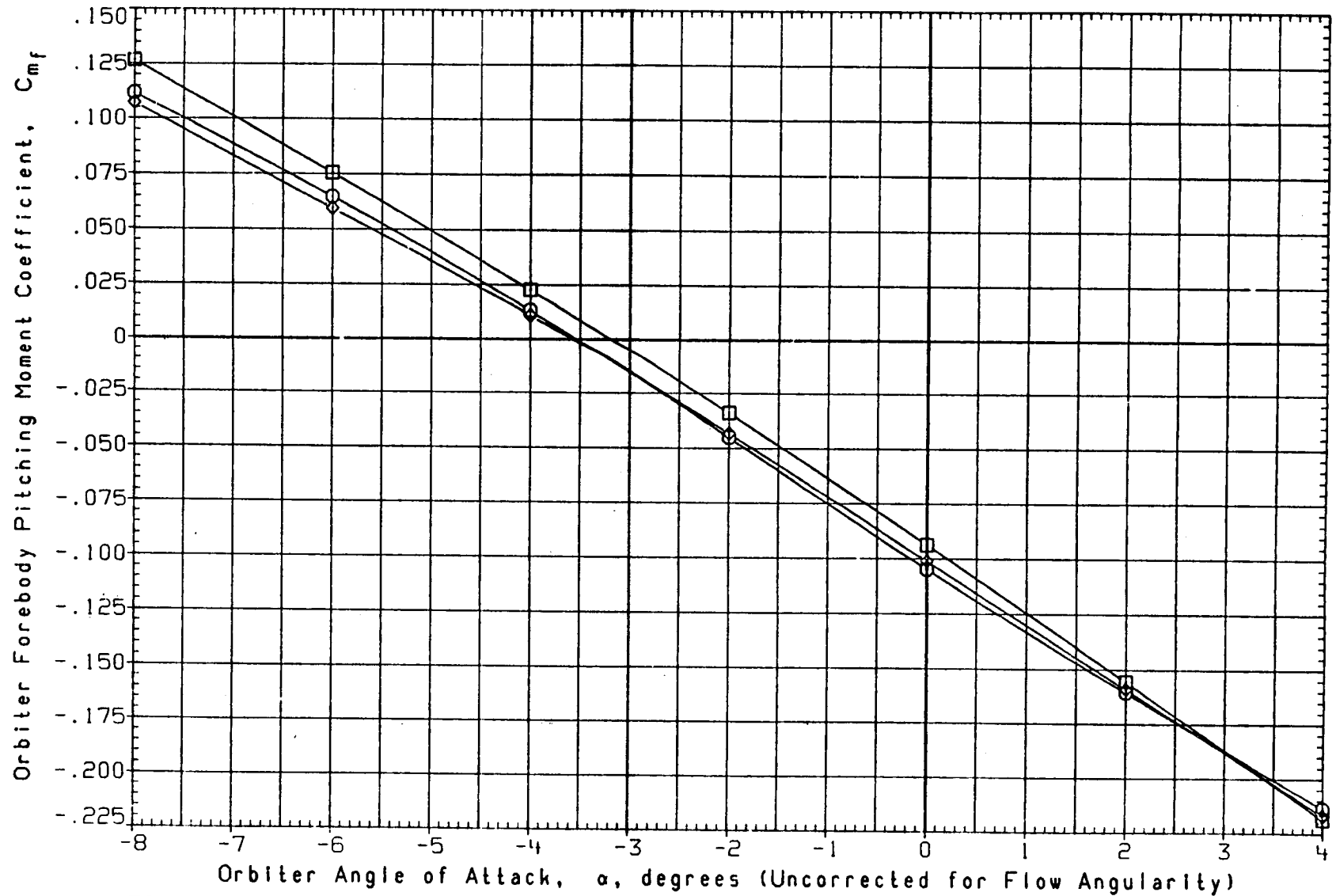


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	CB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA155A,CTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

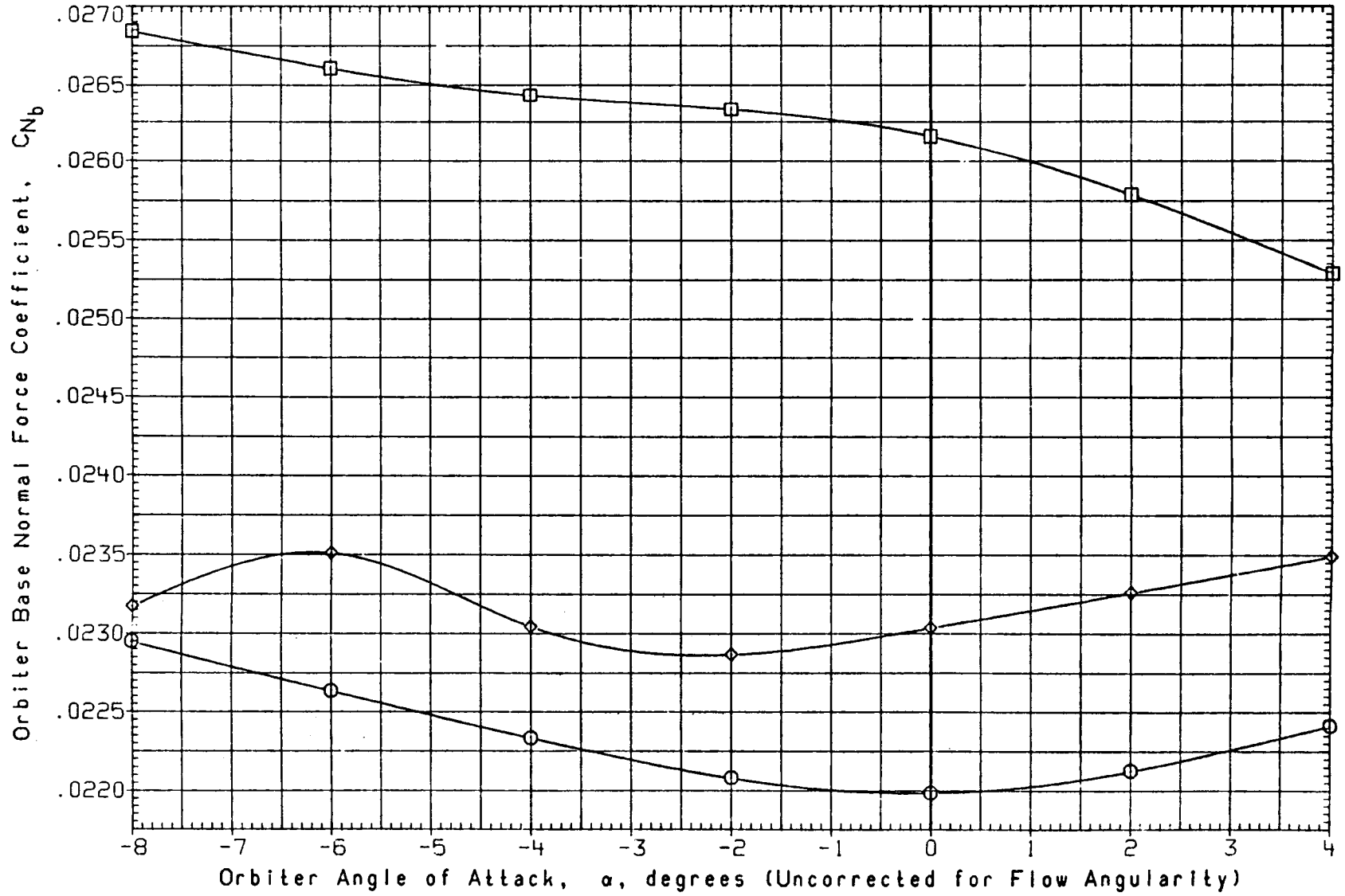


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8D007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

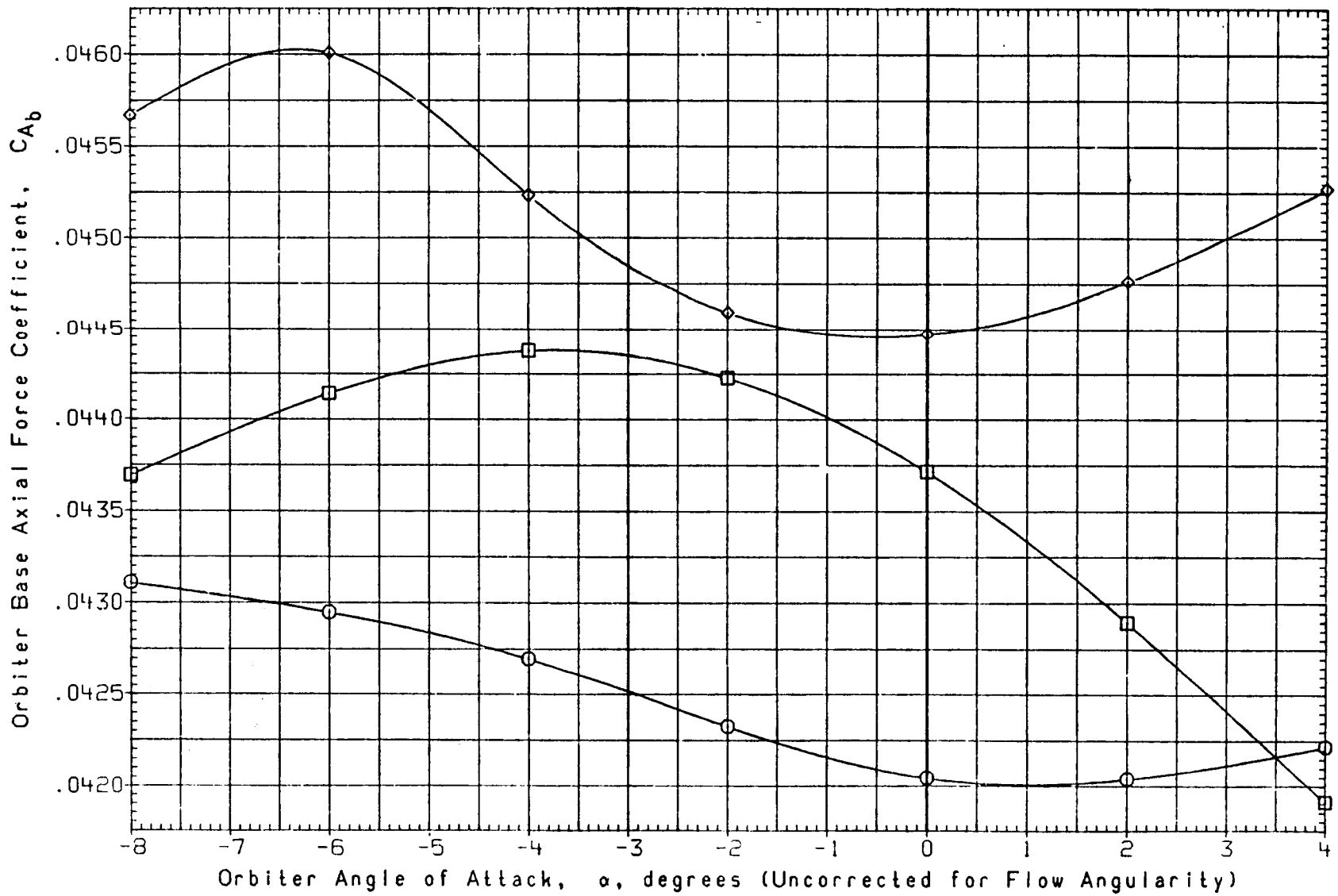


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8C007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

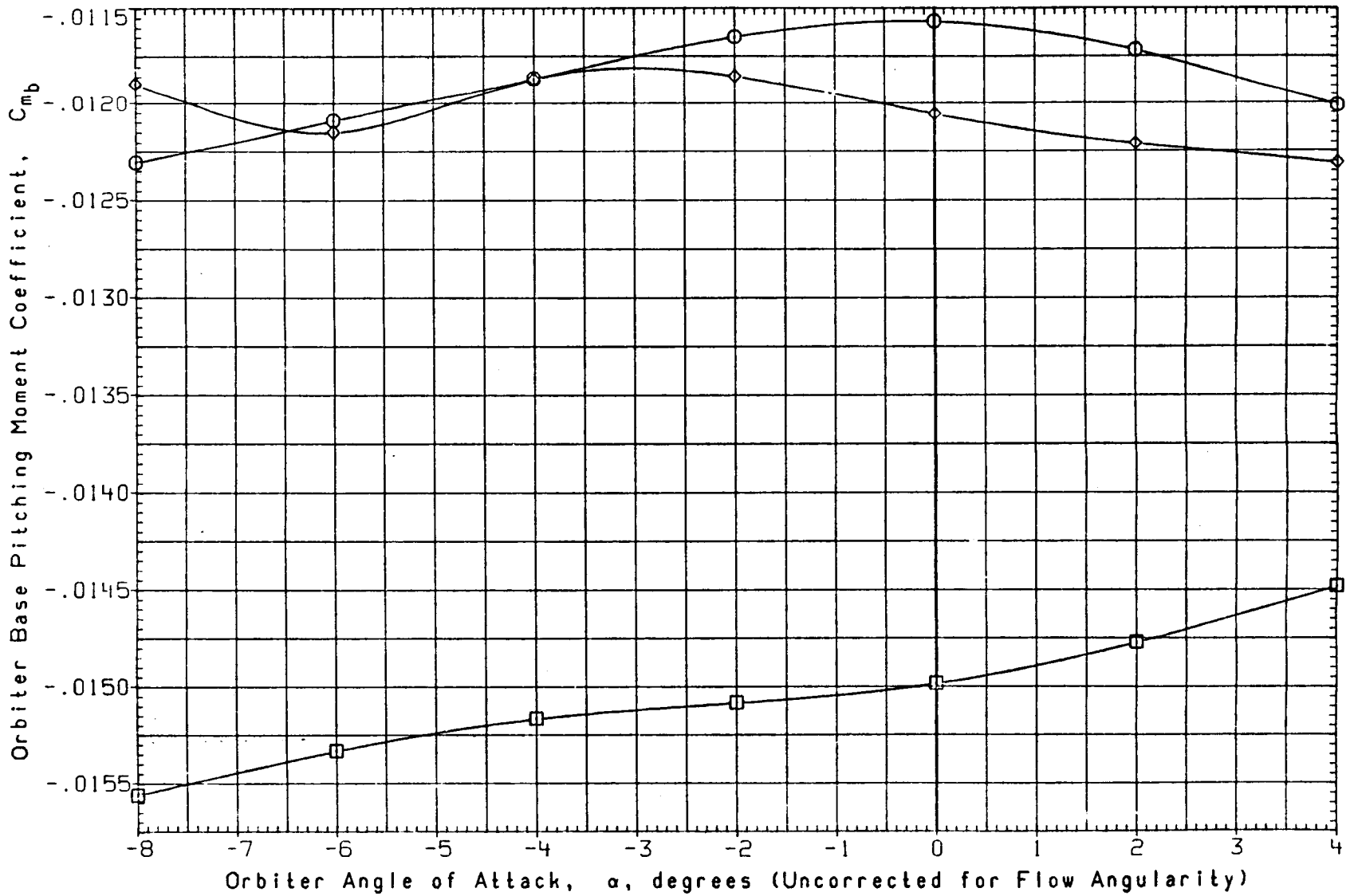


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MC44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

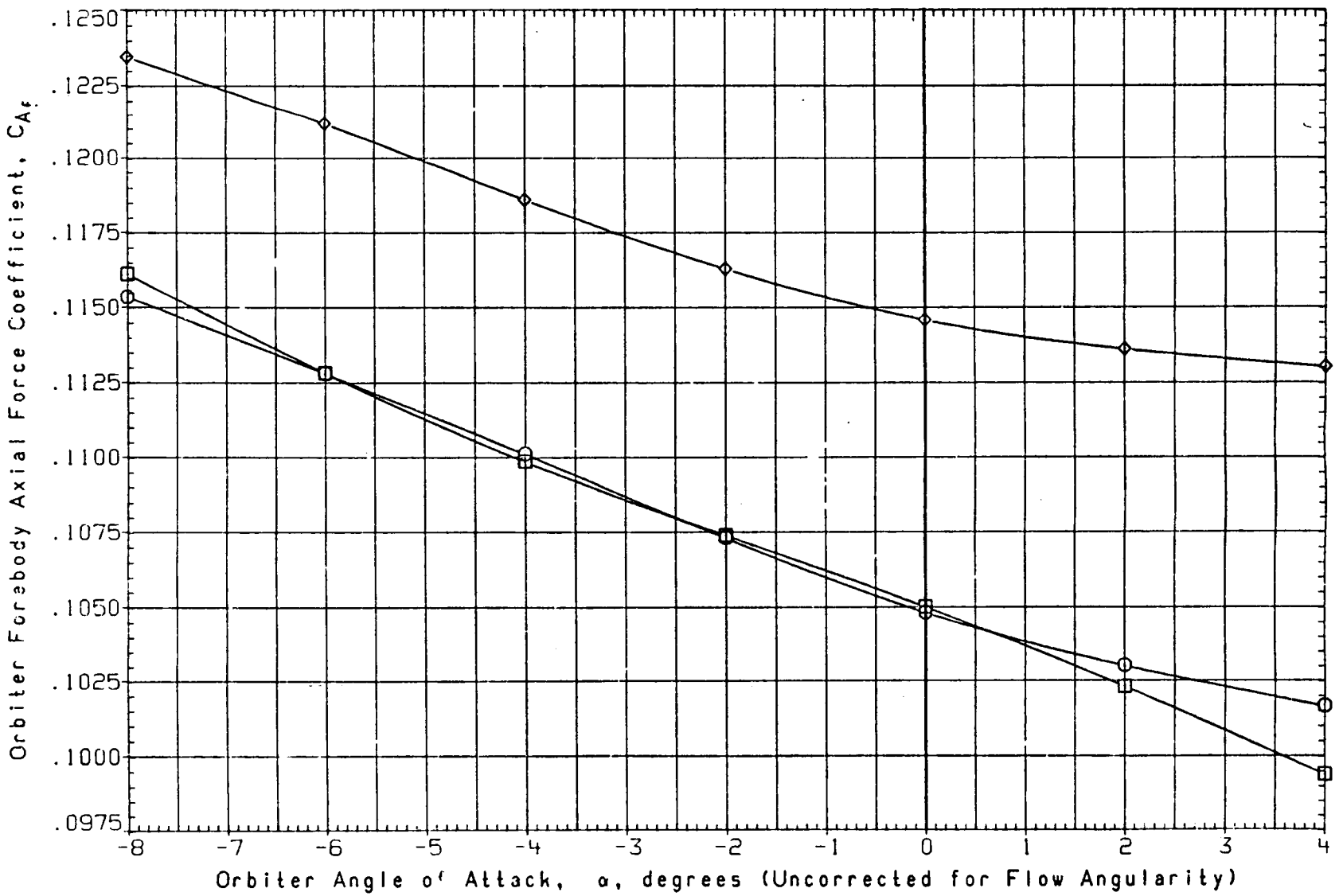


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

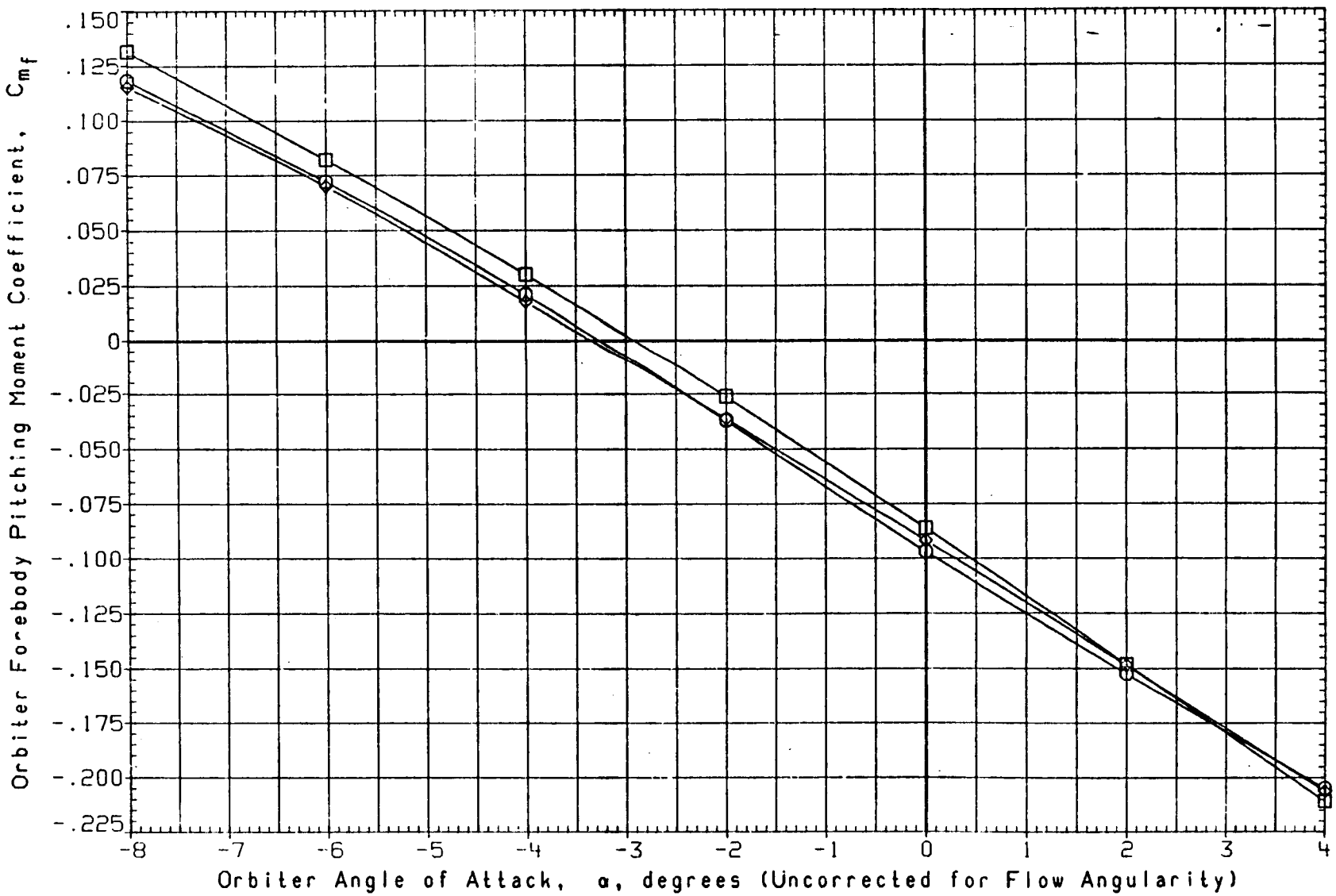


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MC44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

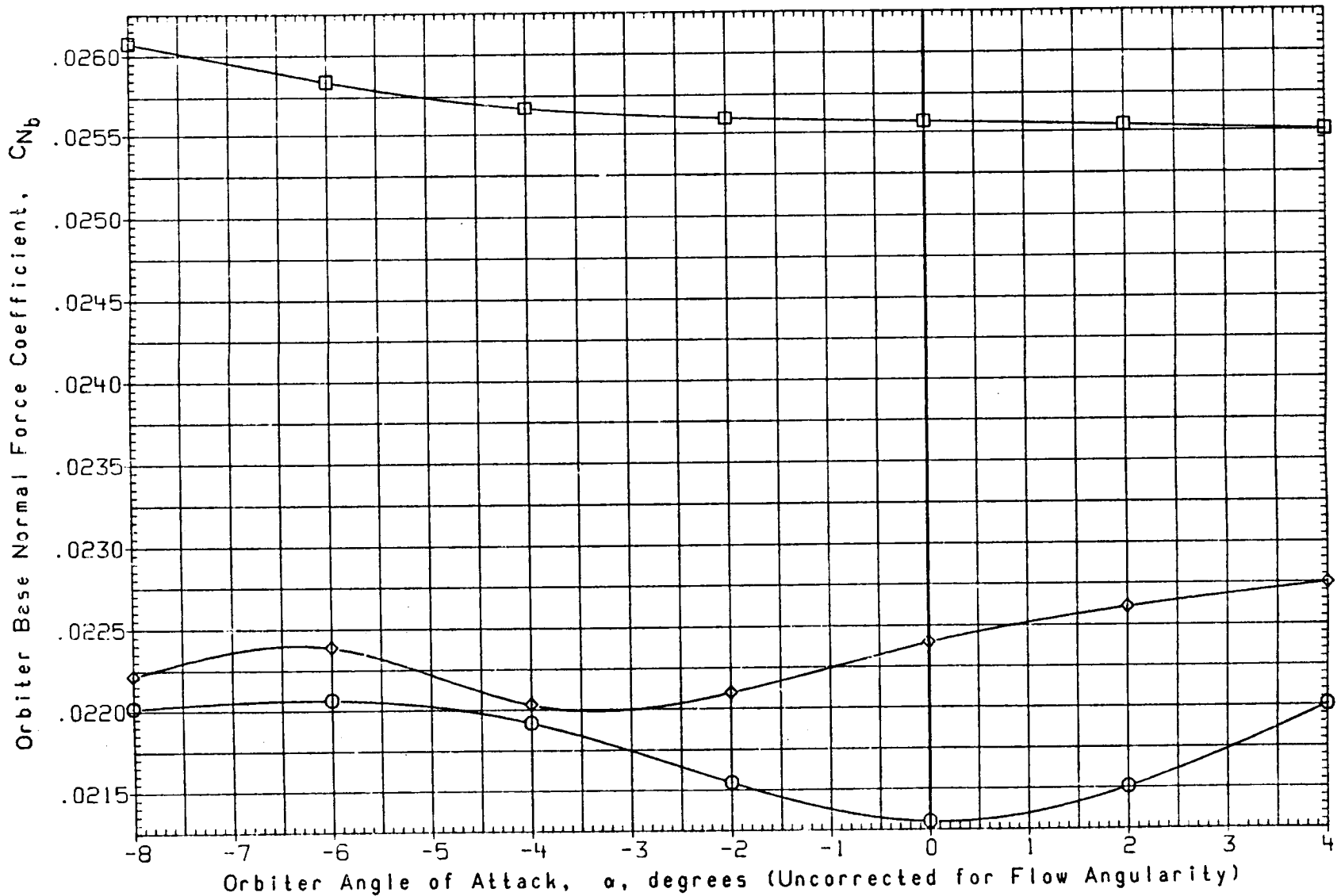


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

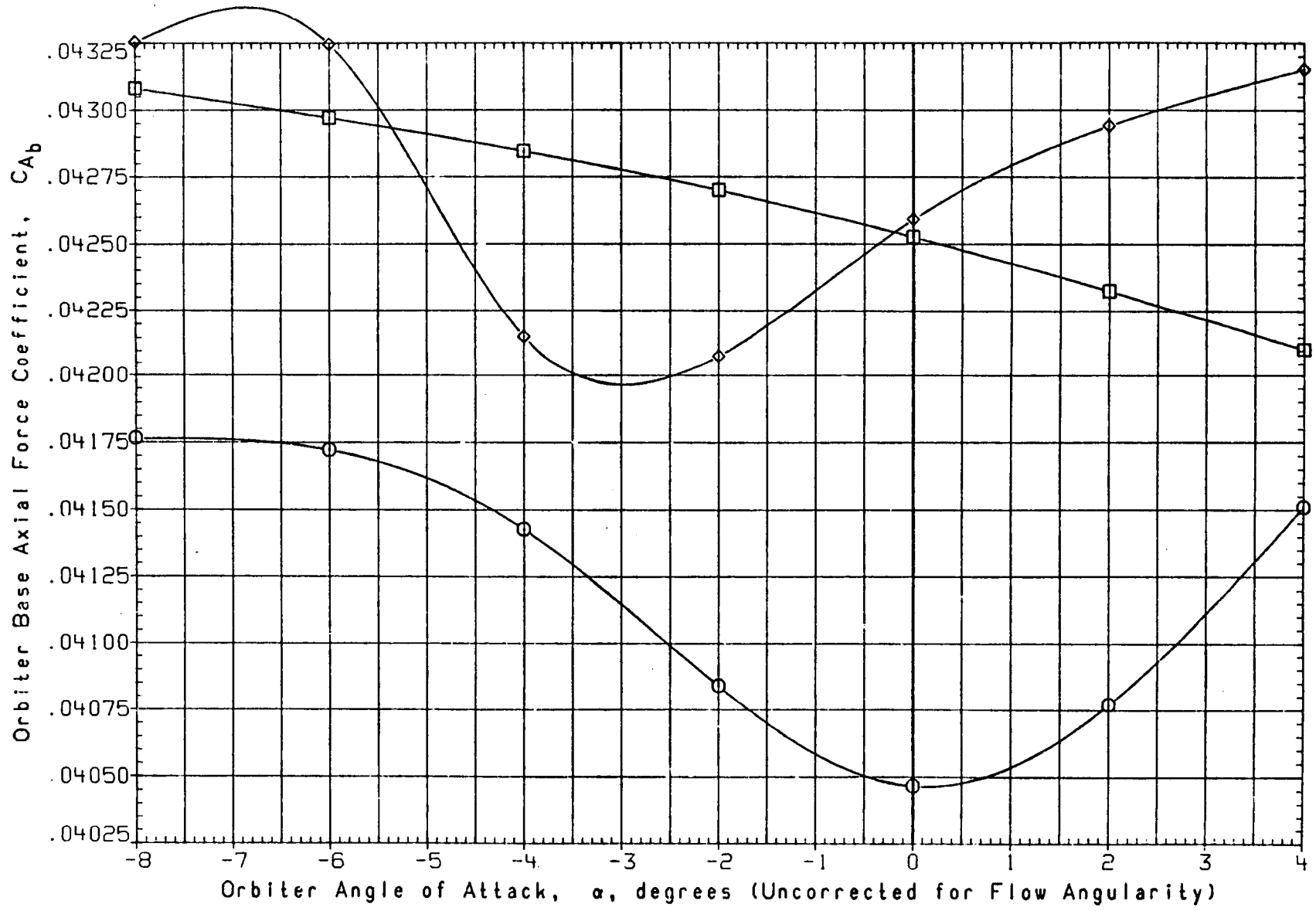


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

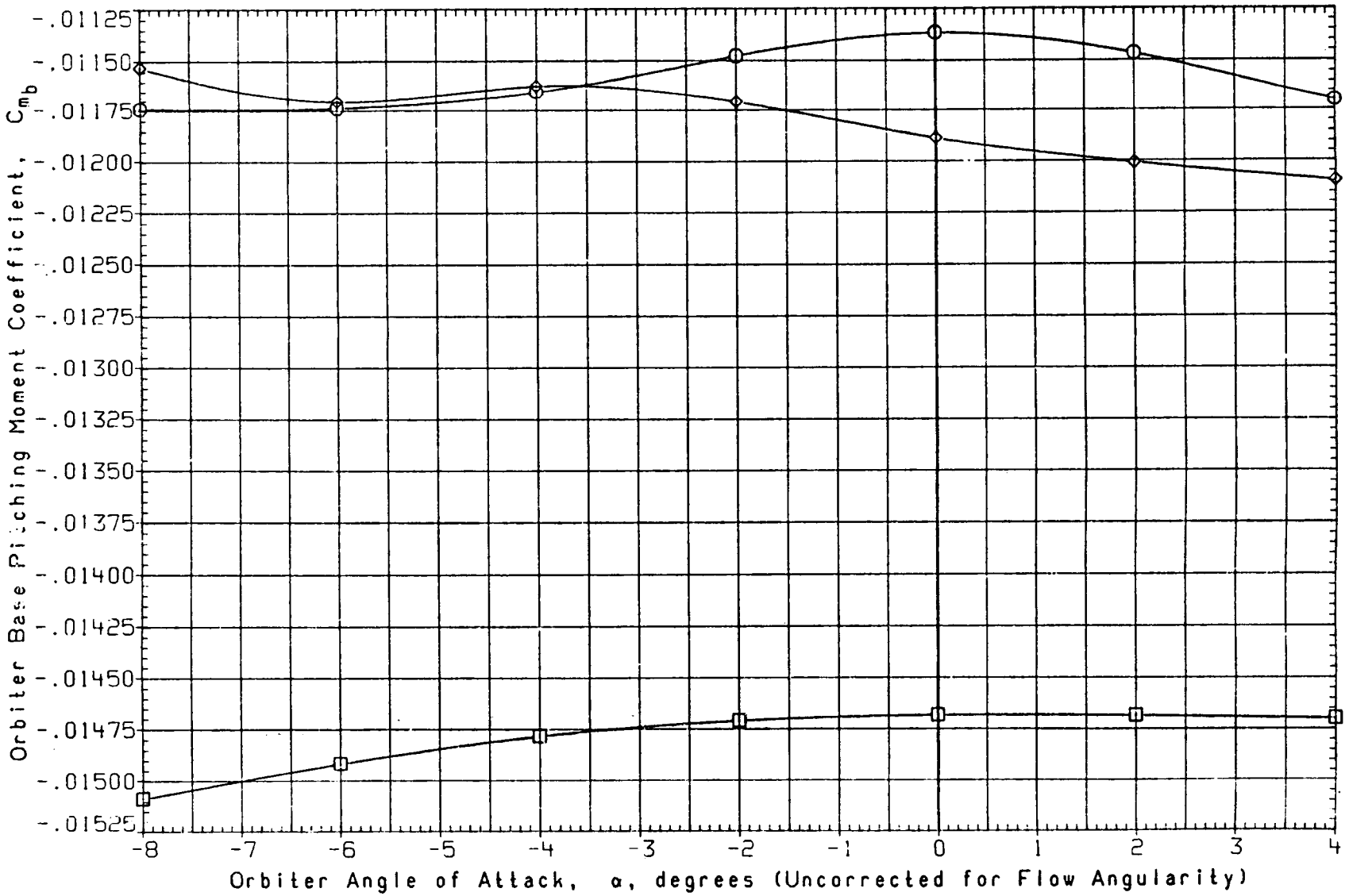


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8C007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MC44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

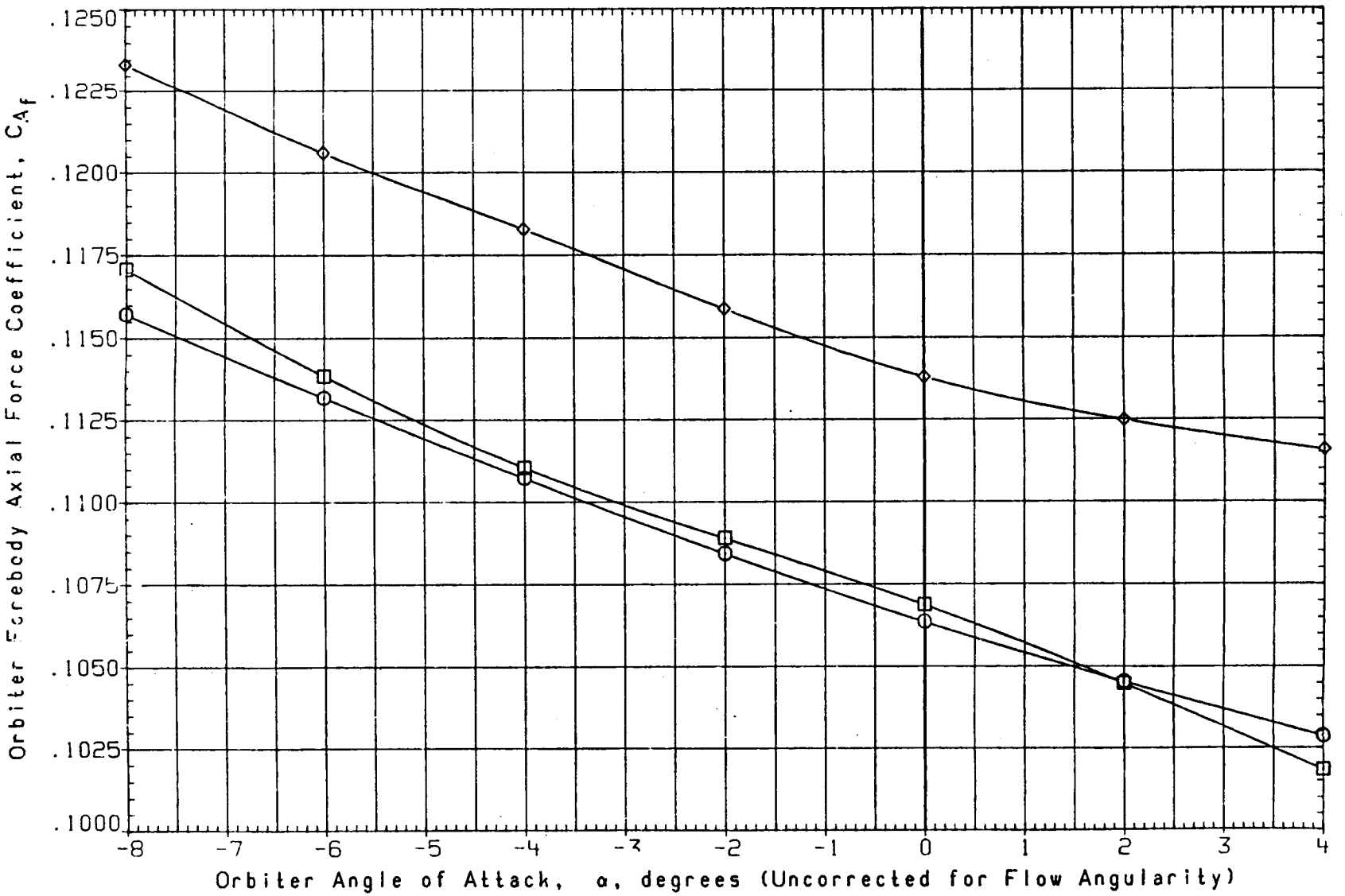


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

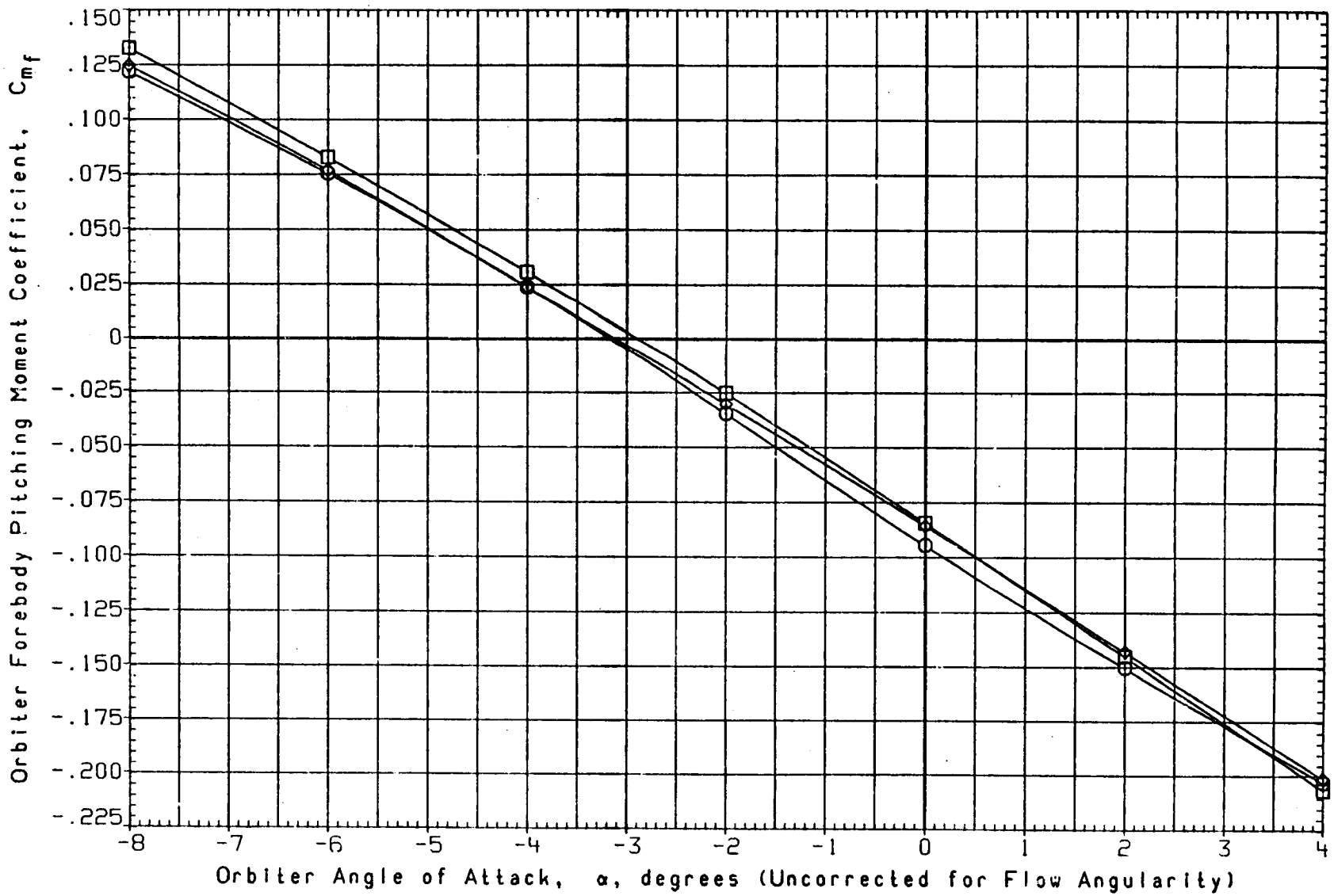


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

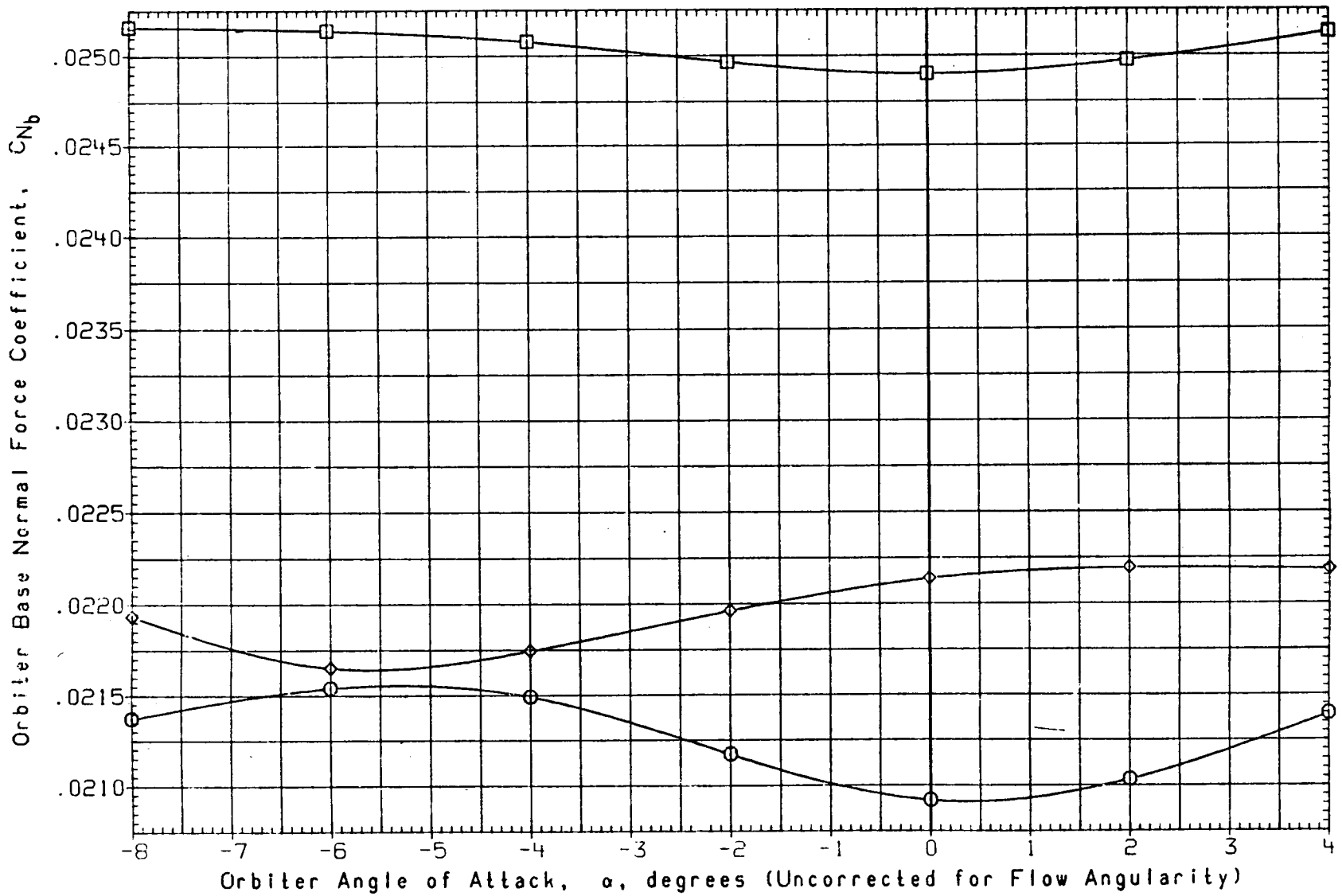


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OC07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MO44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NO51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

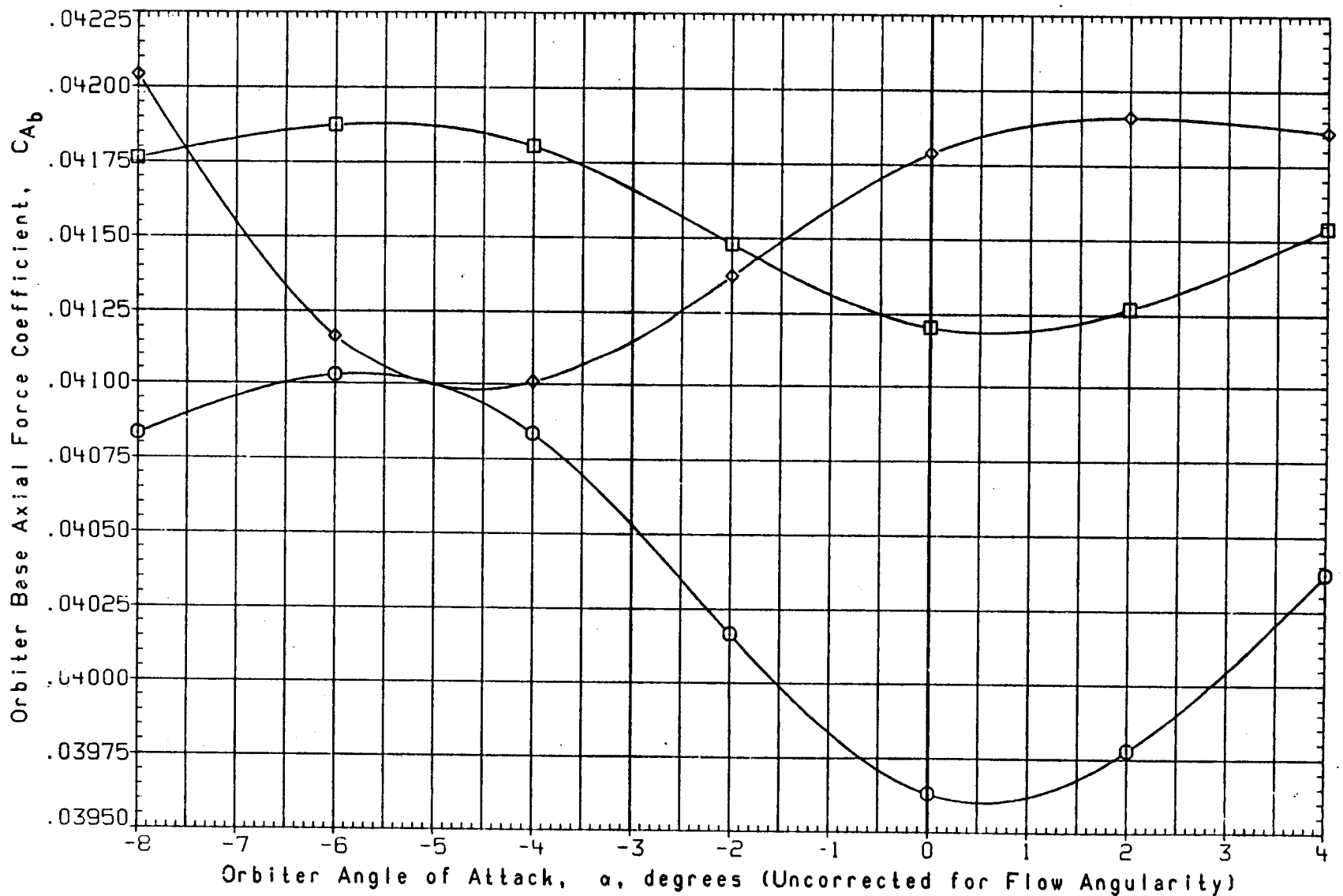


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA:82 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA:05A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA:56A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

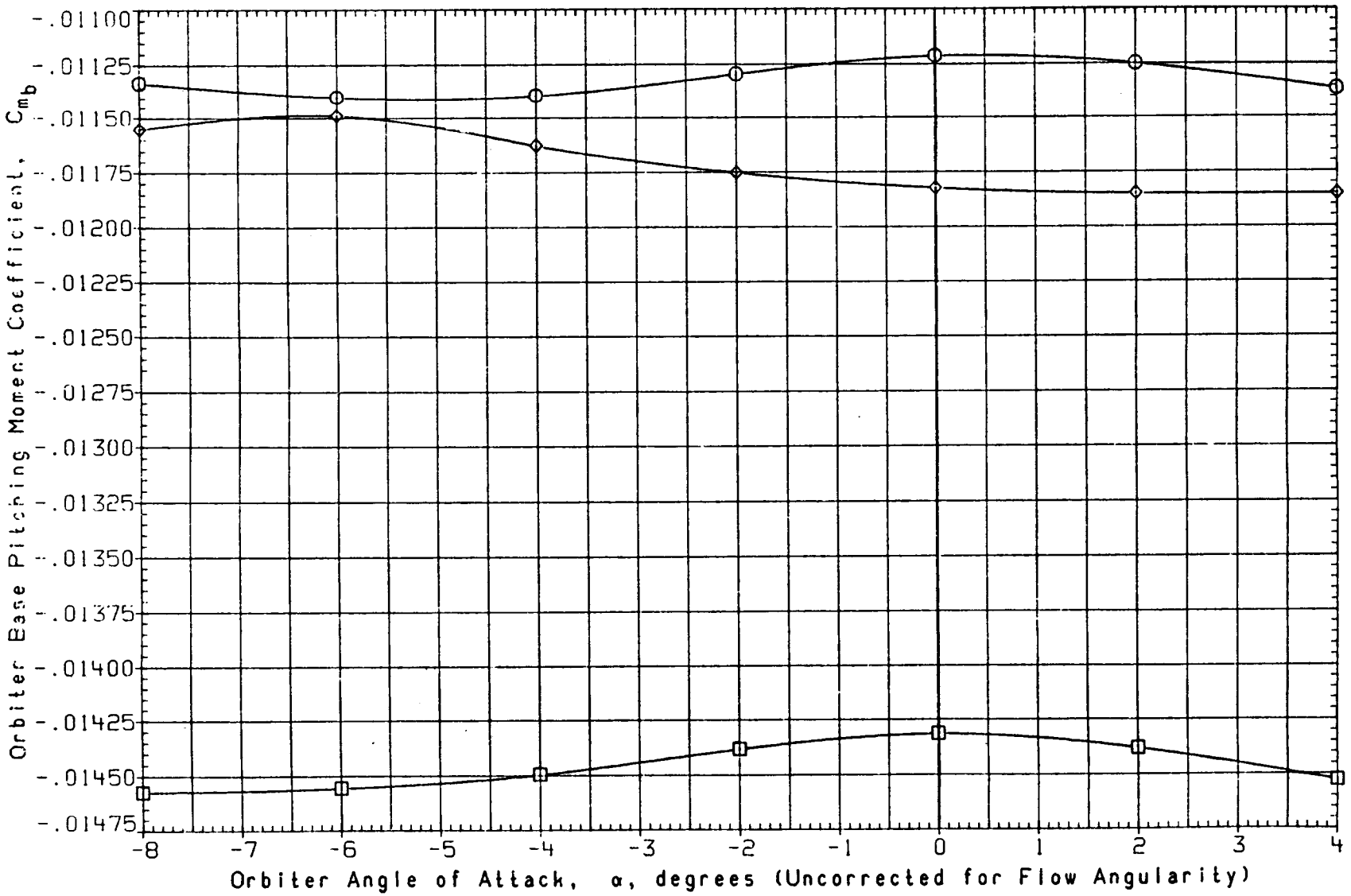


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

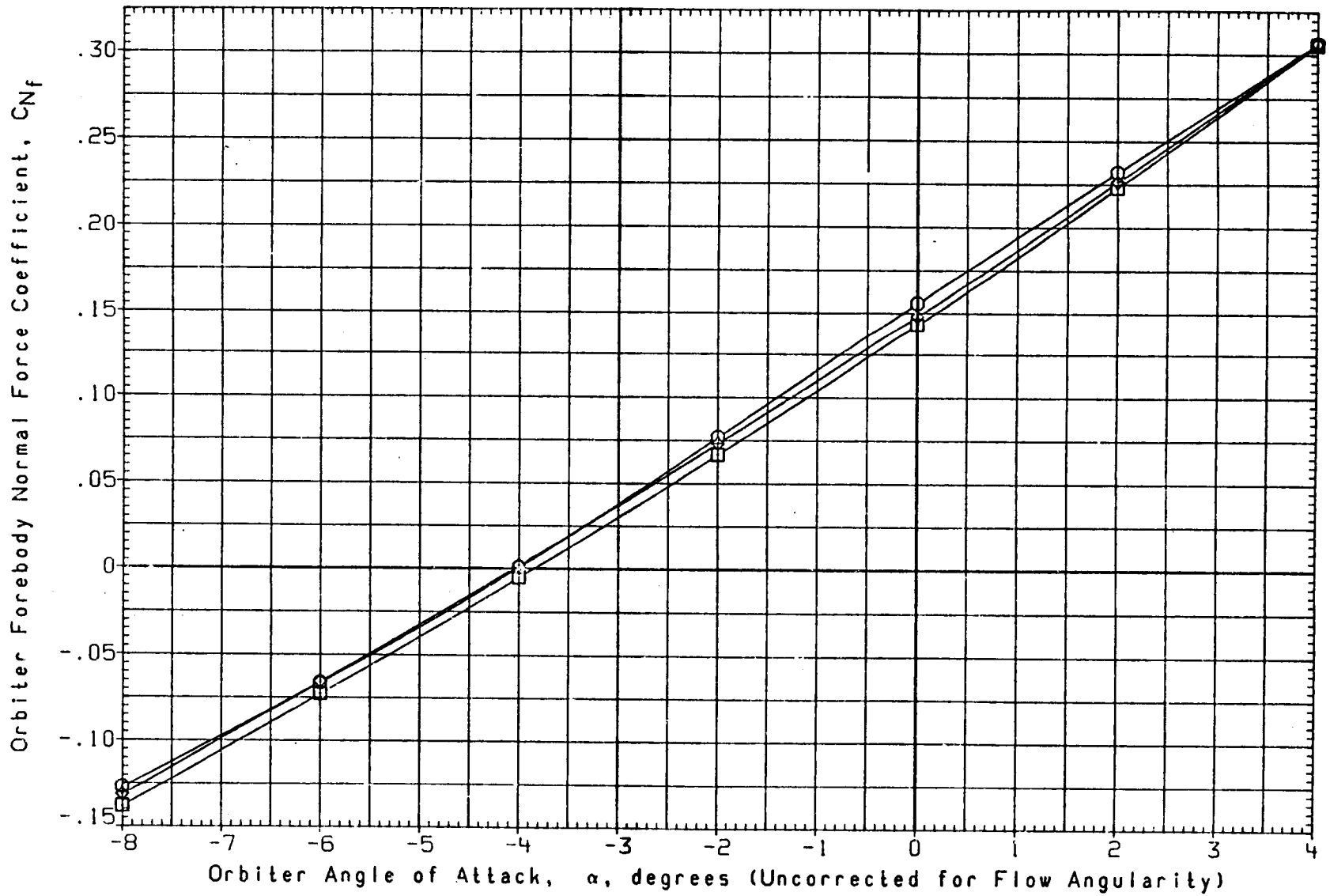


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8O007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

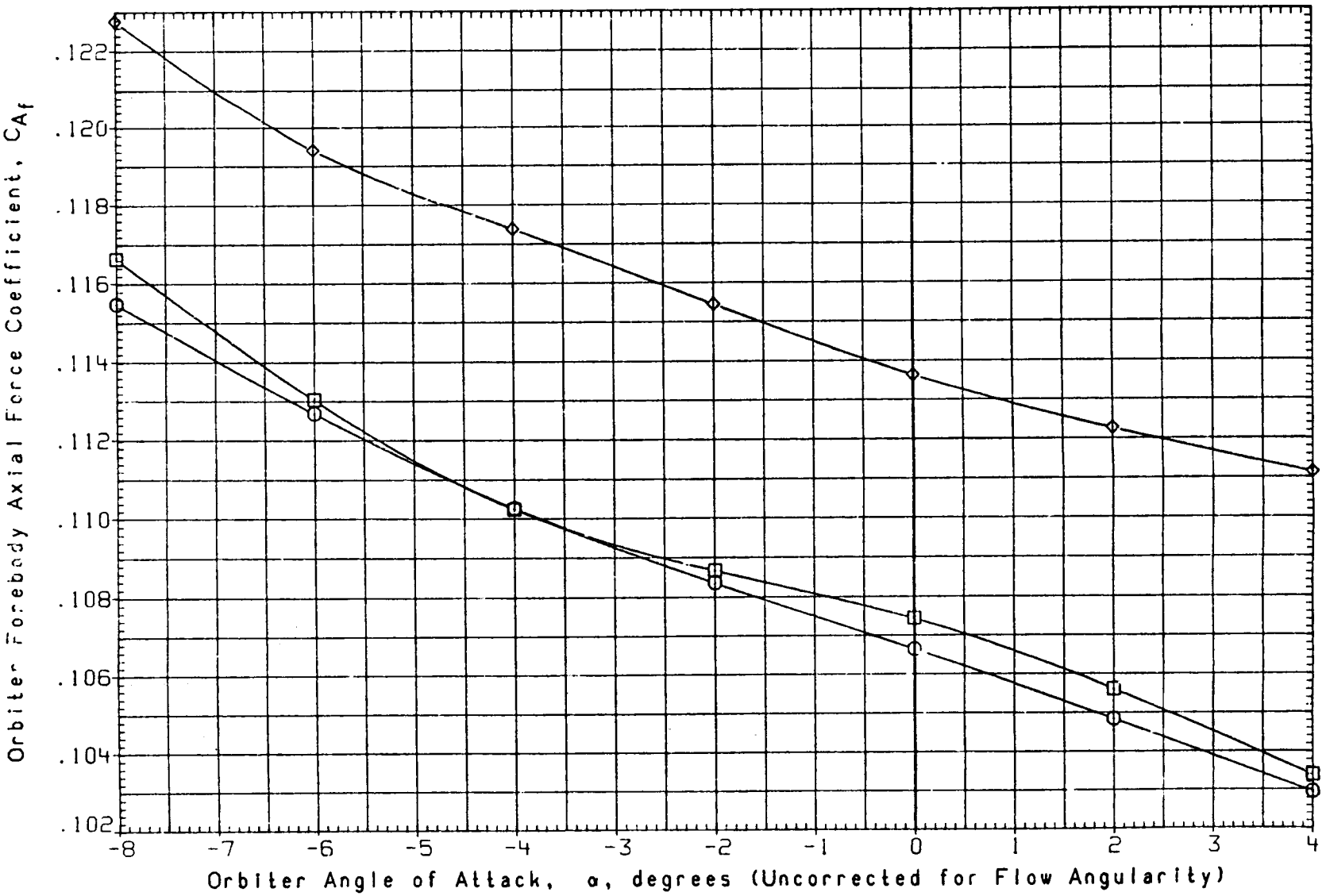


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

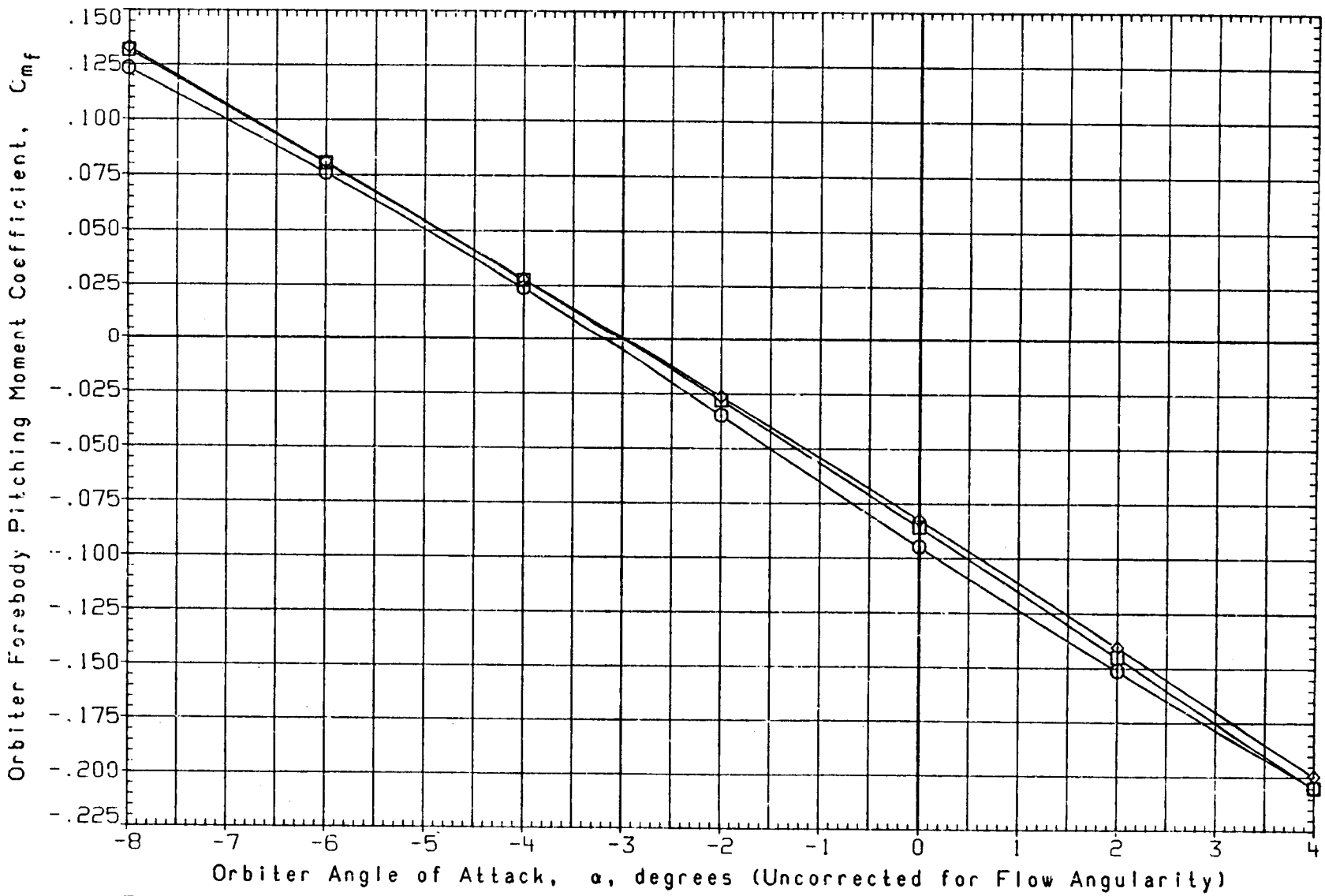


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8C007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

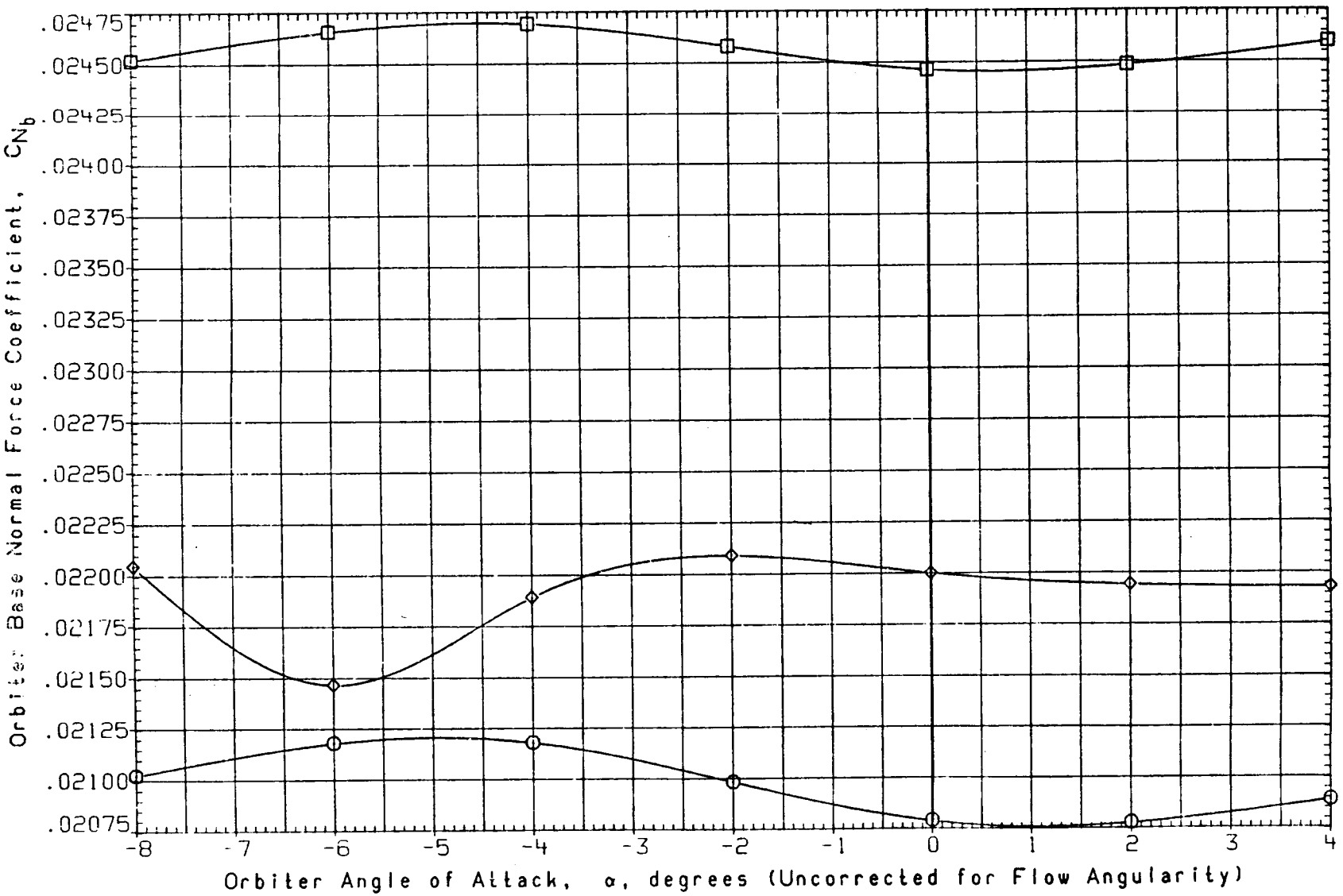


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

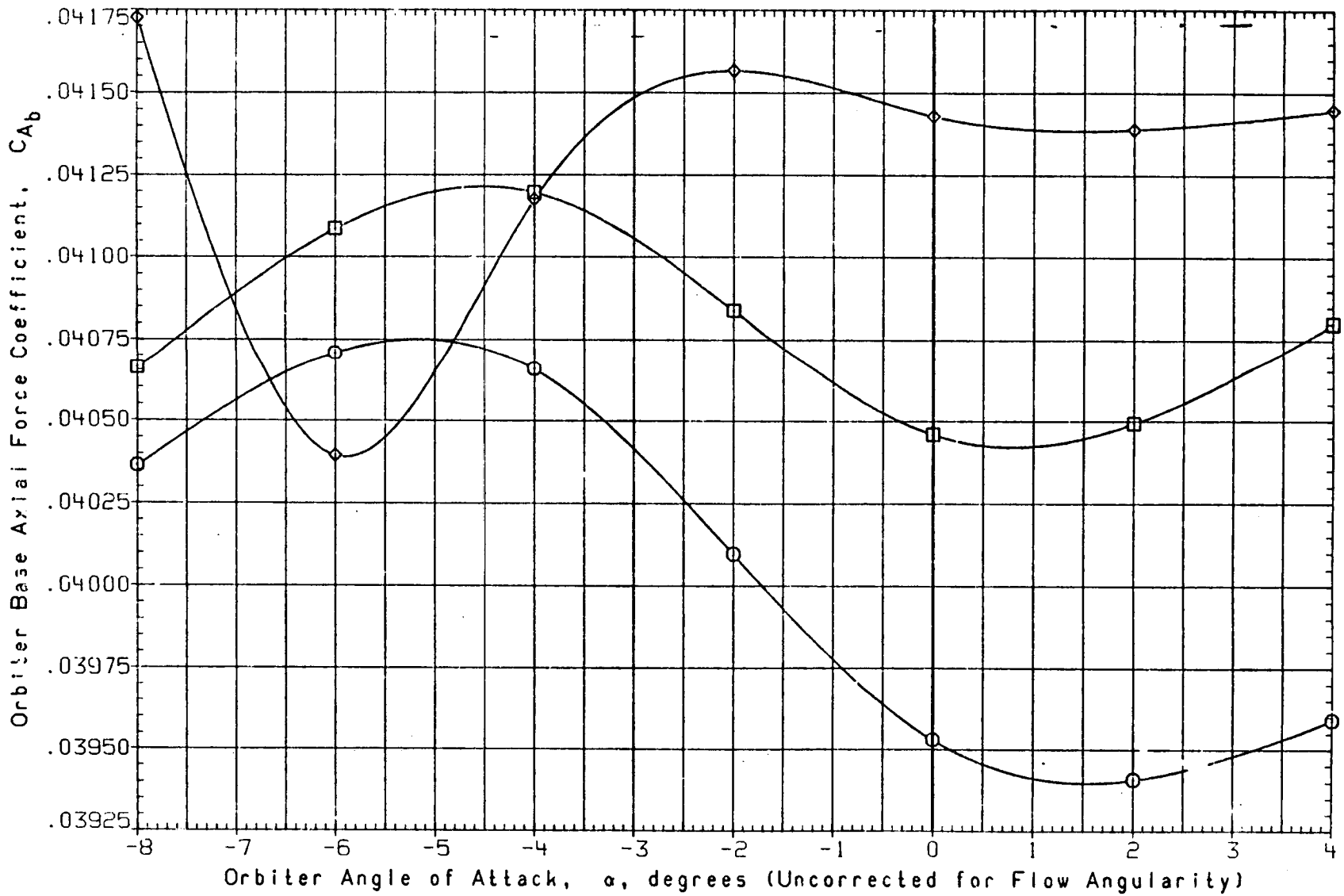


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA192 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

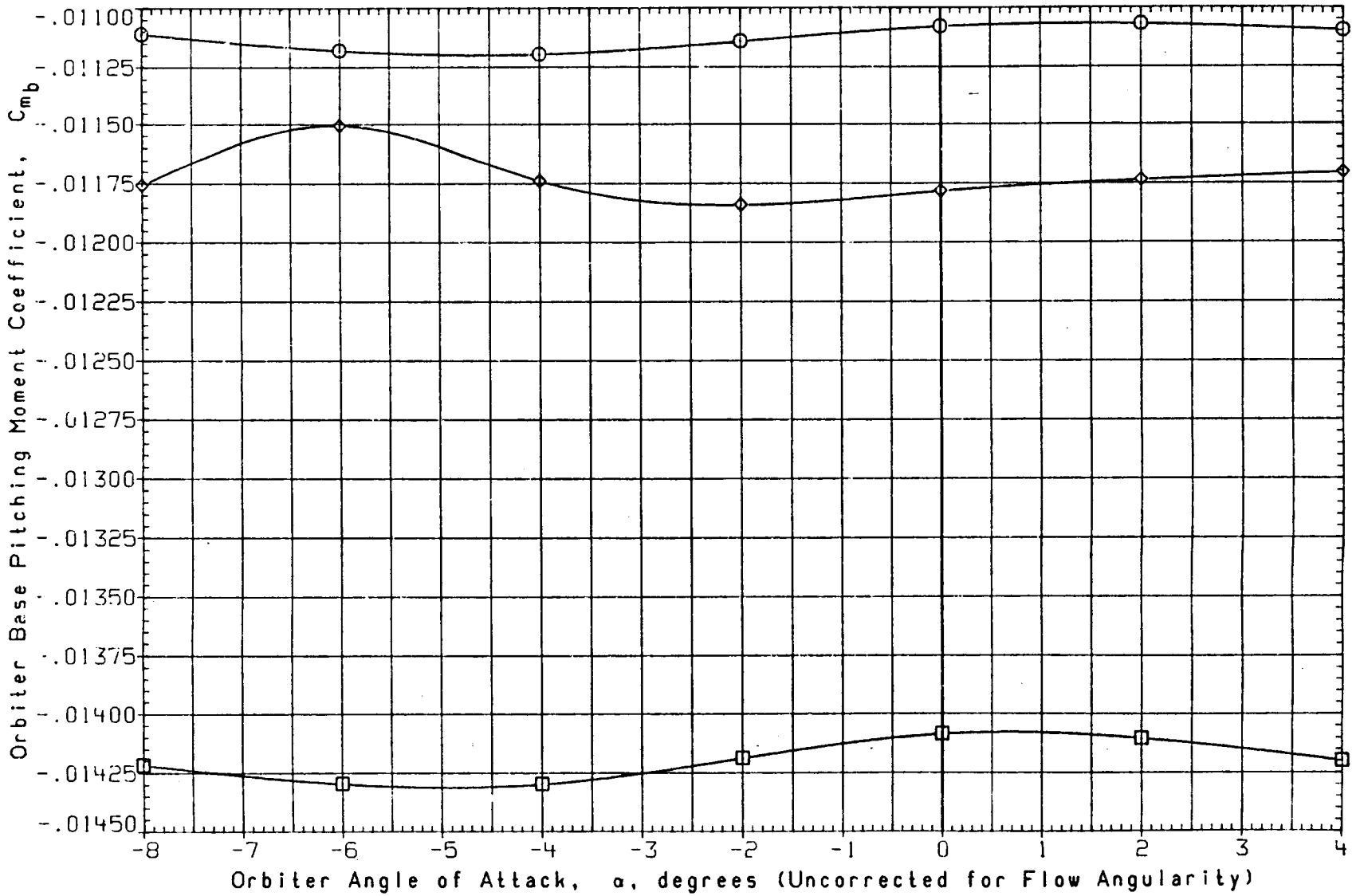


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

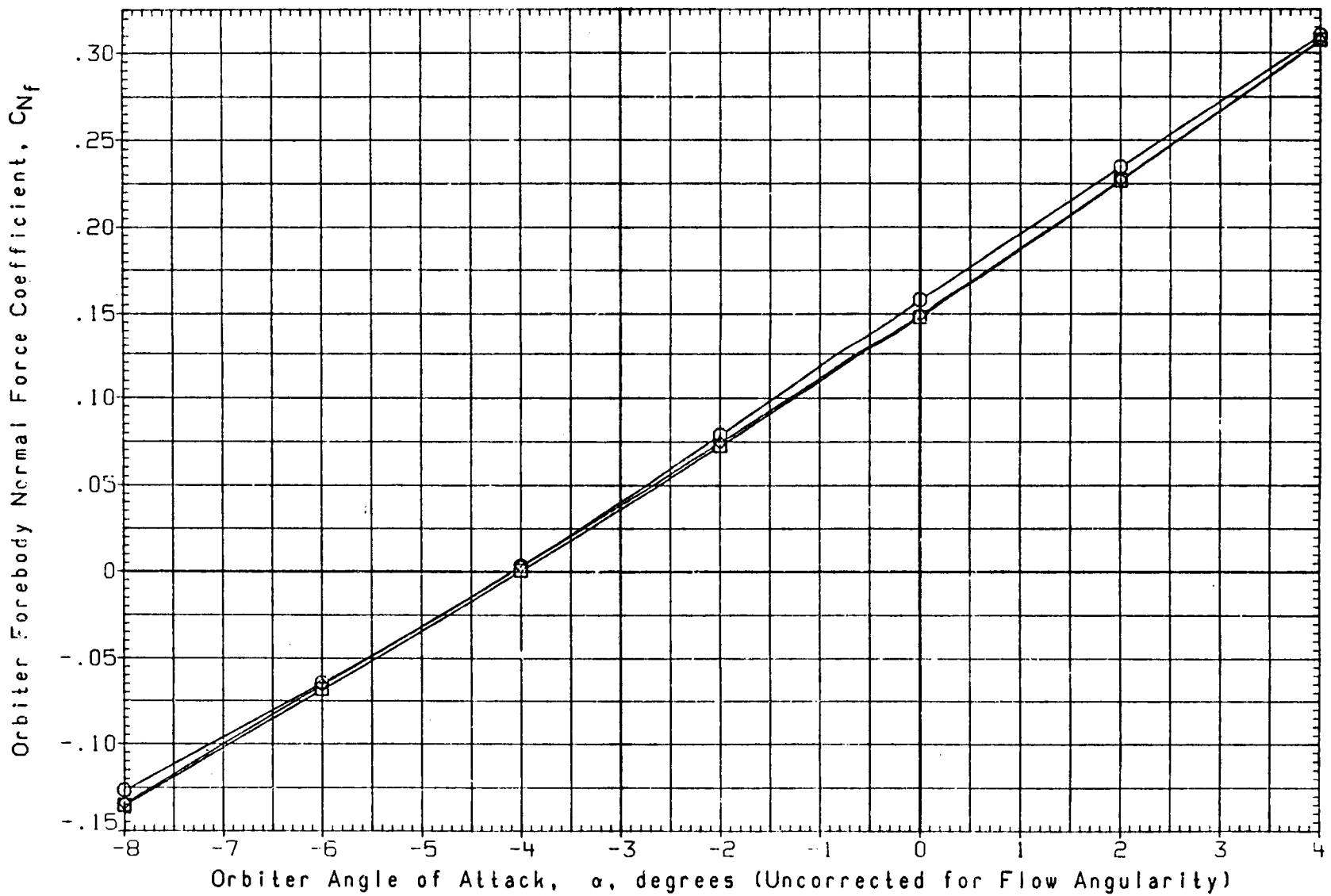


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

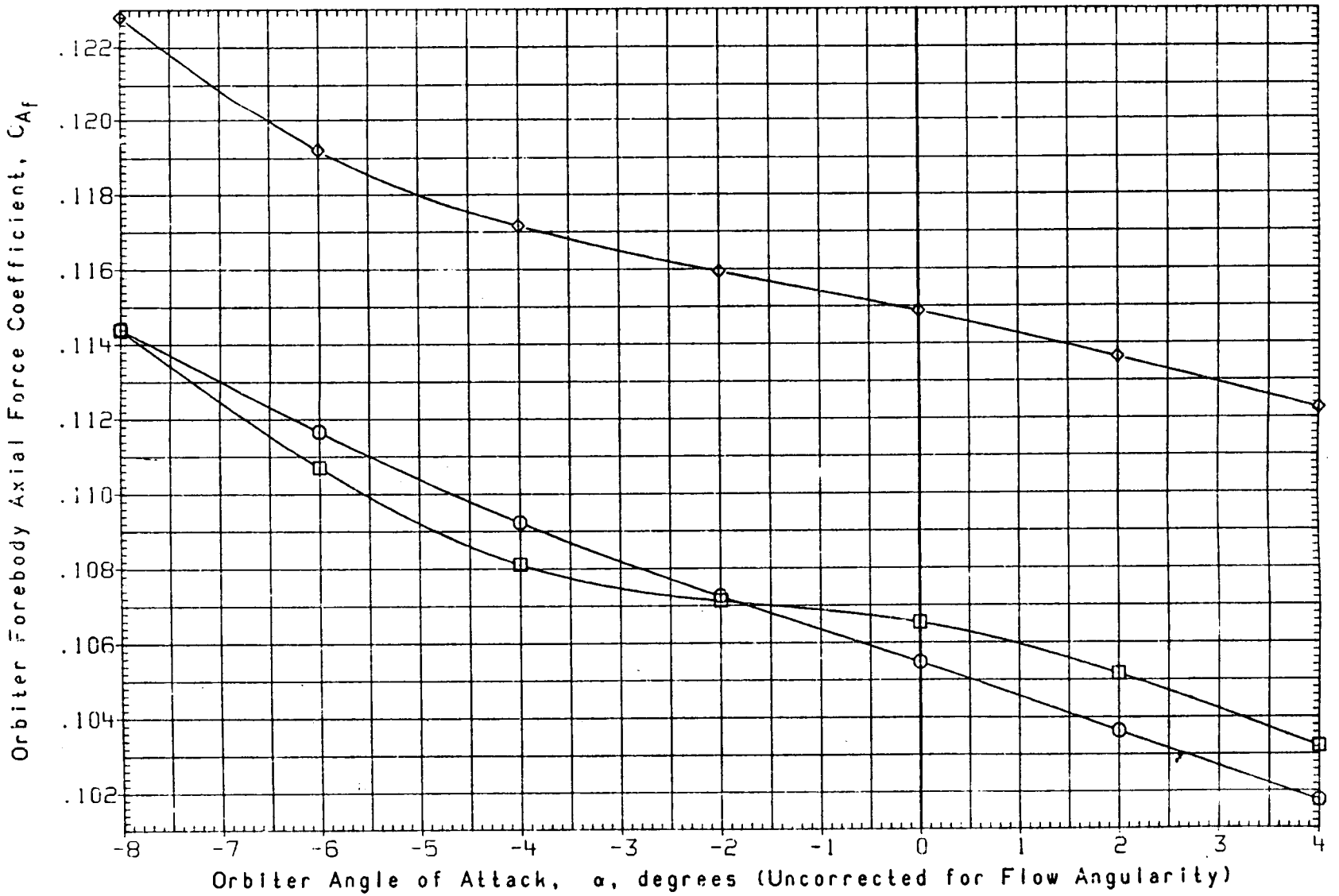


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

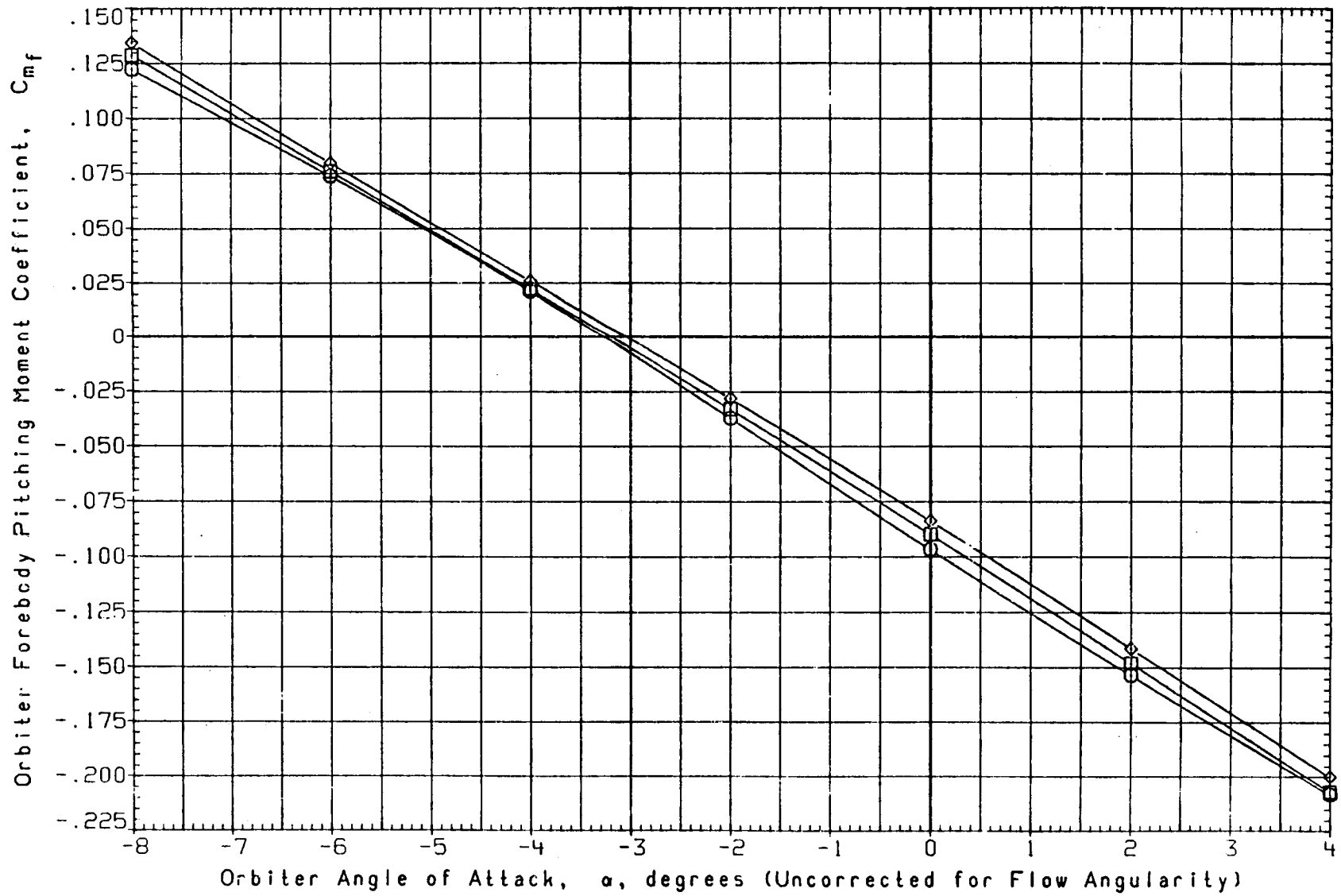


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

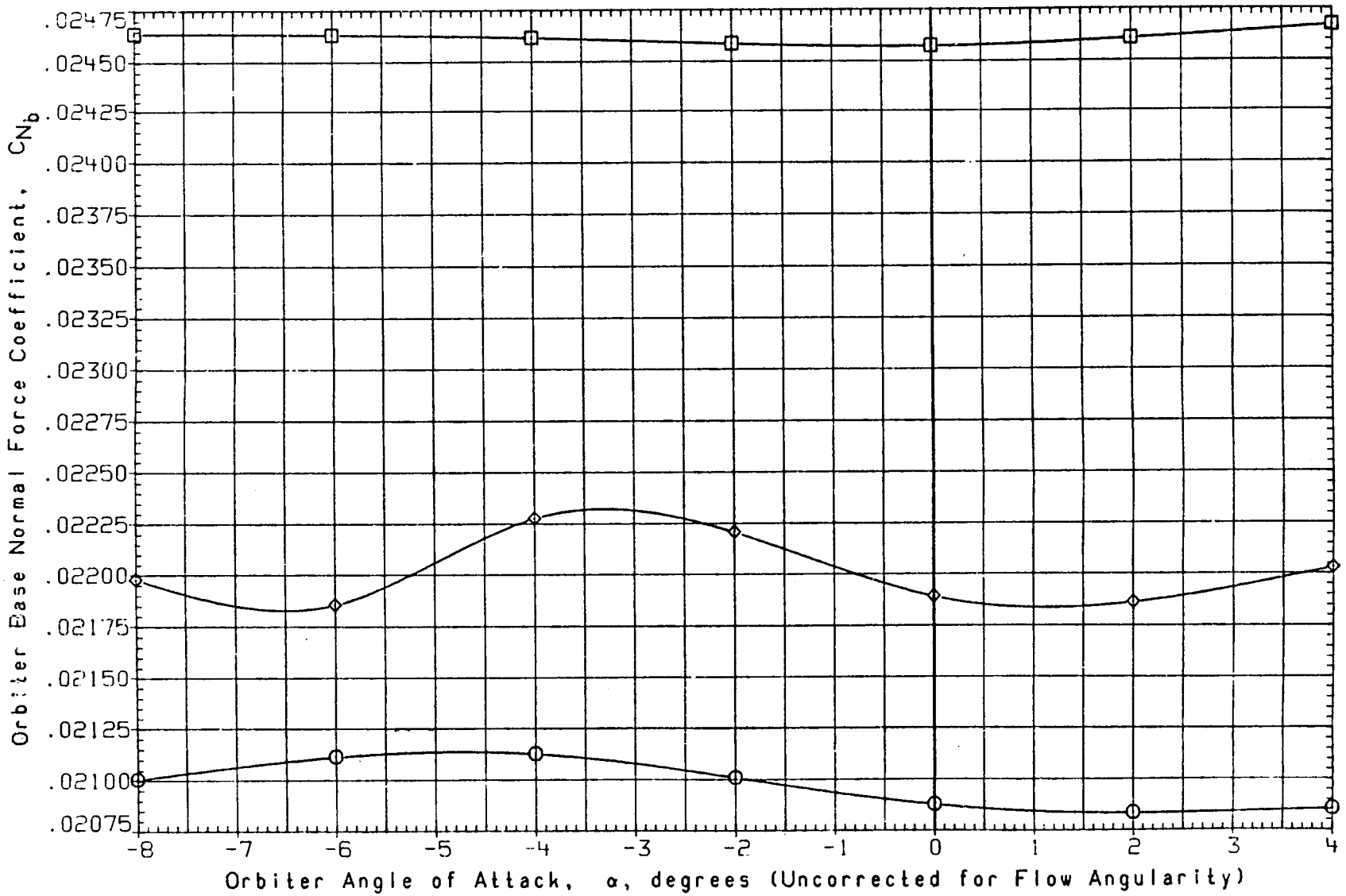


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

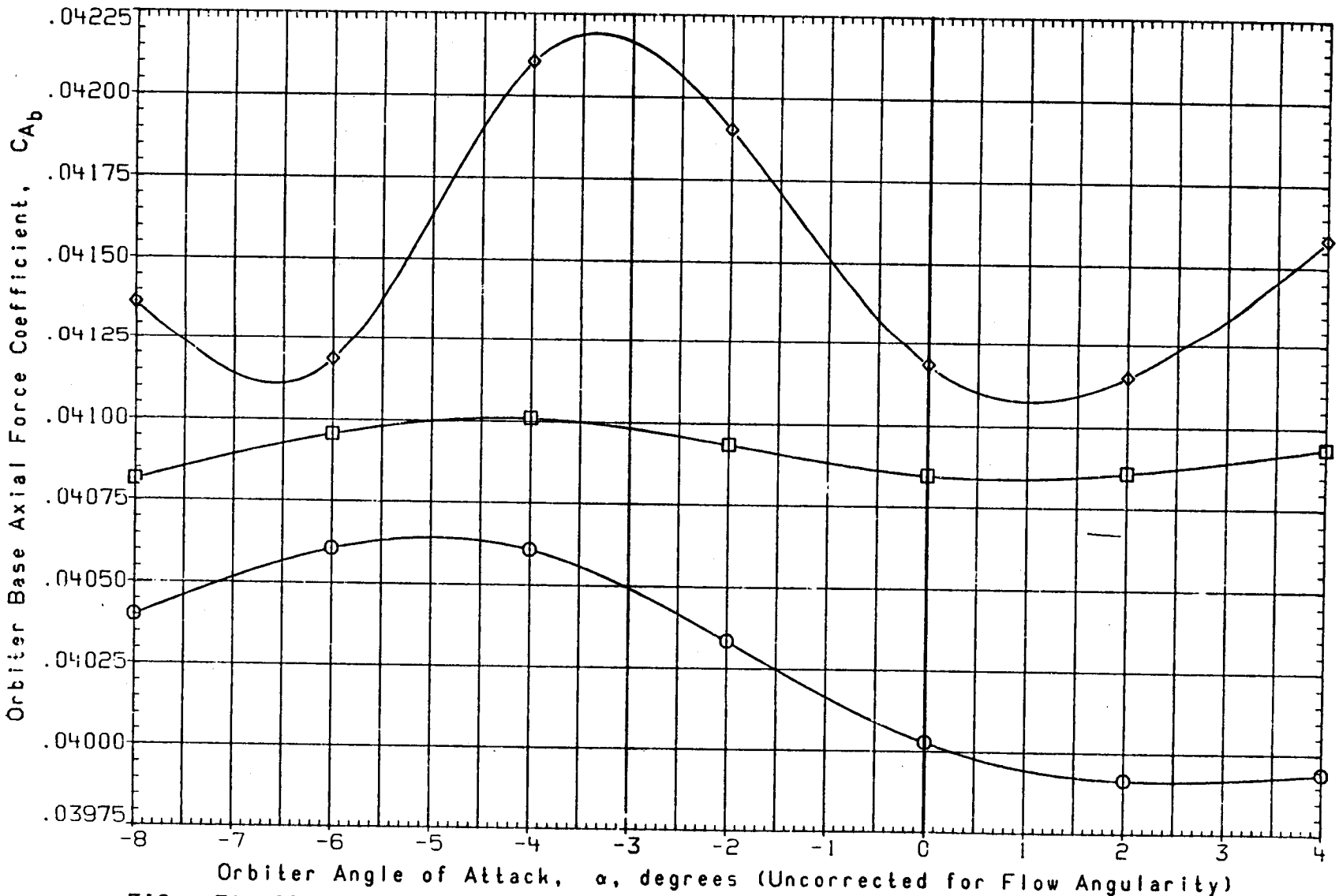


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8O00T	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

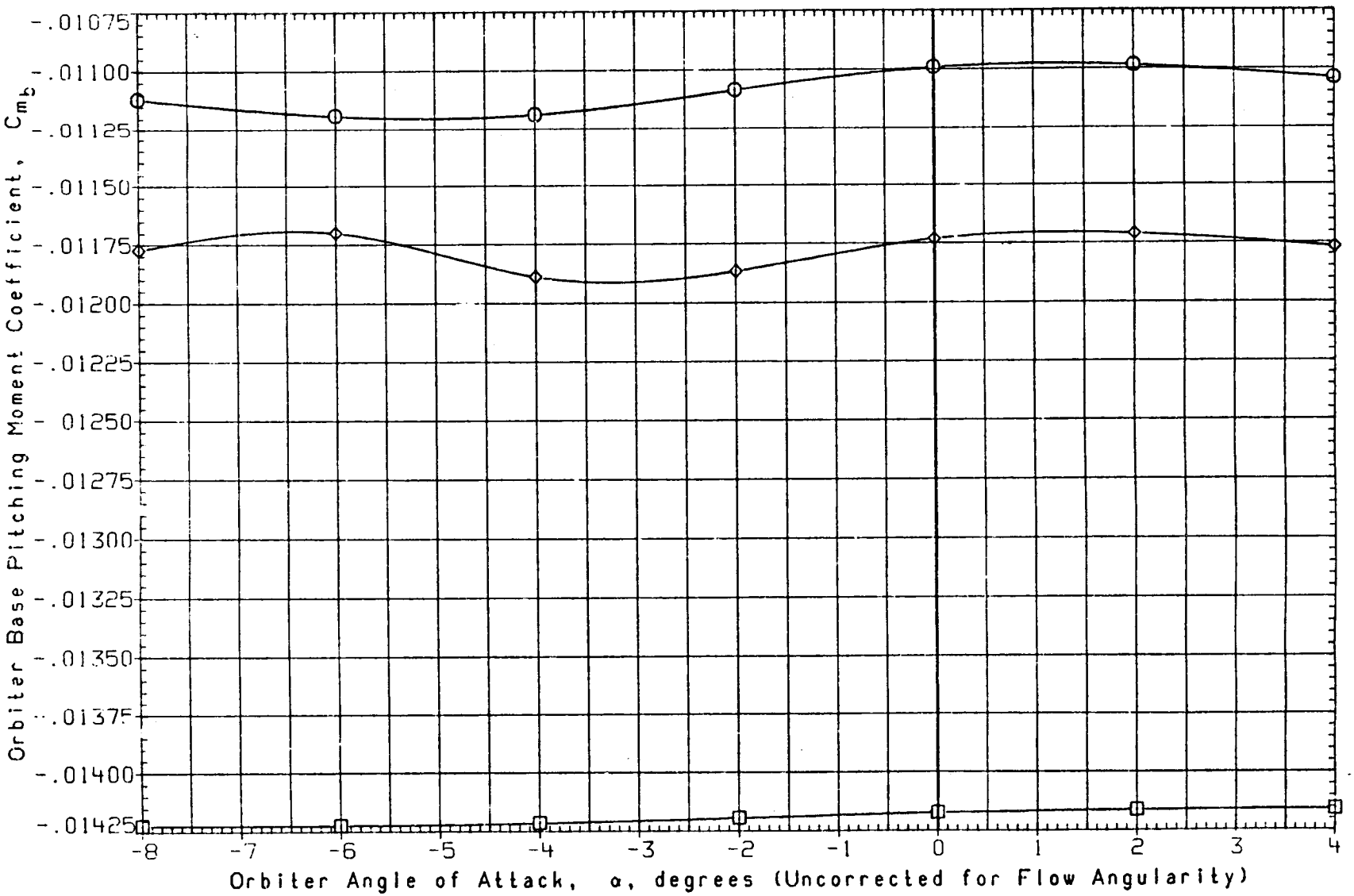


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

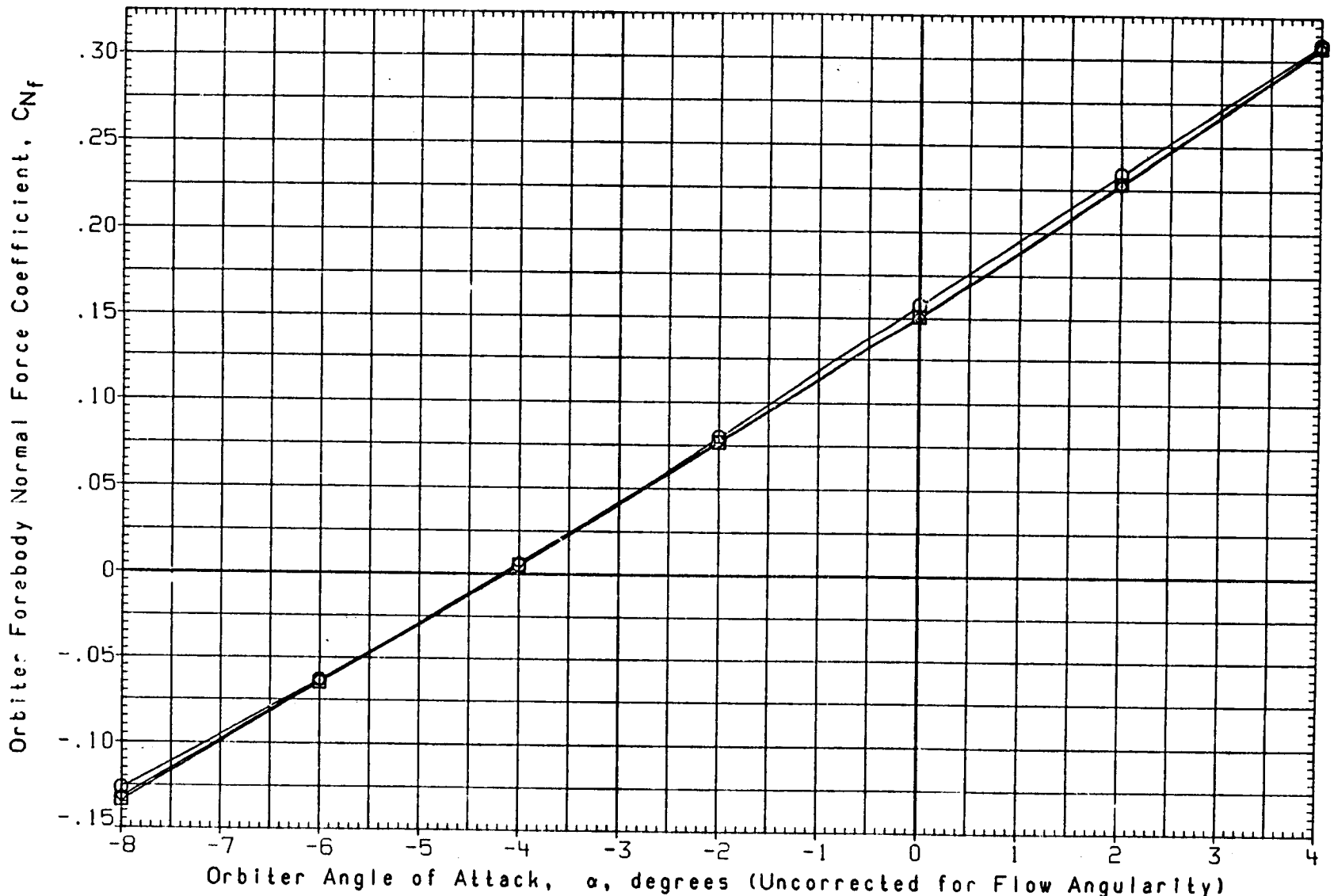


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

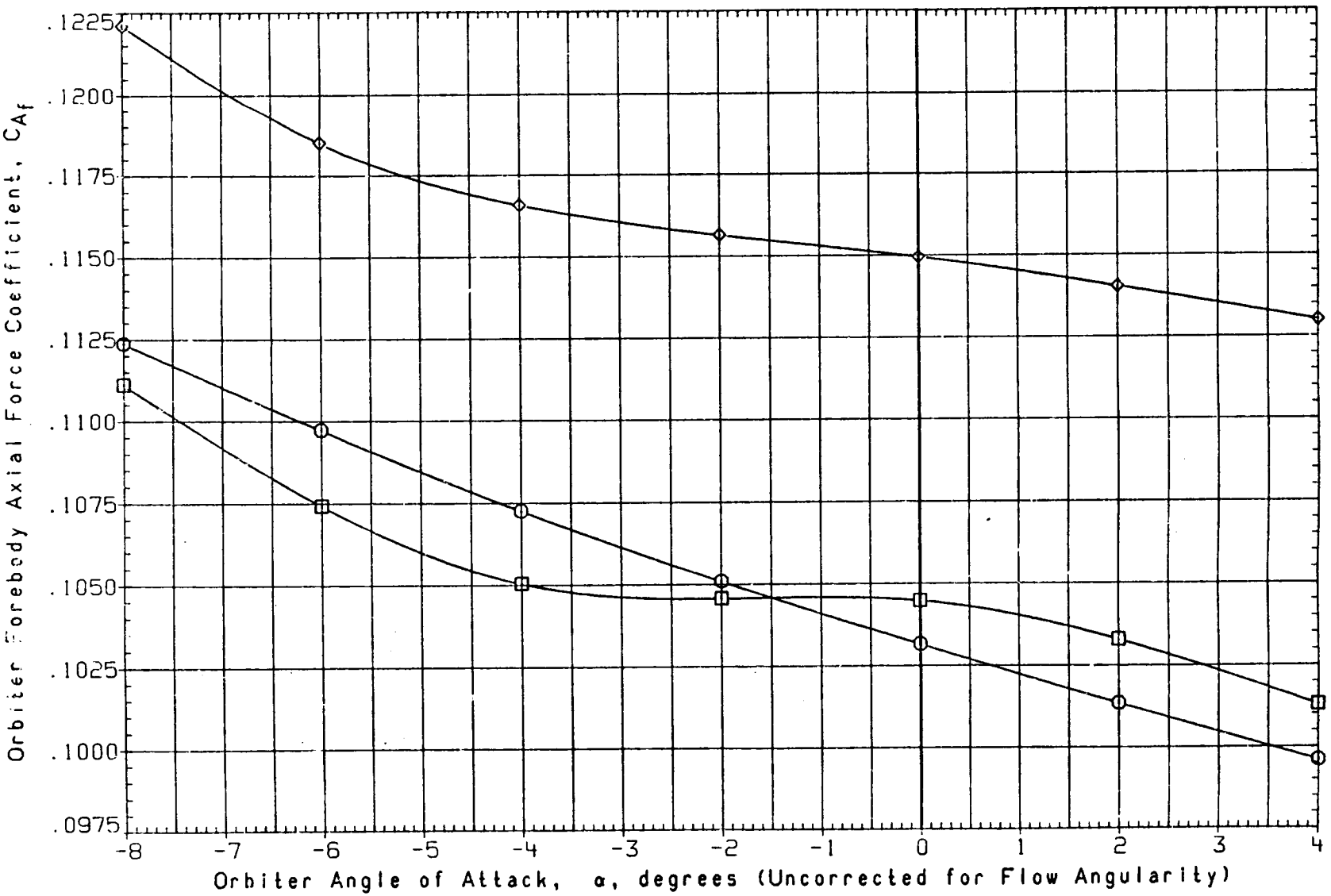


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	1A182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	1A105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	1A156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

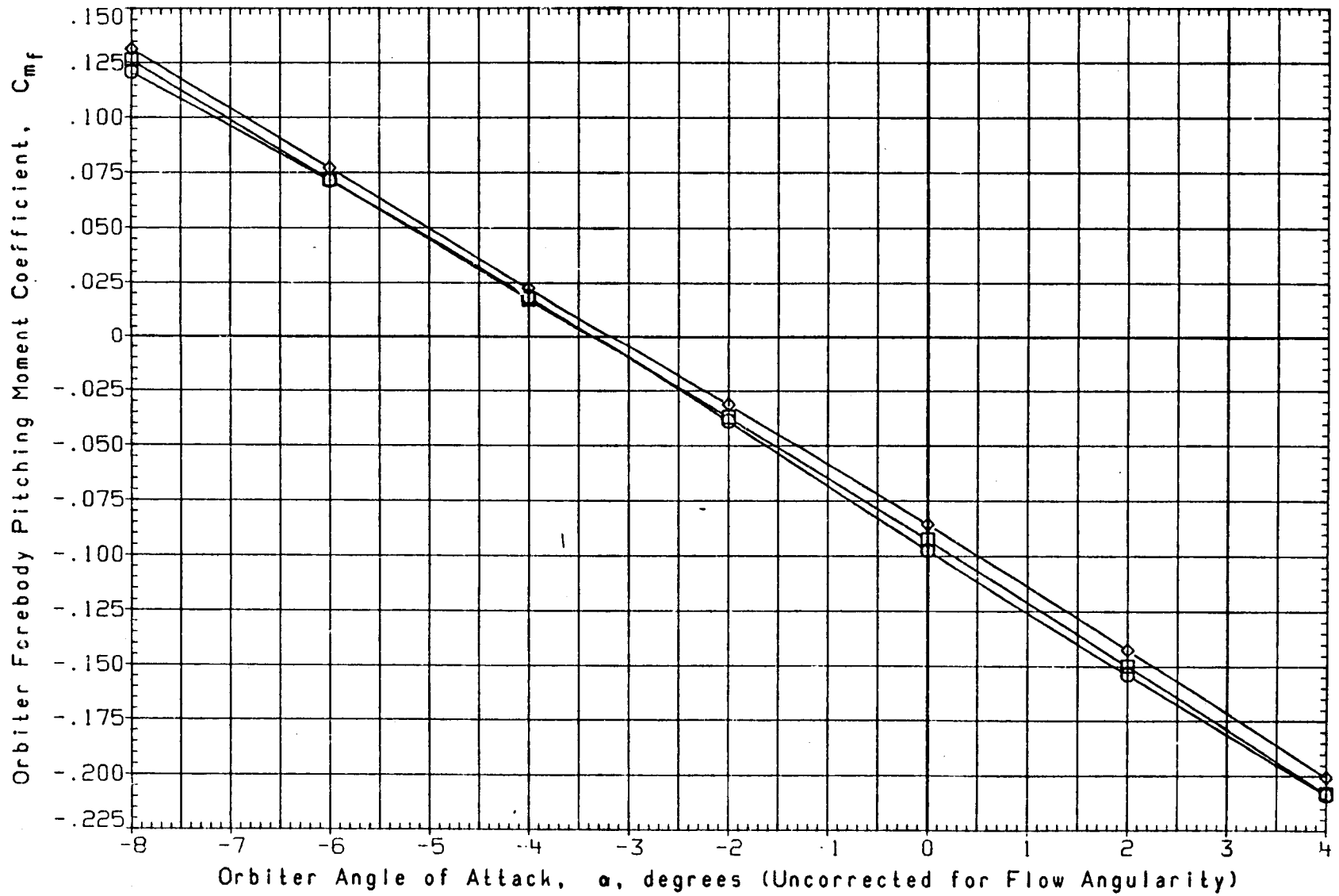


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

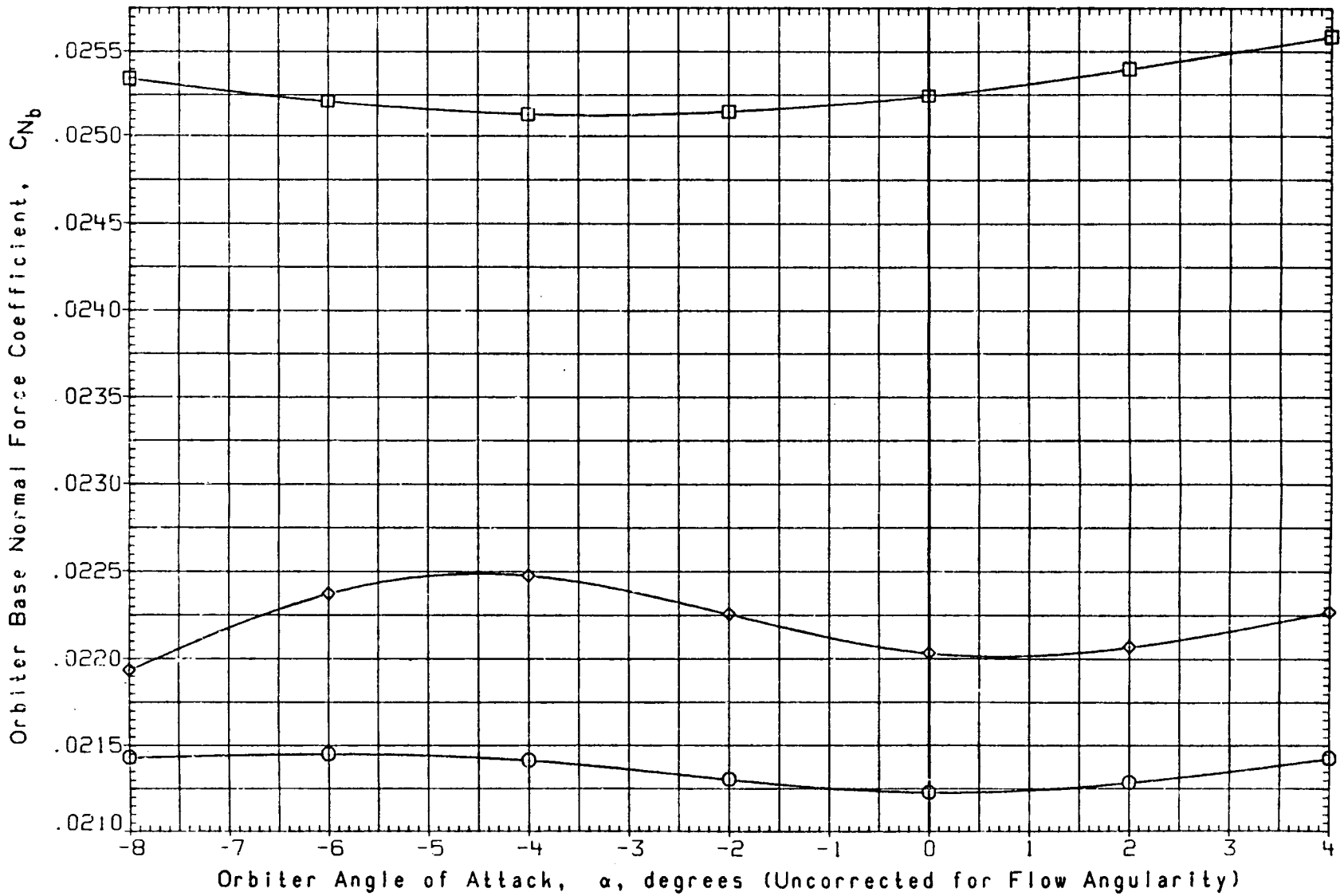


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

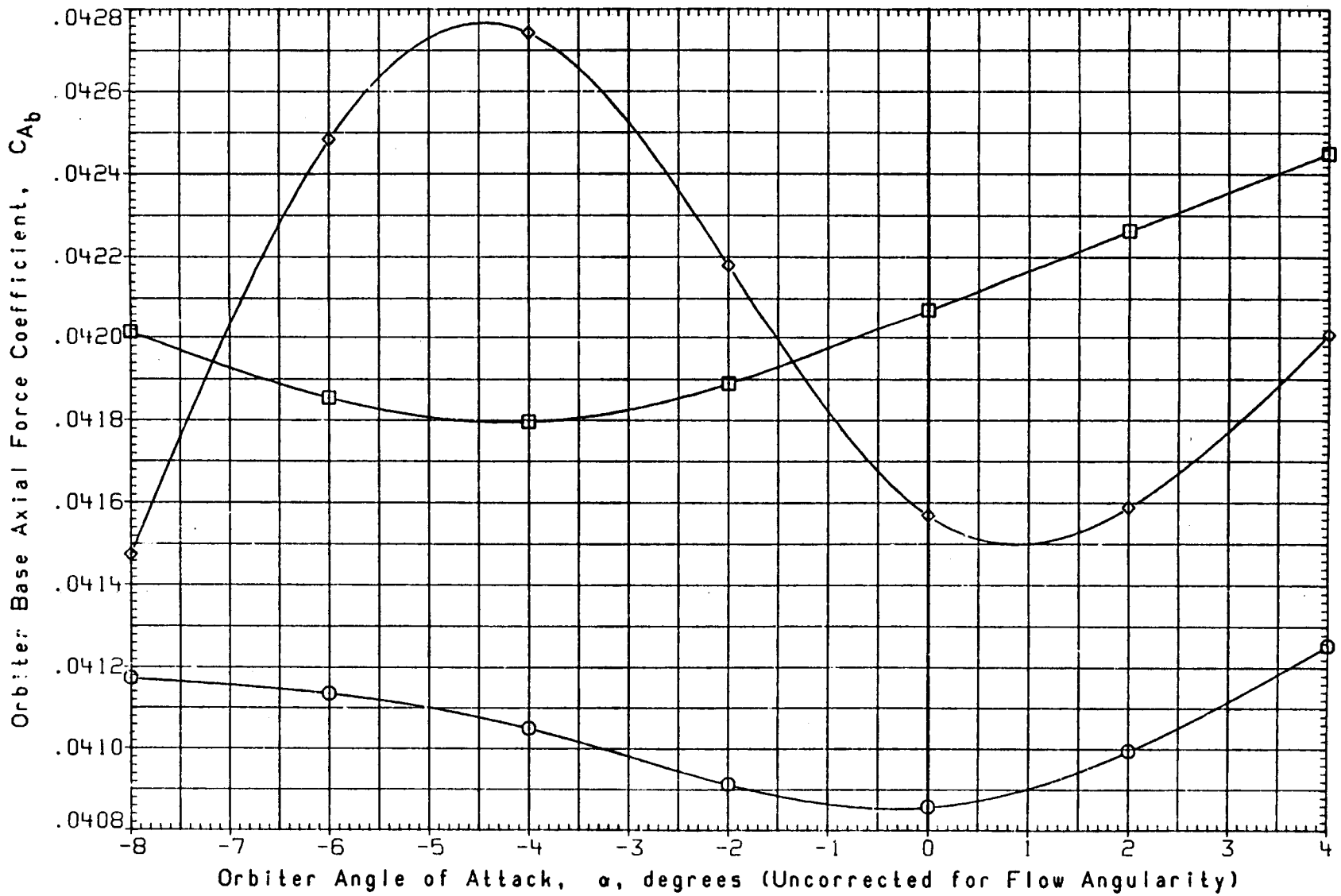


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8U007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

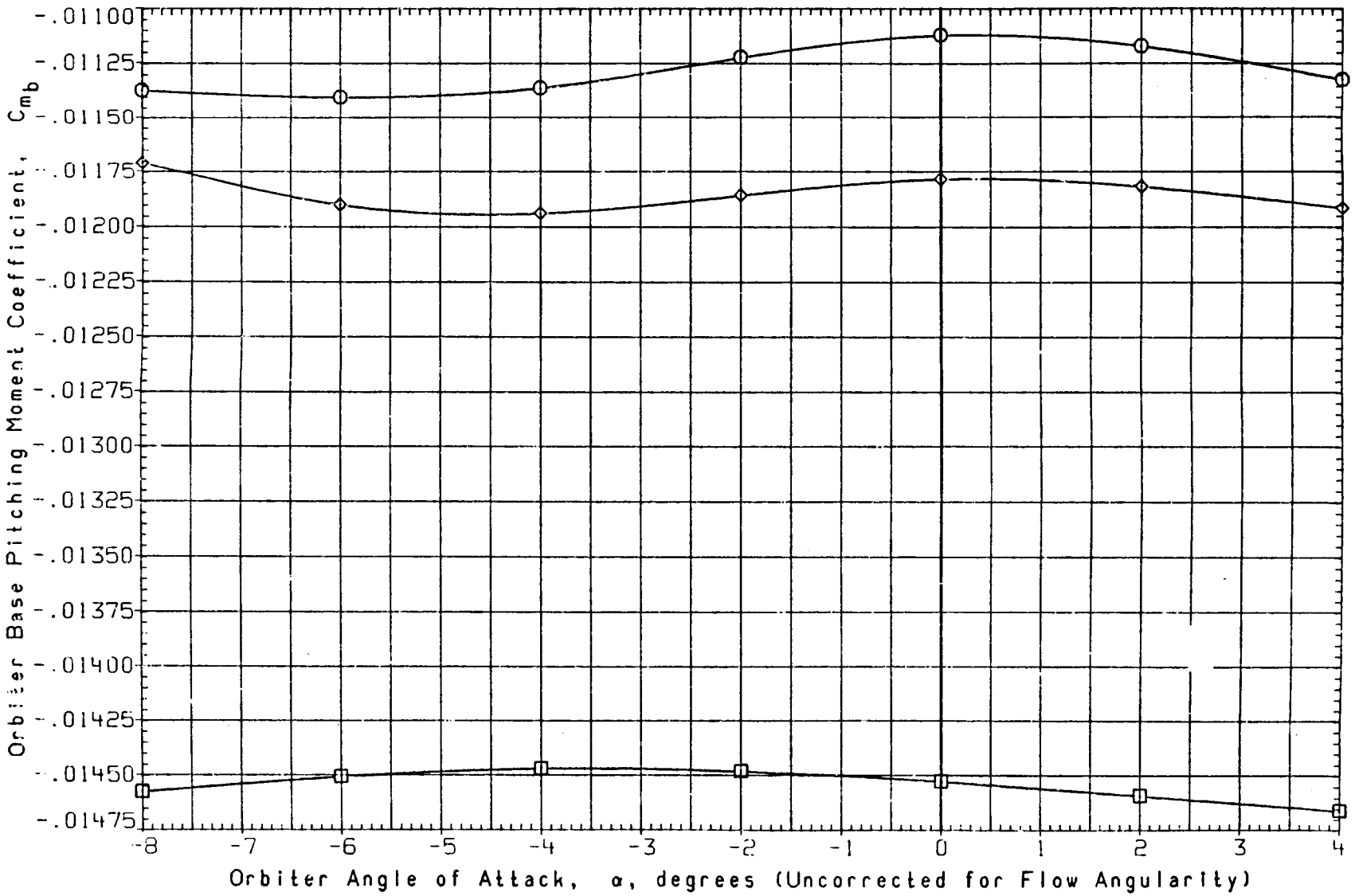


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

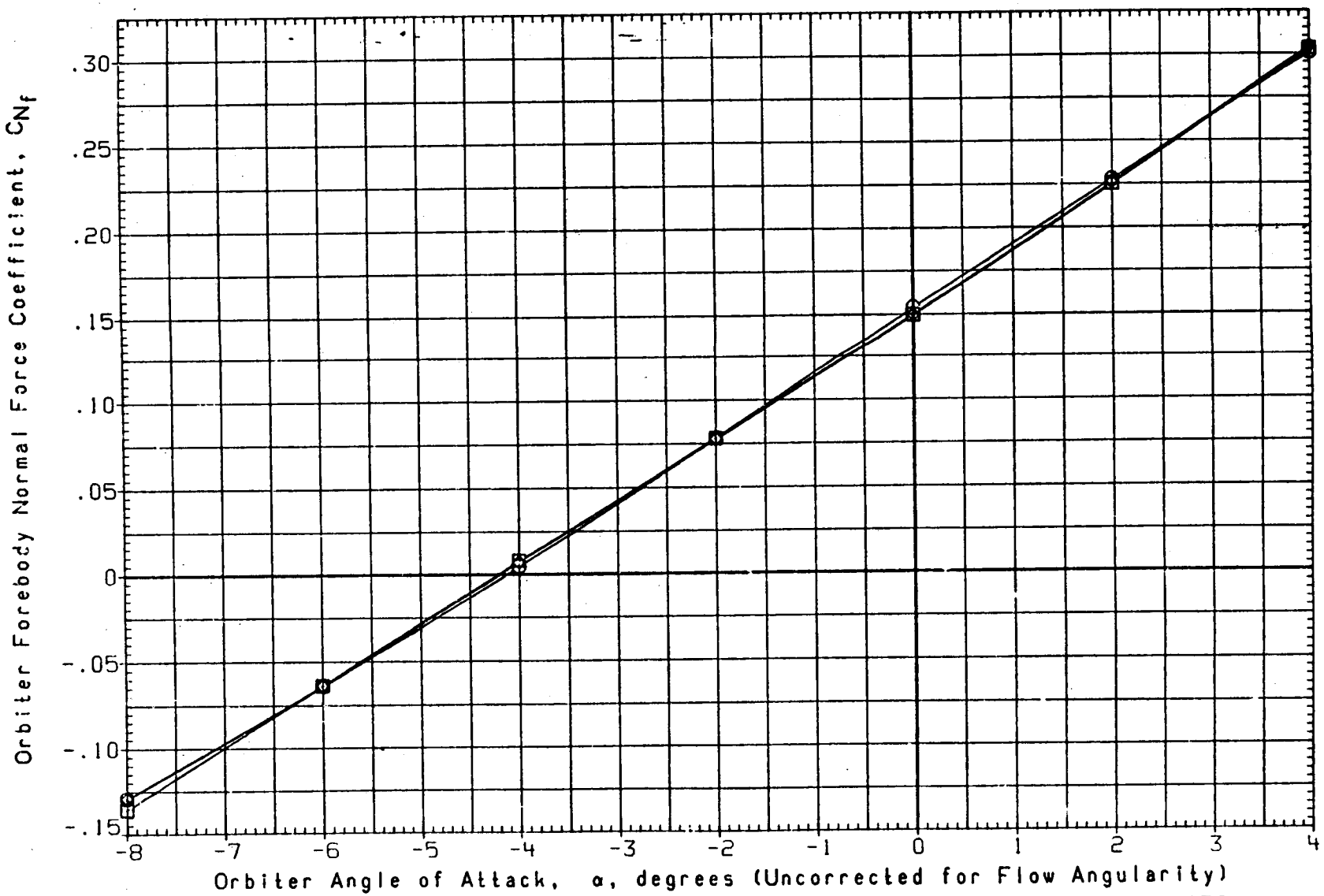


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

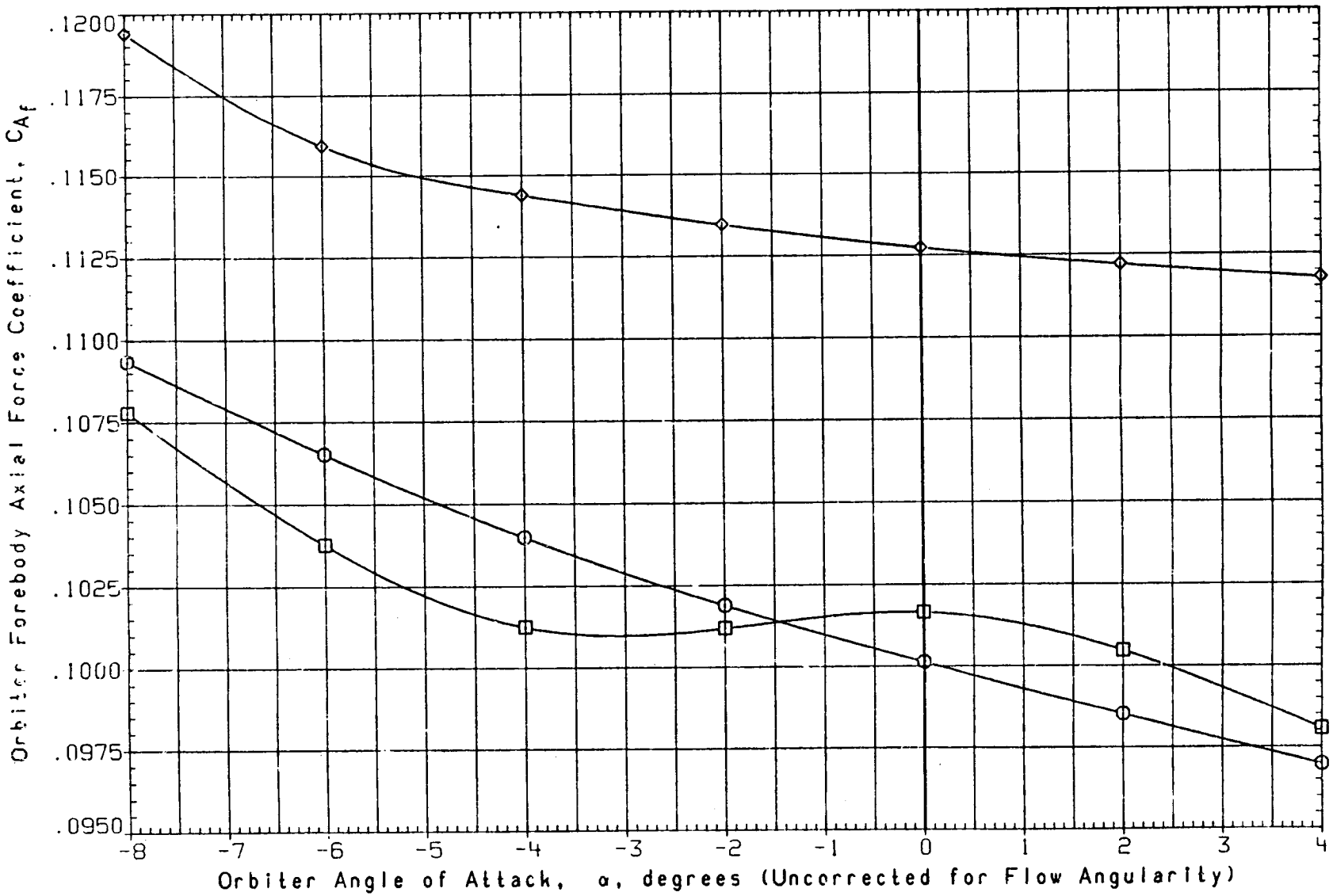


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

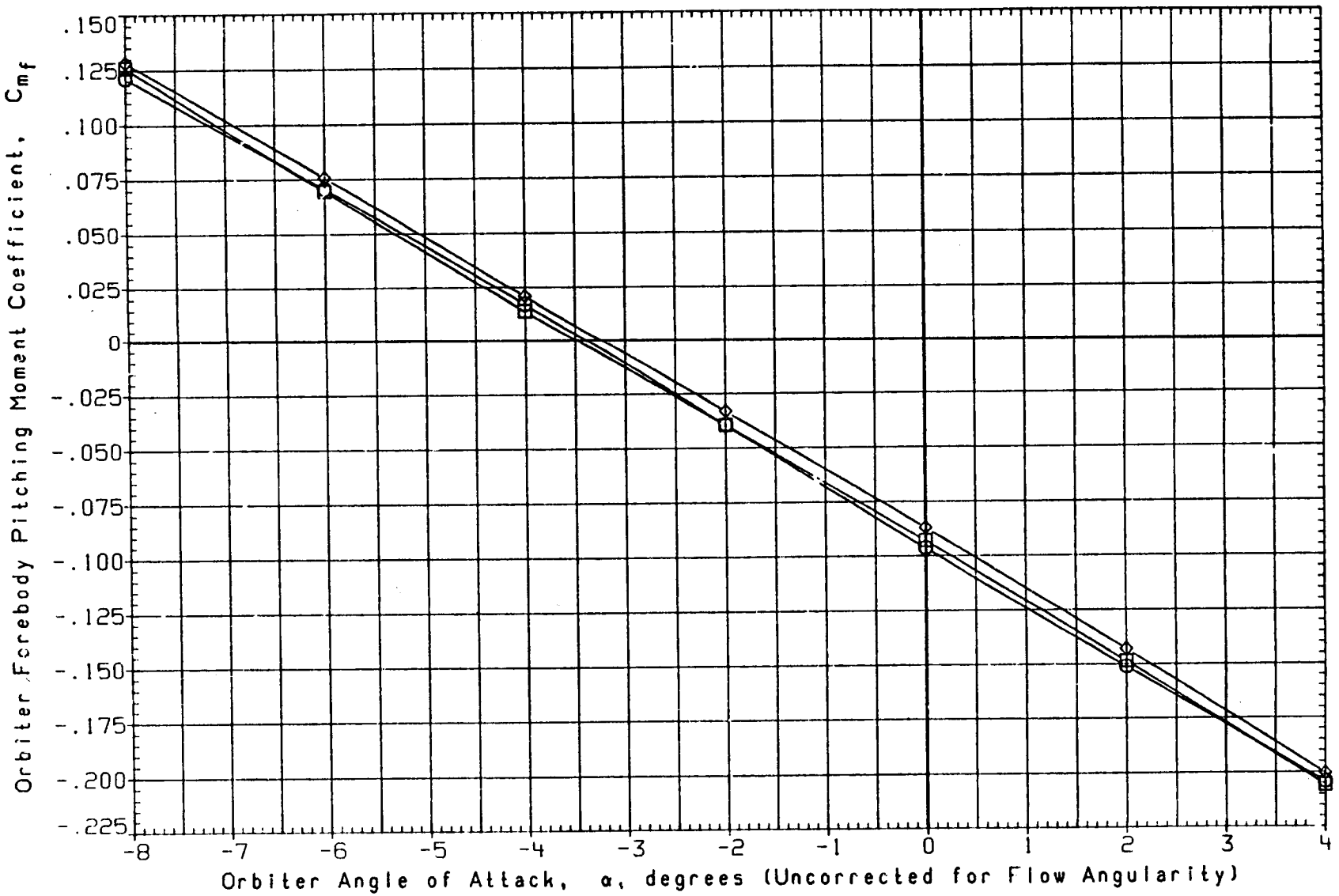


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80C07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MC44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

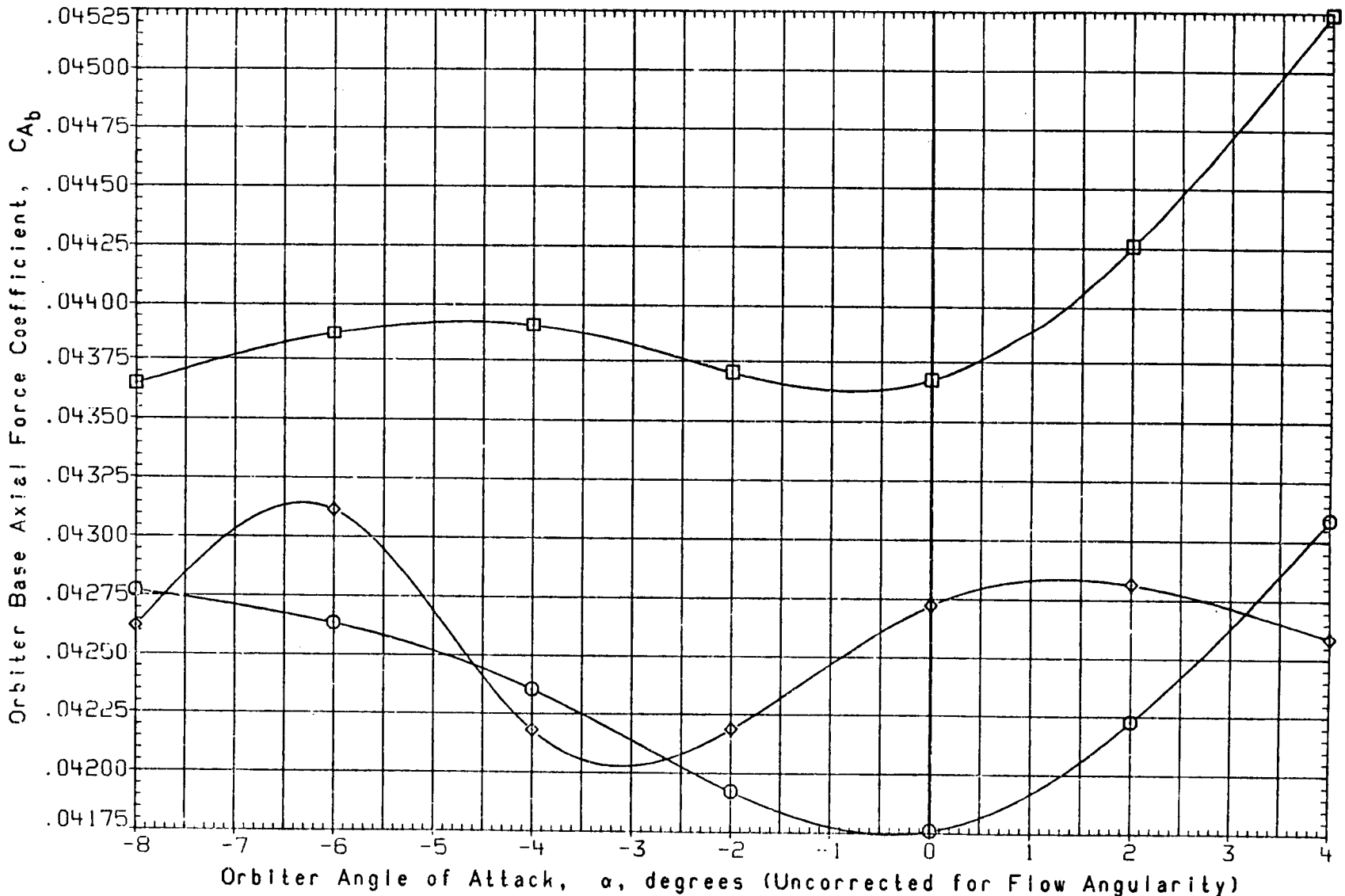


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8C007	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8M044	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8N051	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

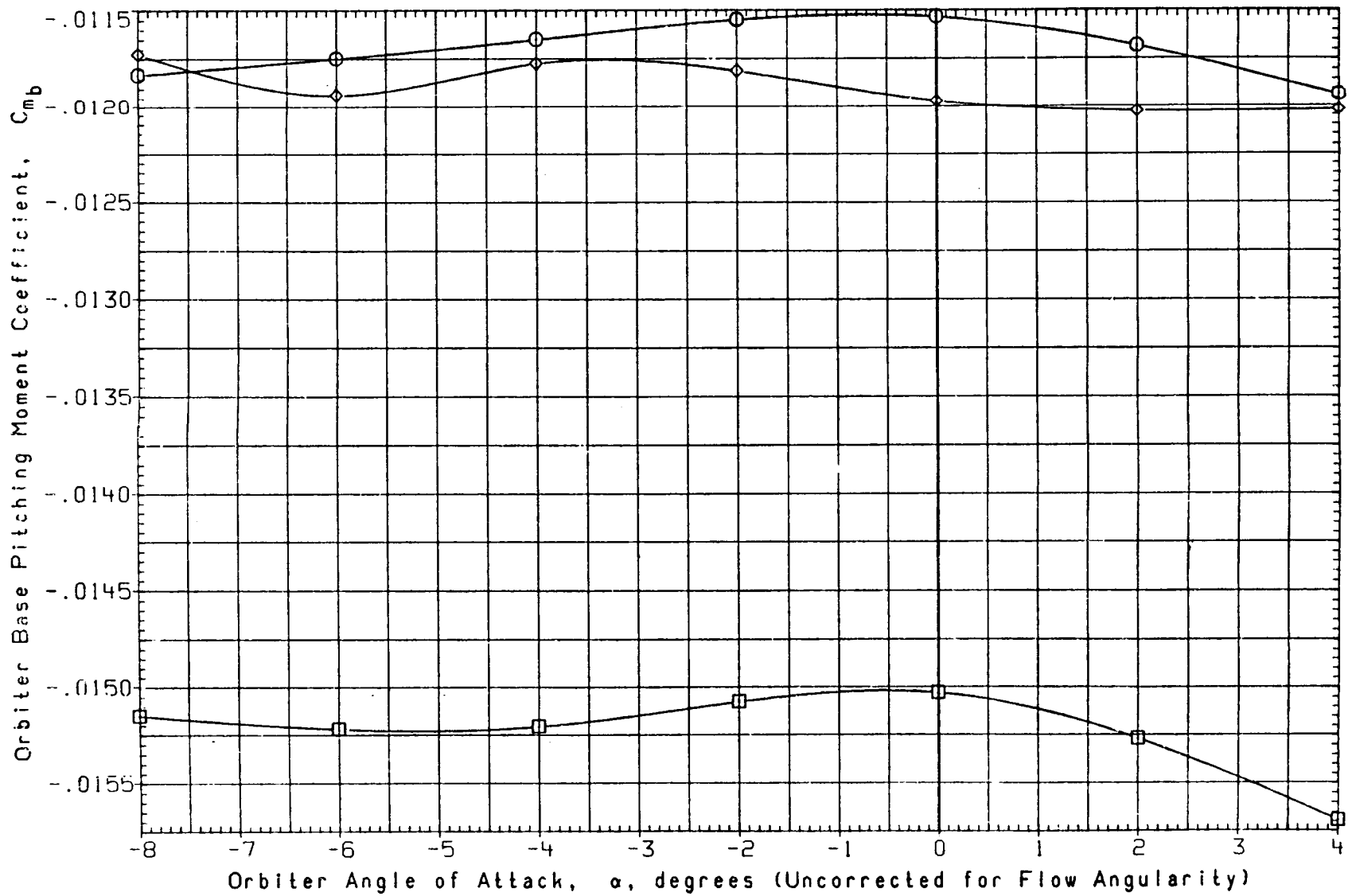


FIG. 31 COMPARISON OF VEHICLE AERO COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

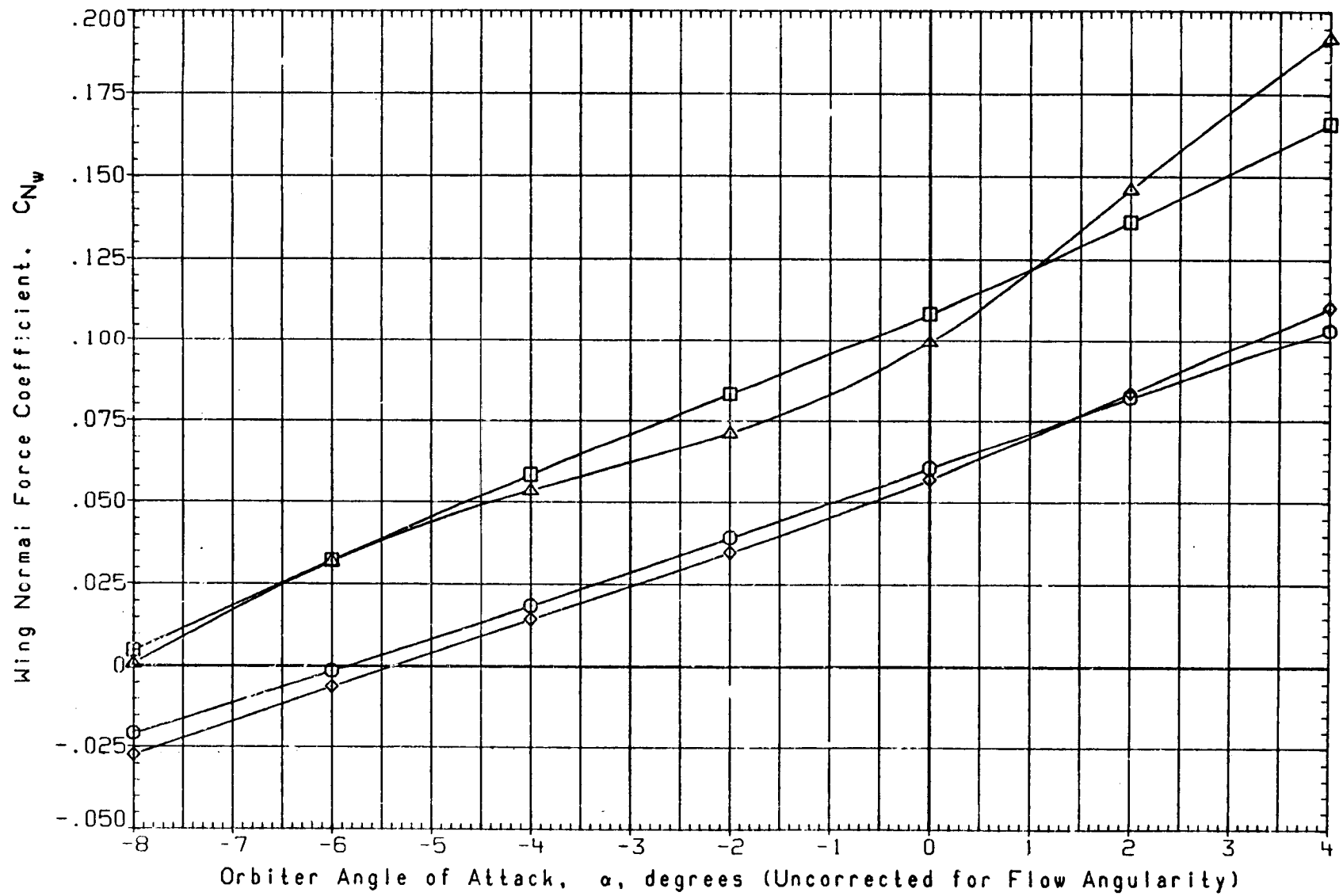


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

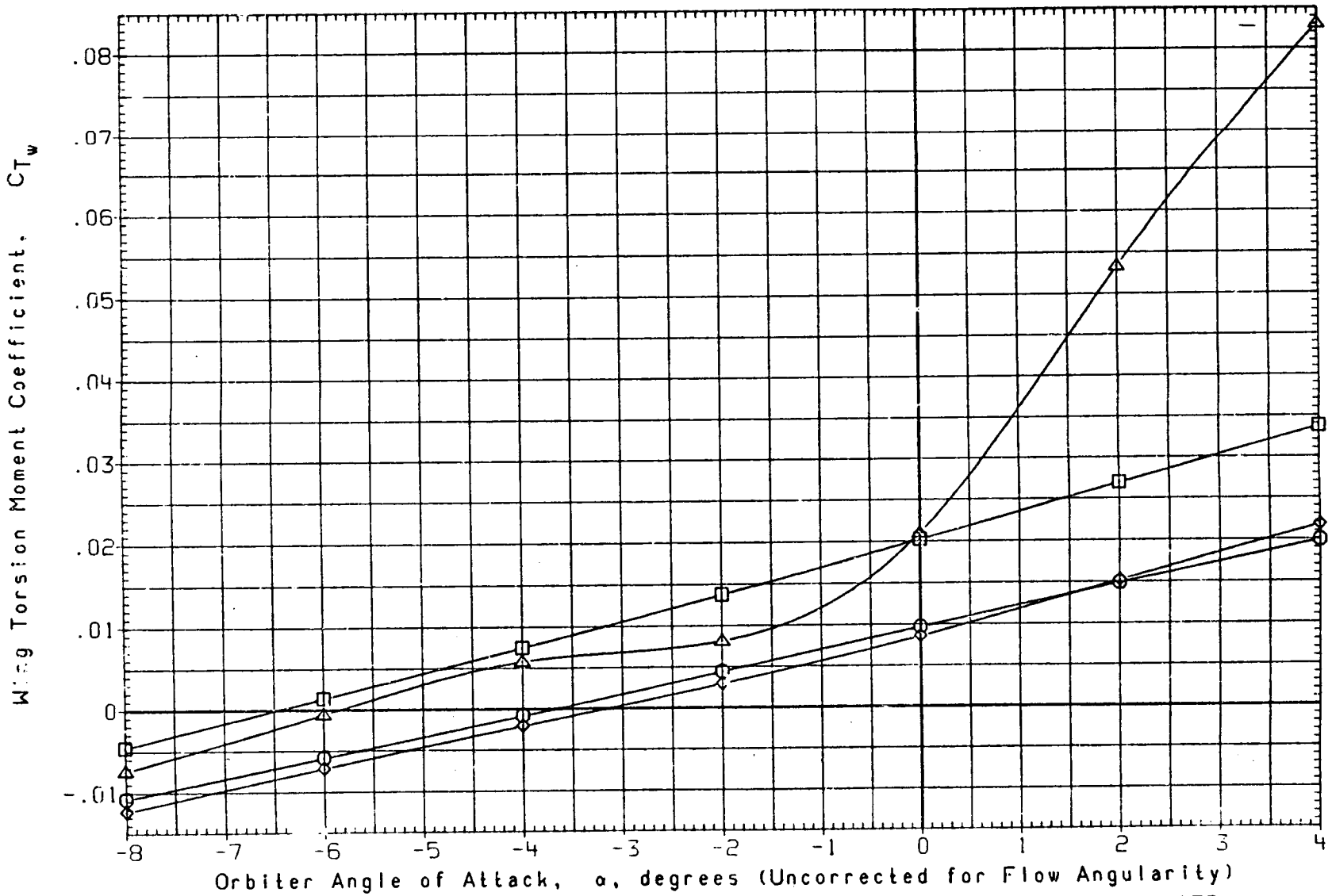


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U9NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

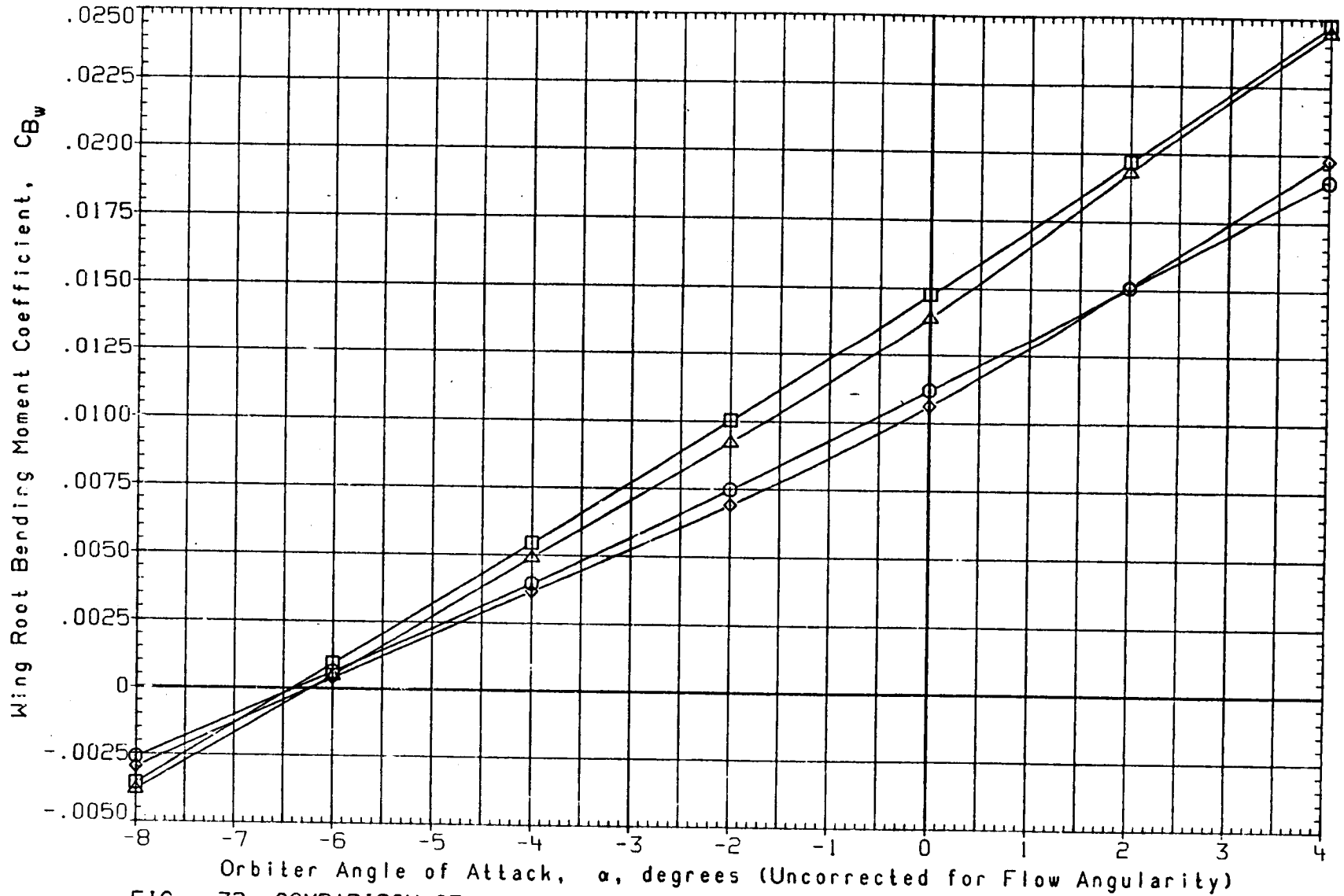


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

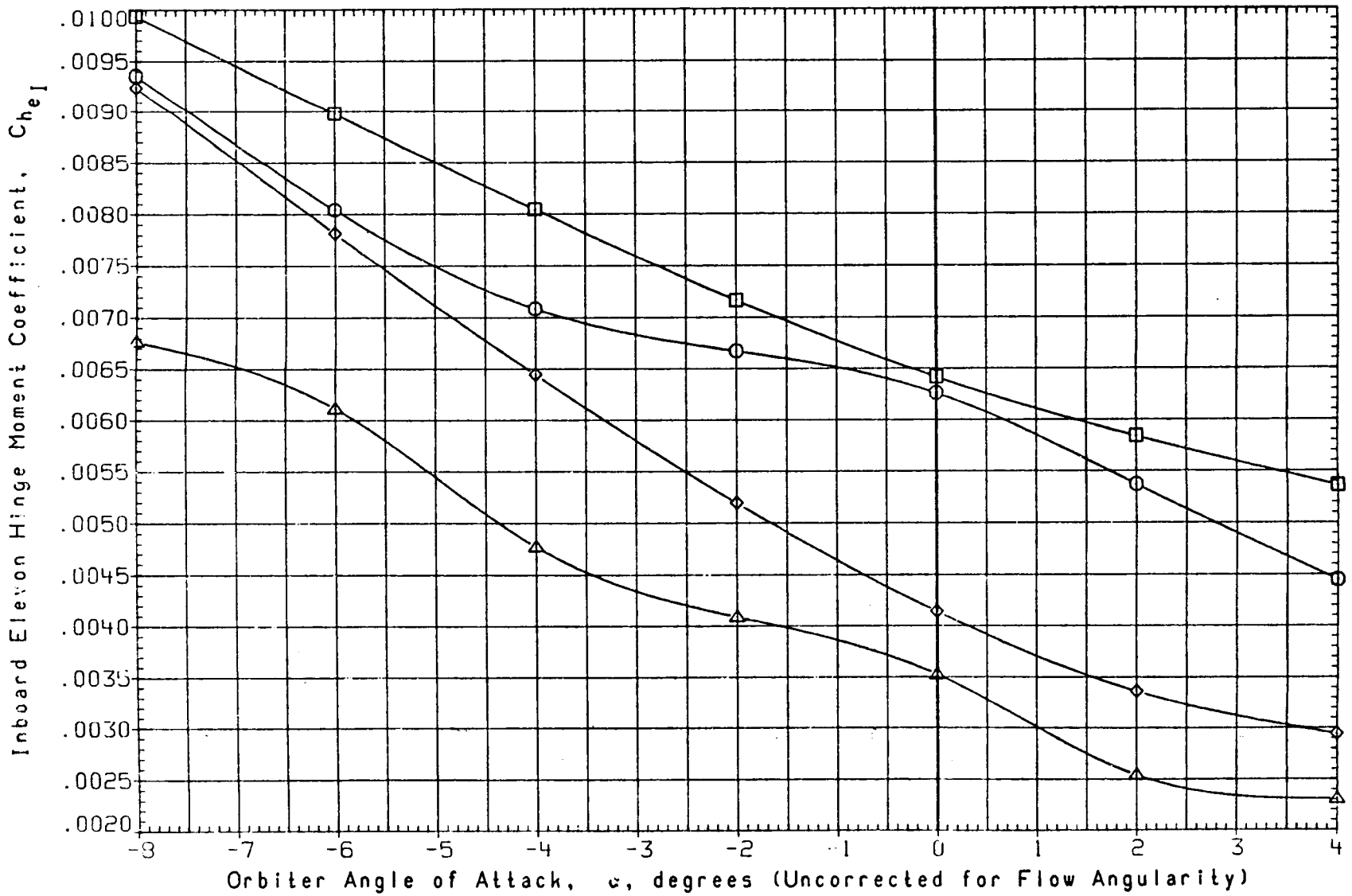


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW0:	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA195A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

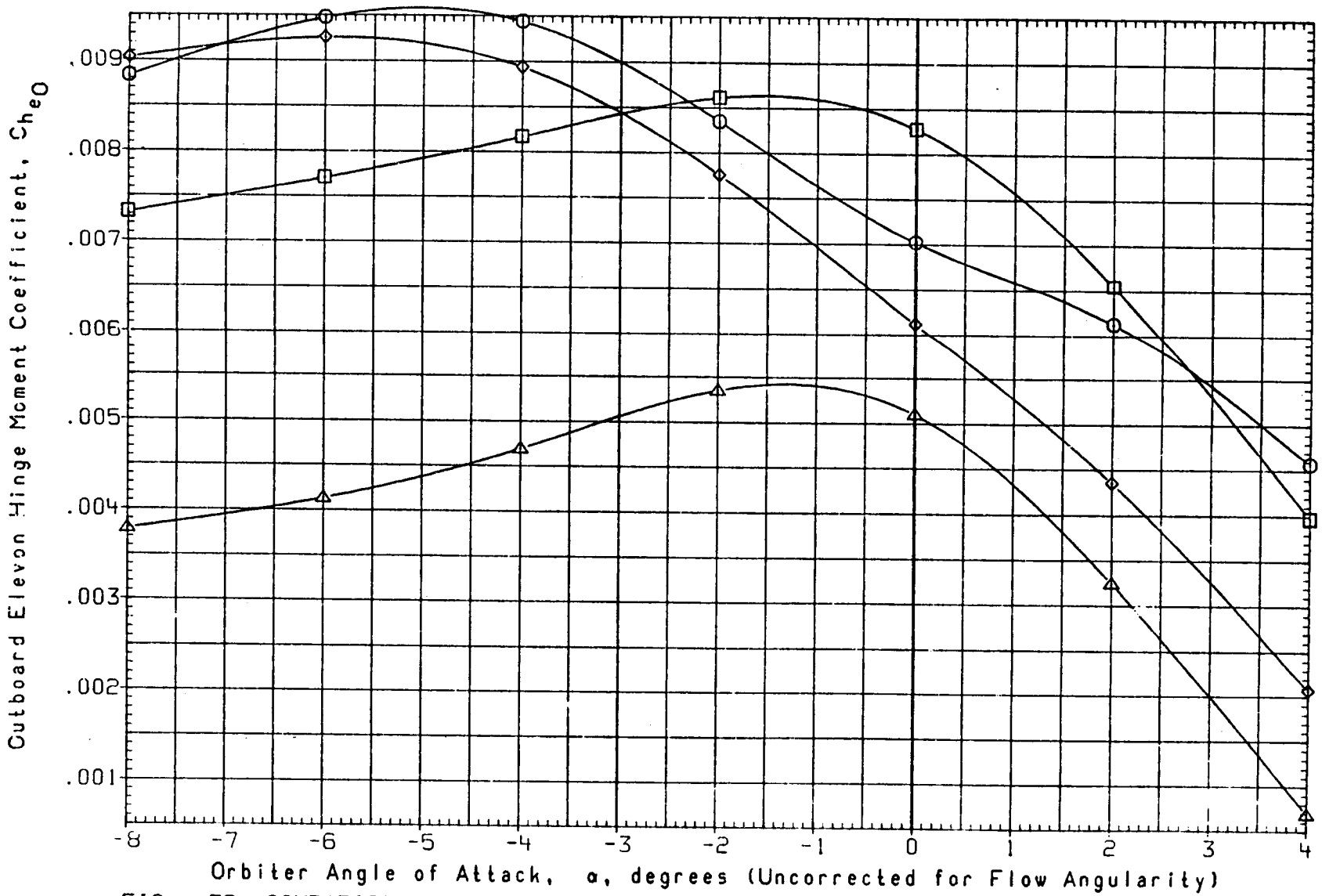


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
08PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

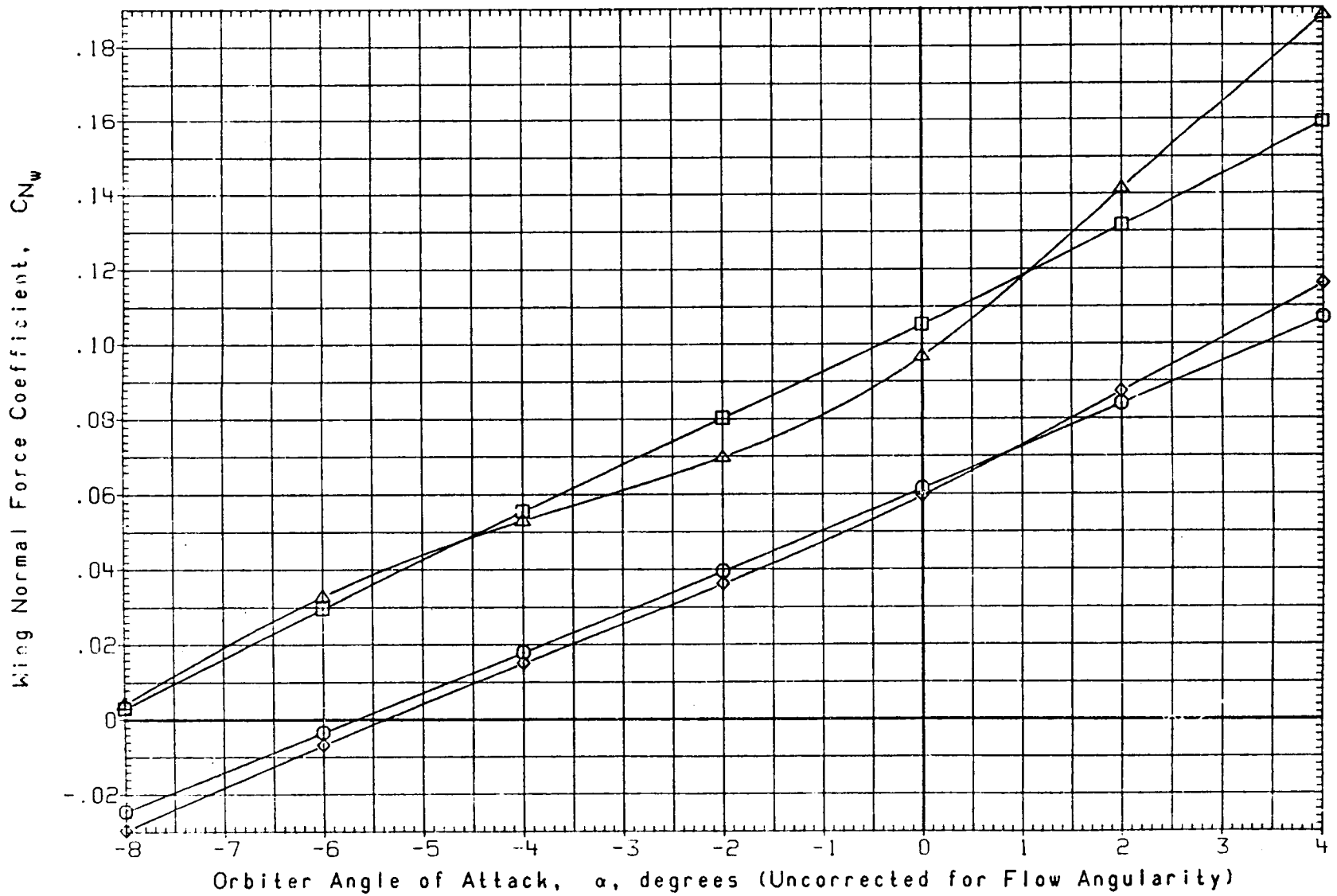


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

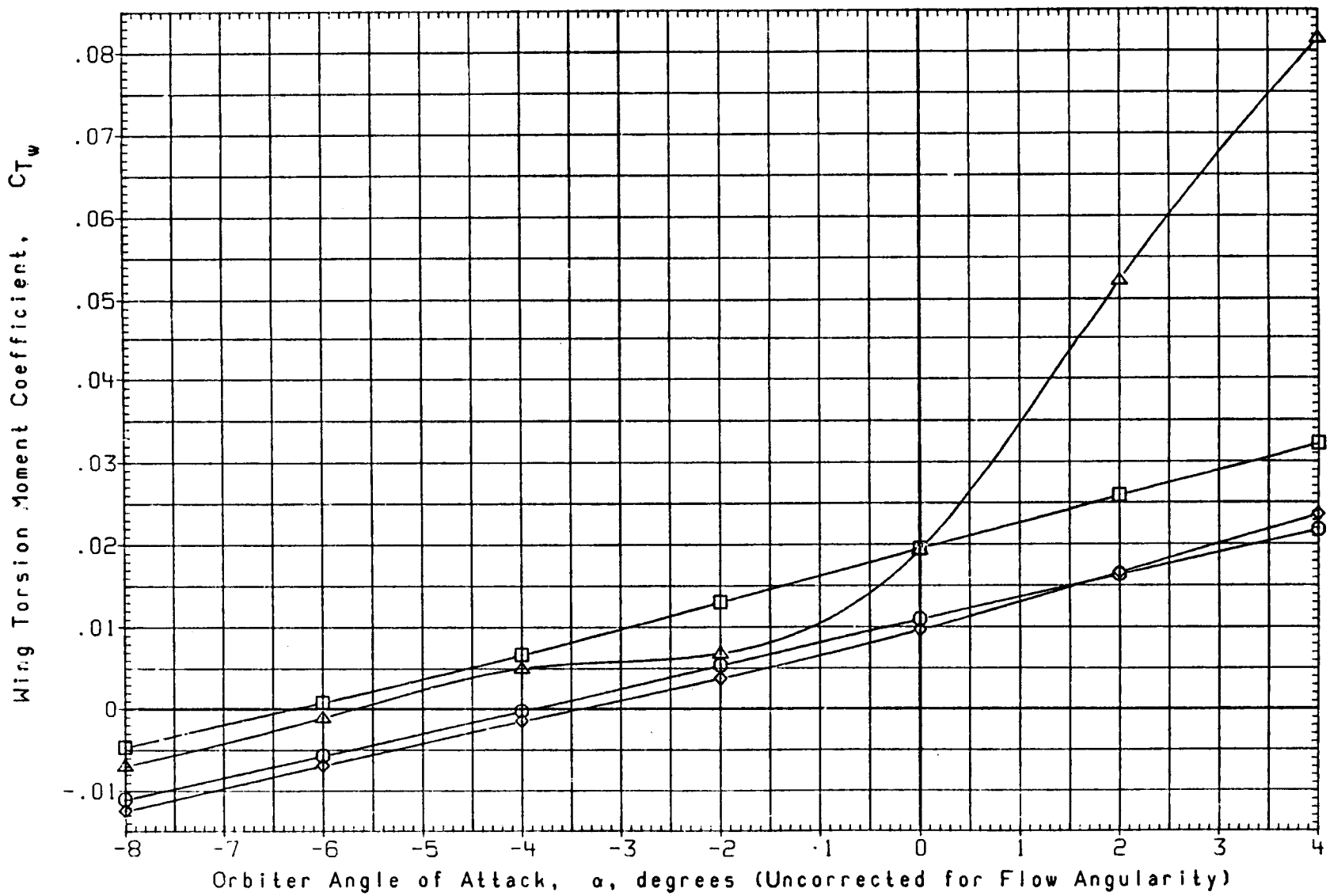


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
C8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U9NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

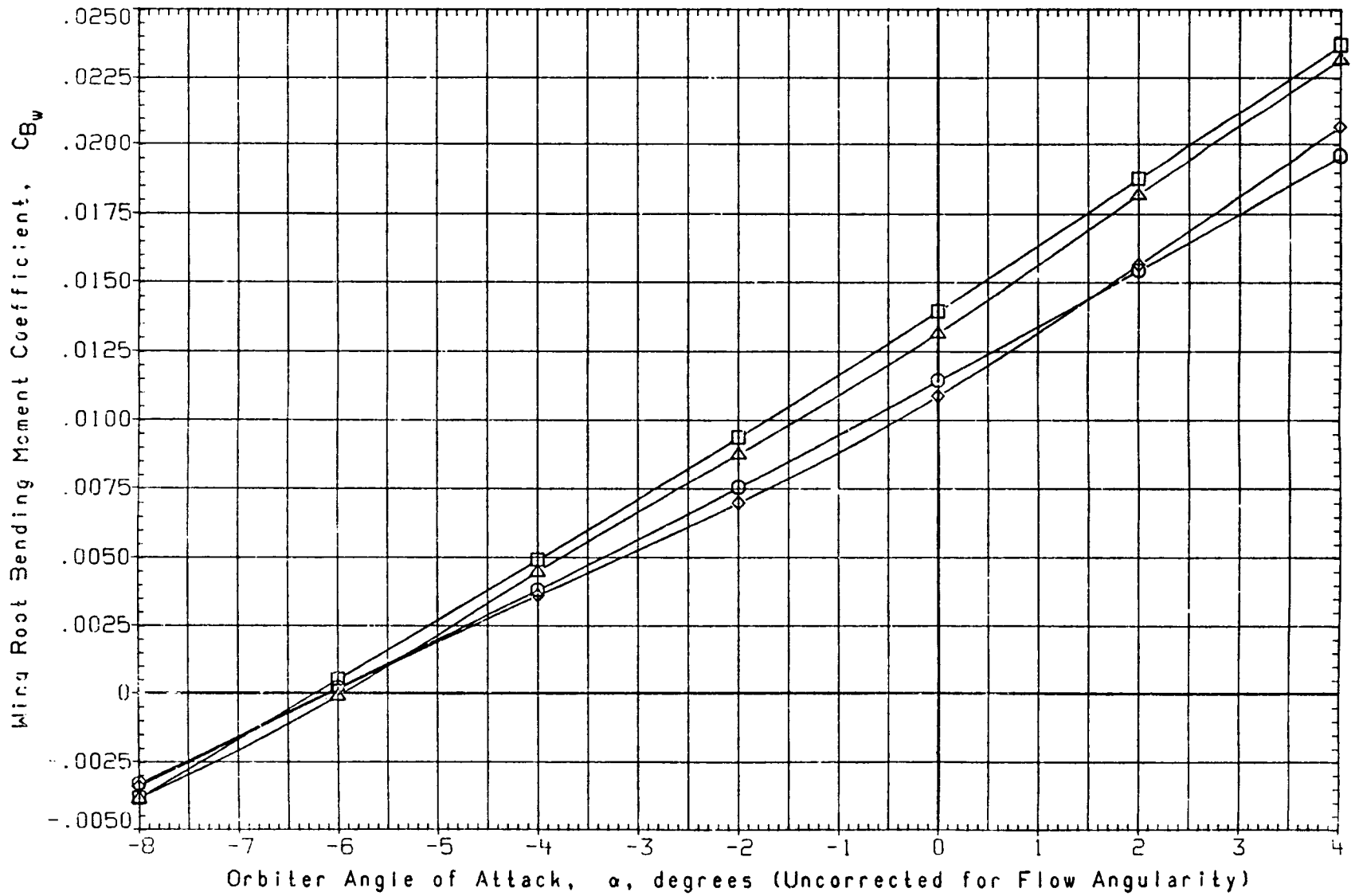


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

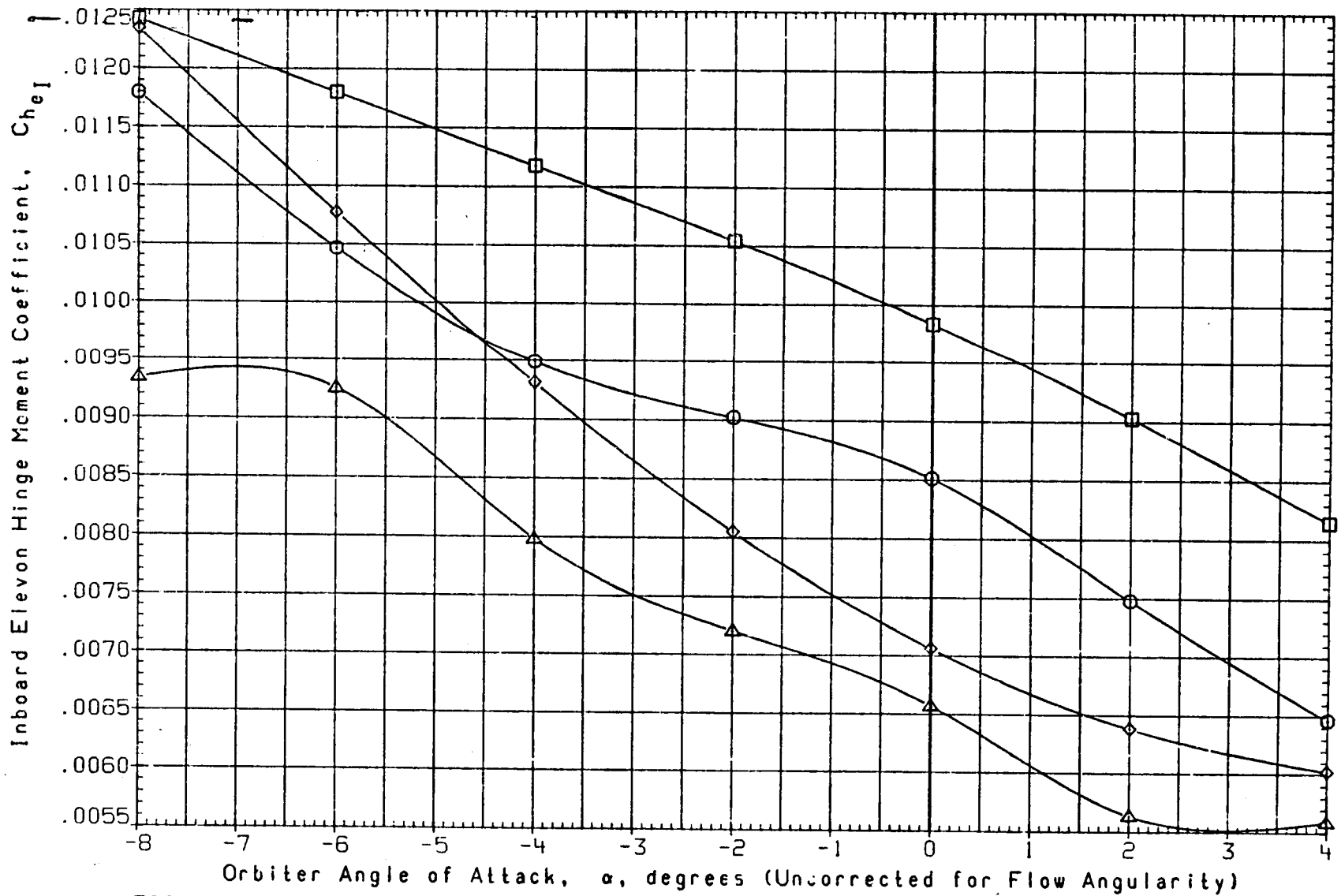


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

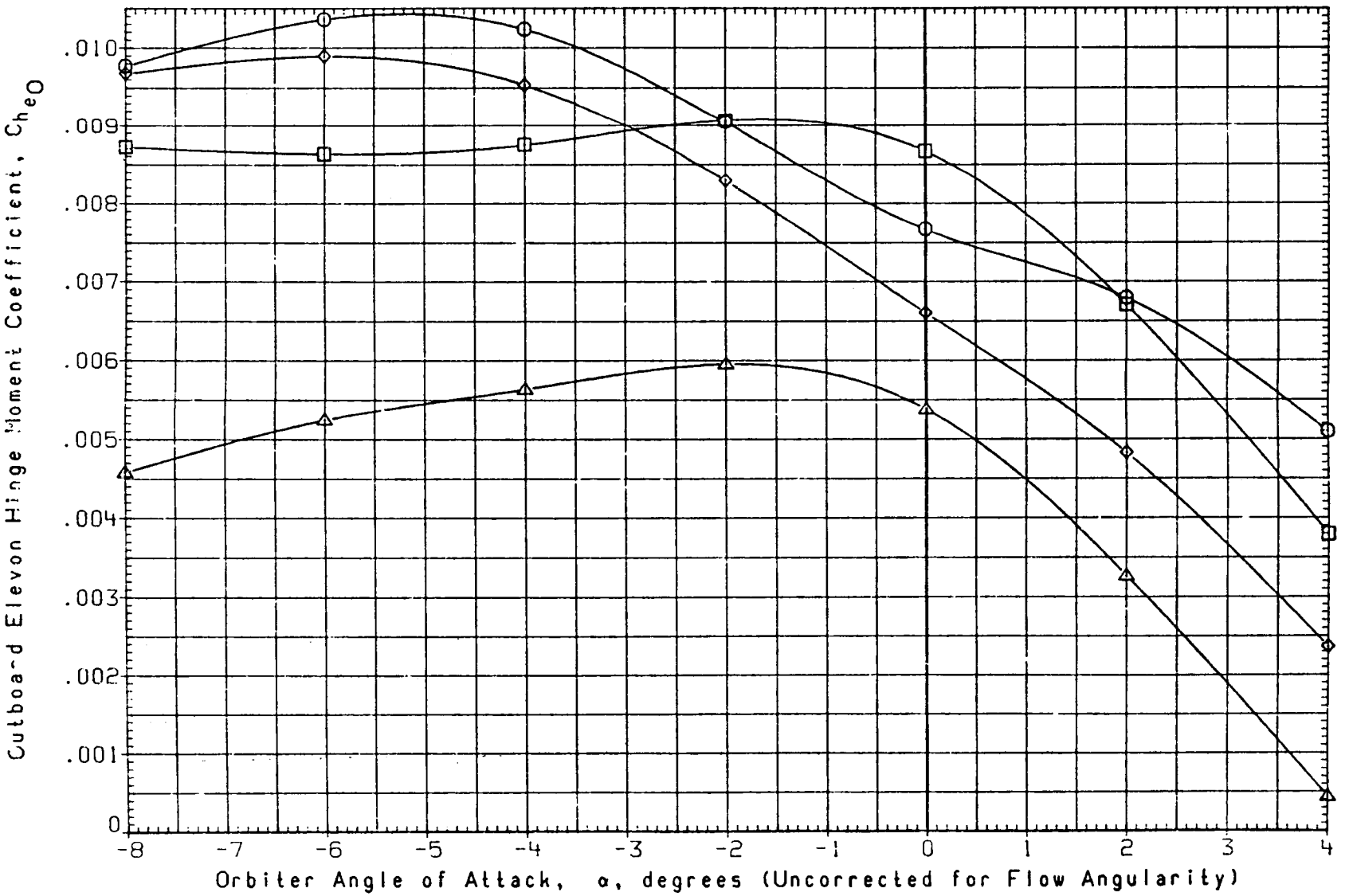


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

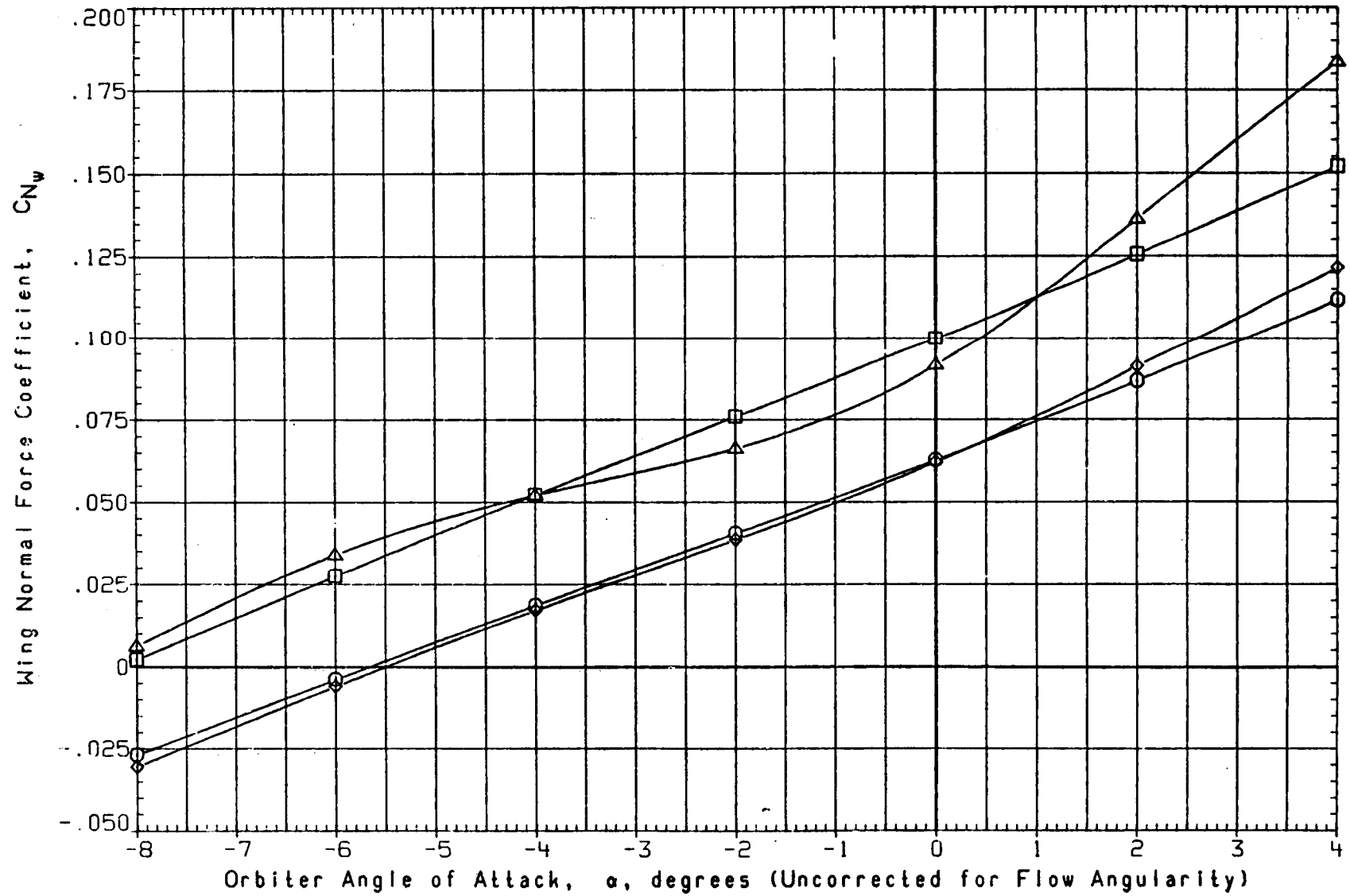


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

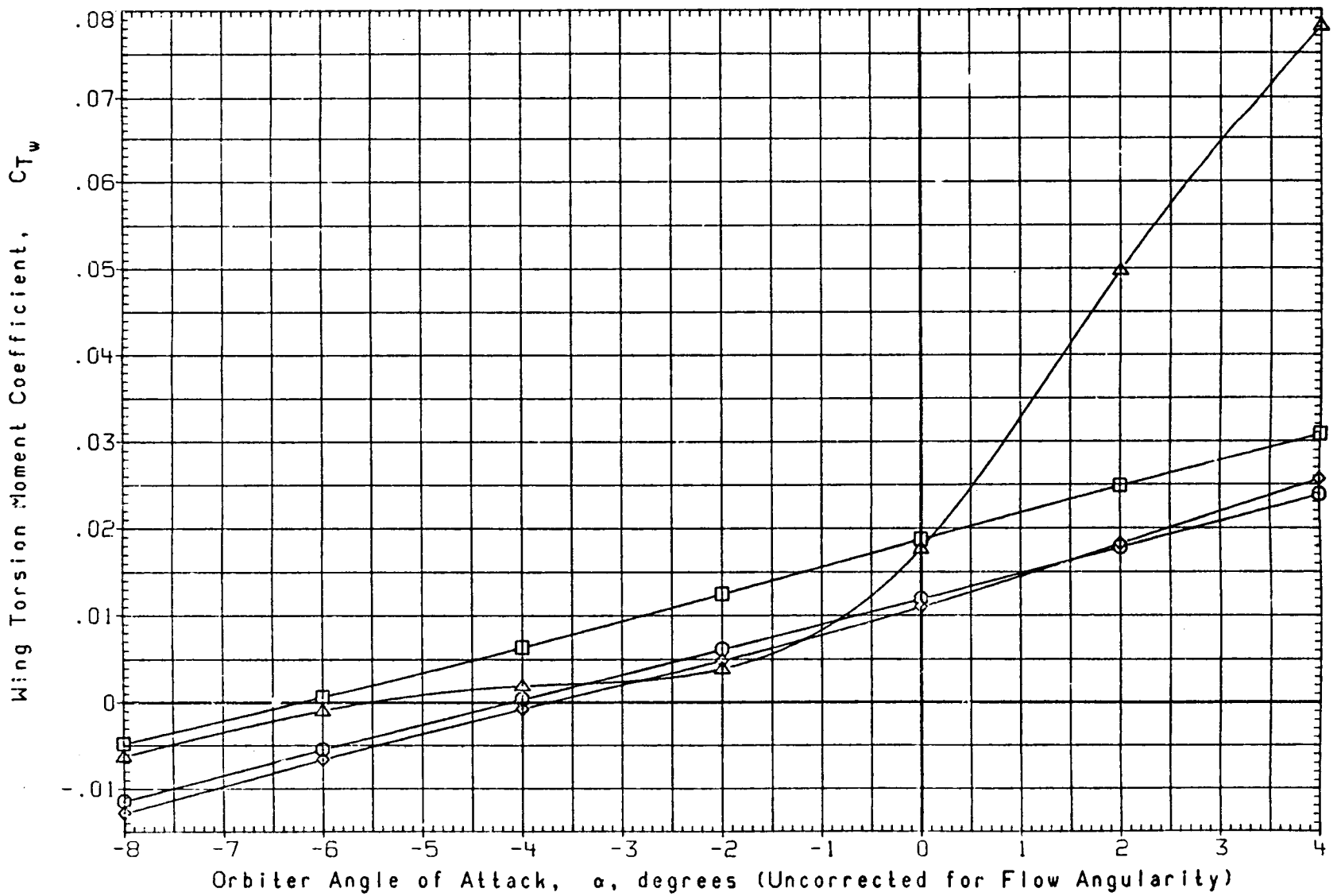


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCOFR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O9PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

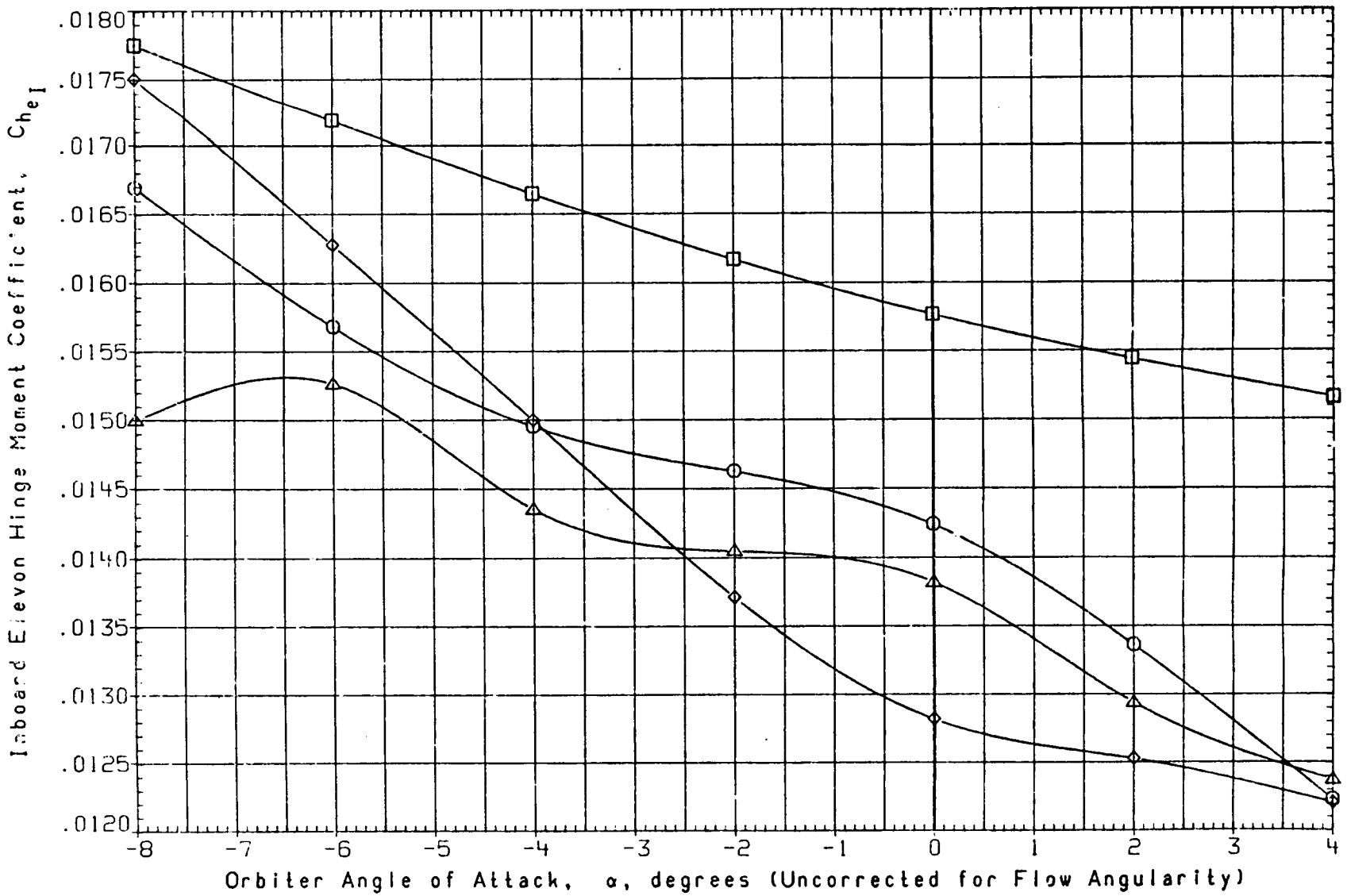


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CWO1	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
08PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

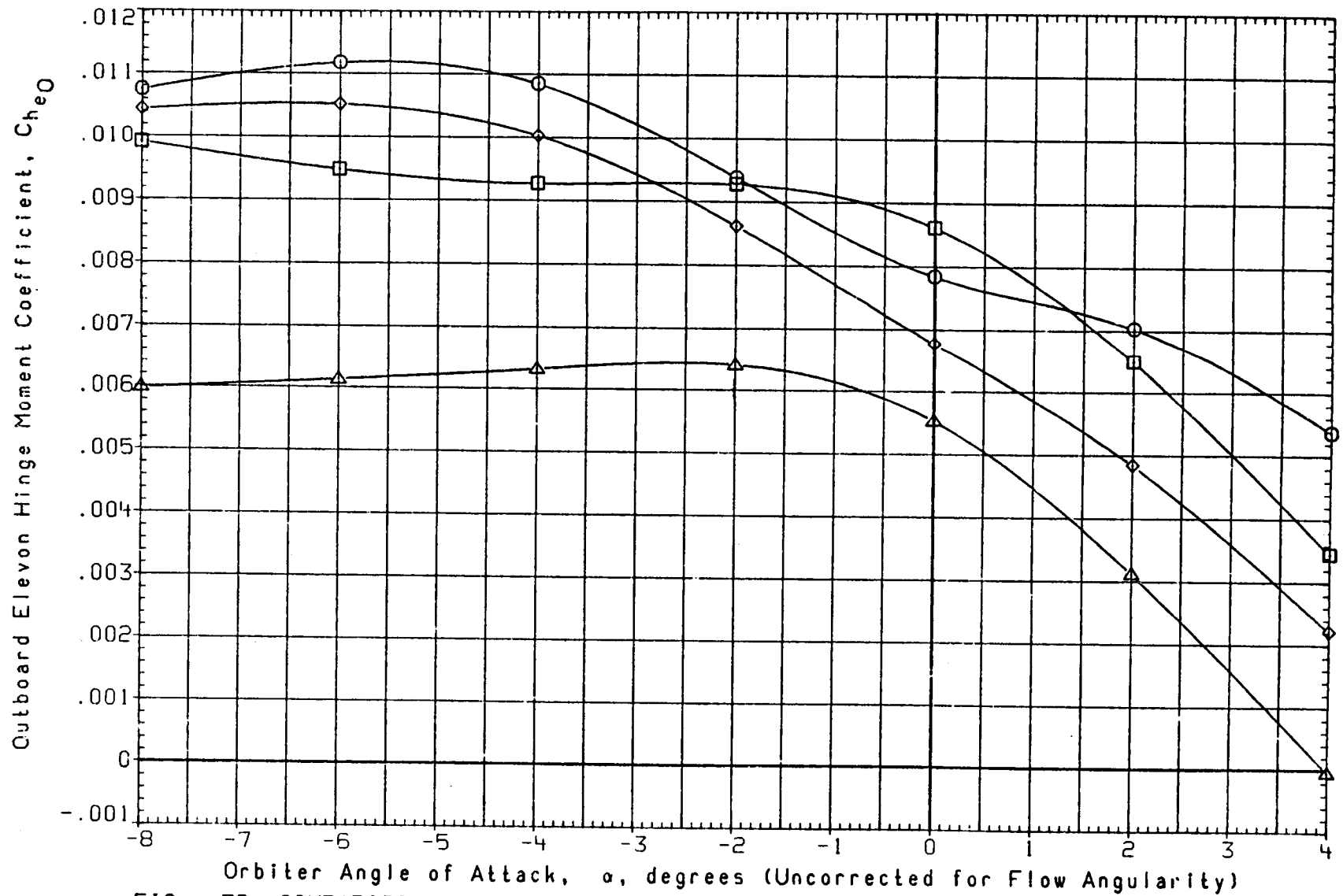


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

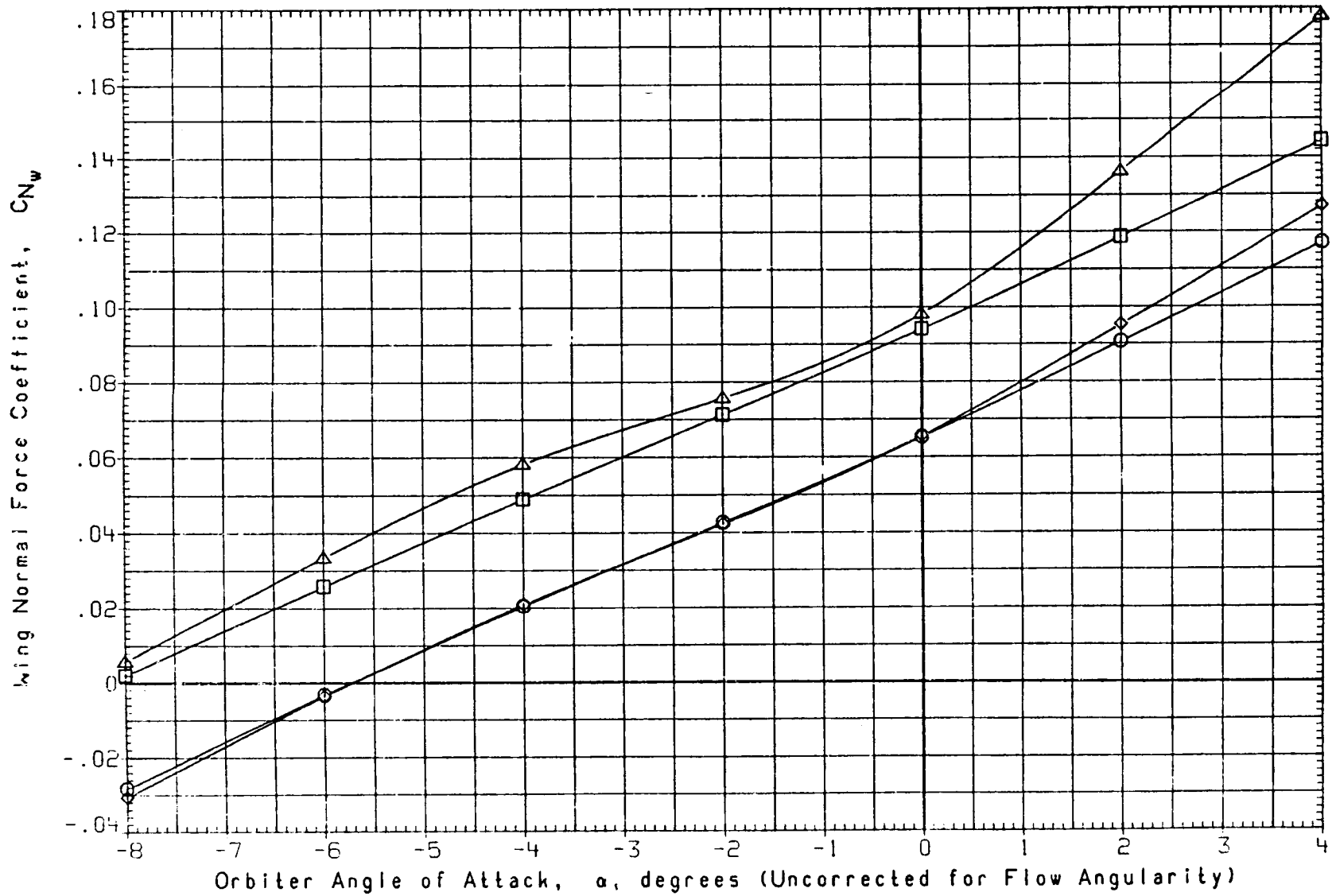


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
08PW14	□	IA193,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

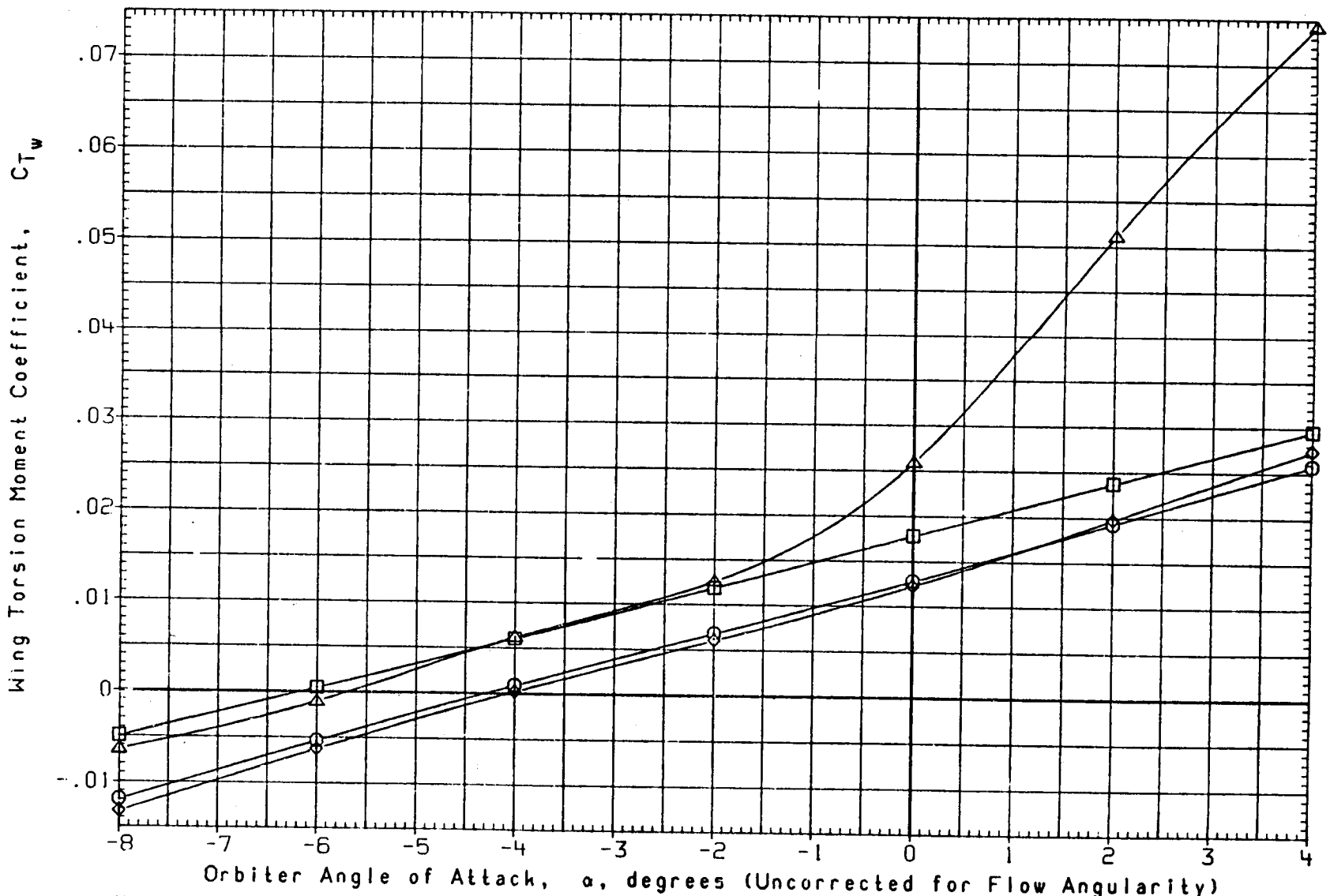


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

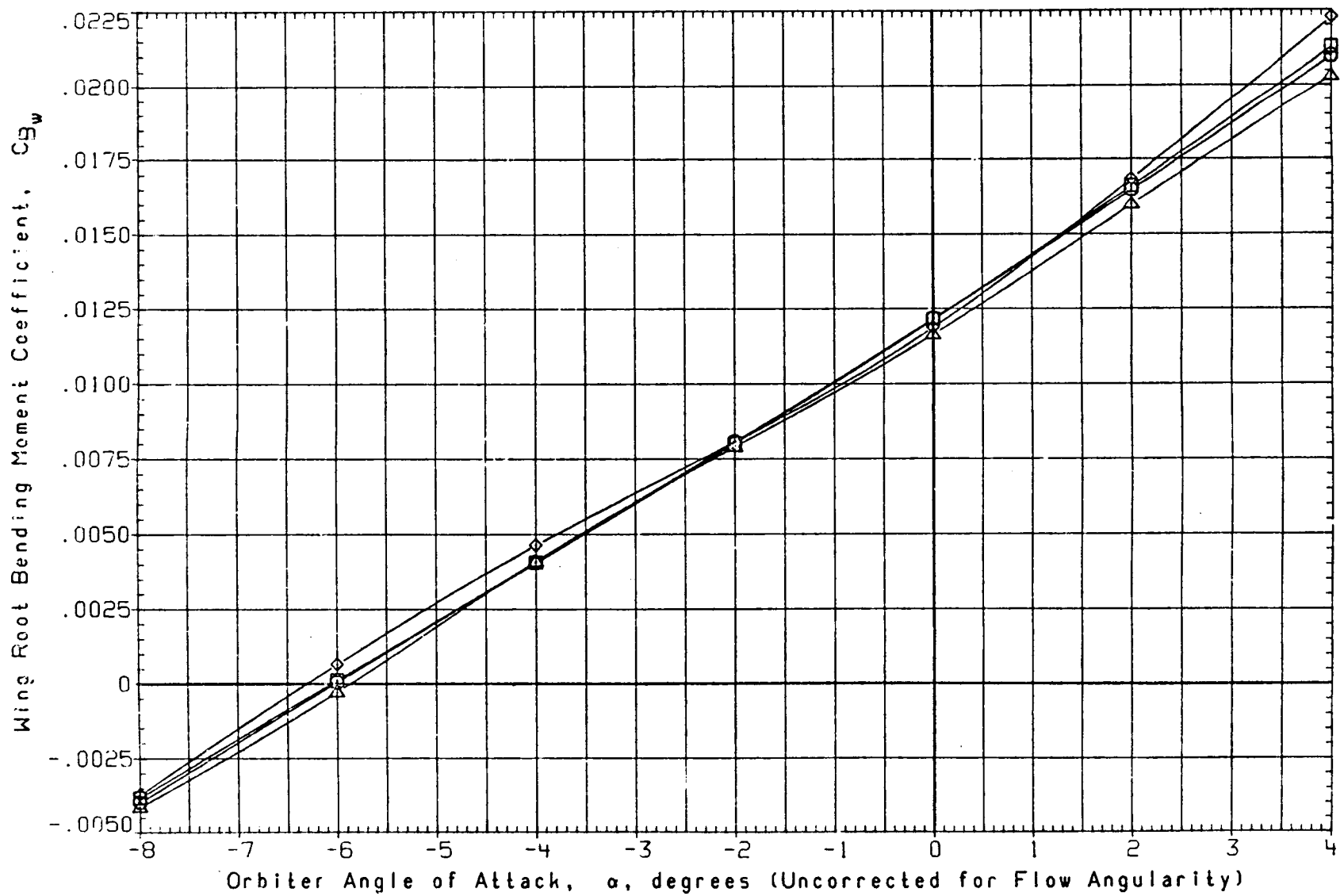


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

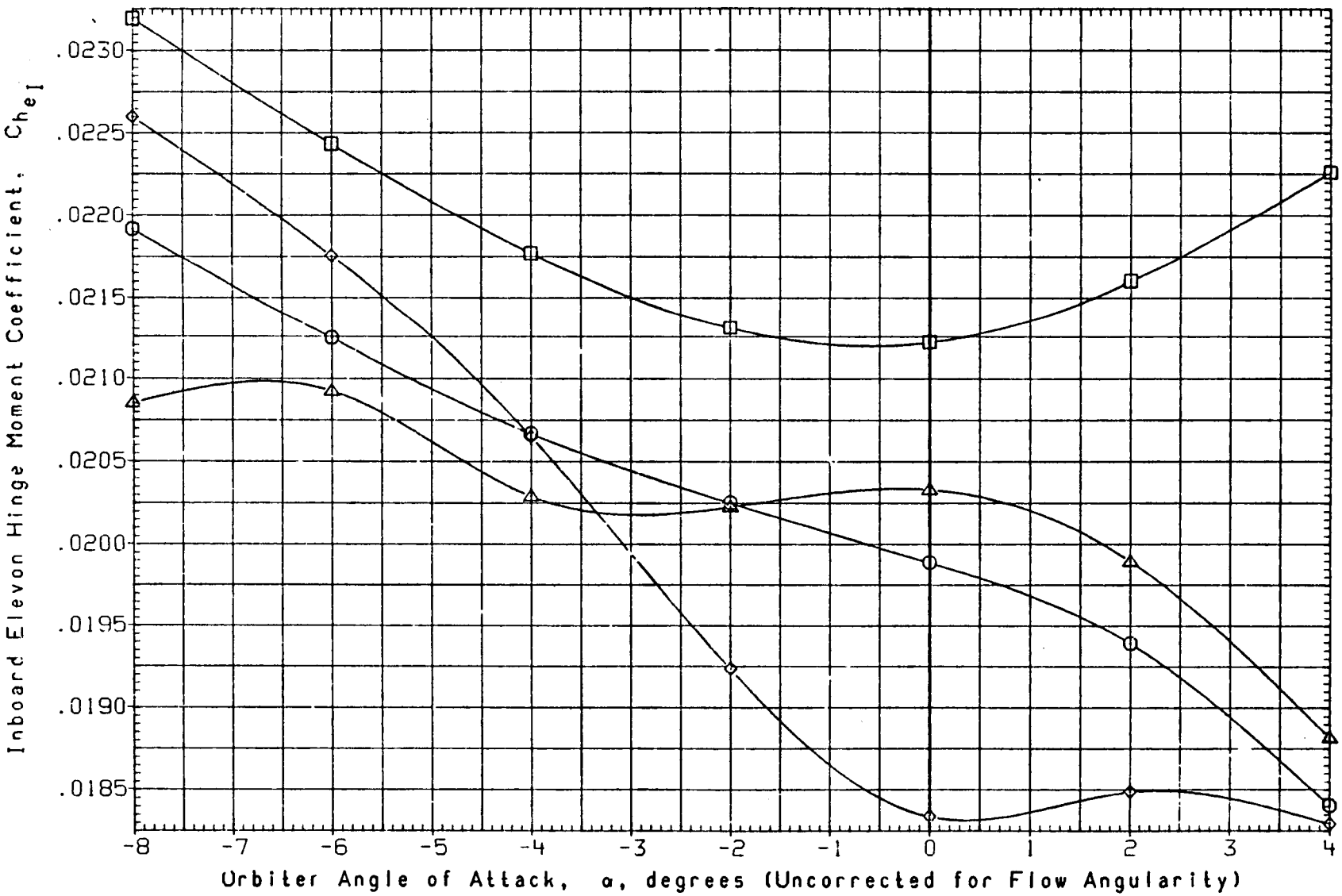


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

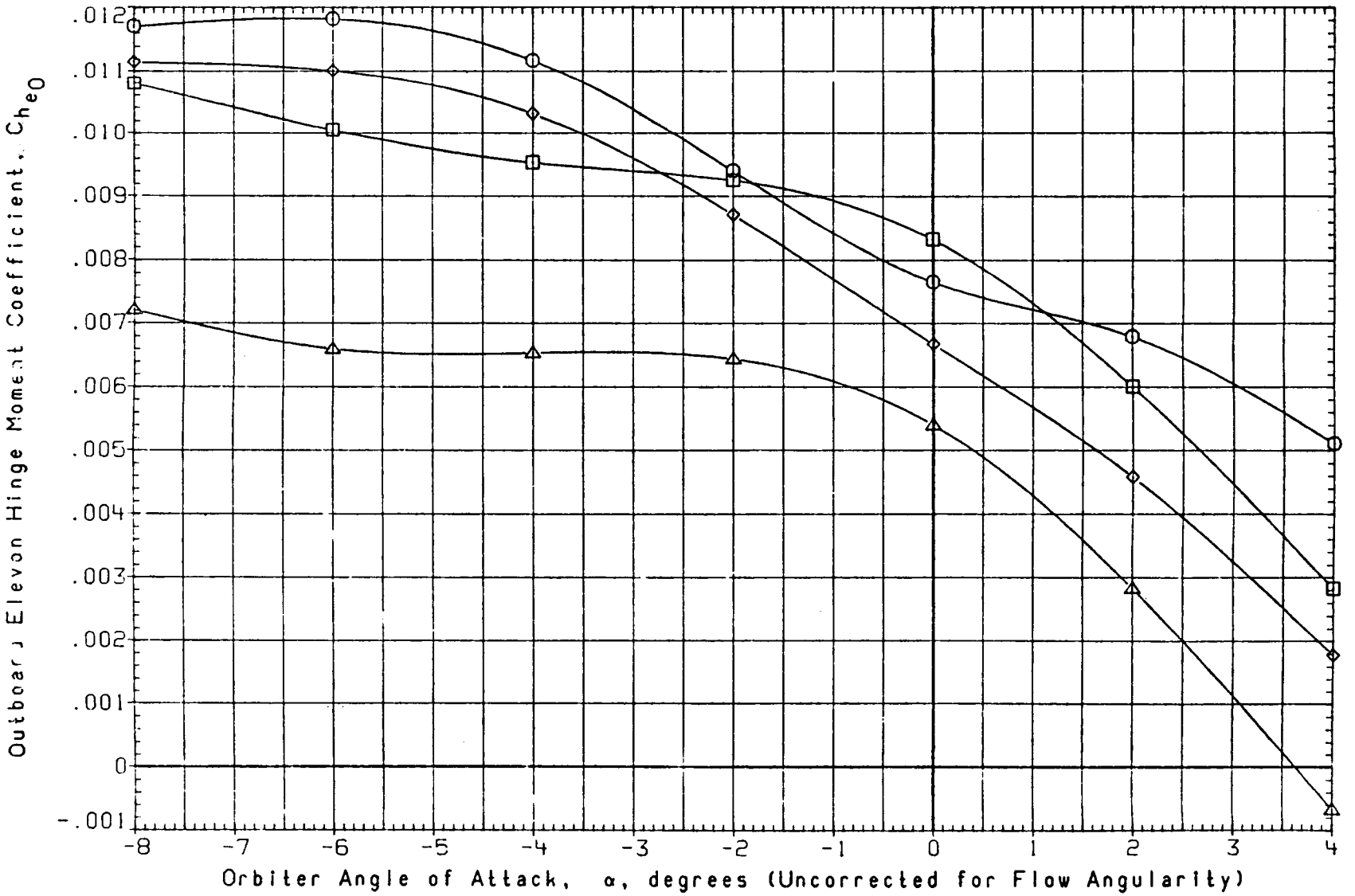


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

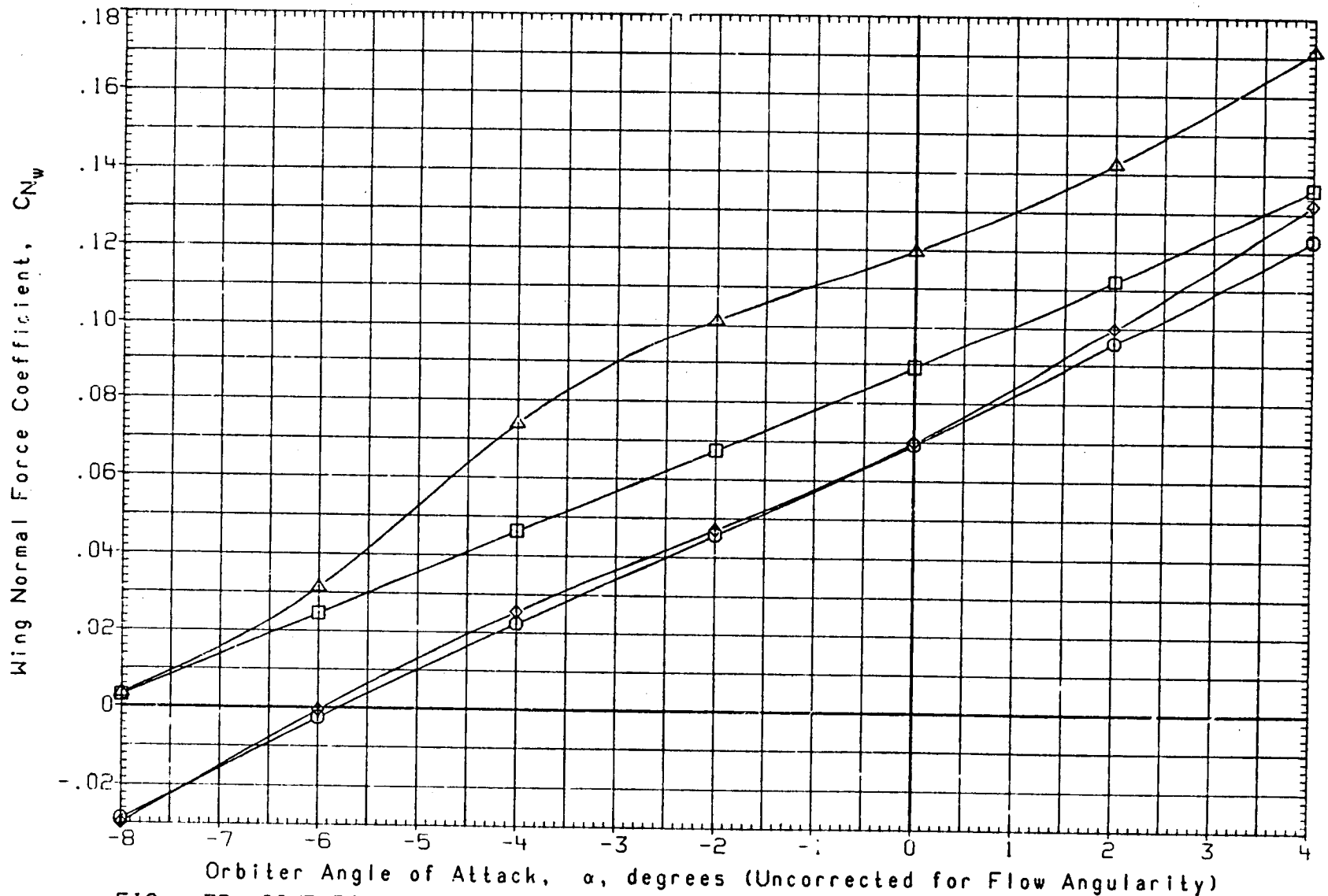


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

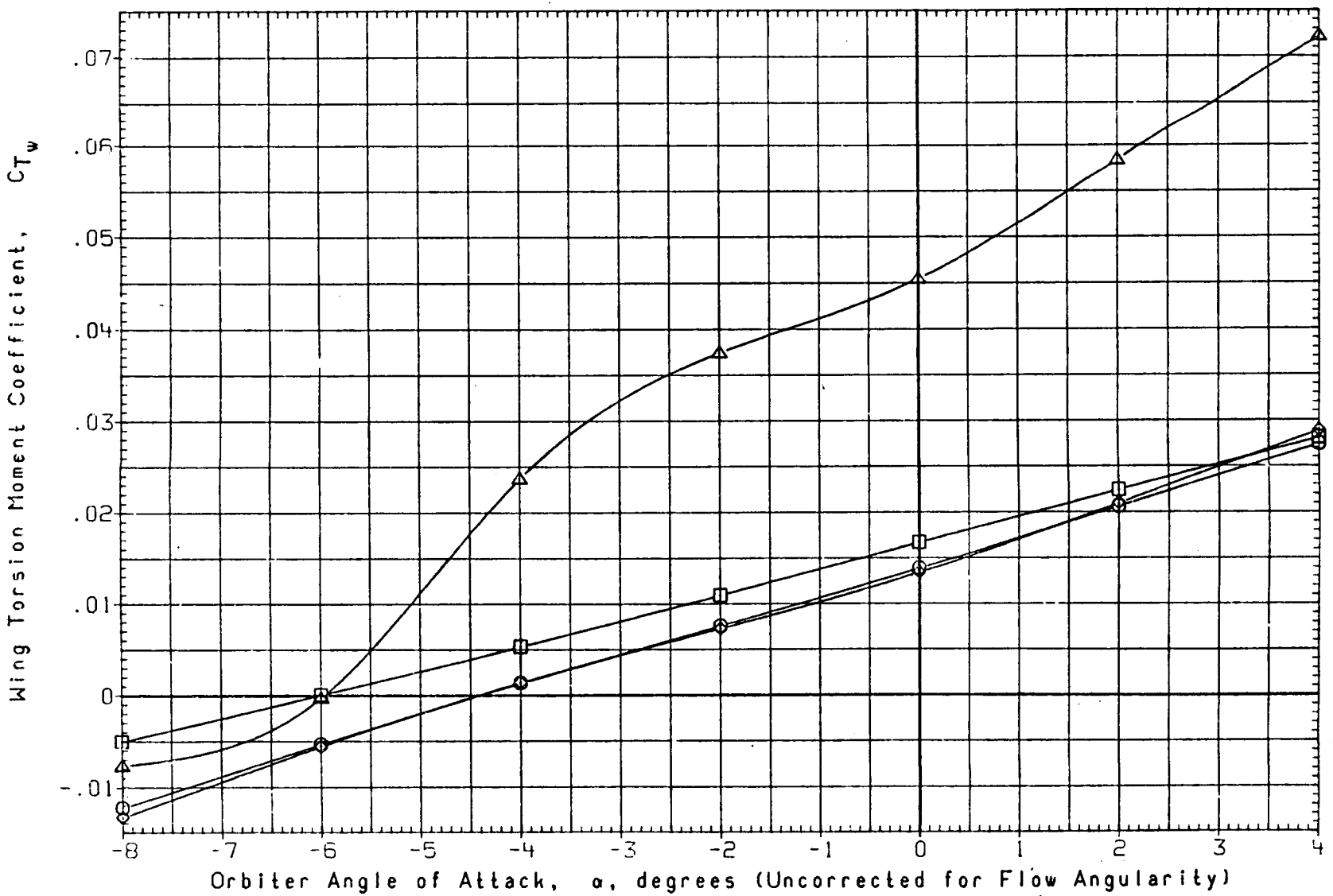


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SE.	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

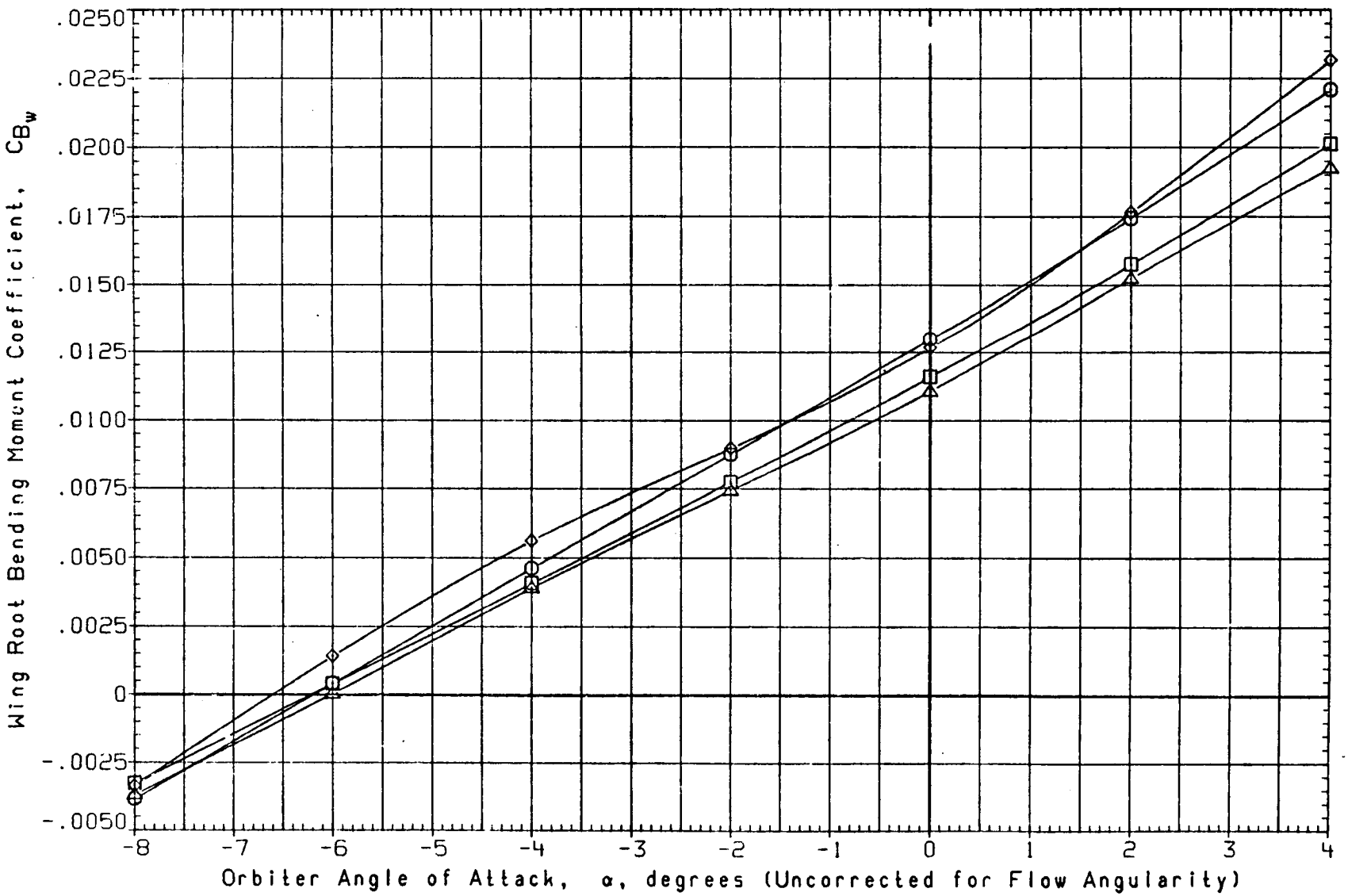


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

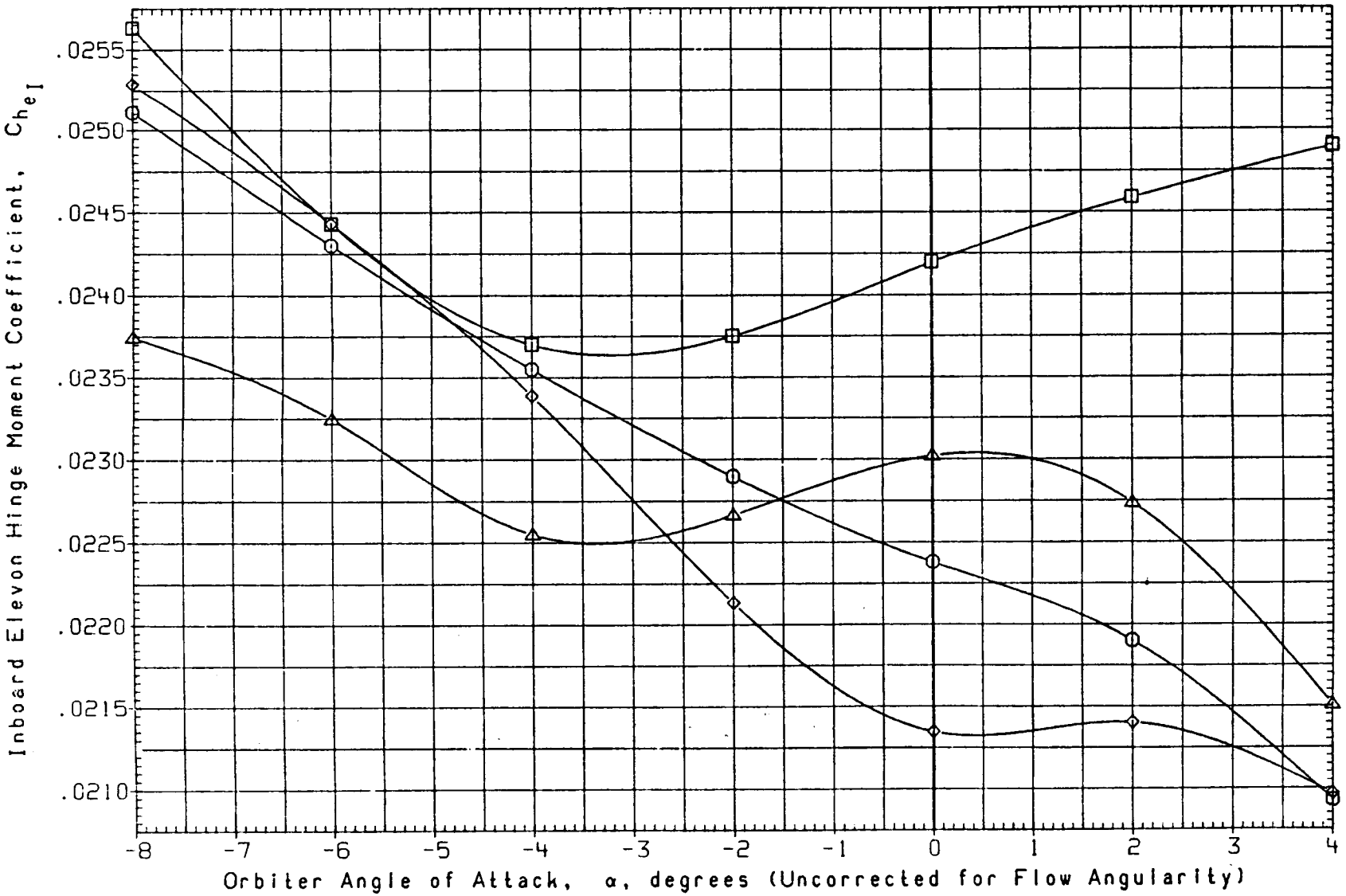


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

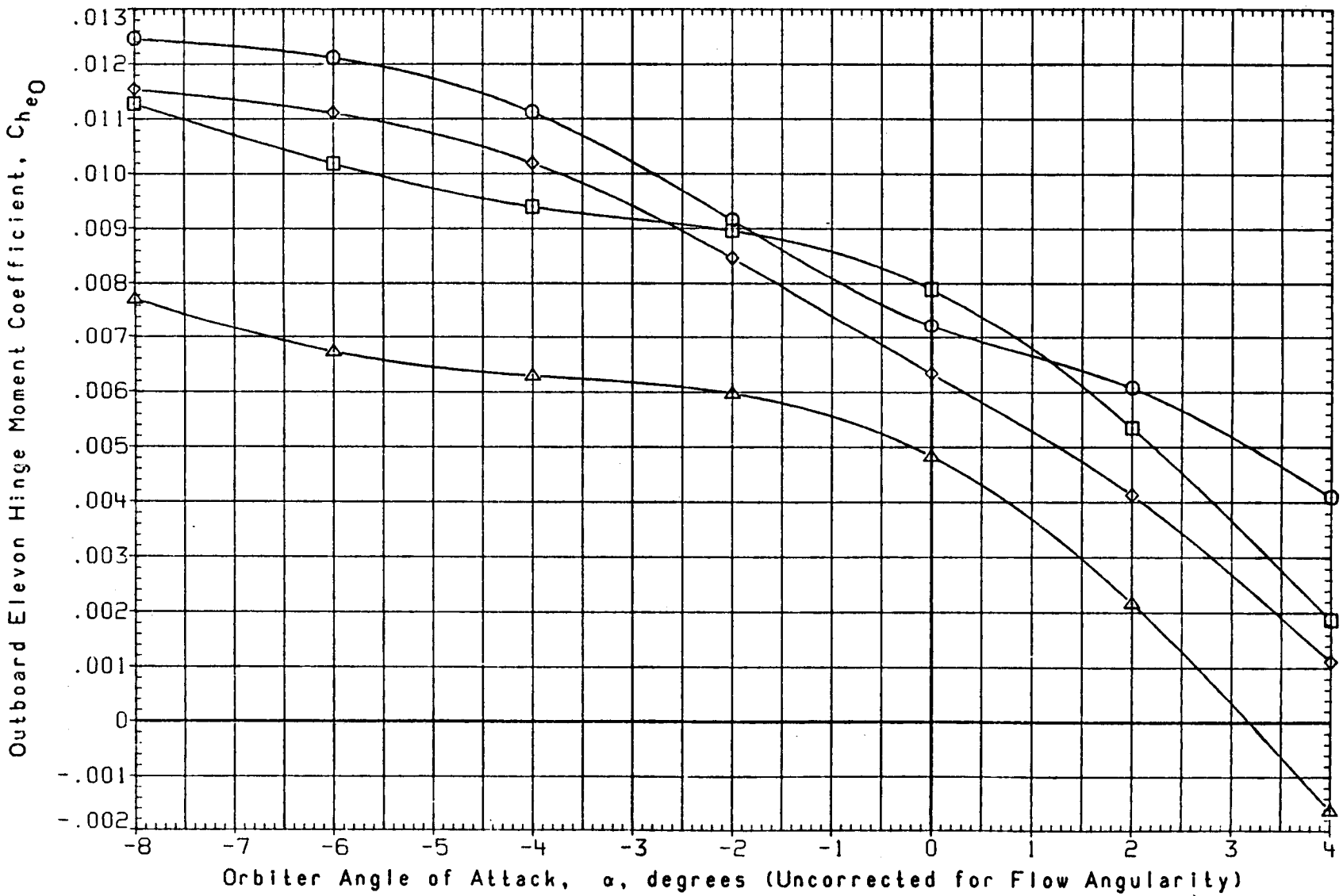


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
08PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

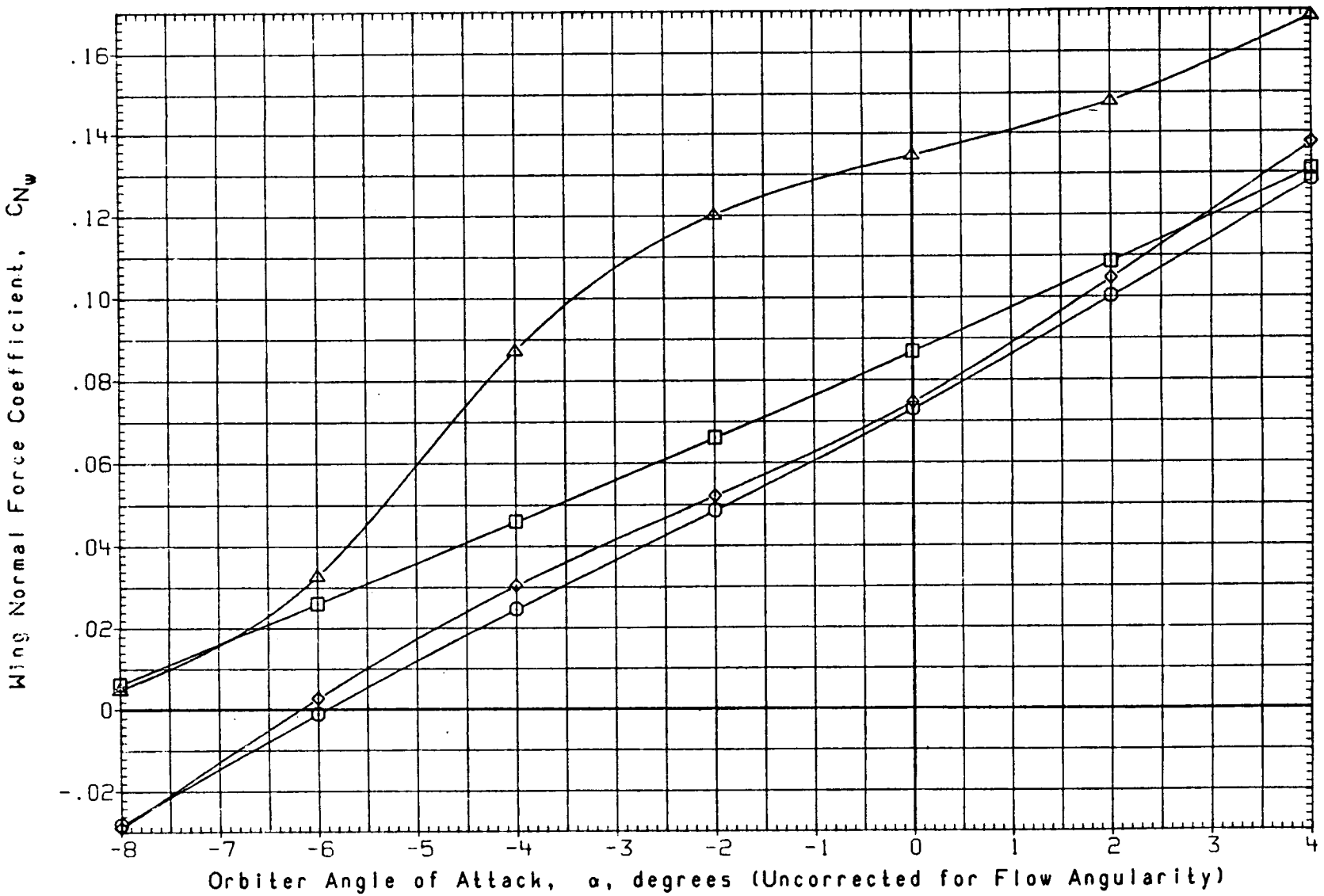


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

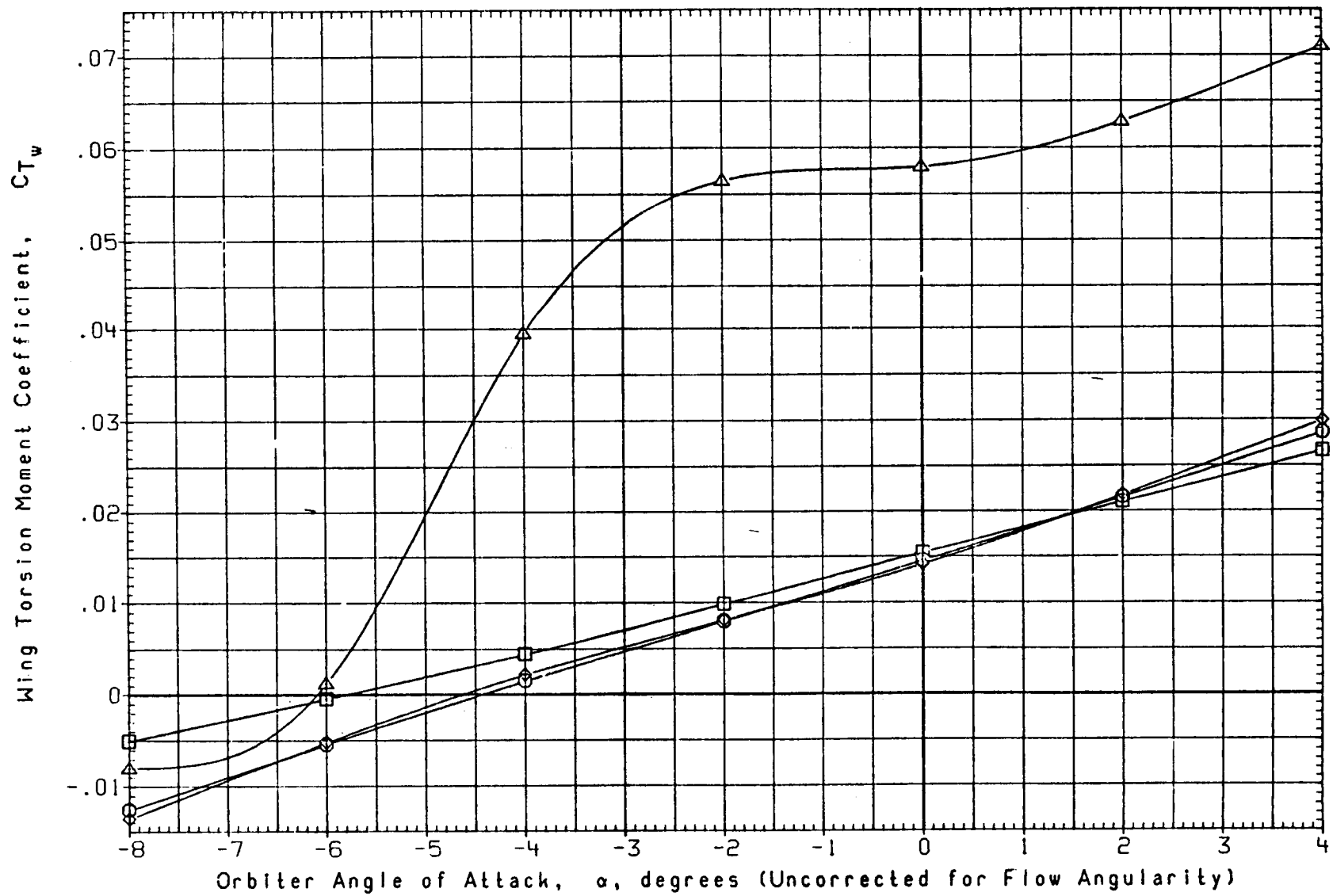


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

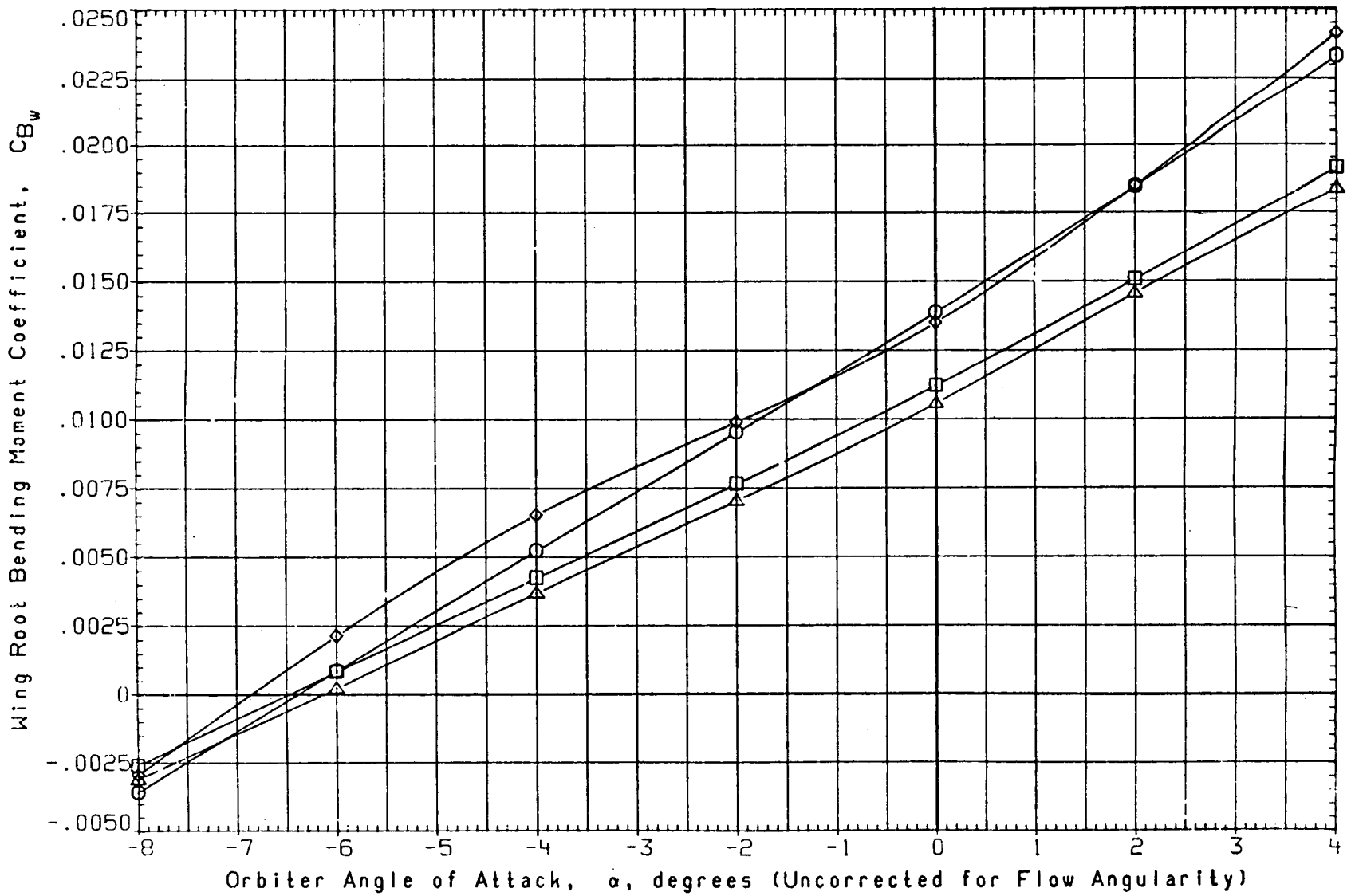


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA132 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

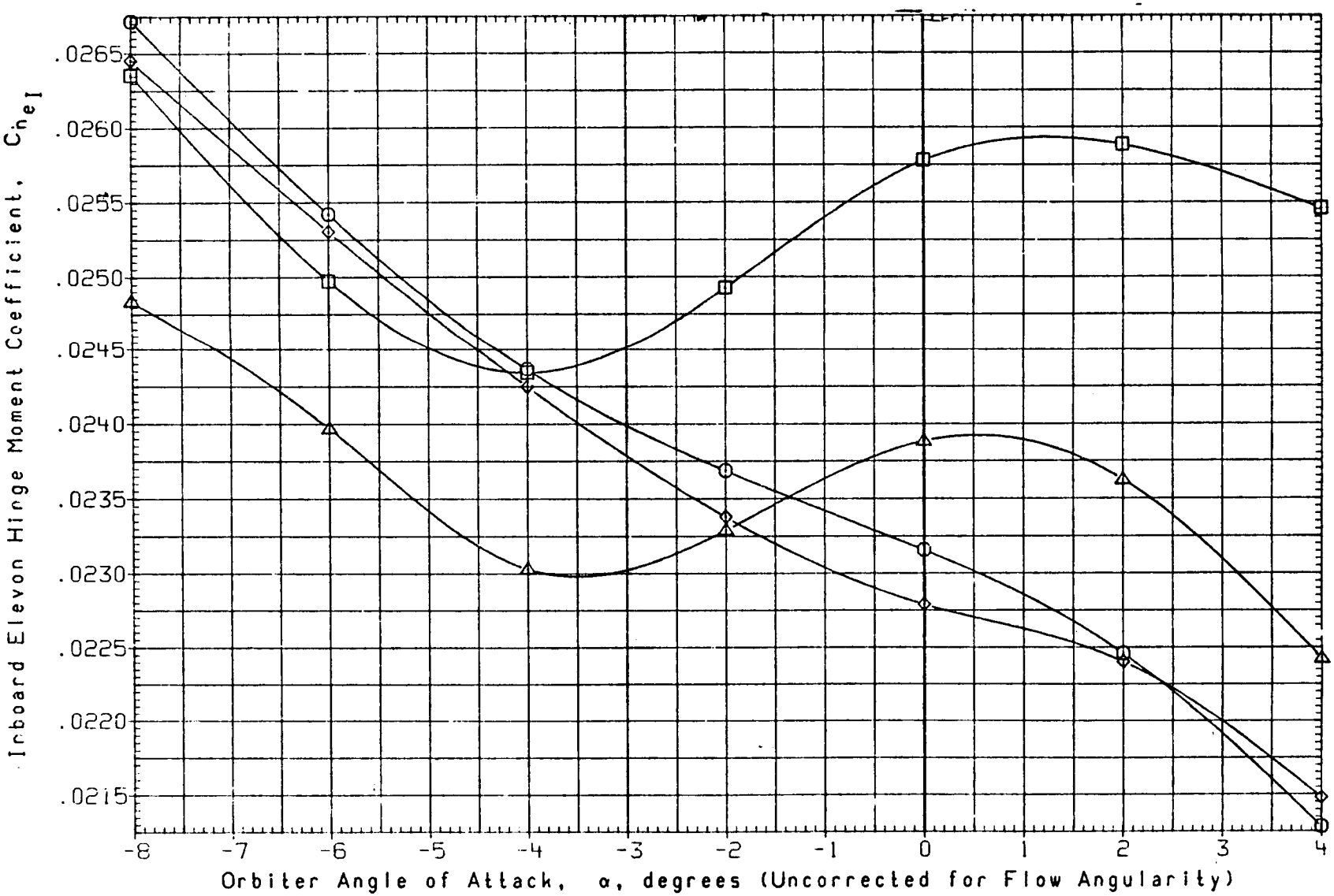


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O9PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

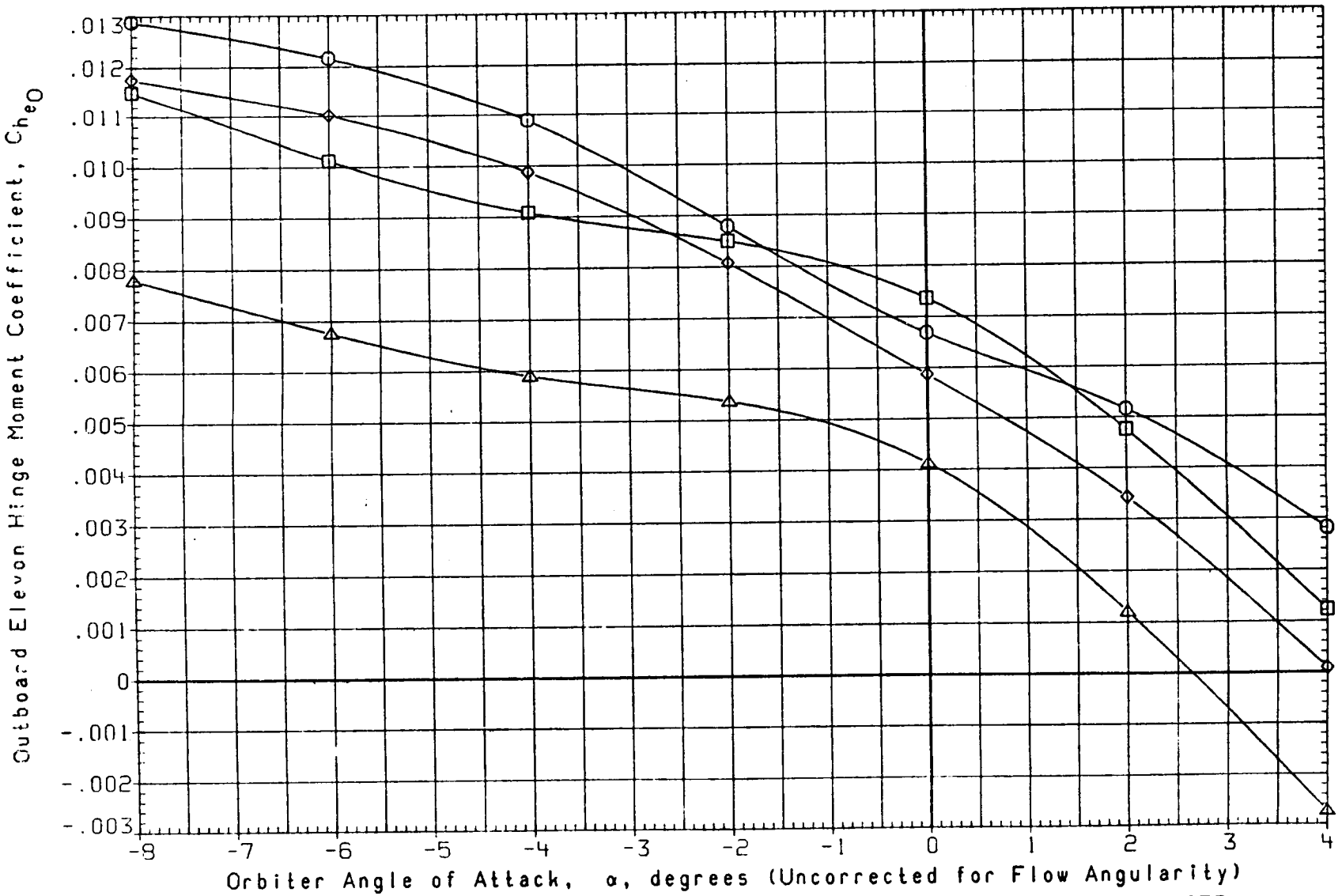


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

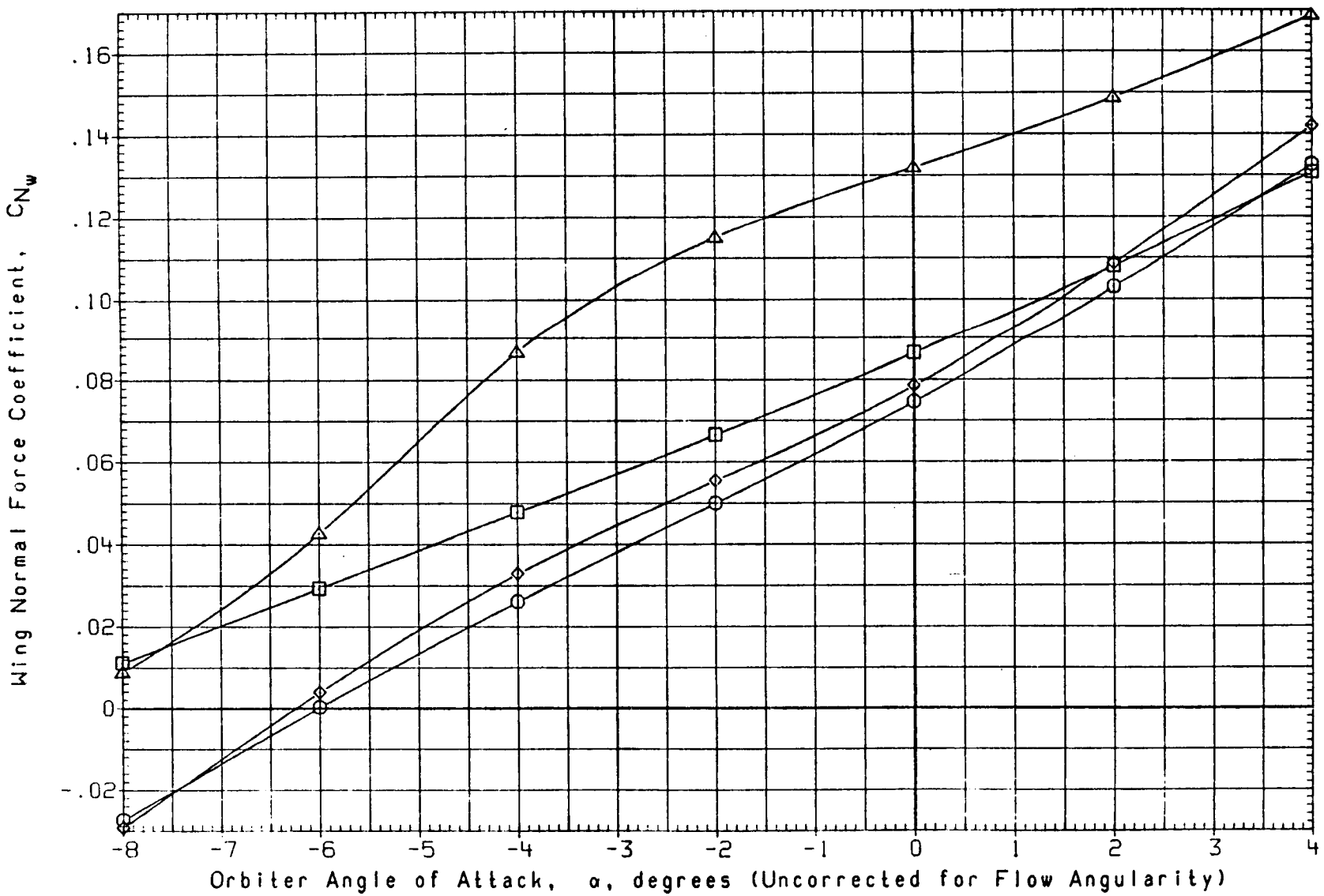


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA193,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

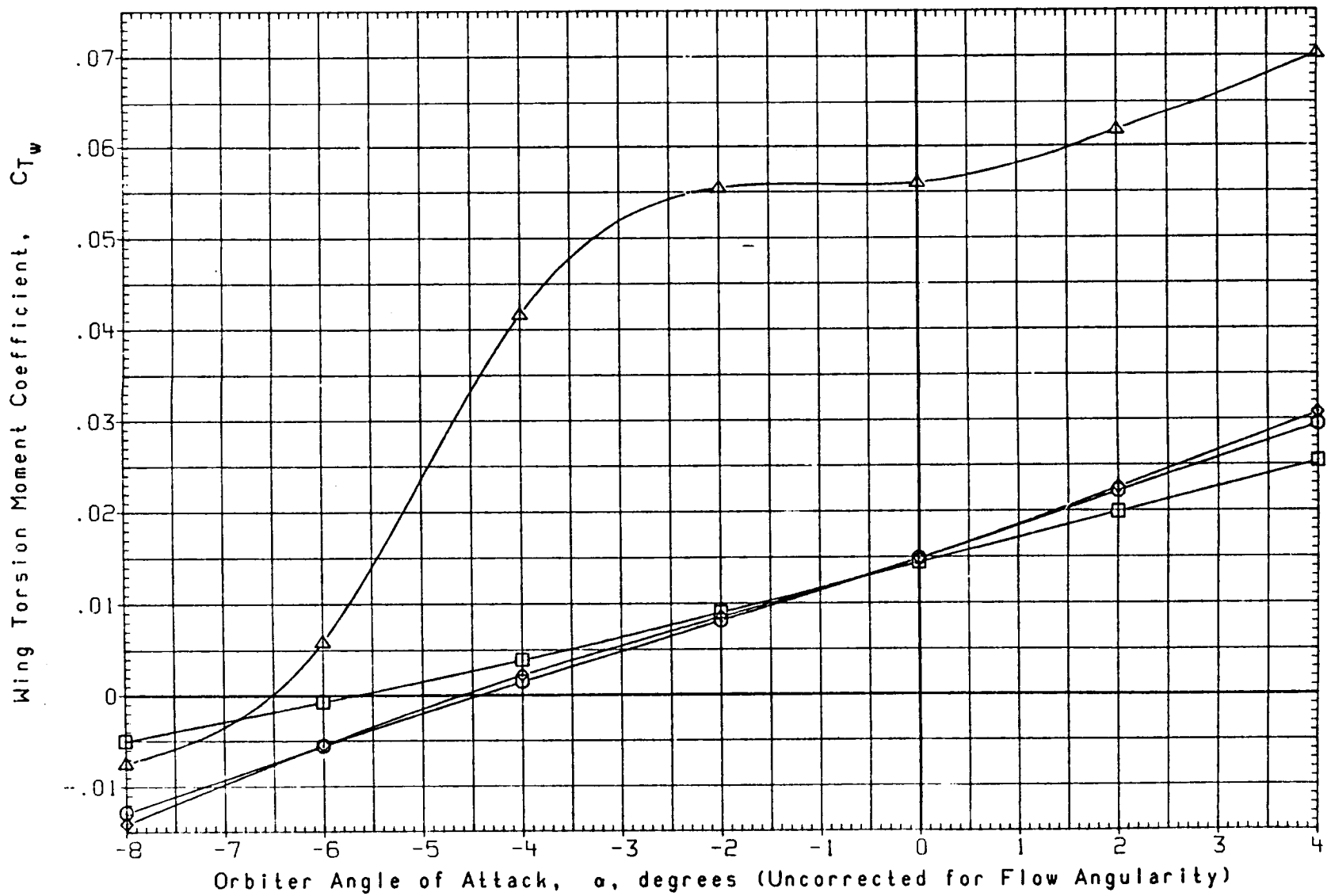


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

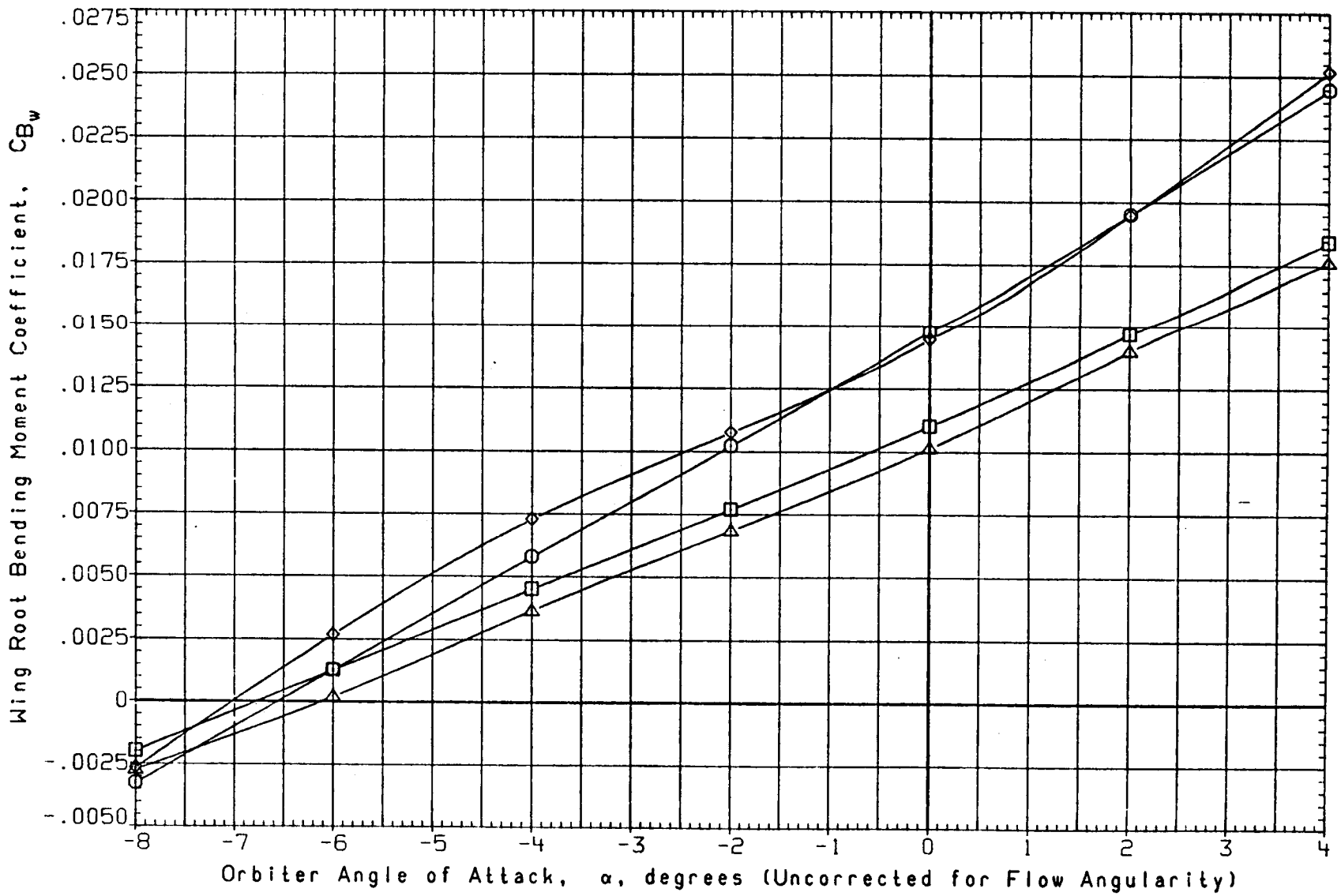


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
08PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

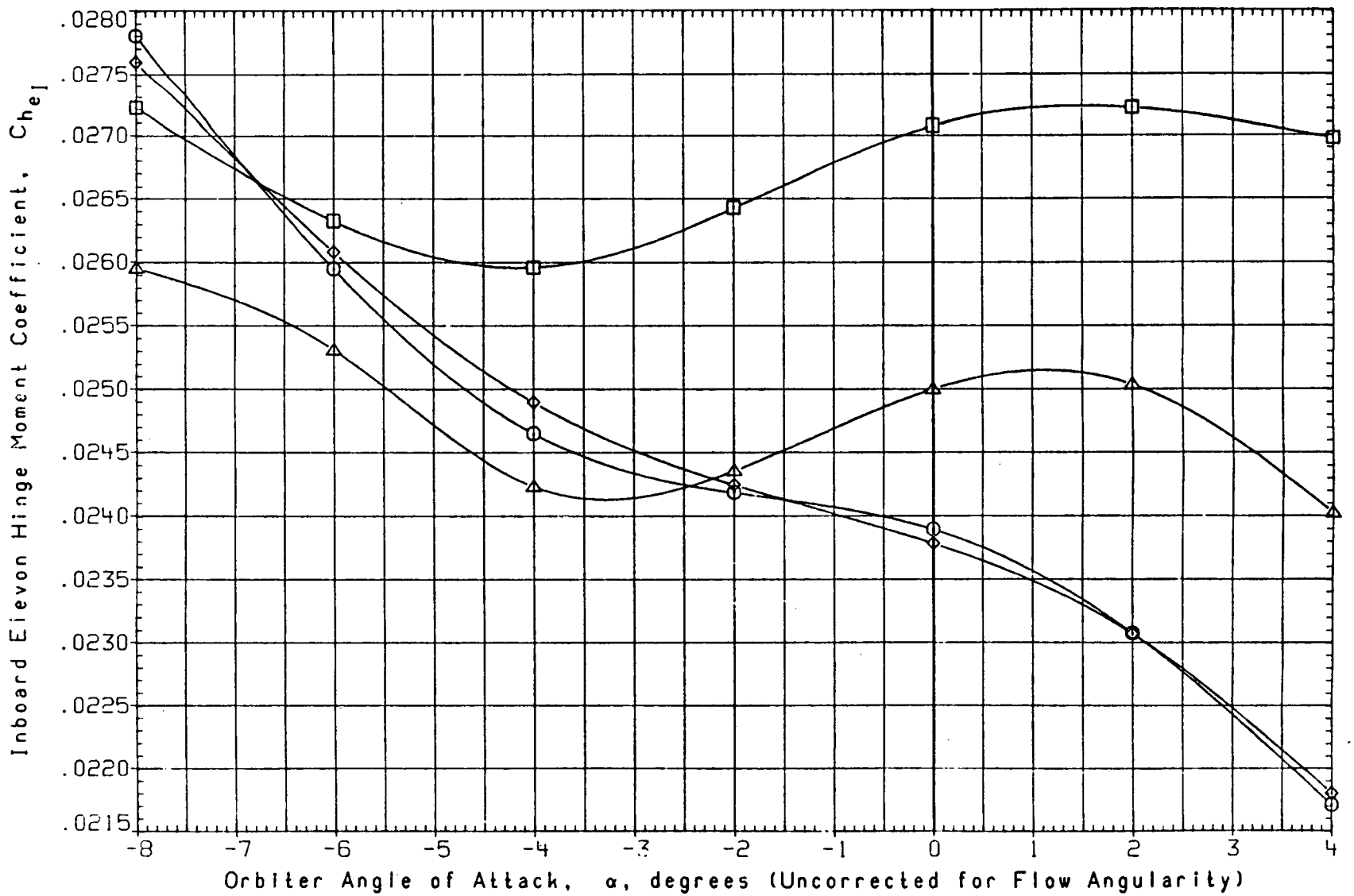


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PW14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.600	10.000	5.000
U8MW35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NW42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

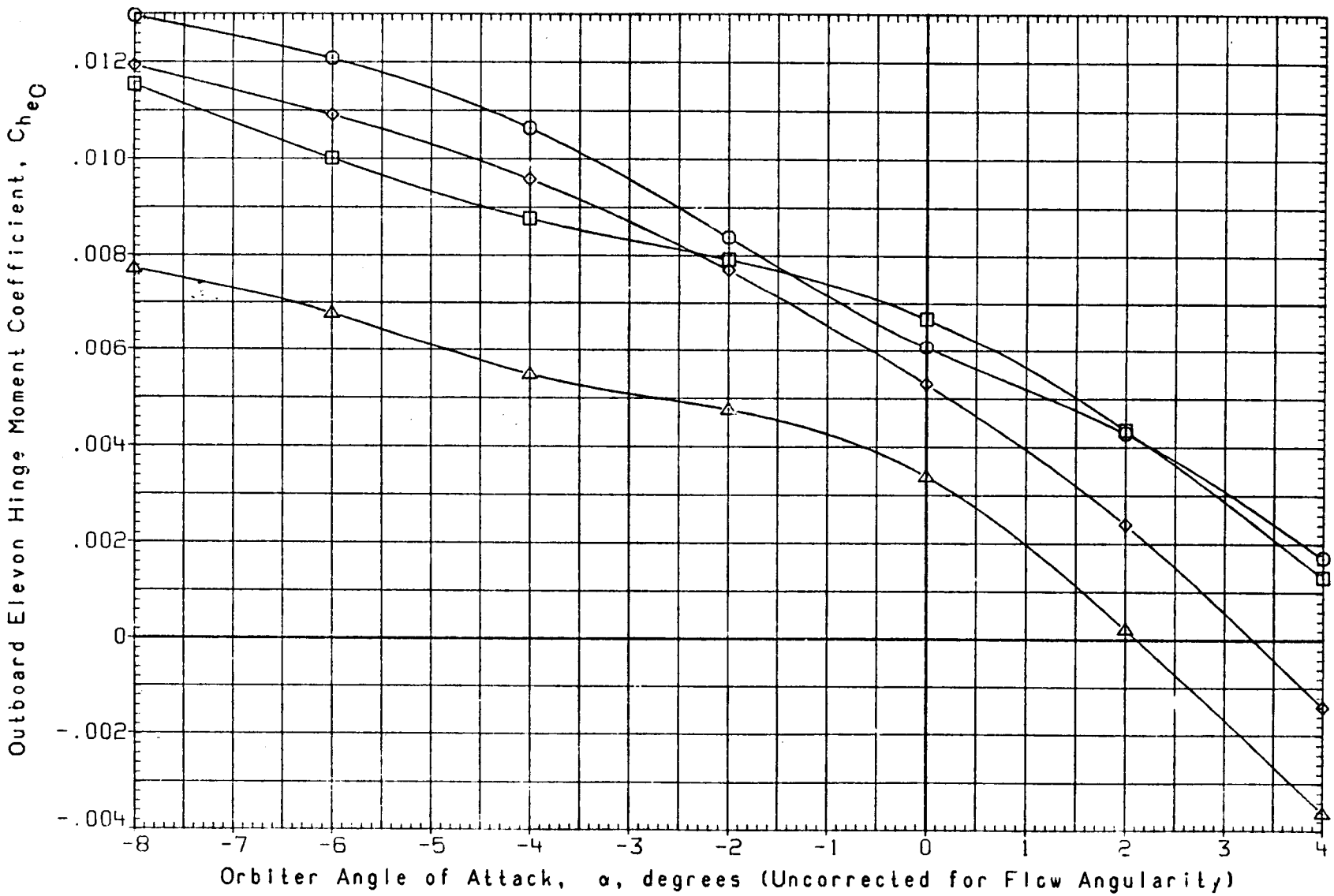


FIG. 32 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

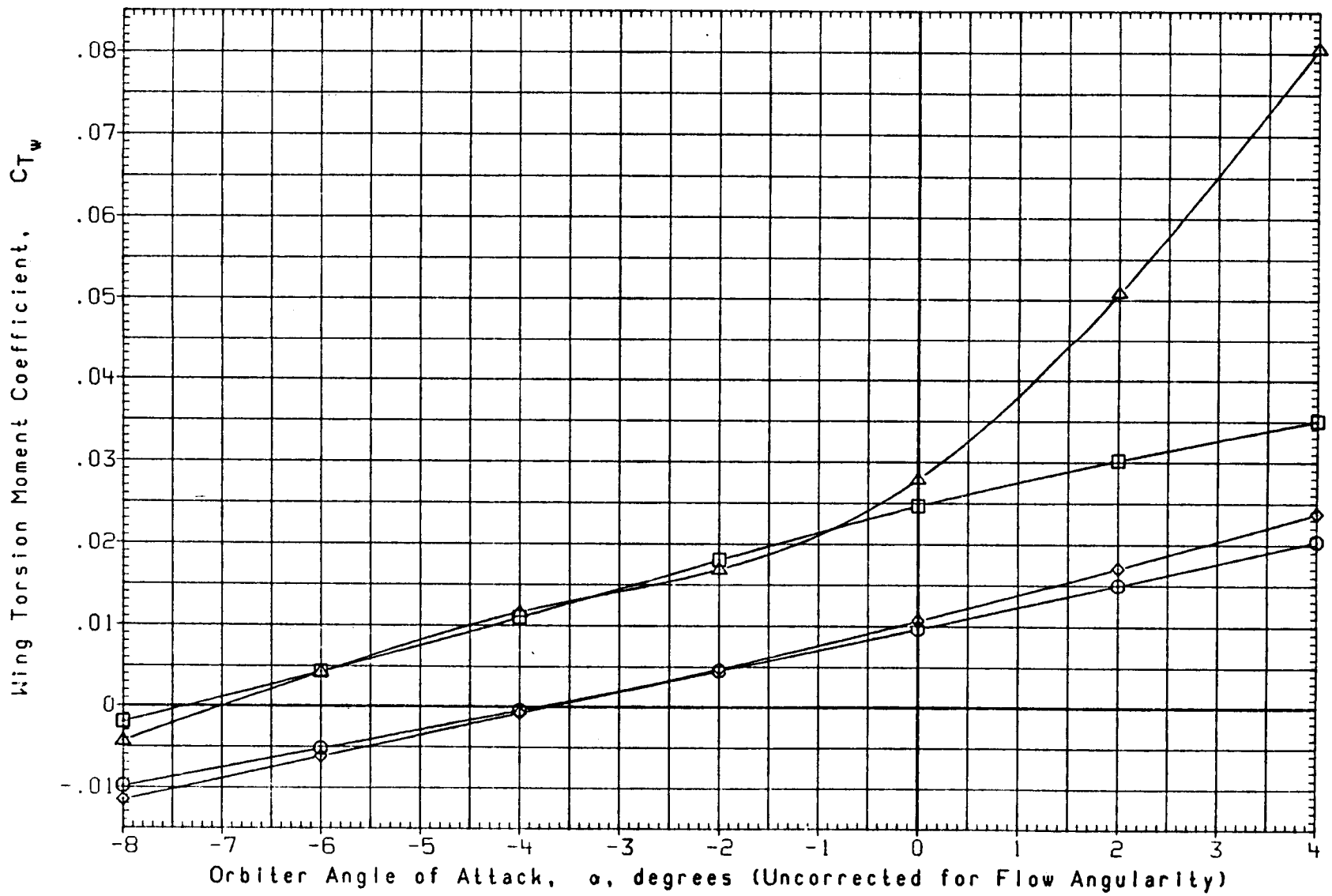


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

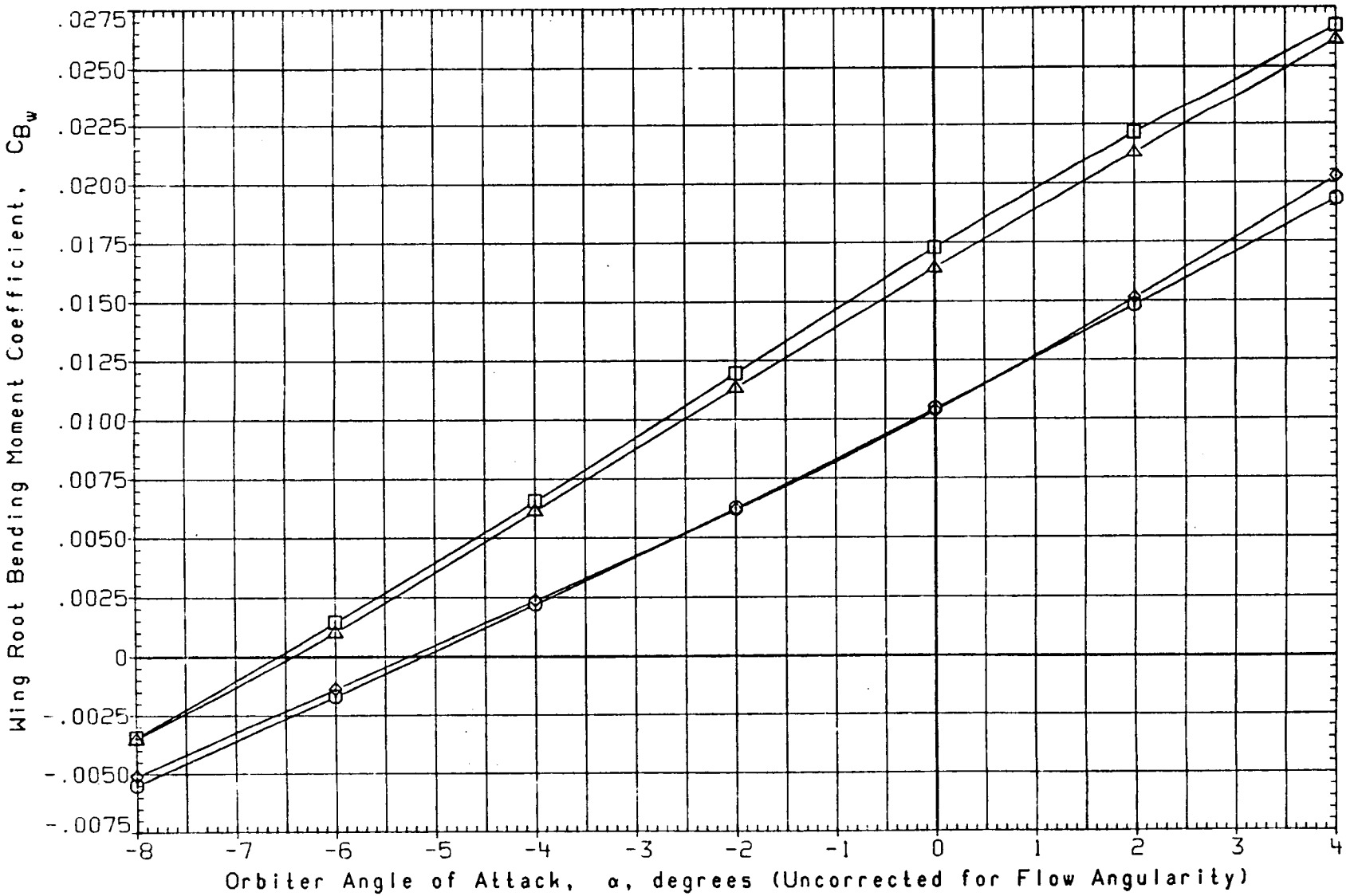


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U60W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U9MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

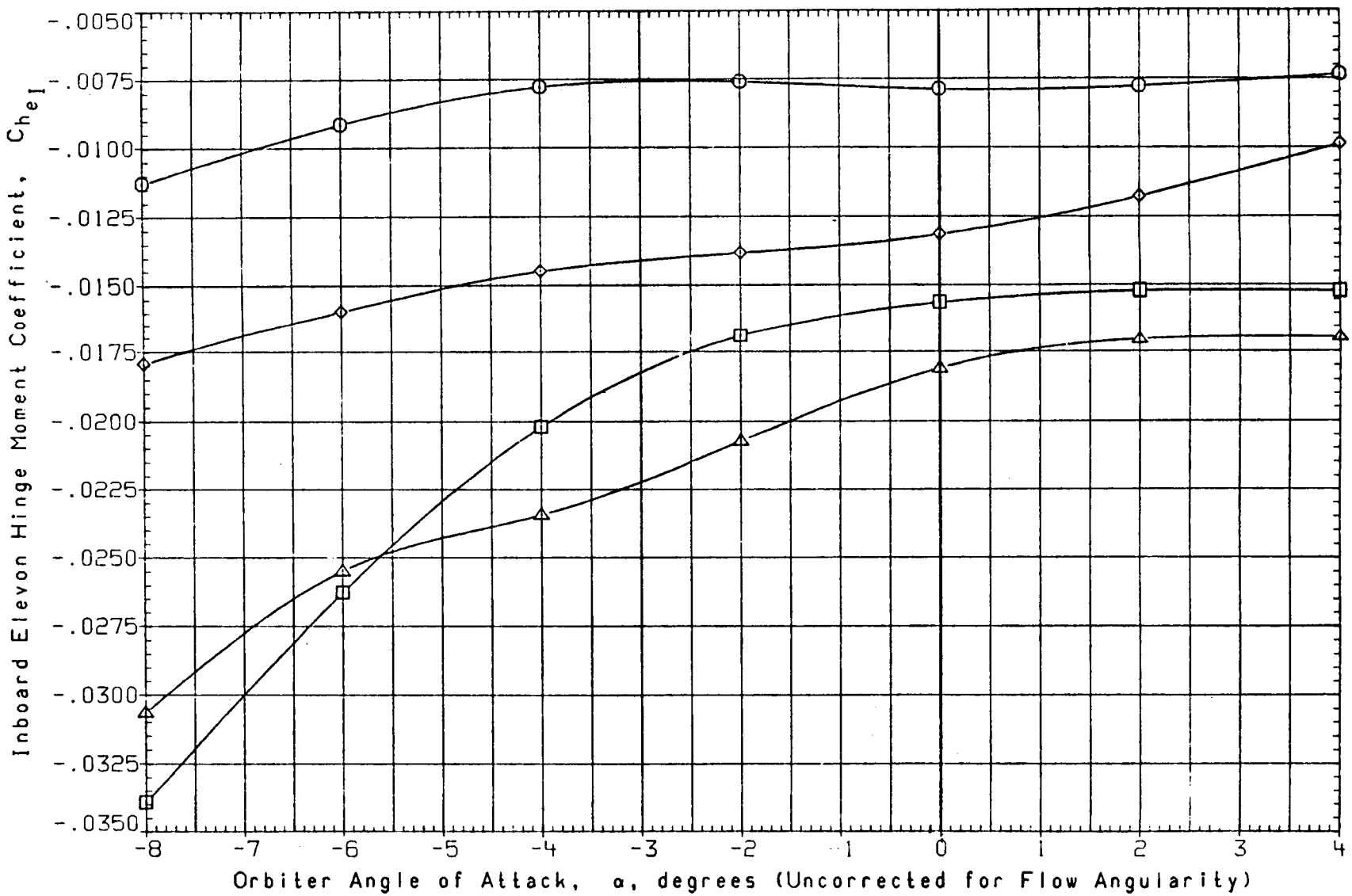


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

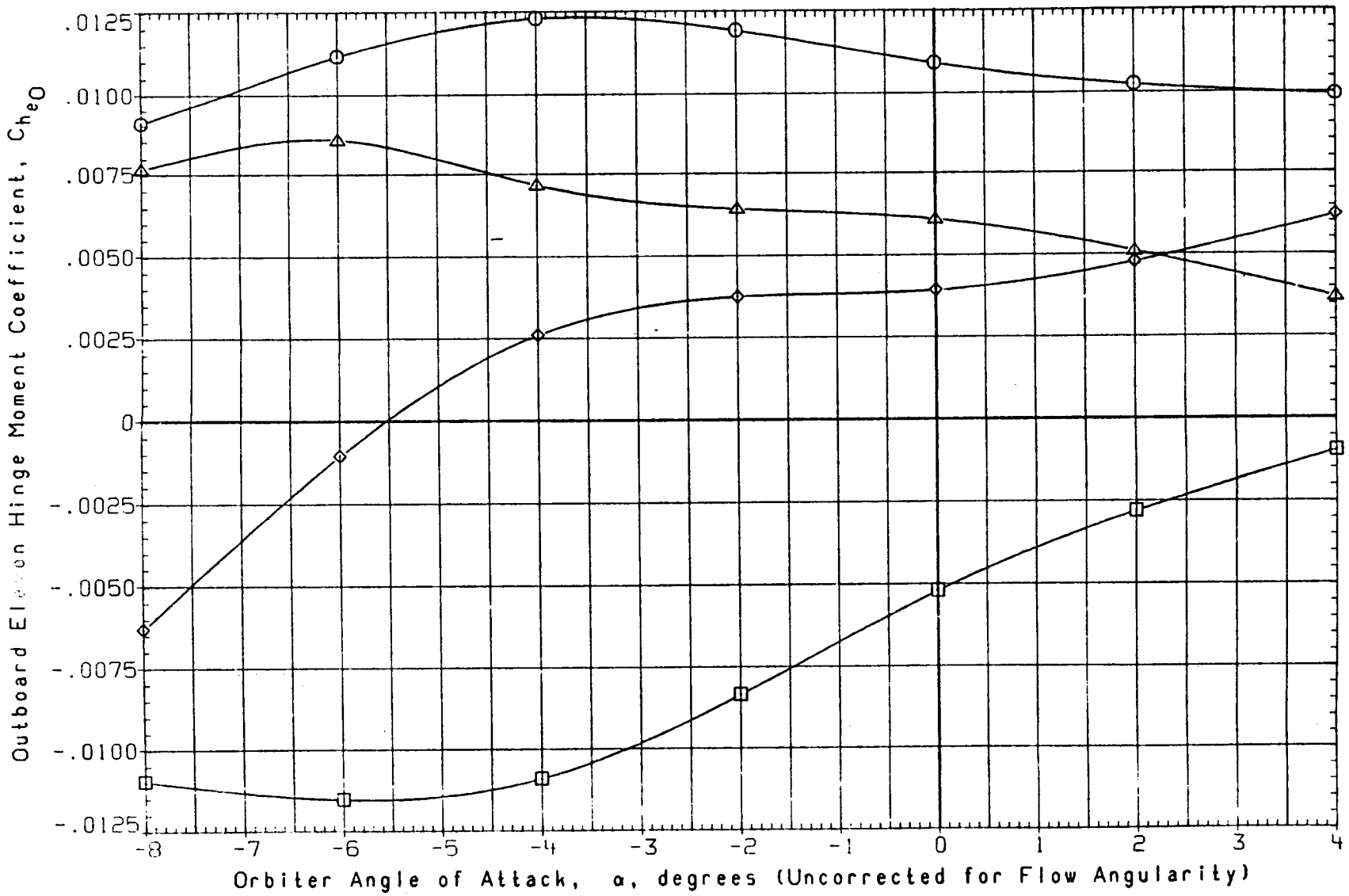


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

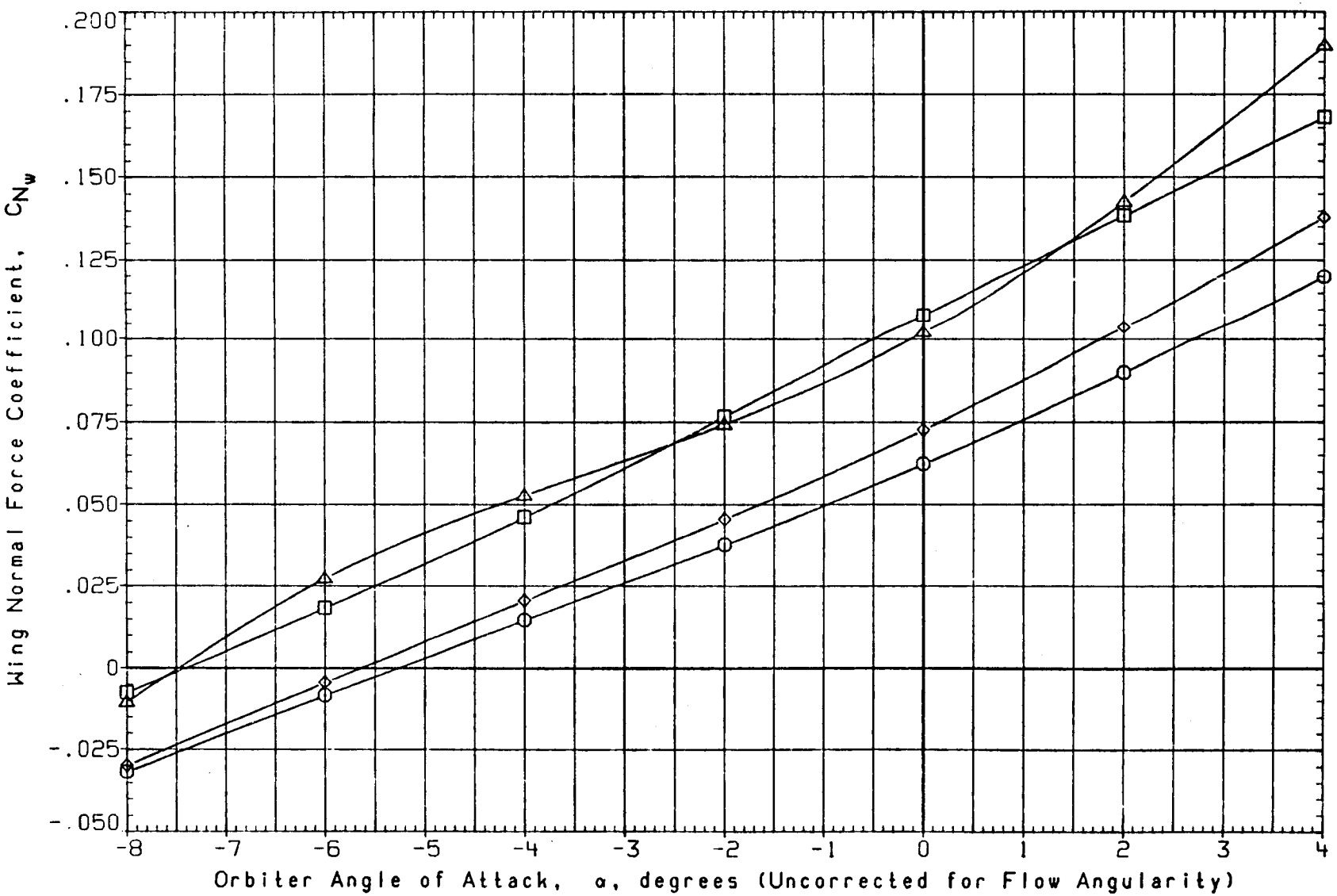


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

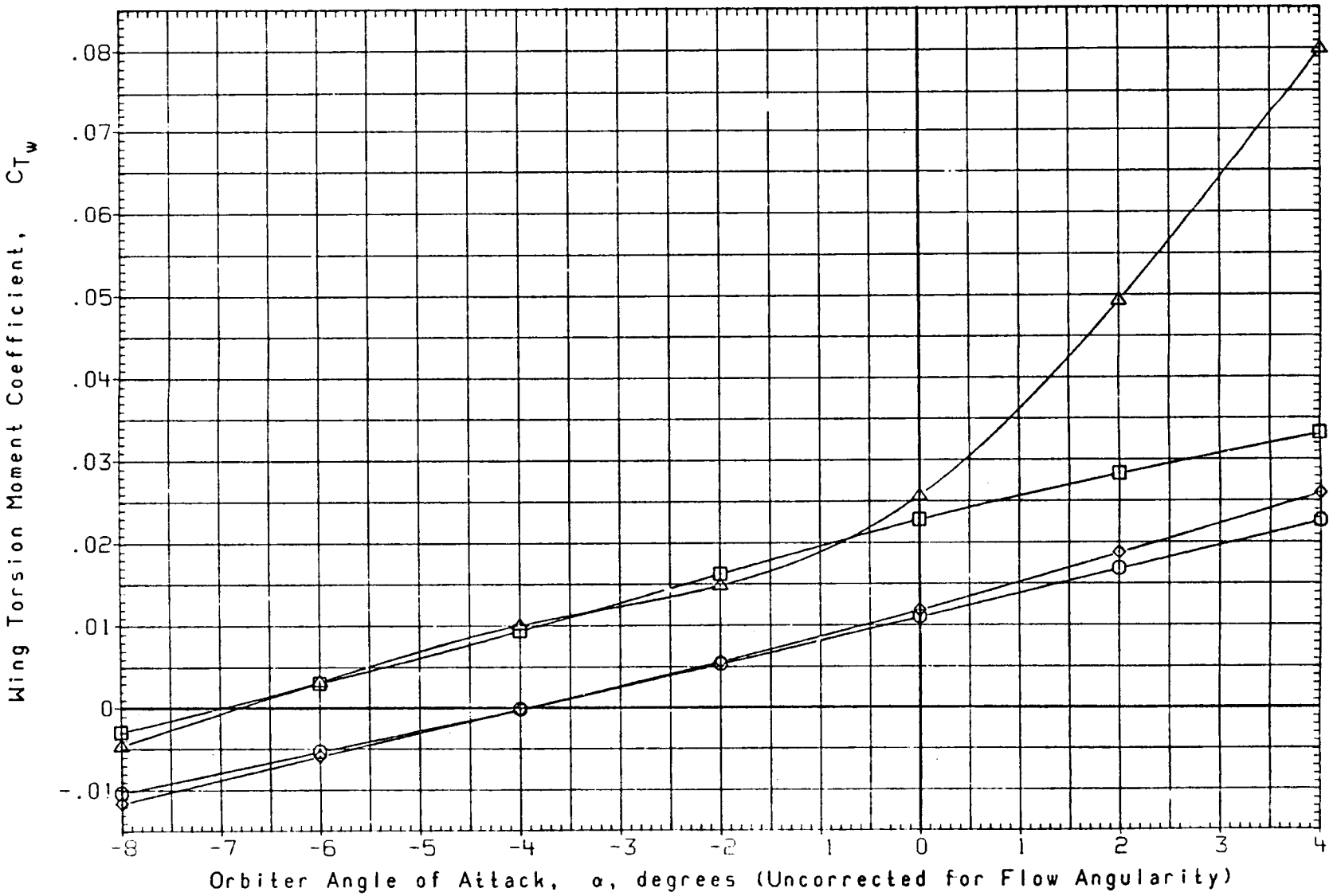


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,CTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000.

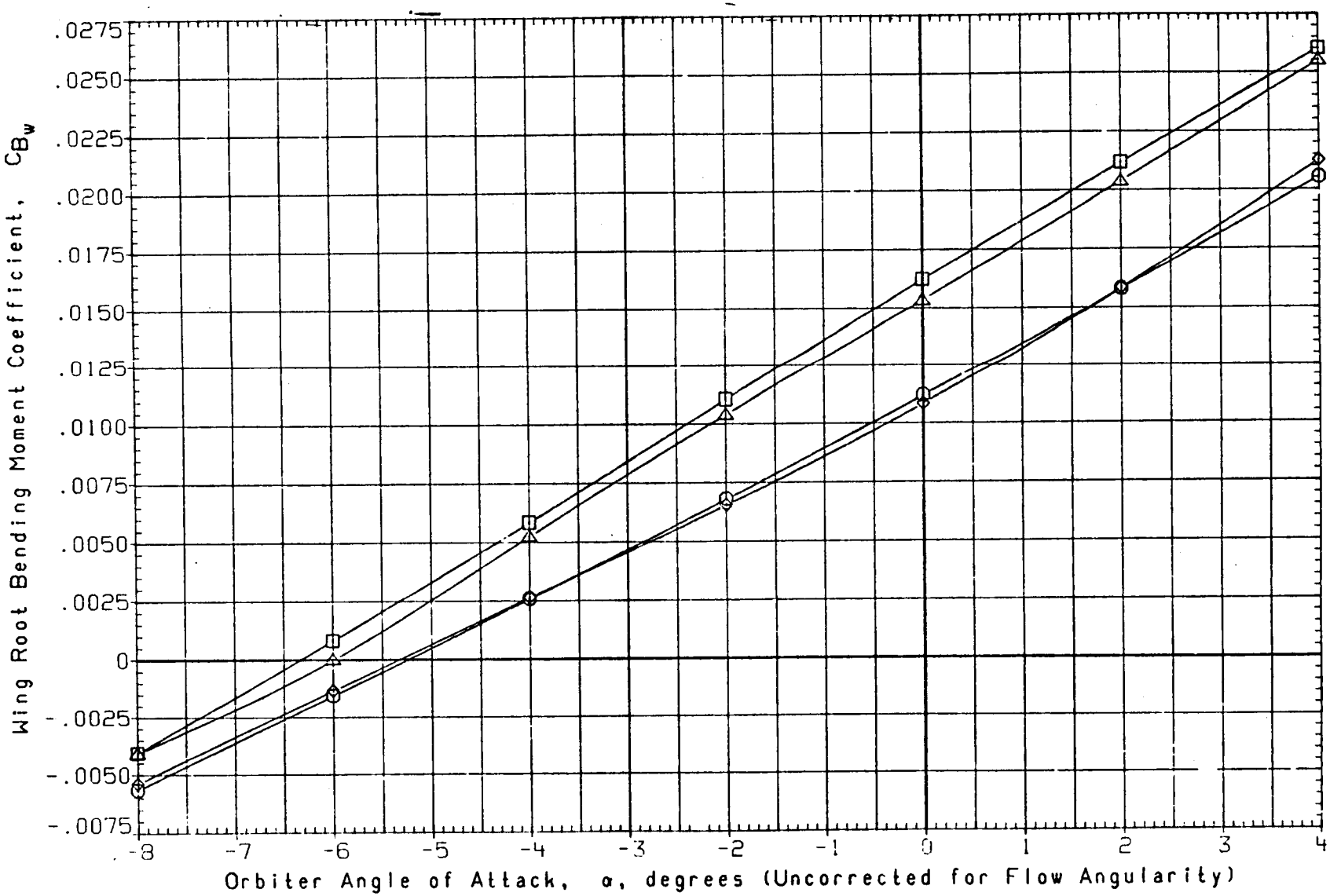


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A.OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

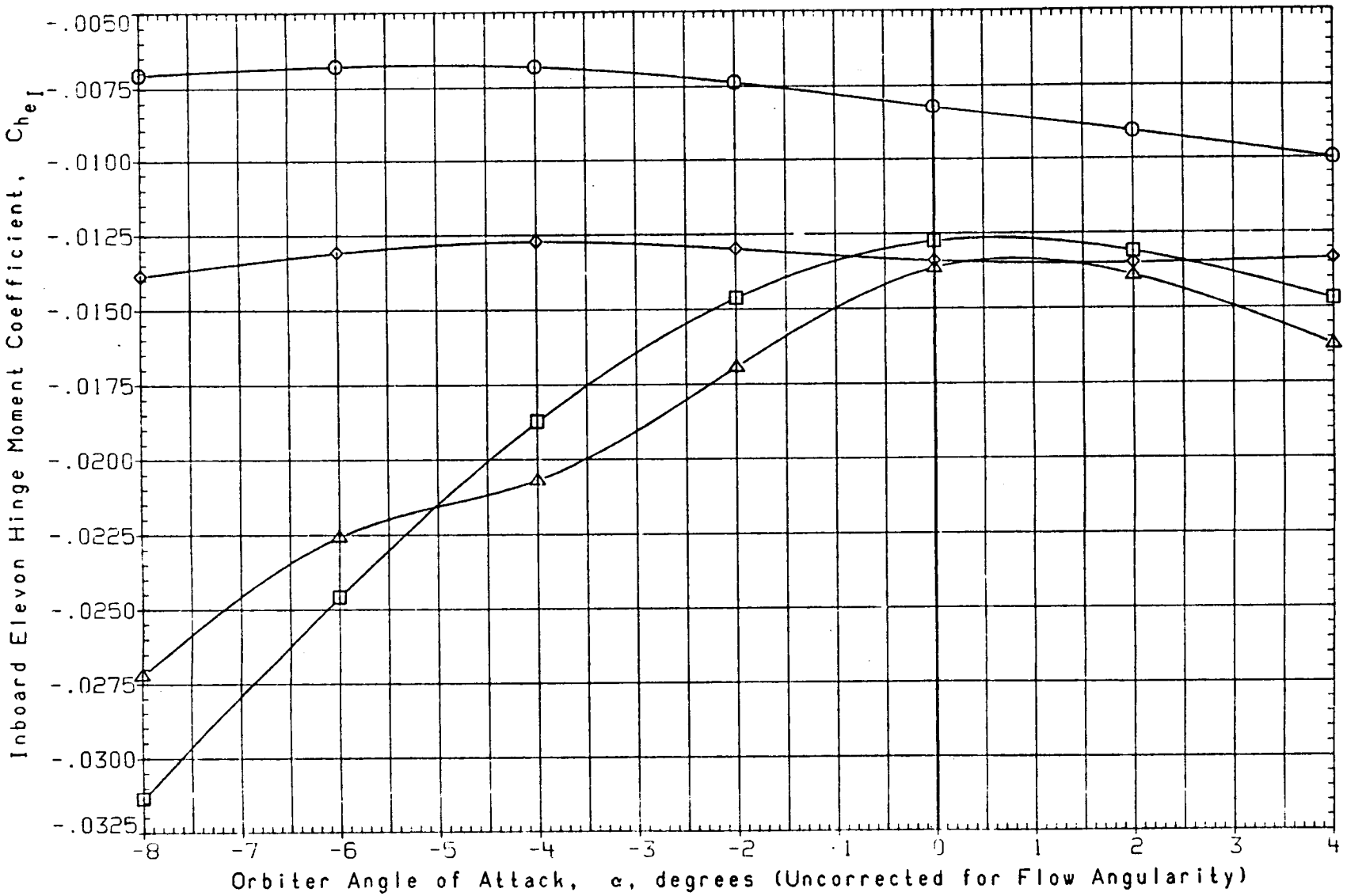


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA1P2 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA155A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

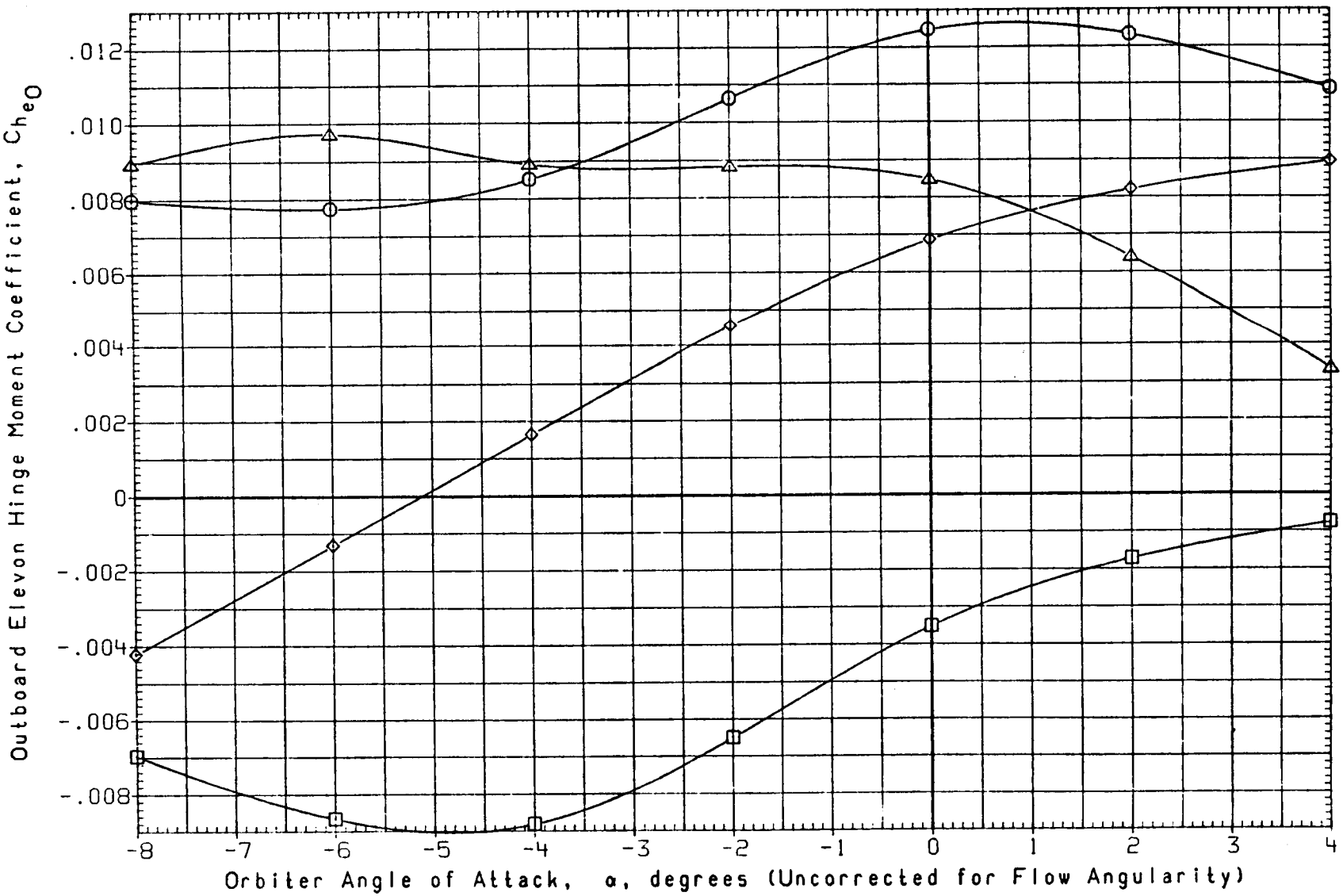


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CWC3	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

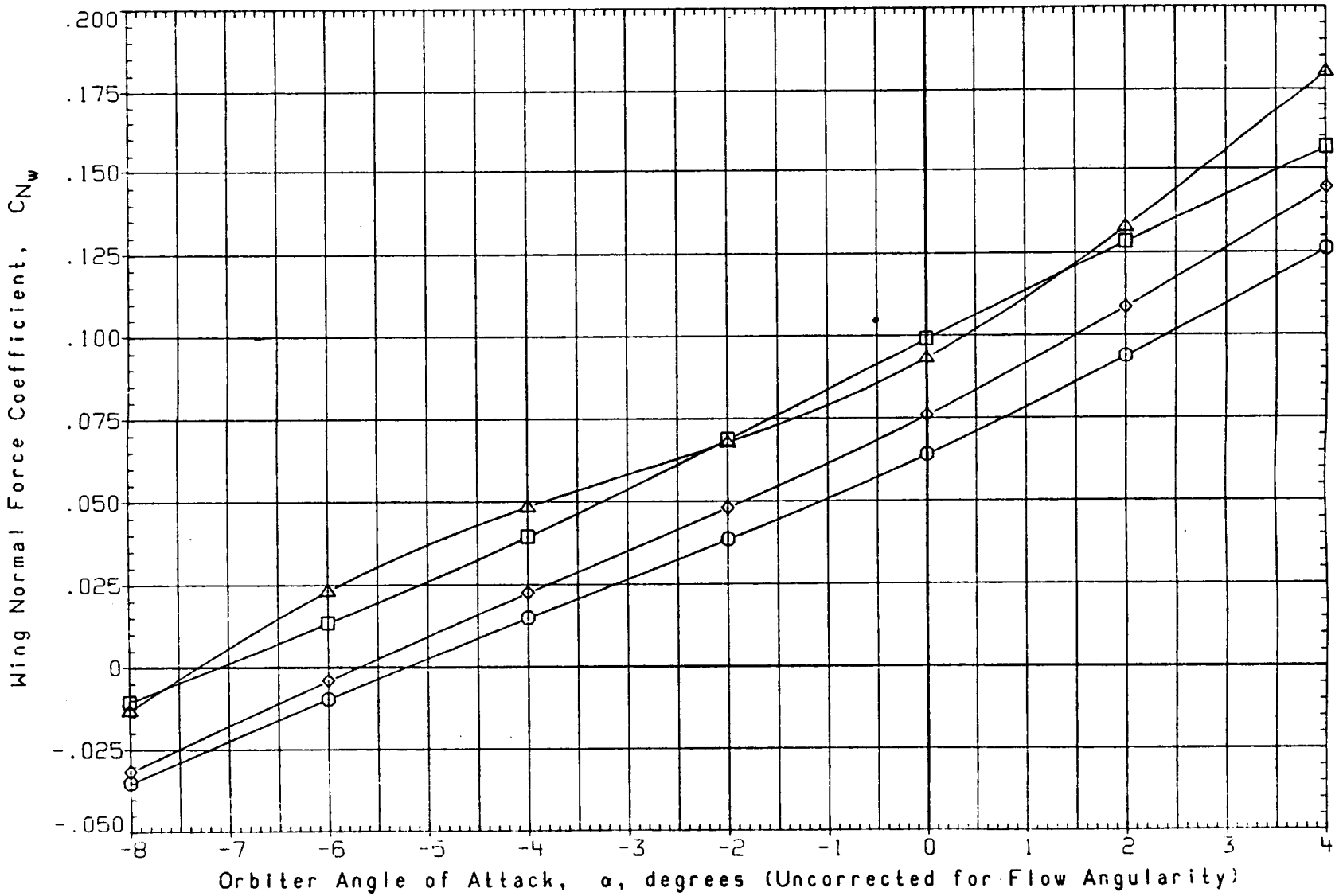


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

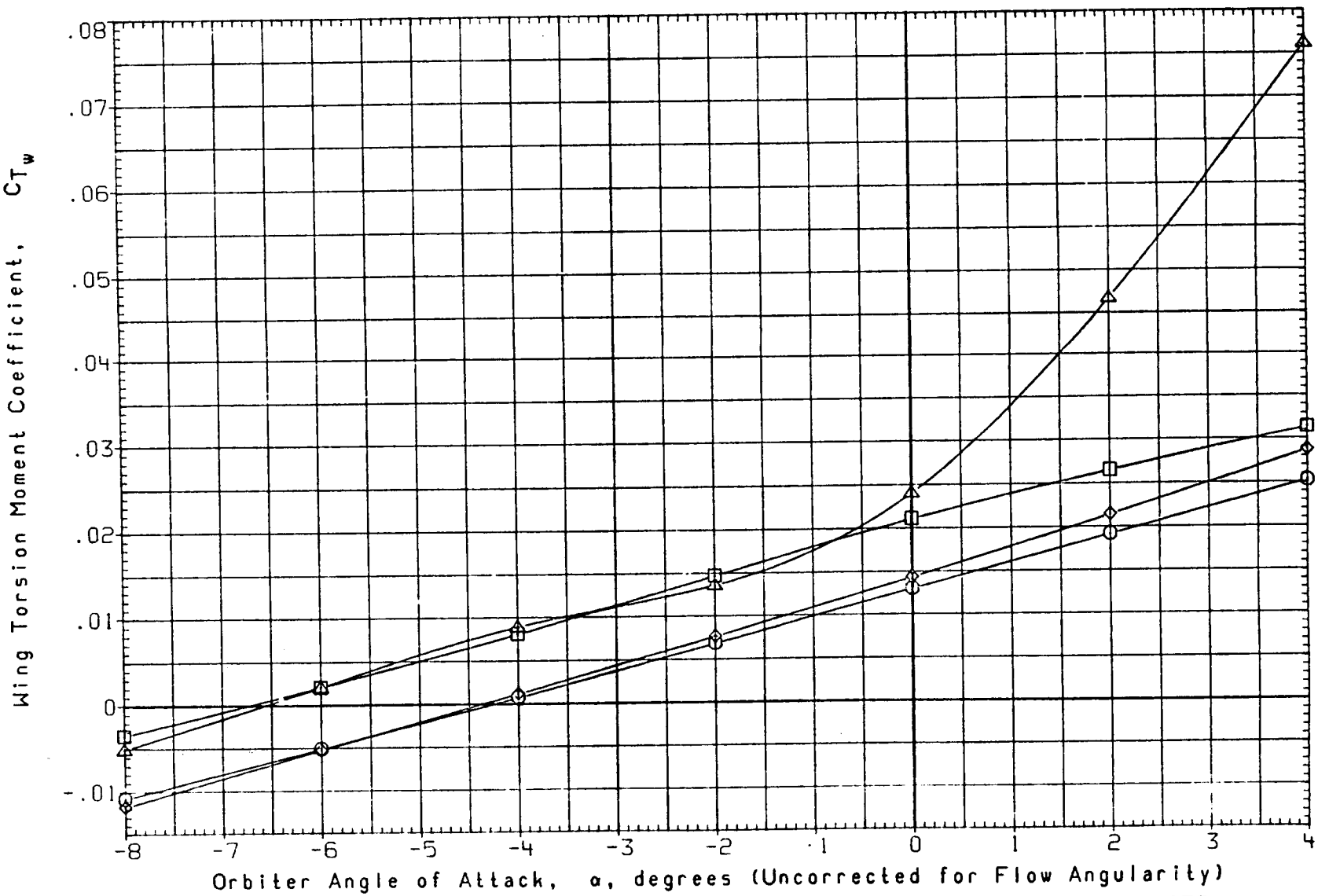


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA150A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

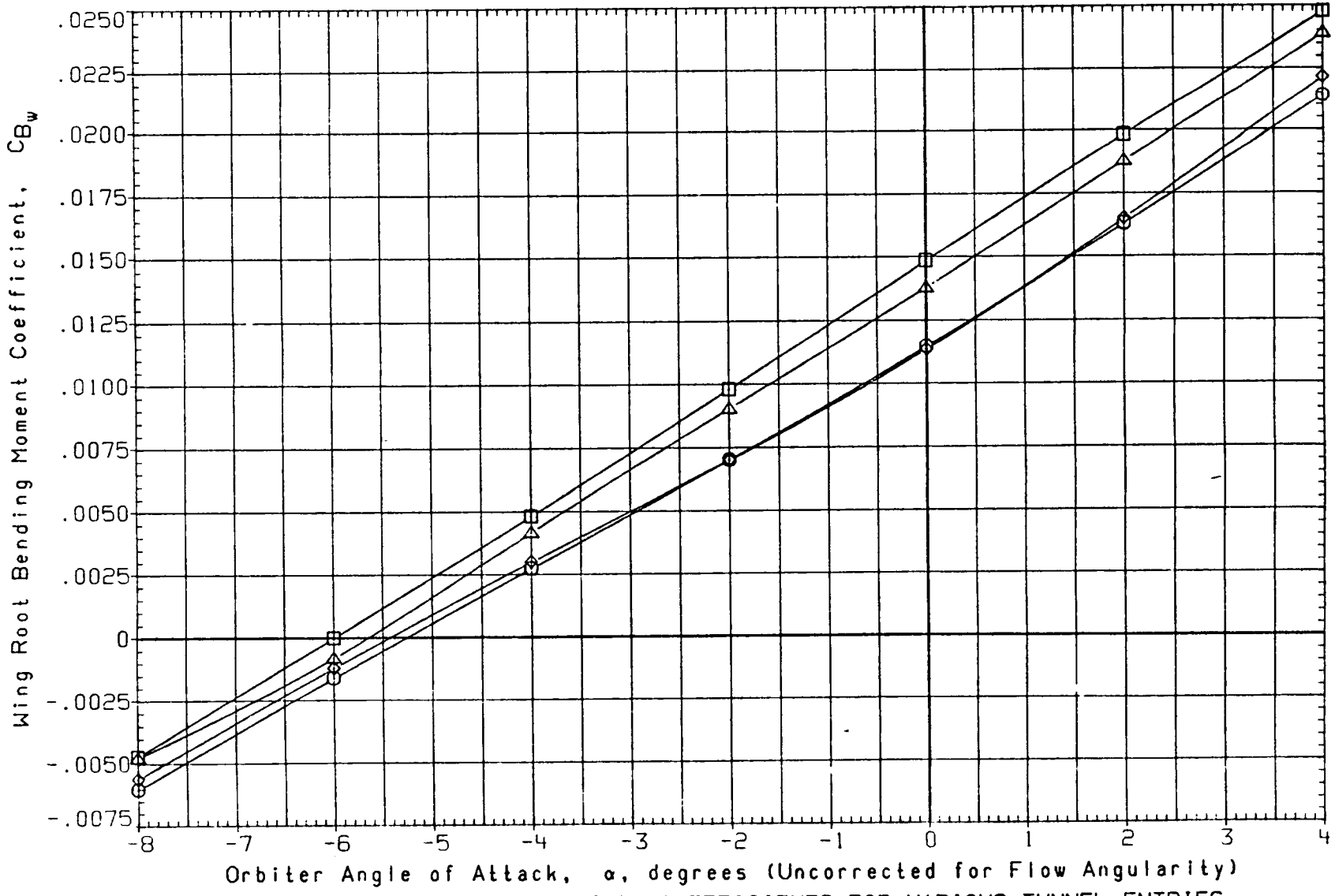


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

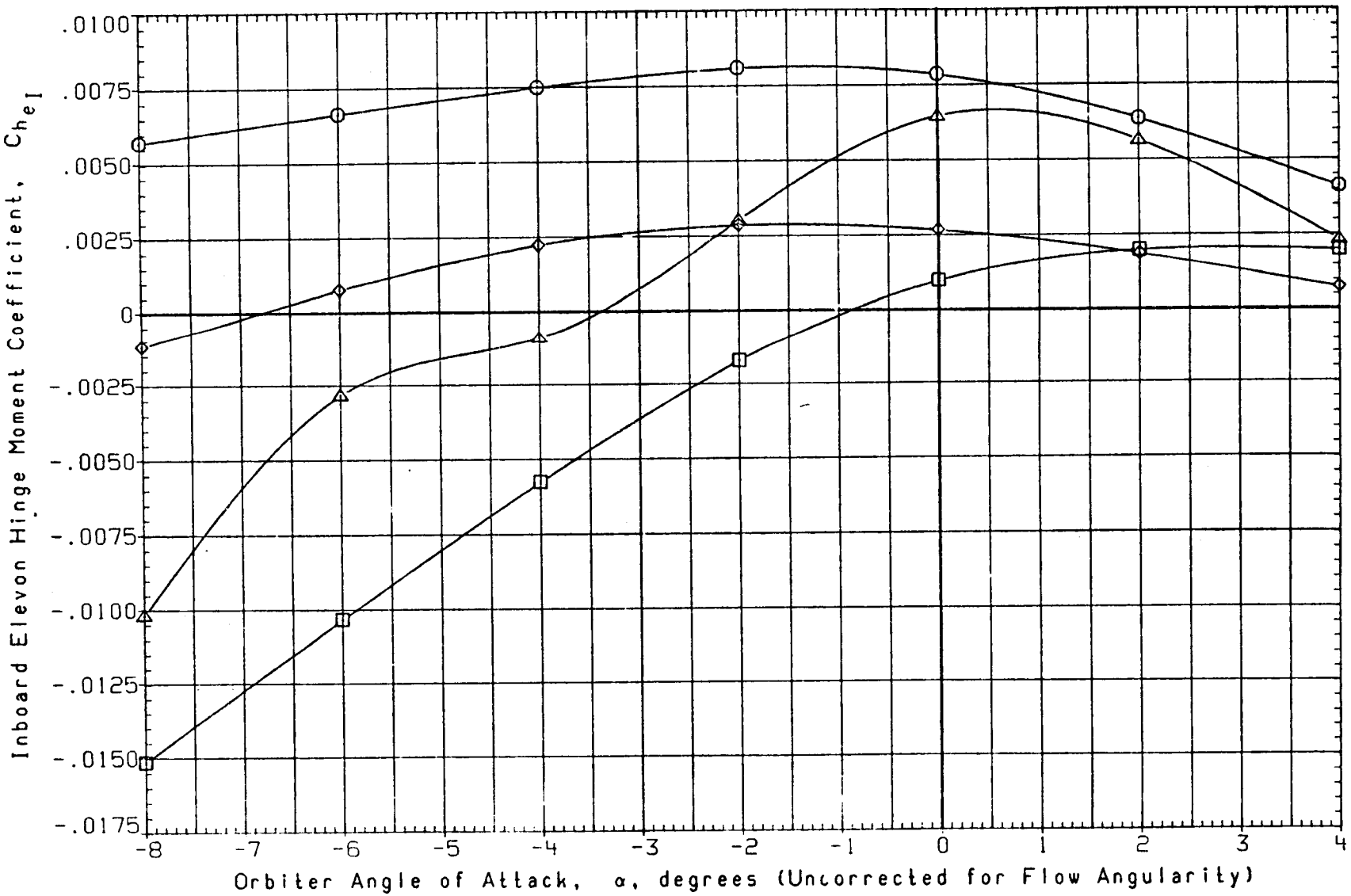


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
C9PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

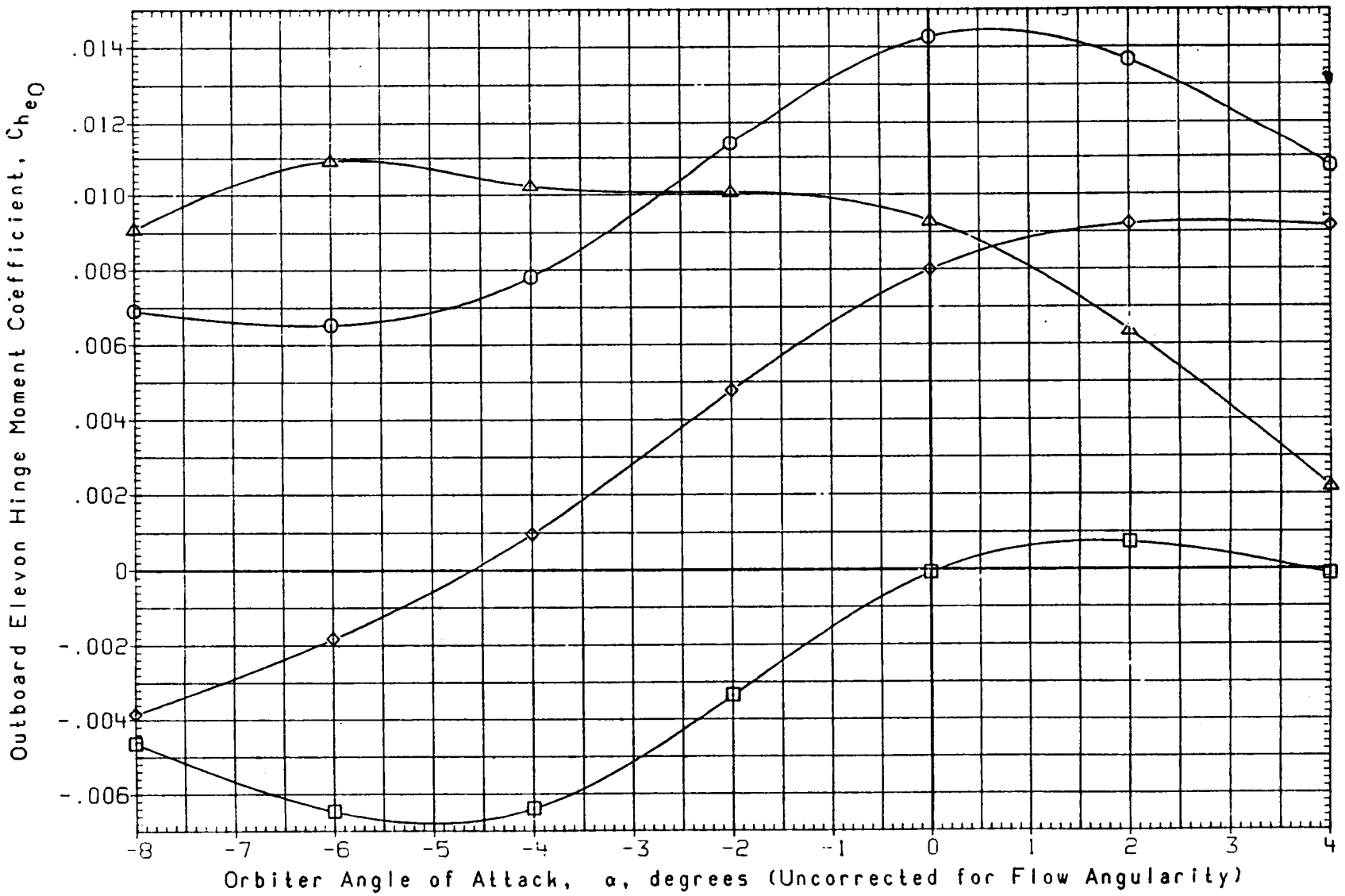


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

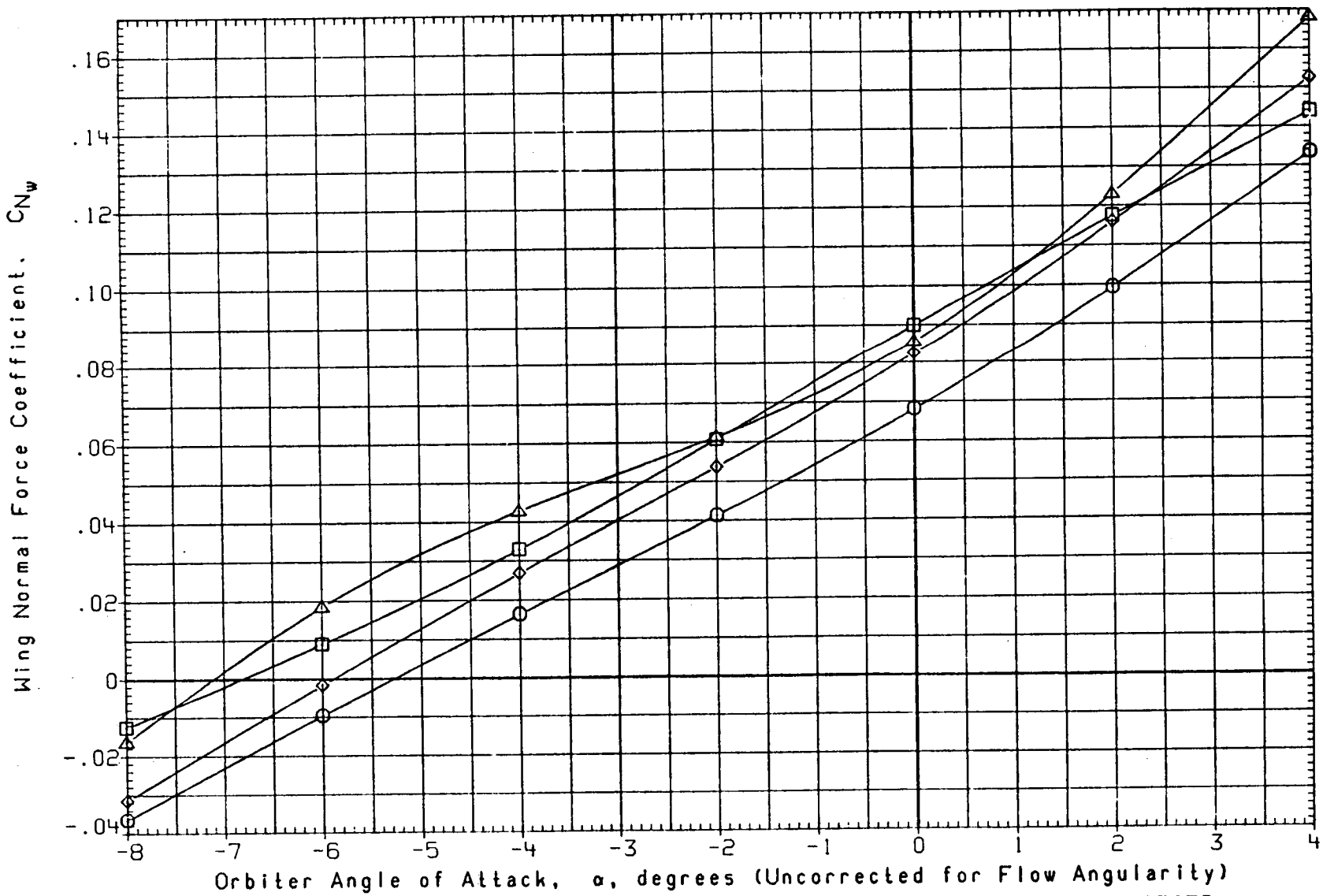


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U9MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

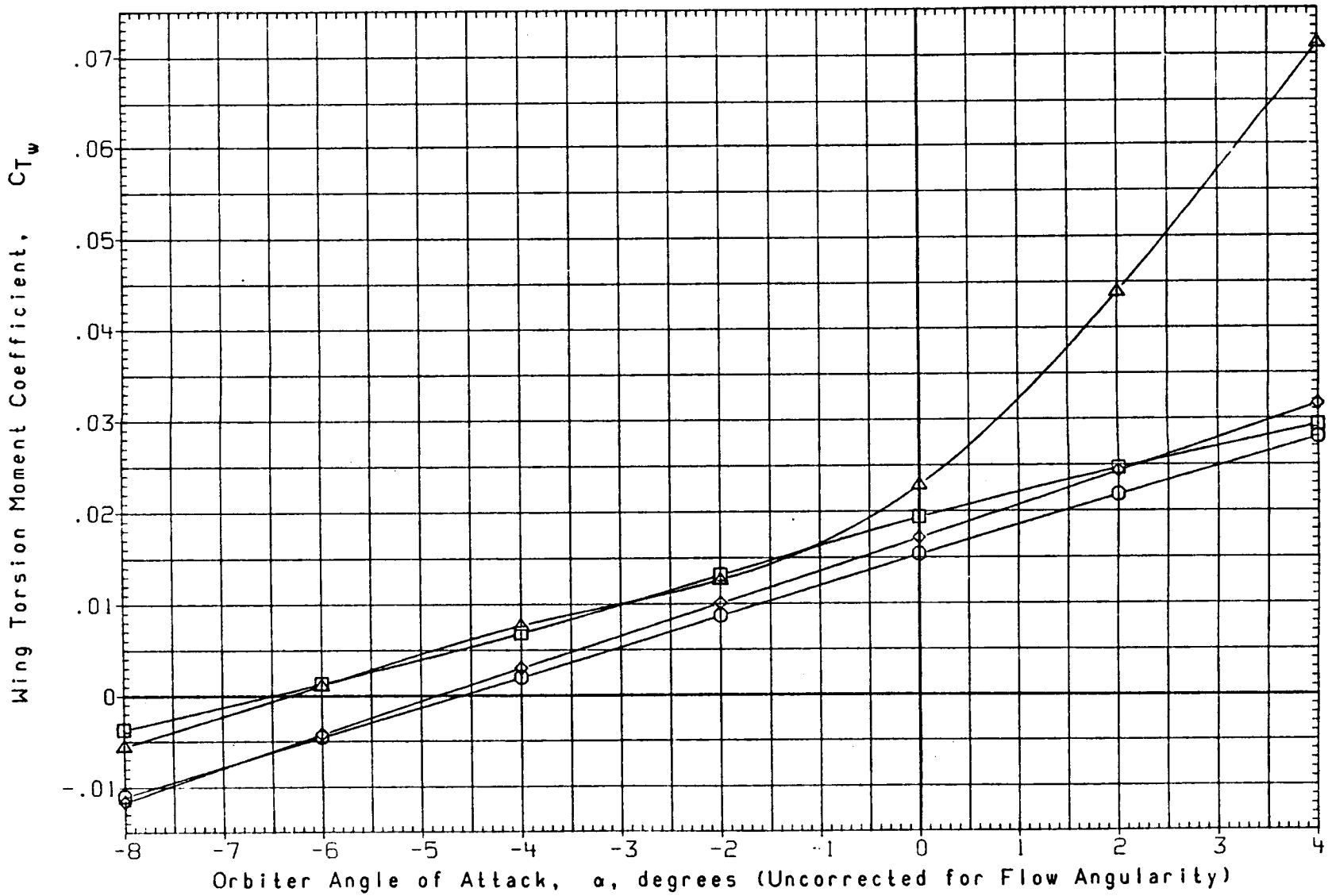


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

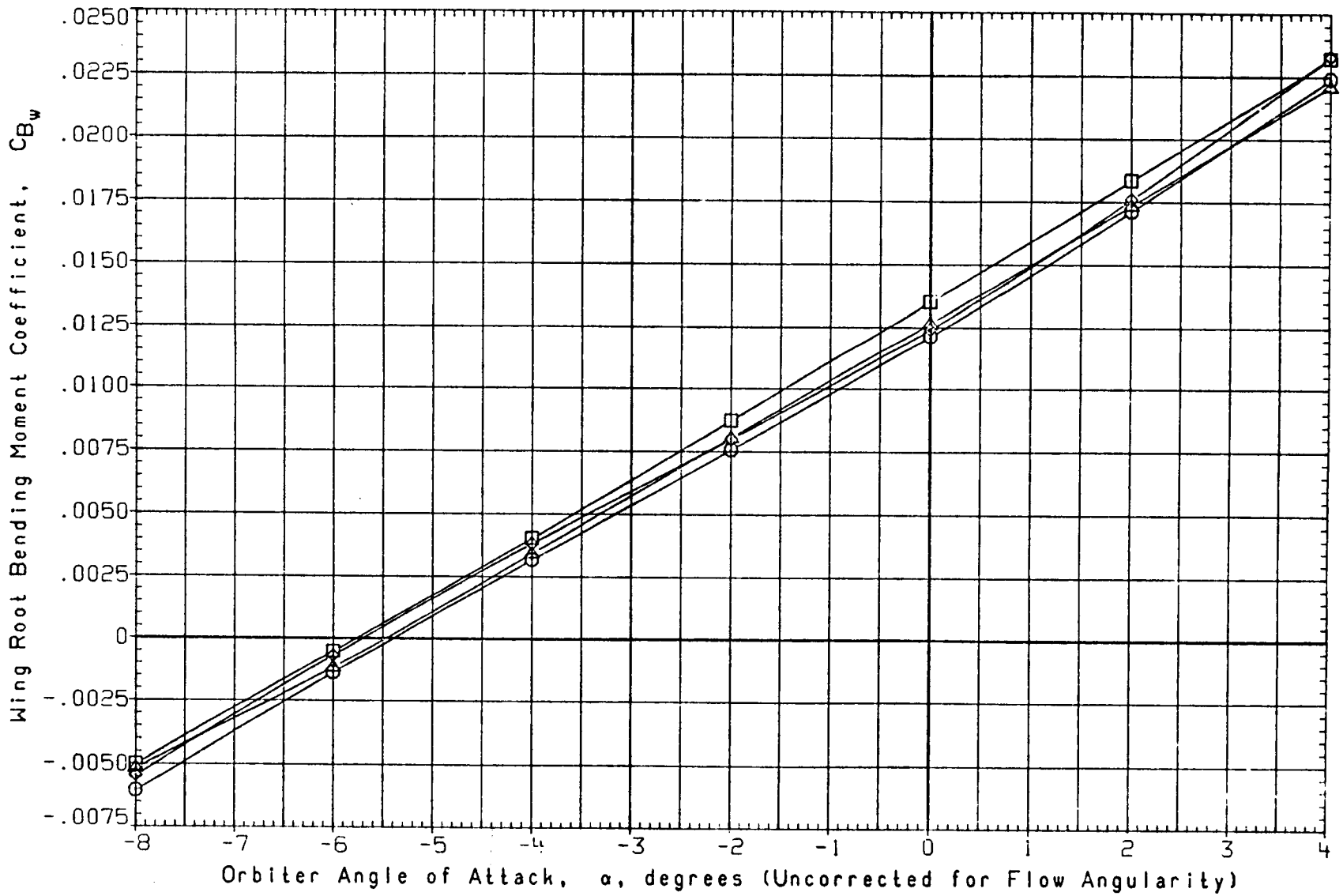


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

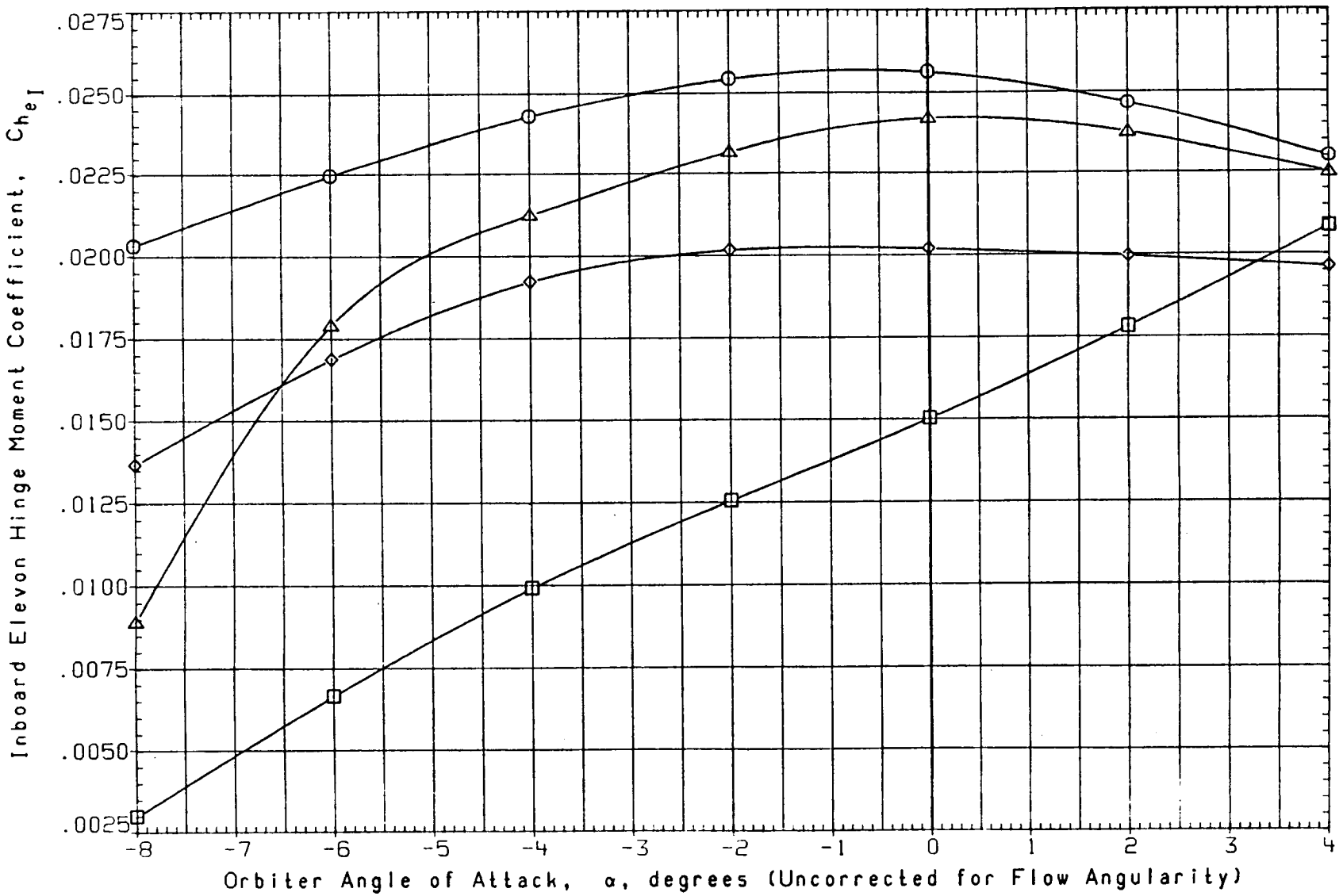


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

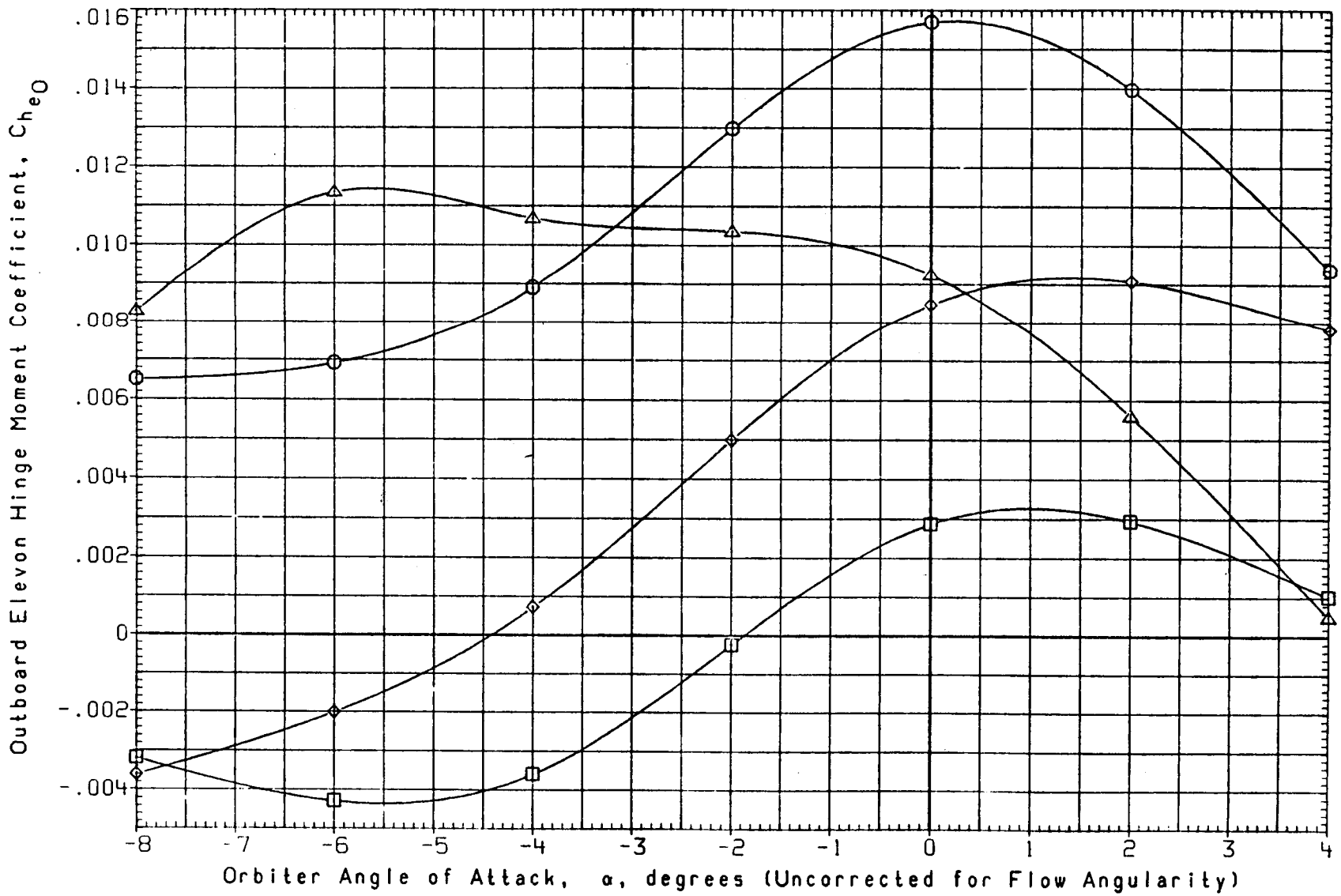


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U5OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

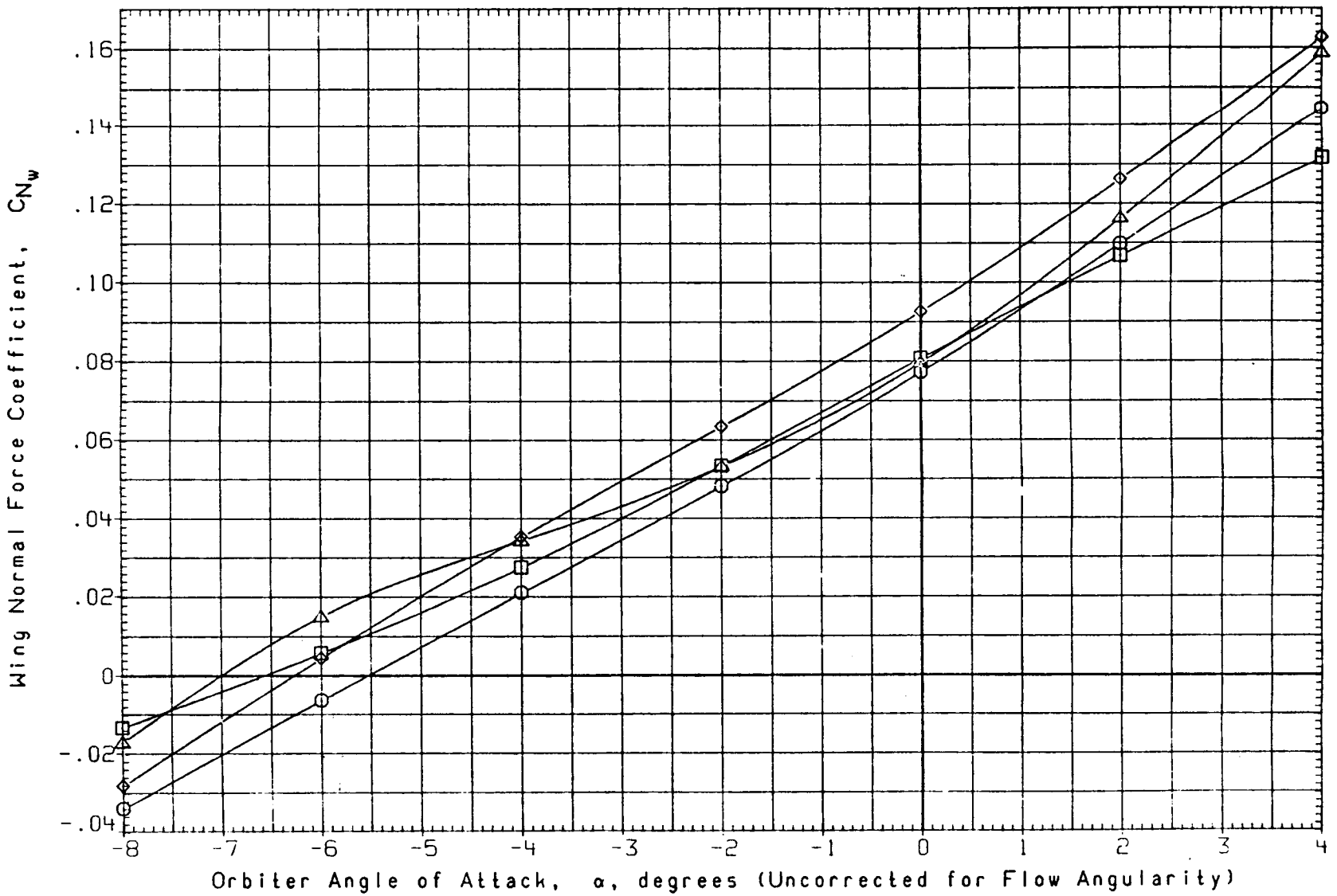


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

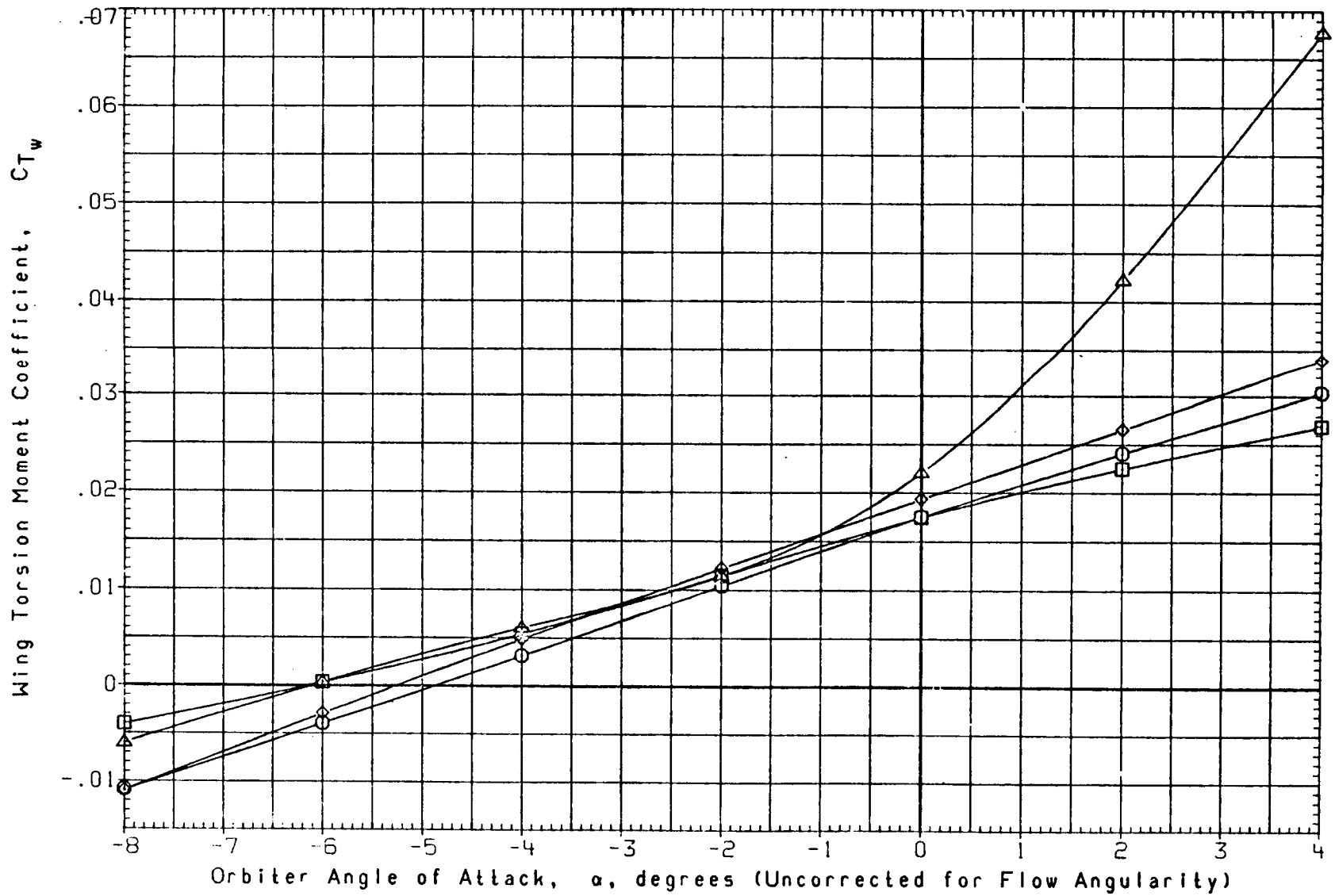


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8[illegible]W44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	900	10.000	5.000

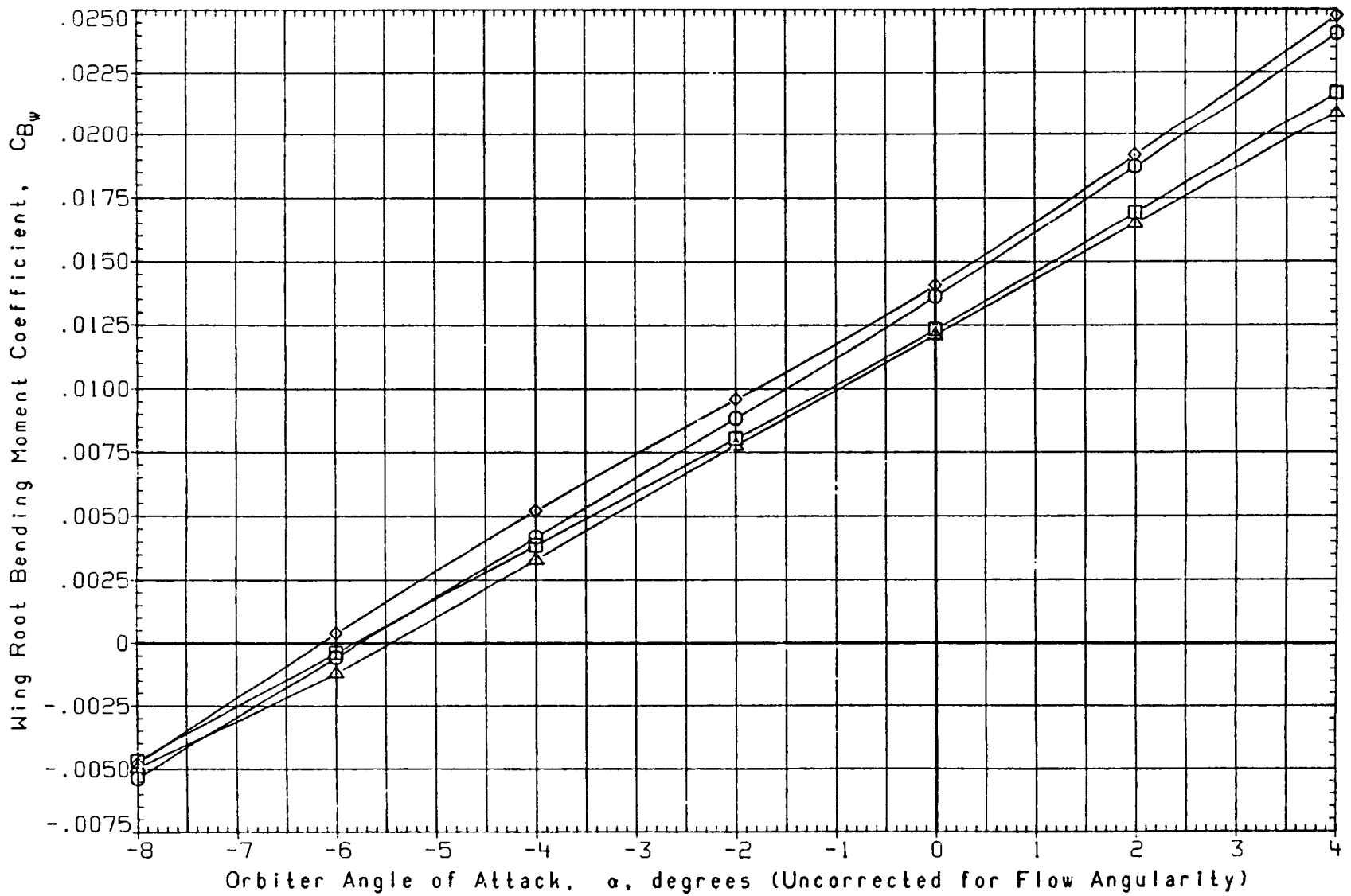


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

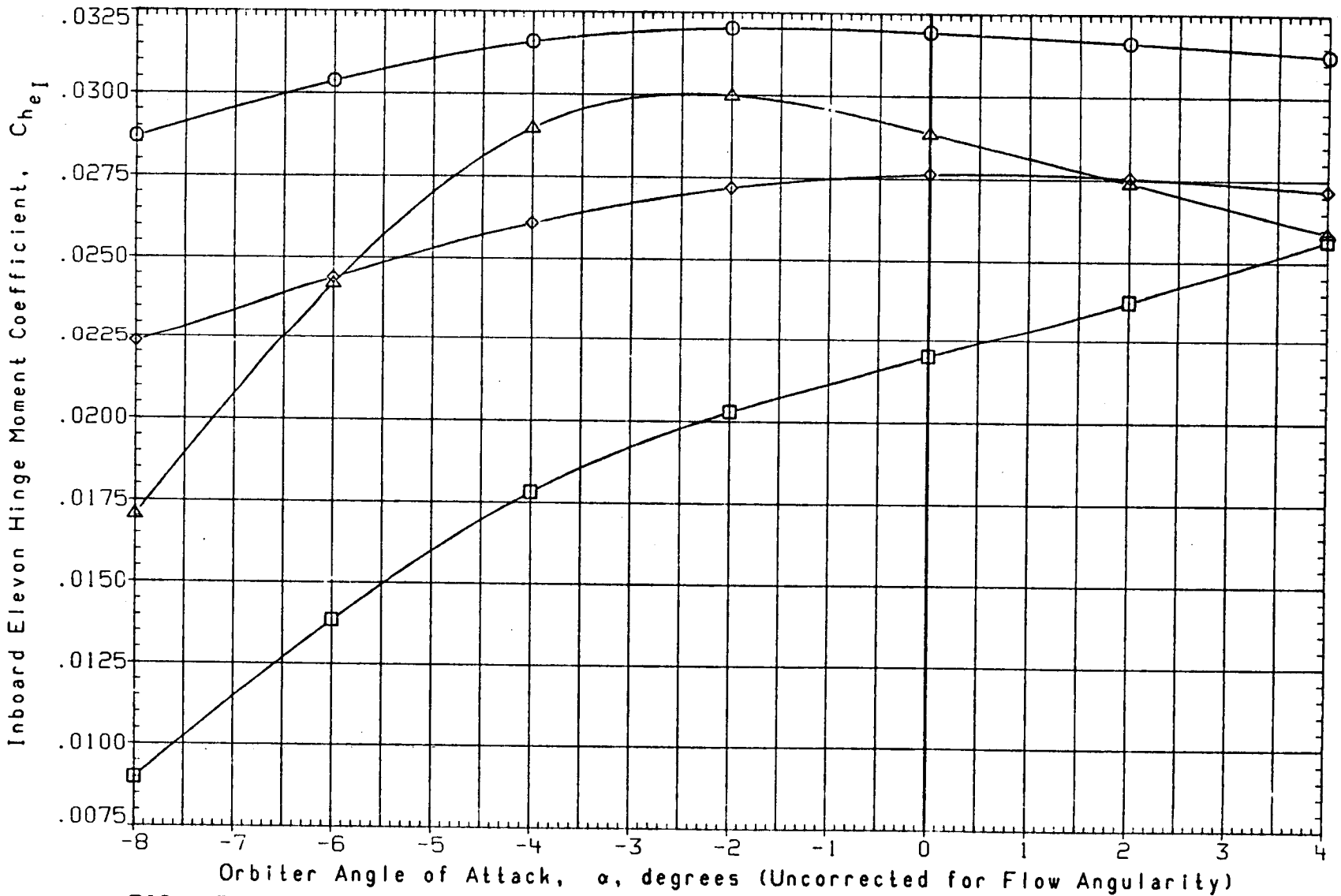


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
UBCW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
OBPW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
USMW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
USNW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

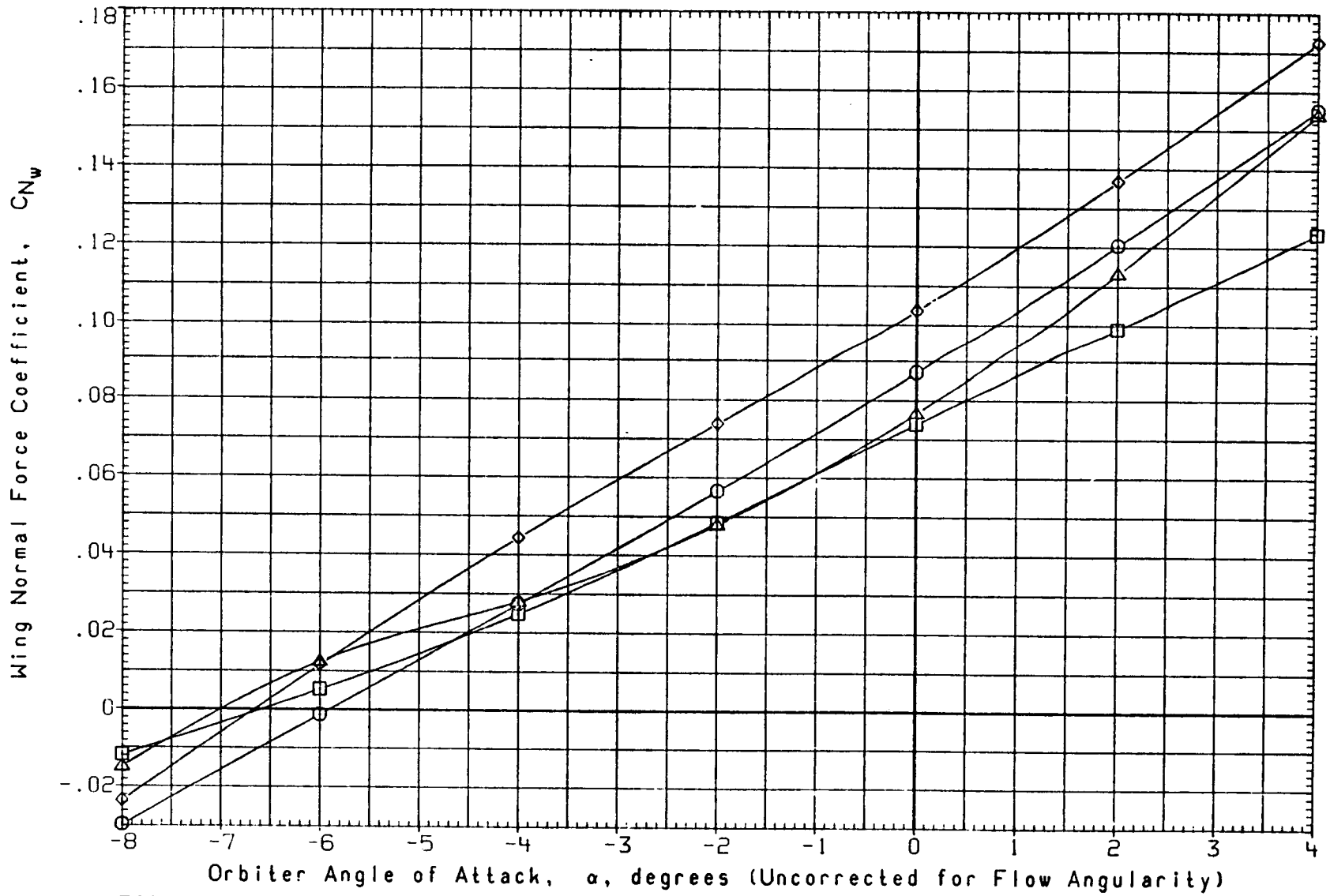


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

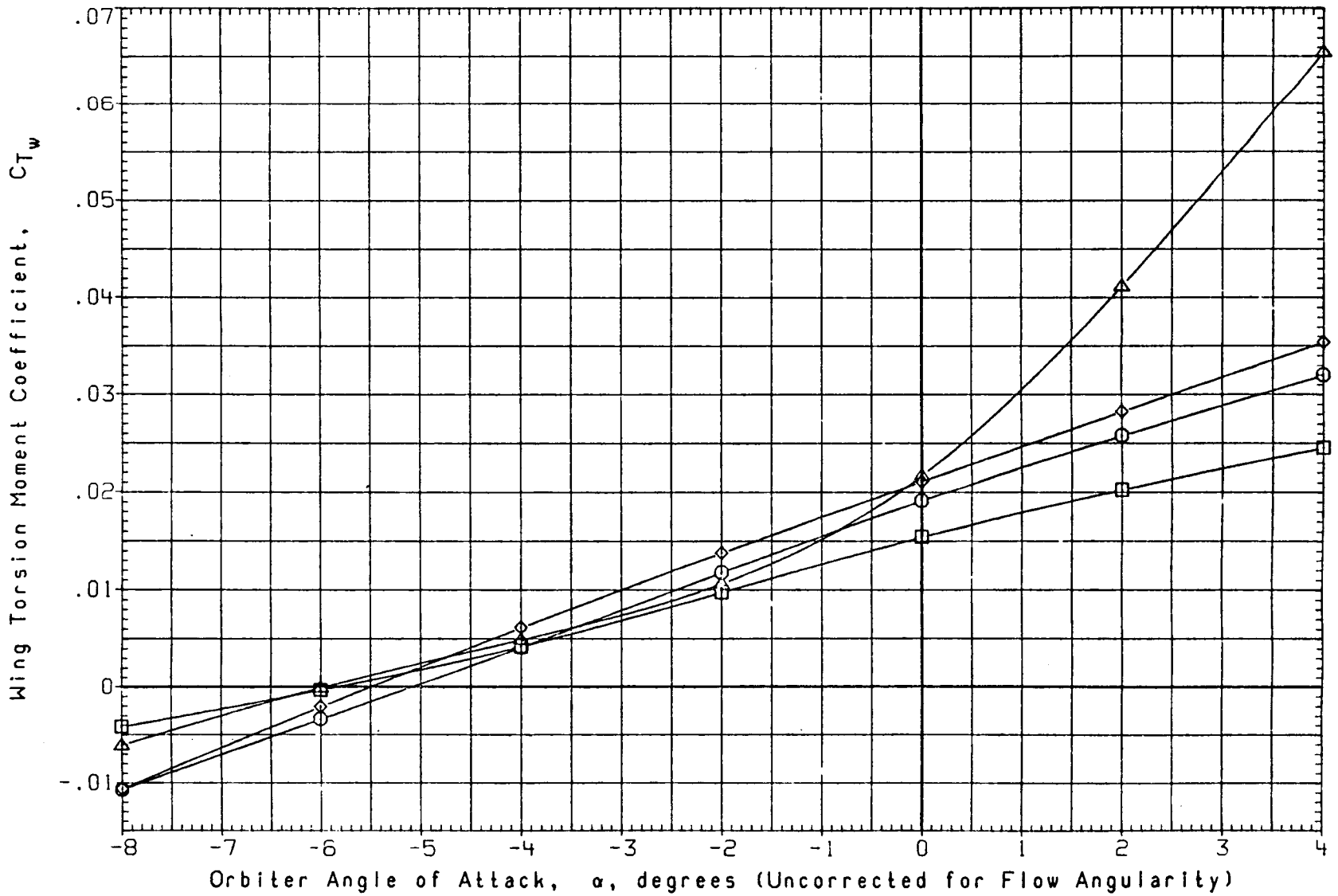


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

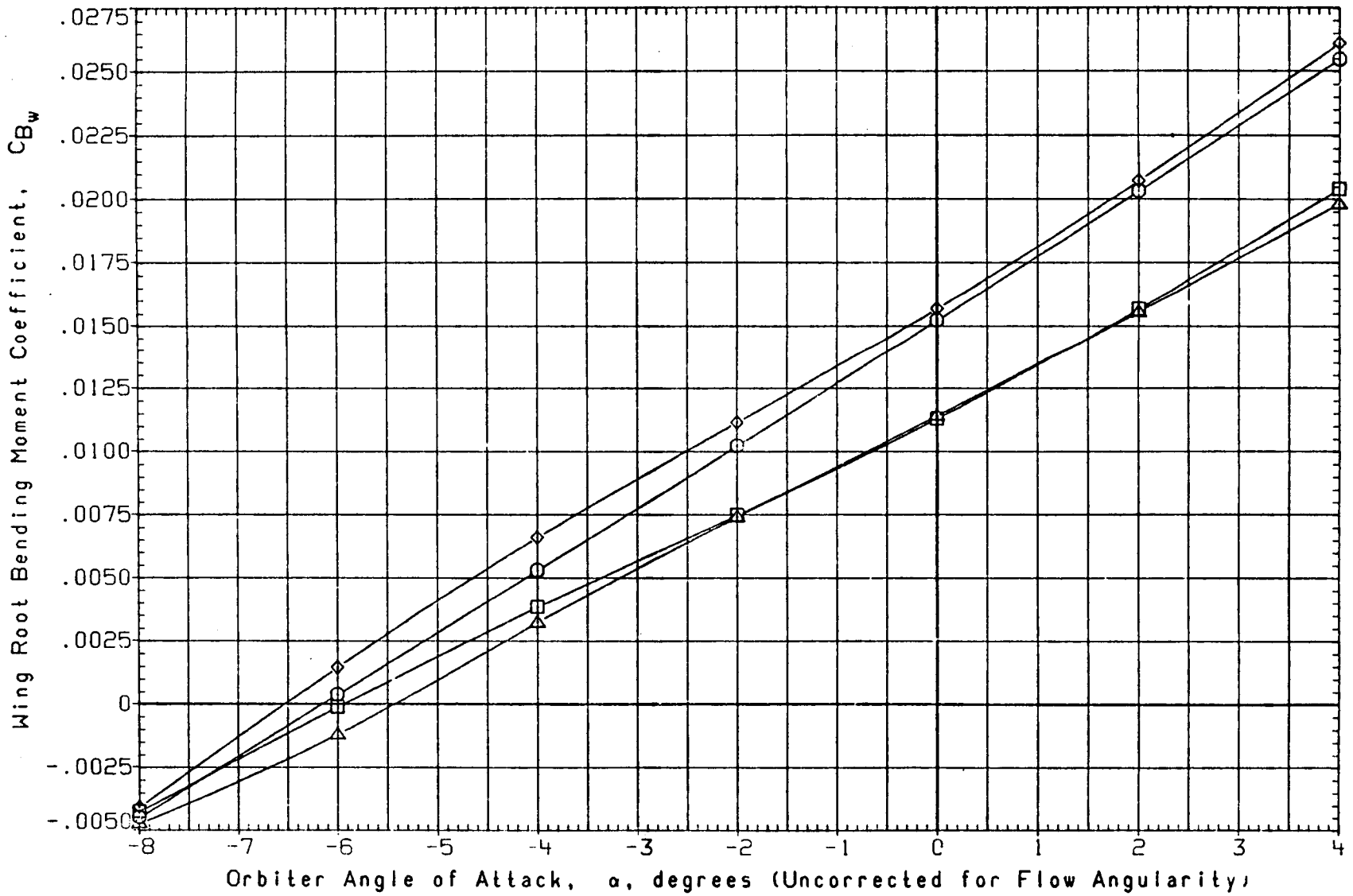


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
C8FW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

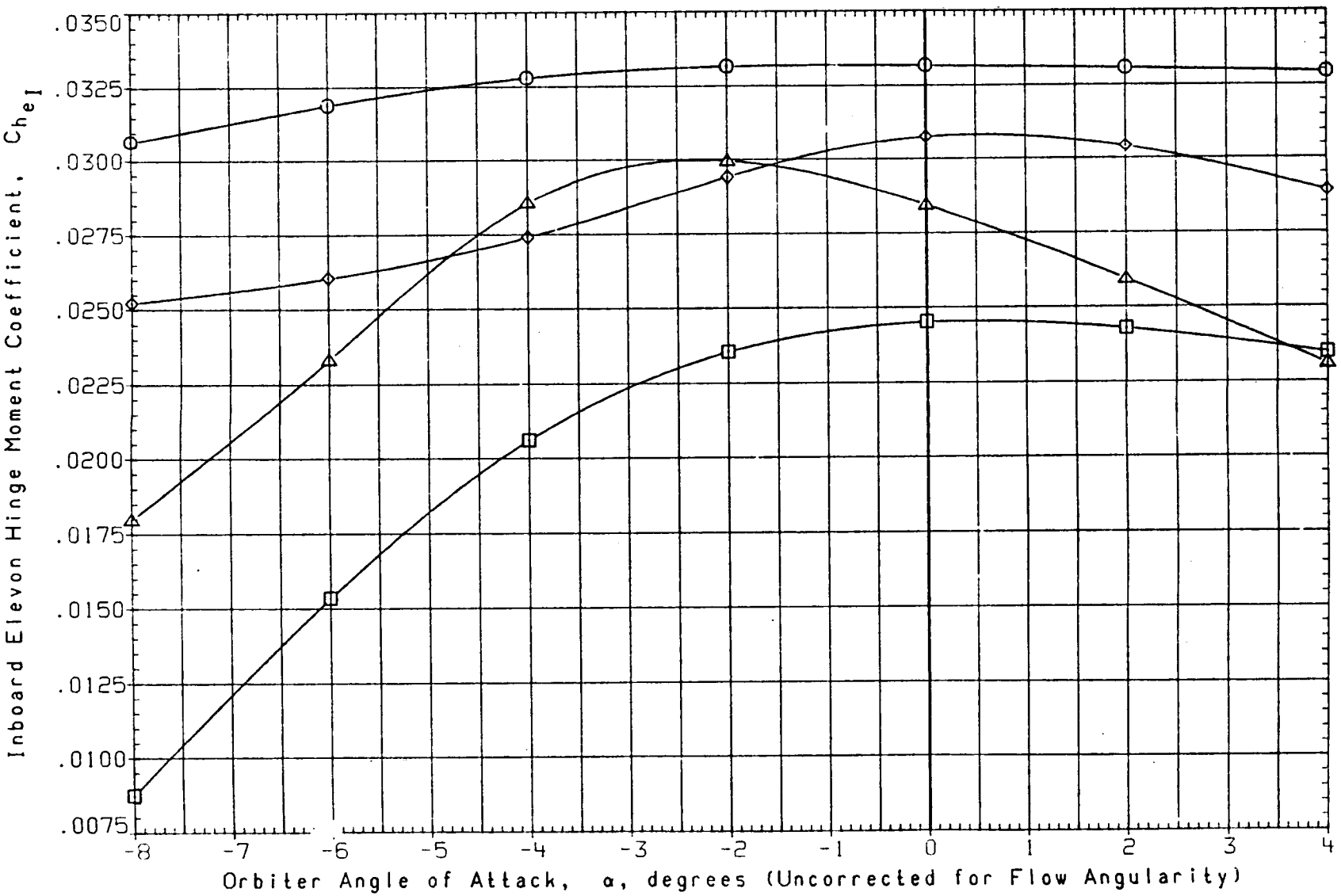


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9OW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U9NW44	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

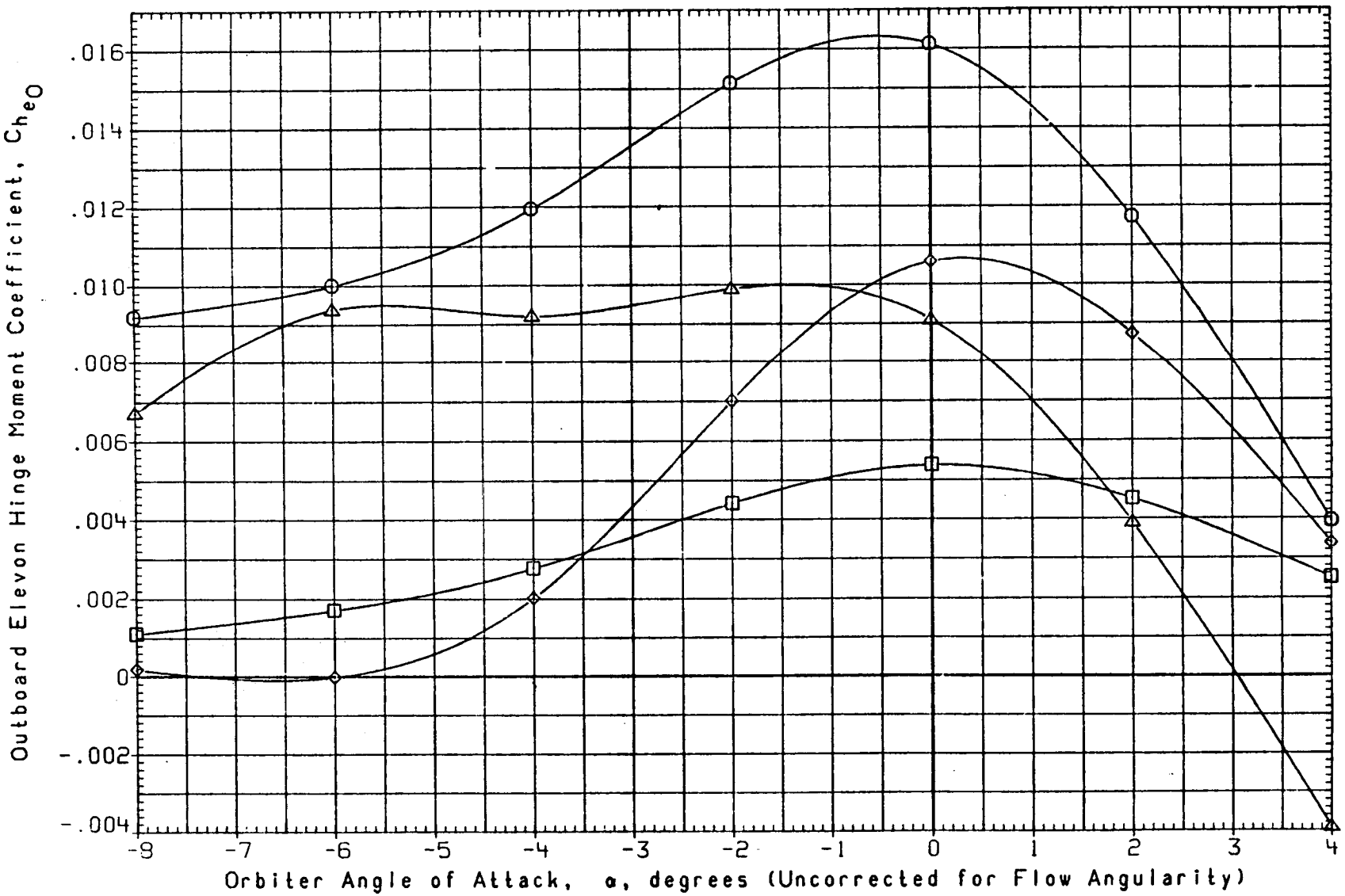


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
C8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U9NW44	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

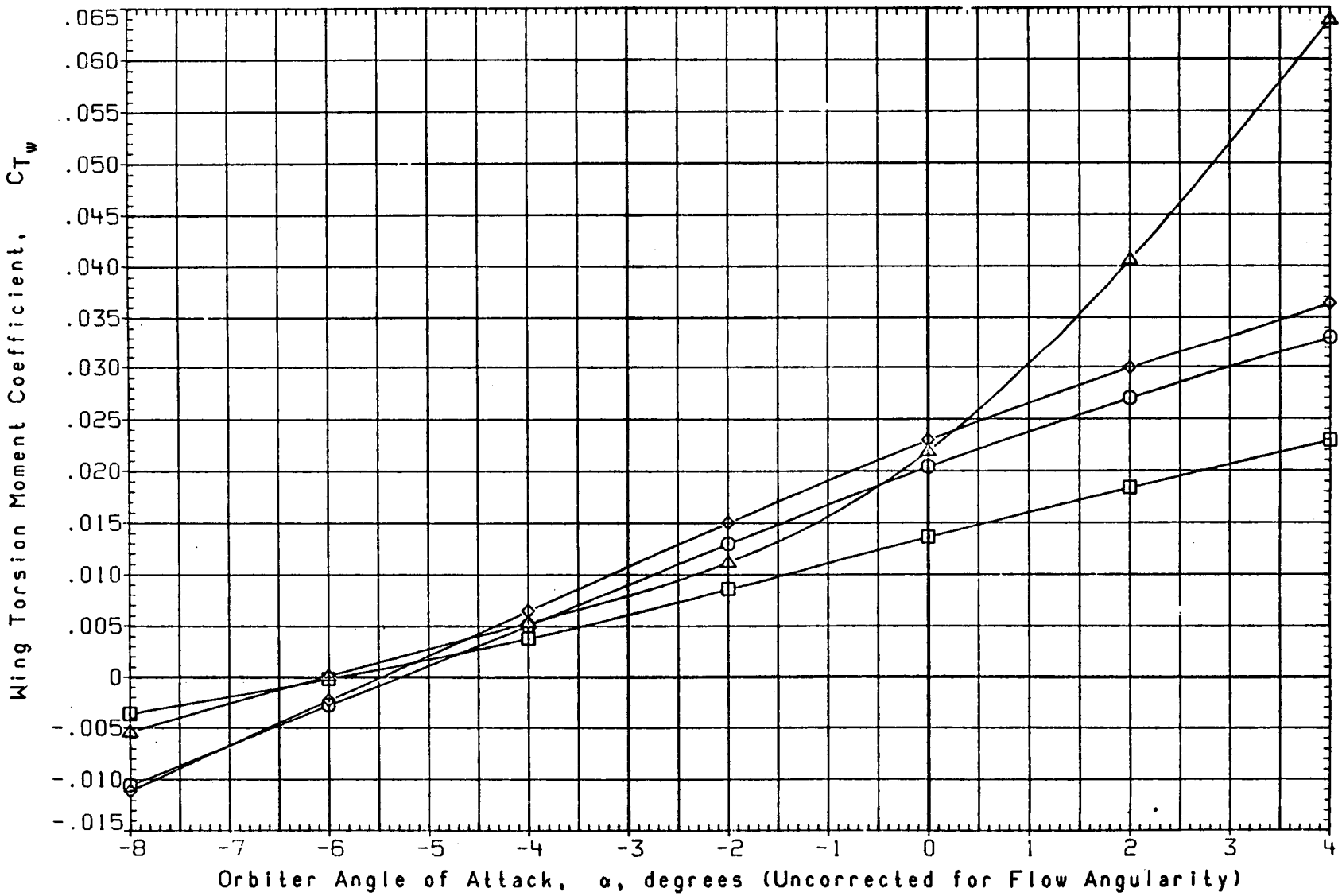


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

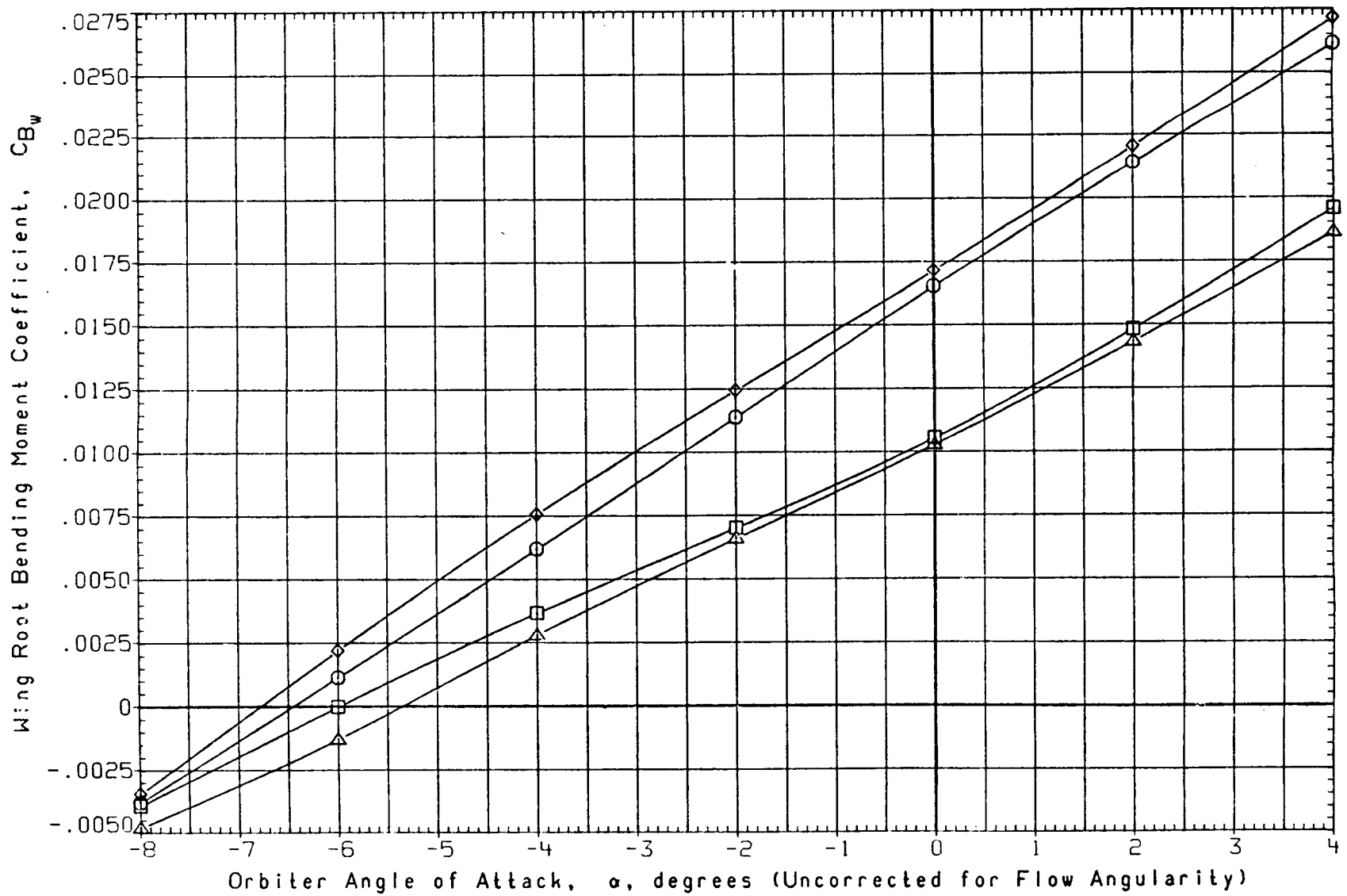


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
08PW15	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

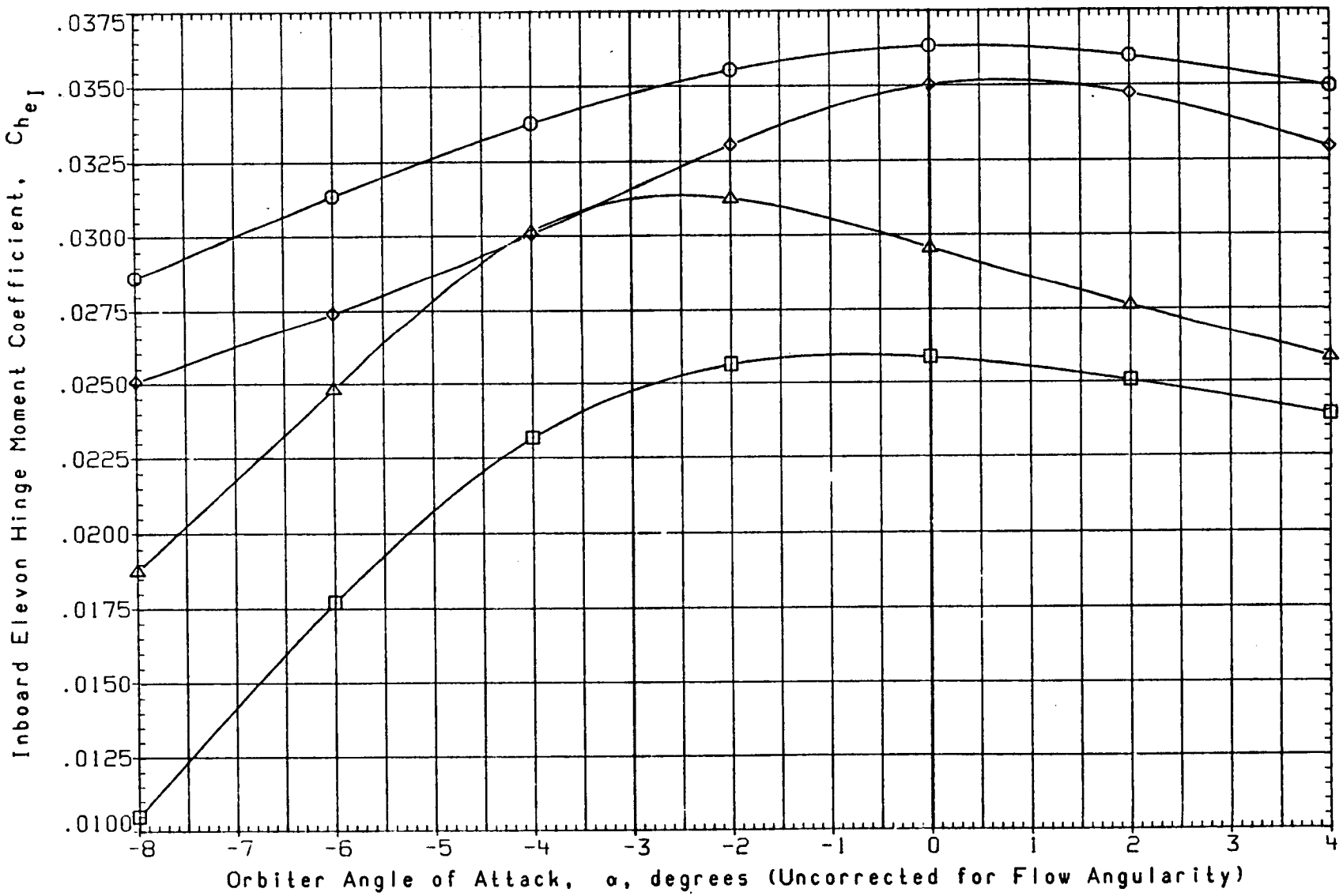


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.900	10.000	5.000
U8MW37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NW44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

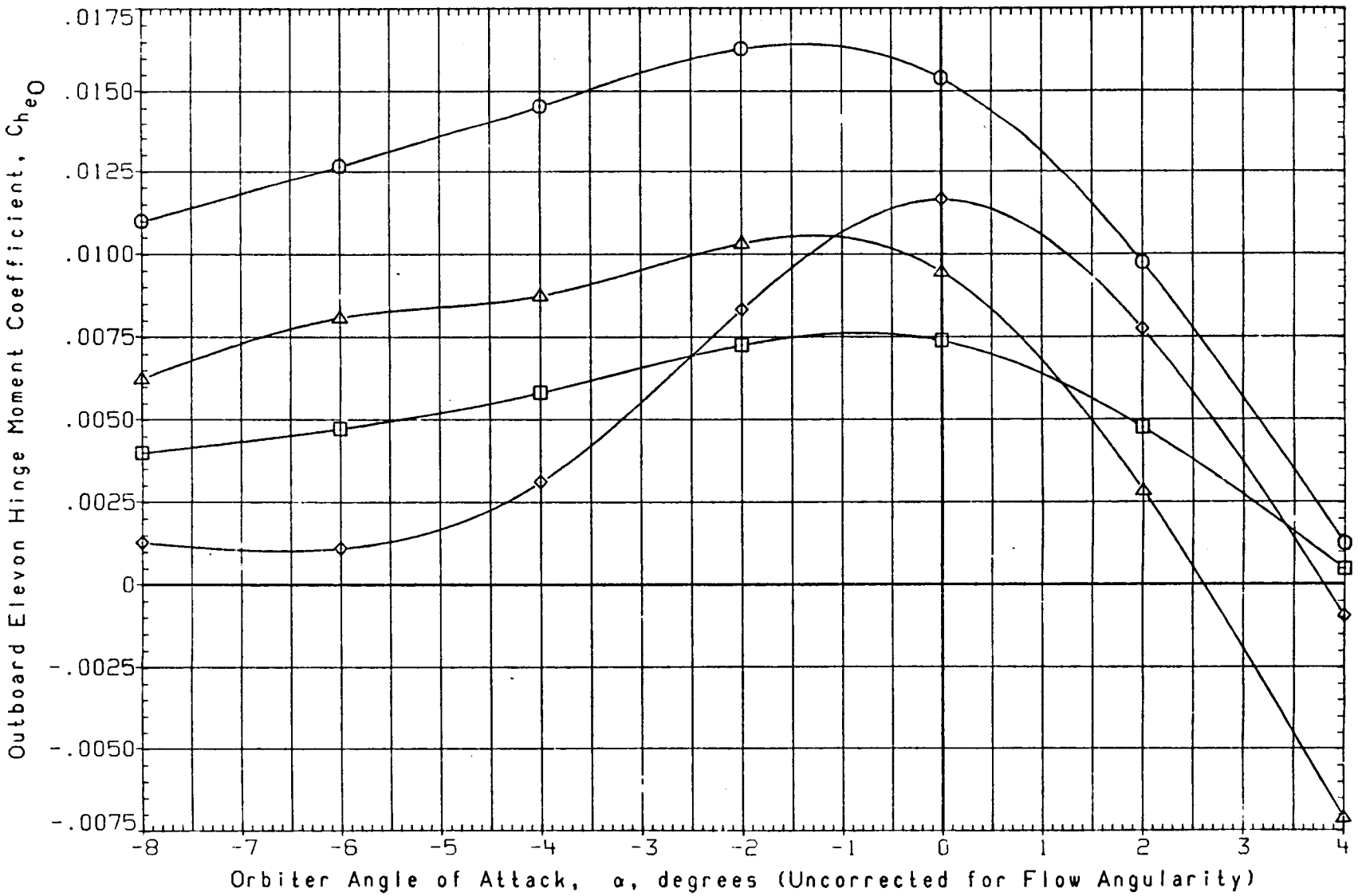


FIG. 33 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U90W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW36	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

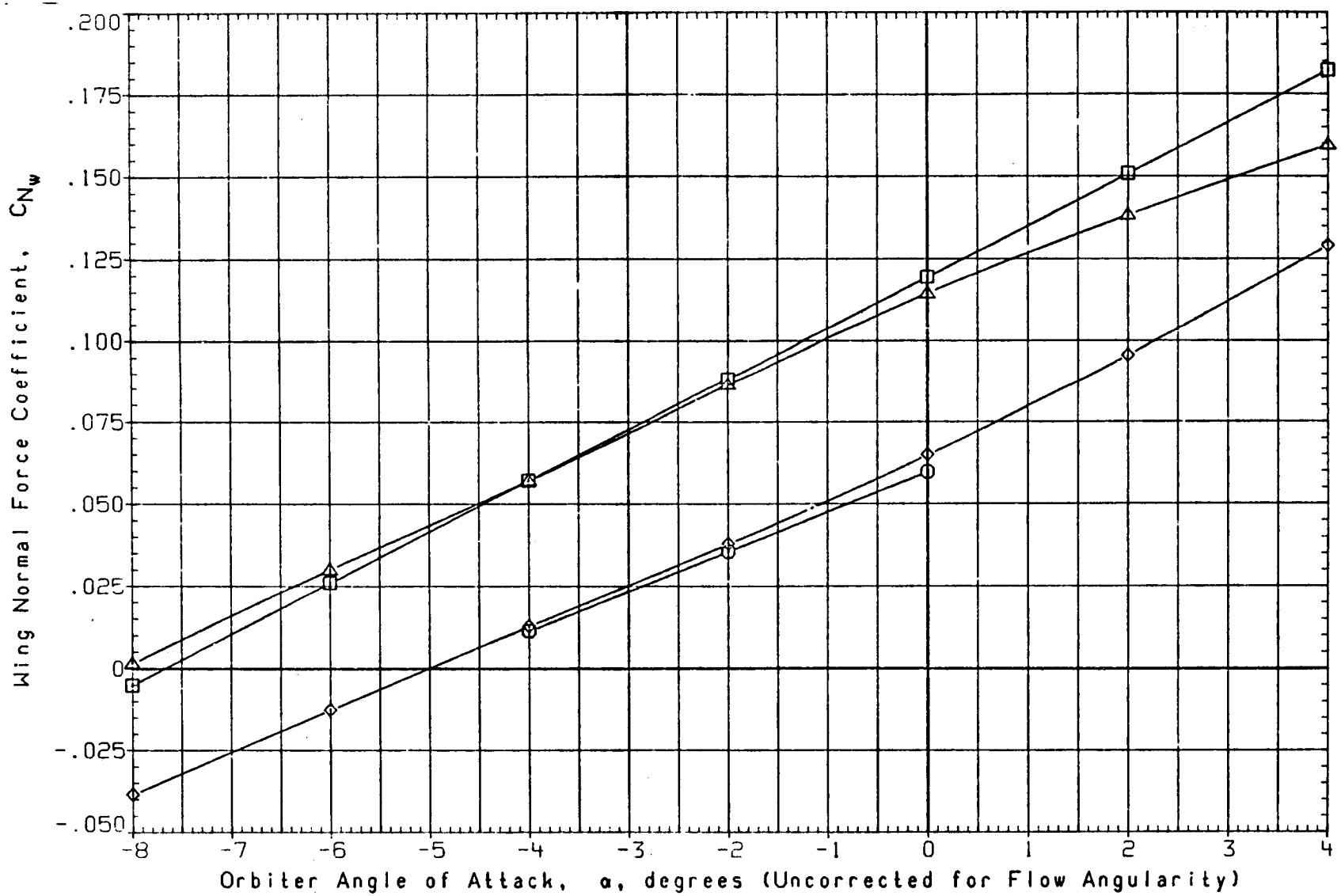


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U3CW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U3PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U3YW28	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U3NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

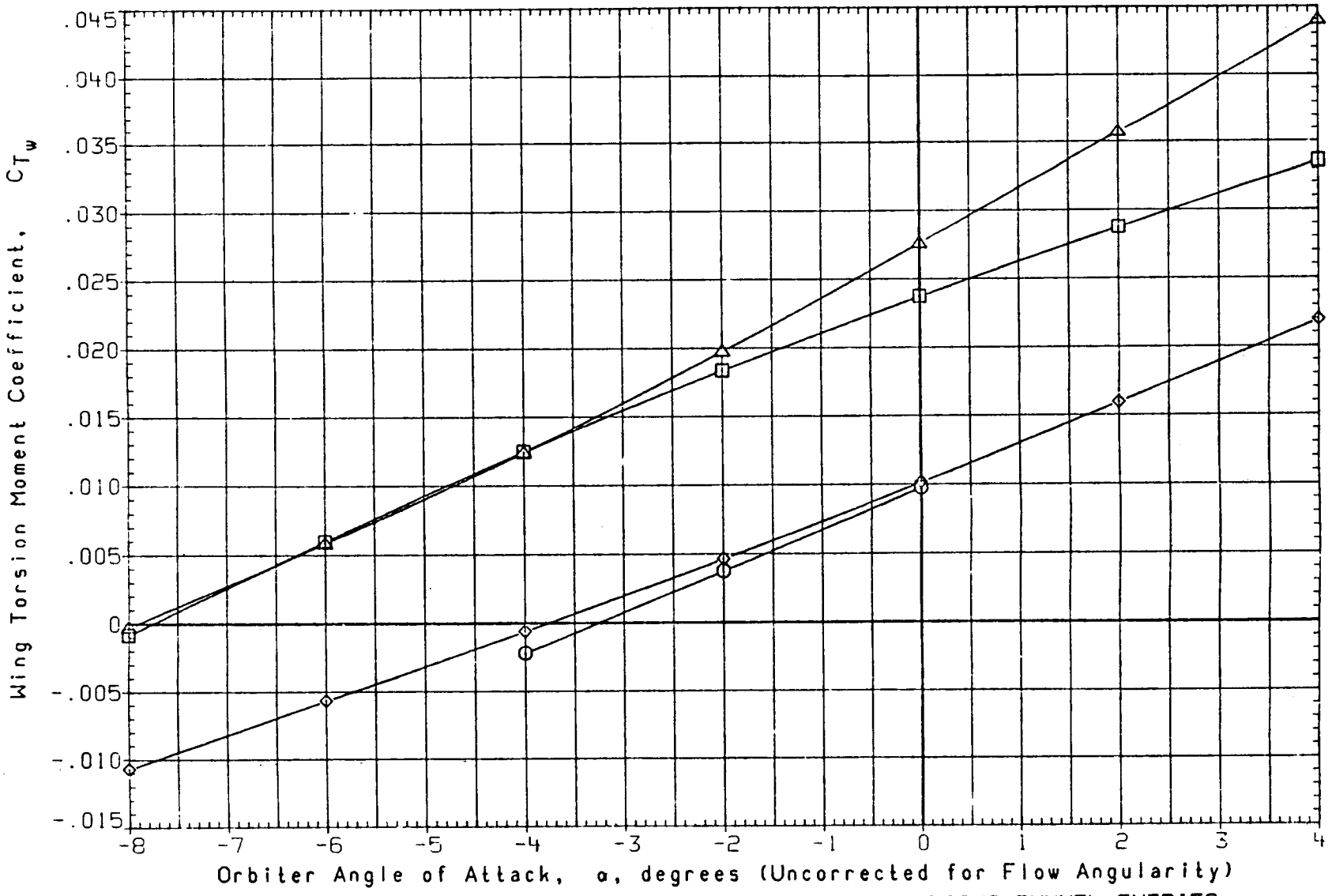


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA133,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U9NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

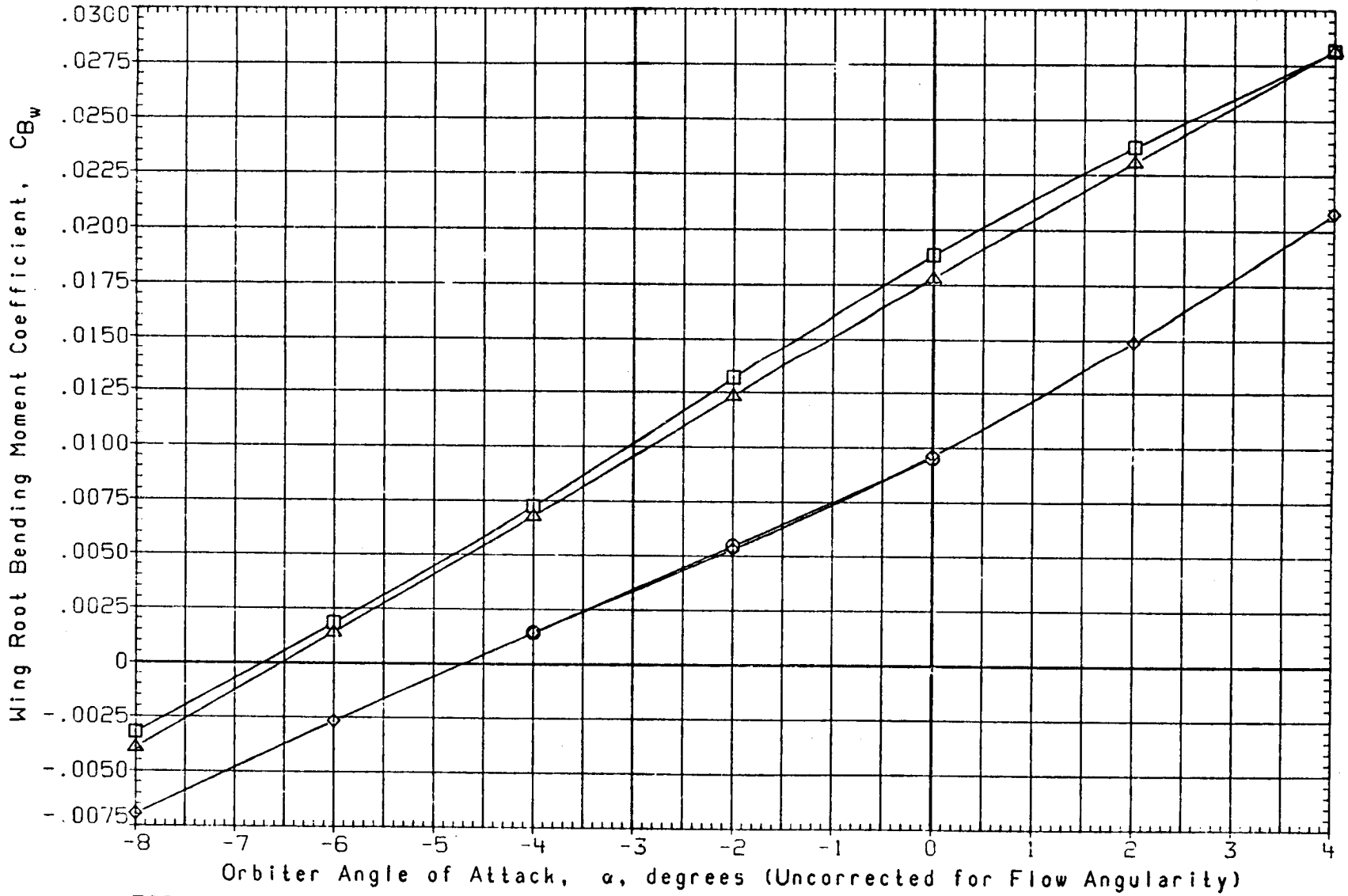


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU' = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8[illegible]W16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8[illegible]W38	◇	IA155A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8[illegible]W45	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

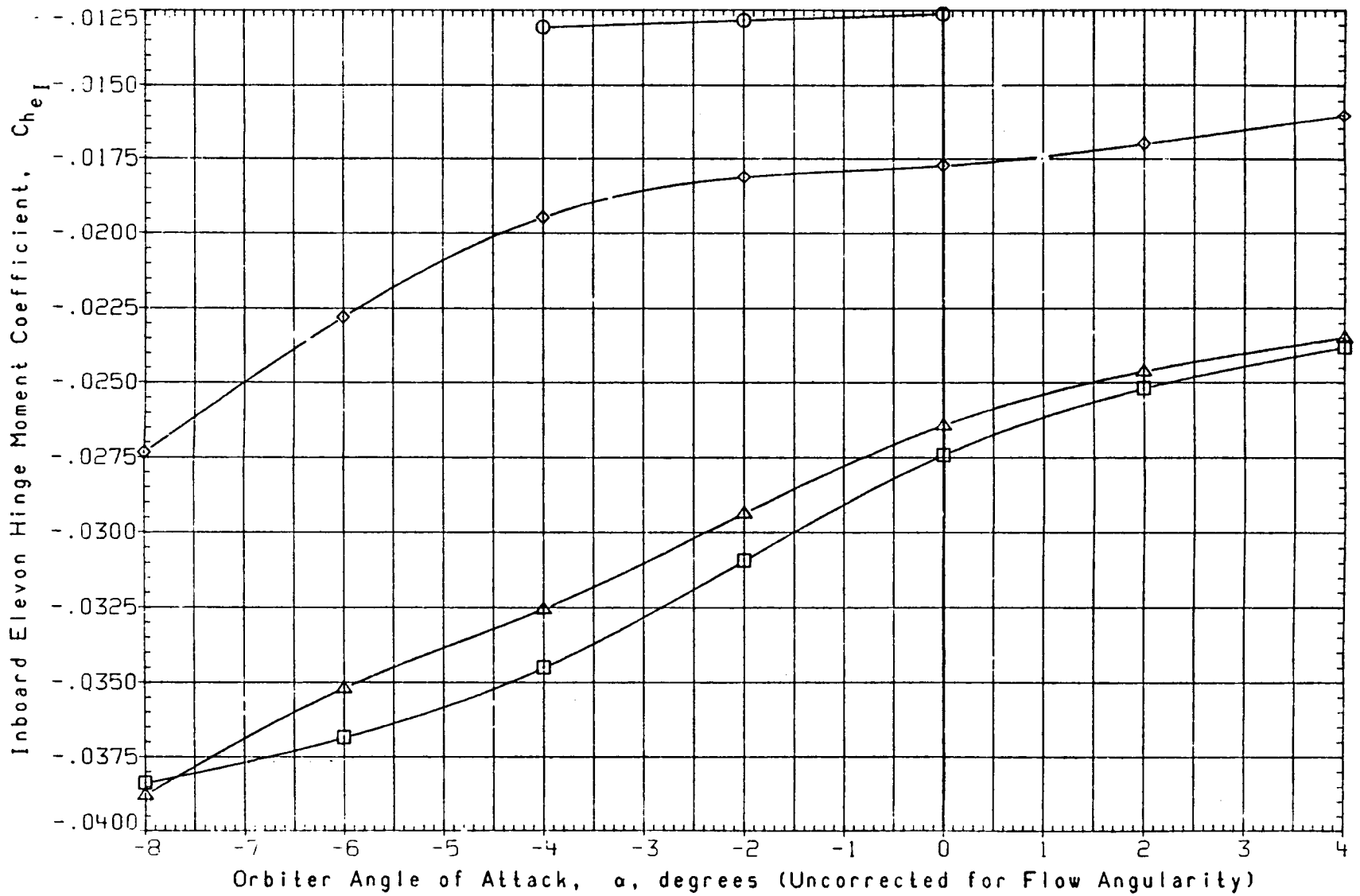


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U9NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

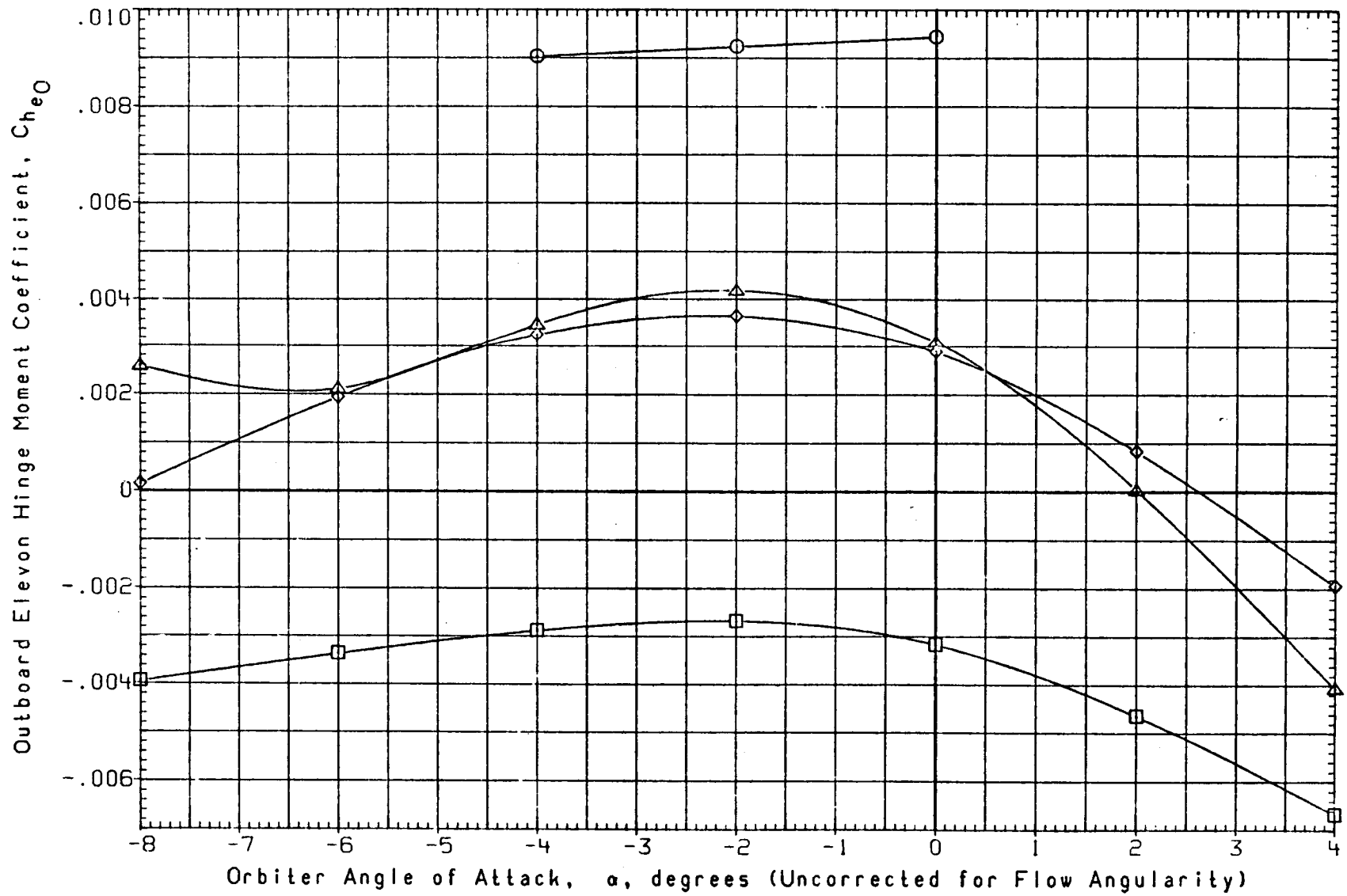


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U9MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

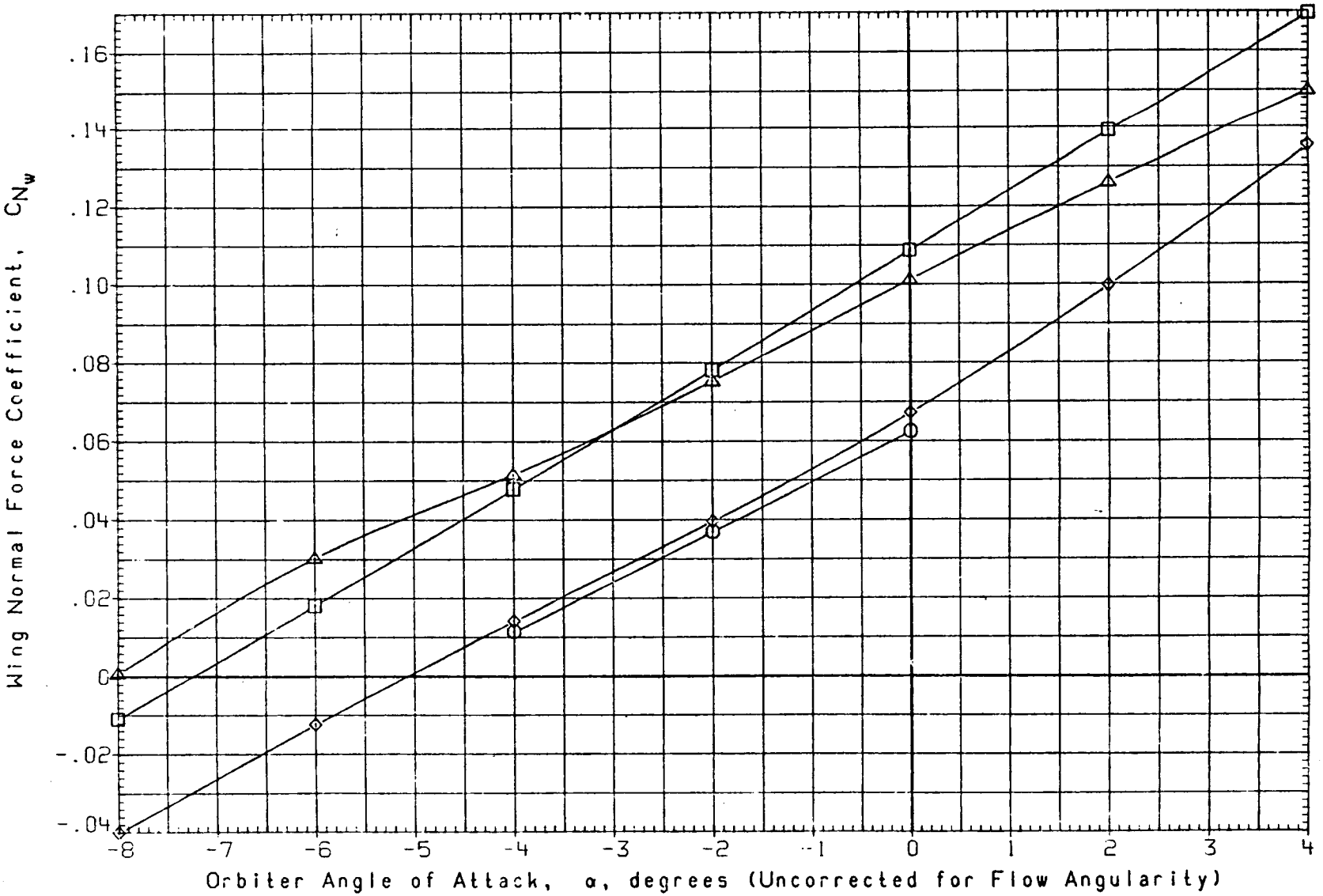


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
08PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW39	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

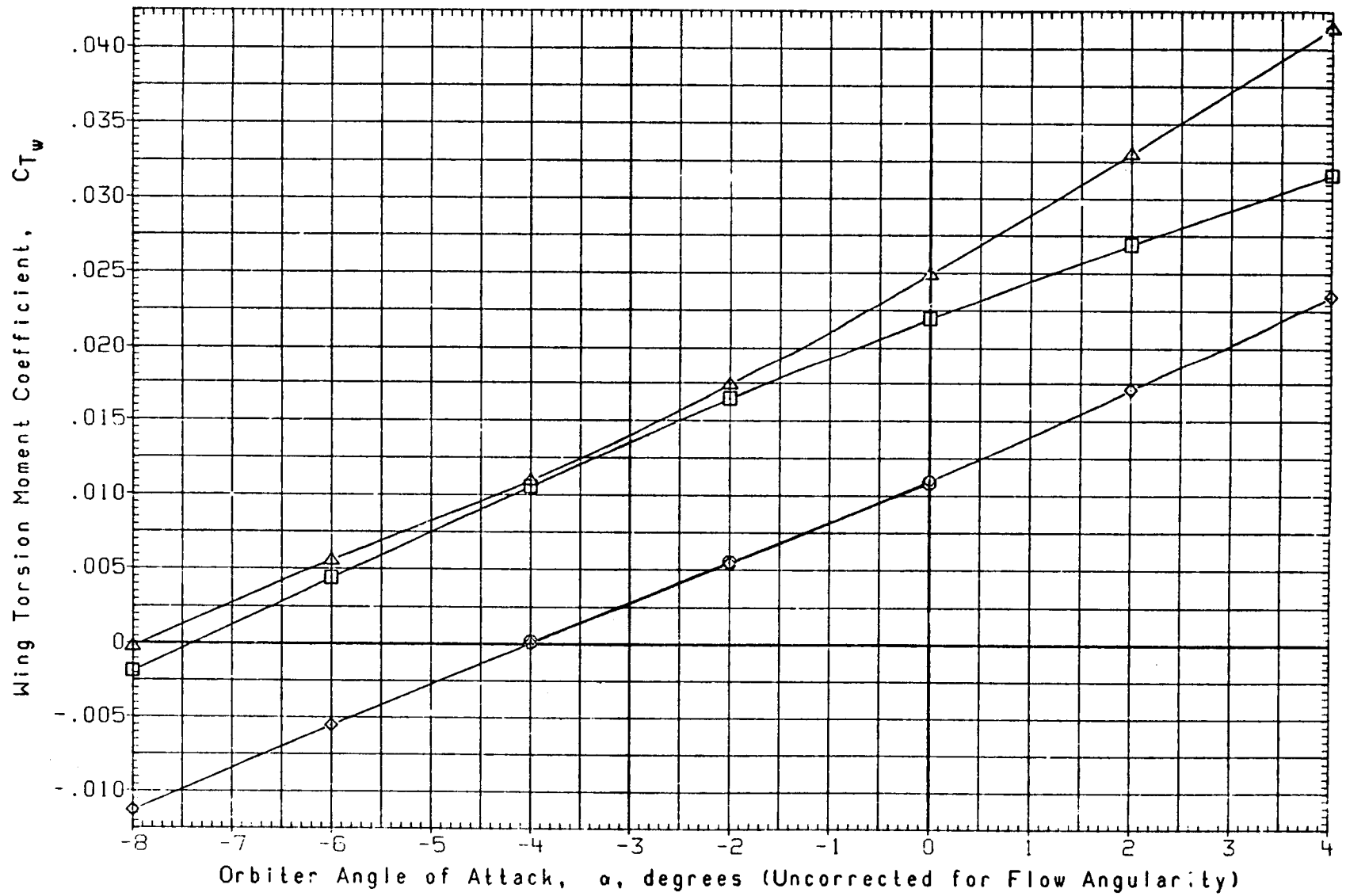


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

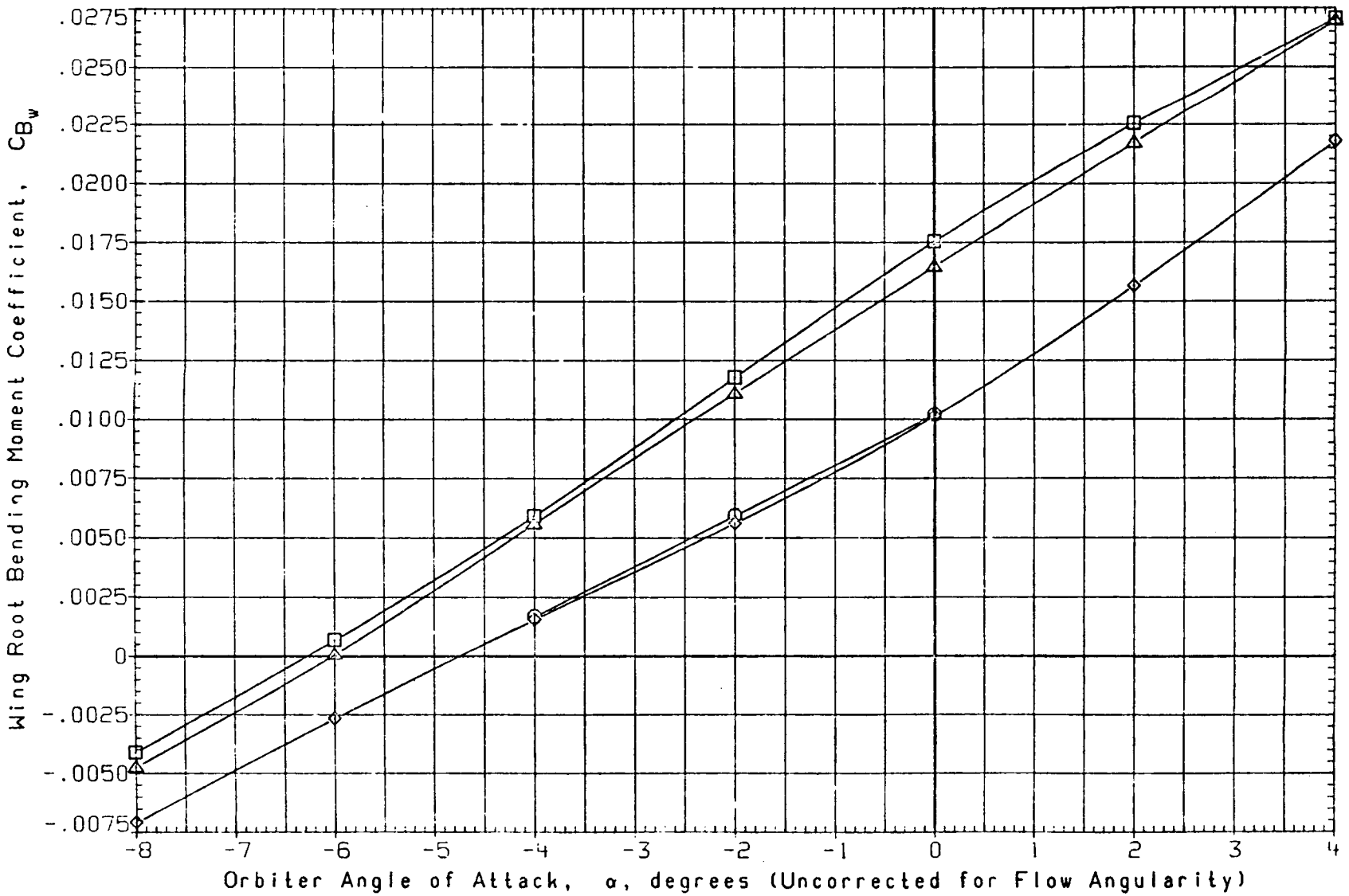


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O9PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

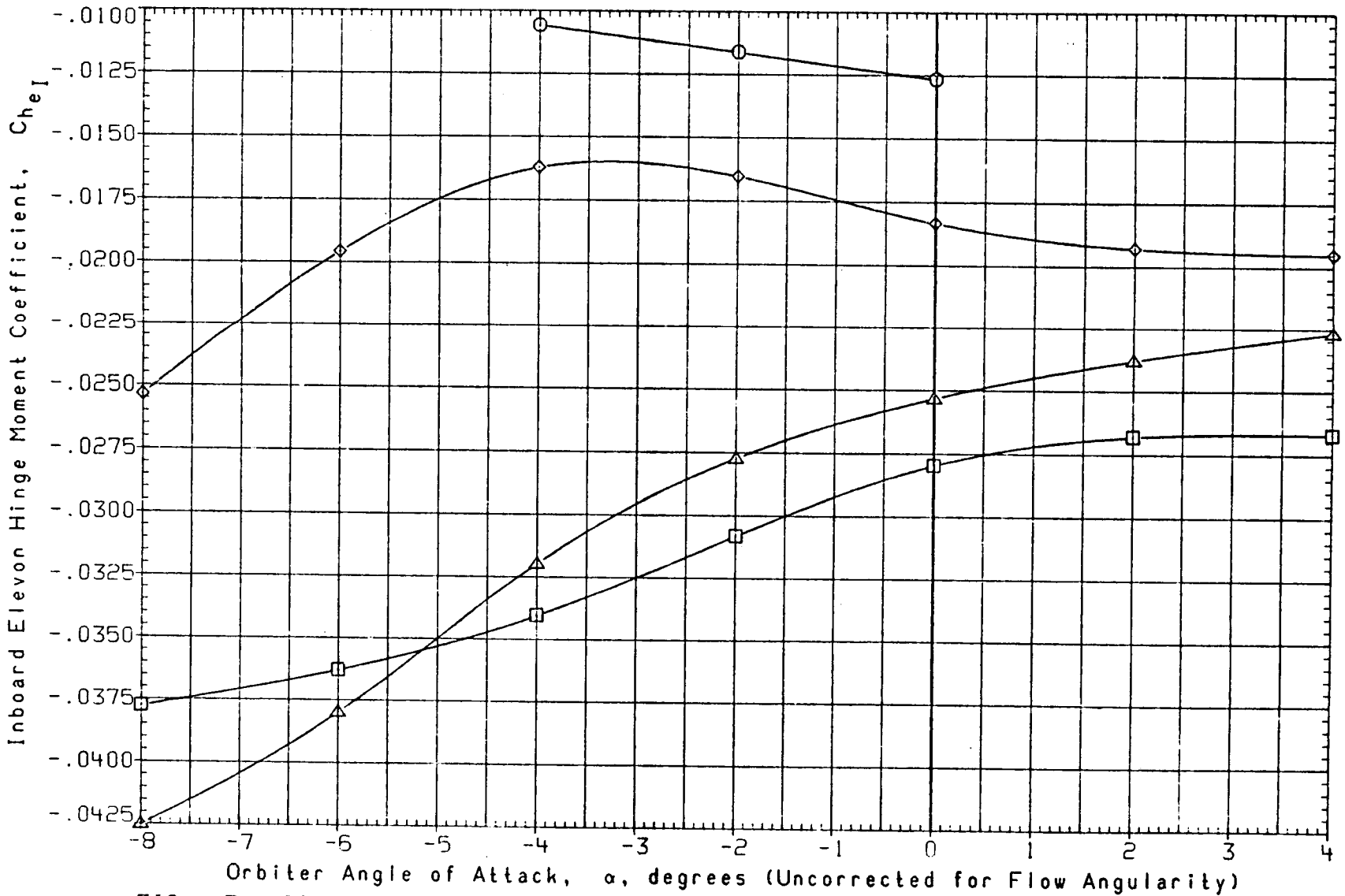


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

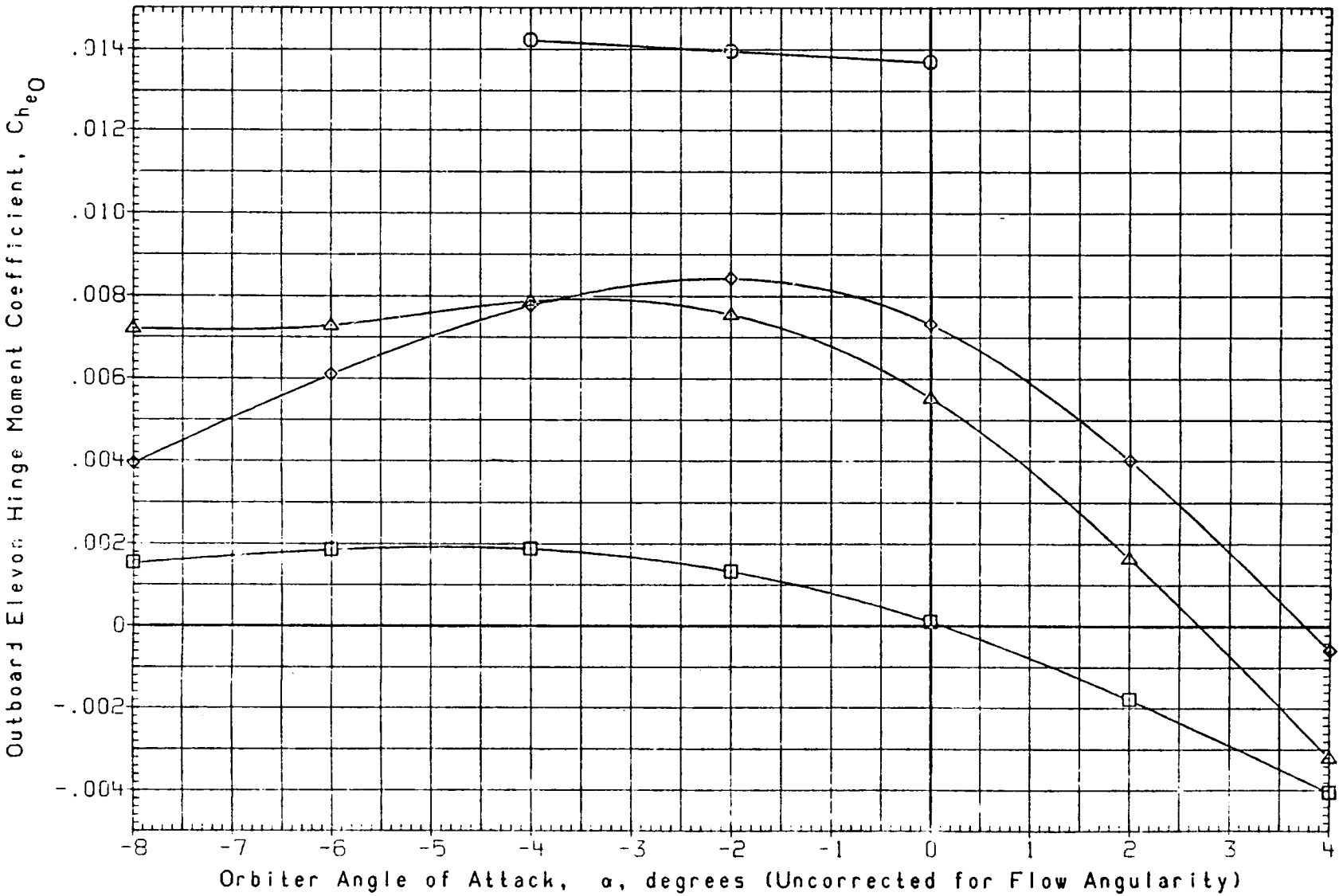


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

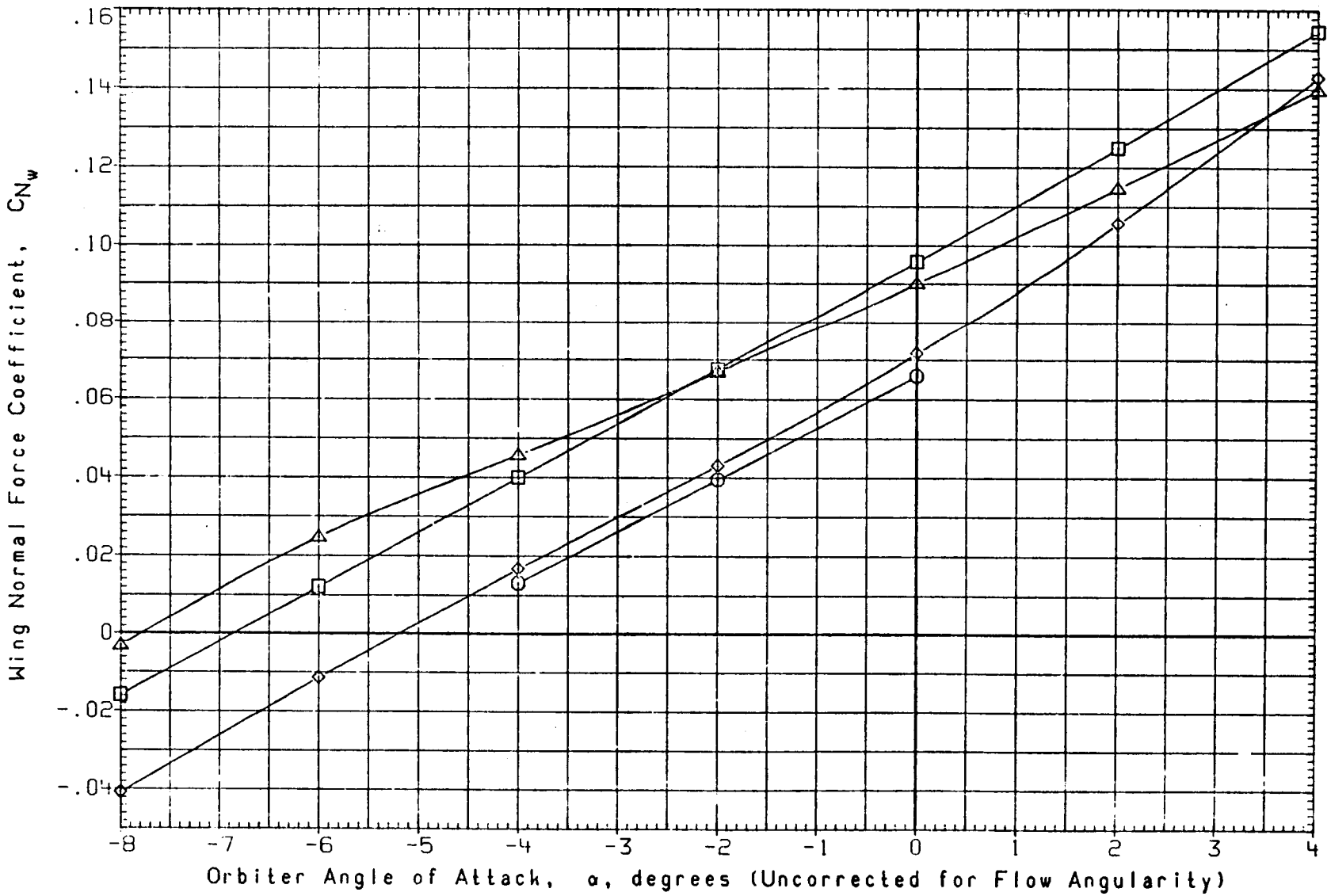


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

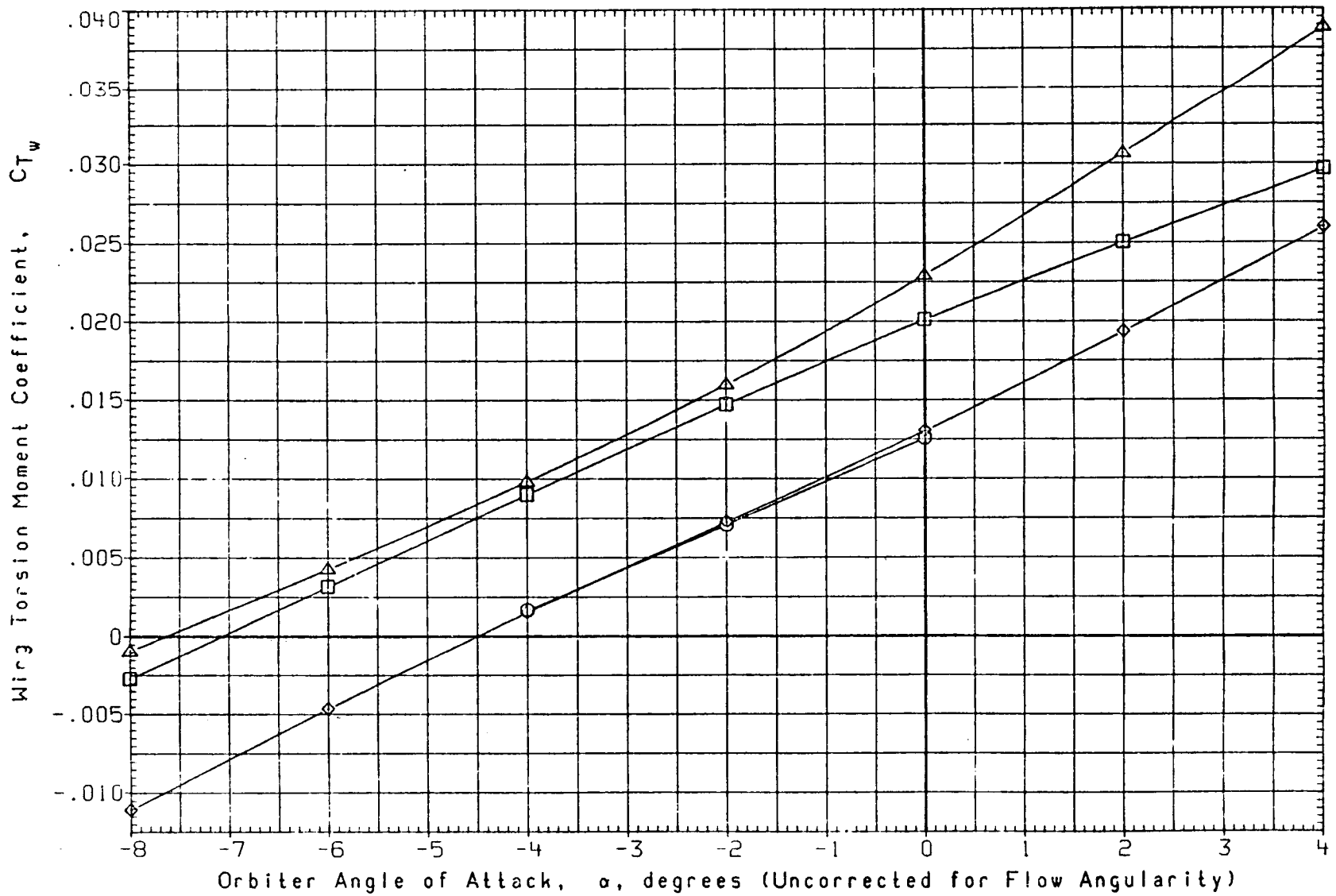


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U20W03	○	IA122 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW39	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

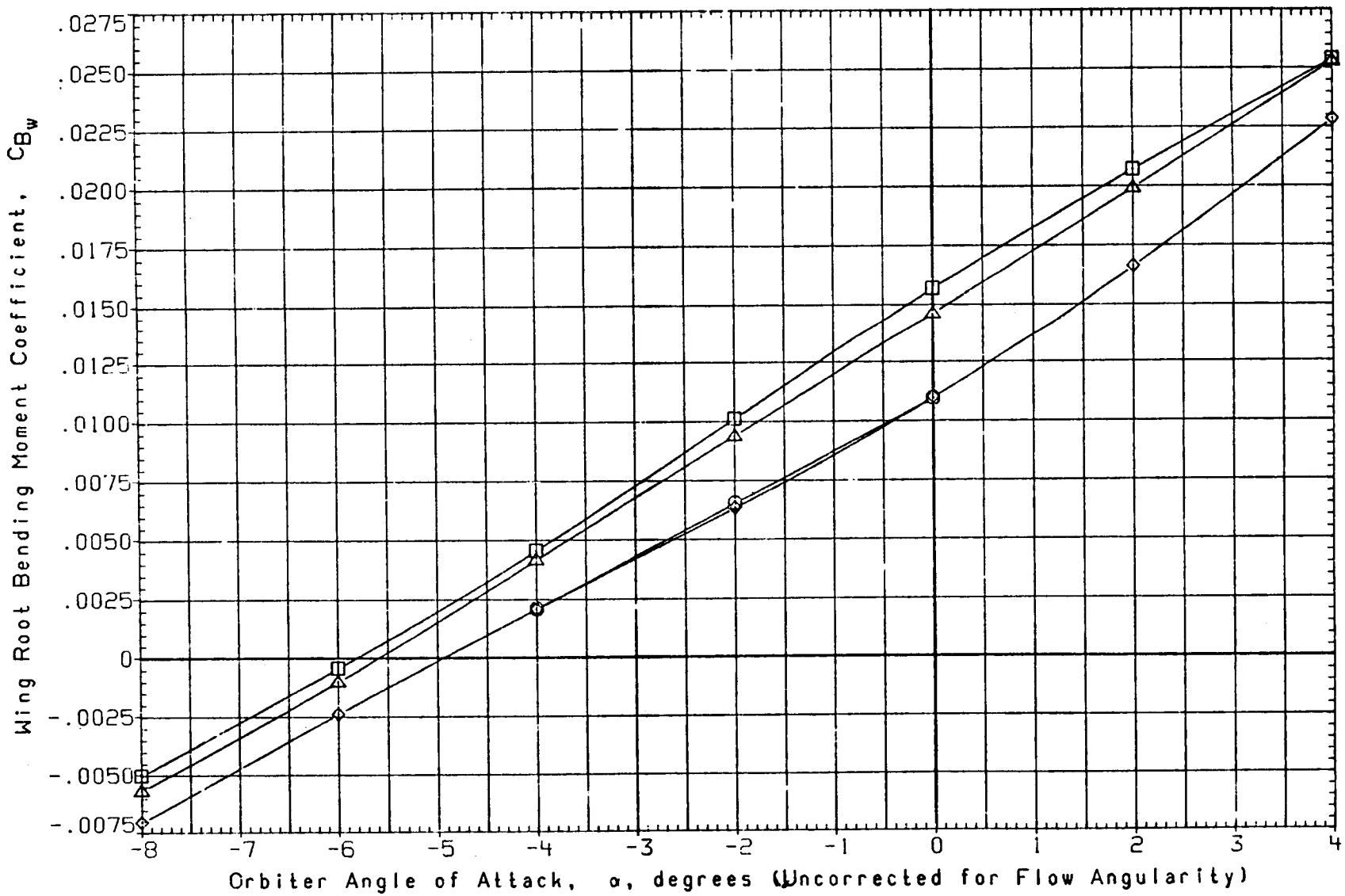


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U20W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW36	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U6NW45	△	IA155A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

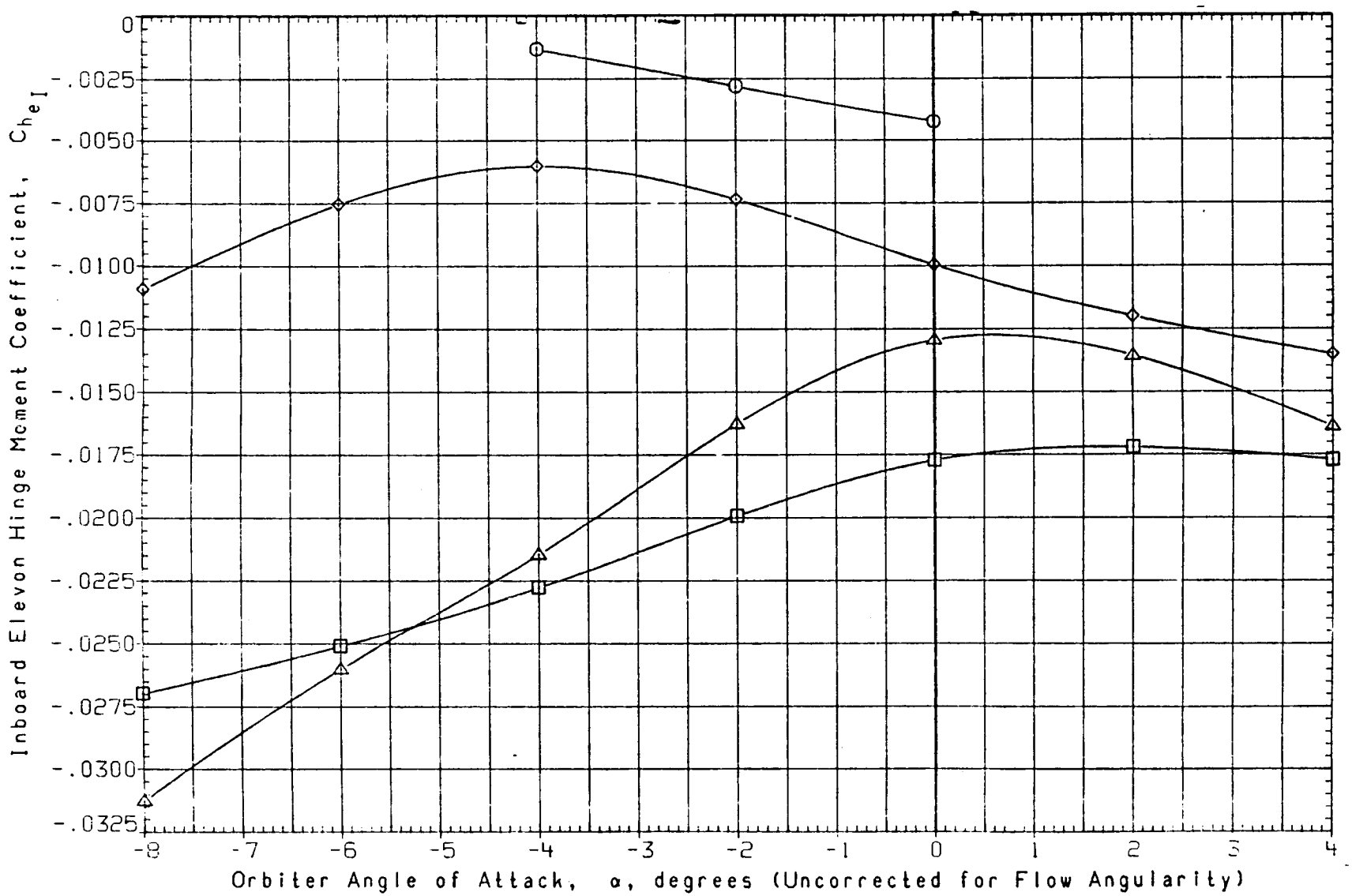


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
08PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U3NW45	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

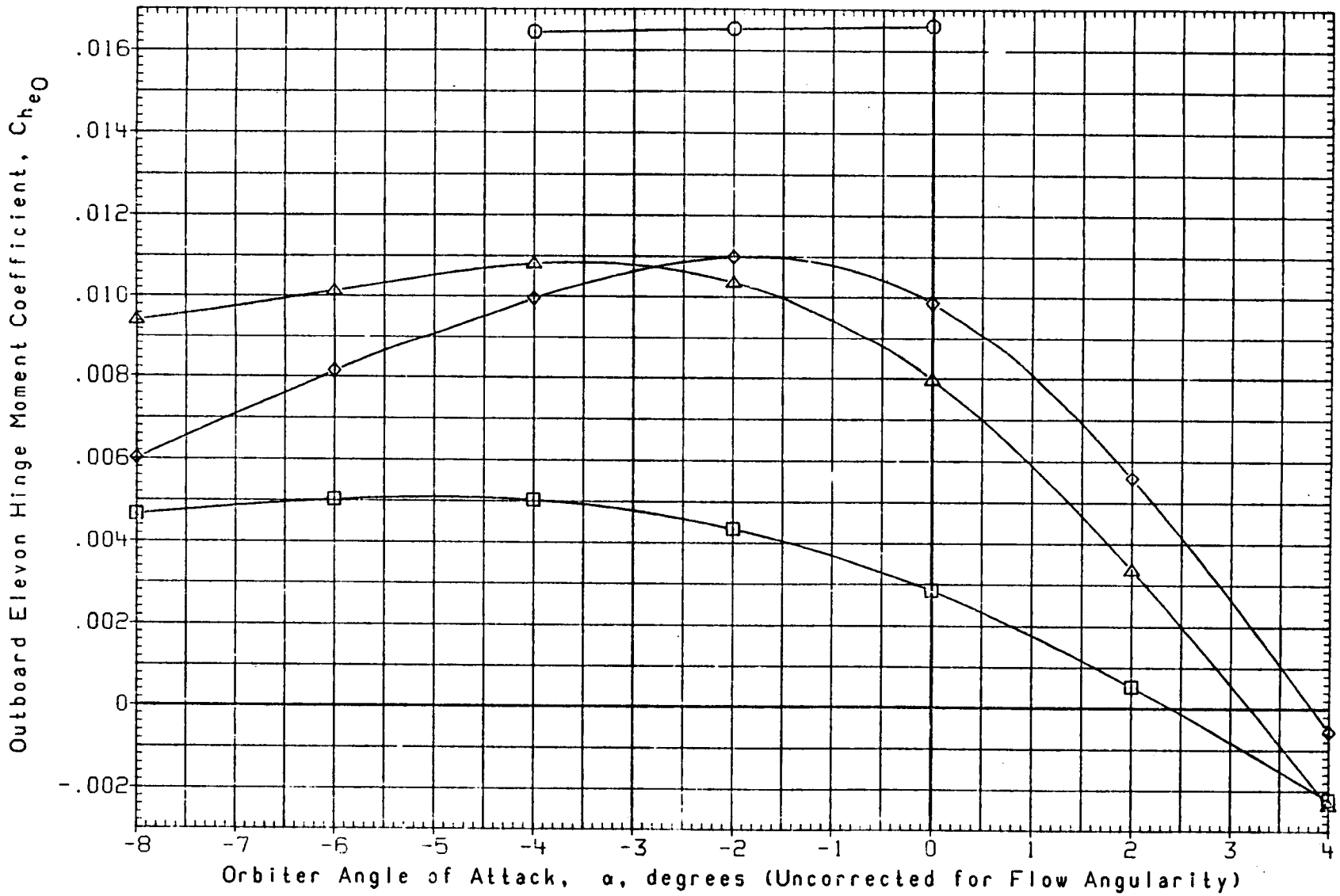


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

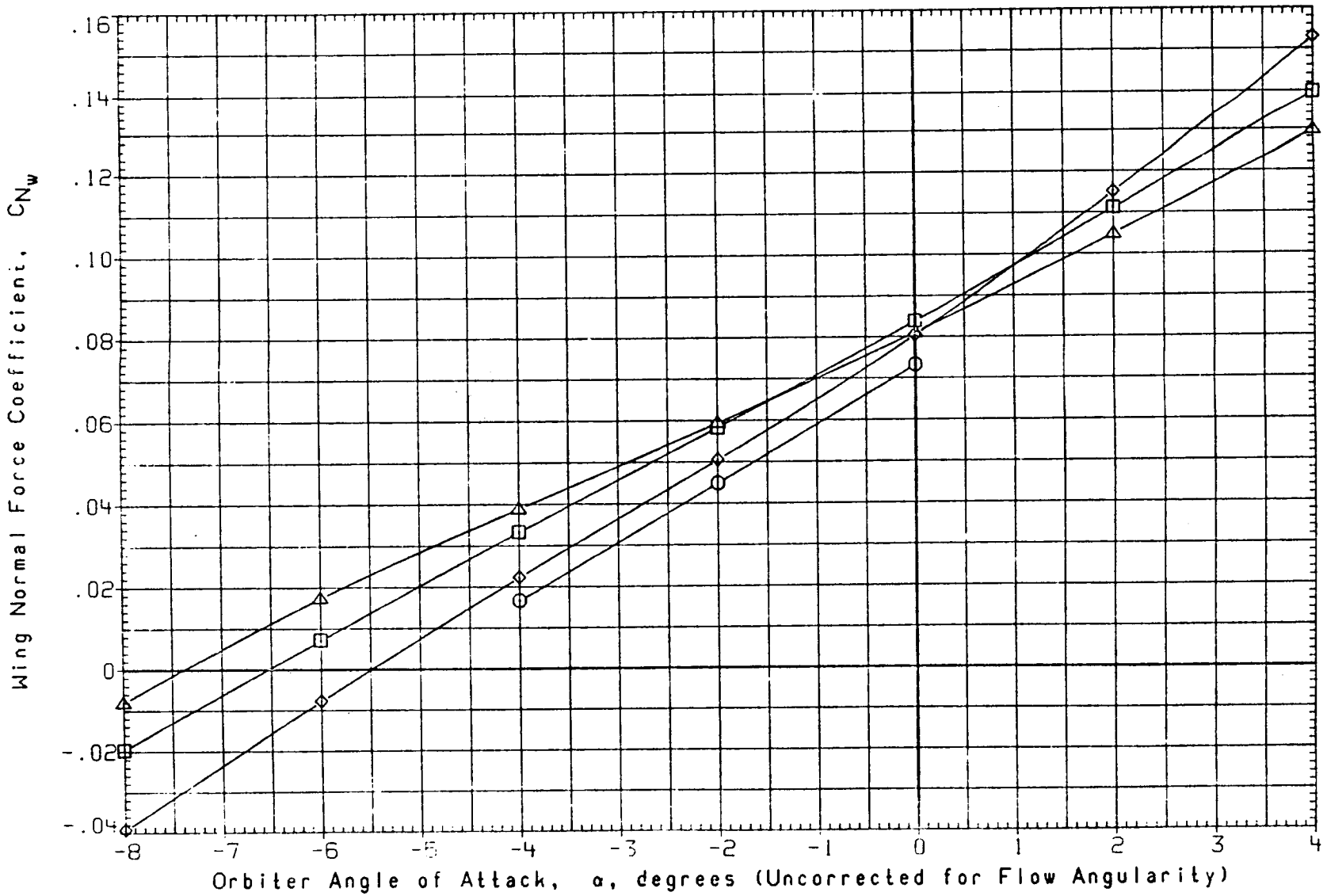


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA155A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

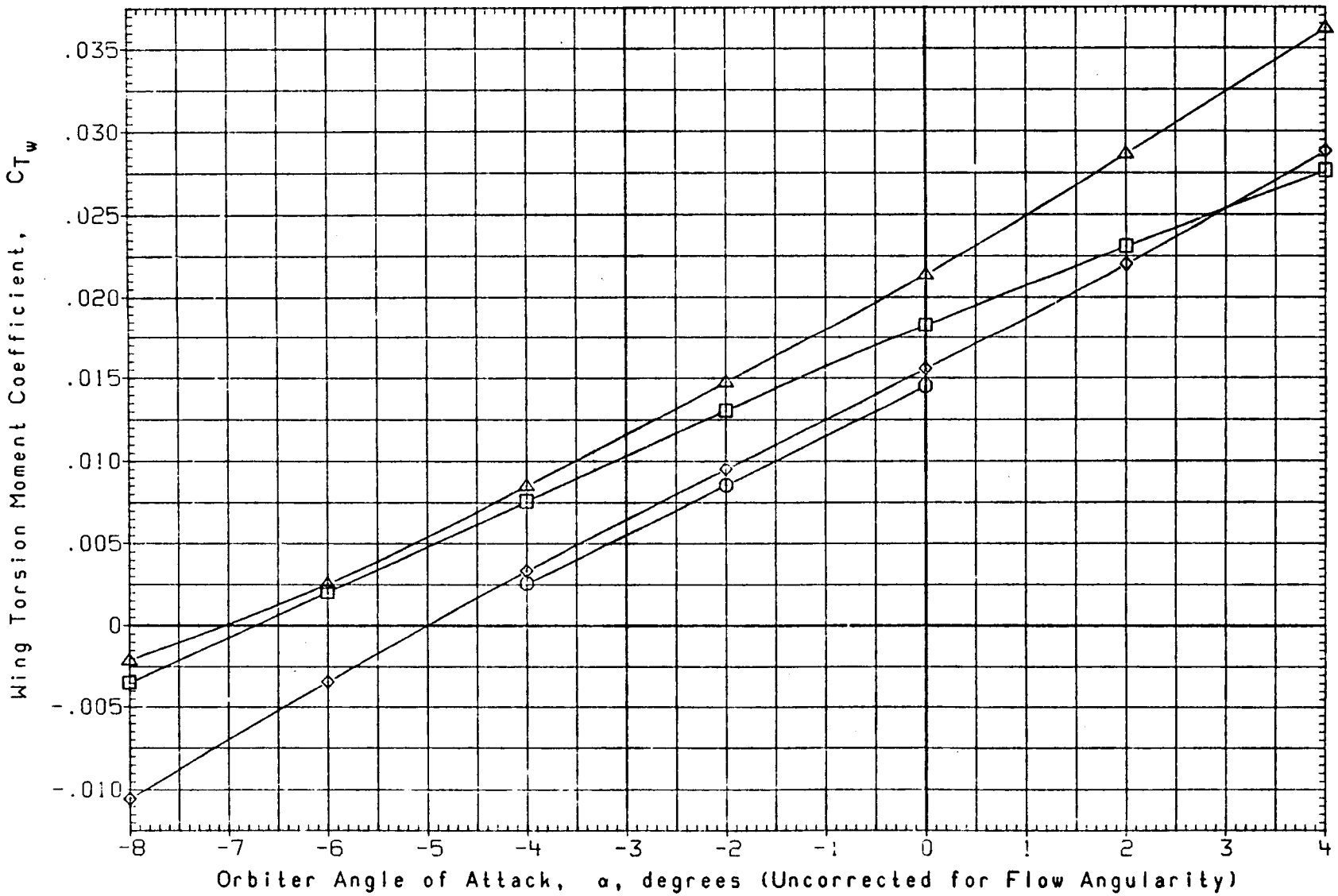


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
C8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW39	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

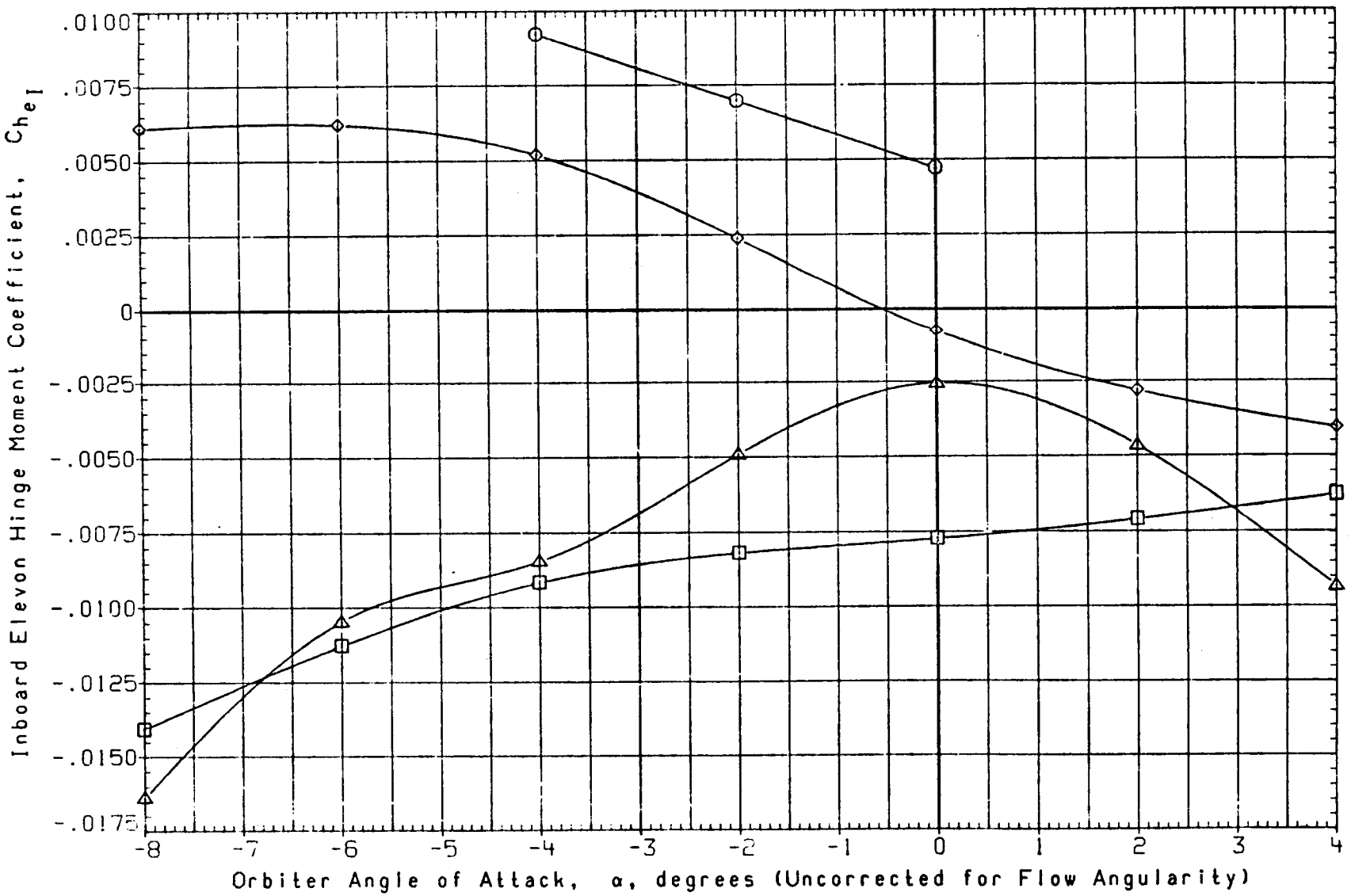


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW03	○	IA1R2 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW15	□	IA1SE,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MX39	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA15EA,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

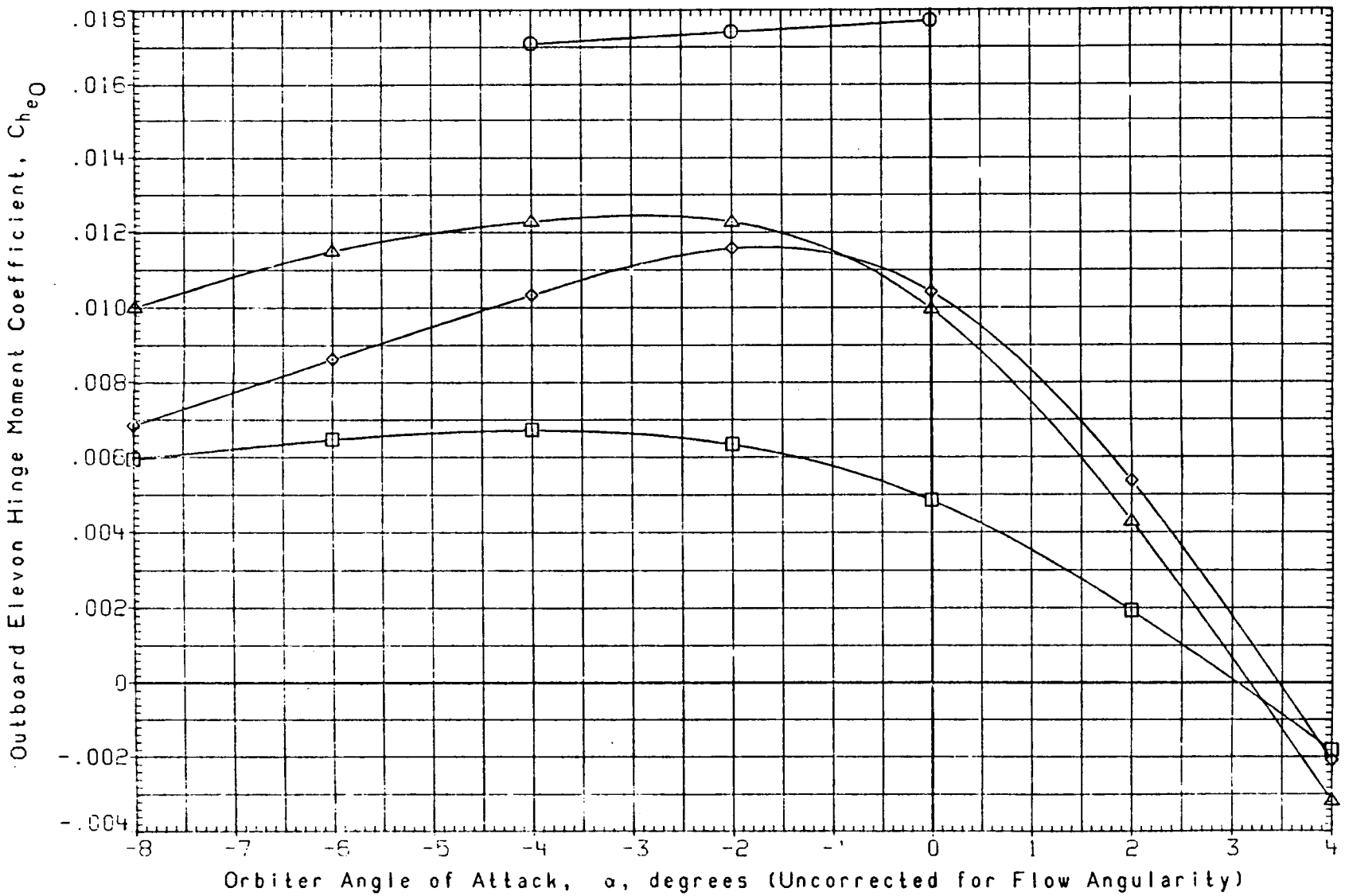


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA165A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

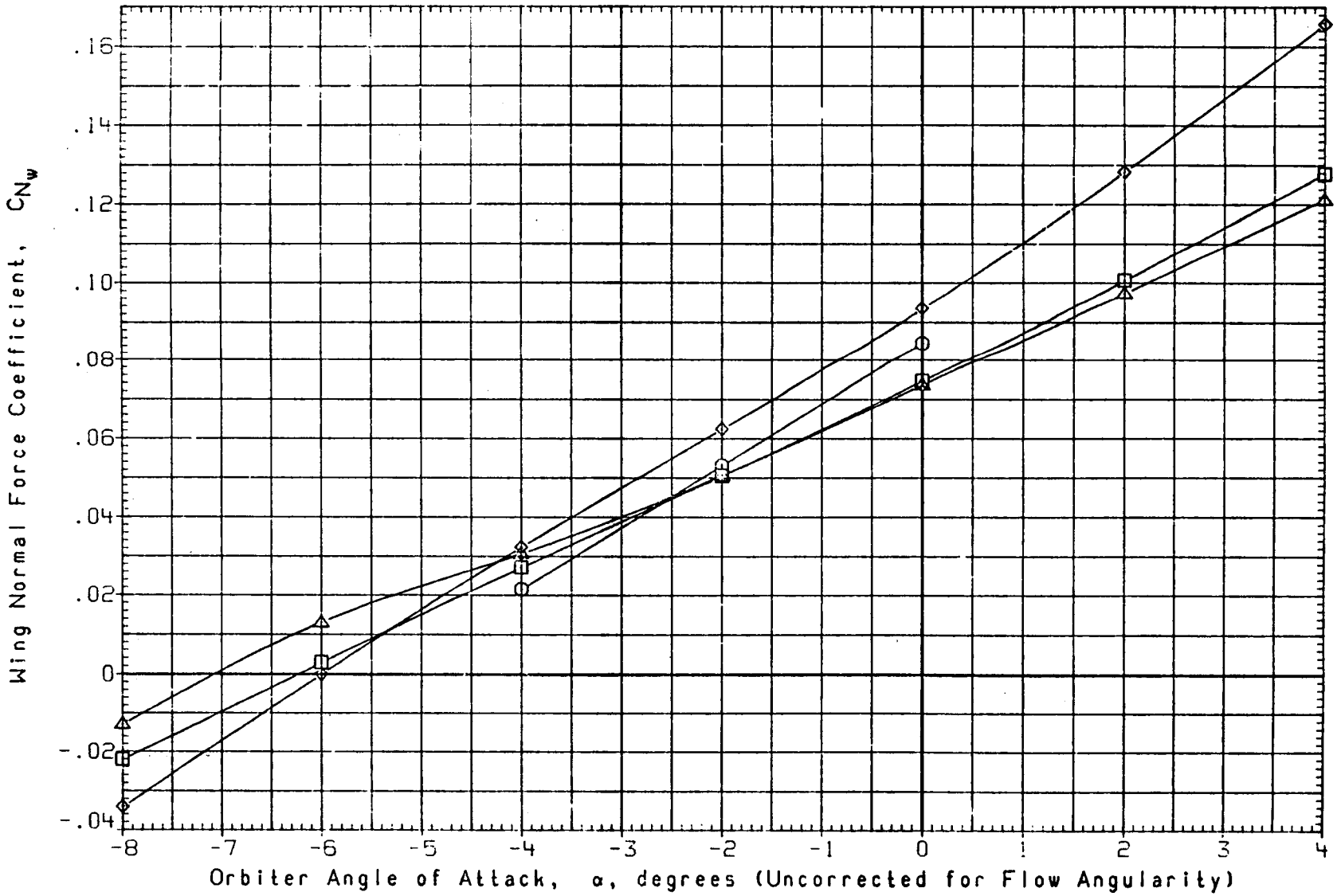


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

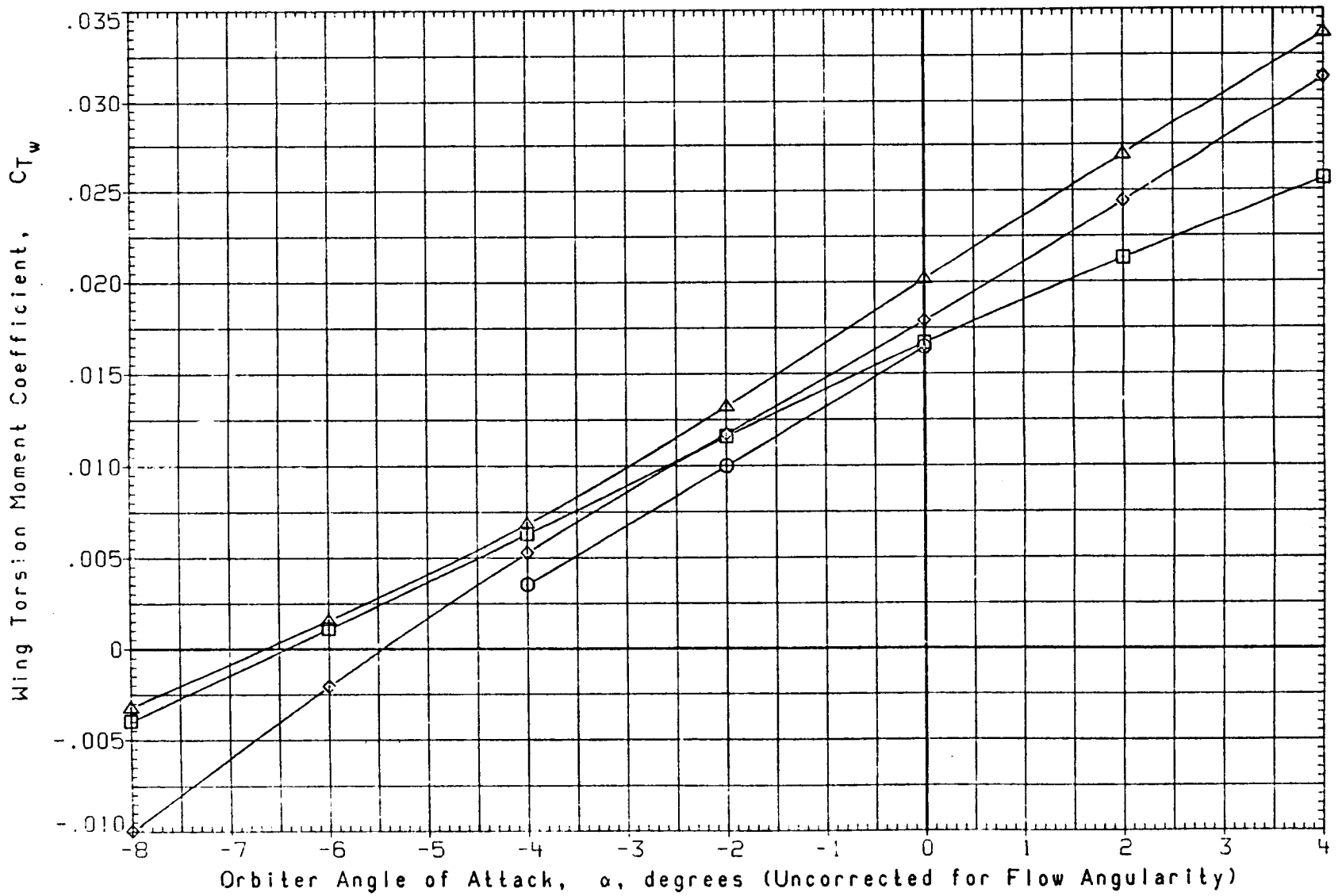


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U9MN38	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW39	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

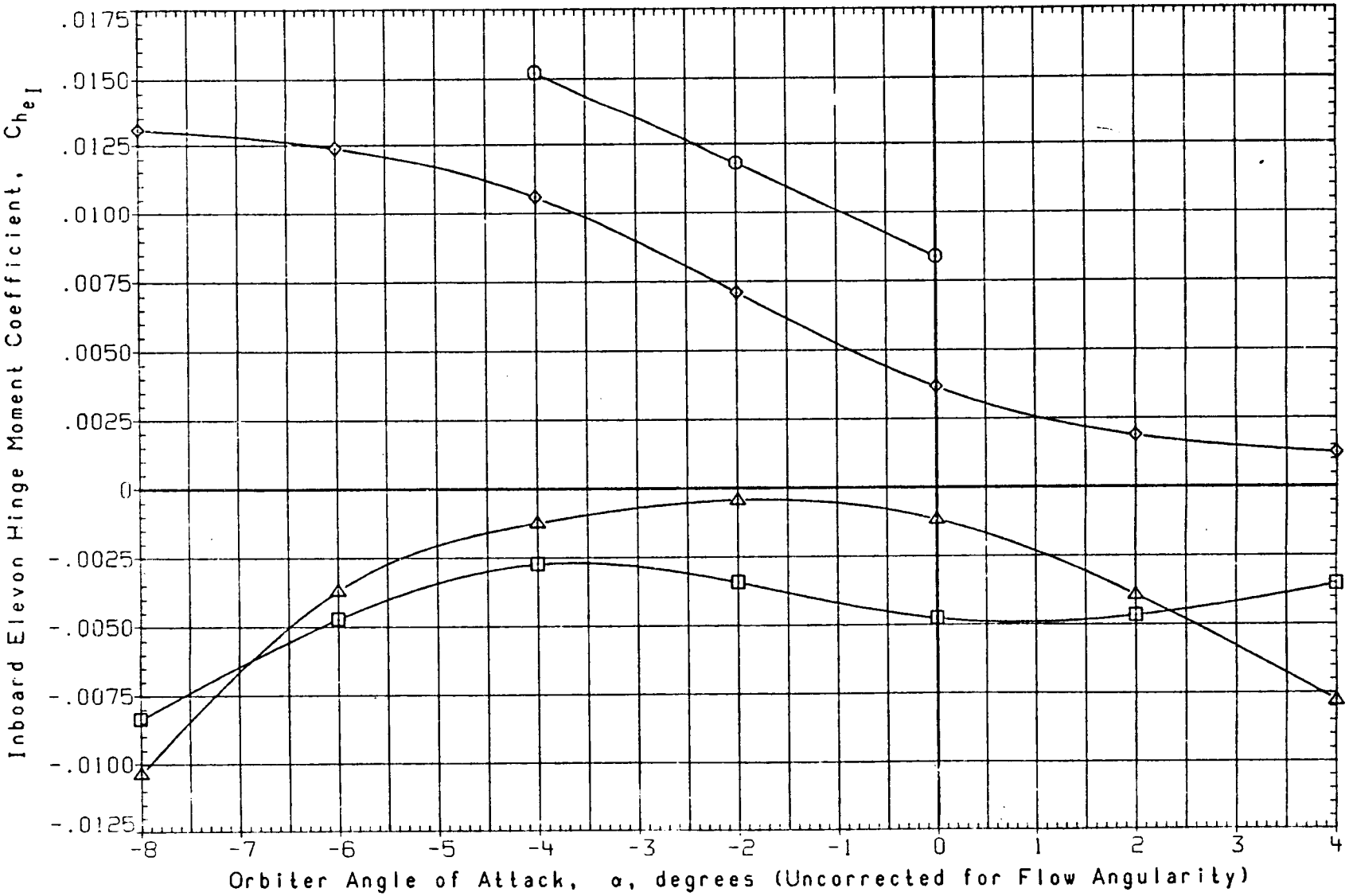


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETCU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

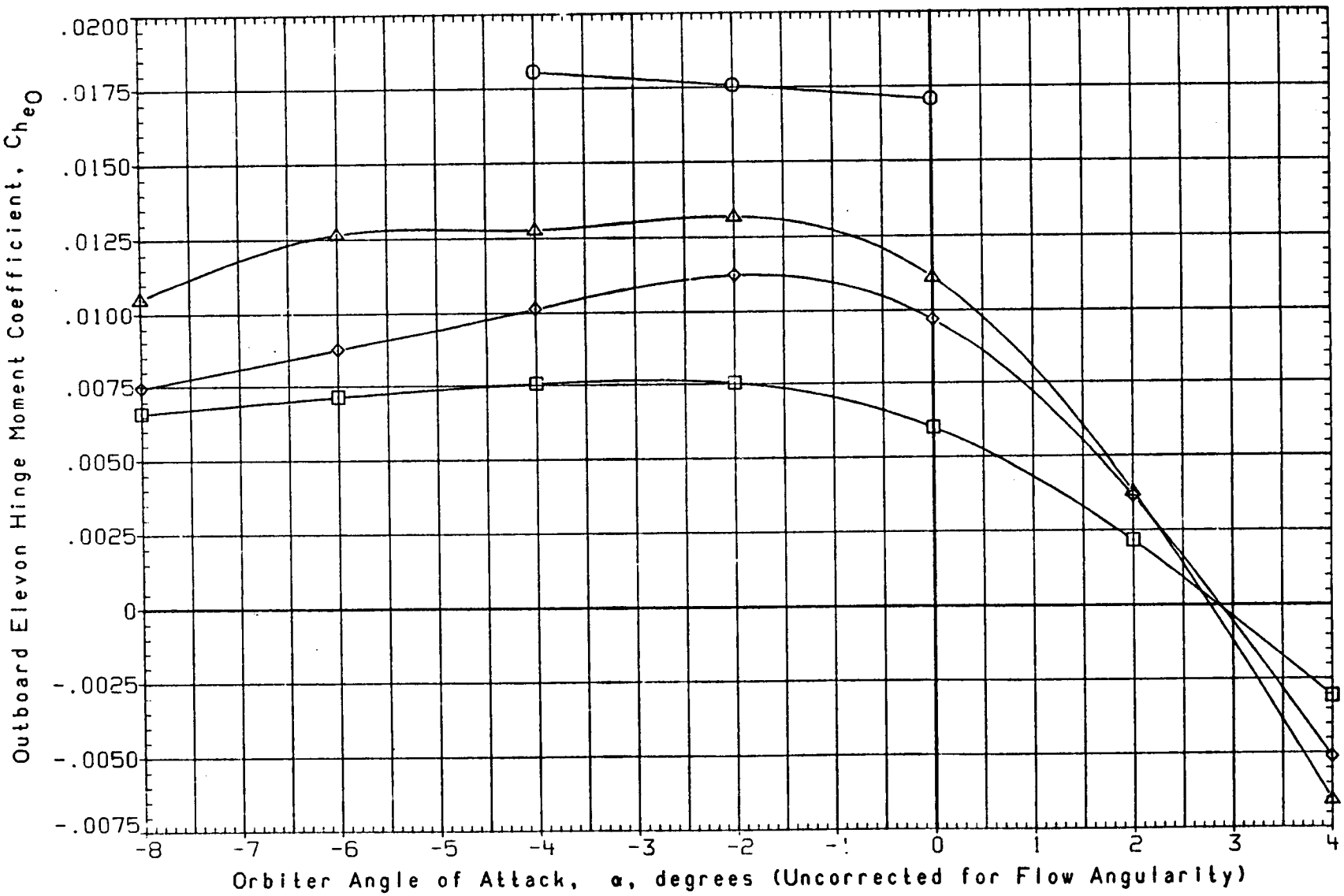


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
C8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

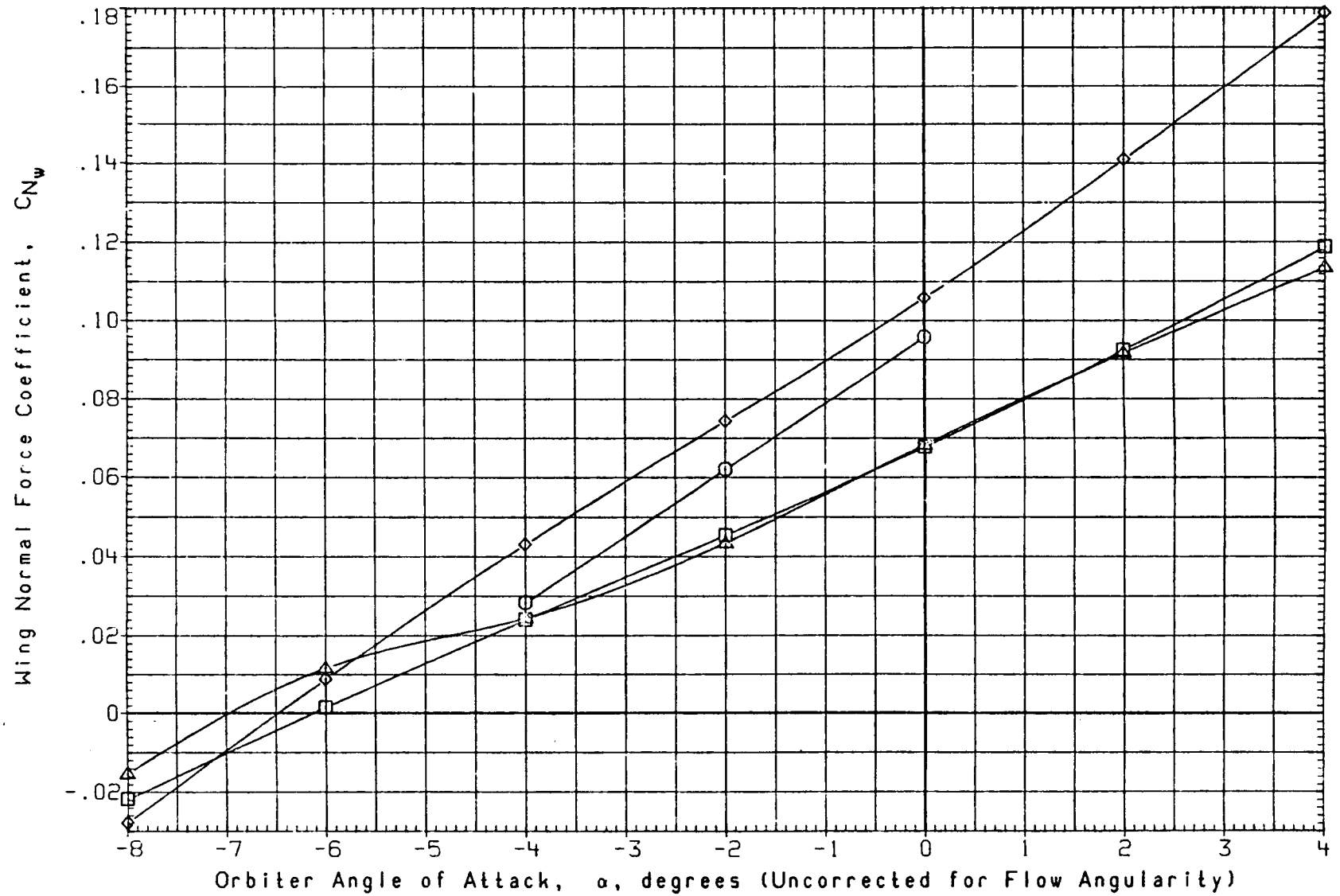


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCOPR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

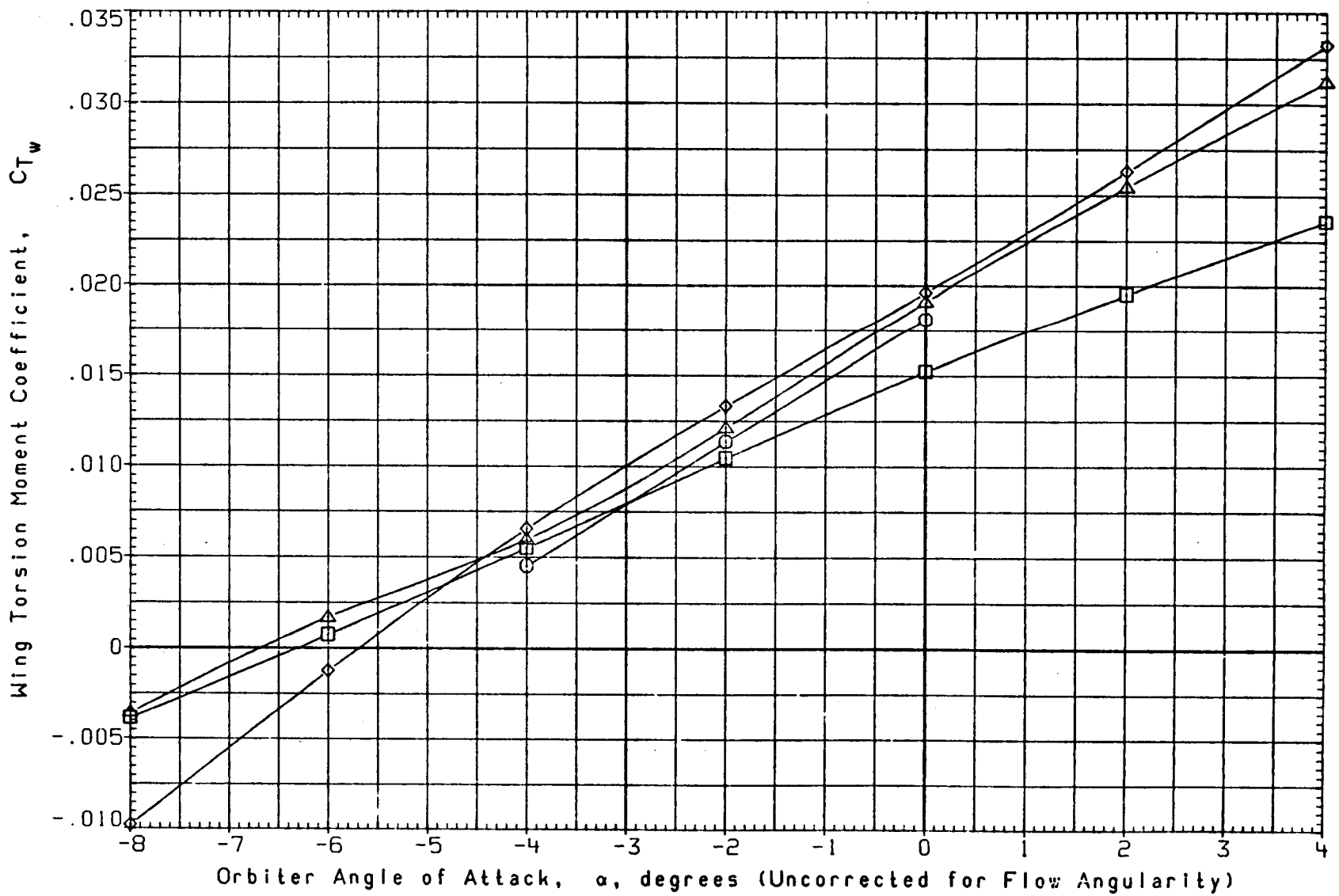


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
UECW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
UEPW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
UEMW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
UENW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

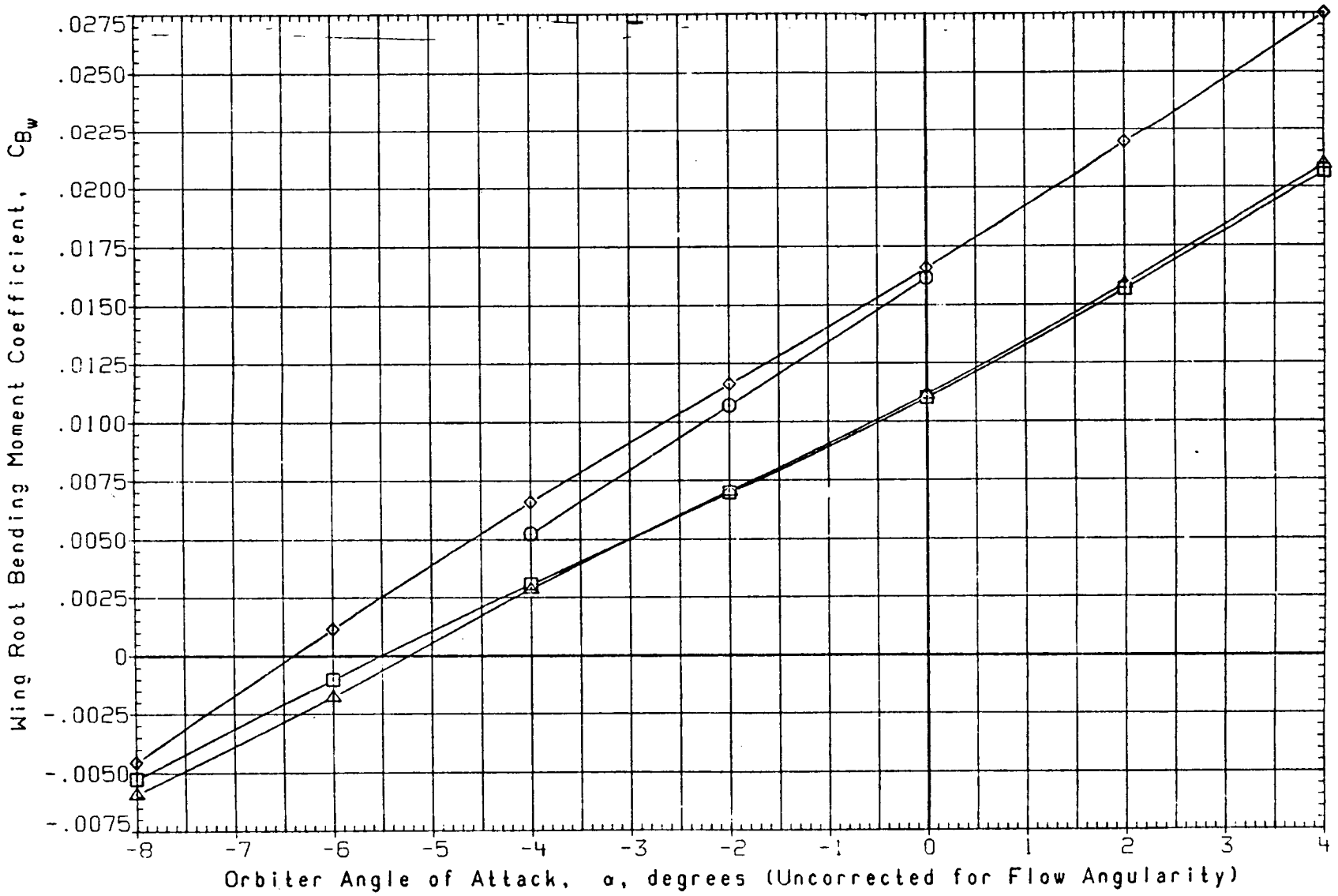


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U9NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

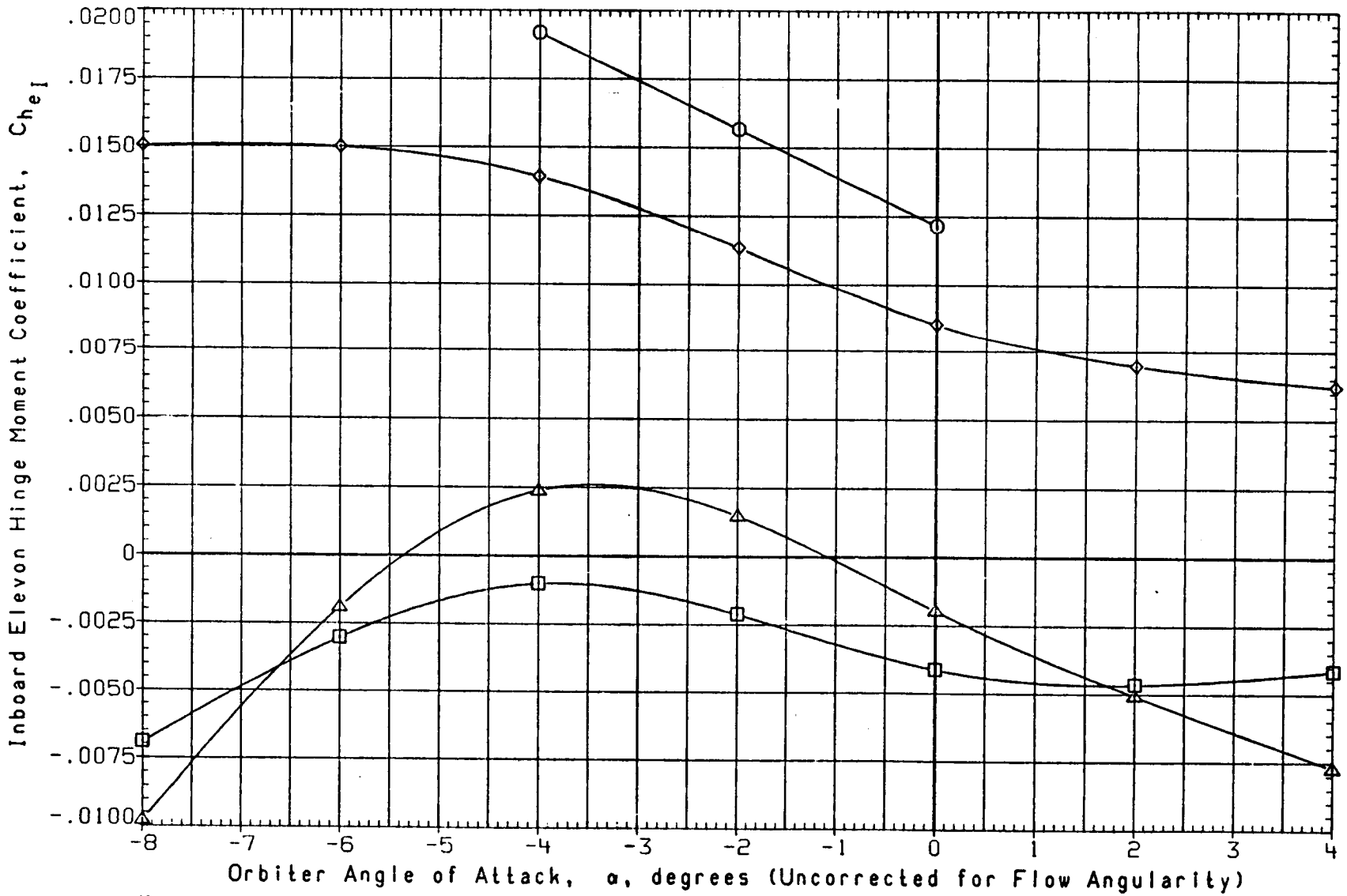


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

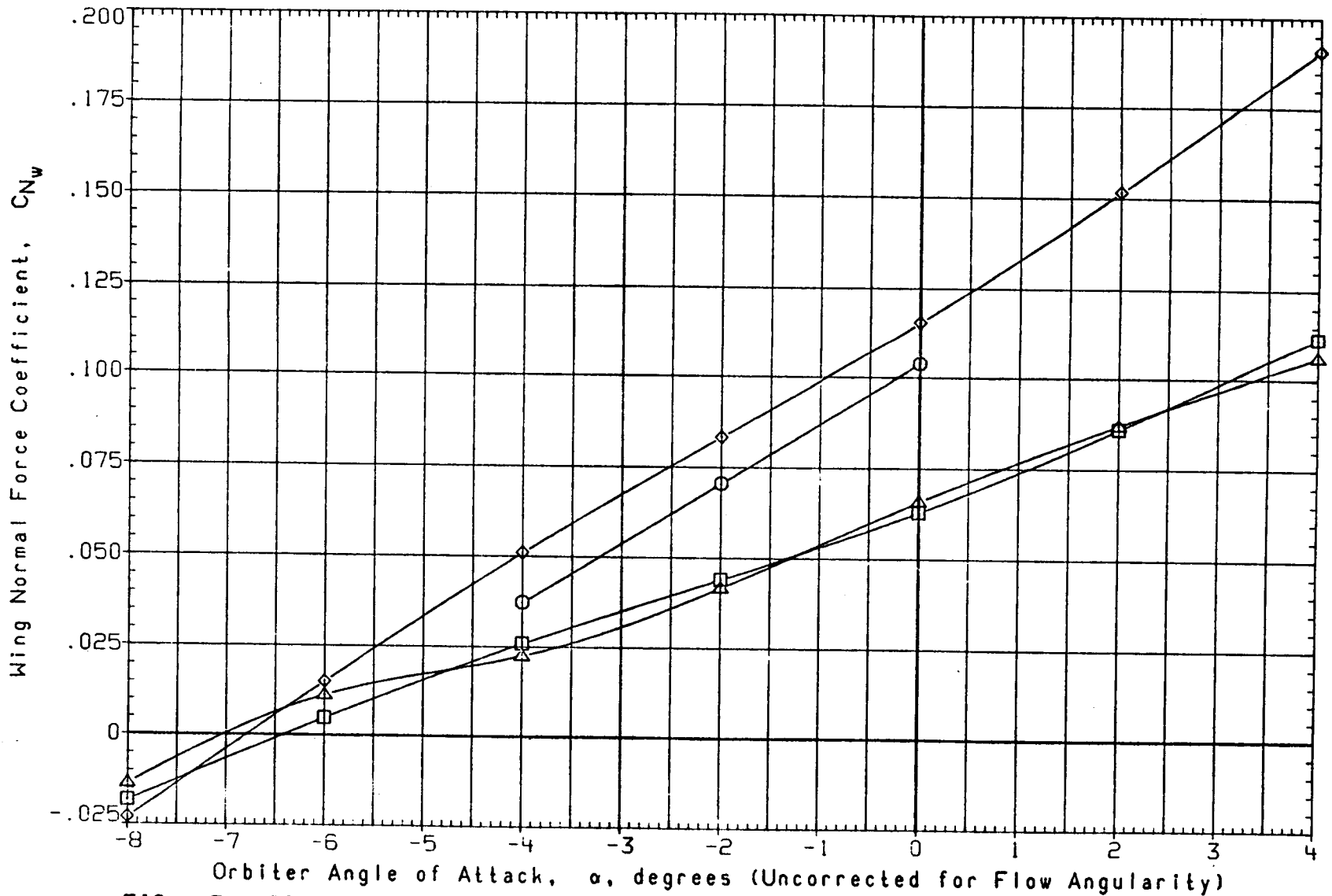


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
C9PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

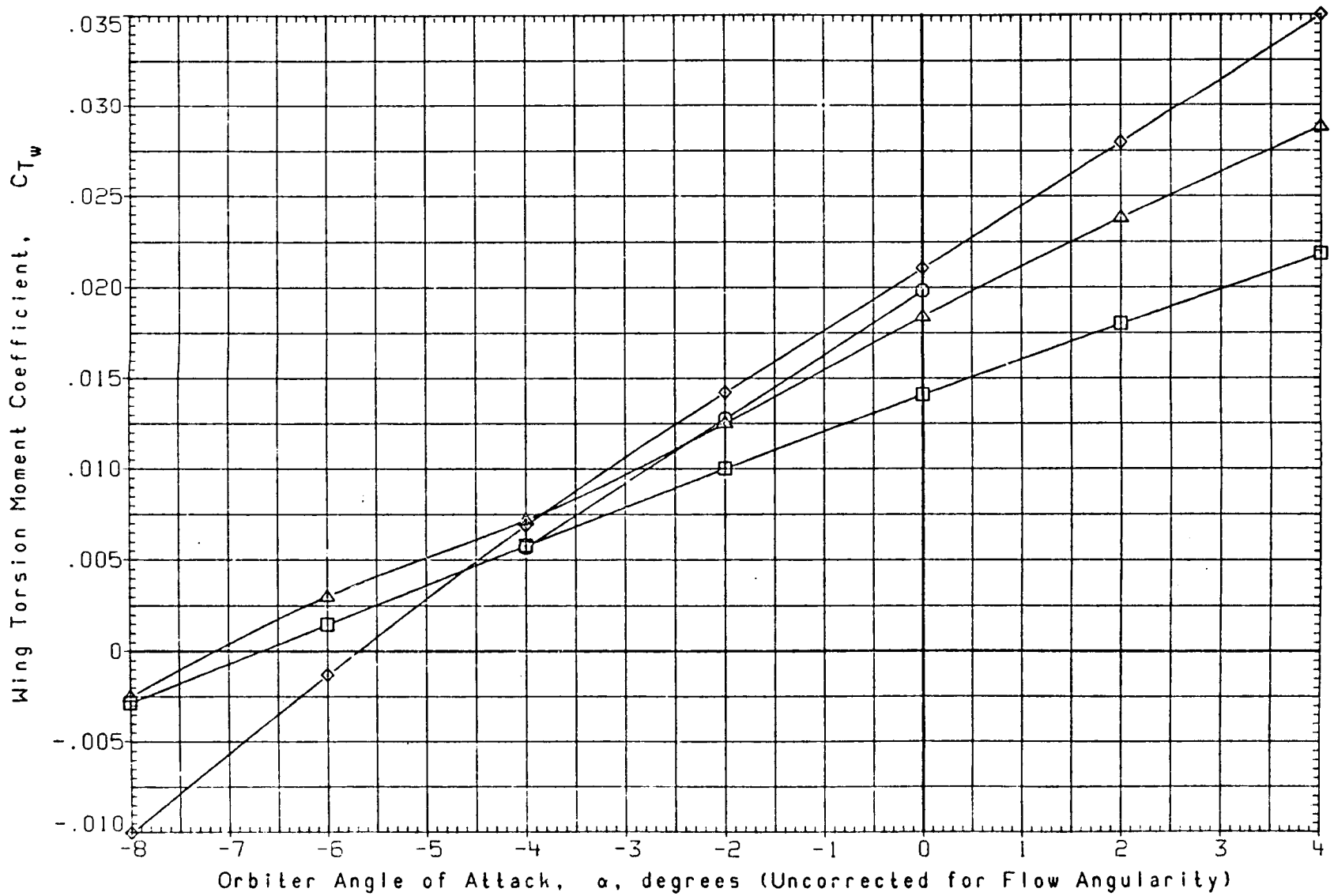


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	'B-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

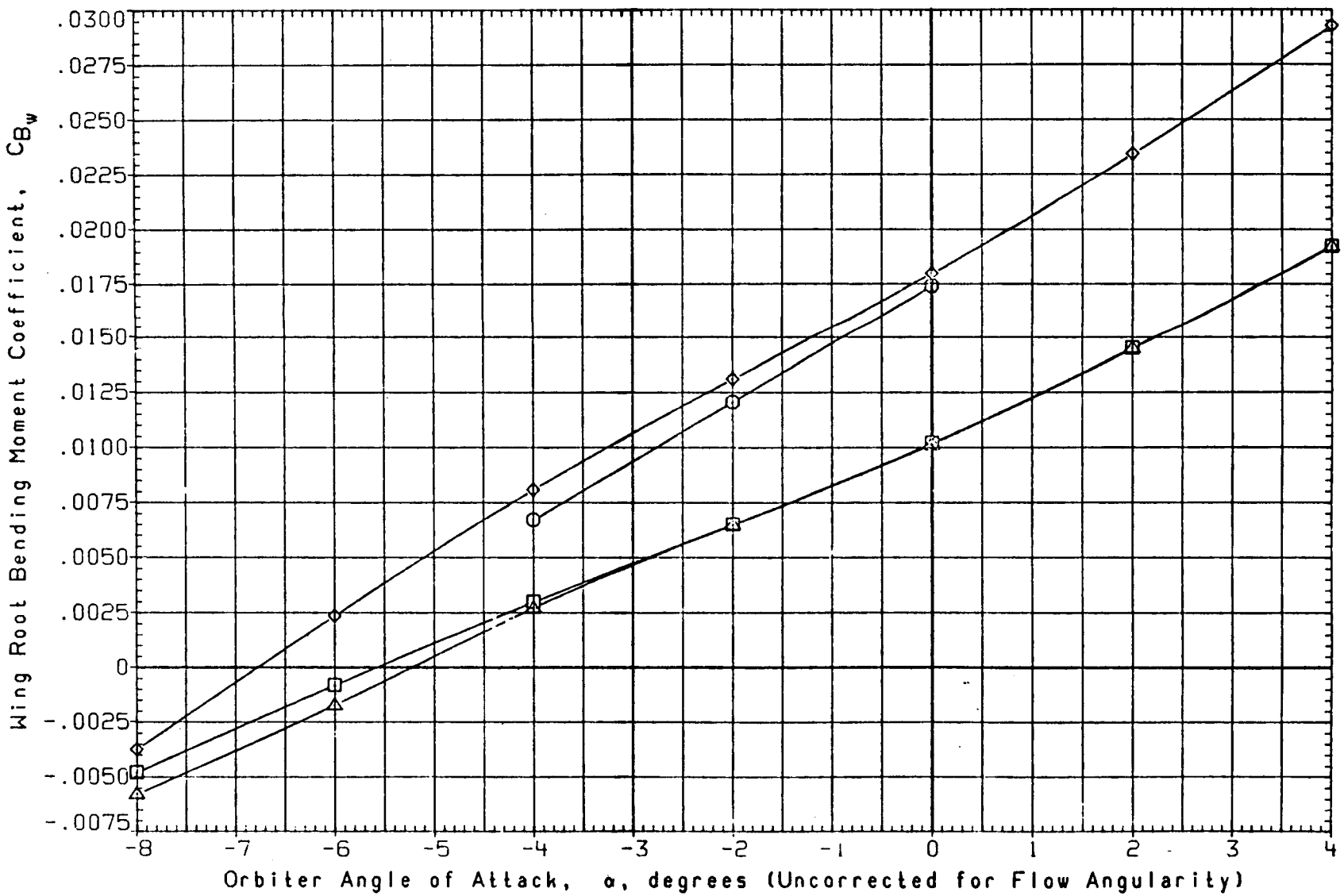


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

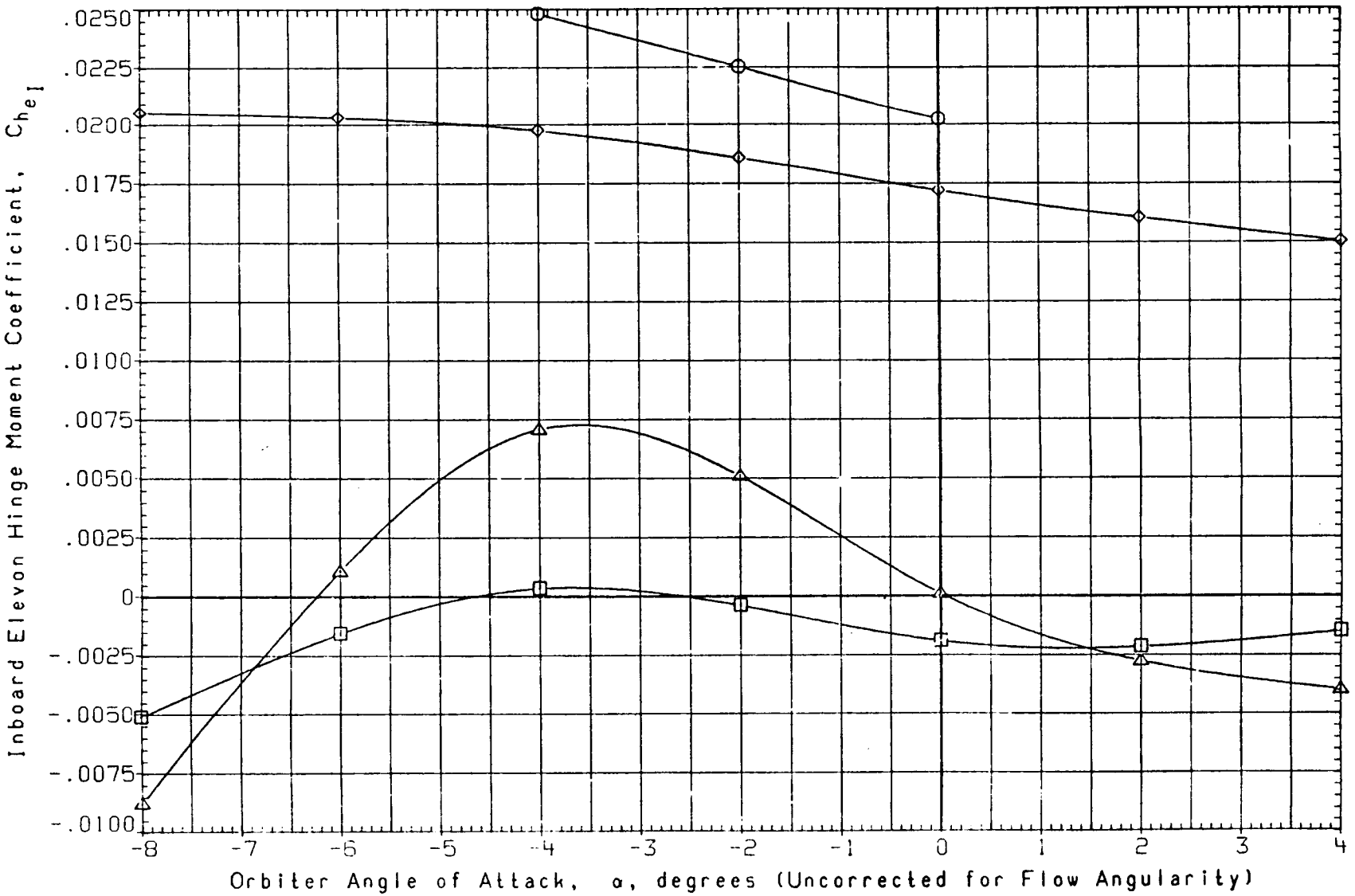


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	.950	10.000	5.000
U8MW38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NW45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

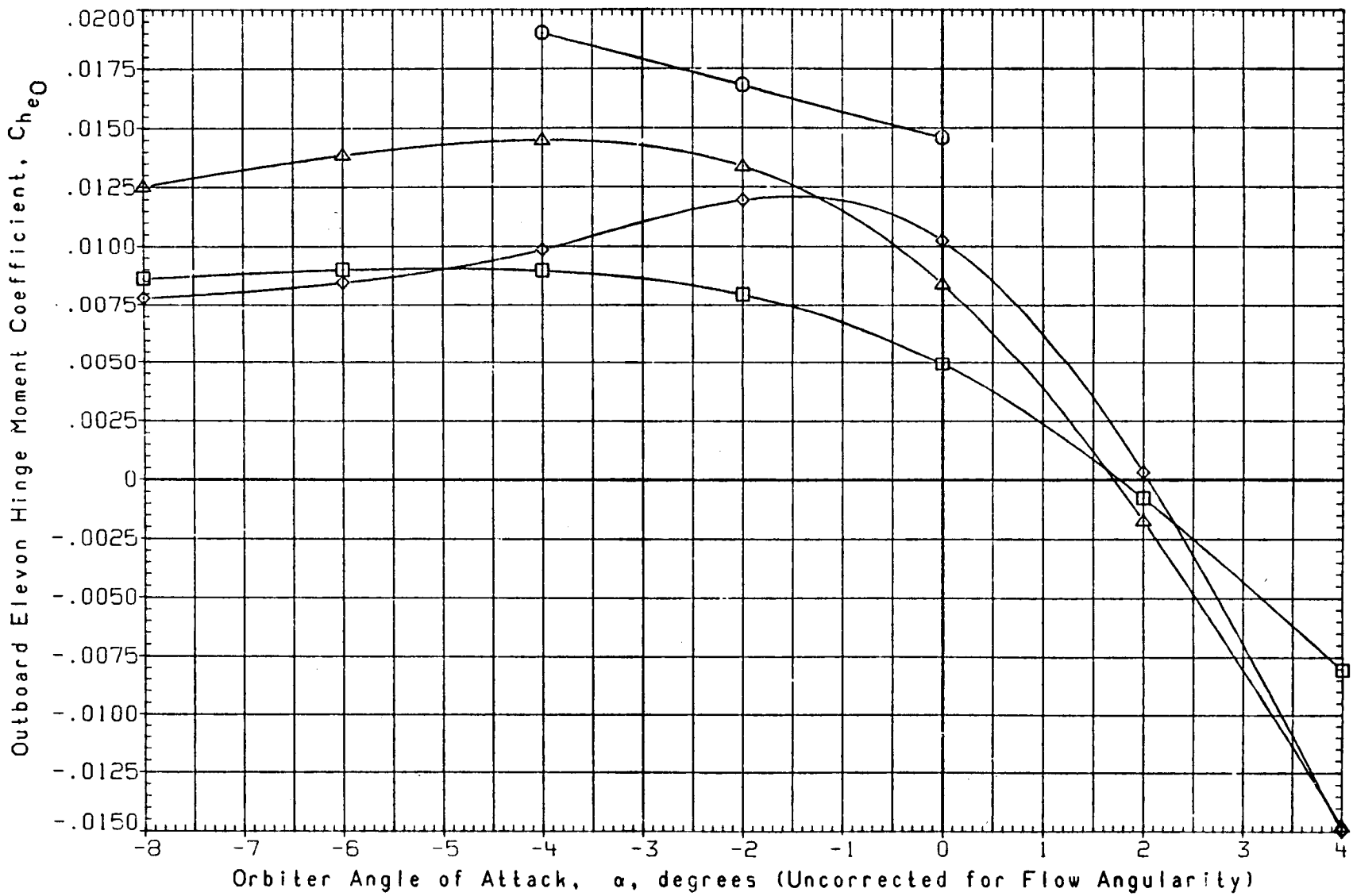


FIG. 34 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

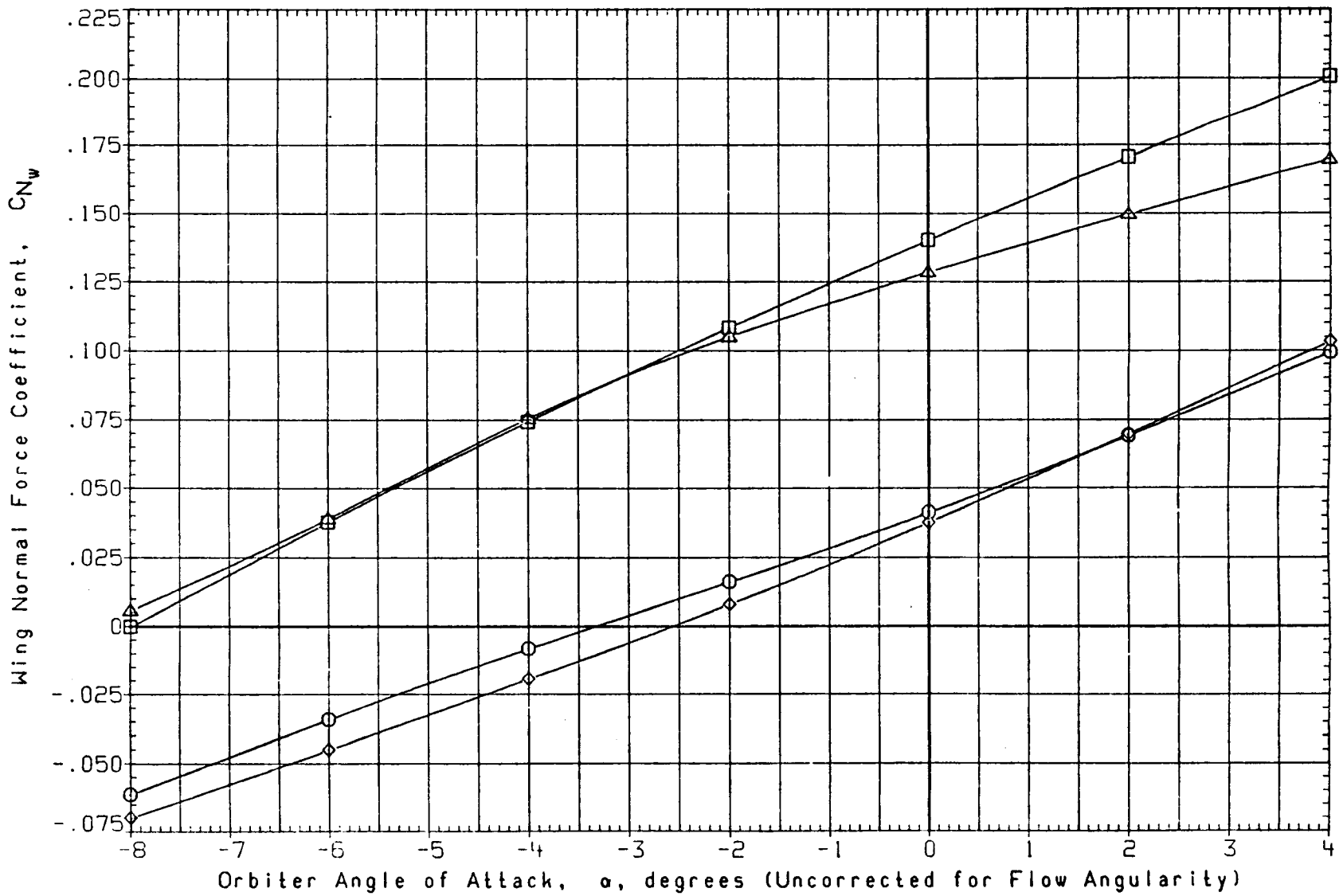


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

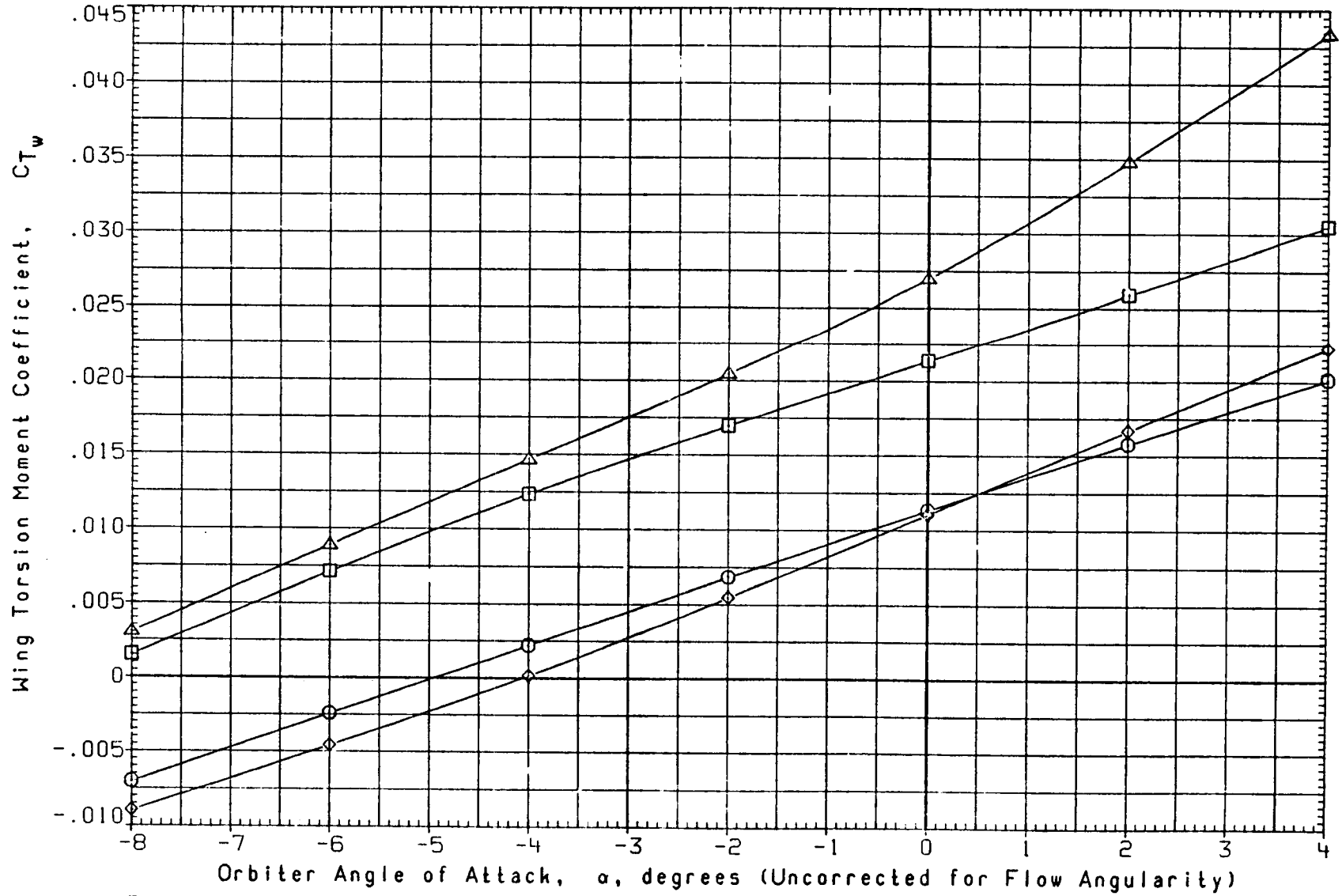


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

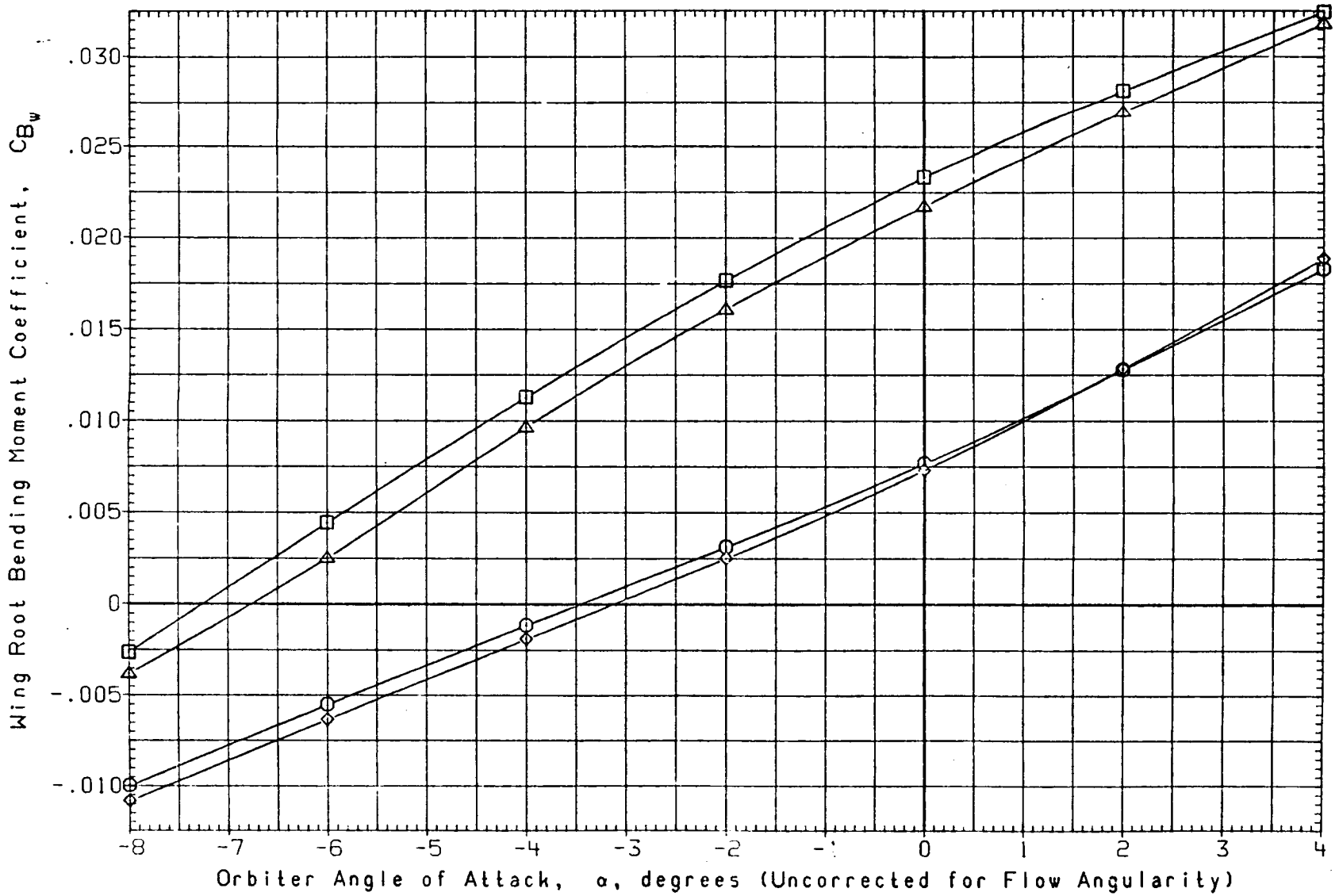


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

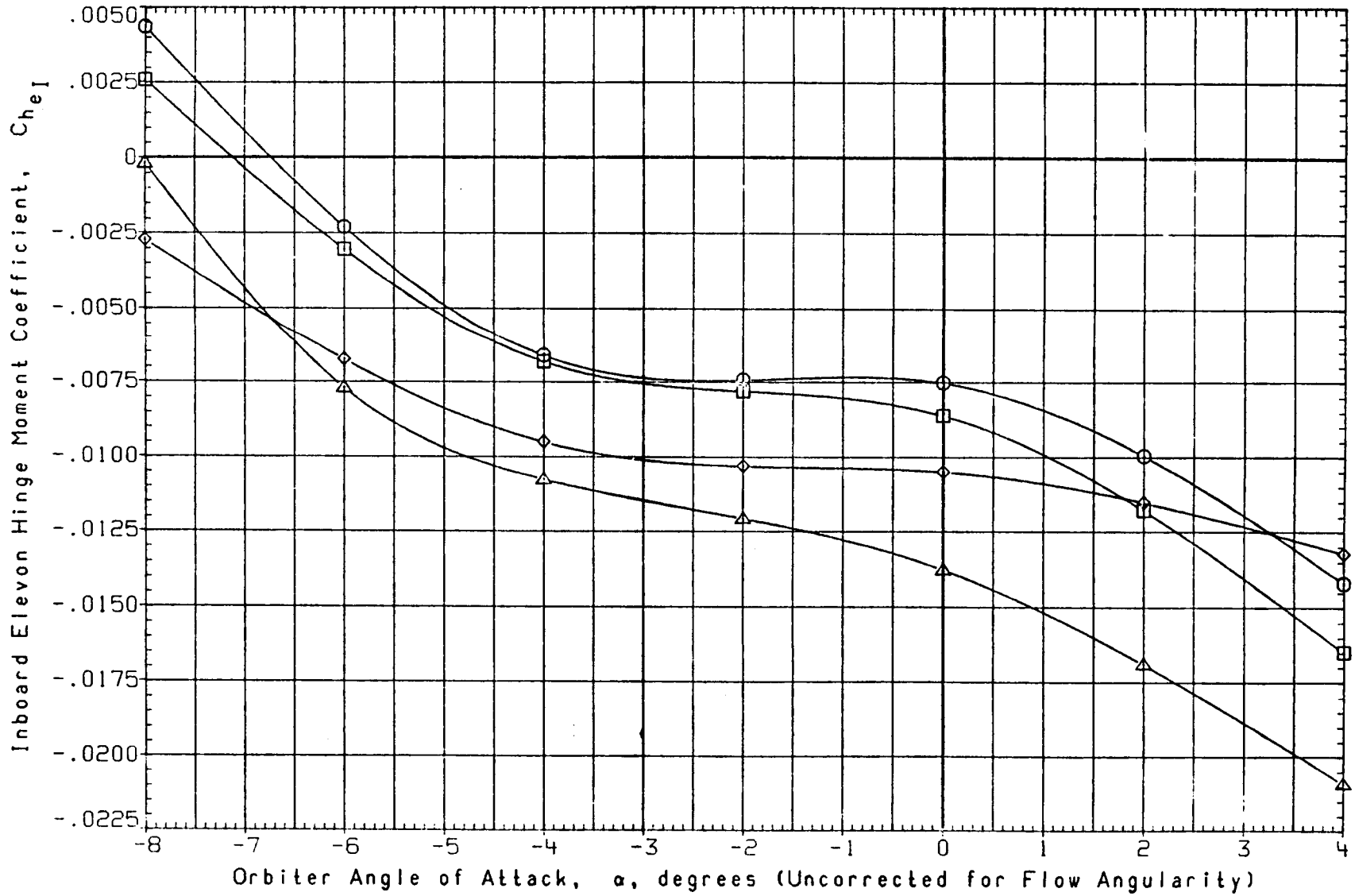


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
08PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

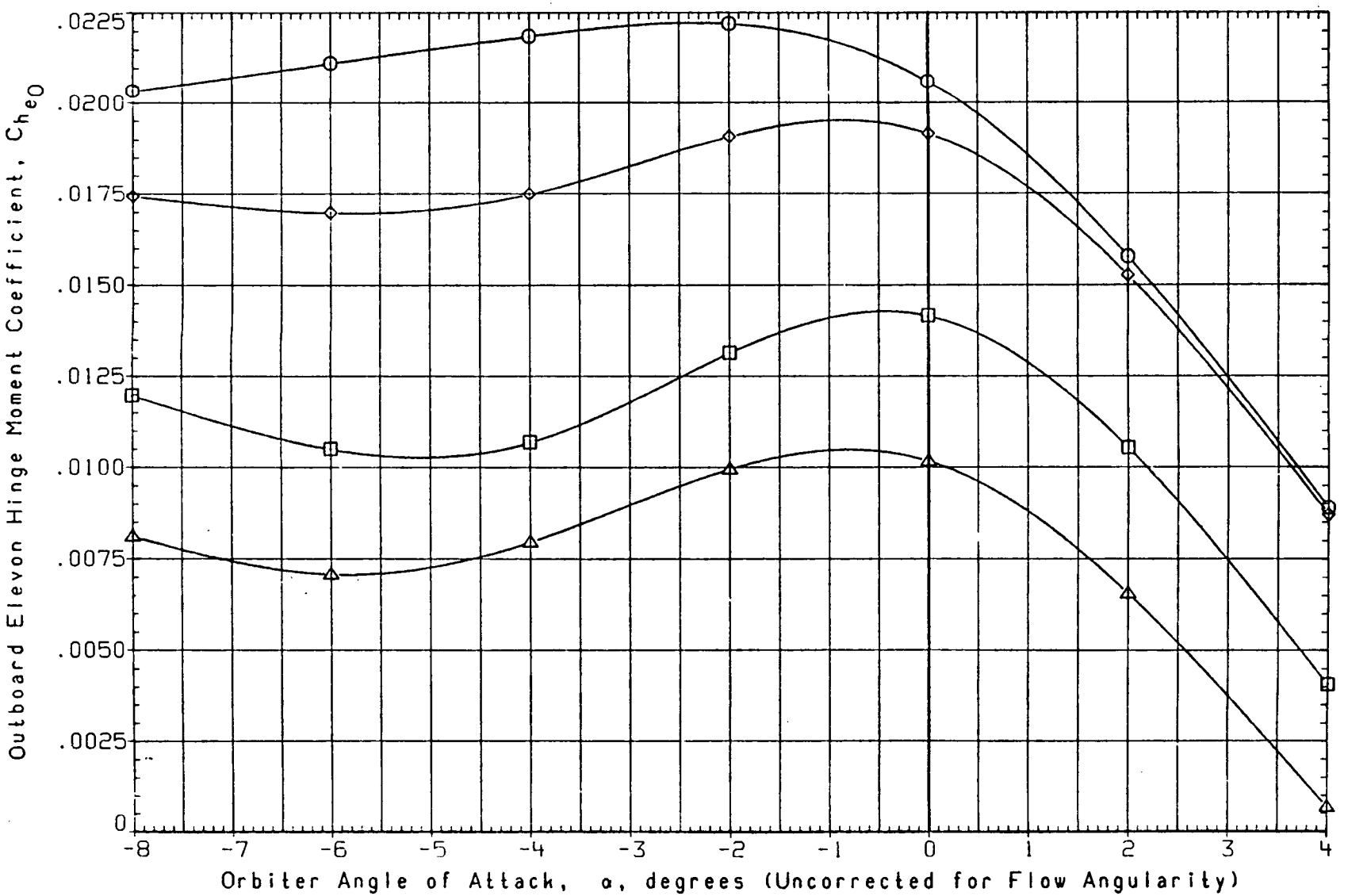


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

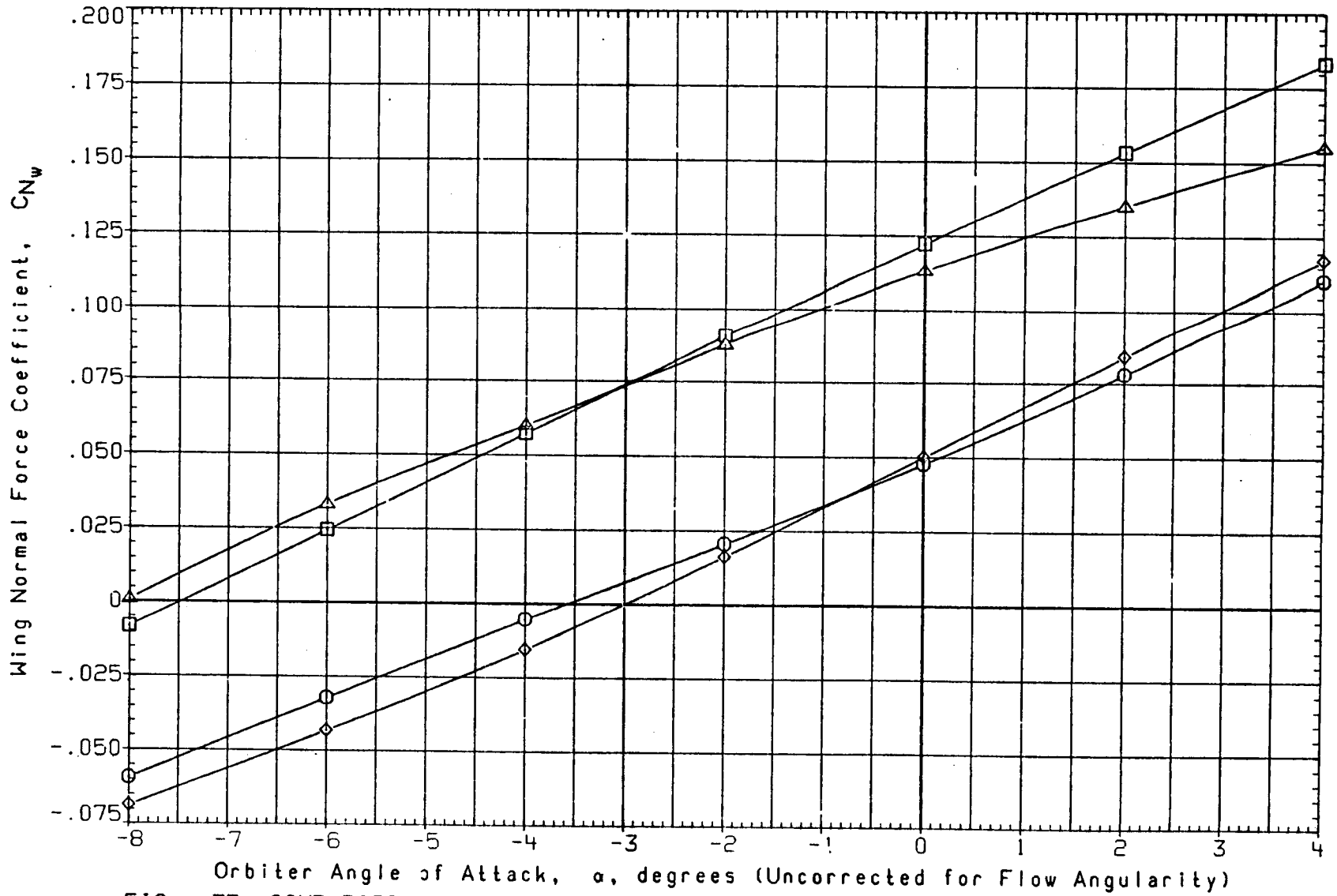


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
08PW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

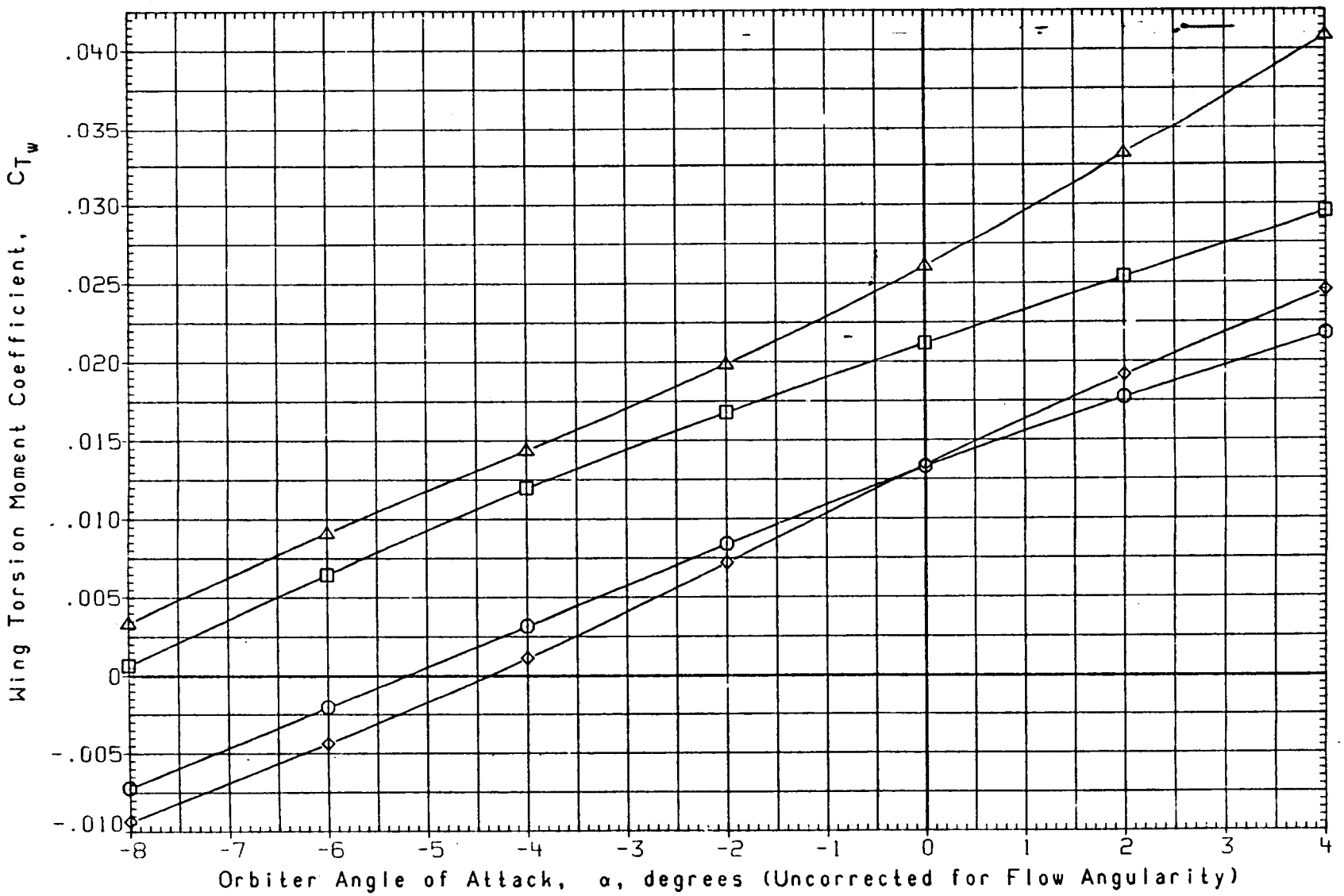


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

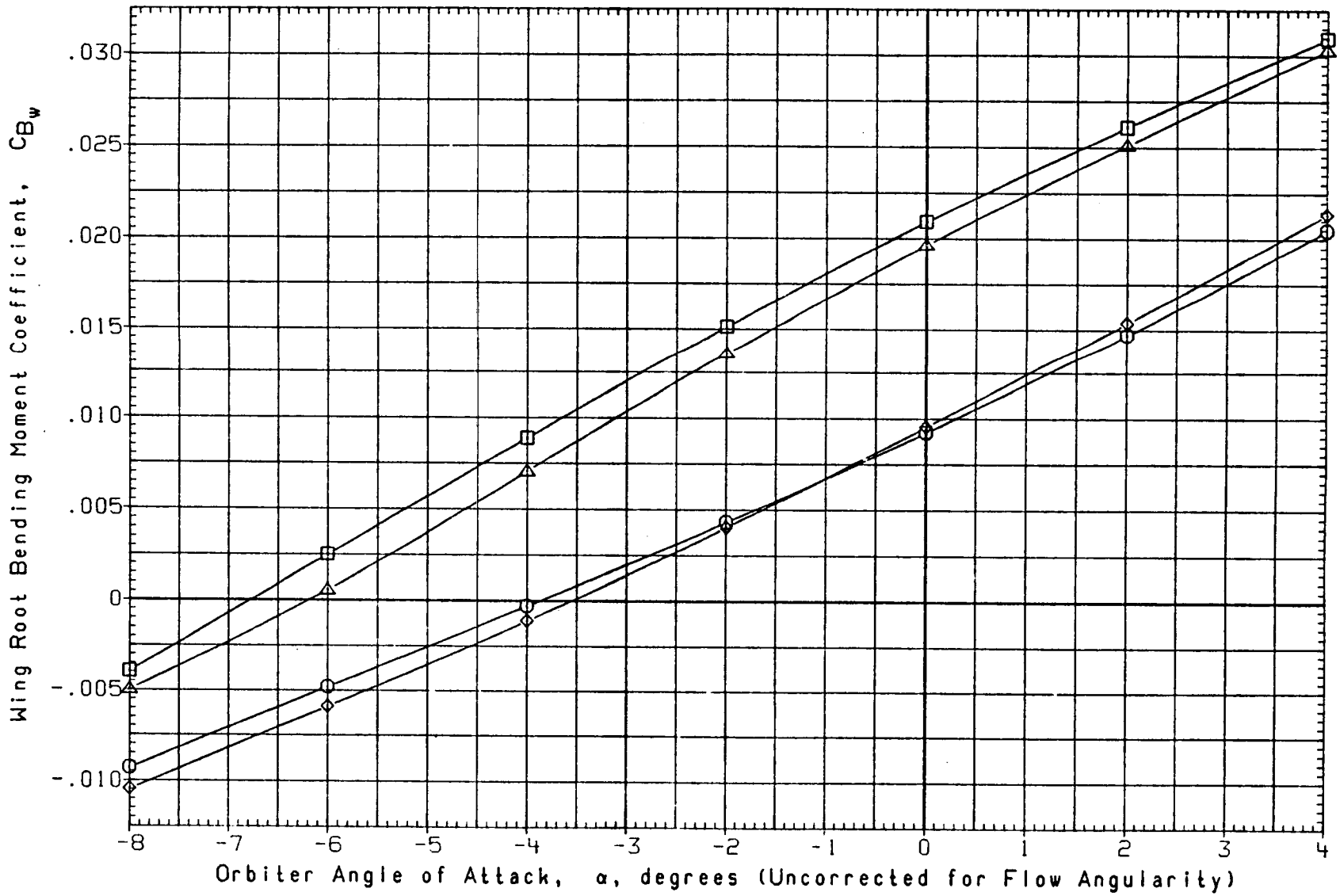


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

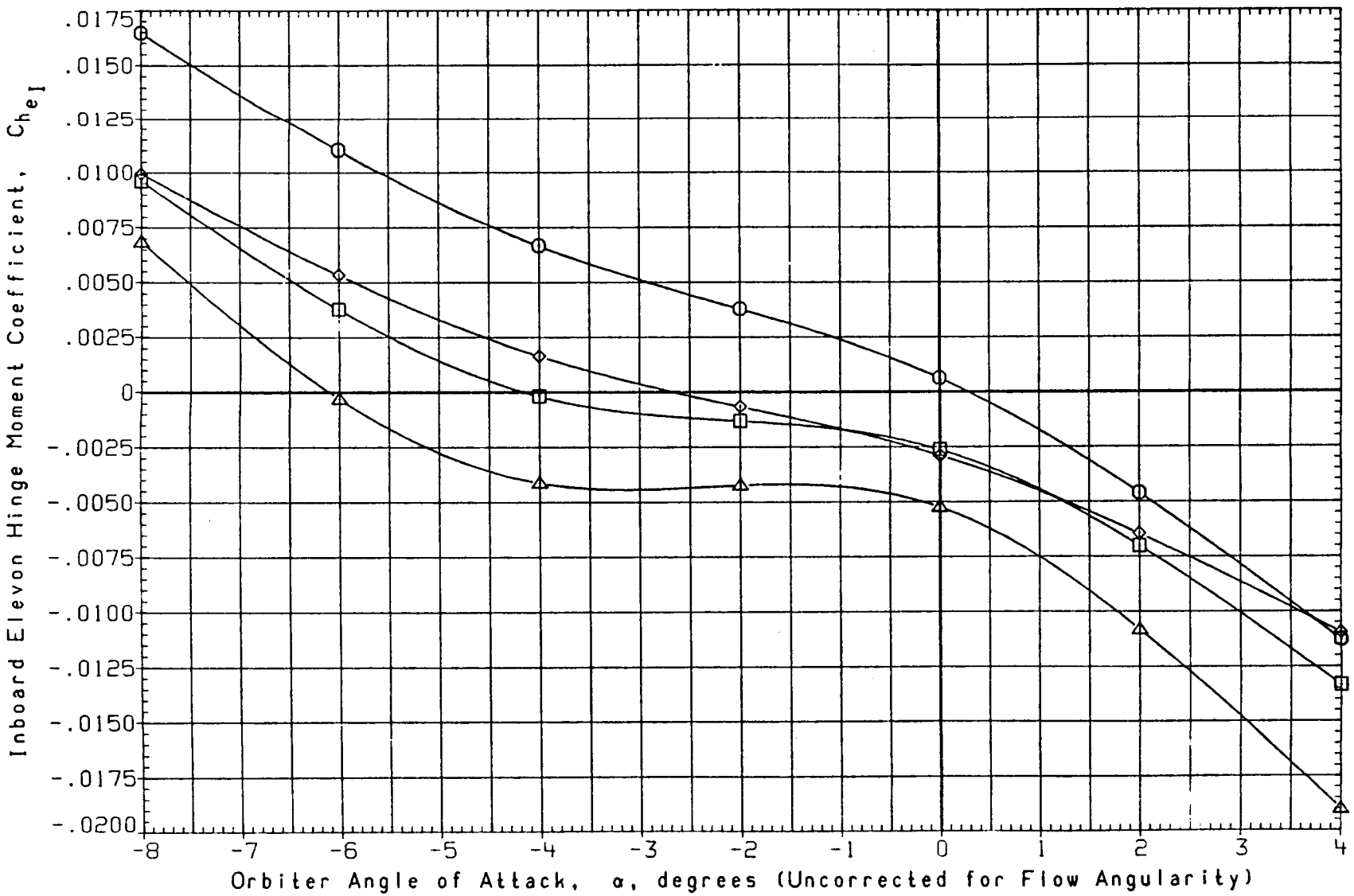


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

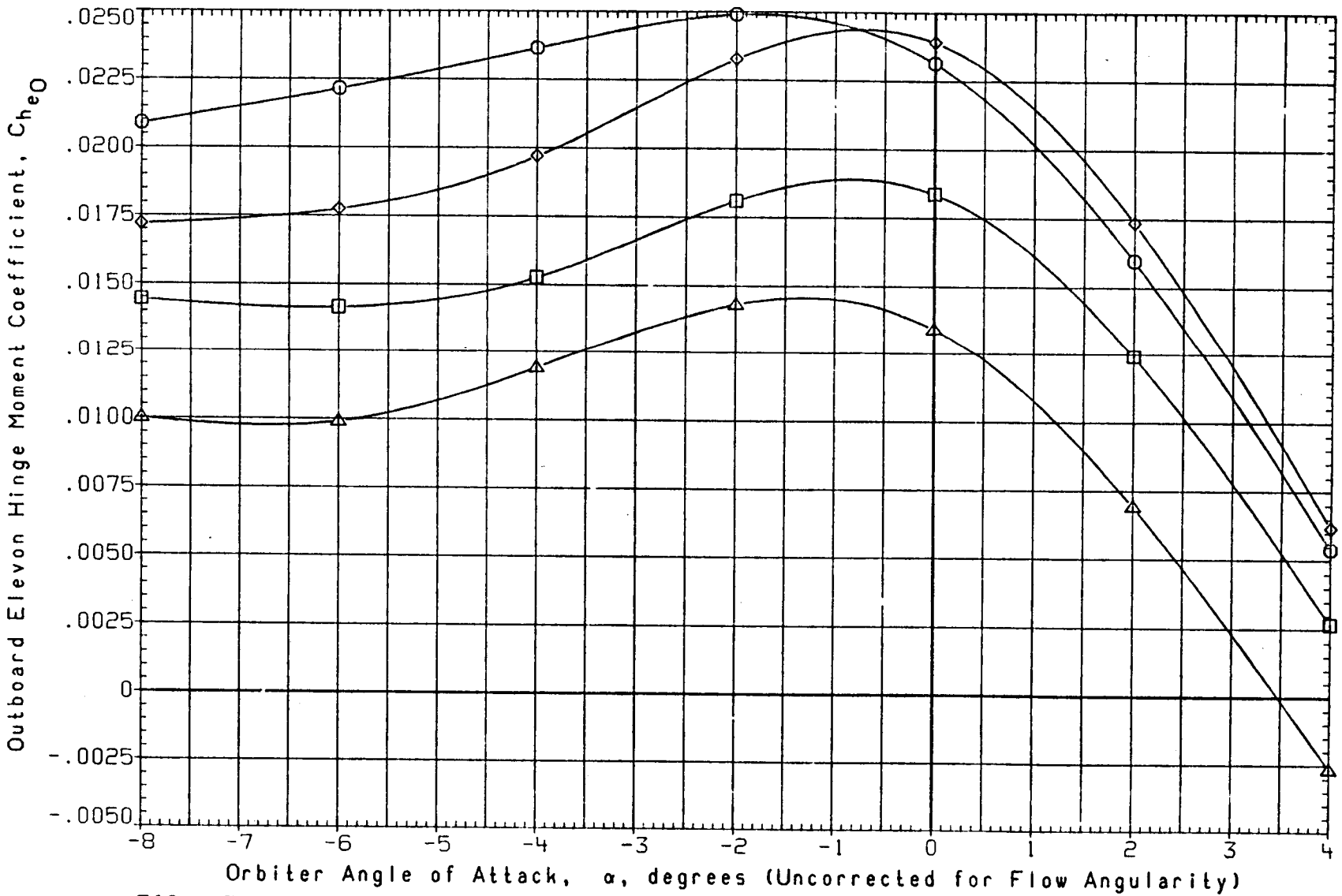


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

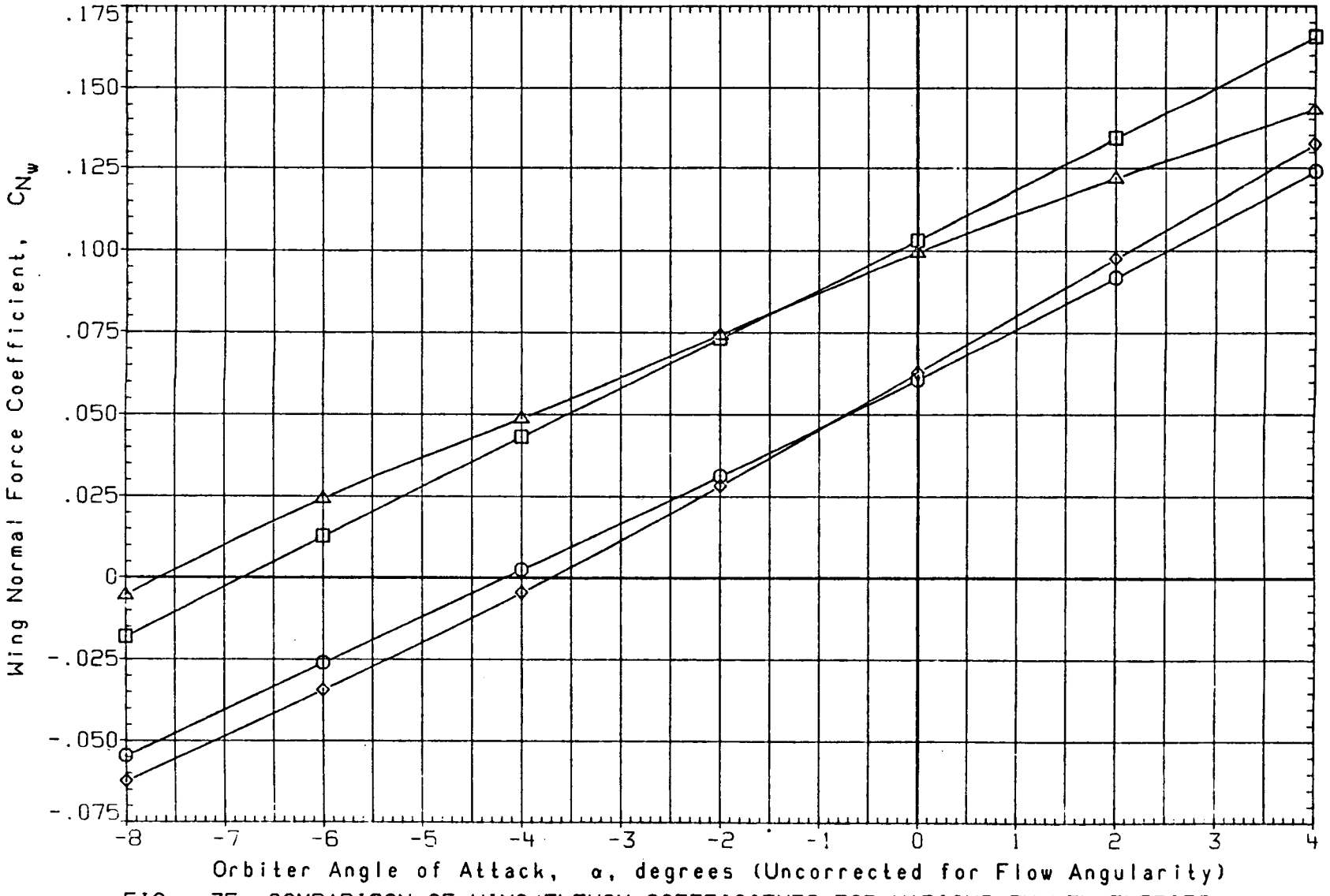


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

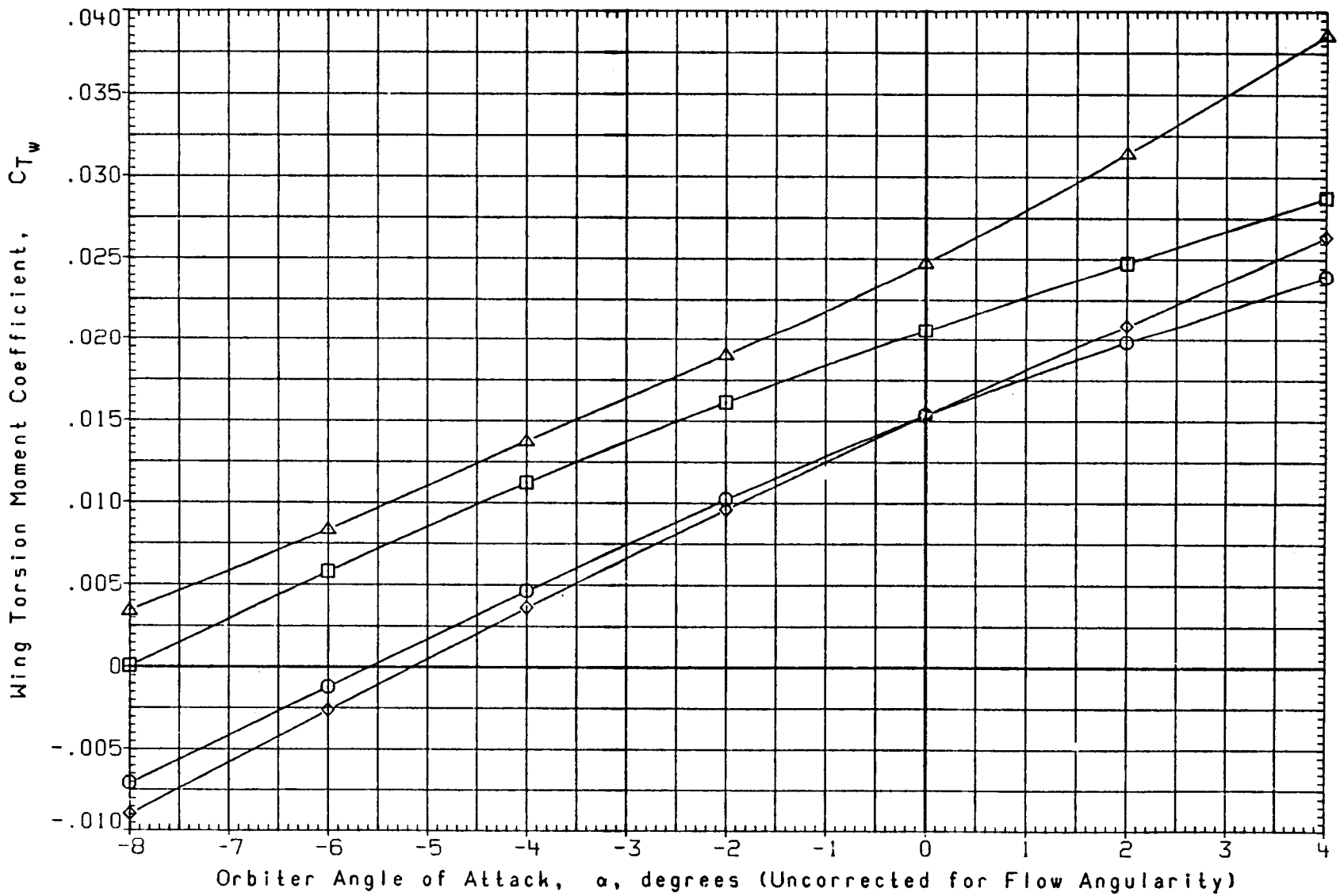


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

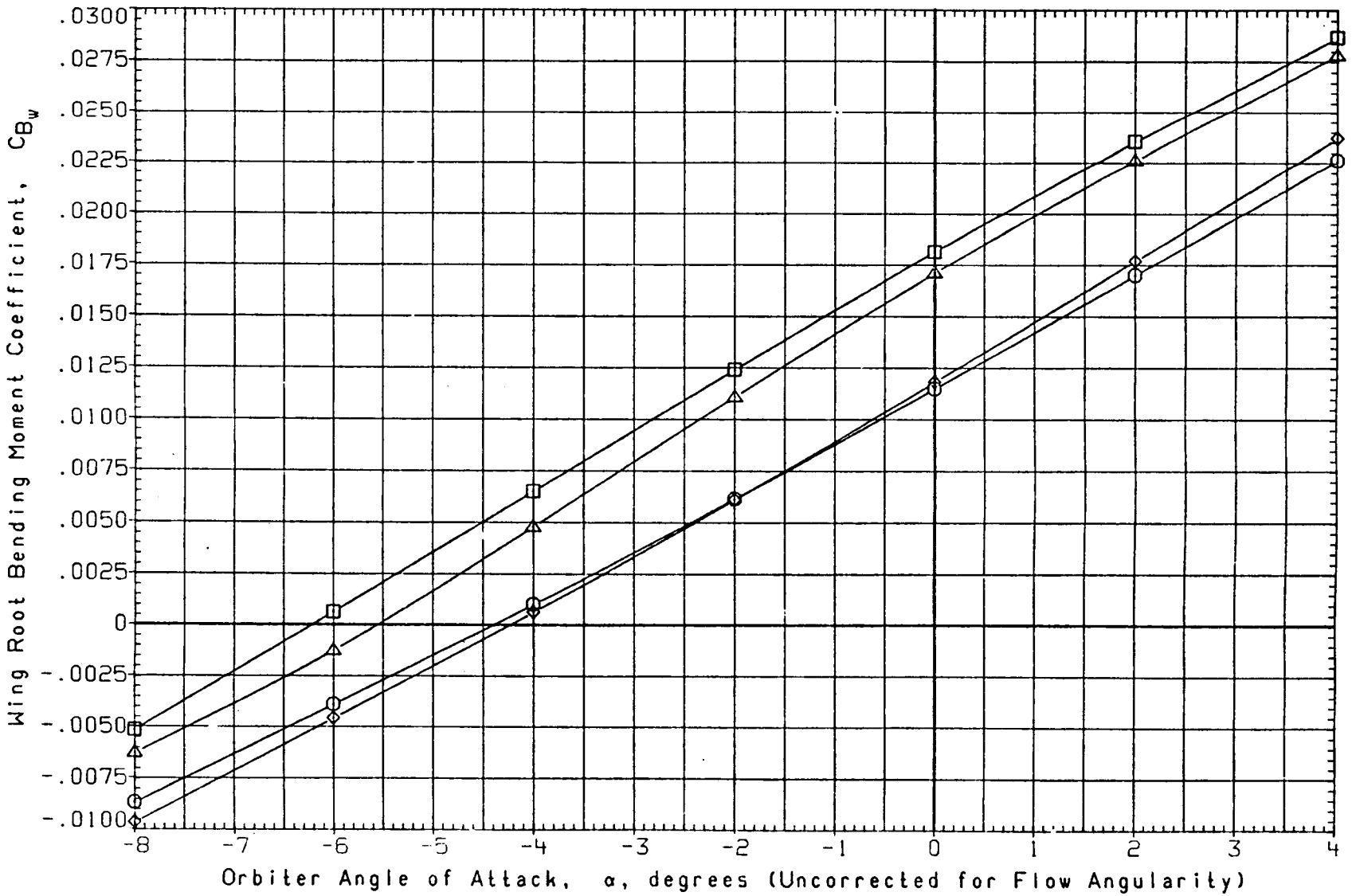


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

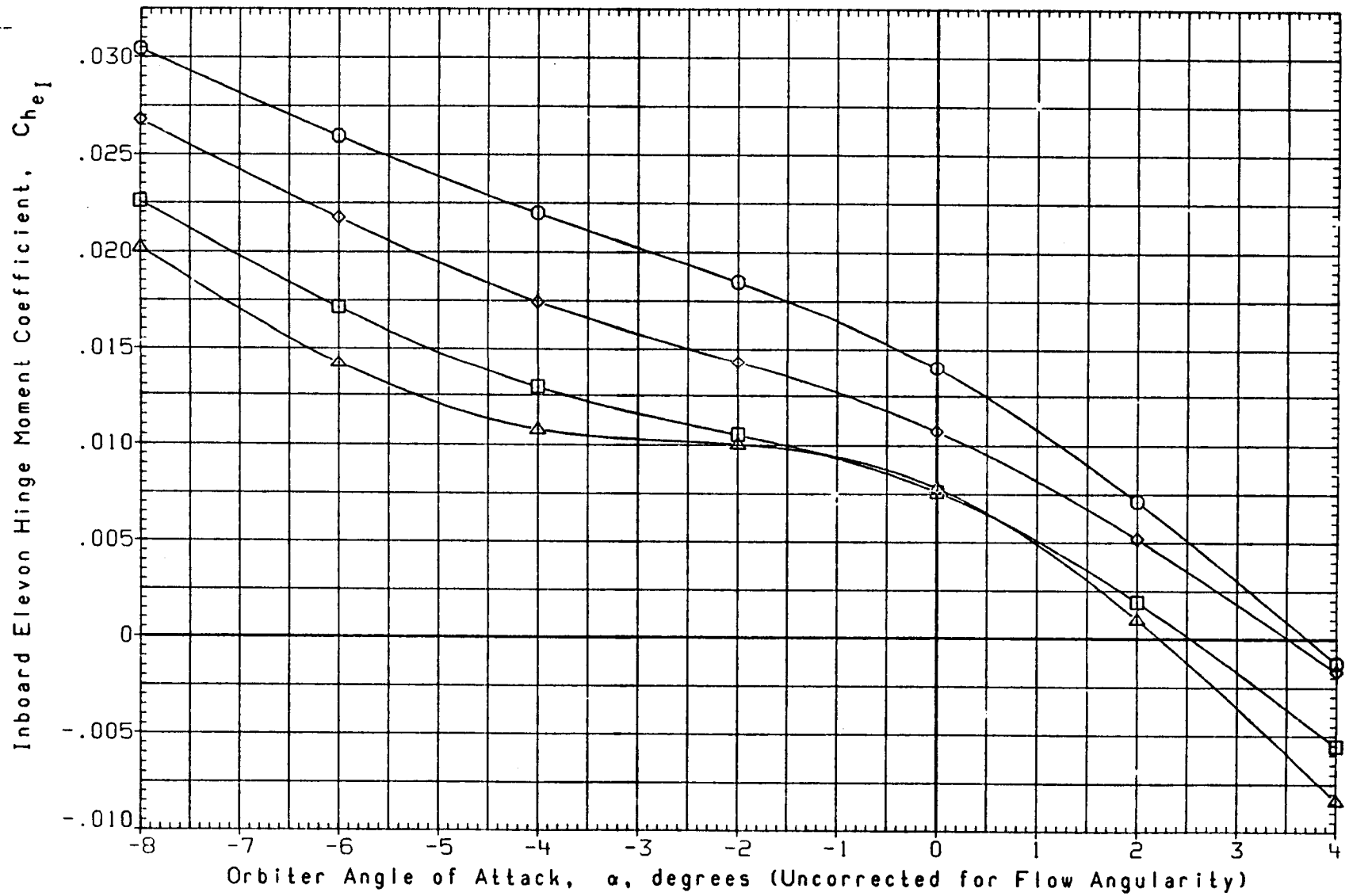


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
08PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

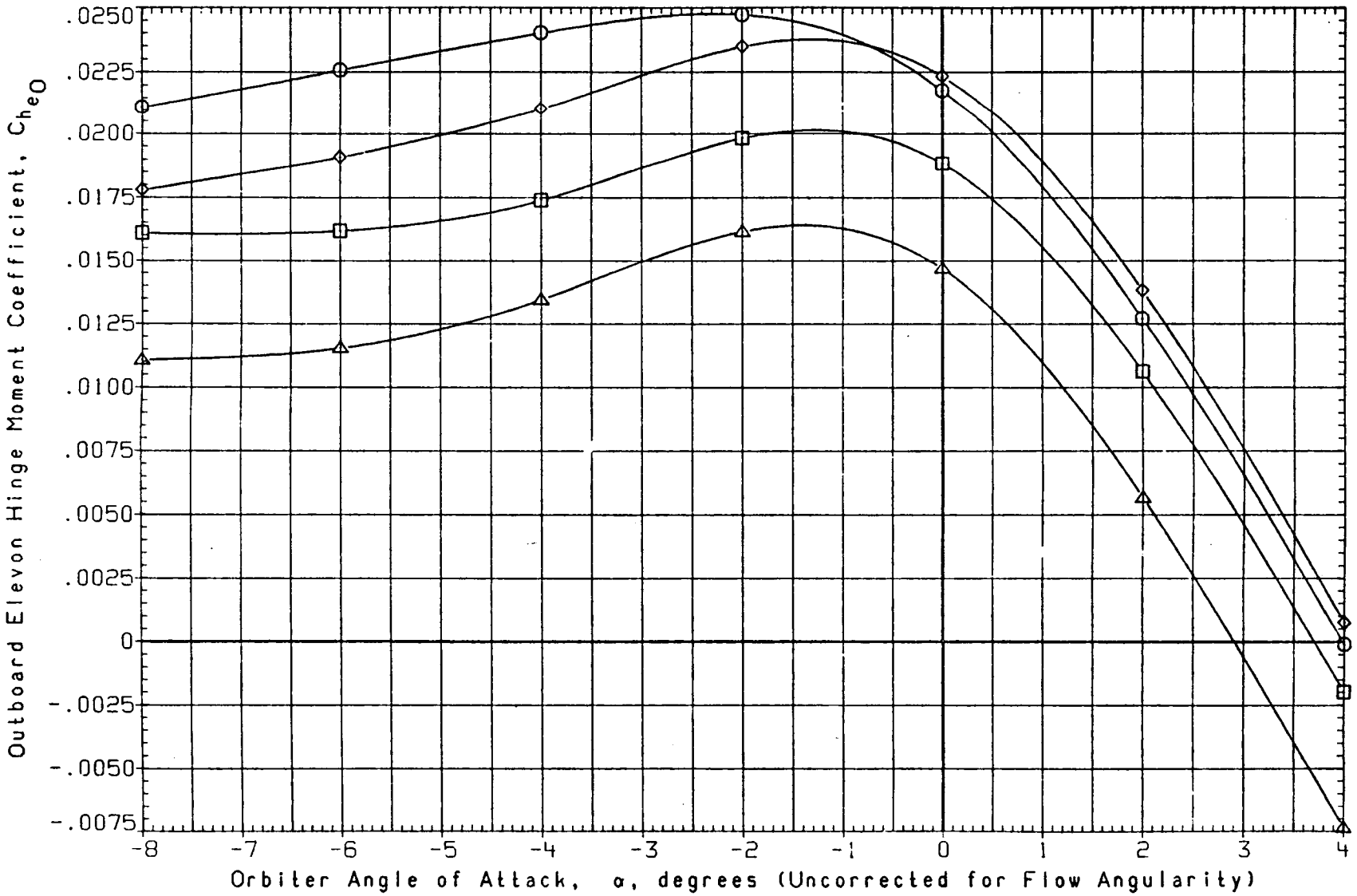


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA155A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

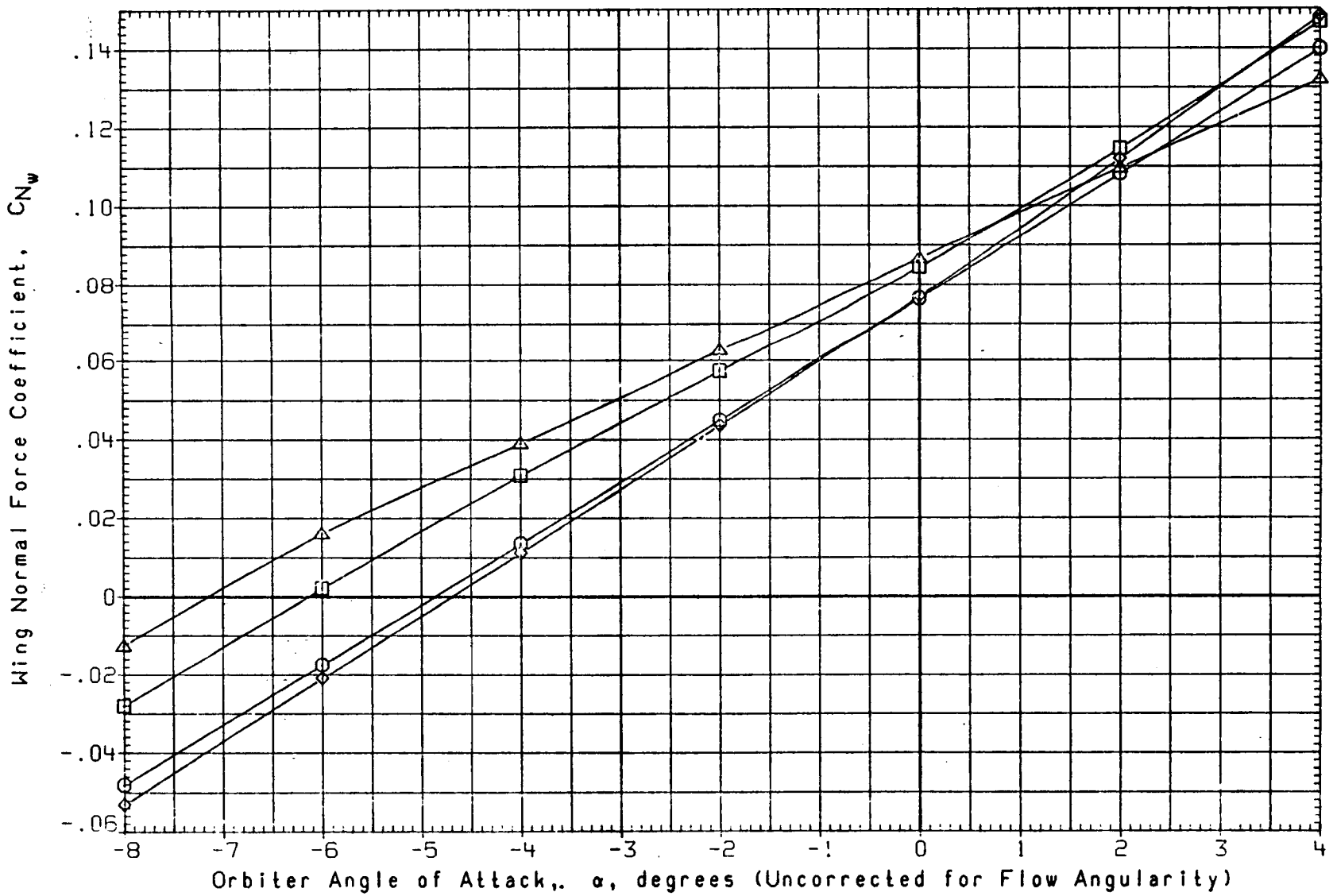


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

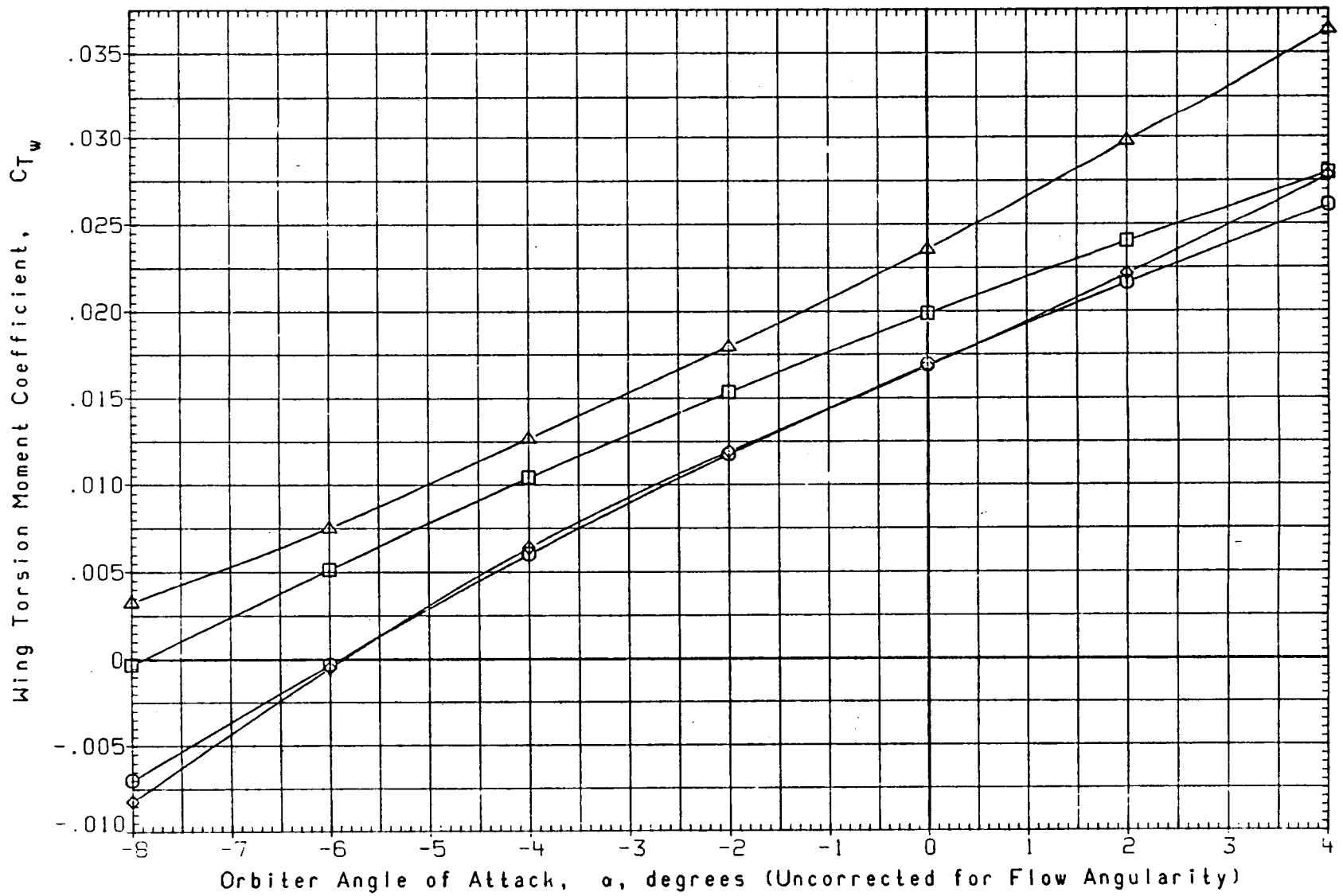


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW4C	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

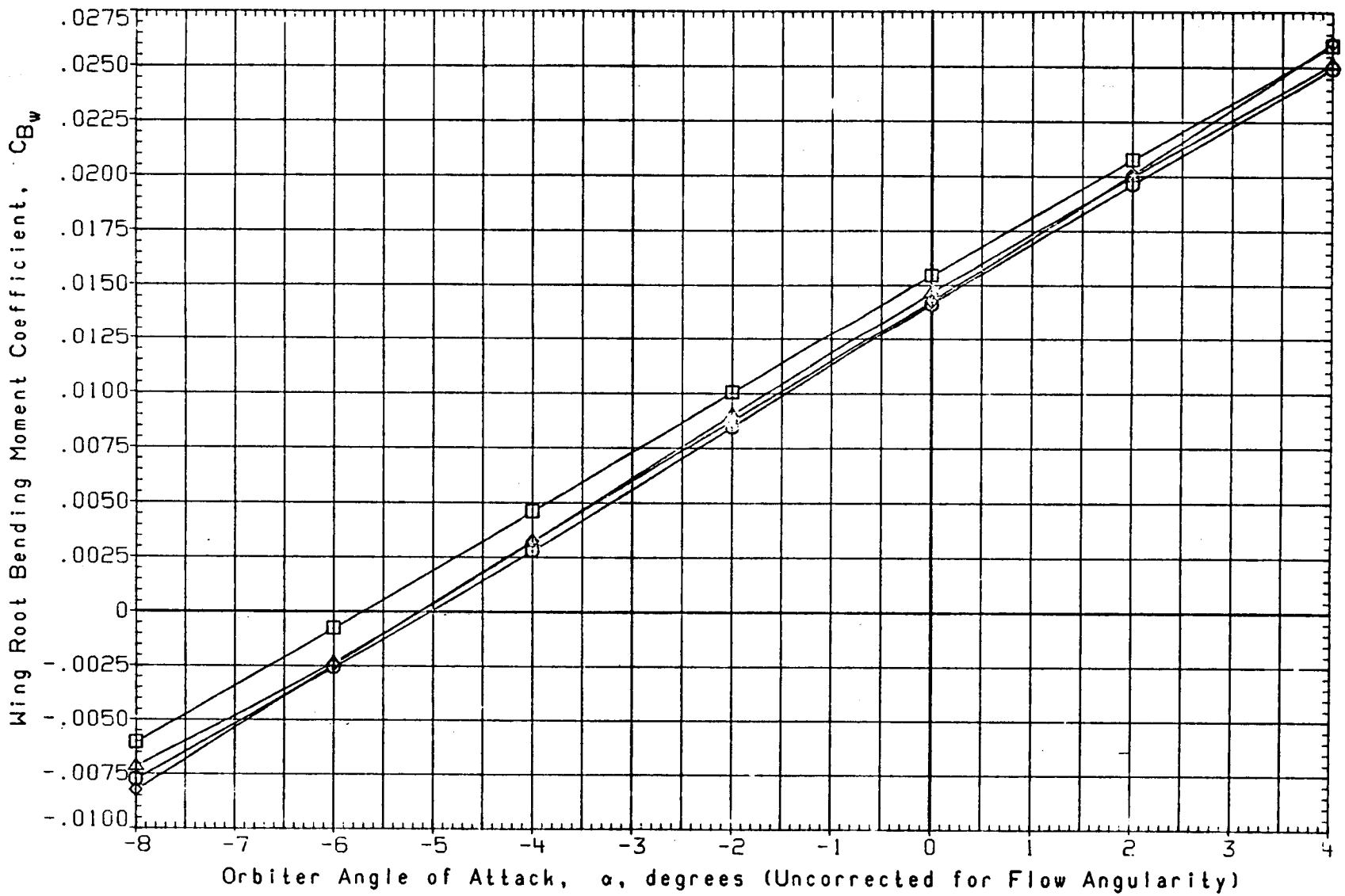


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

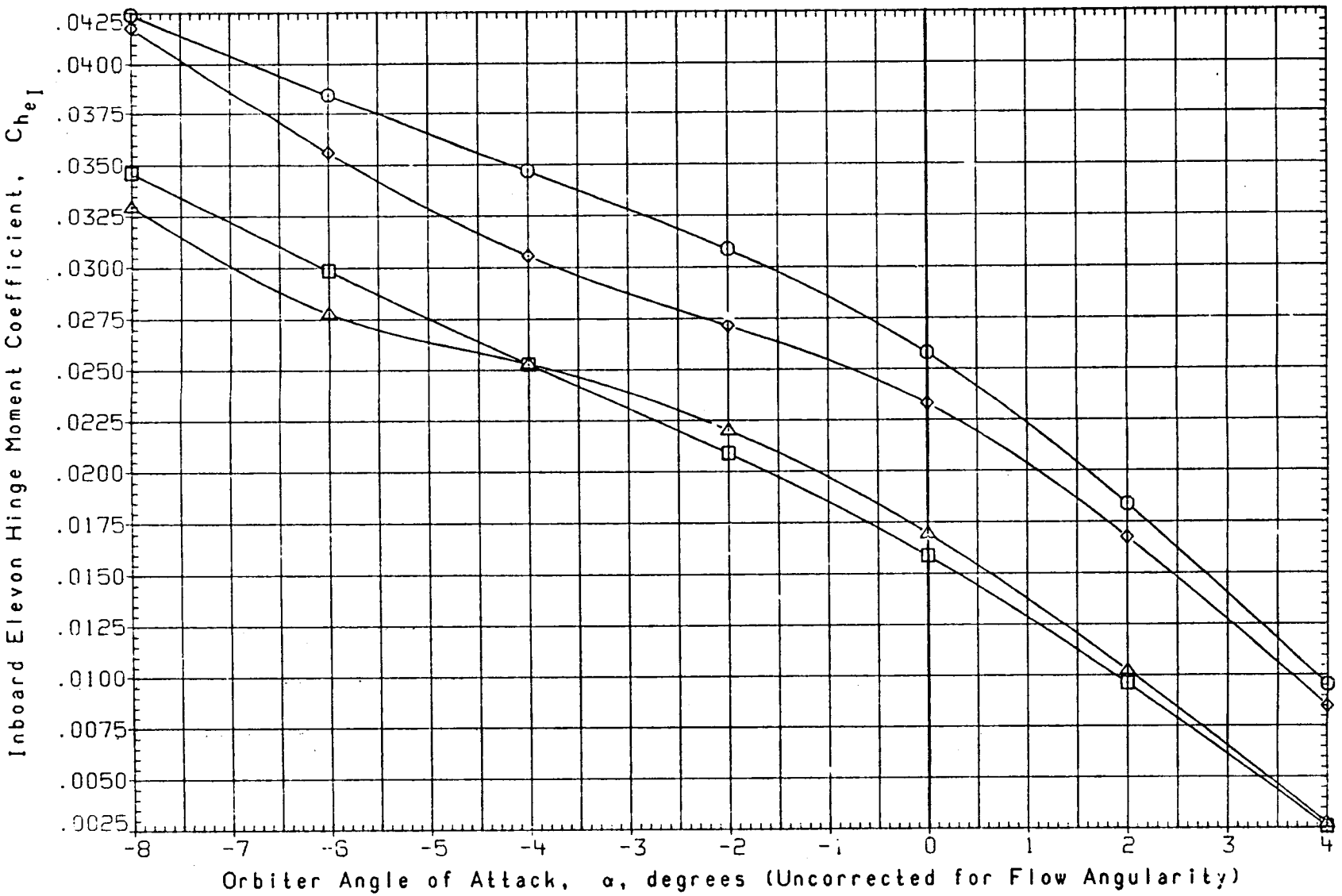


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
OBFW17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

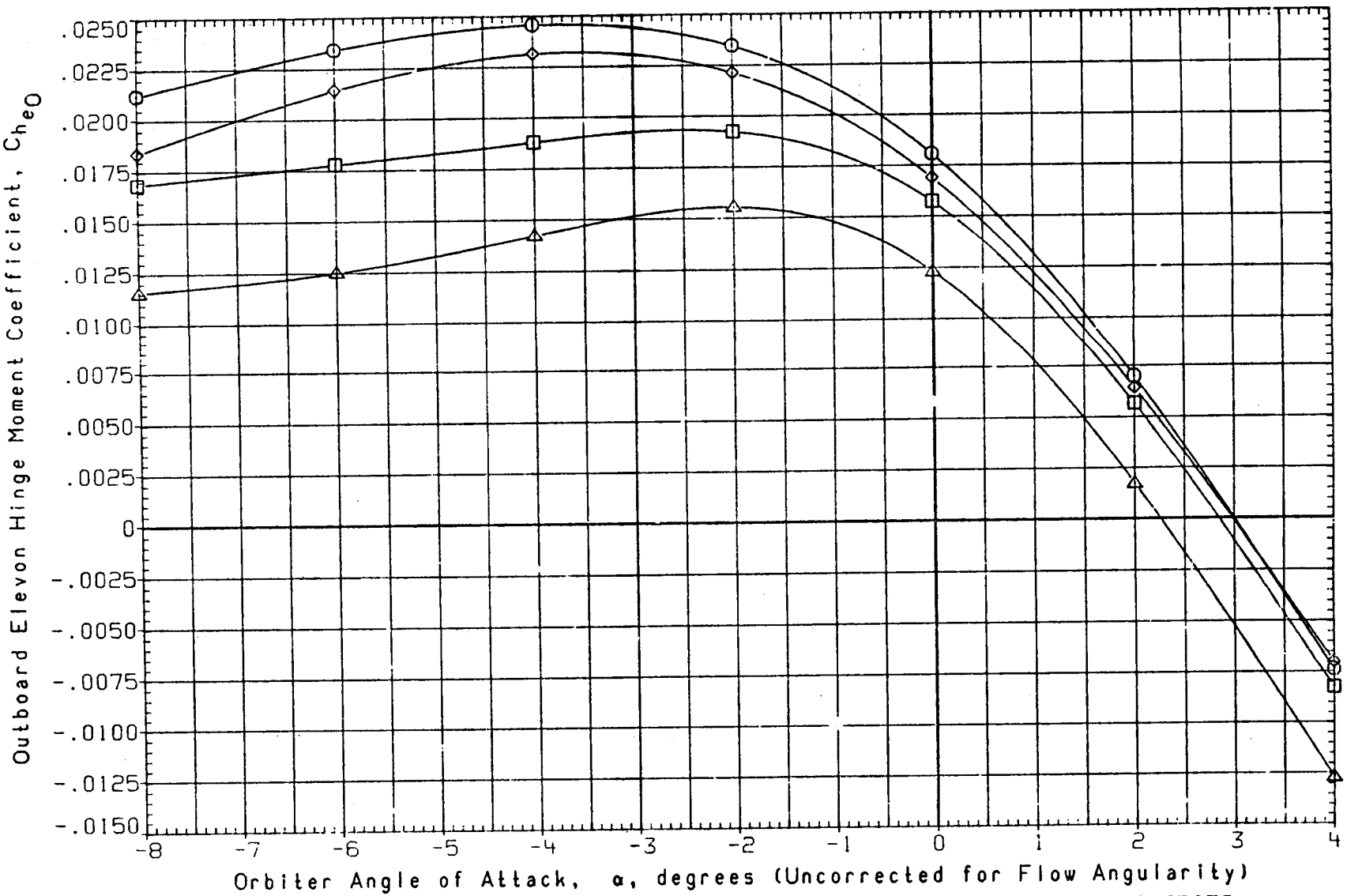


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8DW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

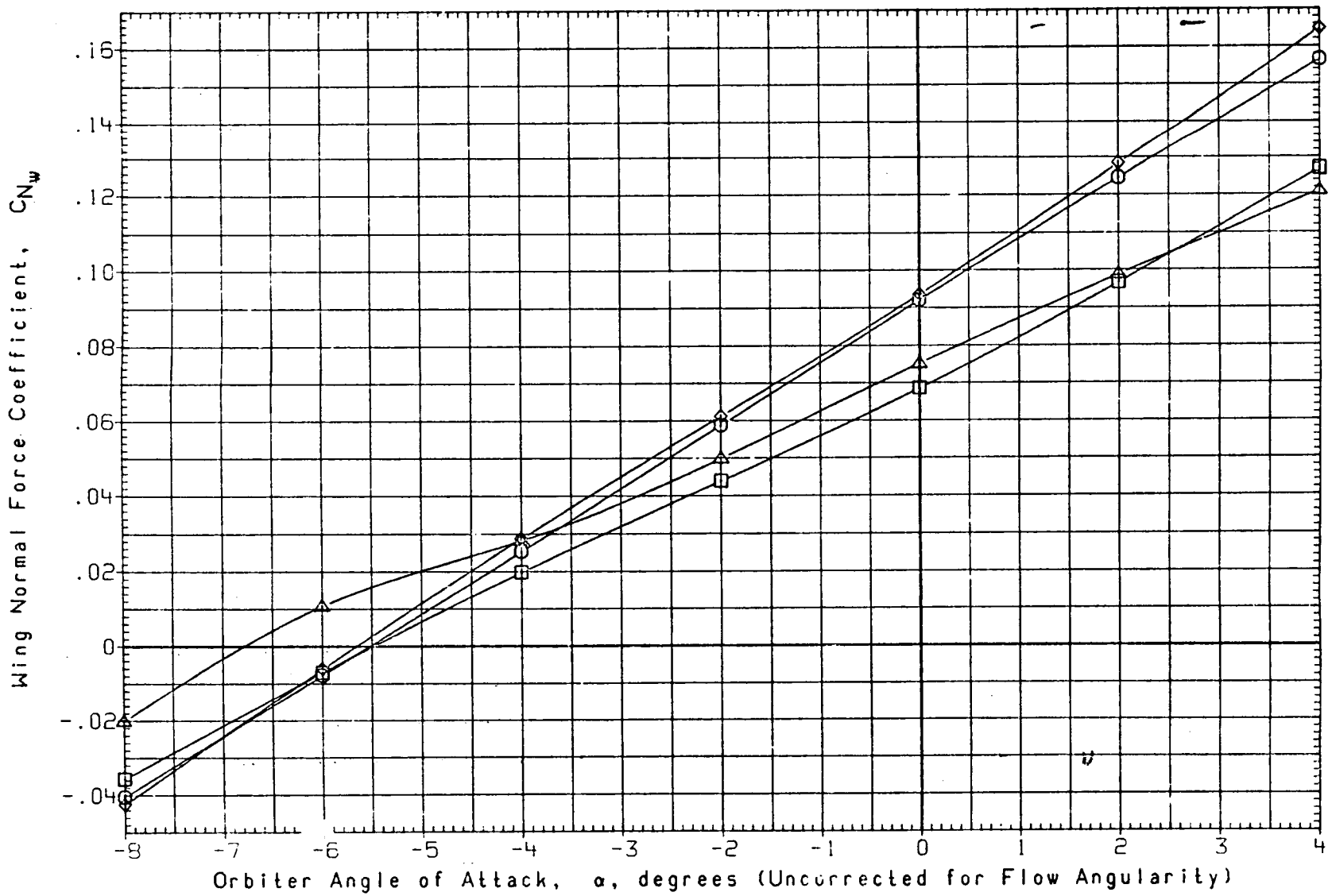


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

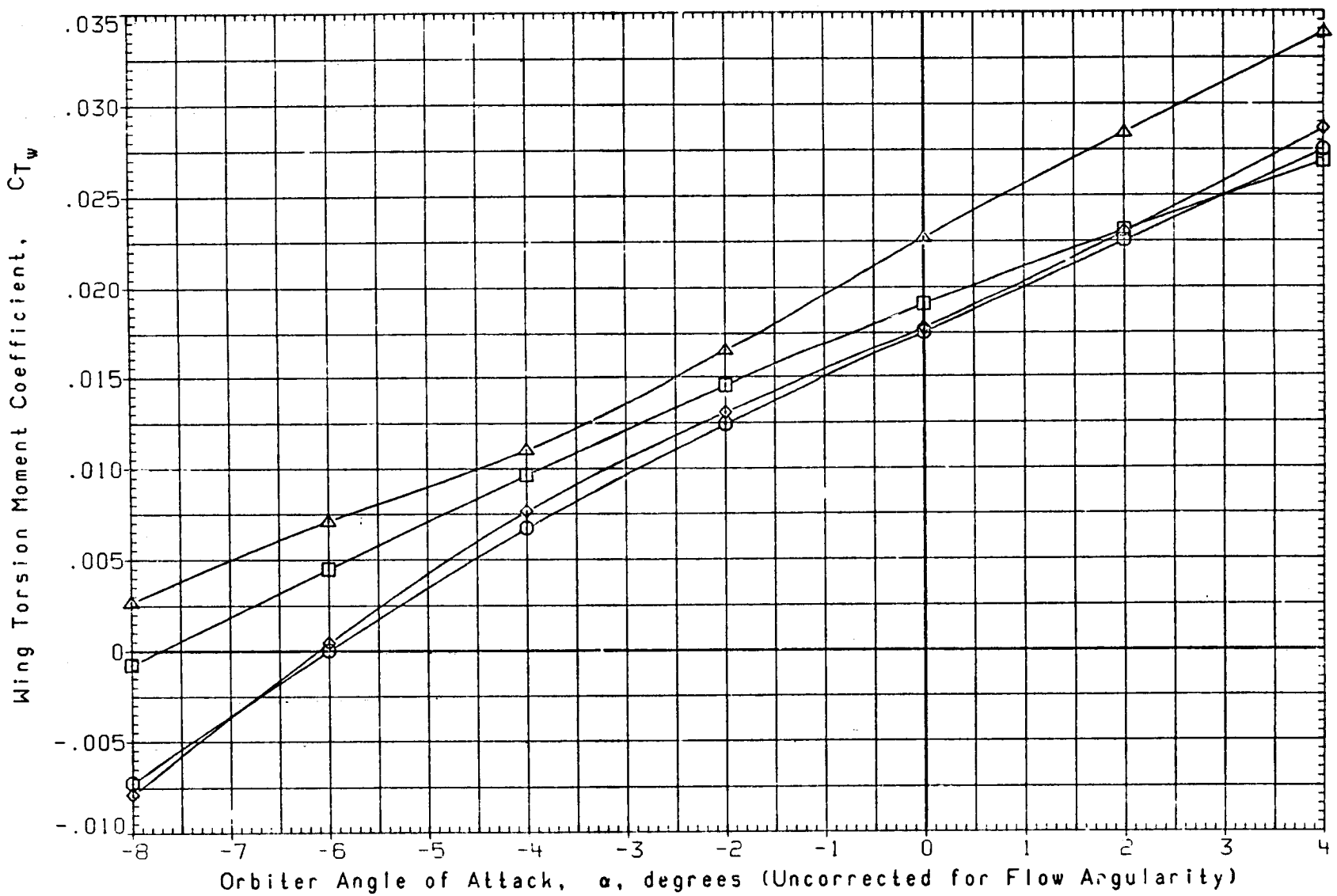


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA195A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

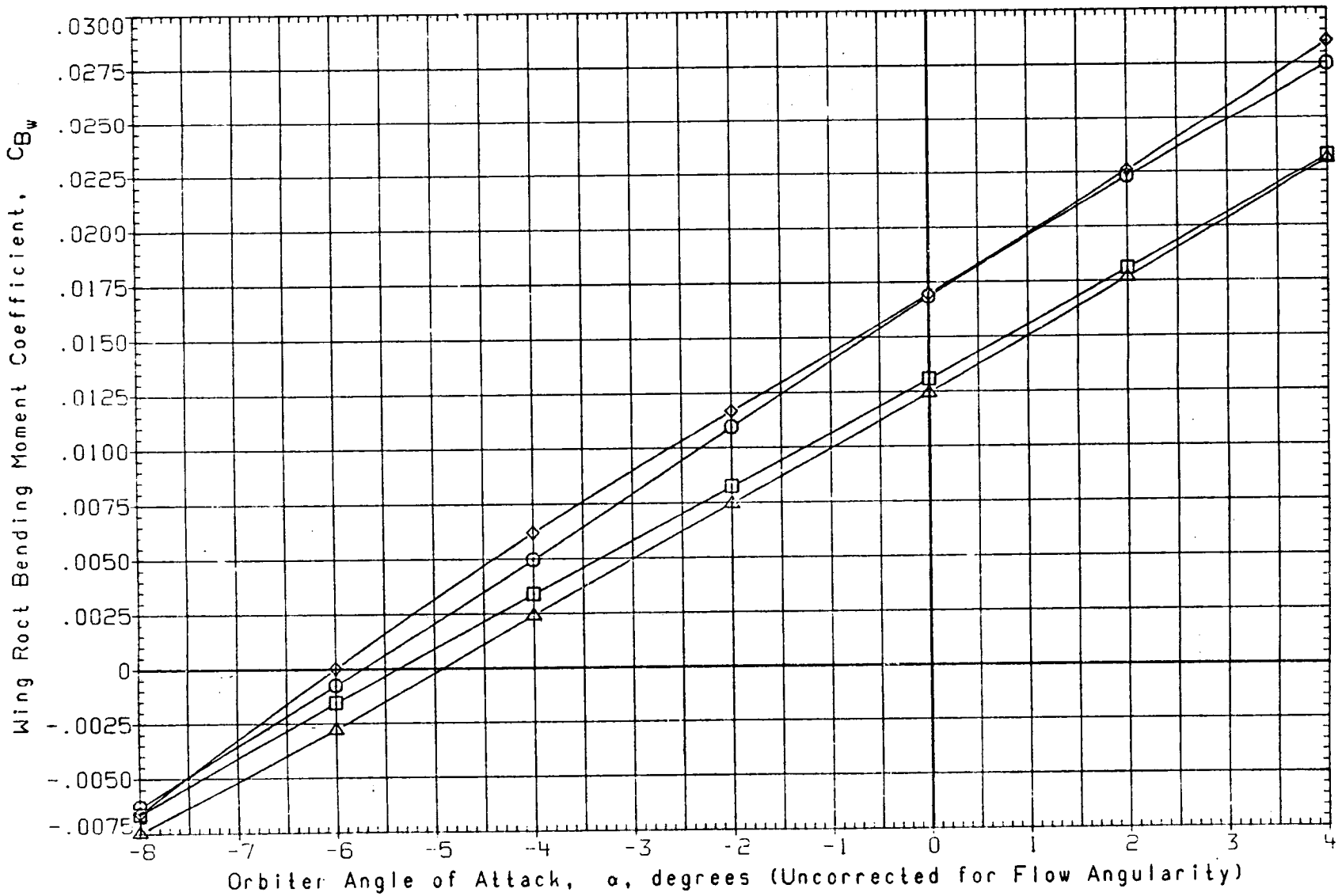


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

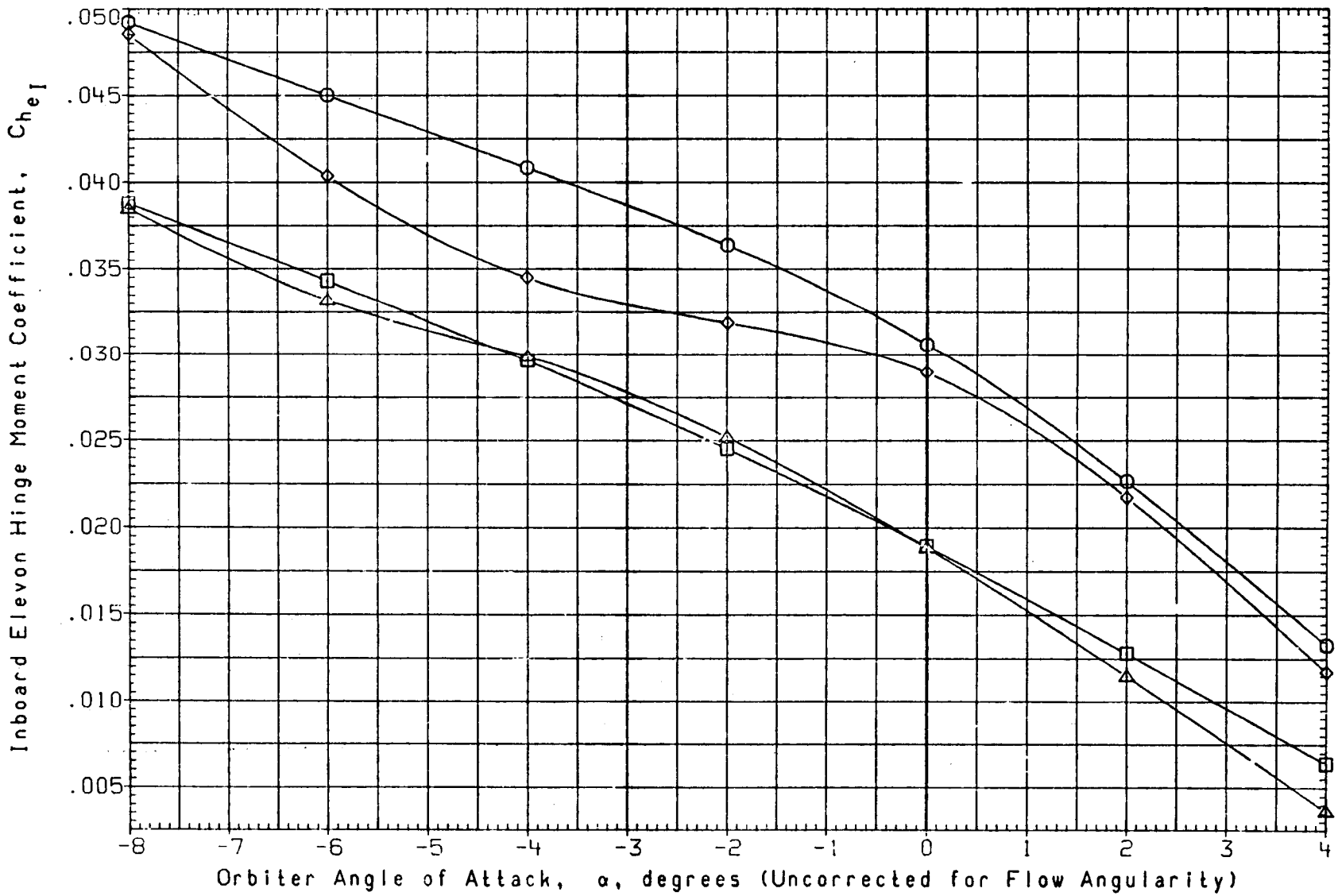


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PW17	□	IA183 ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U9MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8[illegible]47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

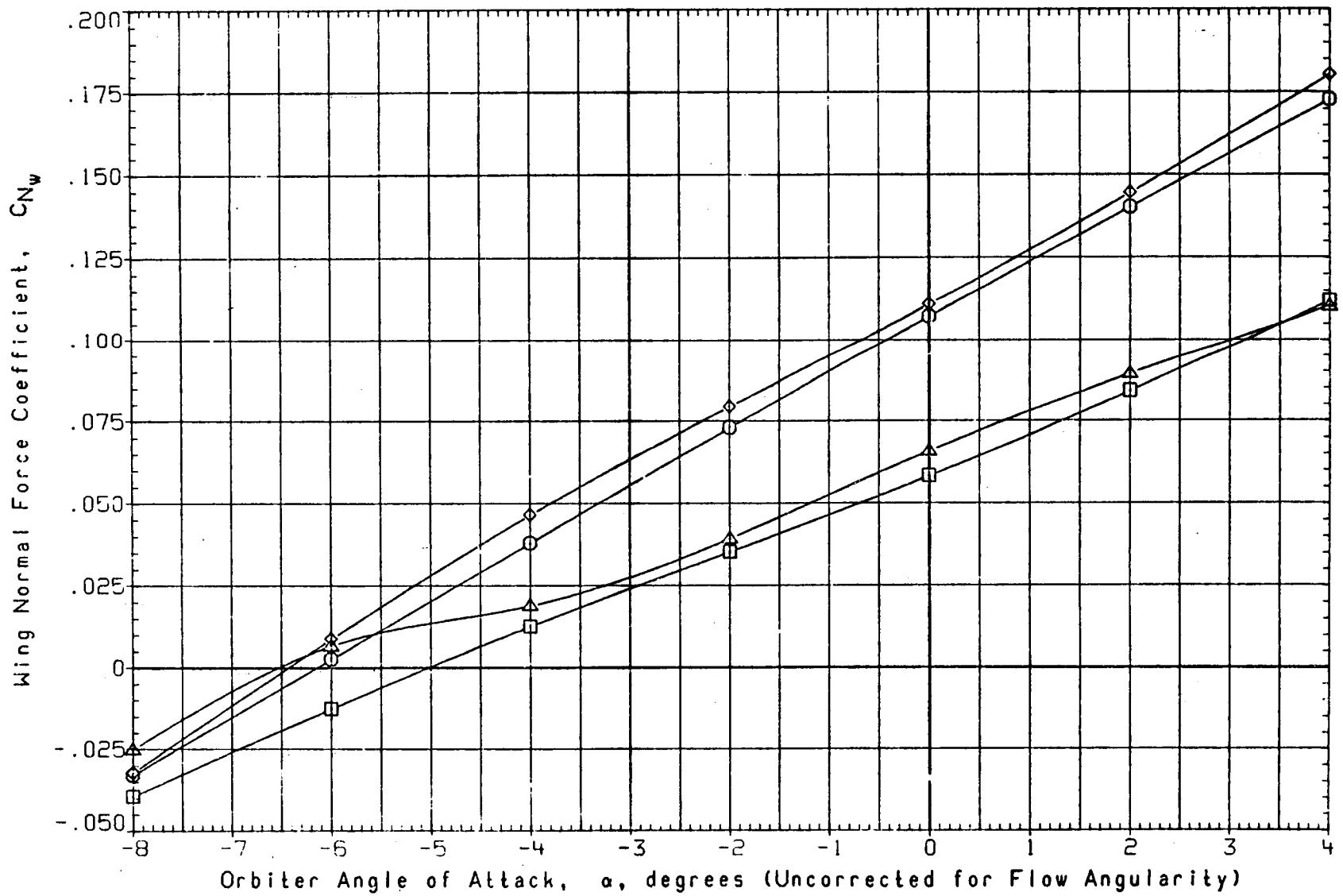


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

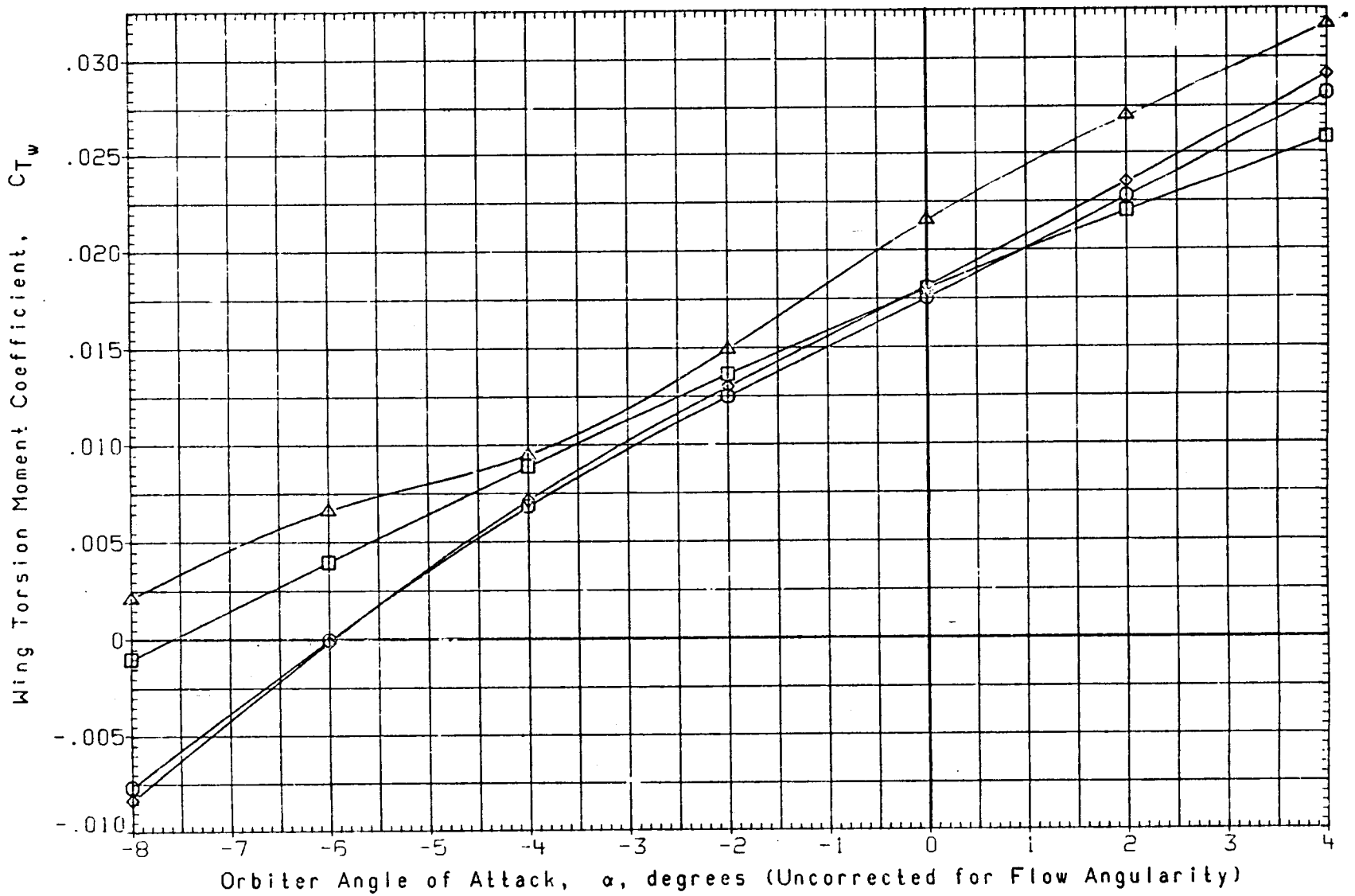


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

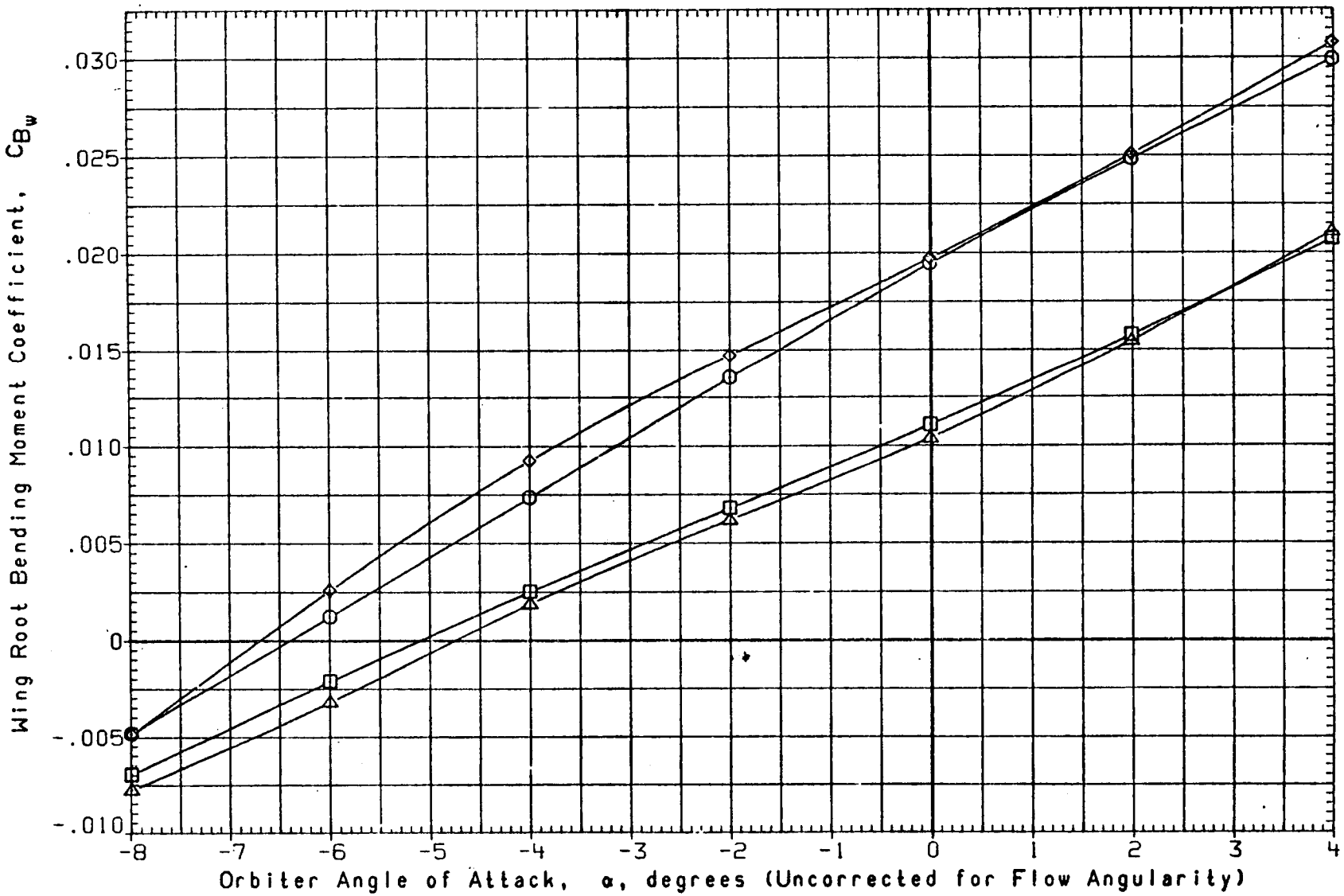


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8NW40	◇	IA156A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

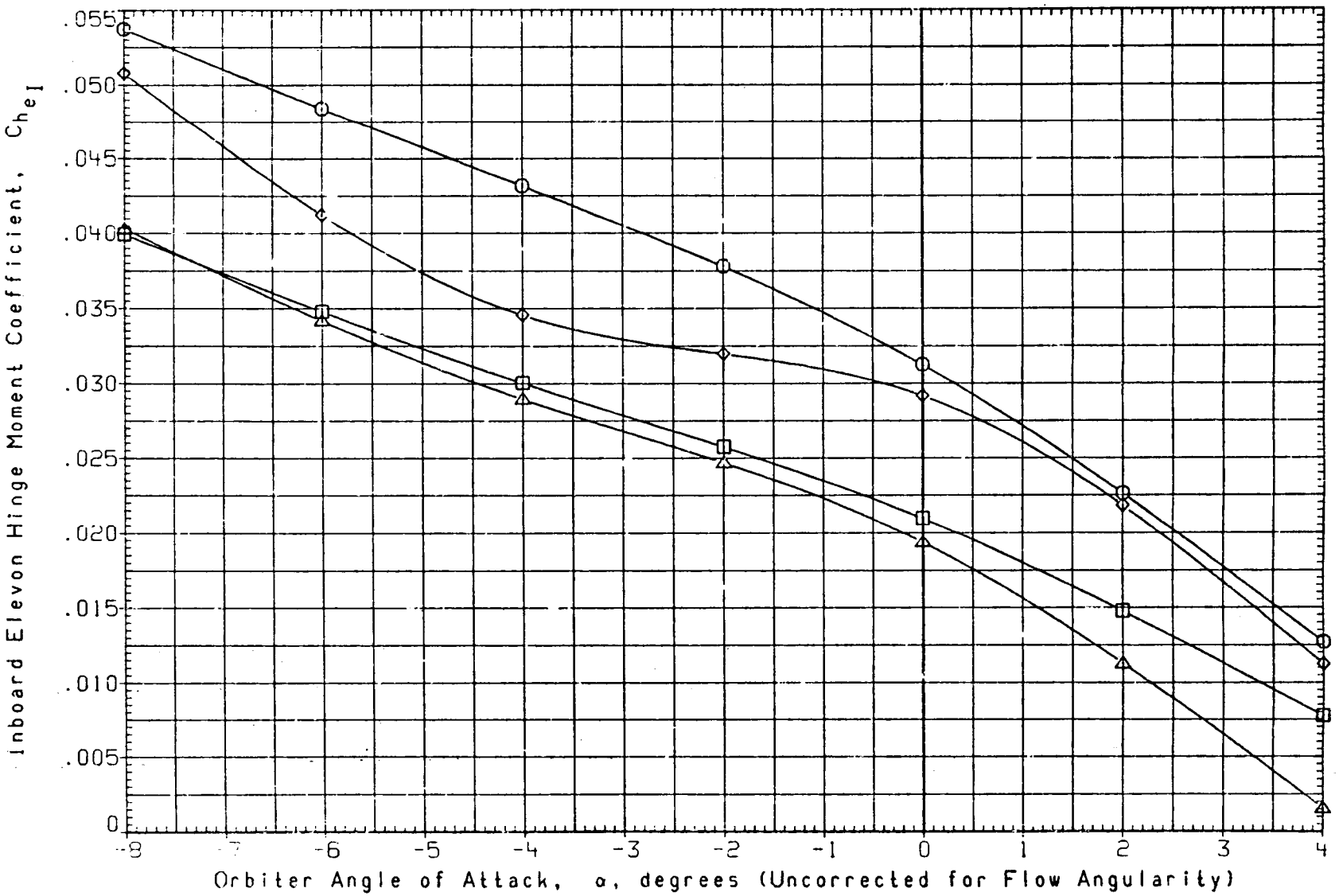


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U9NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

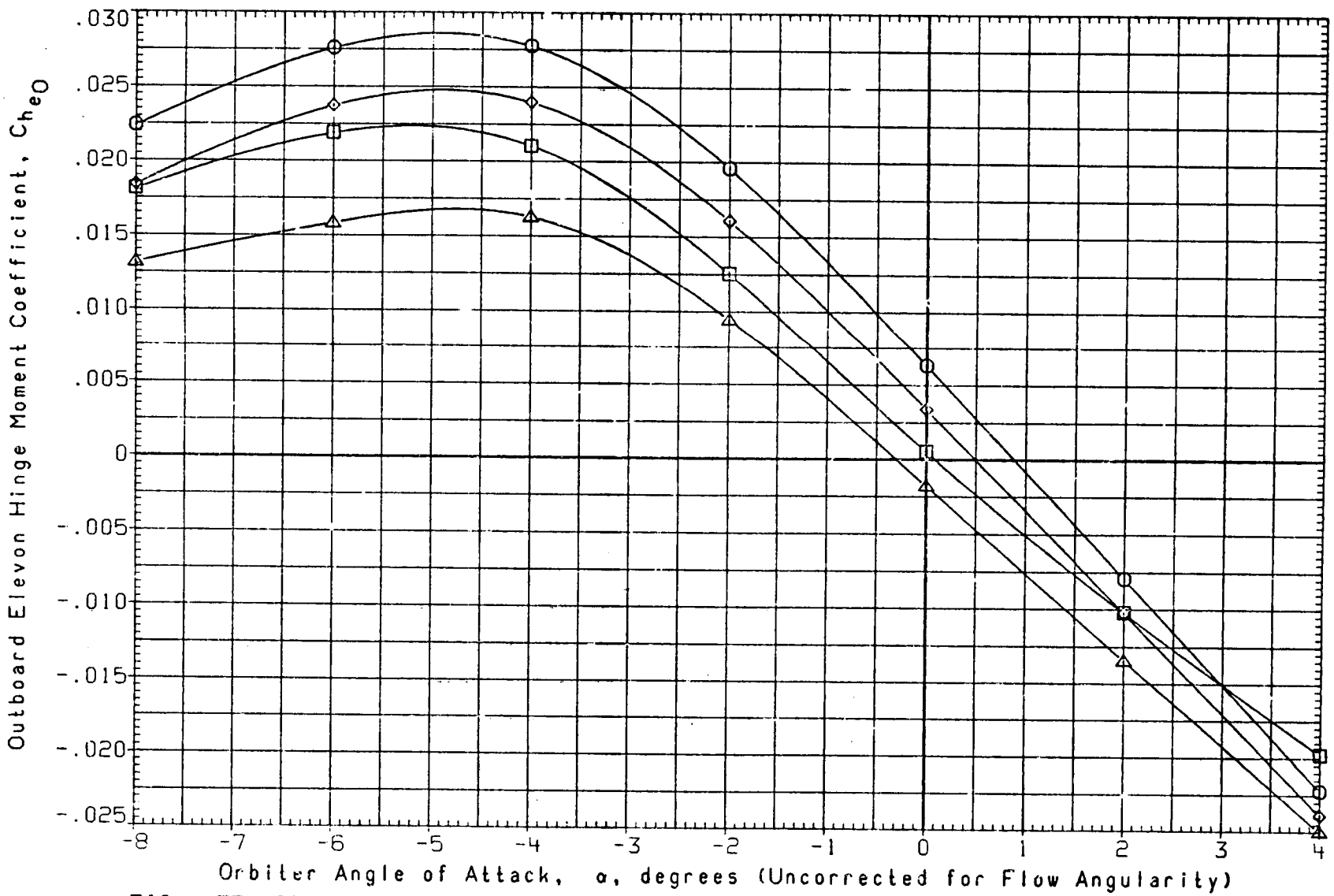


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

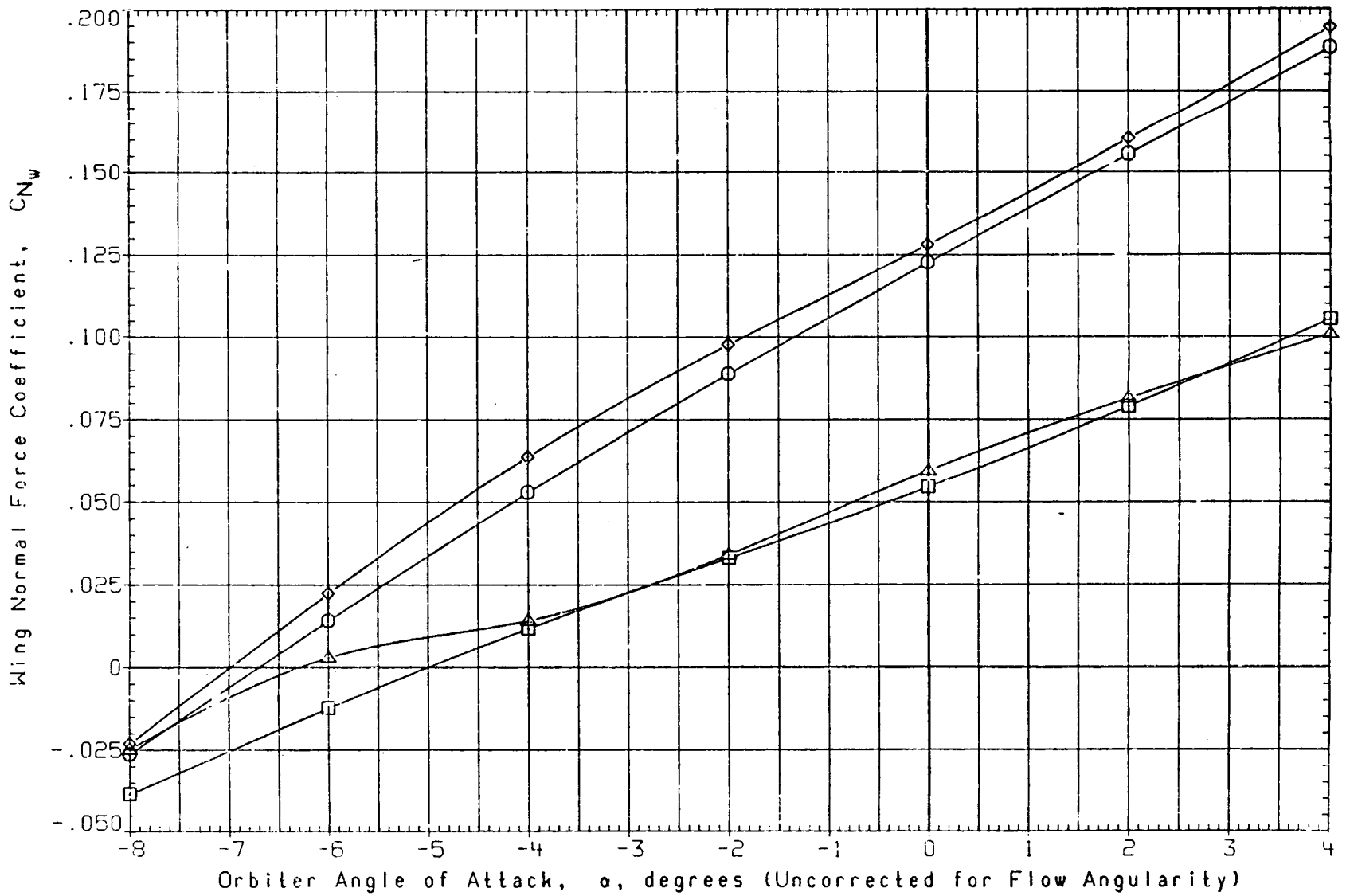


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

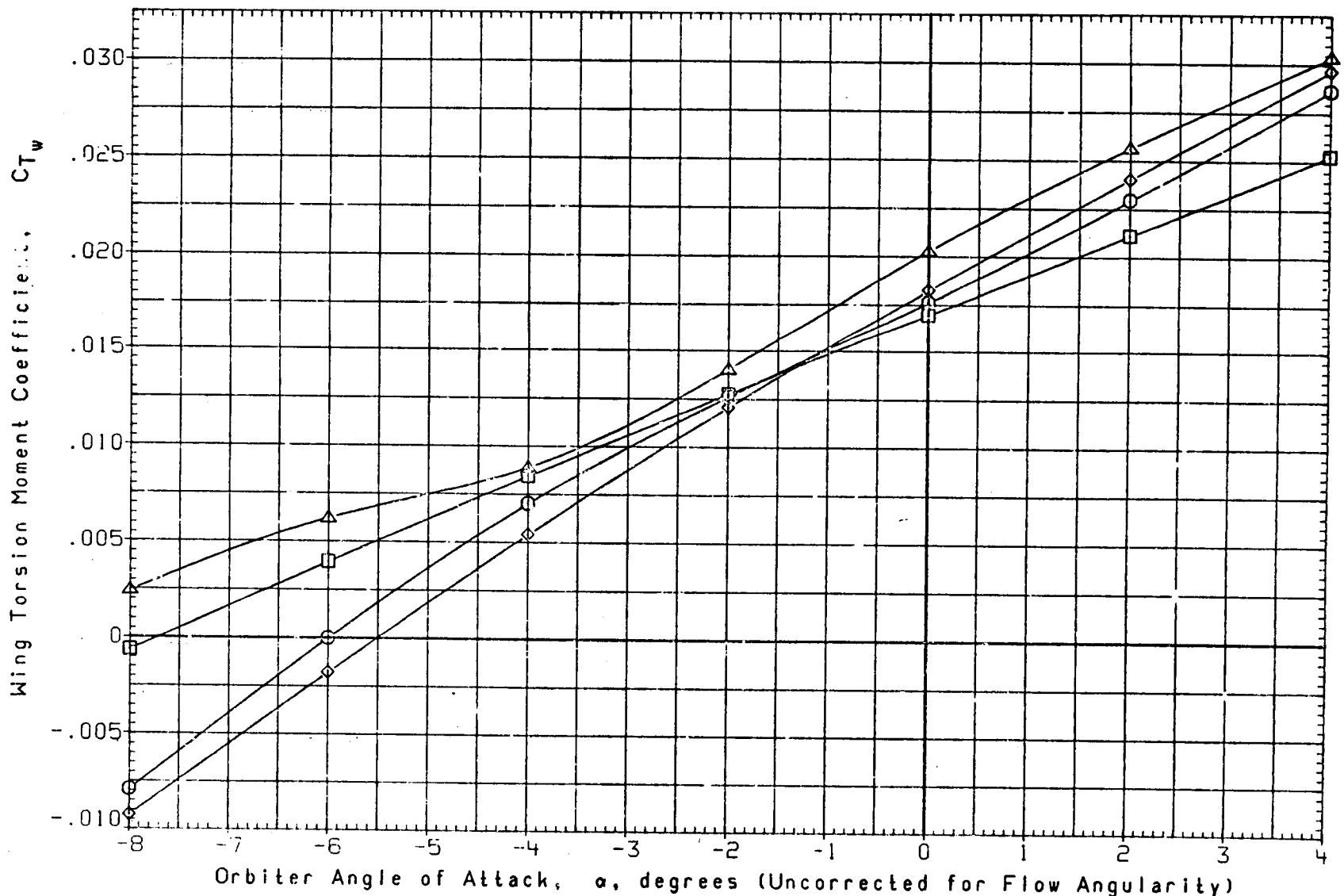


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
OBMW4	○	IA182 ALPHA BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
OBMW7	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
OBMW40	◇	IA105A,ALPHA BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
OBMW47	△	IA156A,OTS,ALPHA-BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

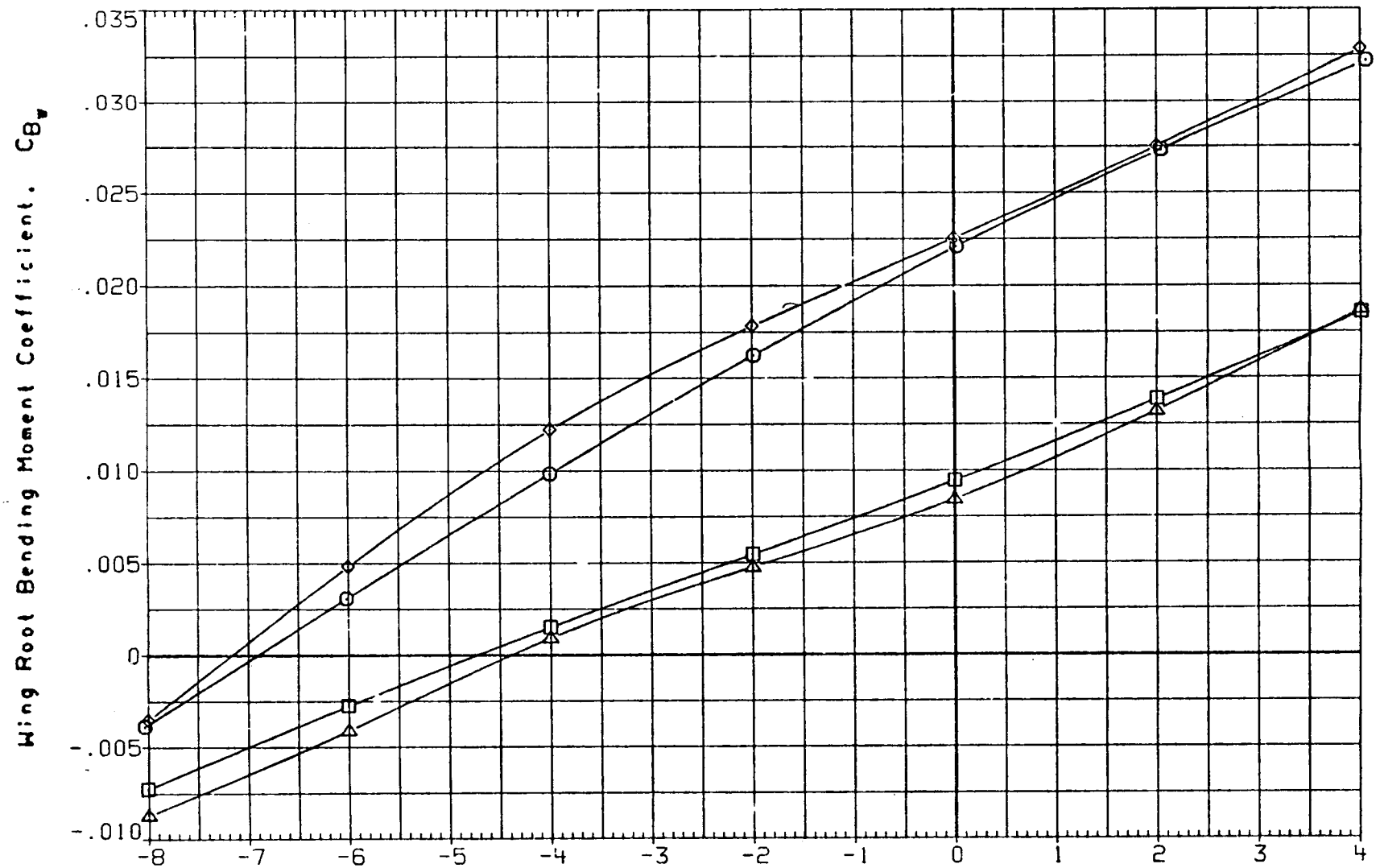


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

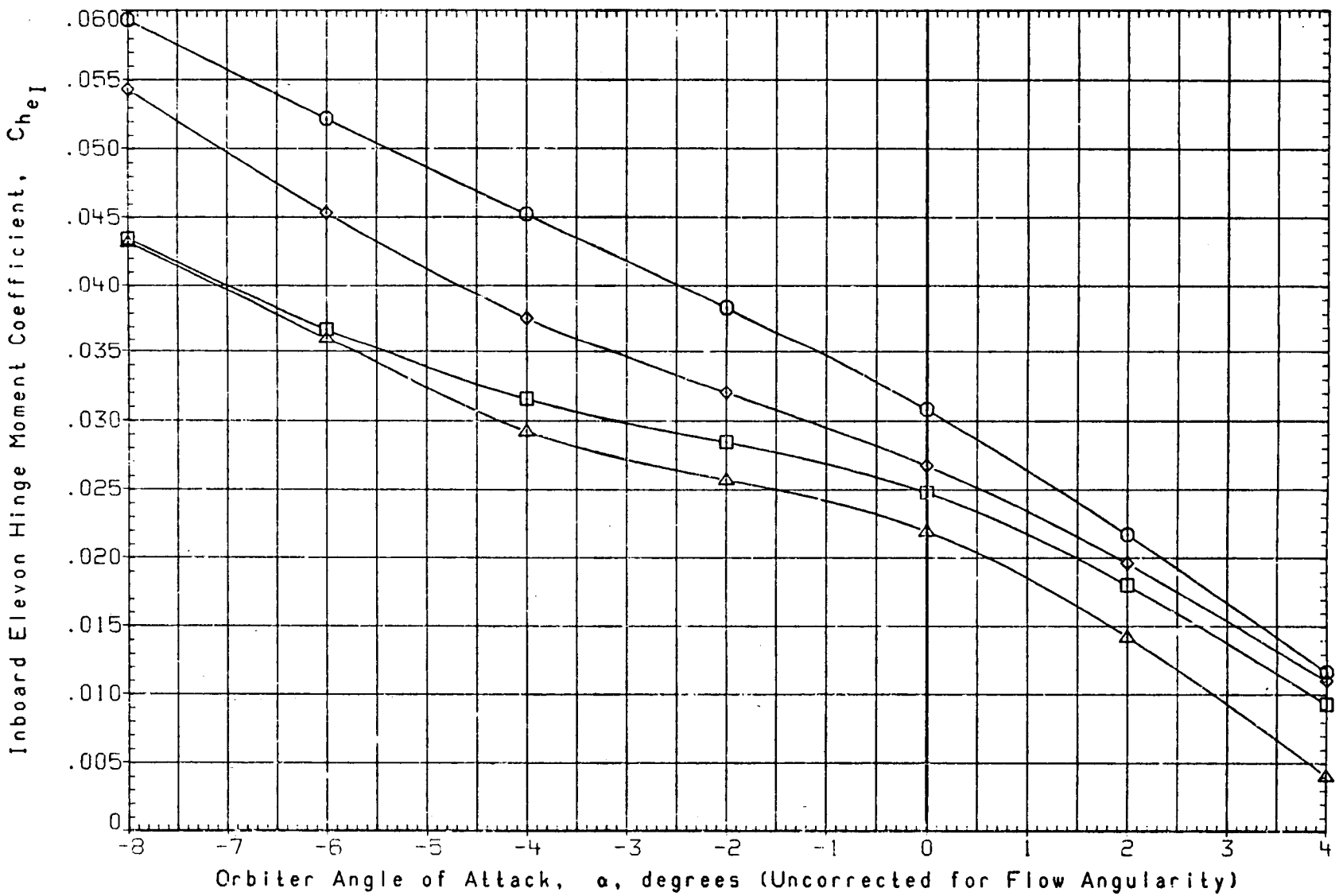


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PW17	□	IA183,ALPHA-BETA UNCOR FLOW ANG (WING-ELEVON)	1.100	10.000	5.000
U8MW40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NW47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

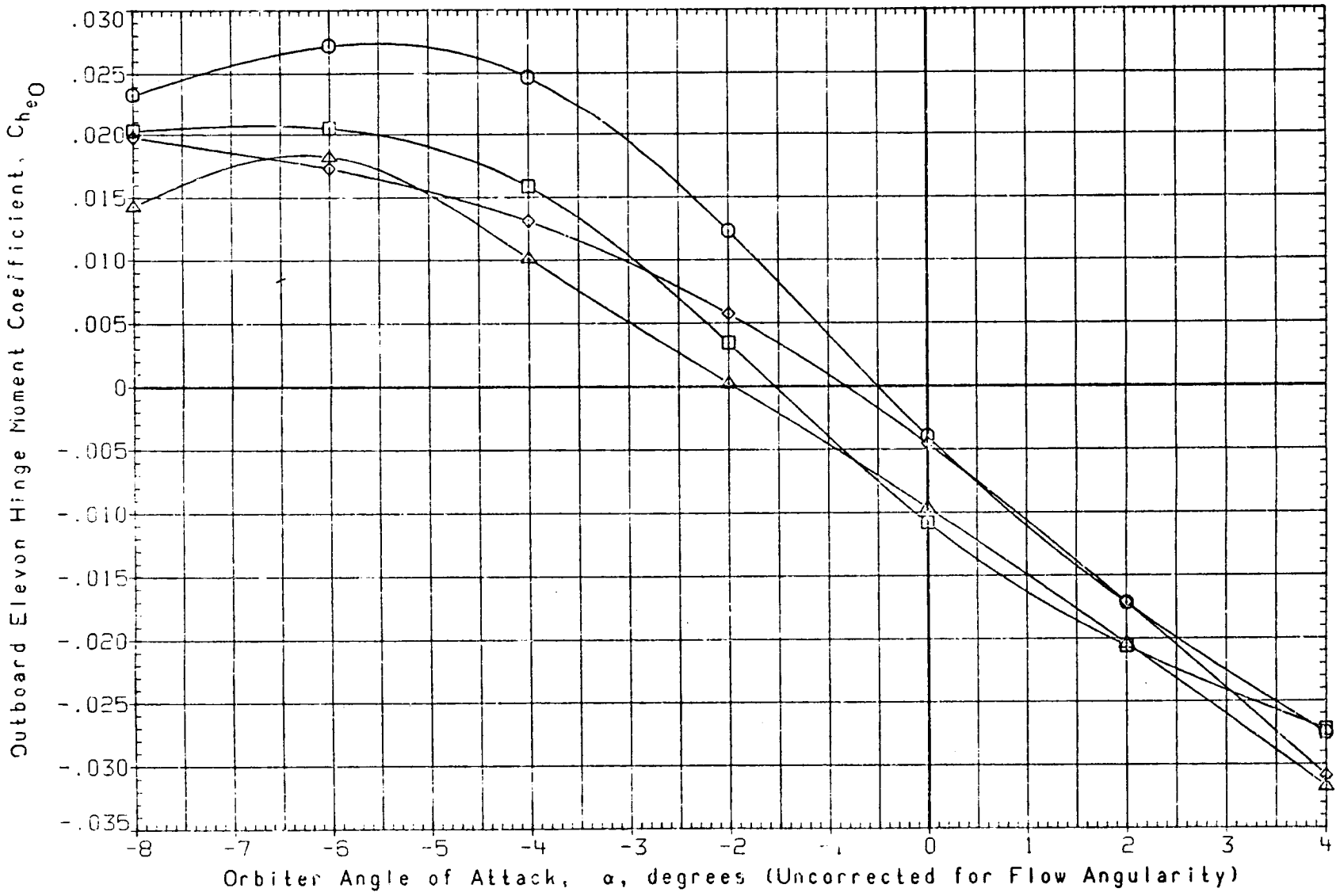


FIG. 35 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 5.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

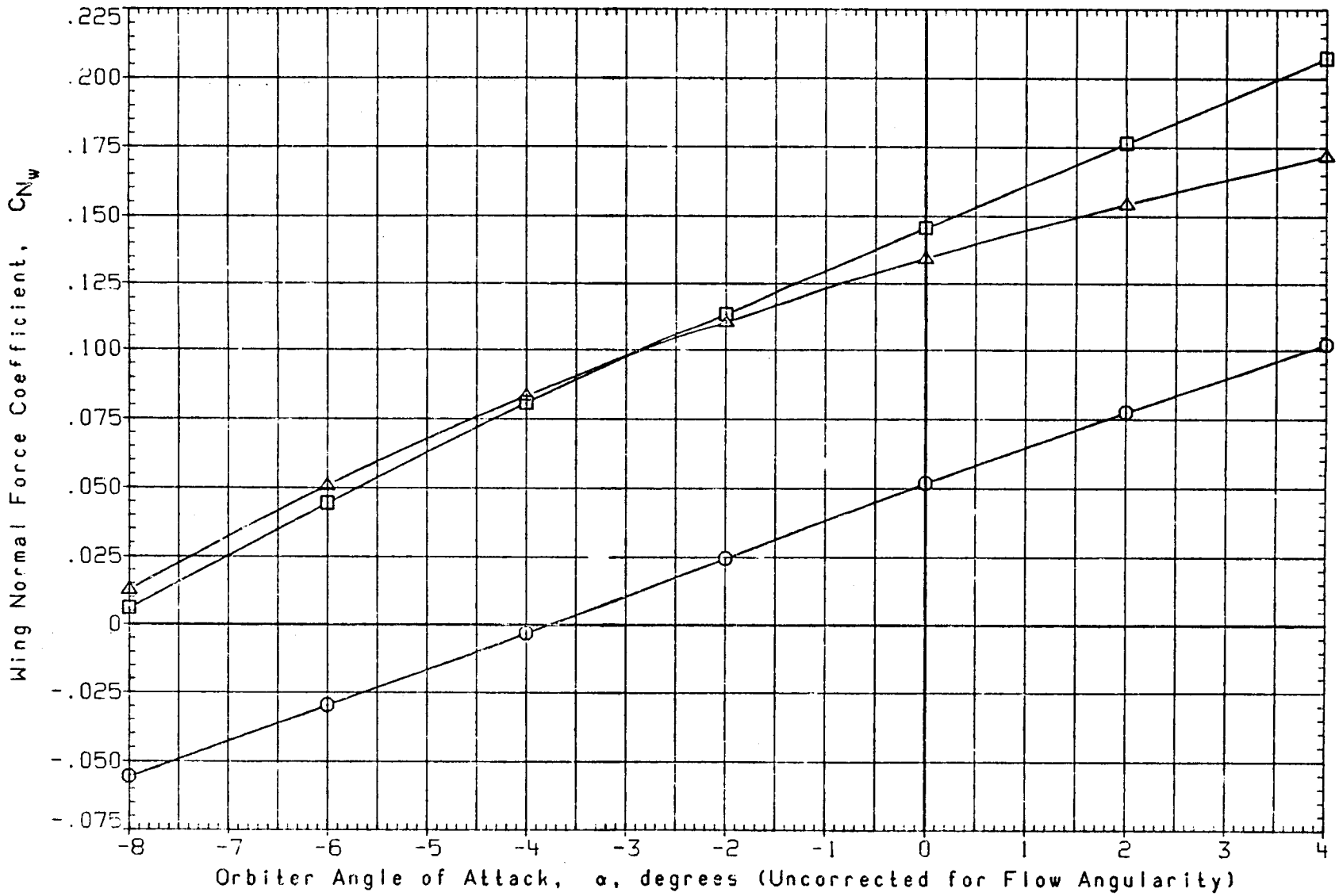


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA158A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

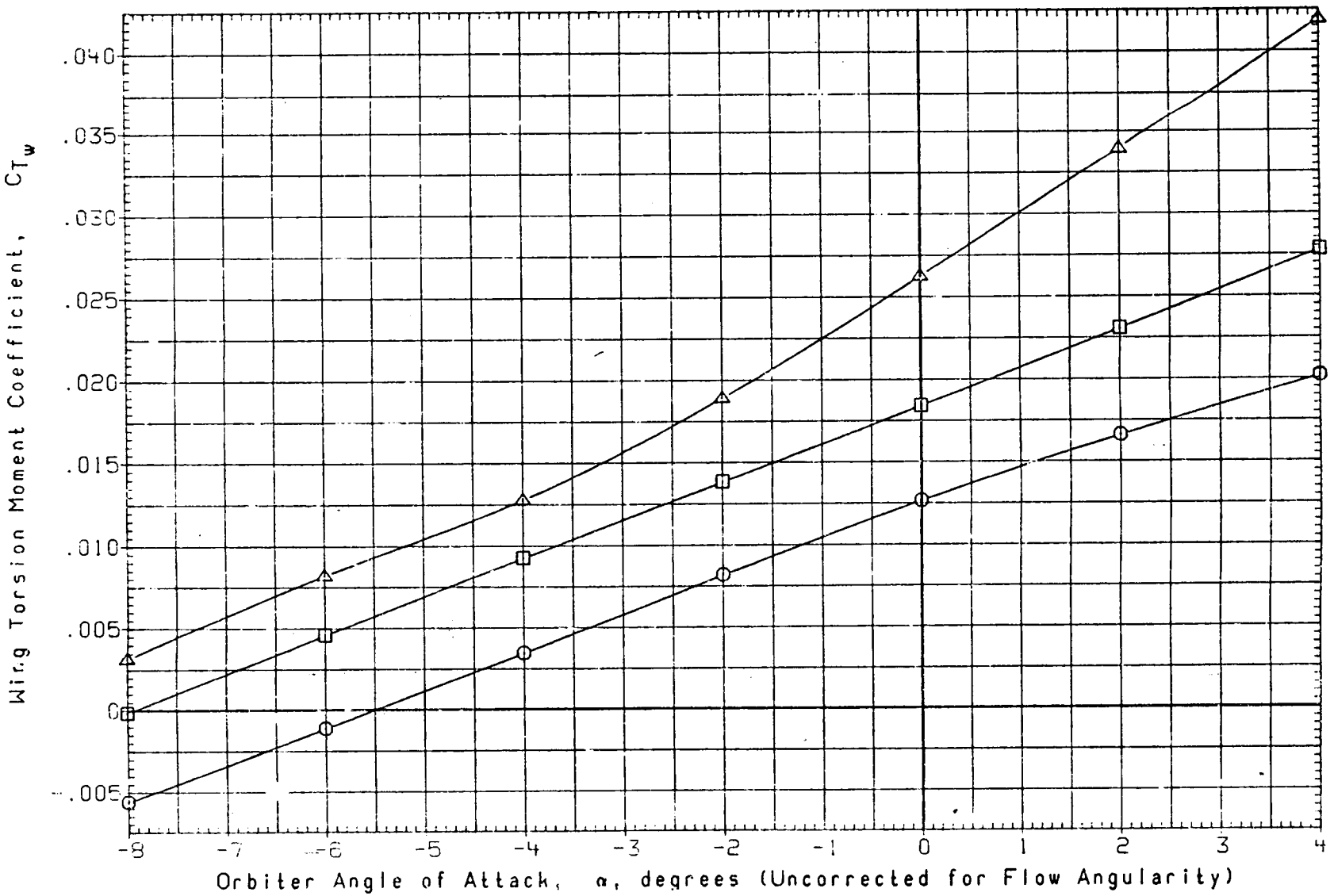


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U20W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
08PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

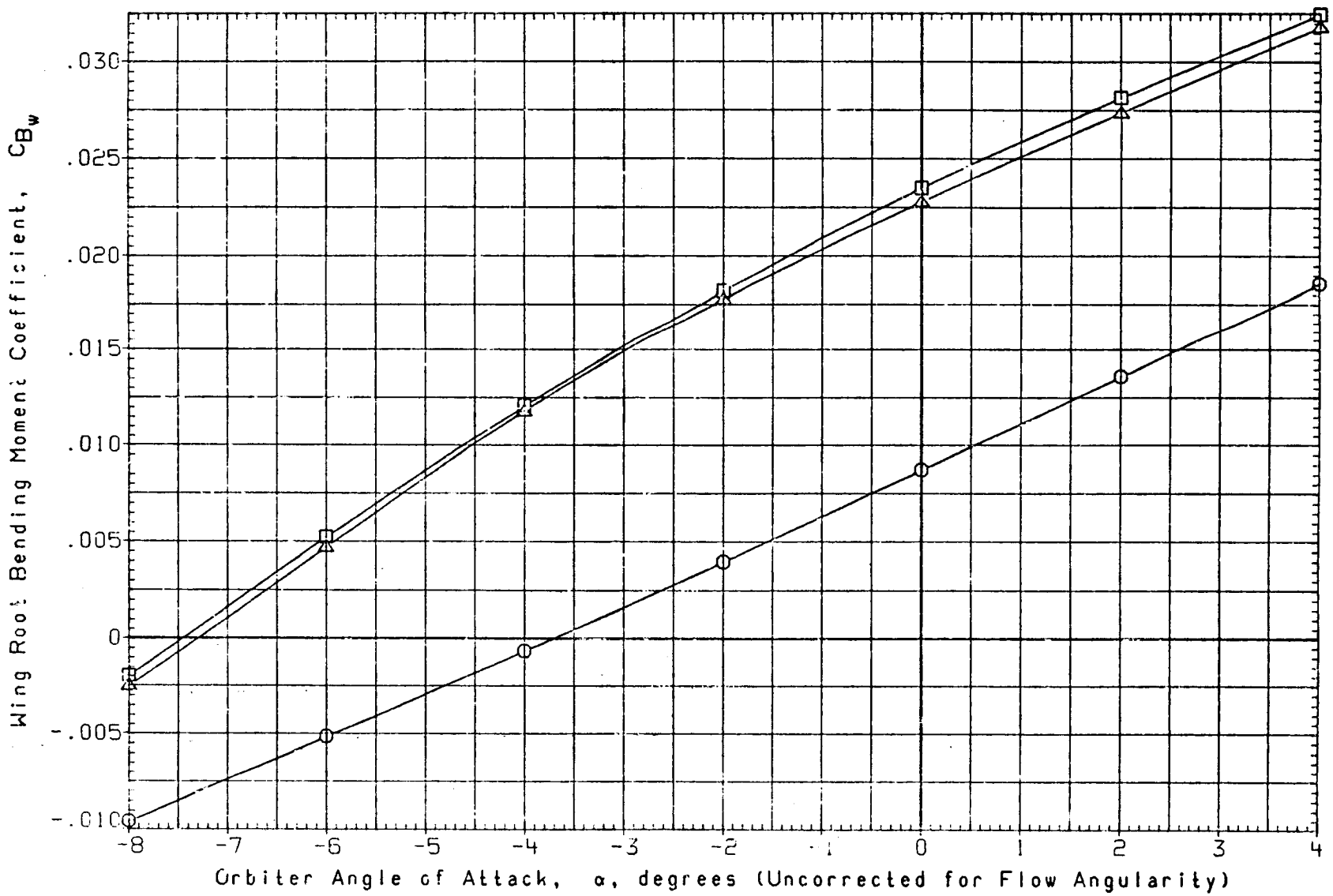


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETCU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U5OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O6PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8NW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

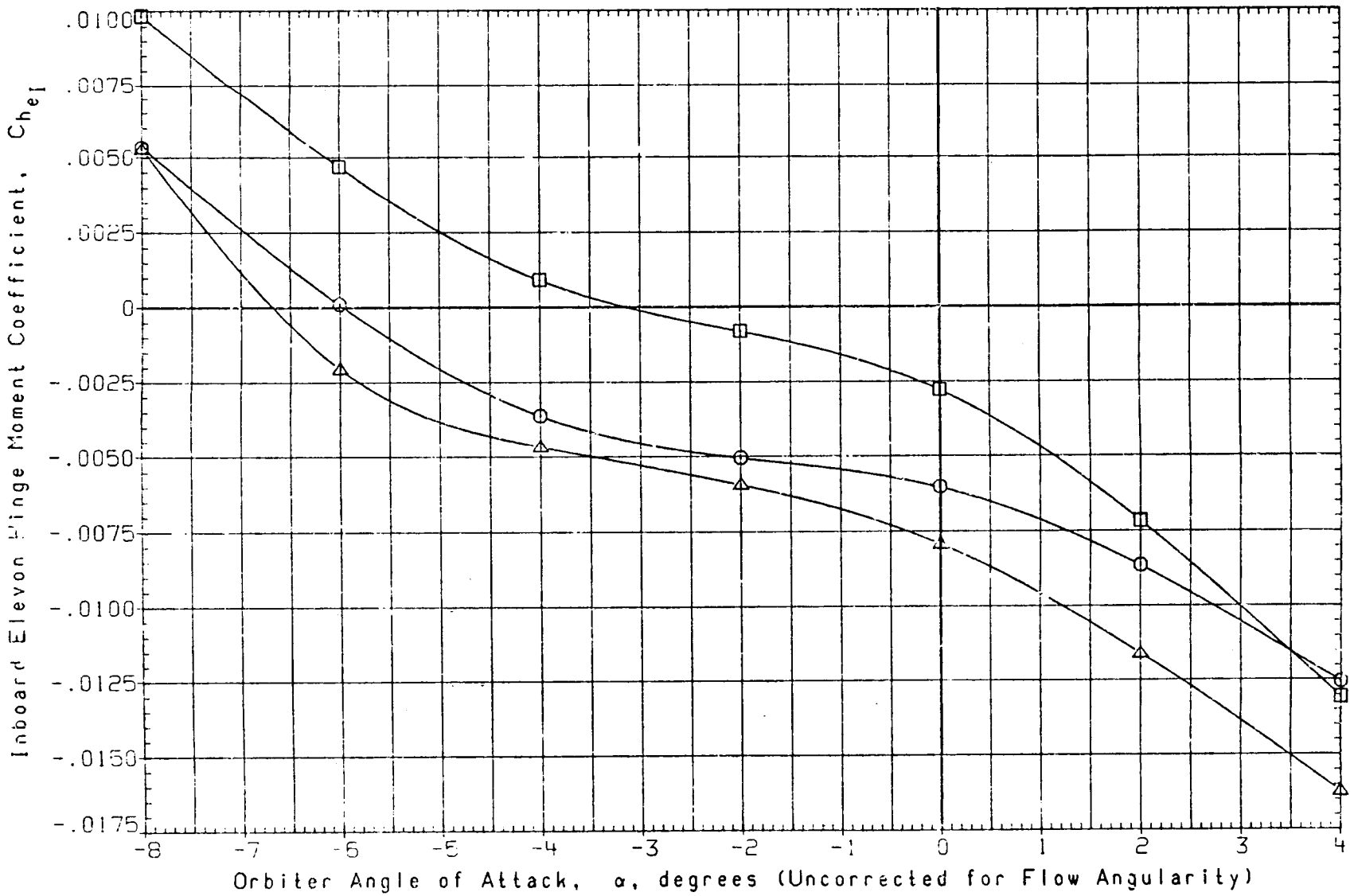


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

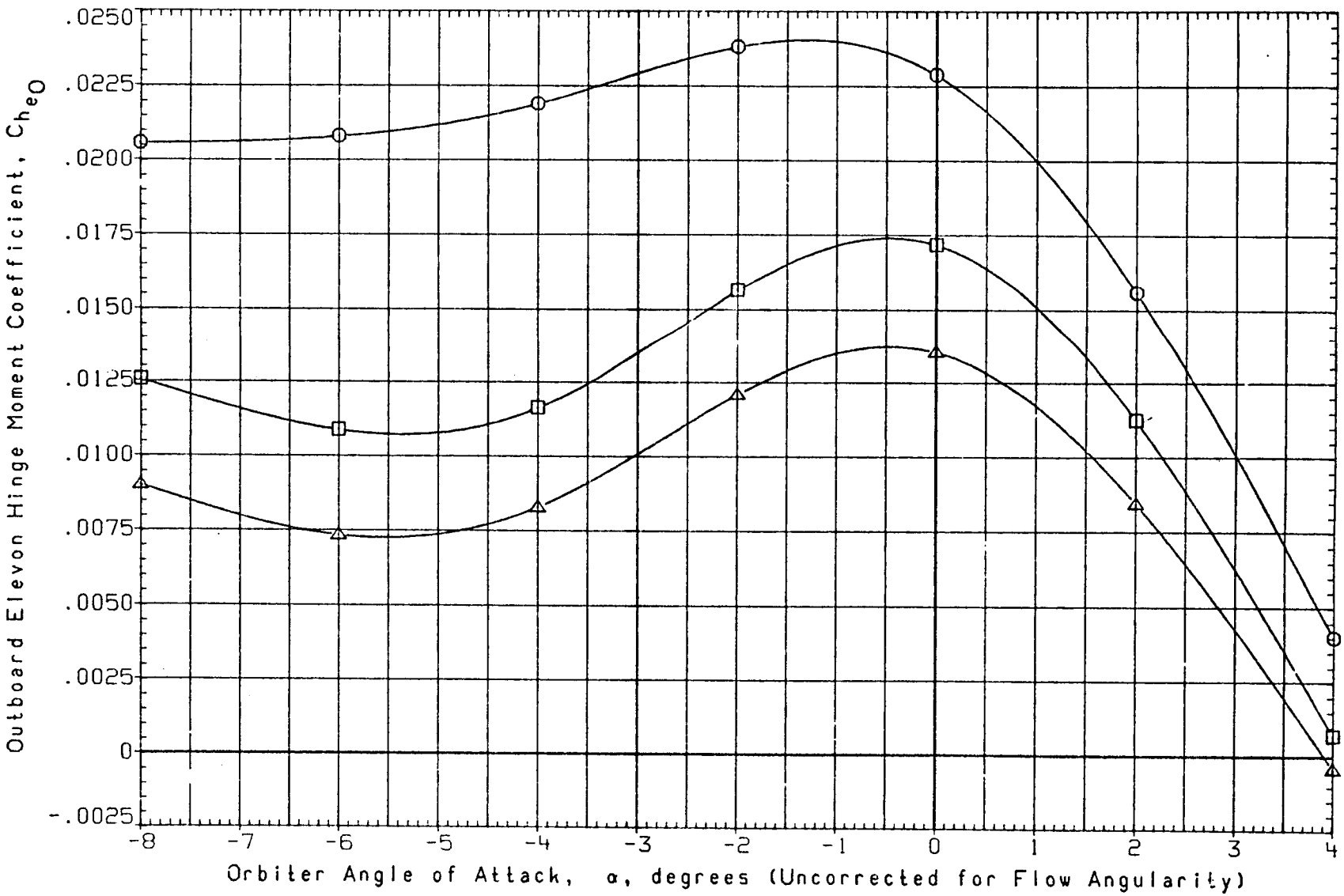


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NK49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

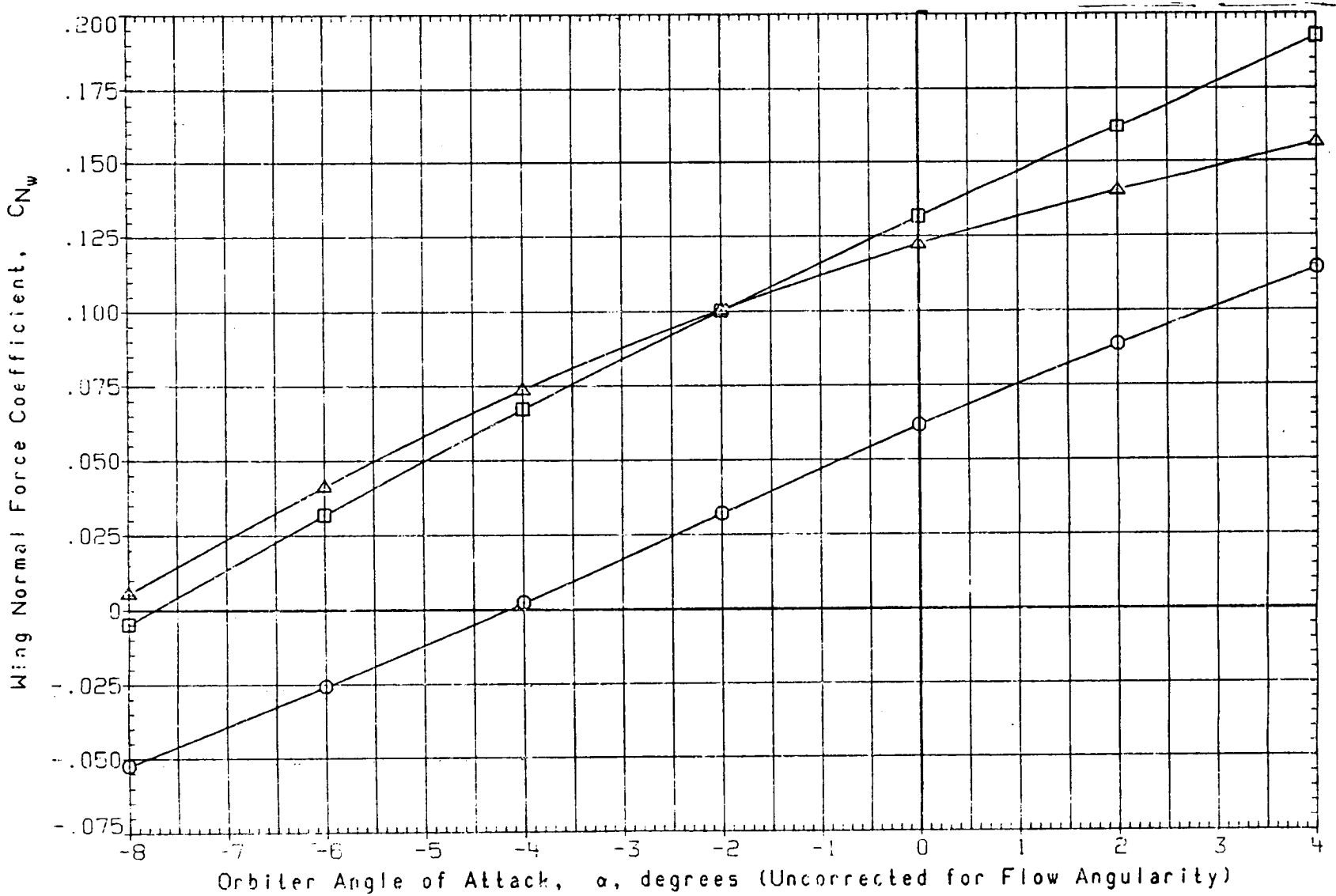


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U5CW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

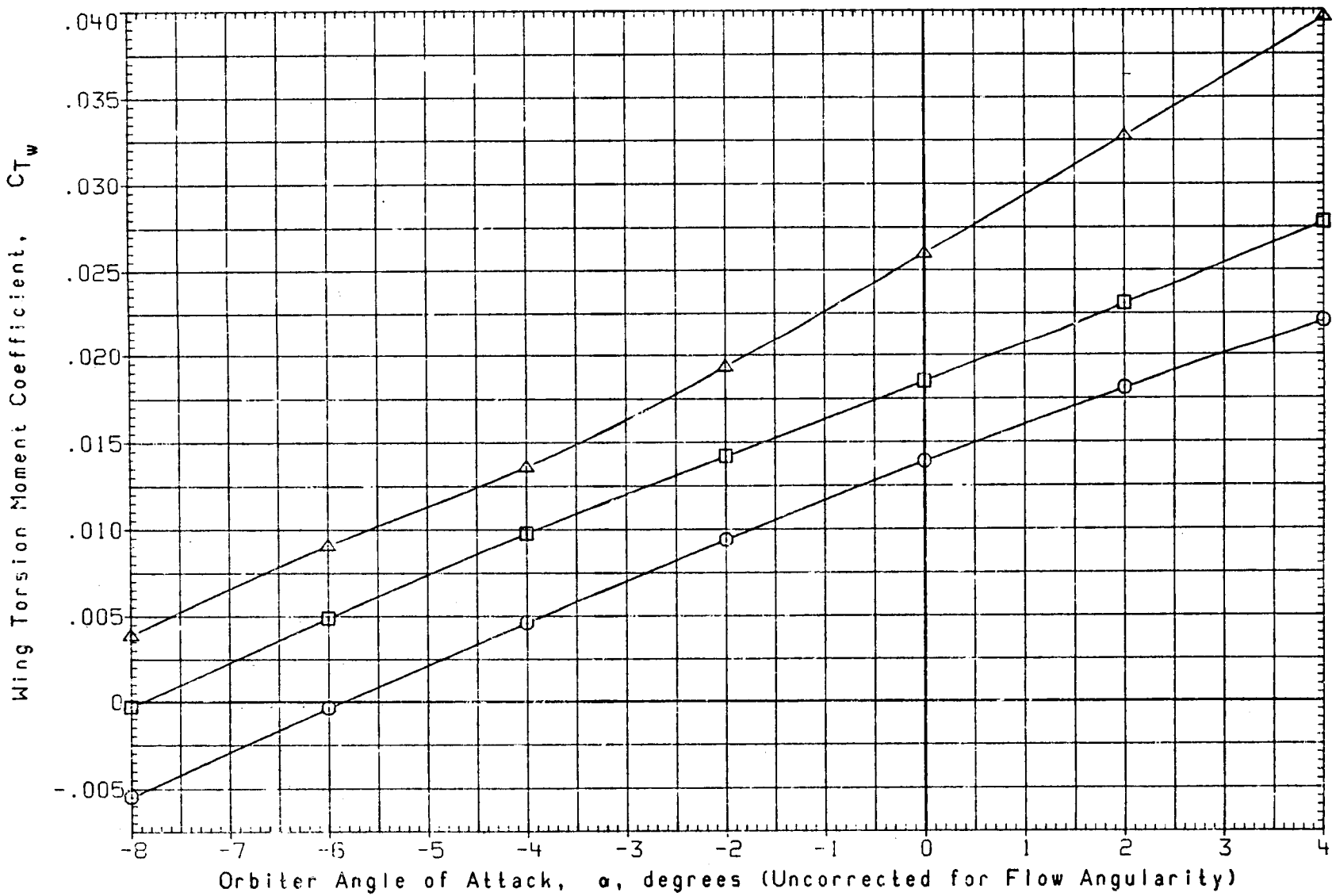


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U3OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U2MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U3NW48	△	IA156A.OTS.ALPHA-BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

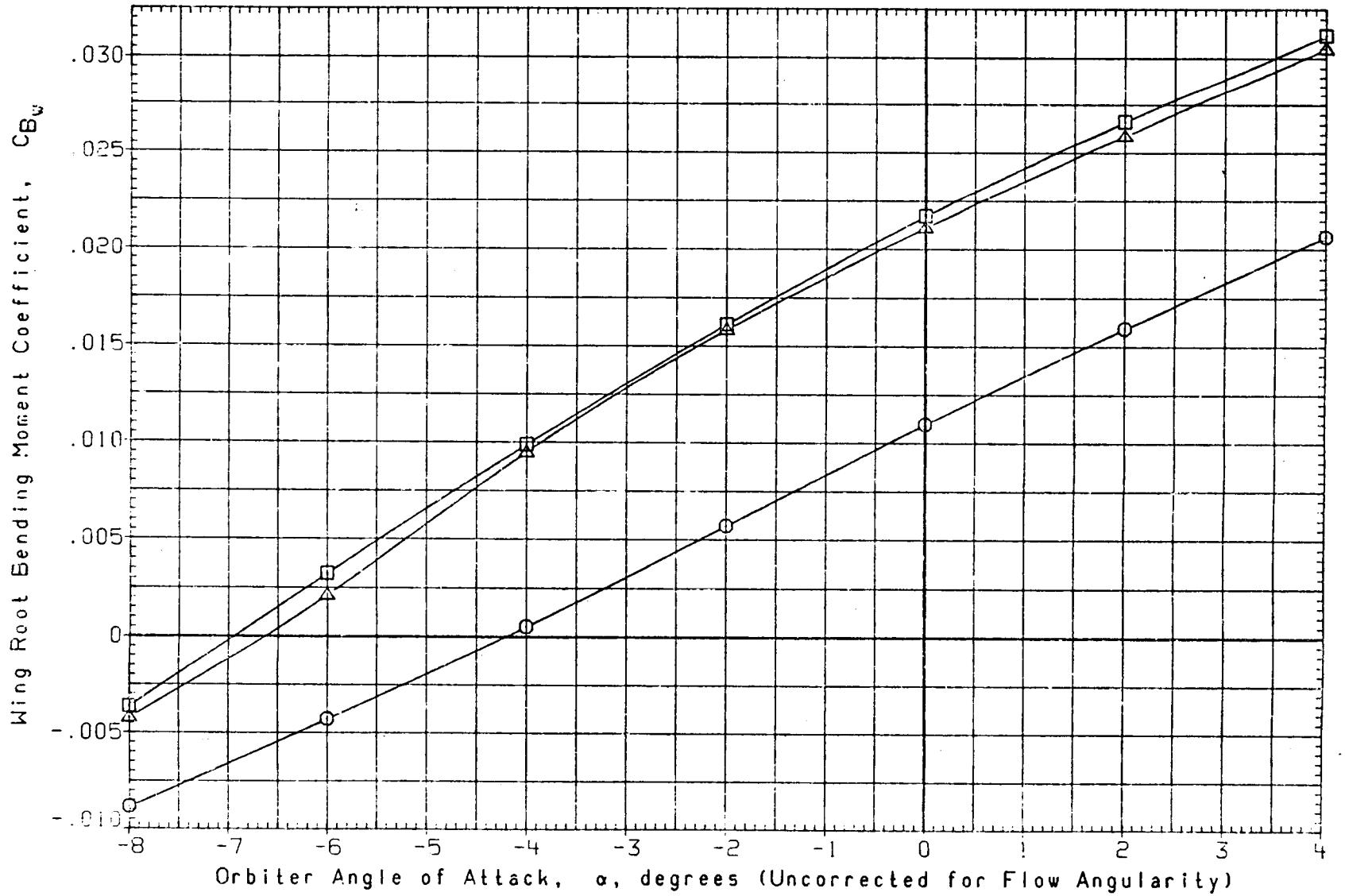


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W35	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

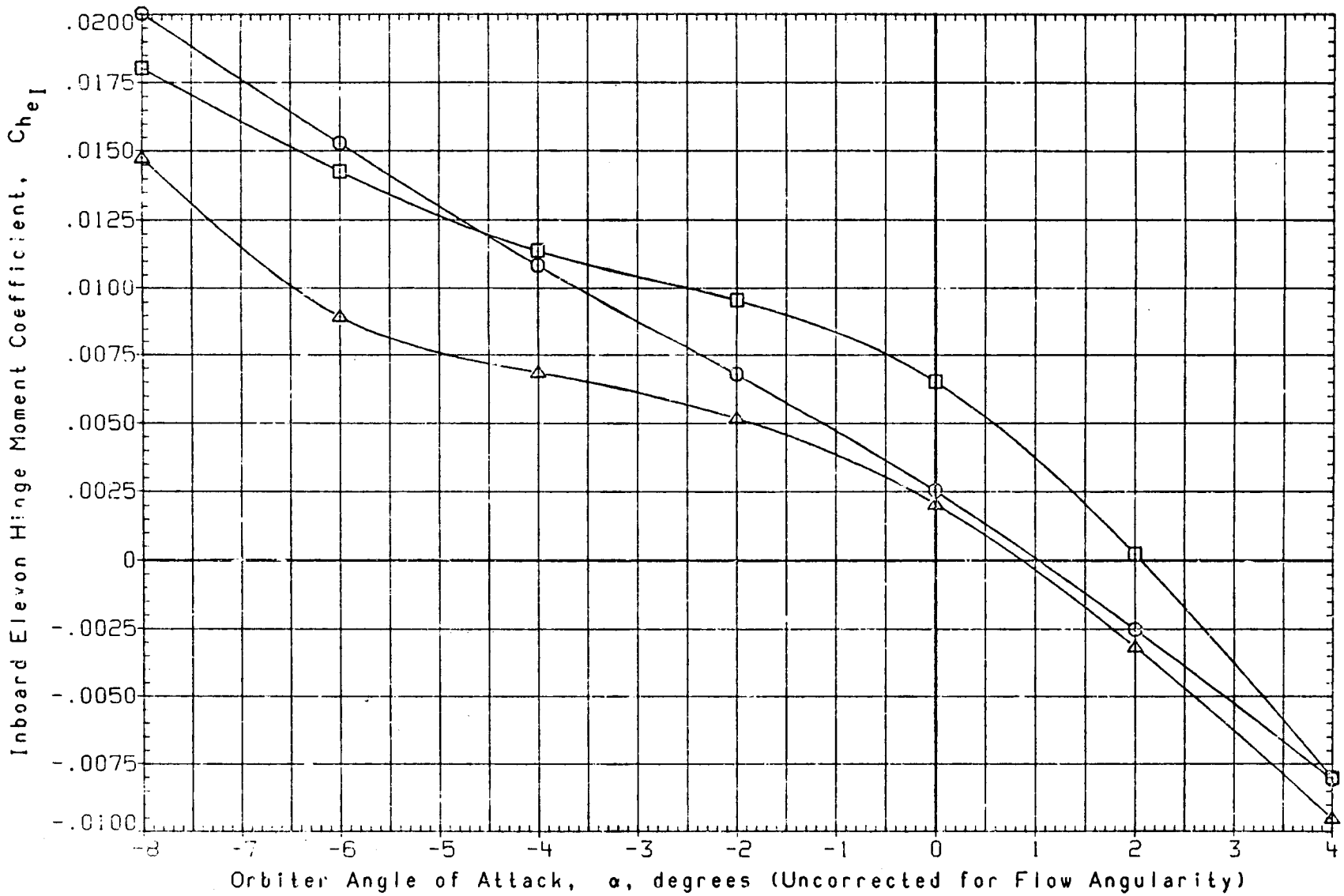


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
UBCW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
OBPW10	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
UBMW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
UBNW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

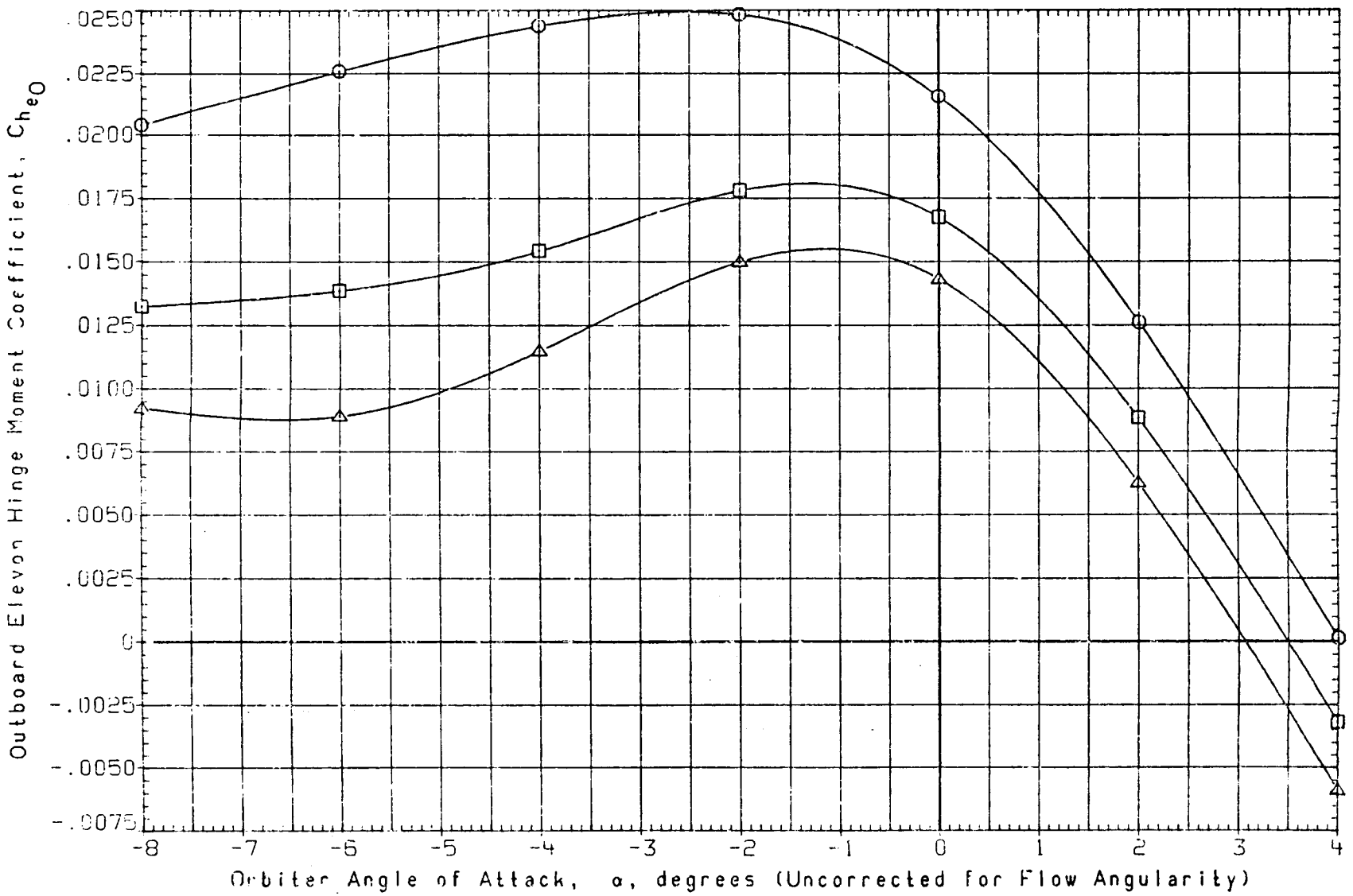


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA15GA,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

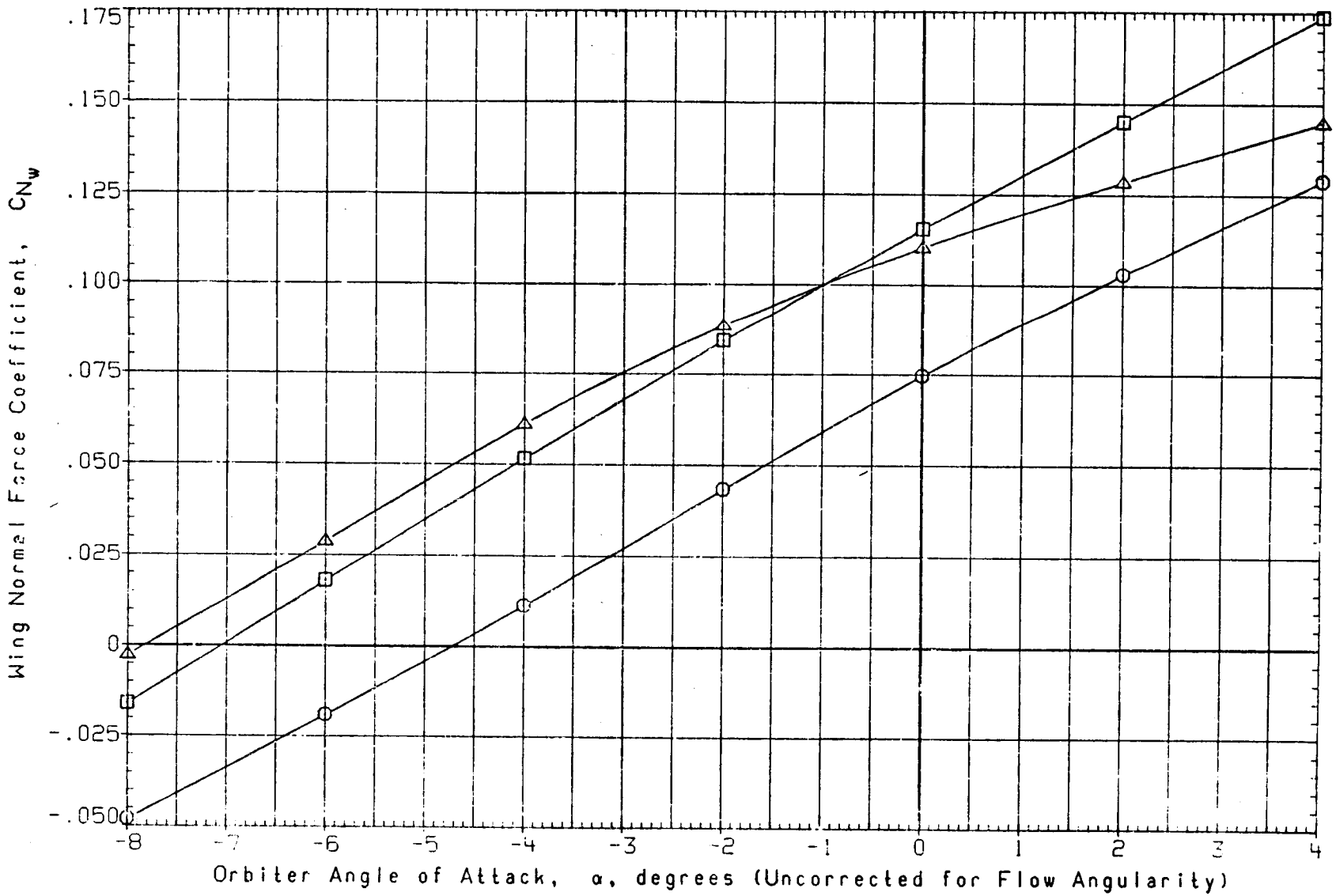


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA158A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

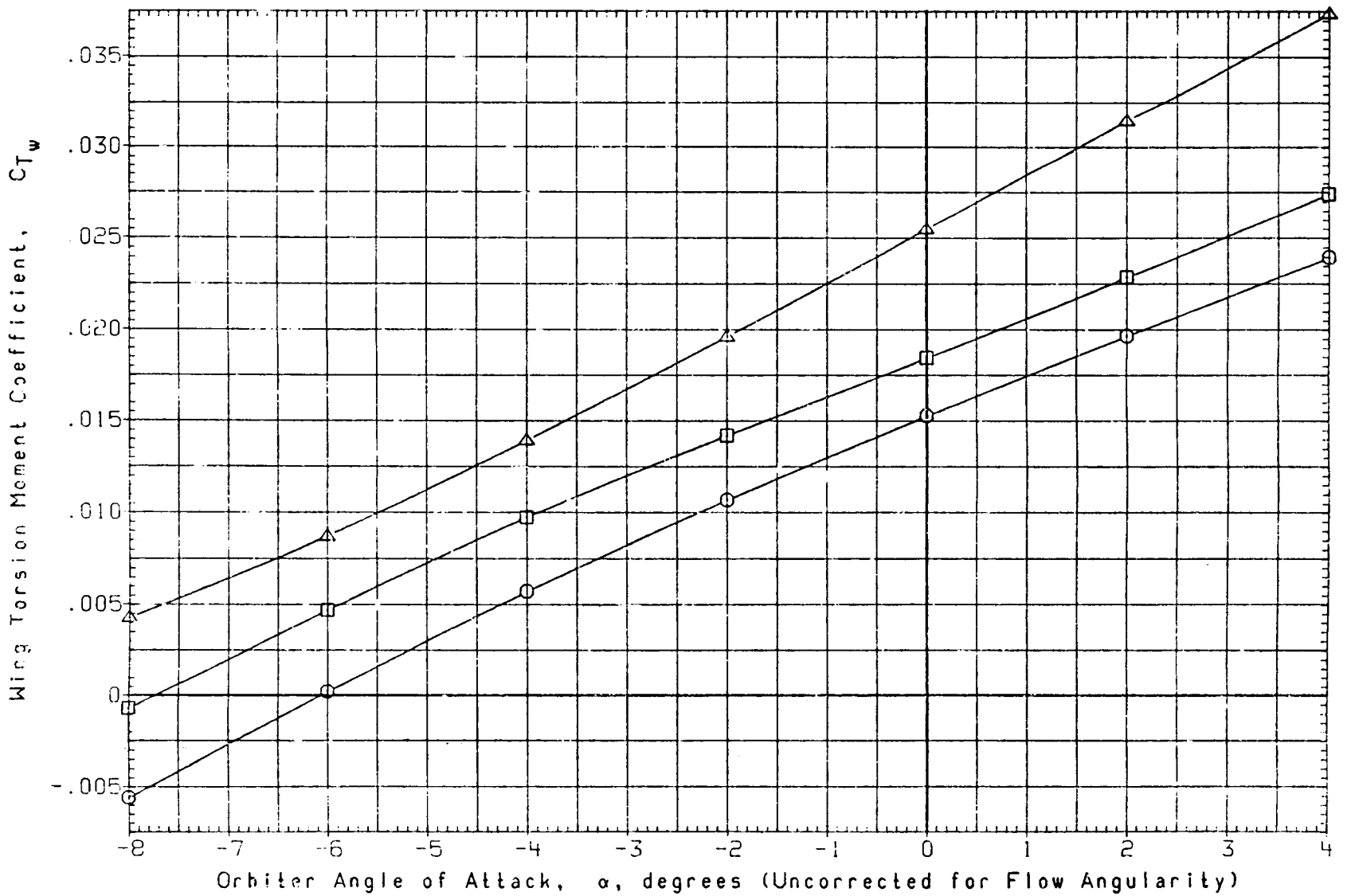


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

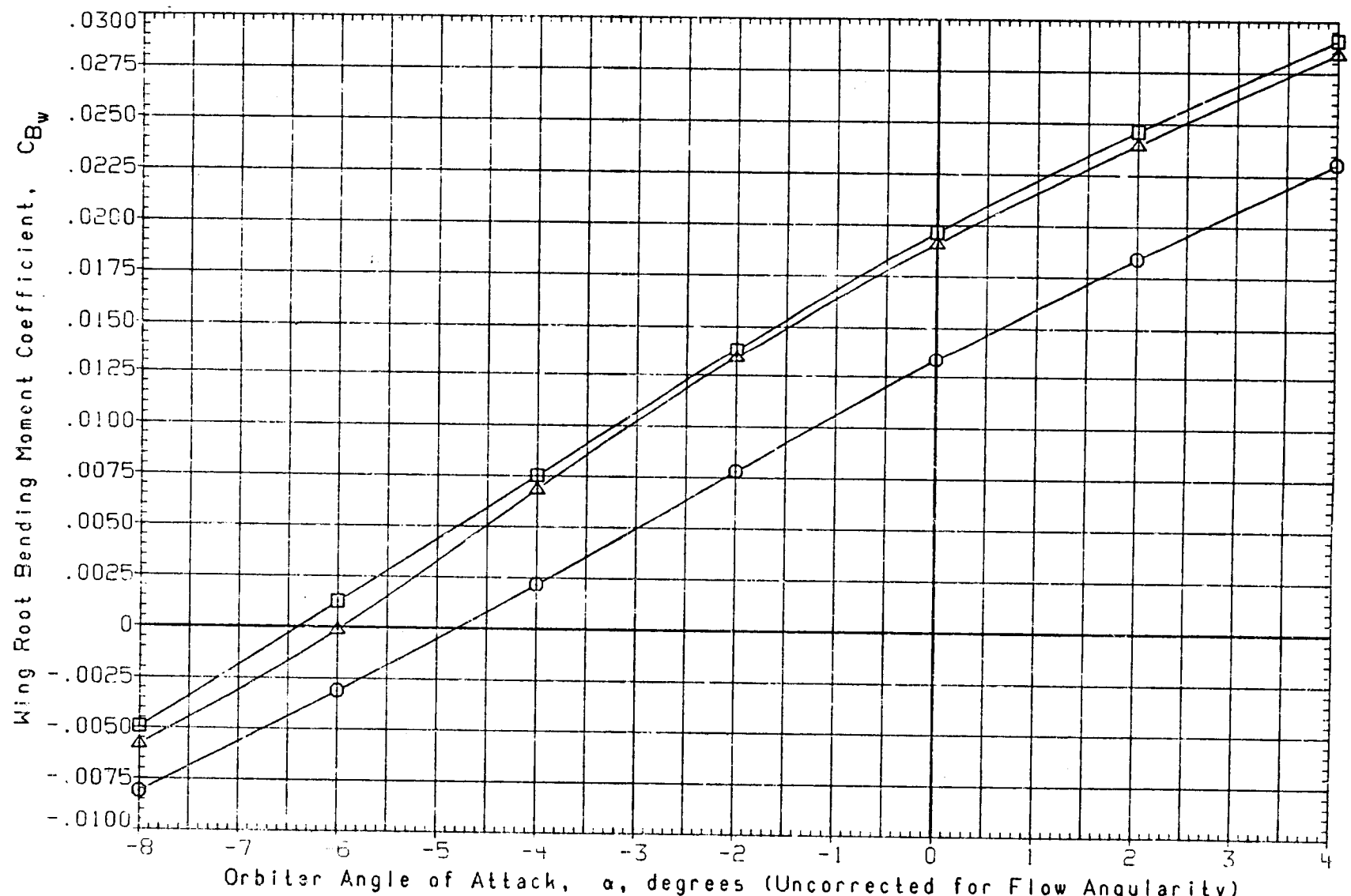


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
0S0WC5	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
0BPW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
0BMW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
0SNW48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

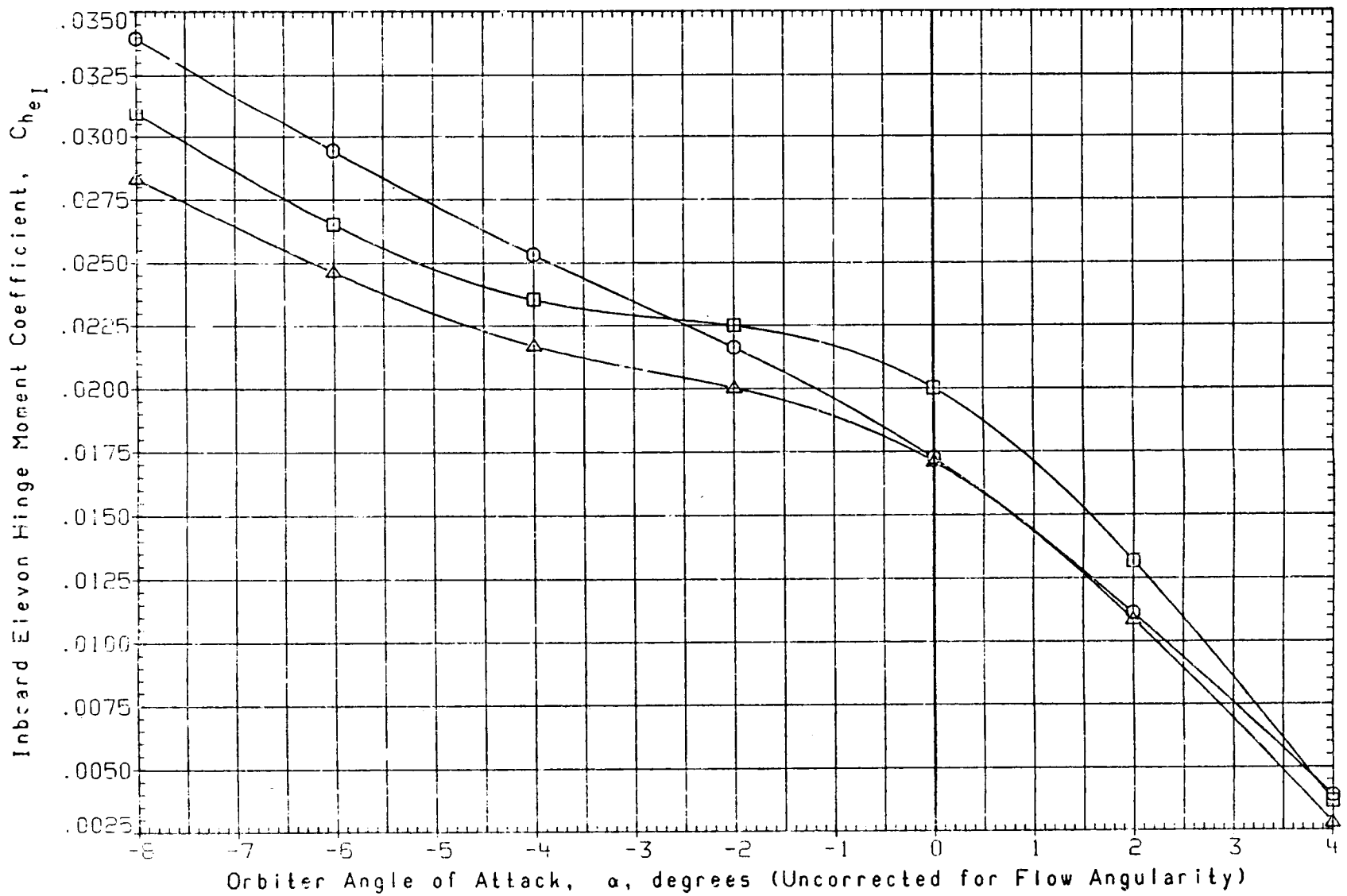


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NW48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

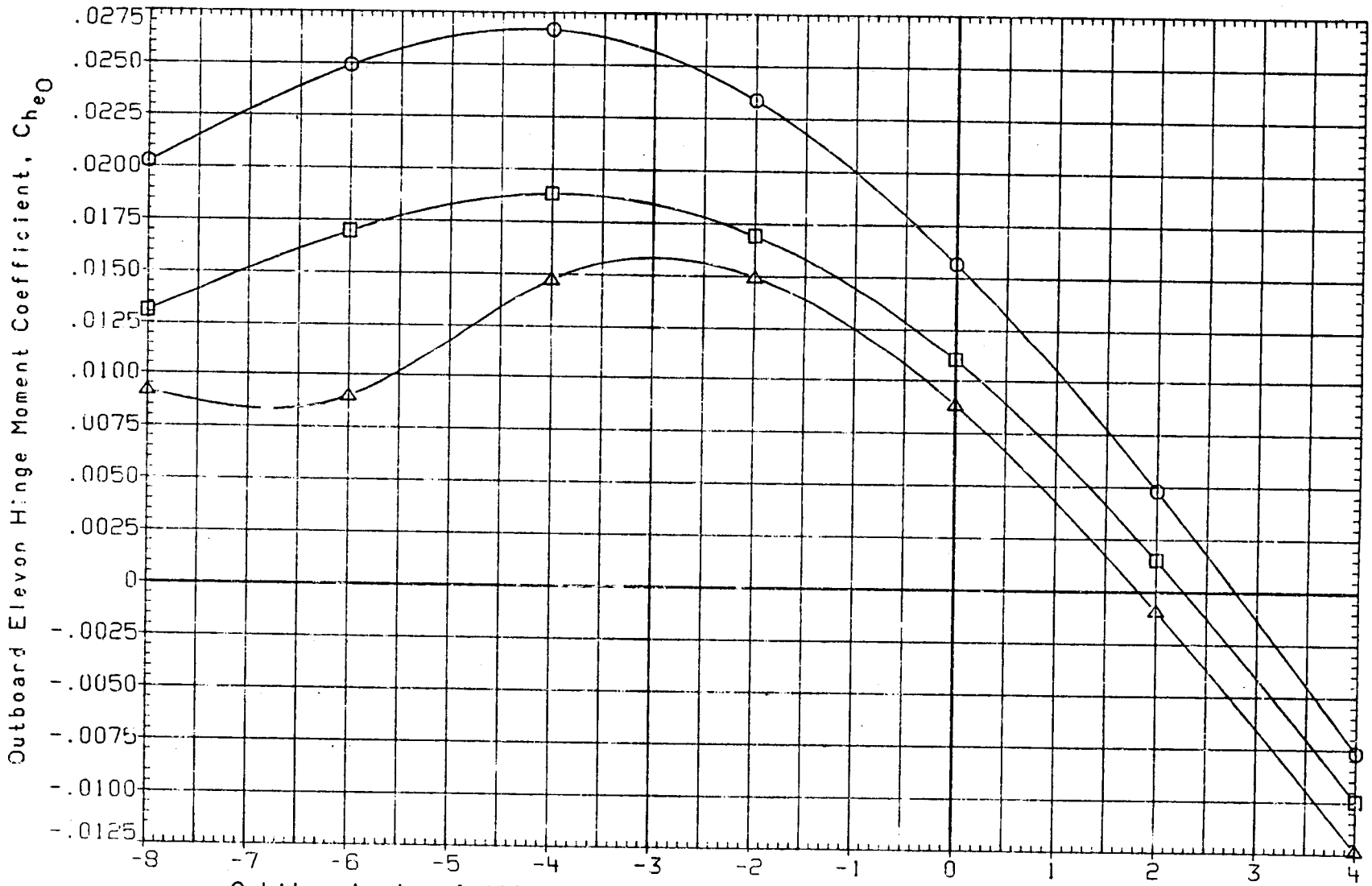


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O9PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
UUMW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

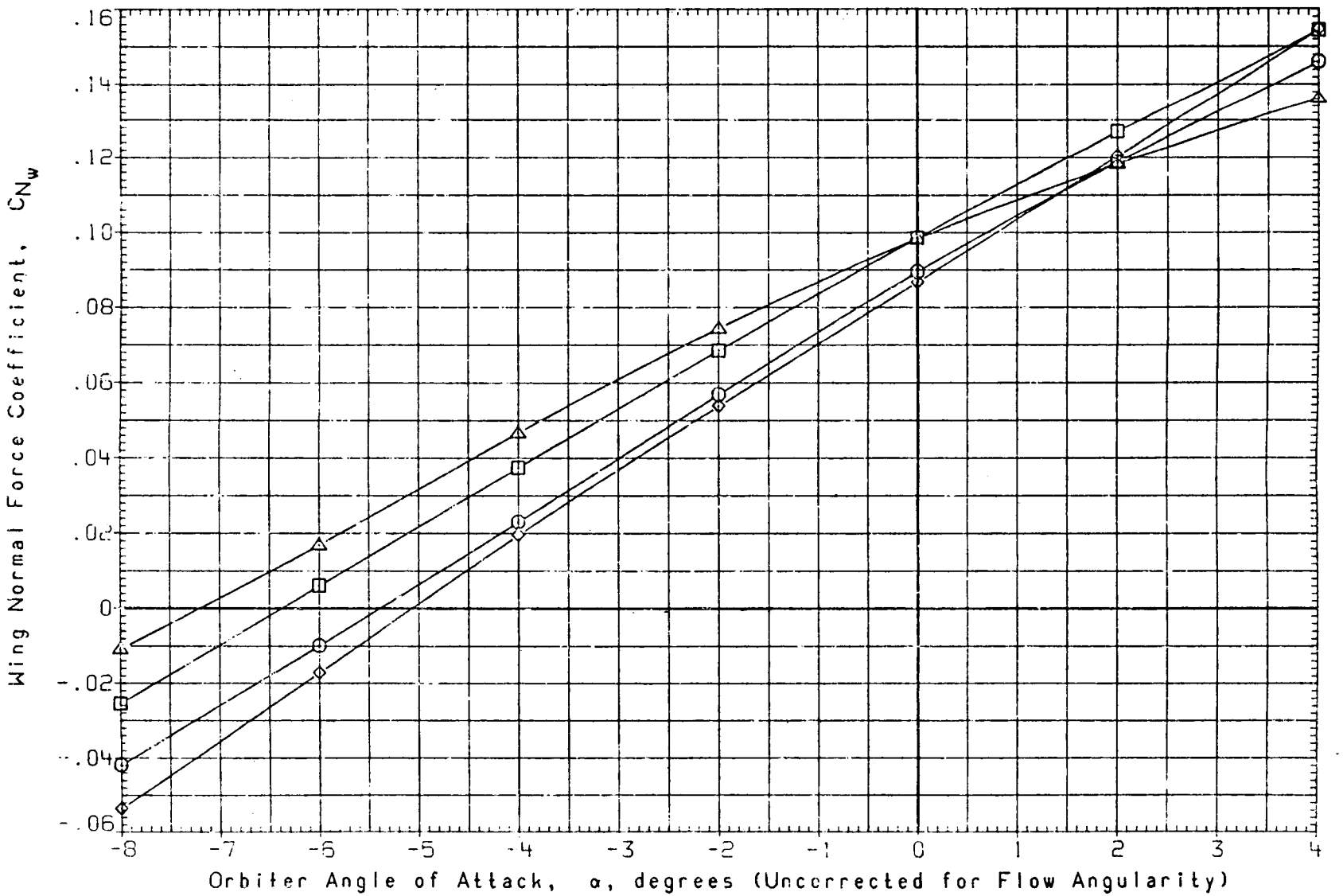


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)EETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA187,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

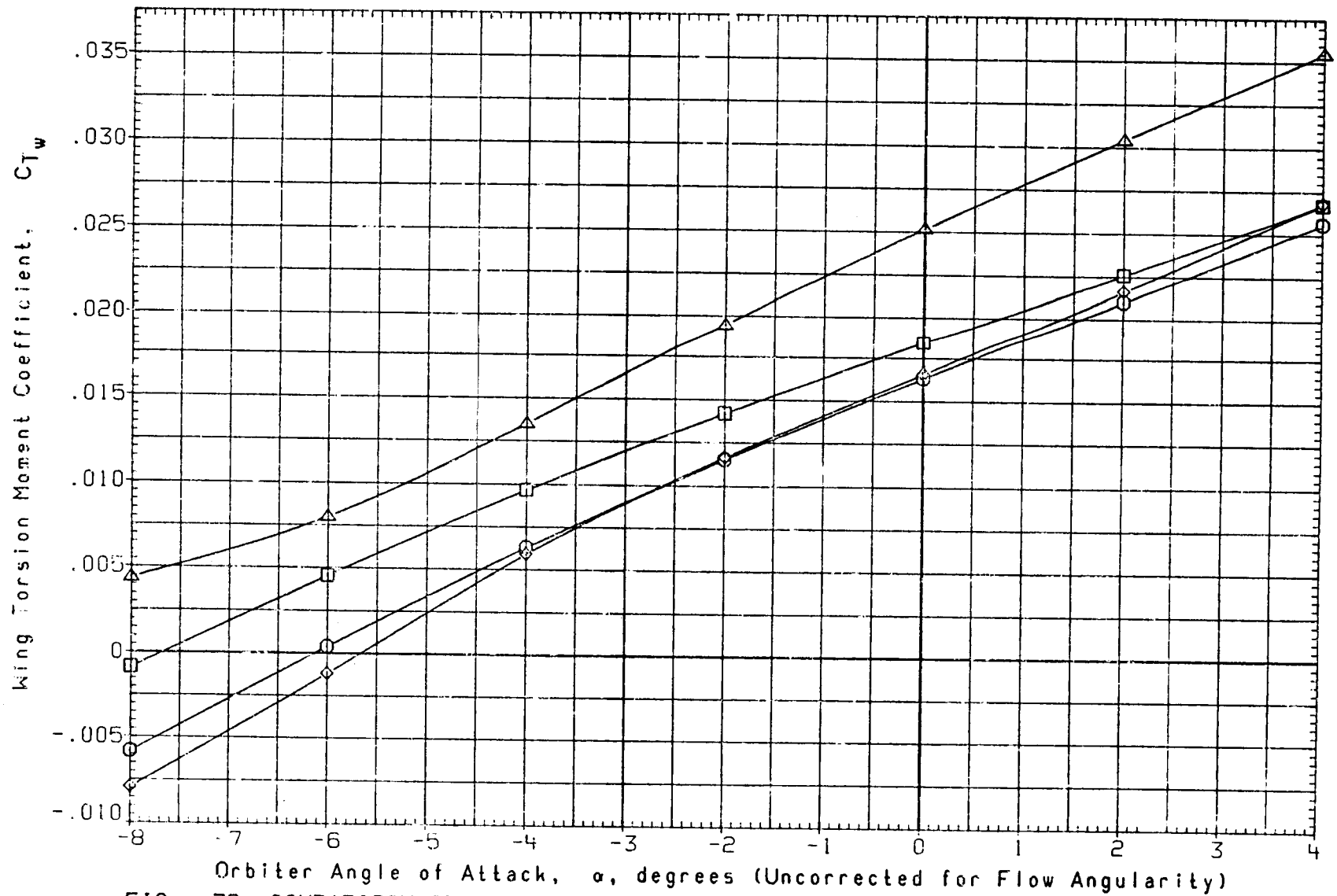


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
OBOWC5	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
OBPW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
OBMW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
OBNW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

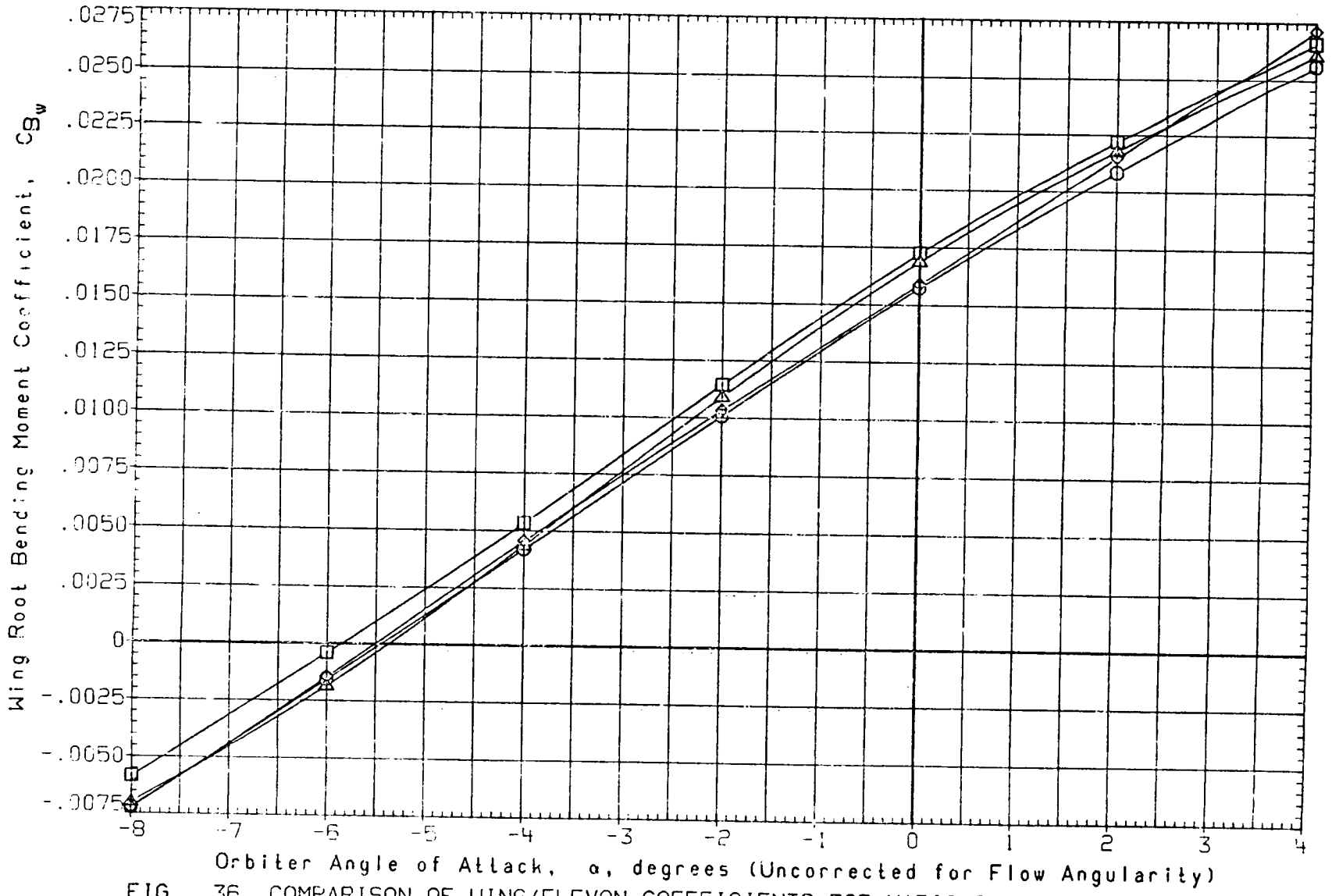


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

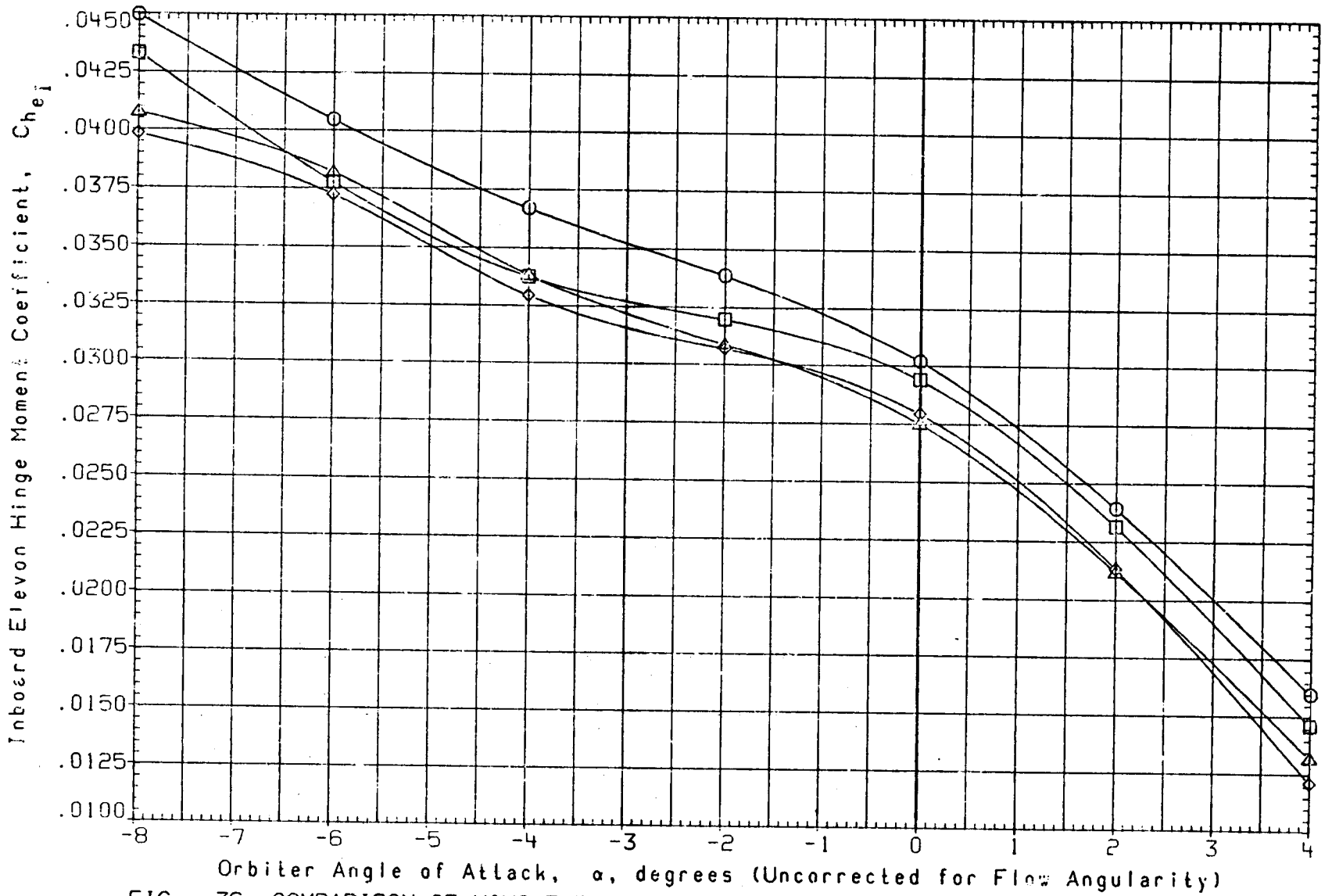


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OWC5	○	IA:82 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	◇	IA:83,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	□	IA:105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA:56A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

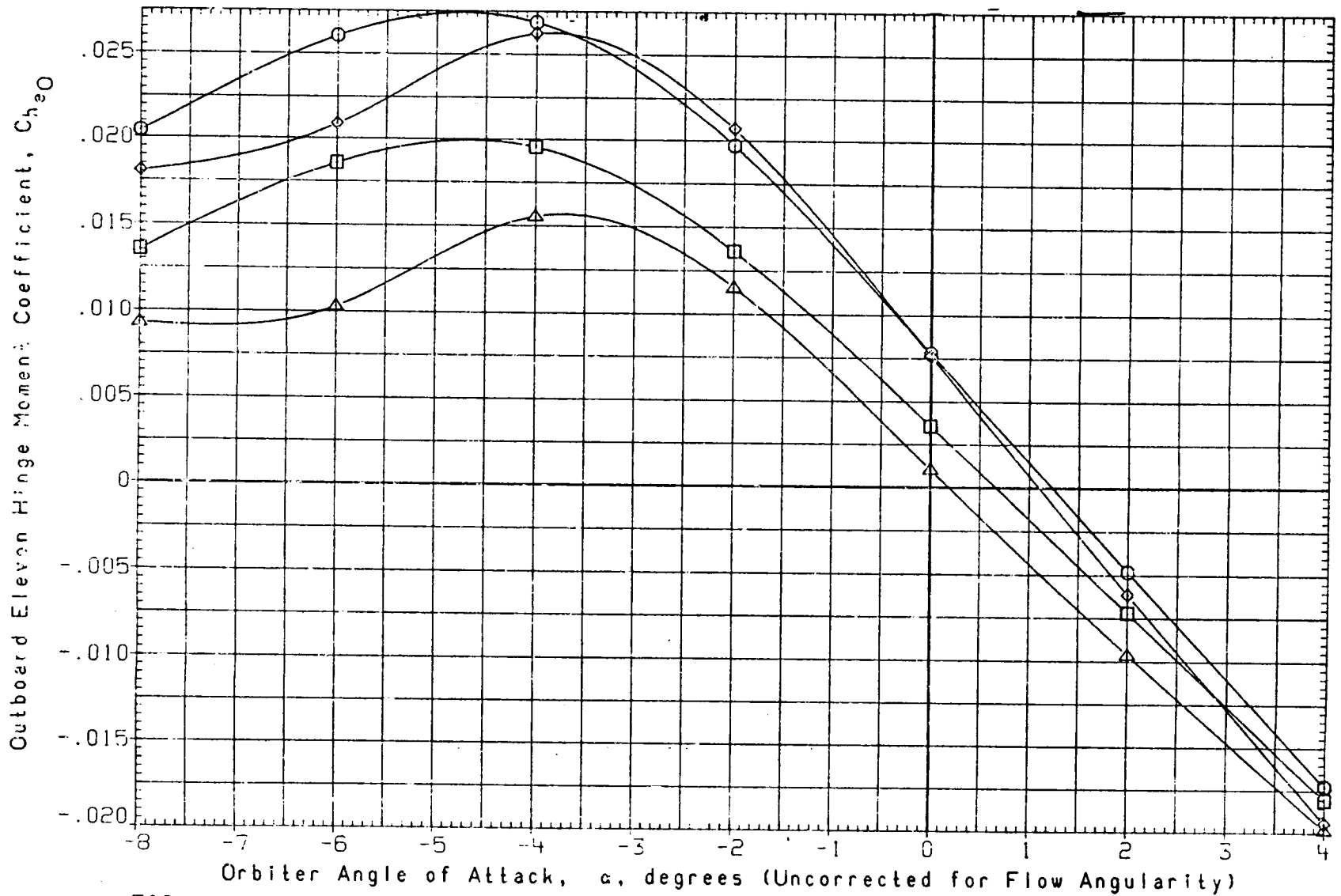


FIG 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

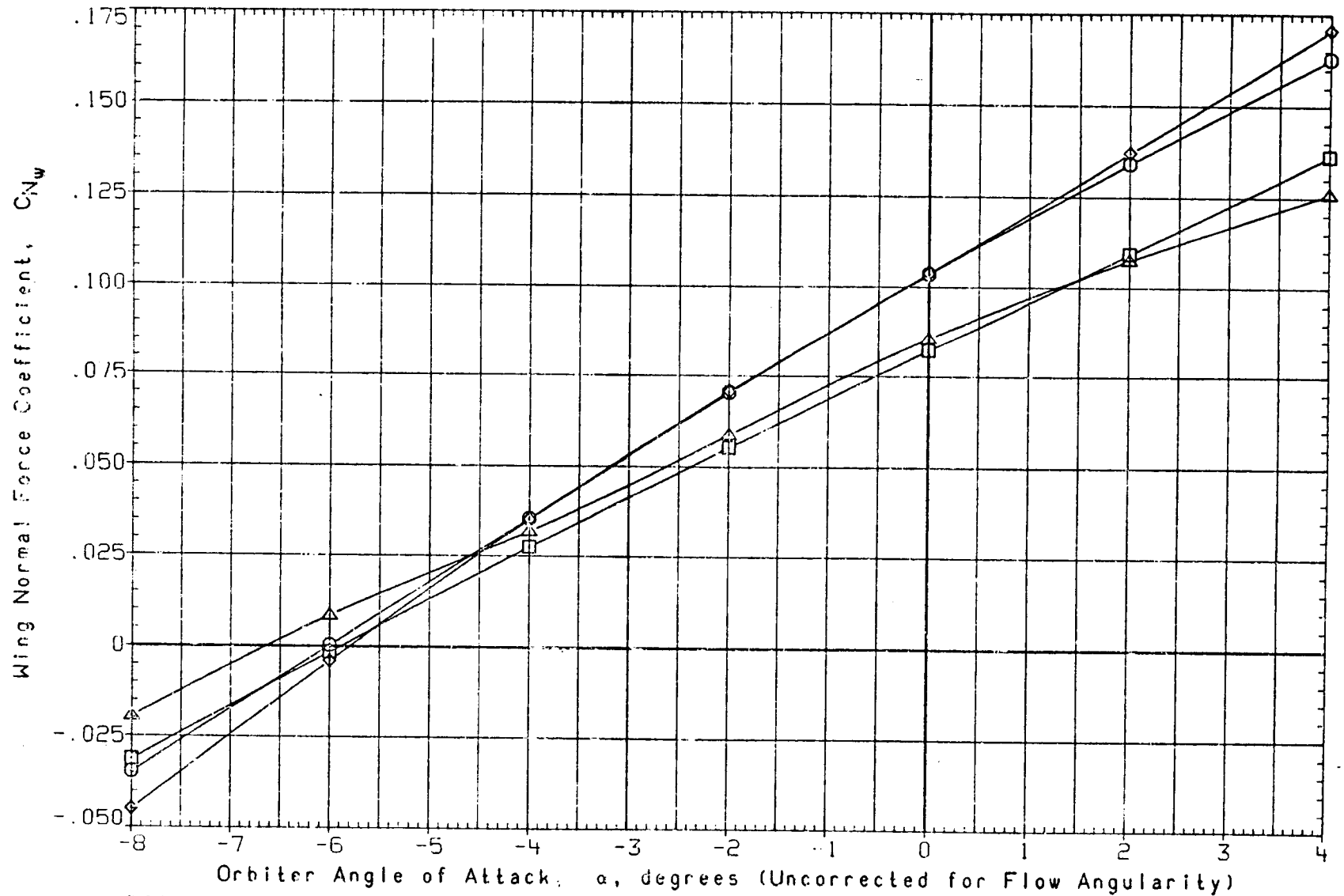


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW49	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

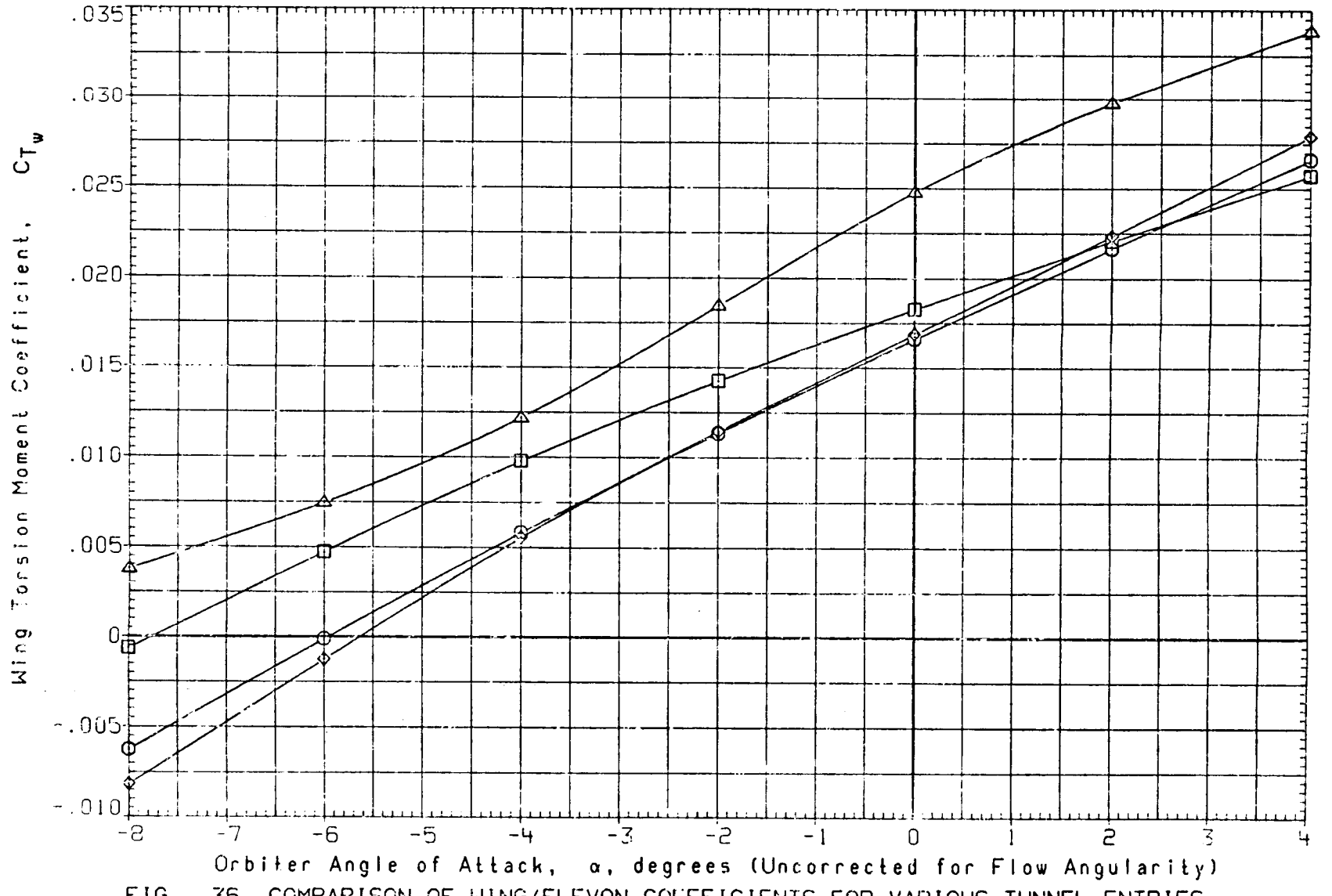


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW25	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U9NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

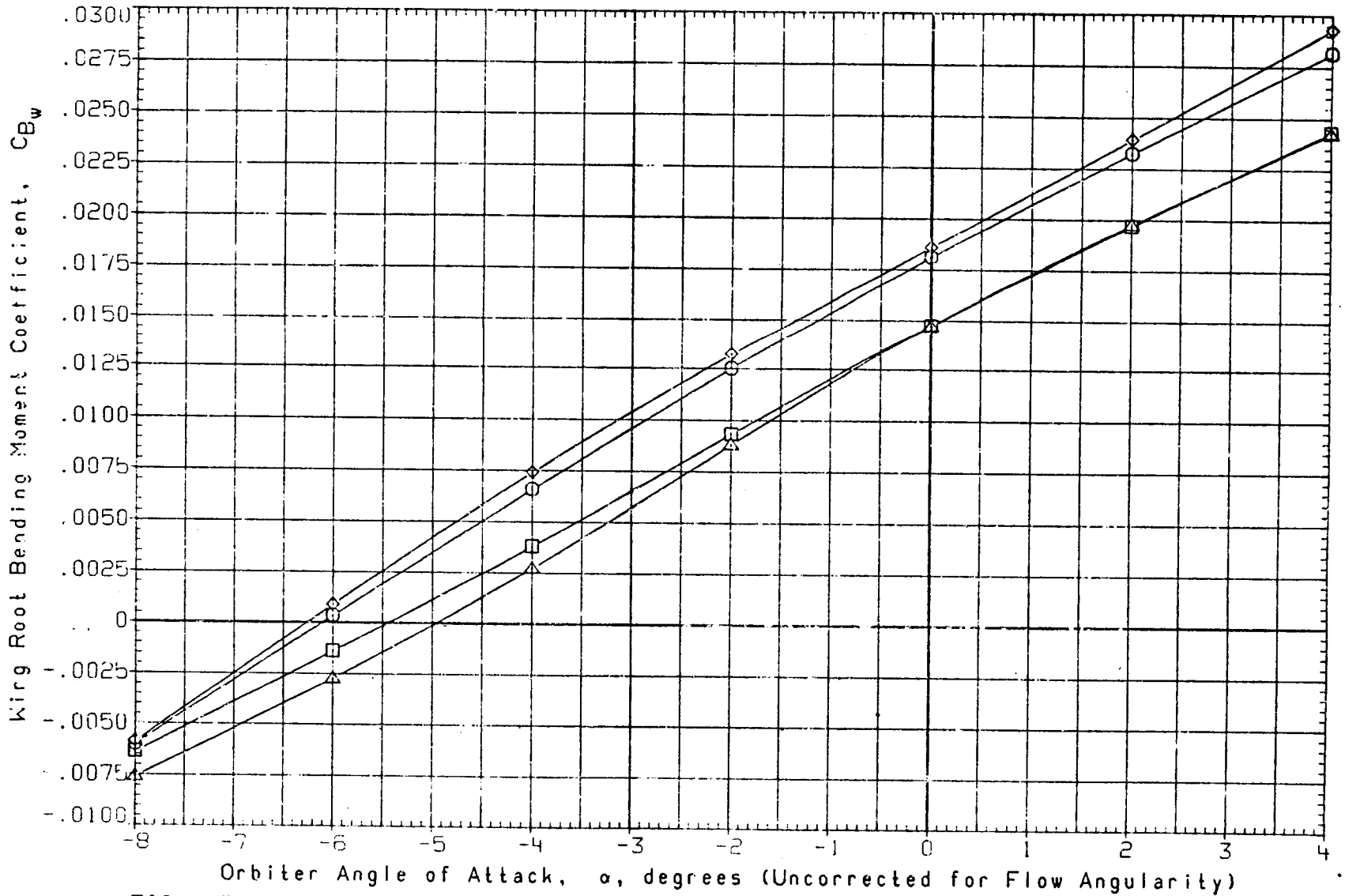


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

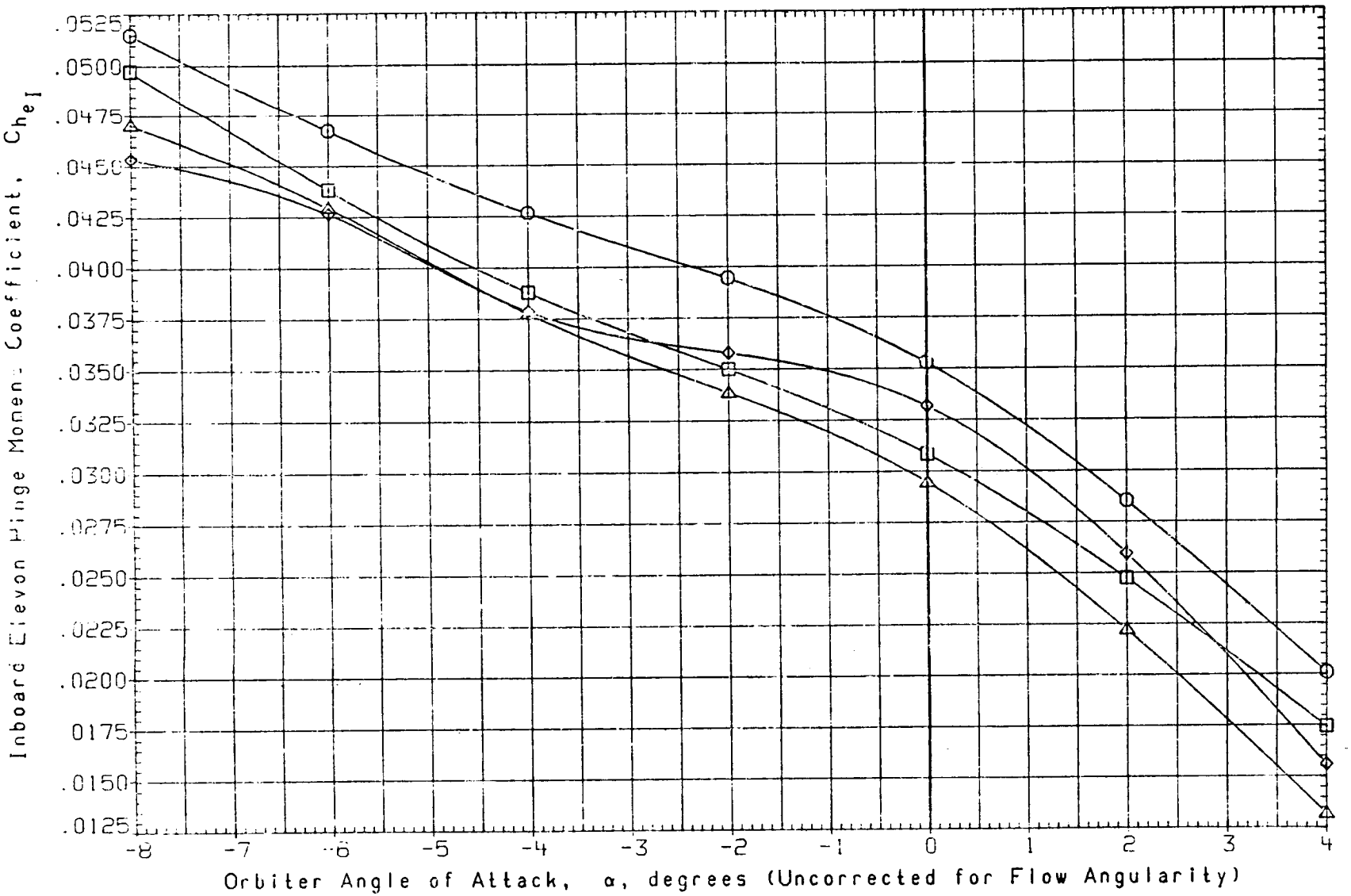


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OWO5	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

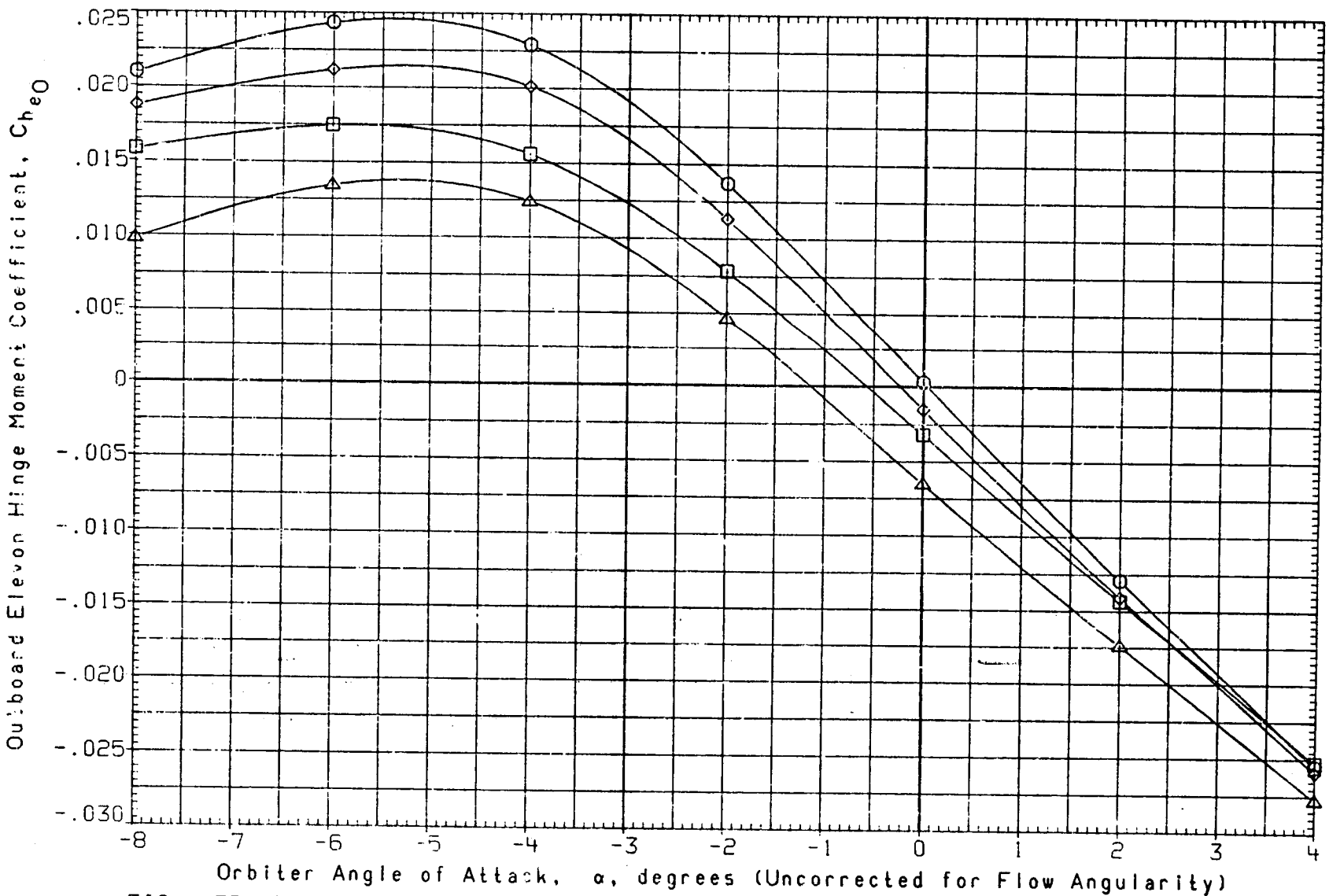


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
0B0W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
0BPW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
0BMW41	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
0BNW46	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

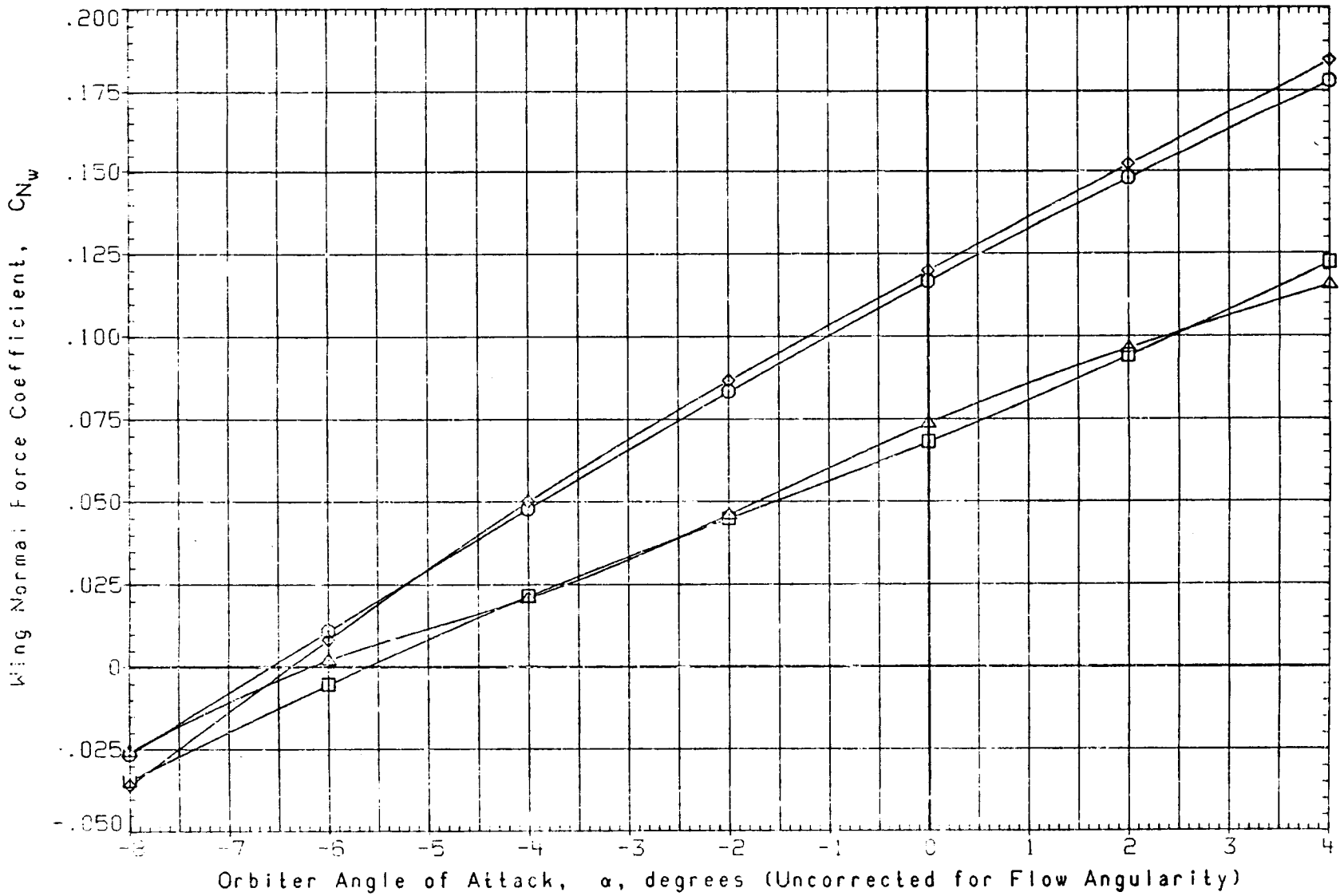


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

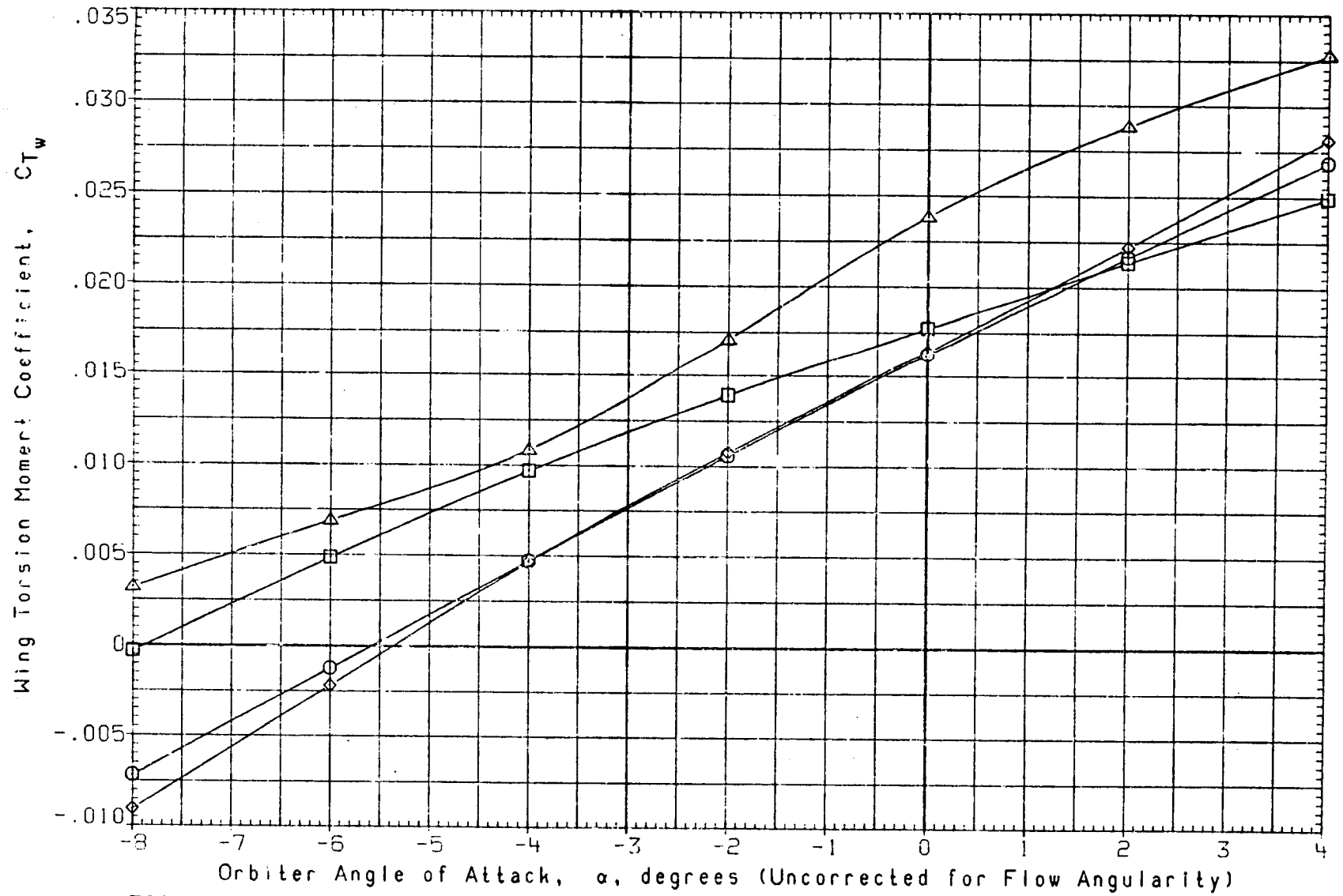


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
OBDW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
OBPW16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
OBMW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
OBNW48	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

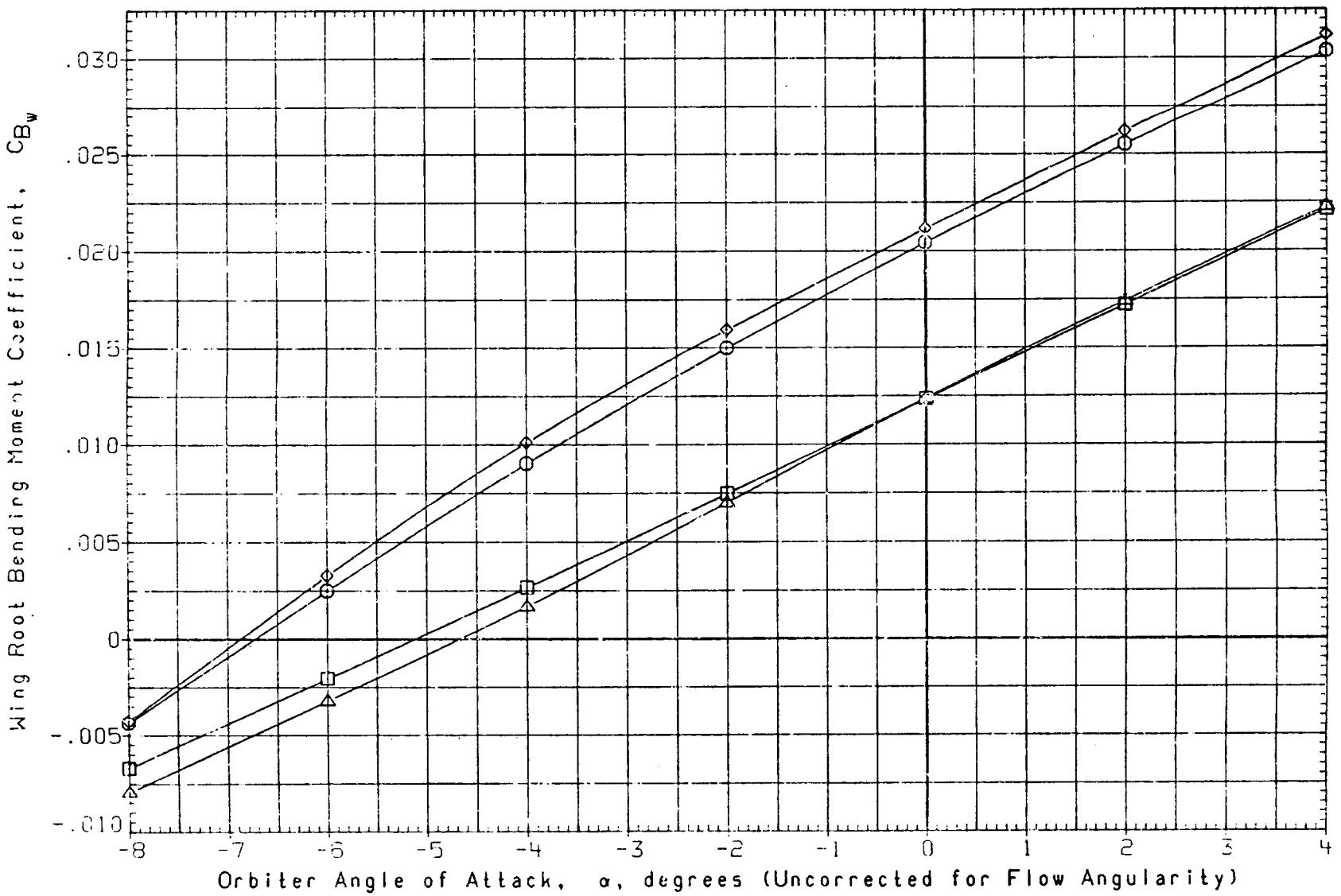


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PW18	□	IA183,ALPHA/BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

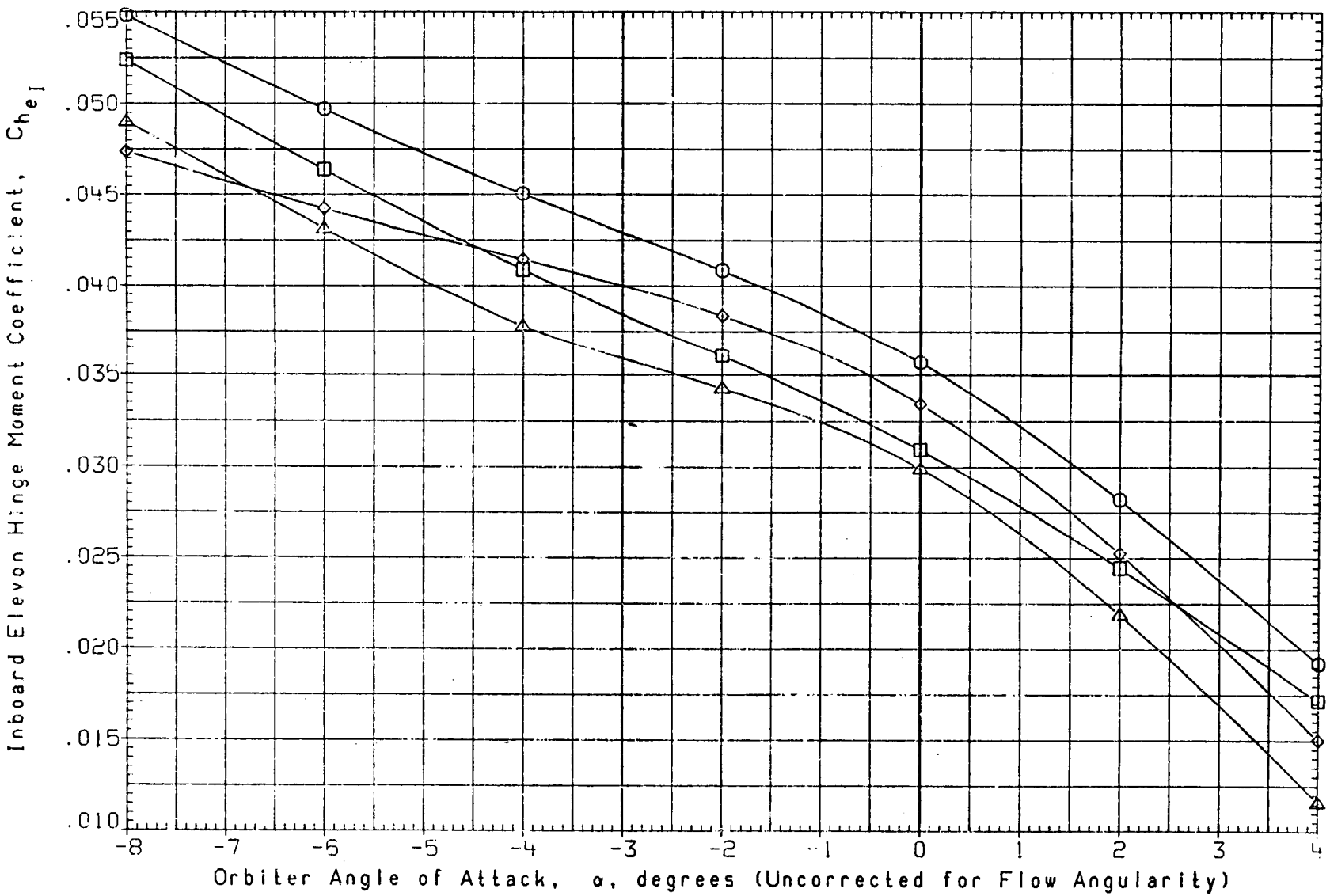


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

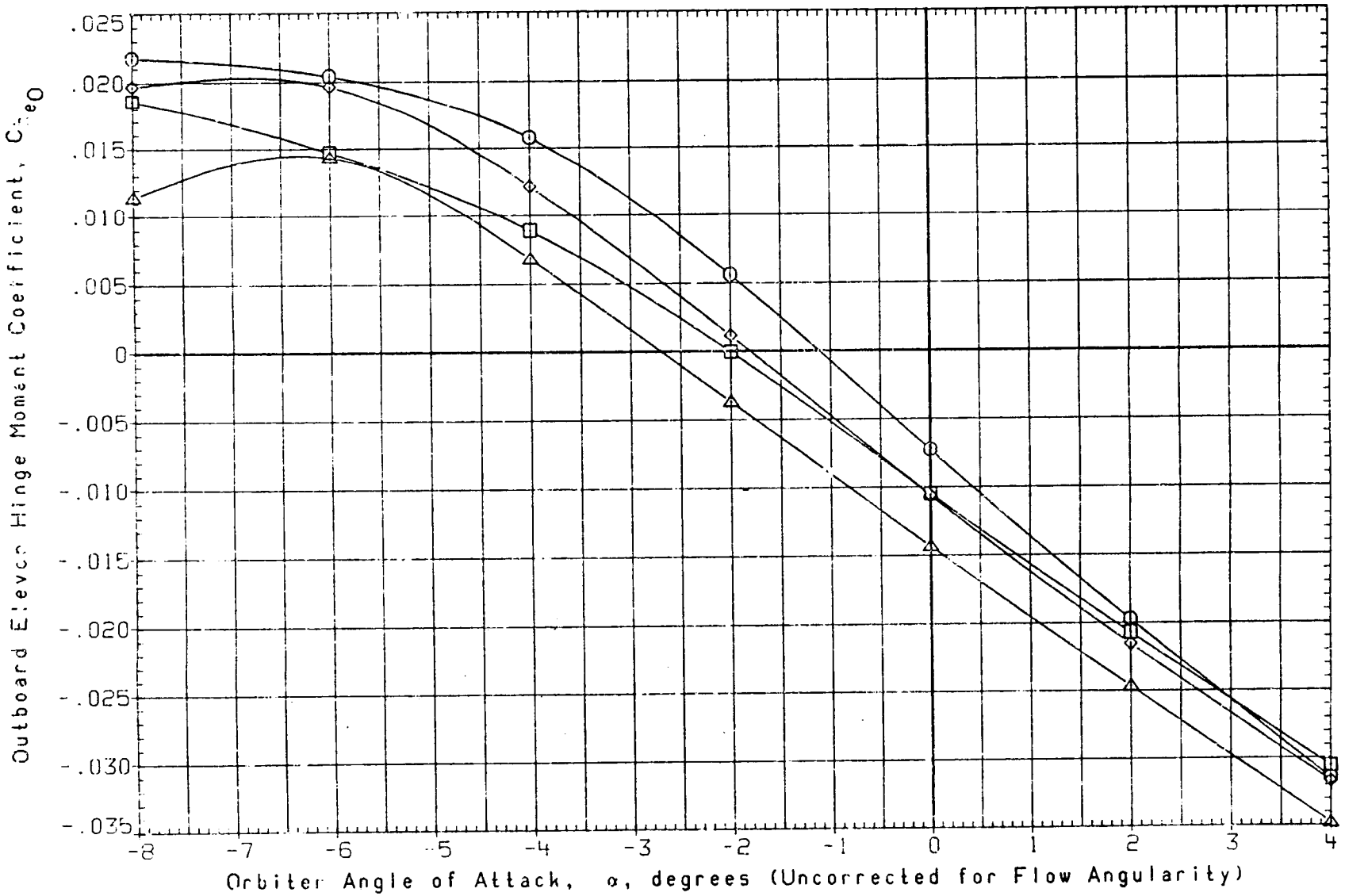


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

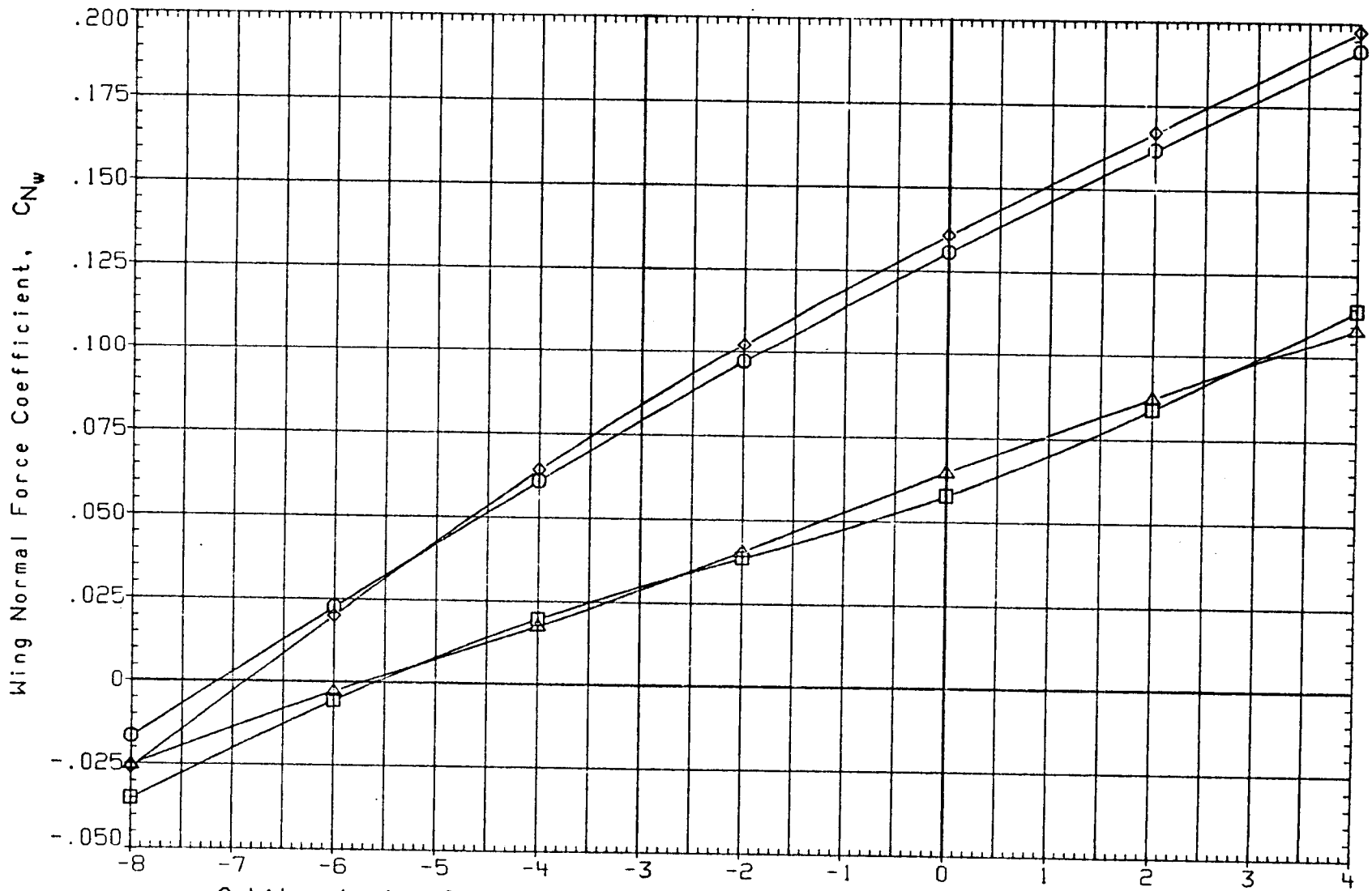


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8[illegible]	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

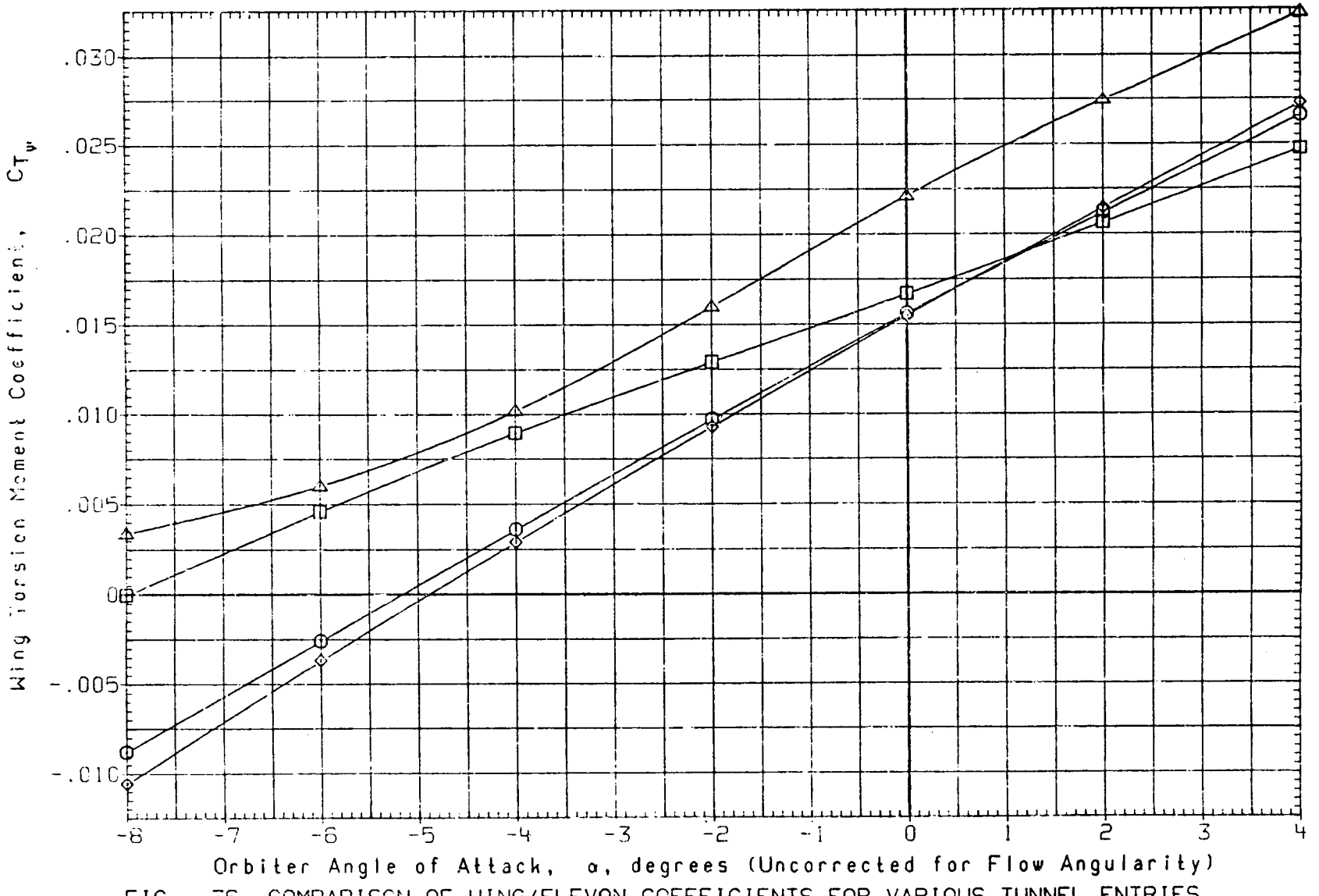


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA102 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

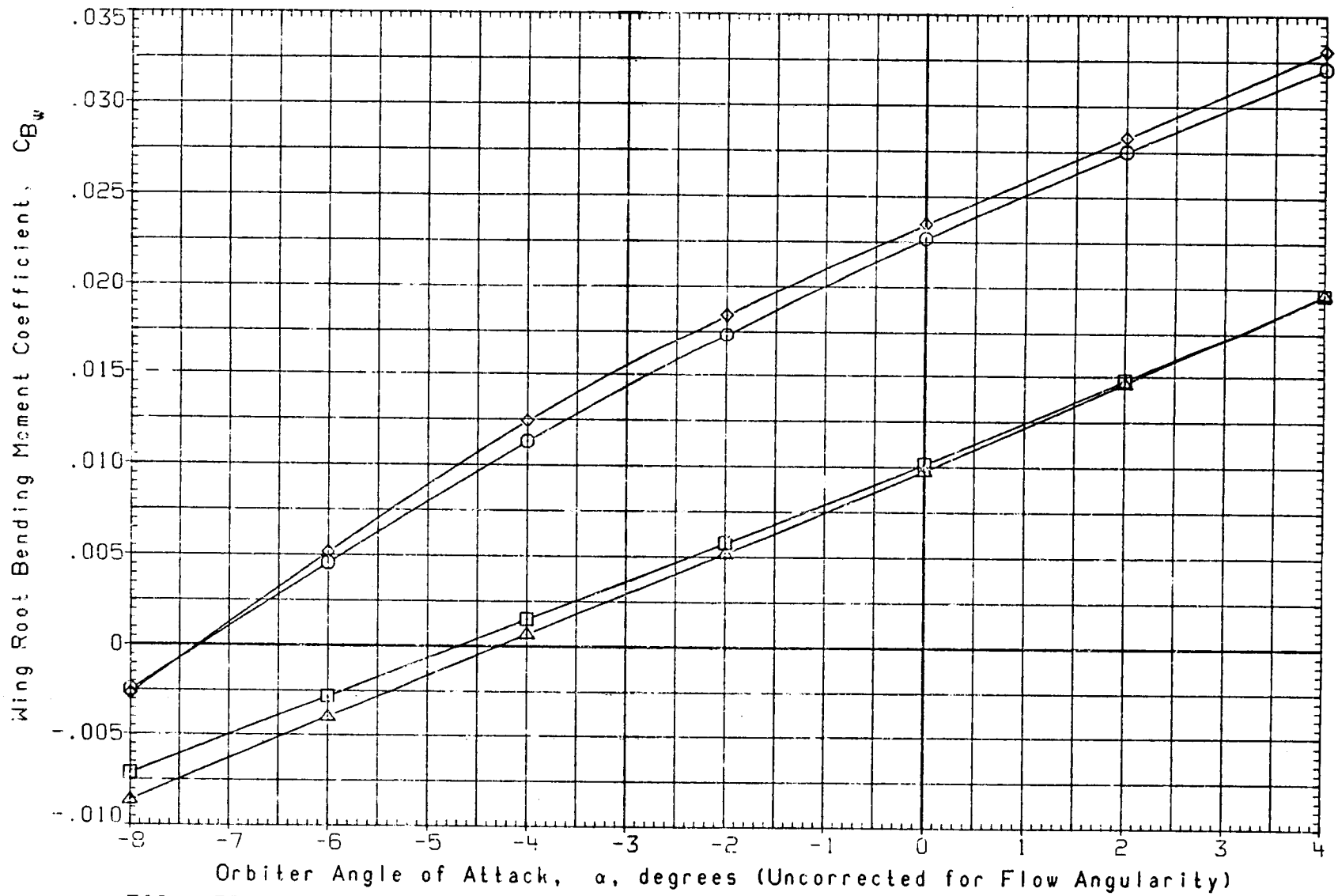


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW05	○	IA162 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PW18	□	IA193,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8MW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA1F6A,OTS ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

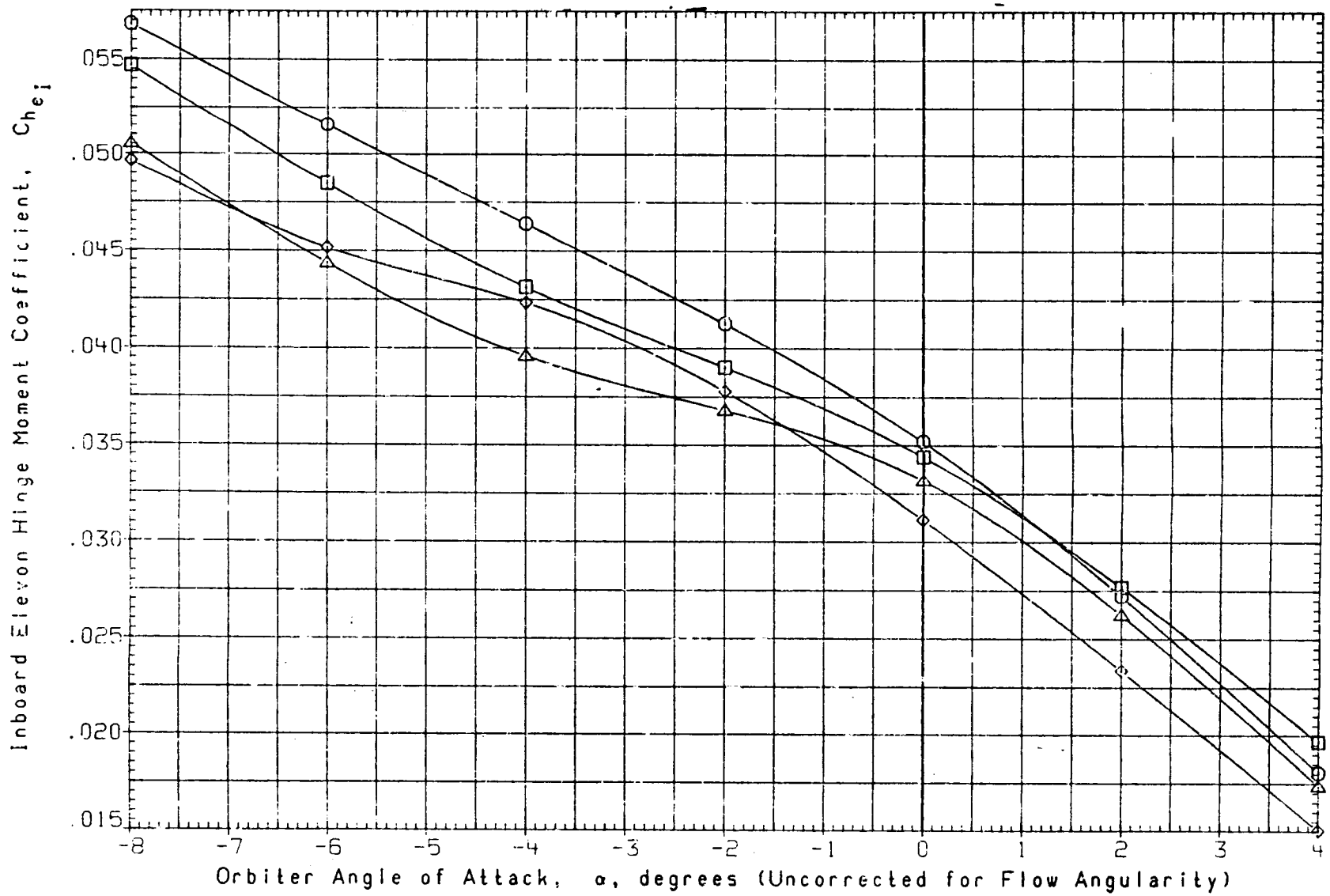


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PW18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.150	10.000	5.000
U8NW41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NW48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

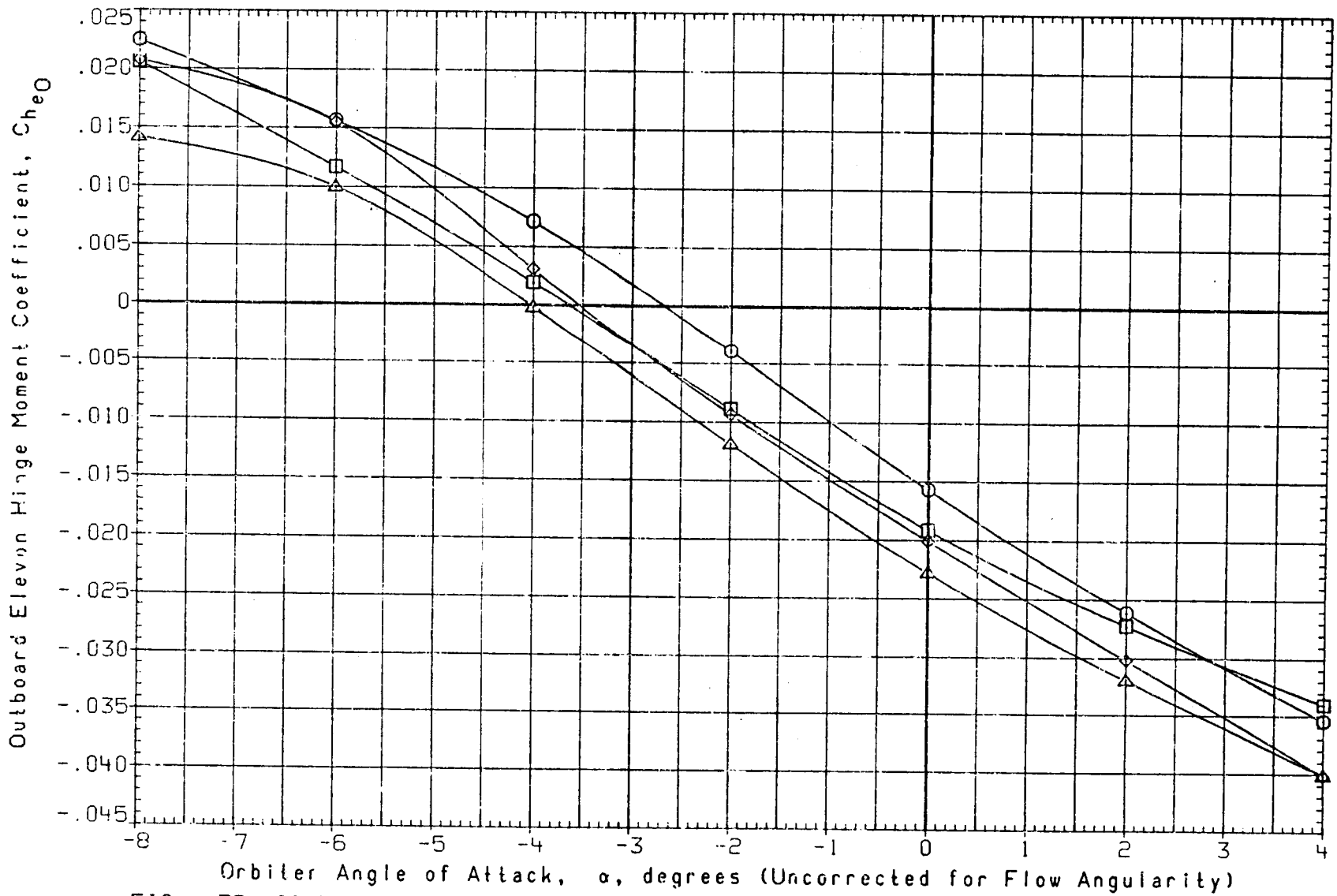


FIG. 36 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
C8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

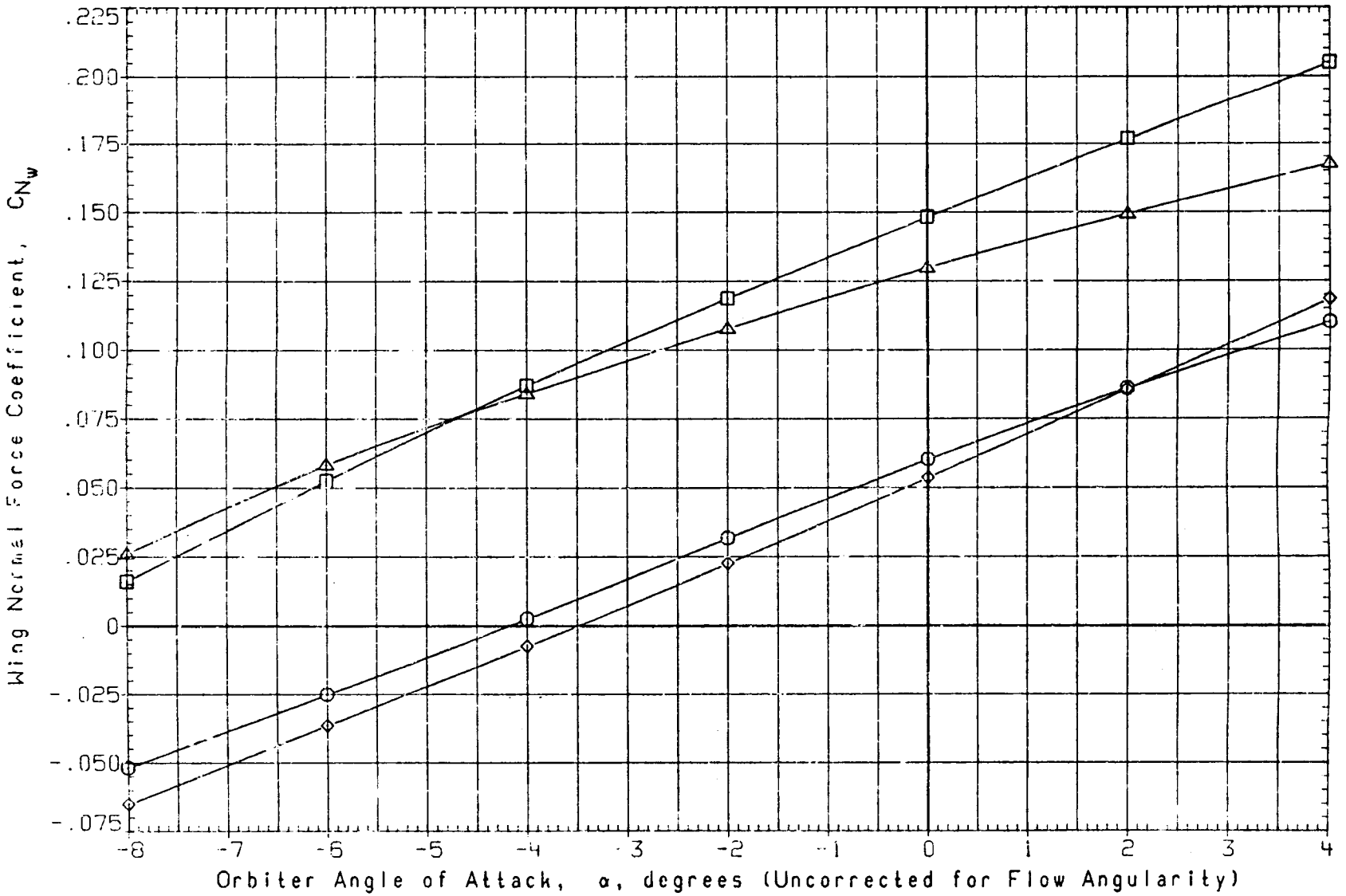


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
08PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
USNW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

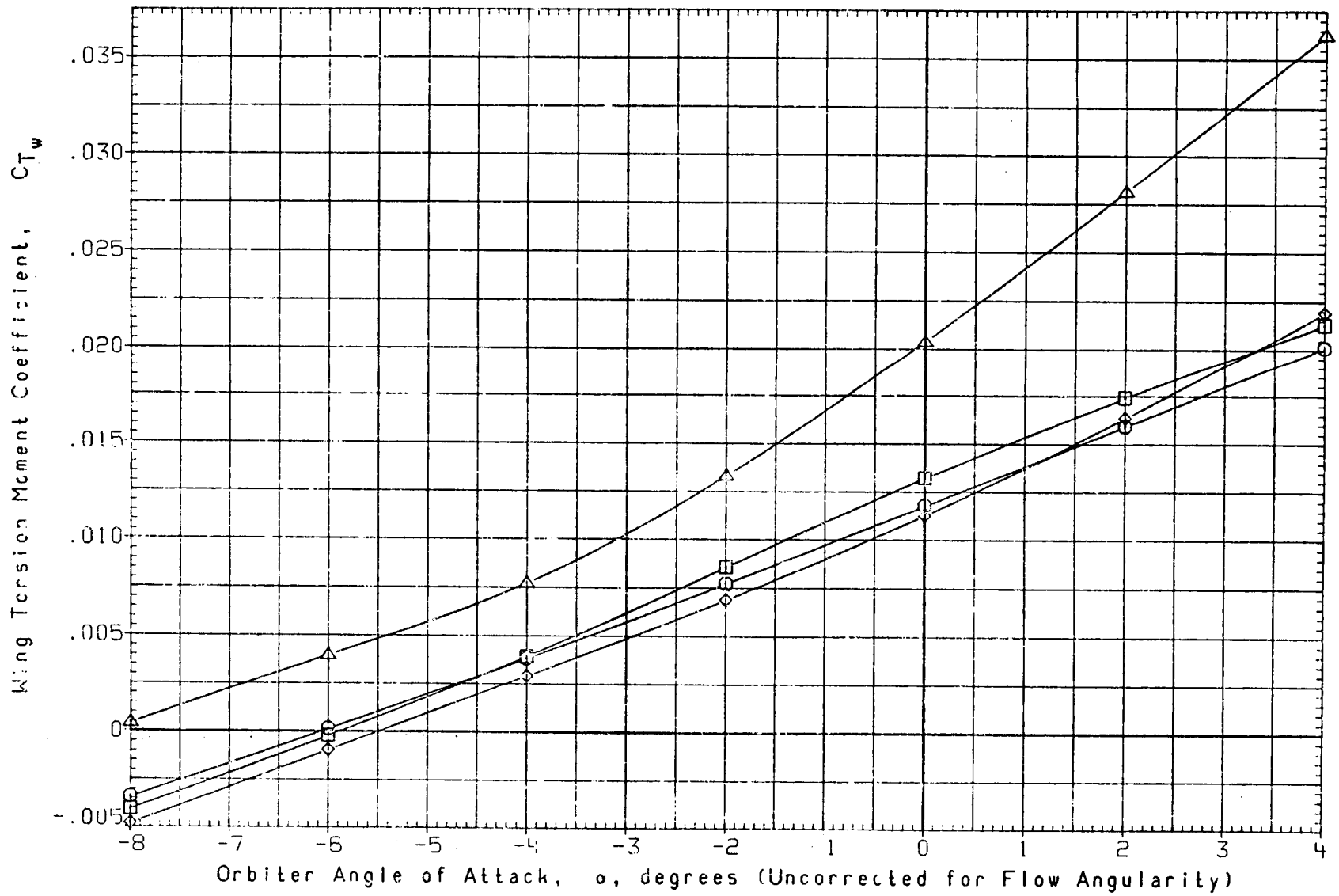


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

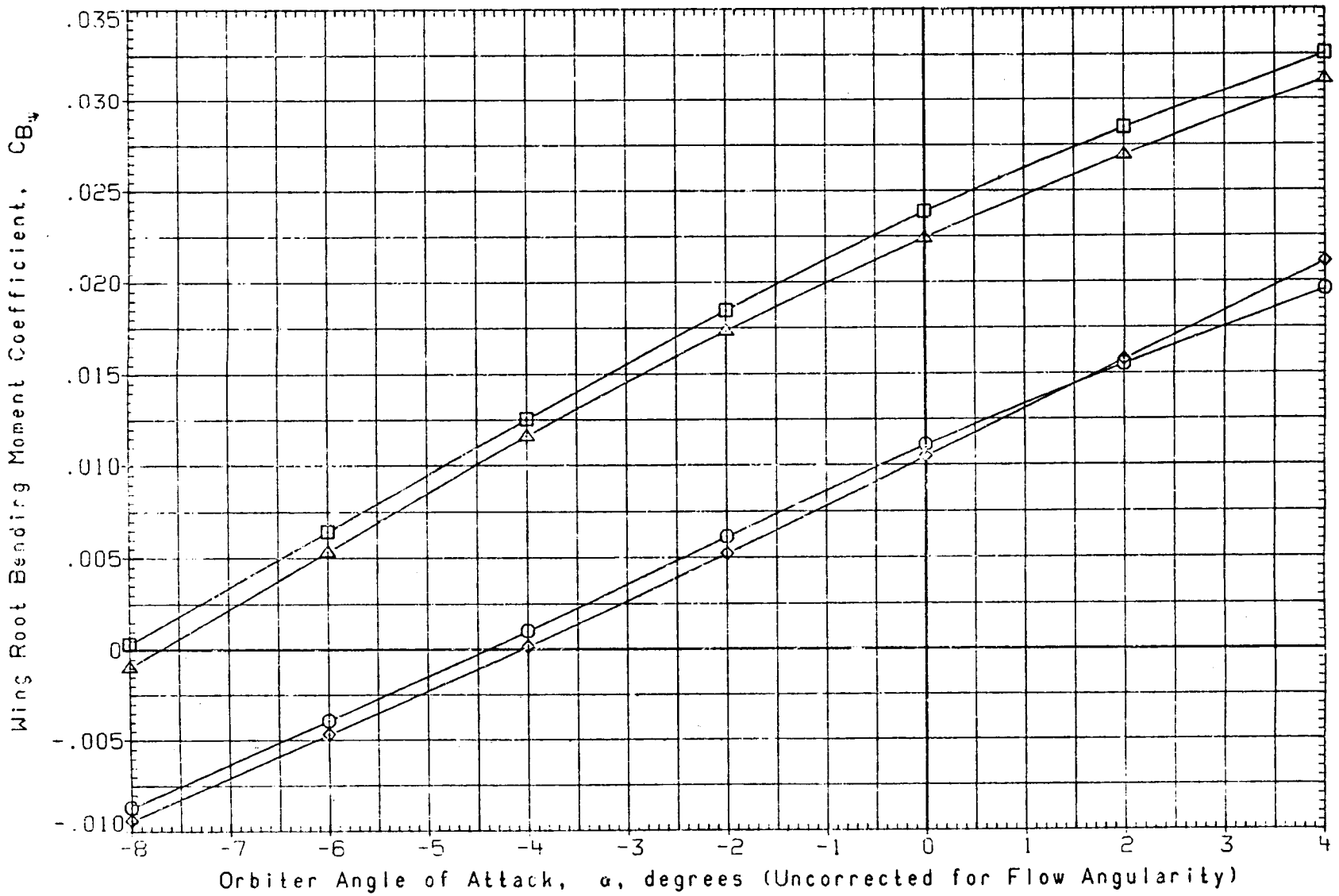


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA155A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

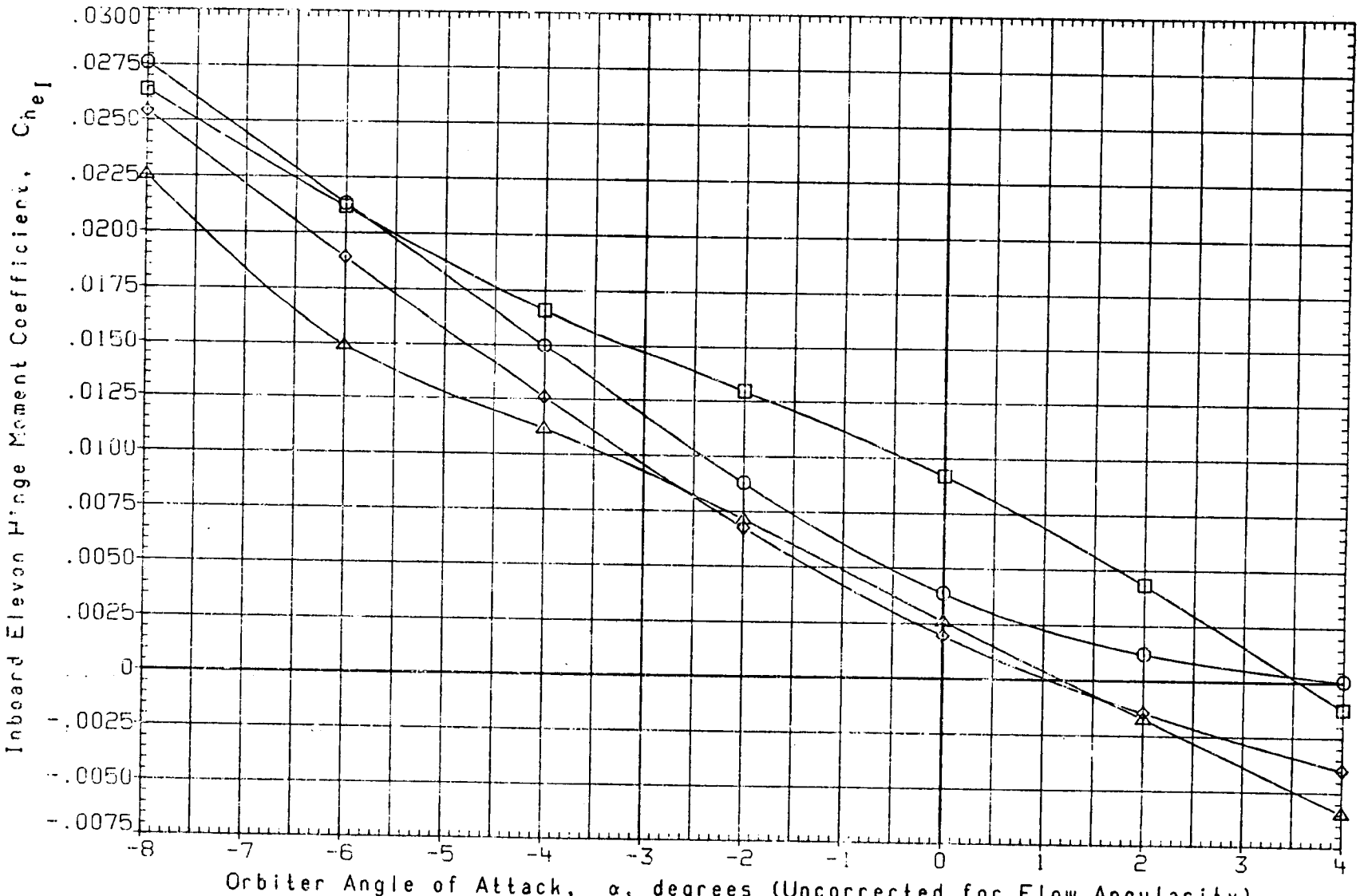


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW35	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

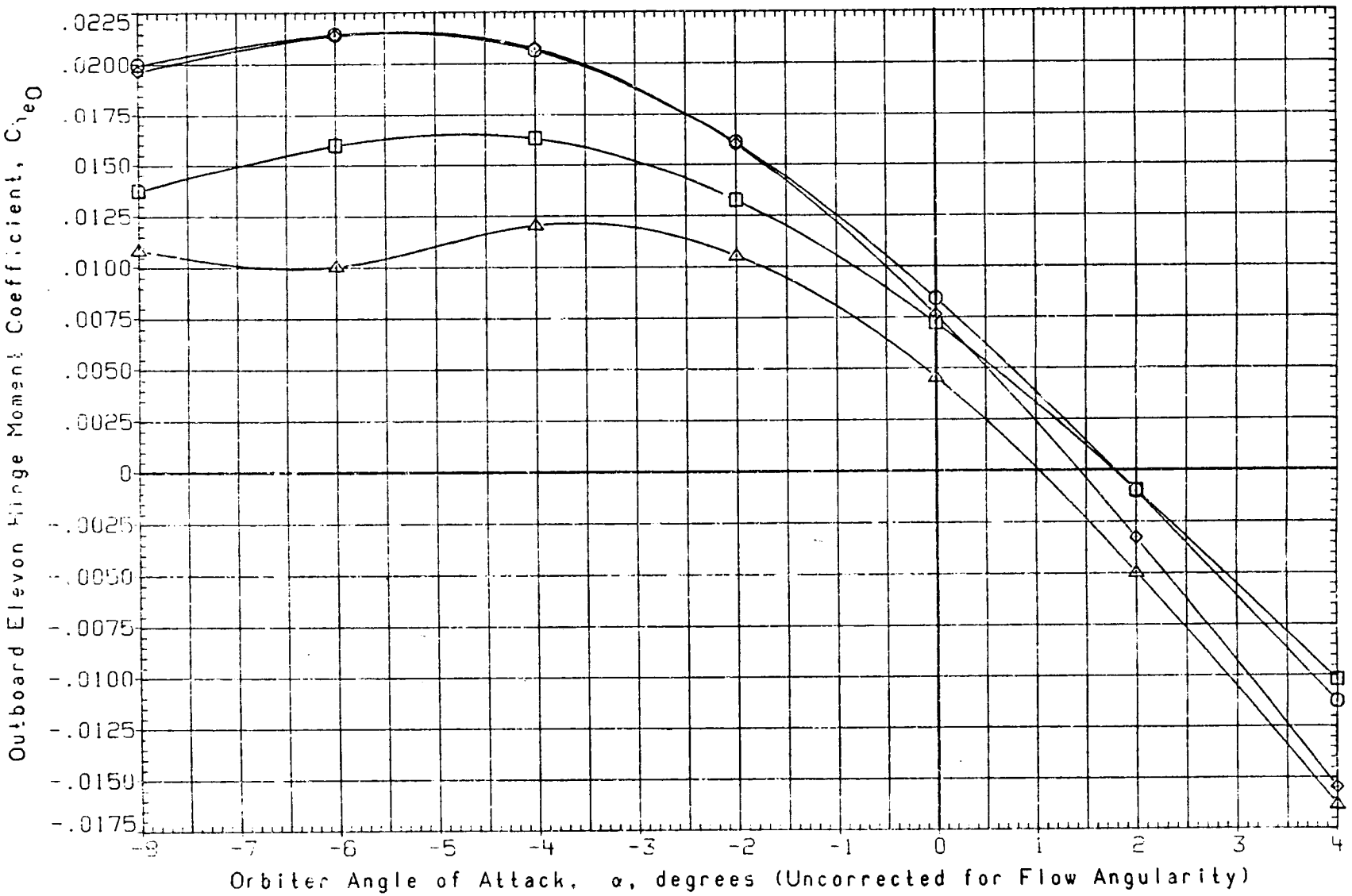


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA-BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PN19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

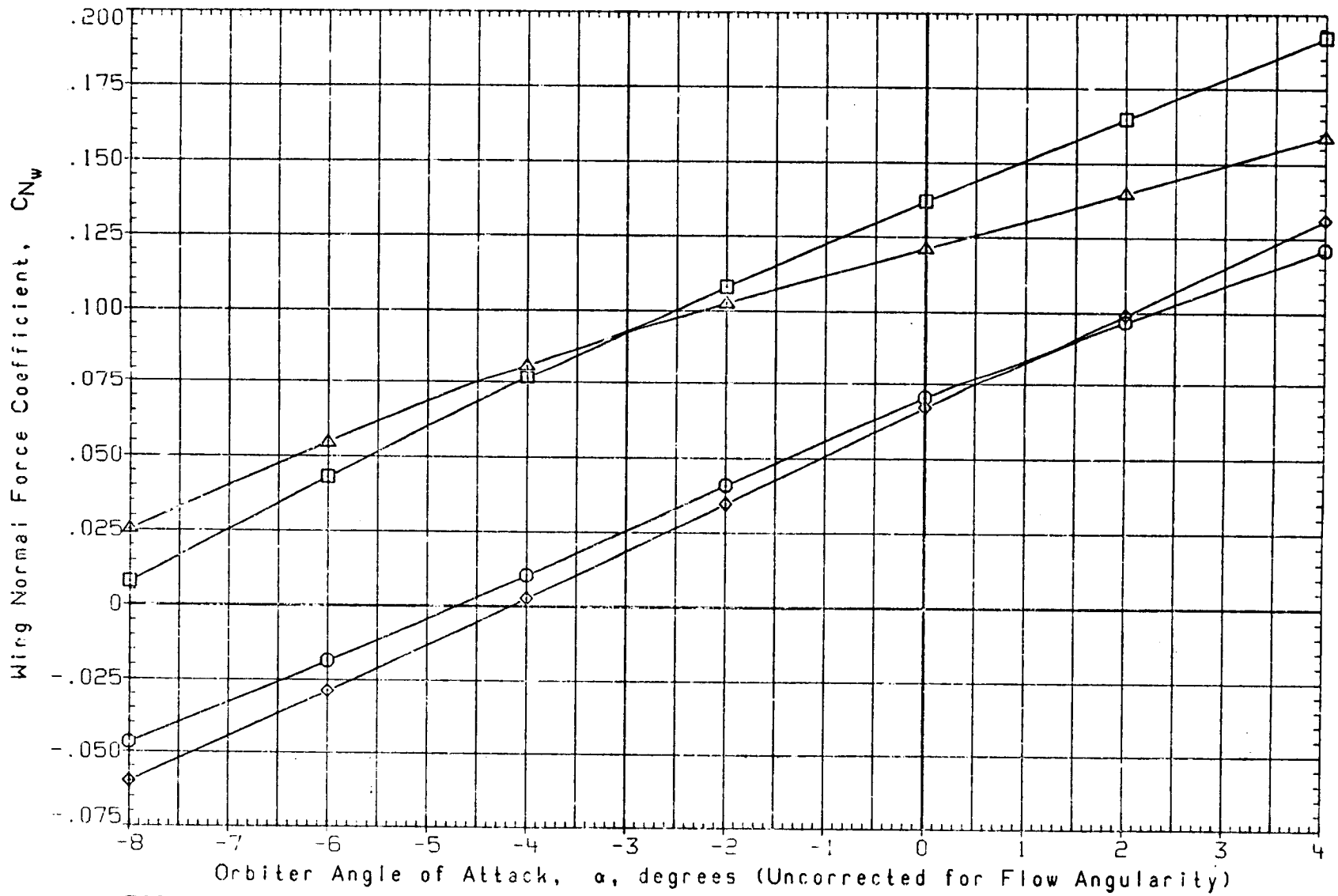


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

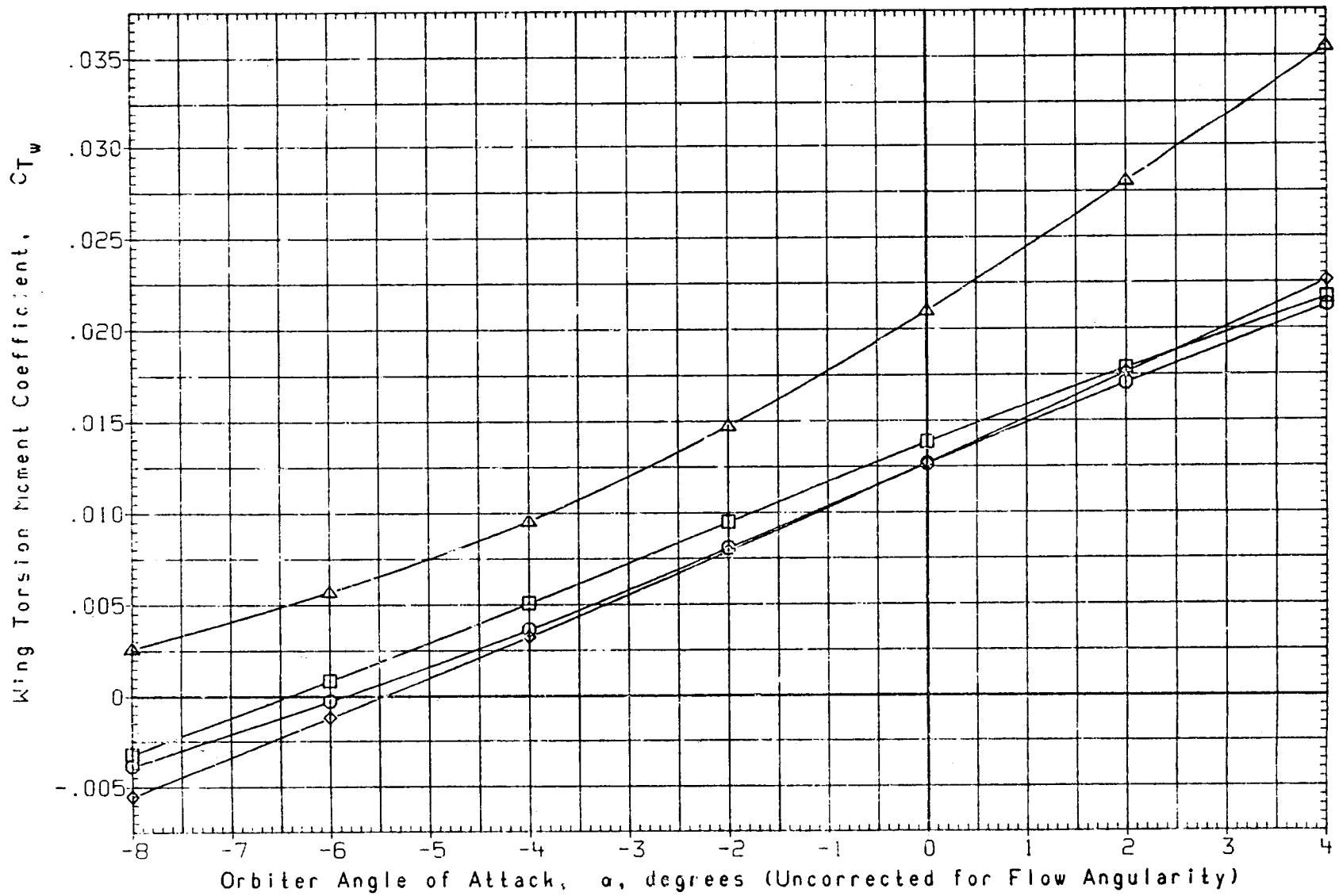


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
C8PW19	□	IA193,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW19	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

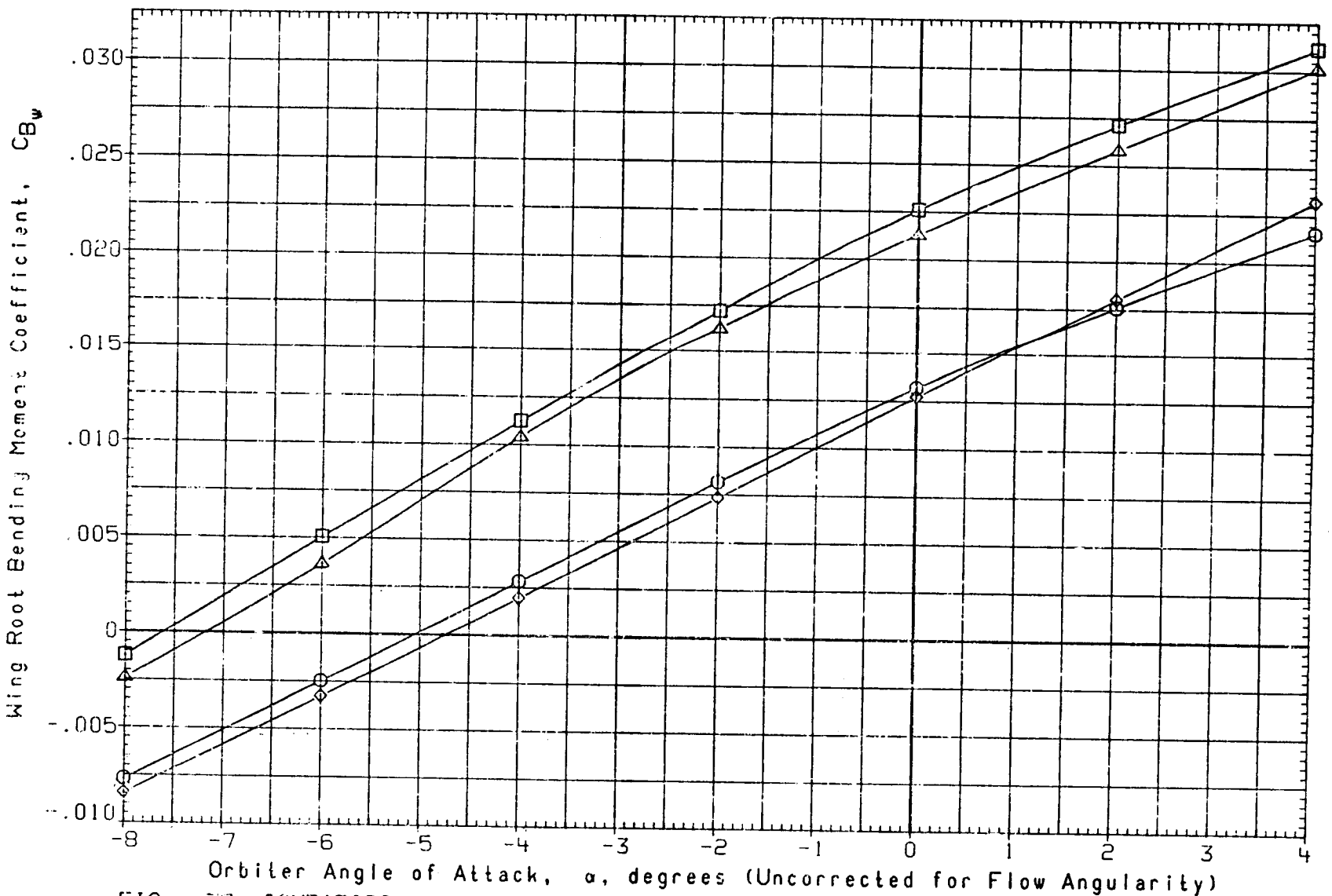


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

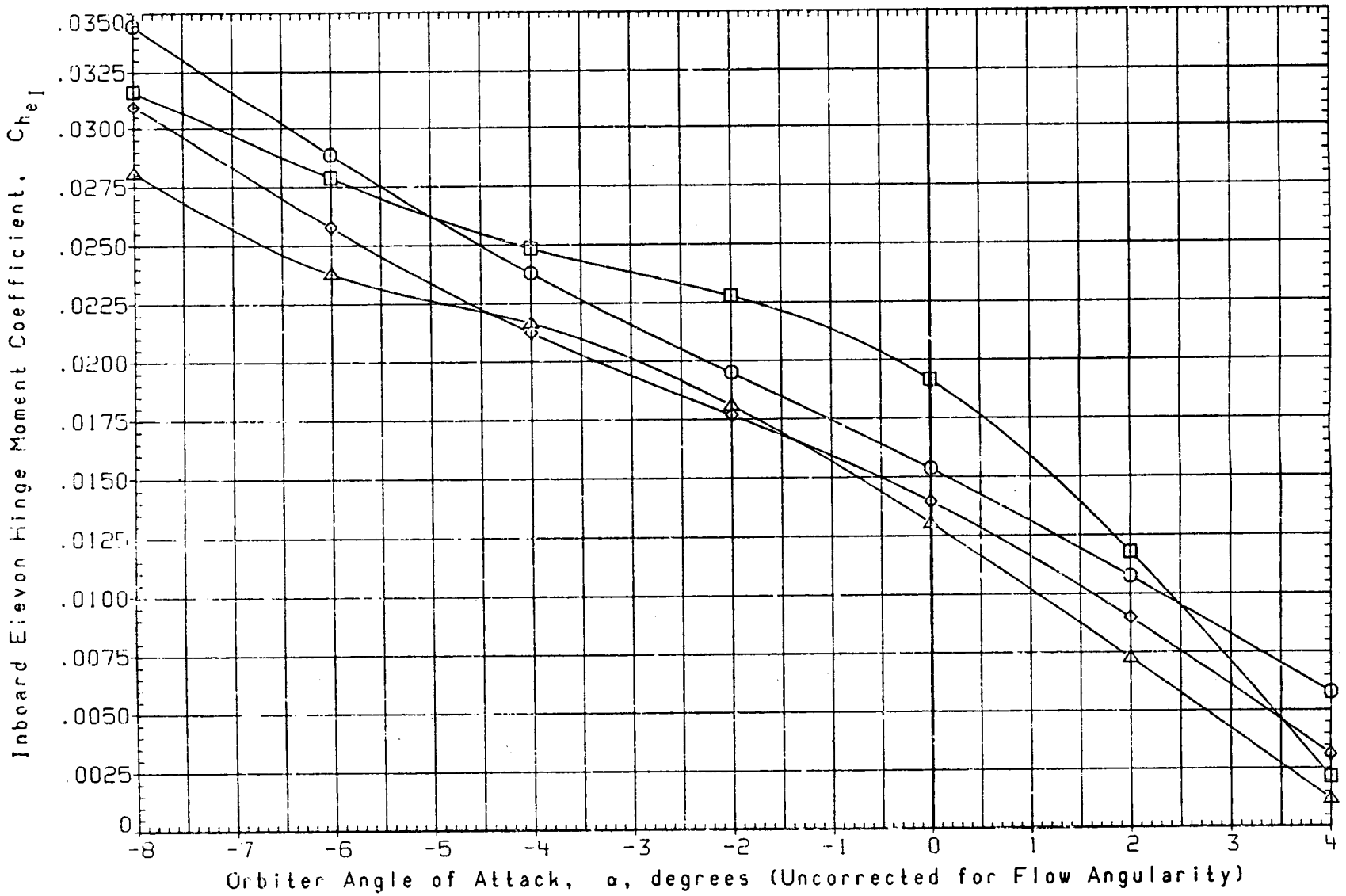


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

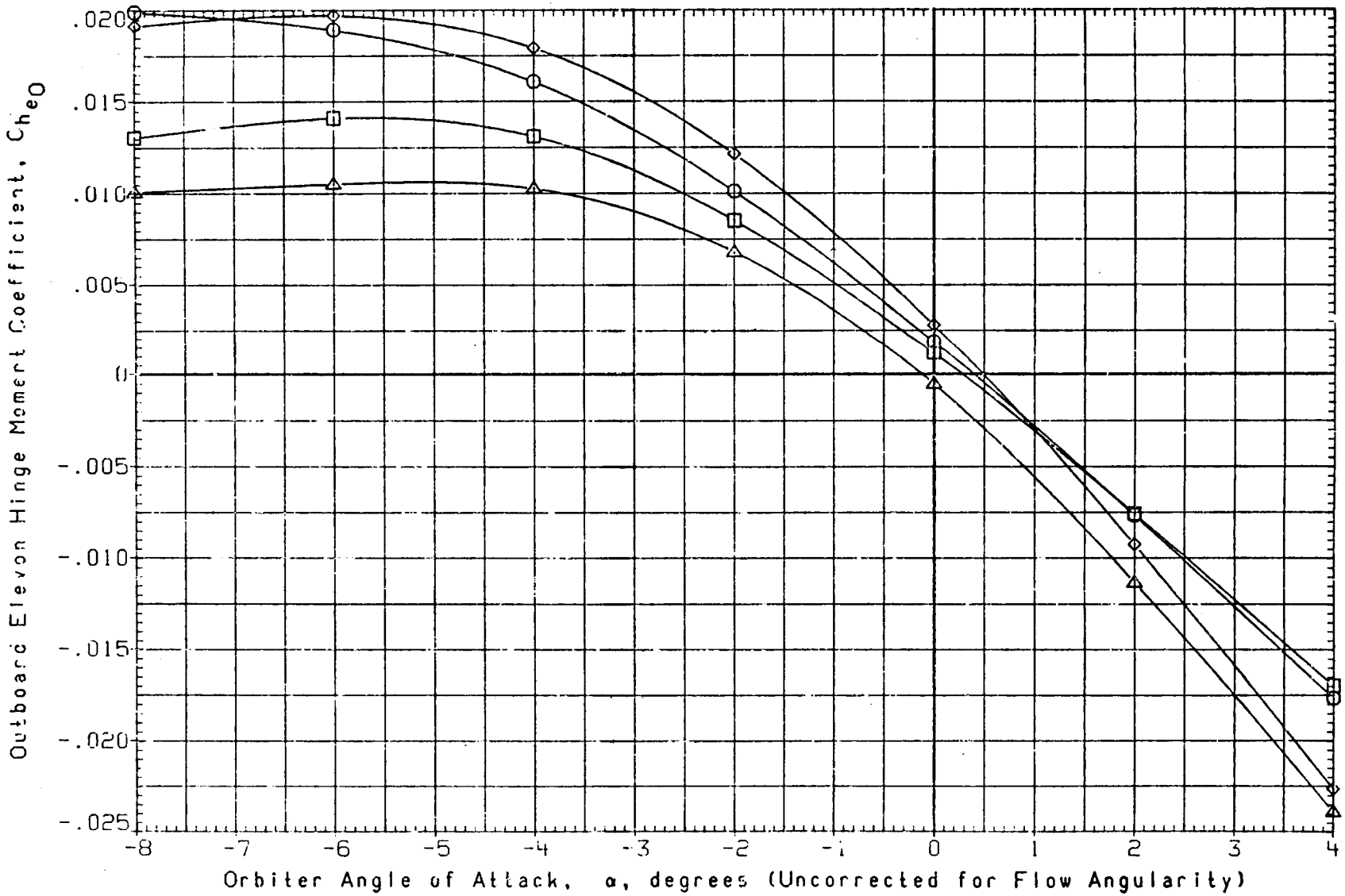


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

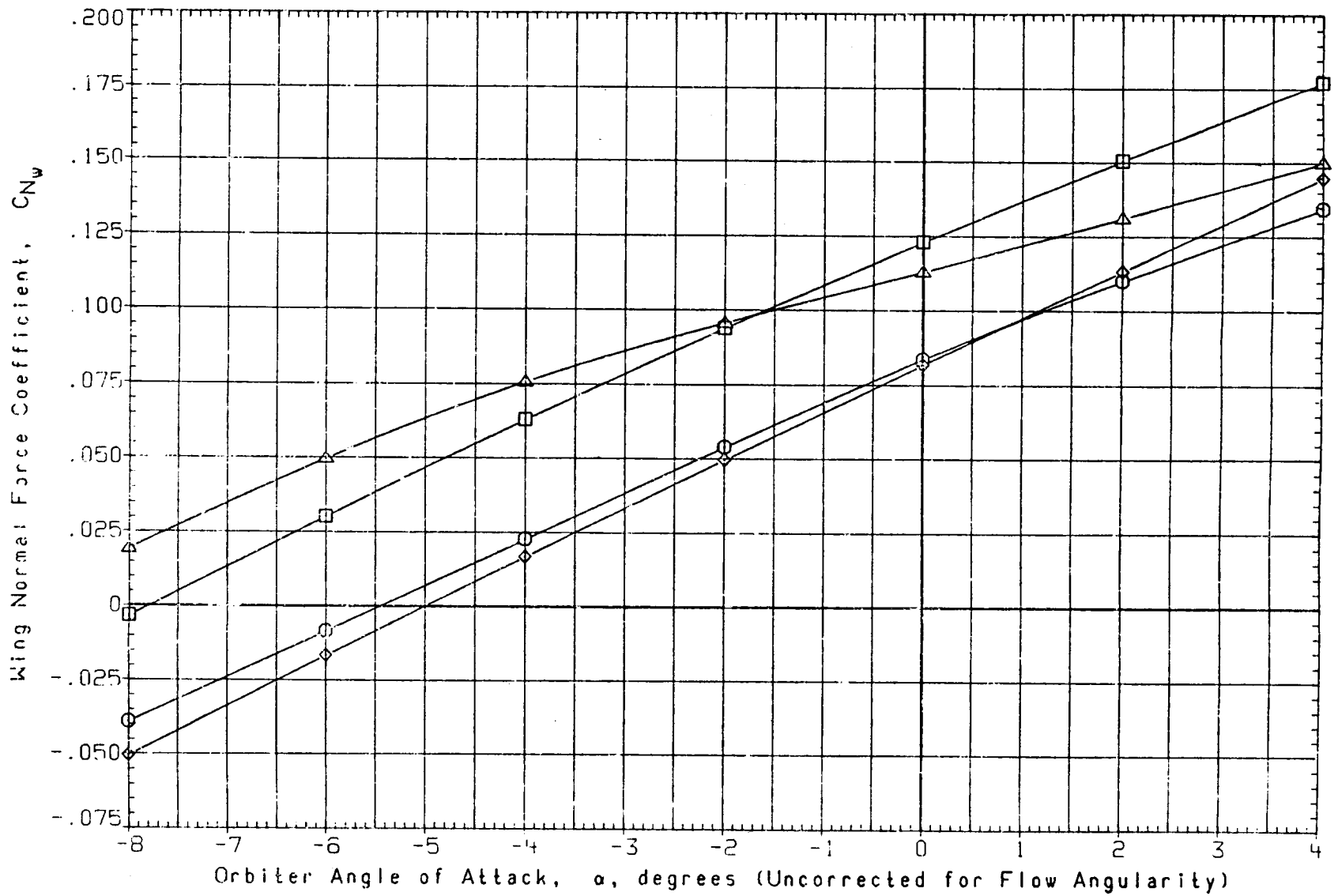


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

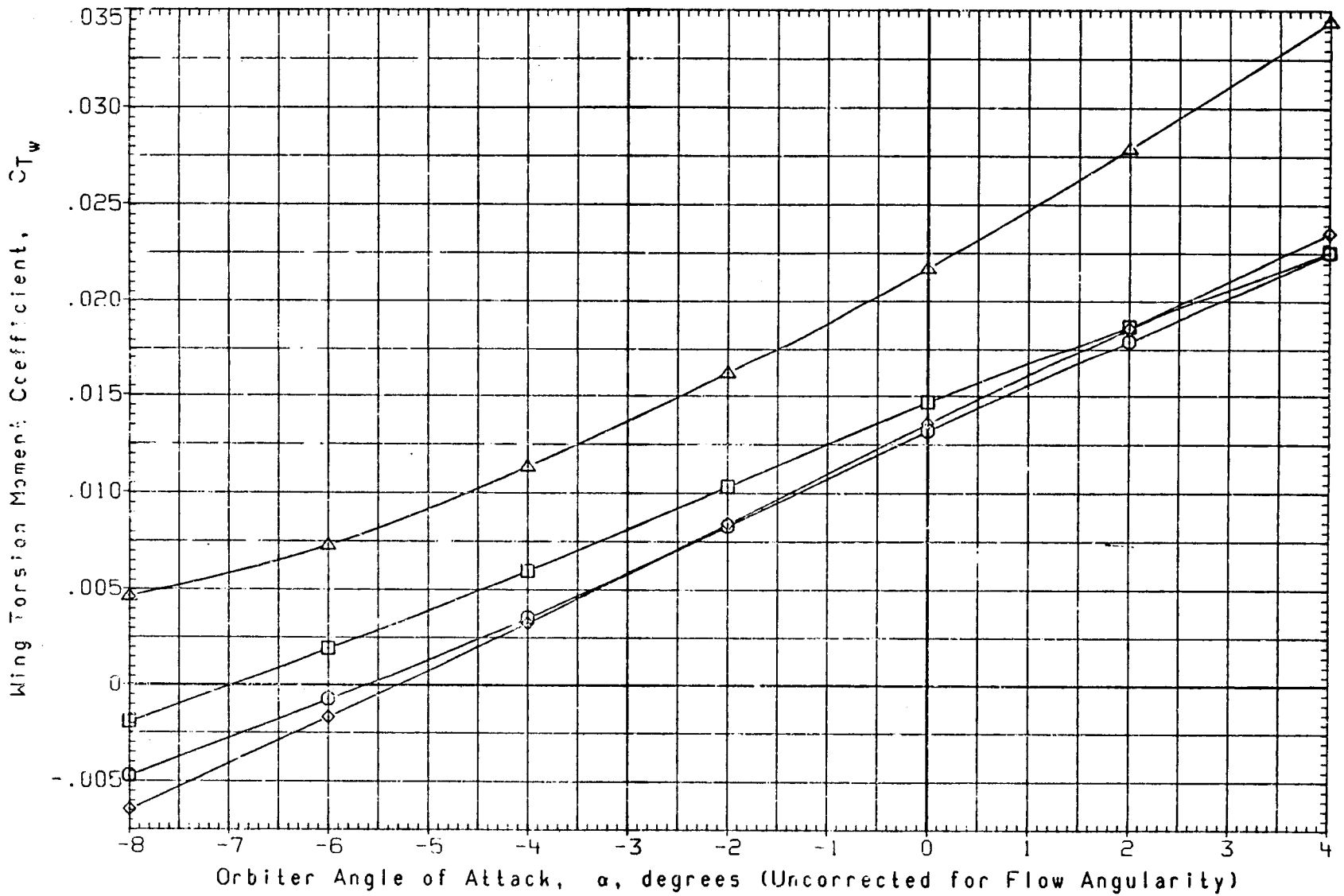


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9CW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

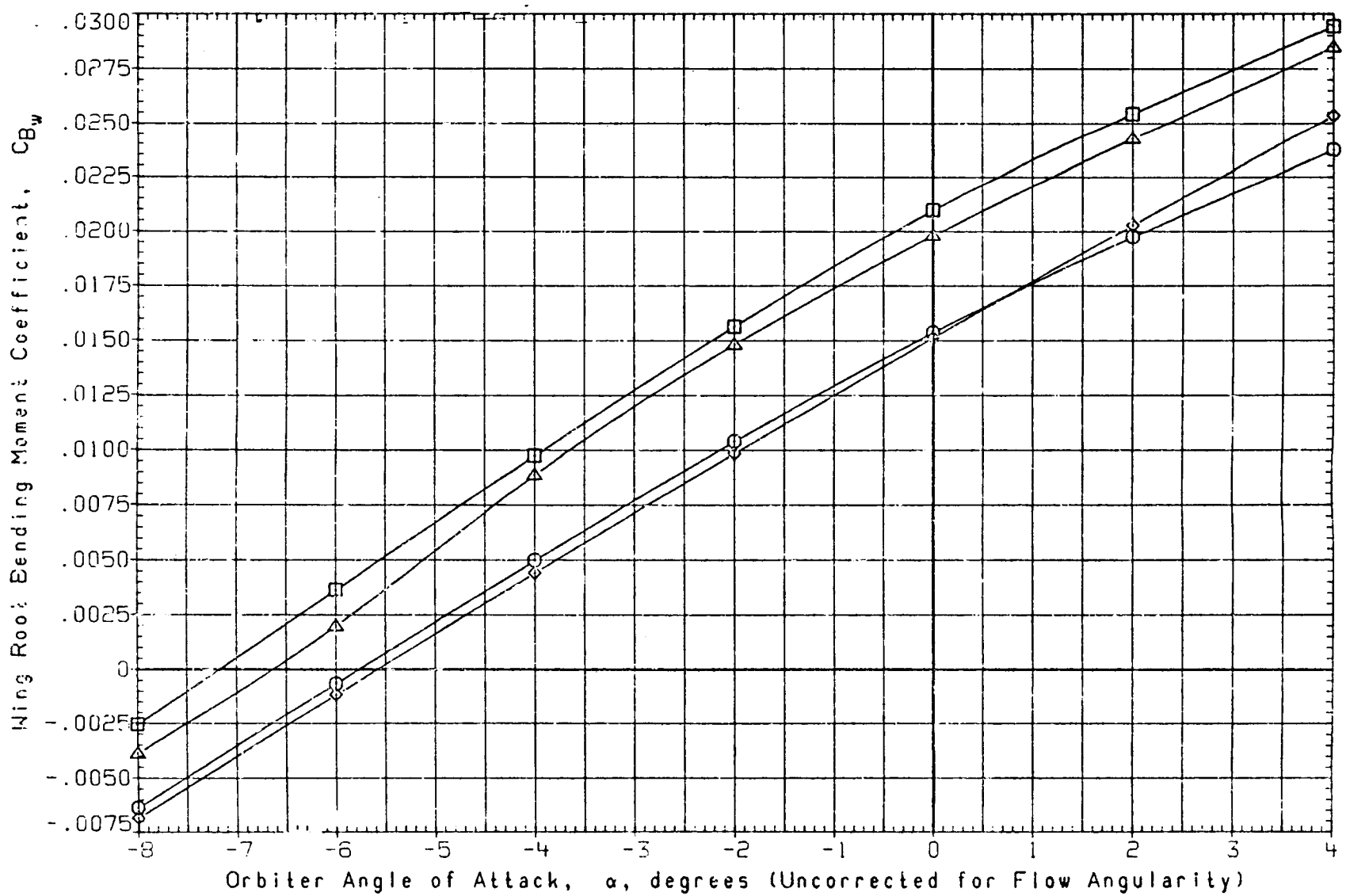


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA122 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U9NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

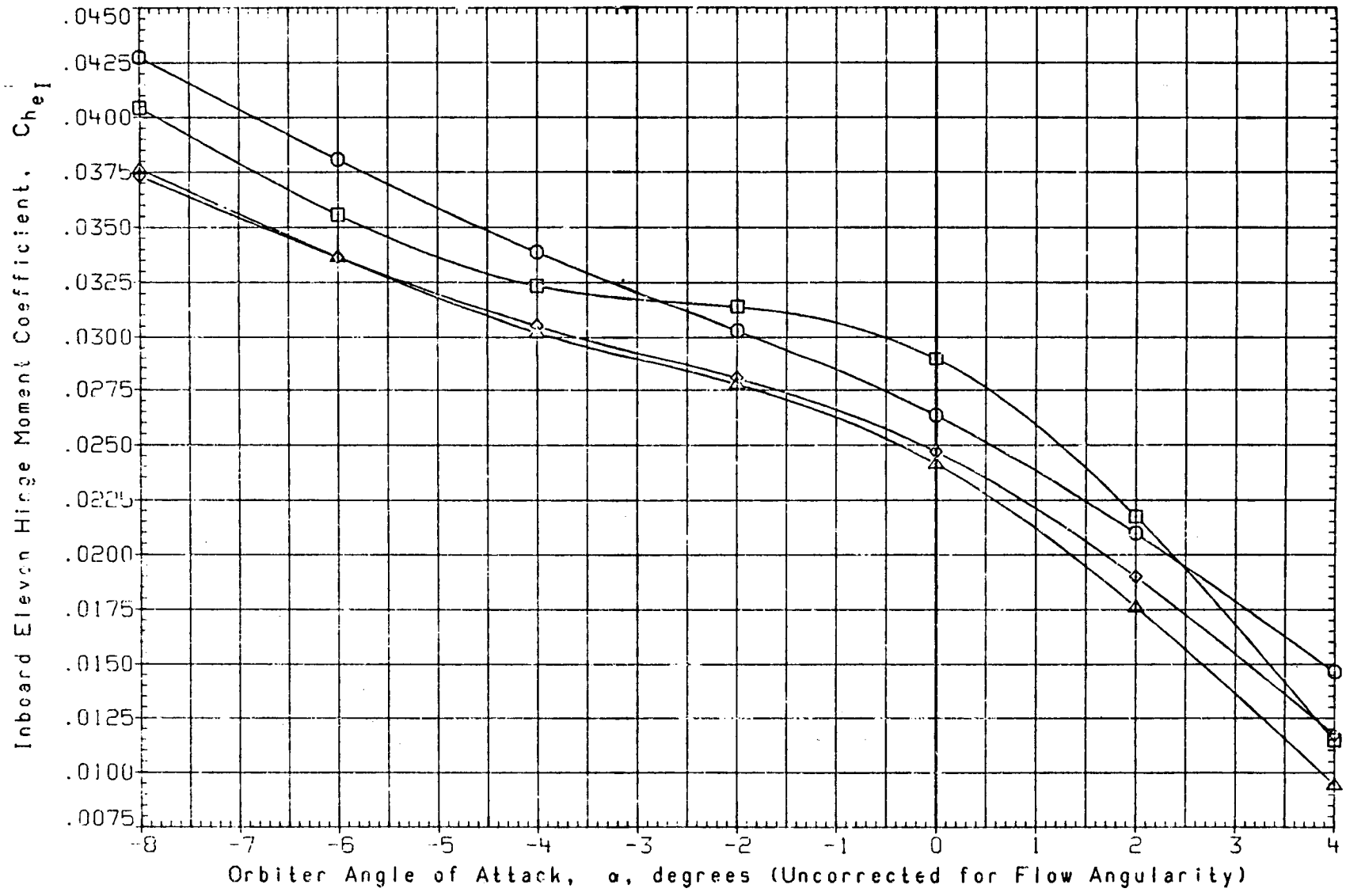


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

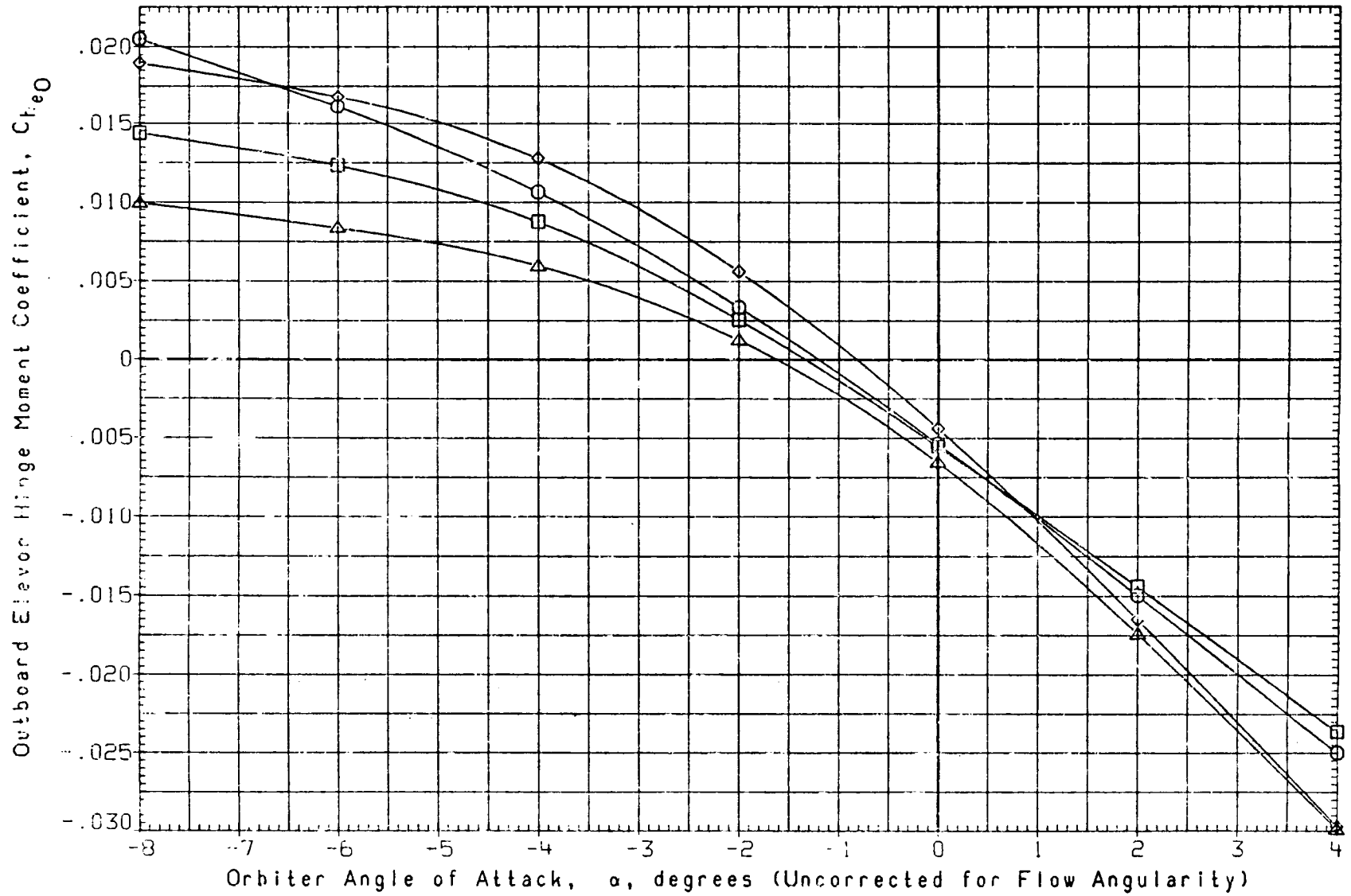


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

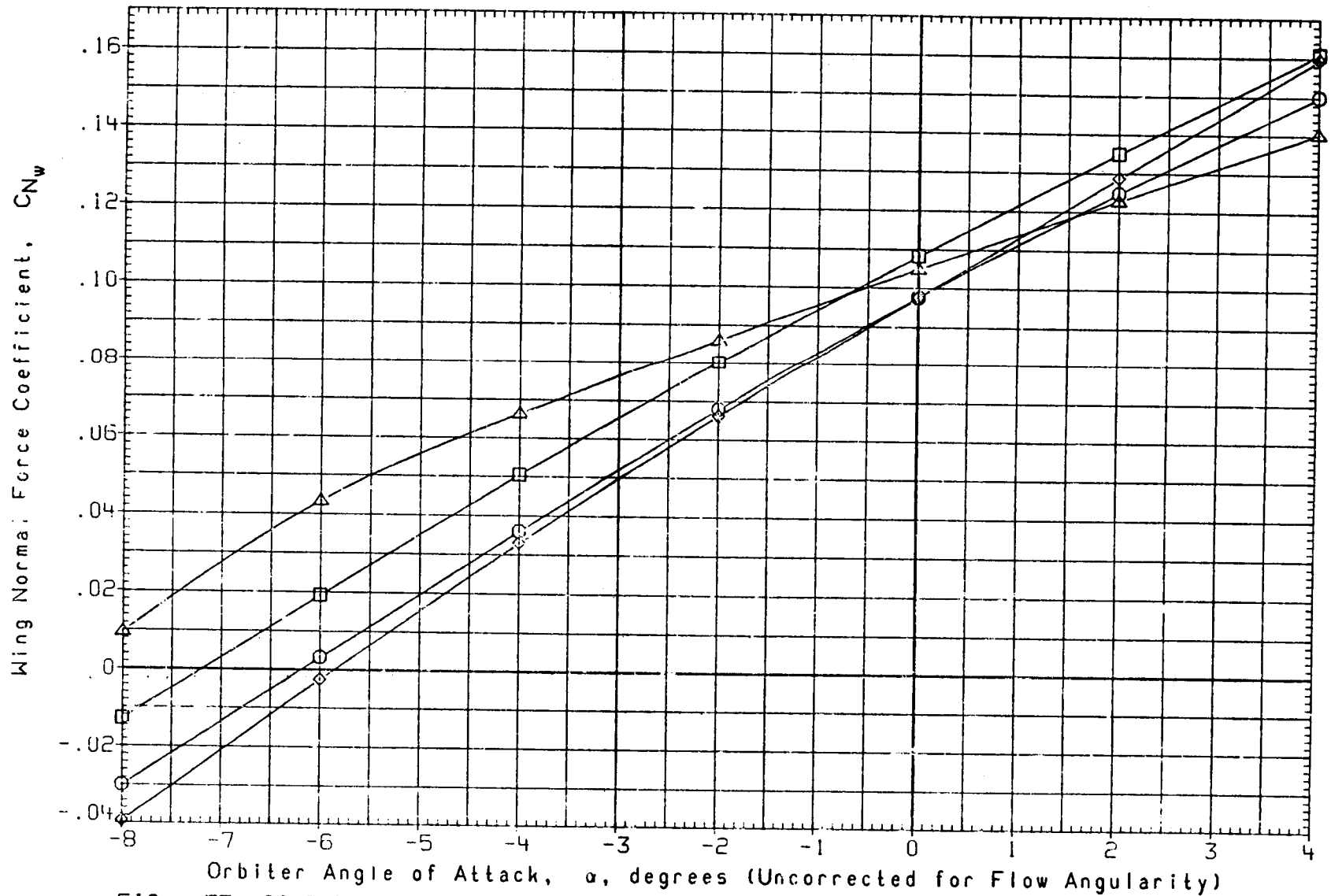


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA155A,OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

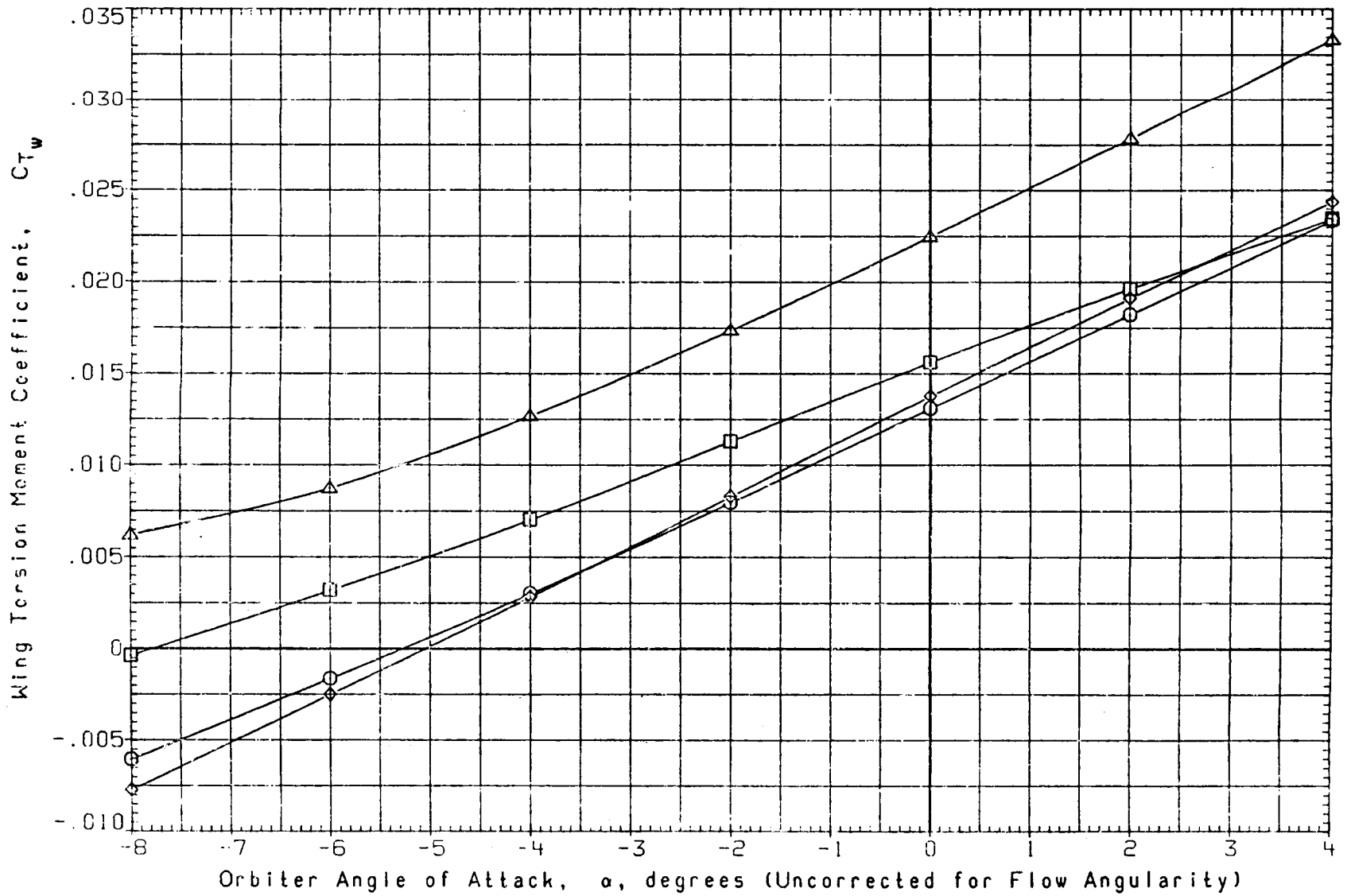


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
08PW19	□	IA193,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. W0/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

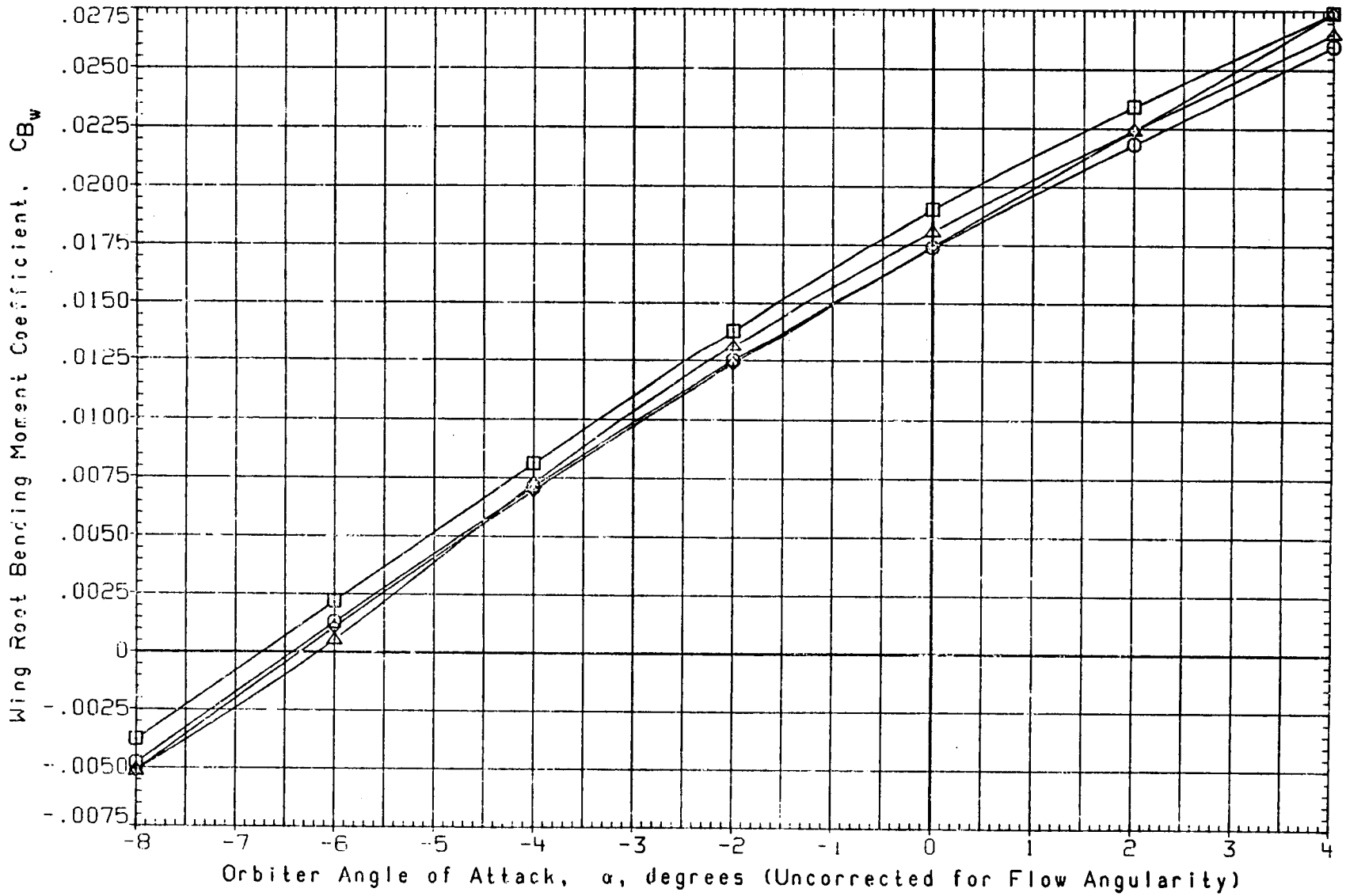


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

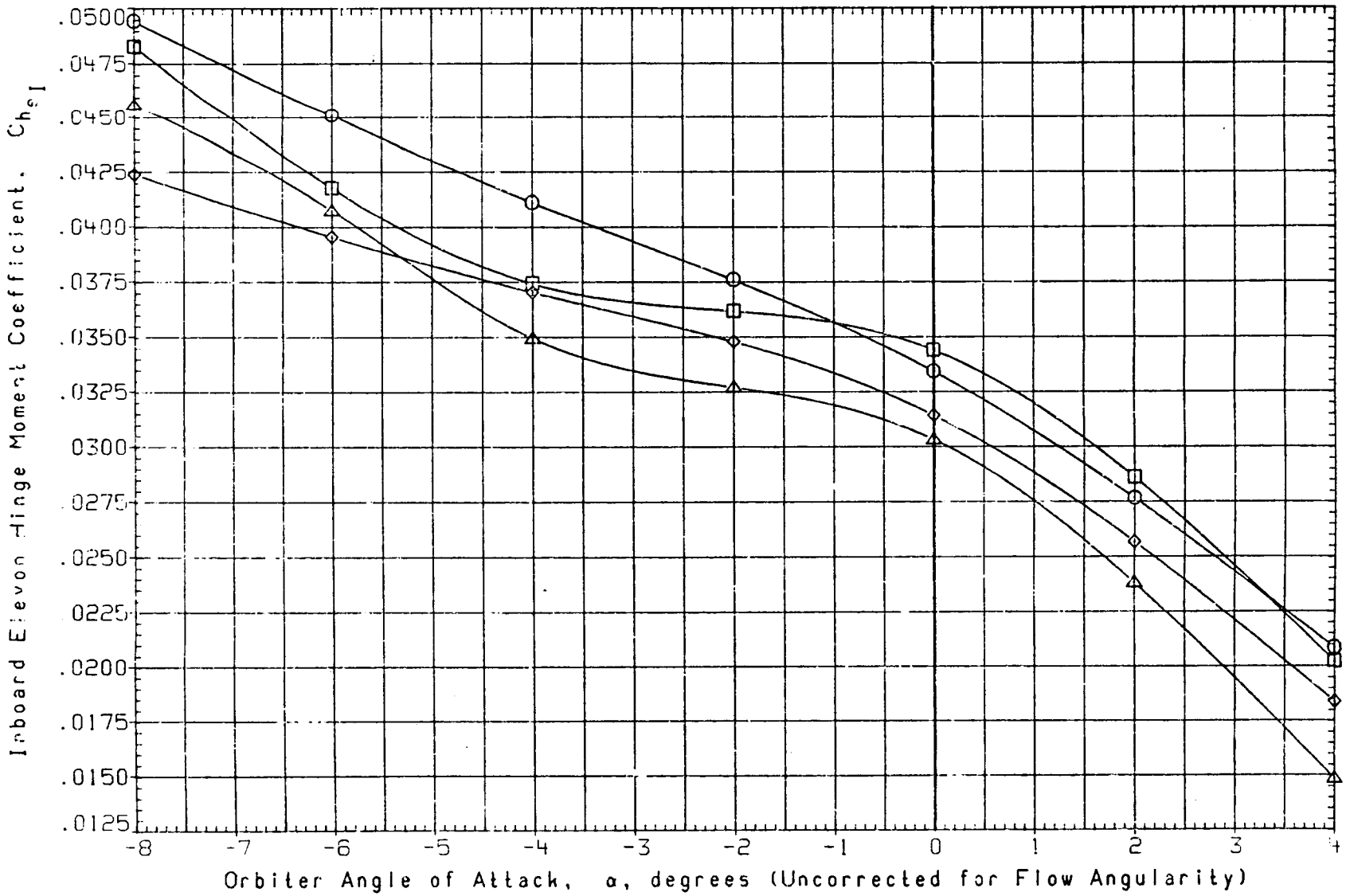


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U3CW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
C8PW19	□	IA183.ALPHA/BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

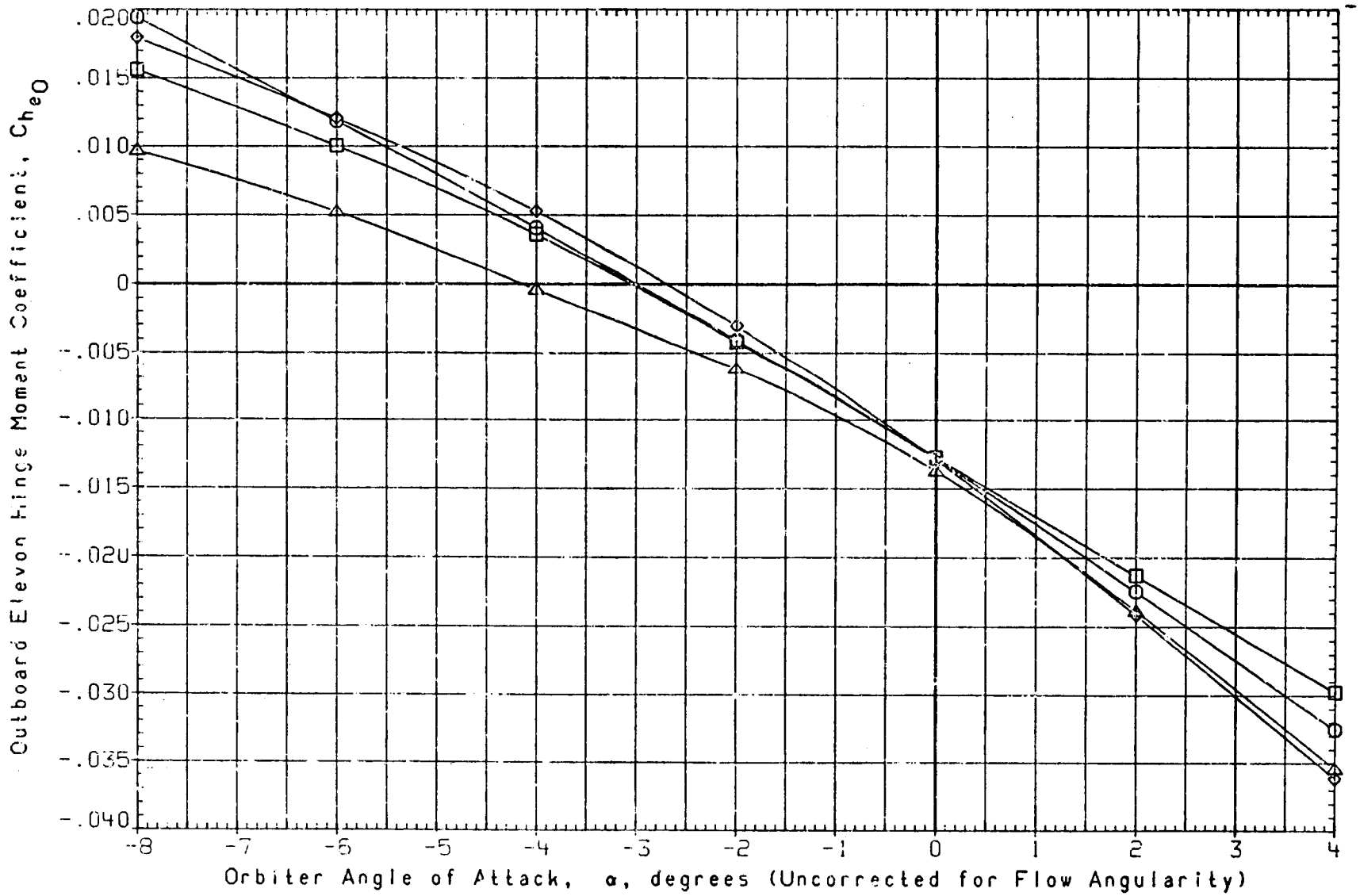


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

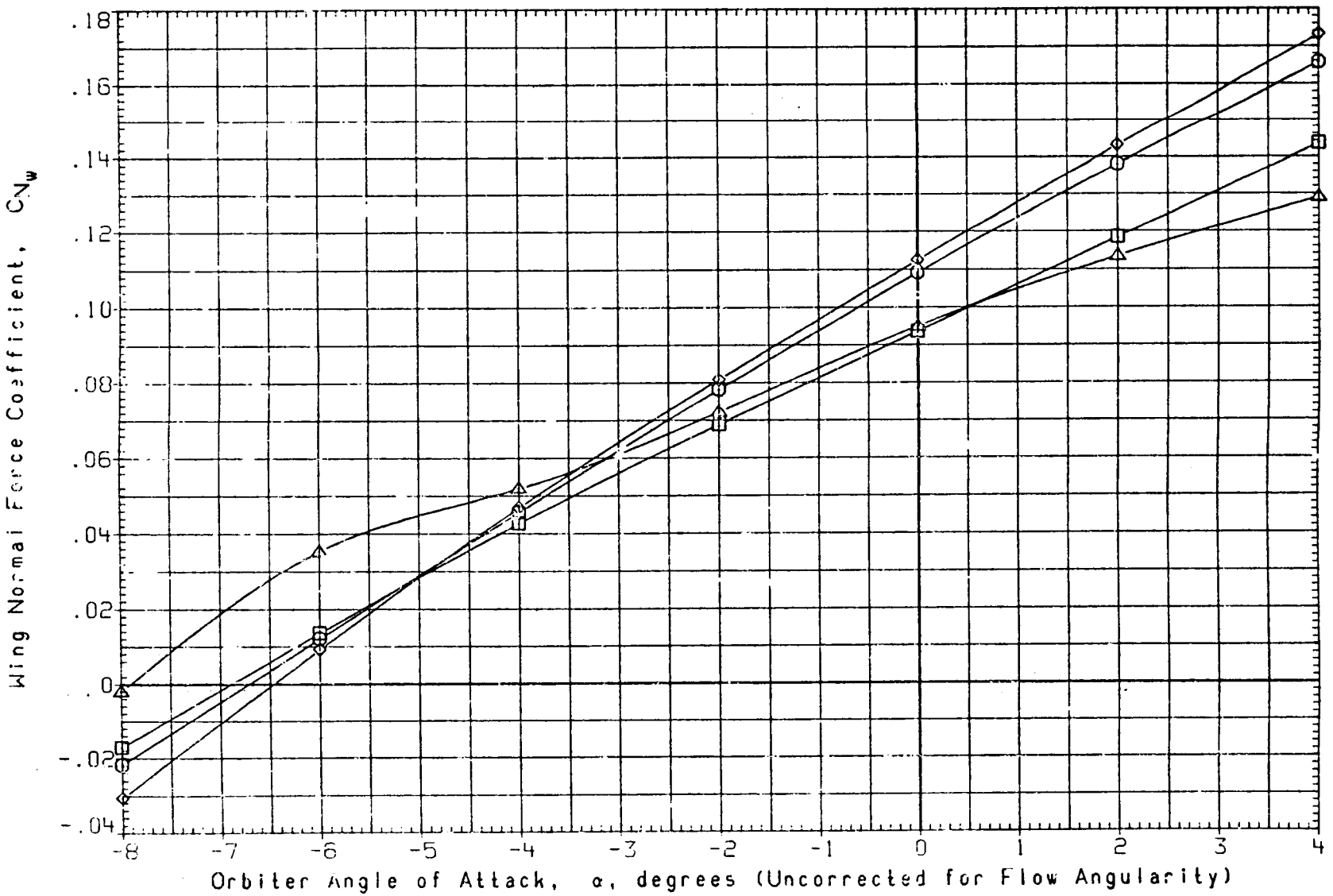


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
C8PW19	□	IA163,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

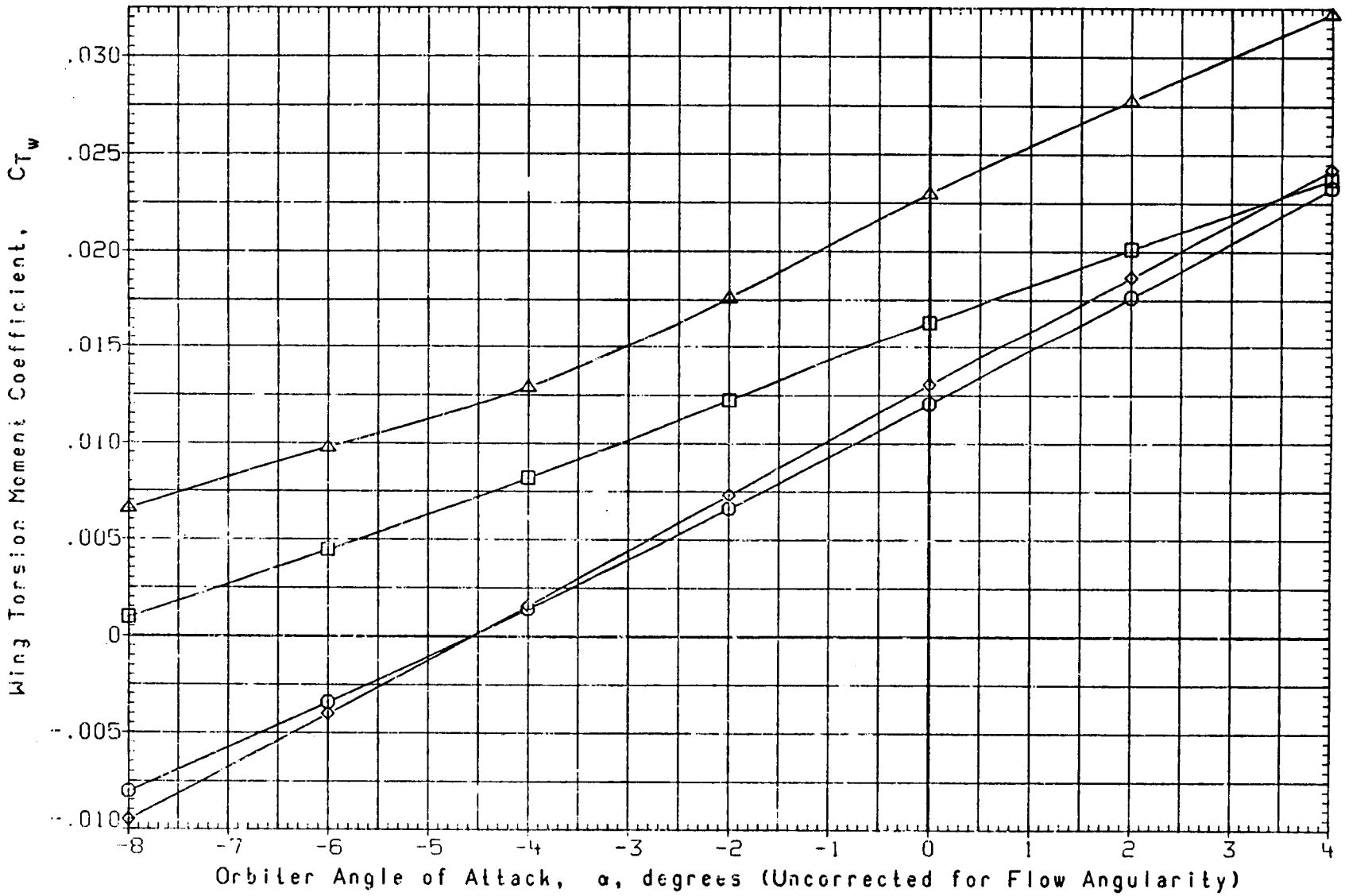


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

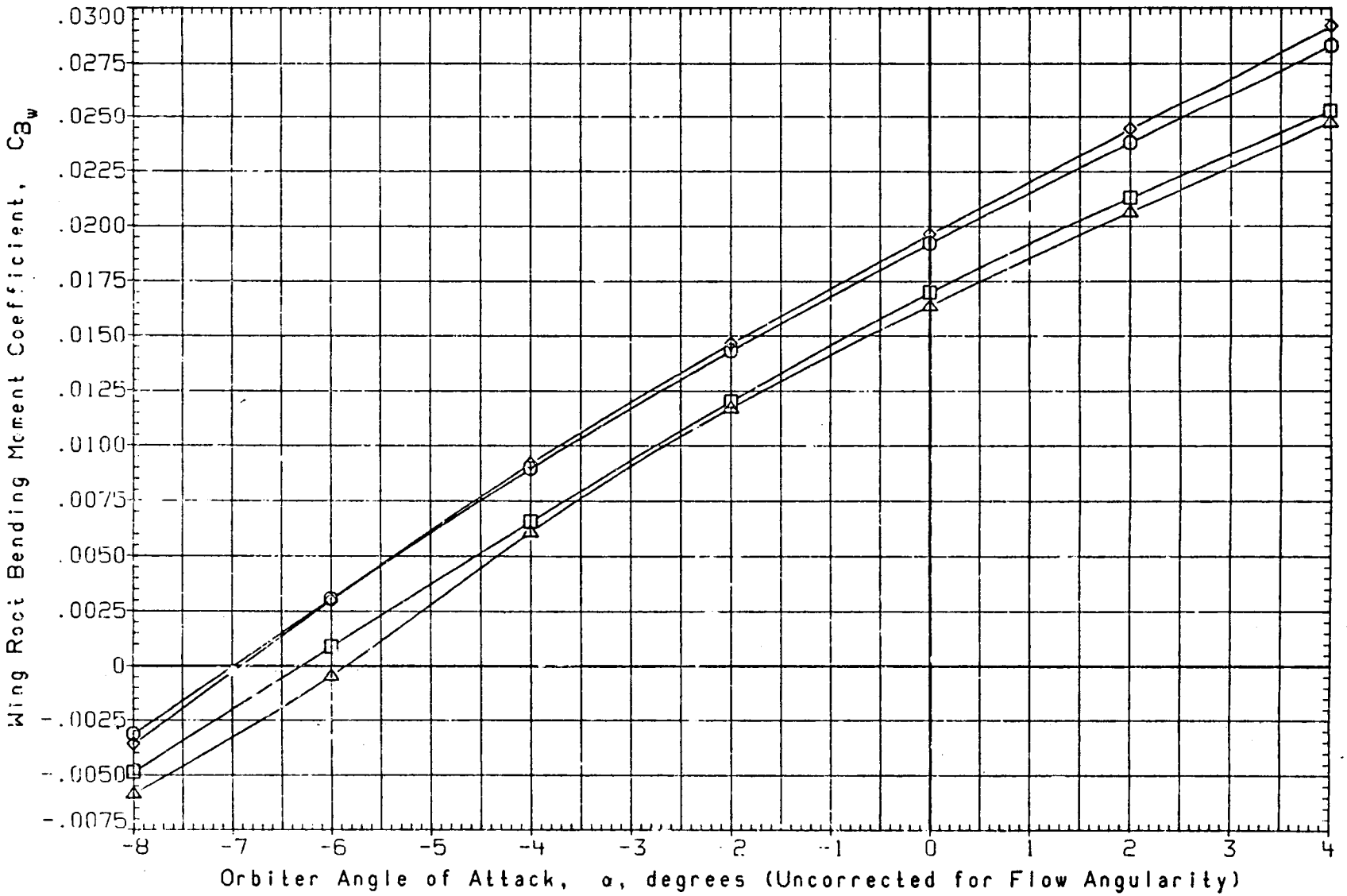


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8FW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

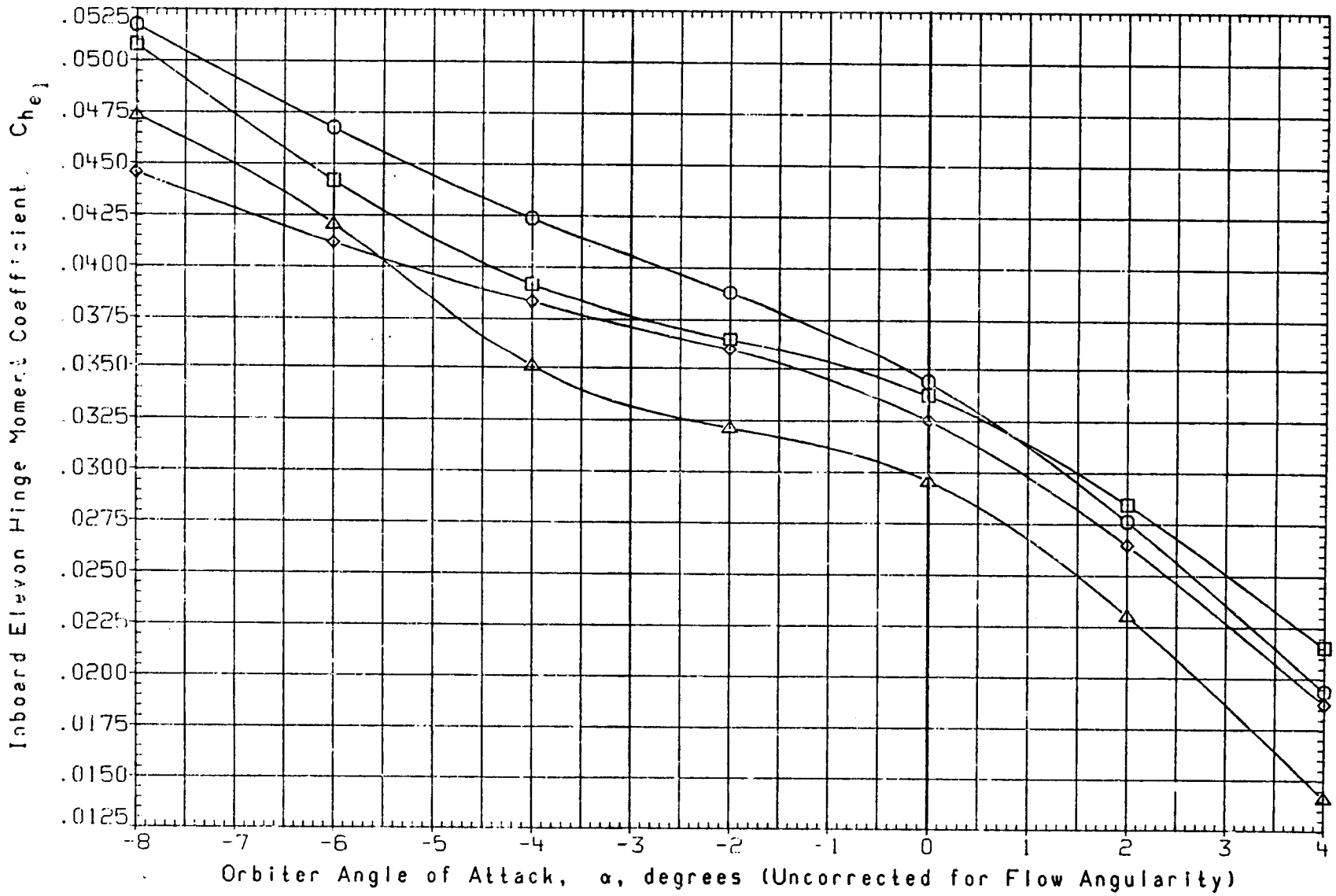


FIG. 37 COMPARISCN OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
USMW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
UENW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

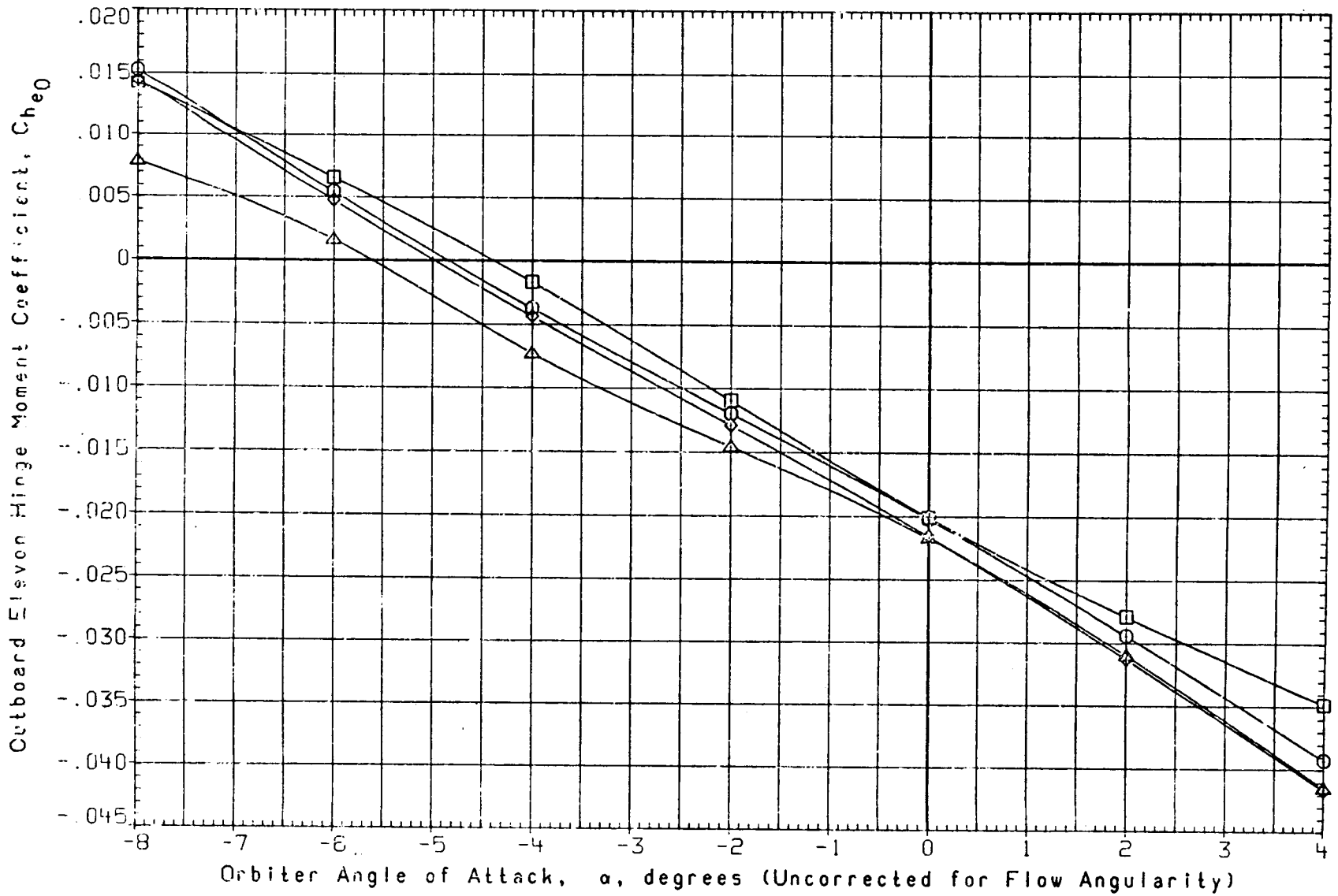


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

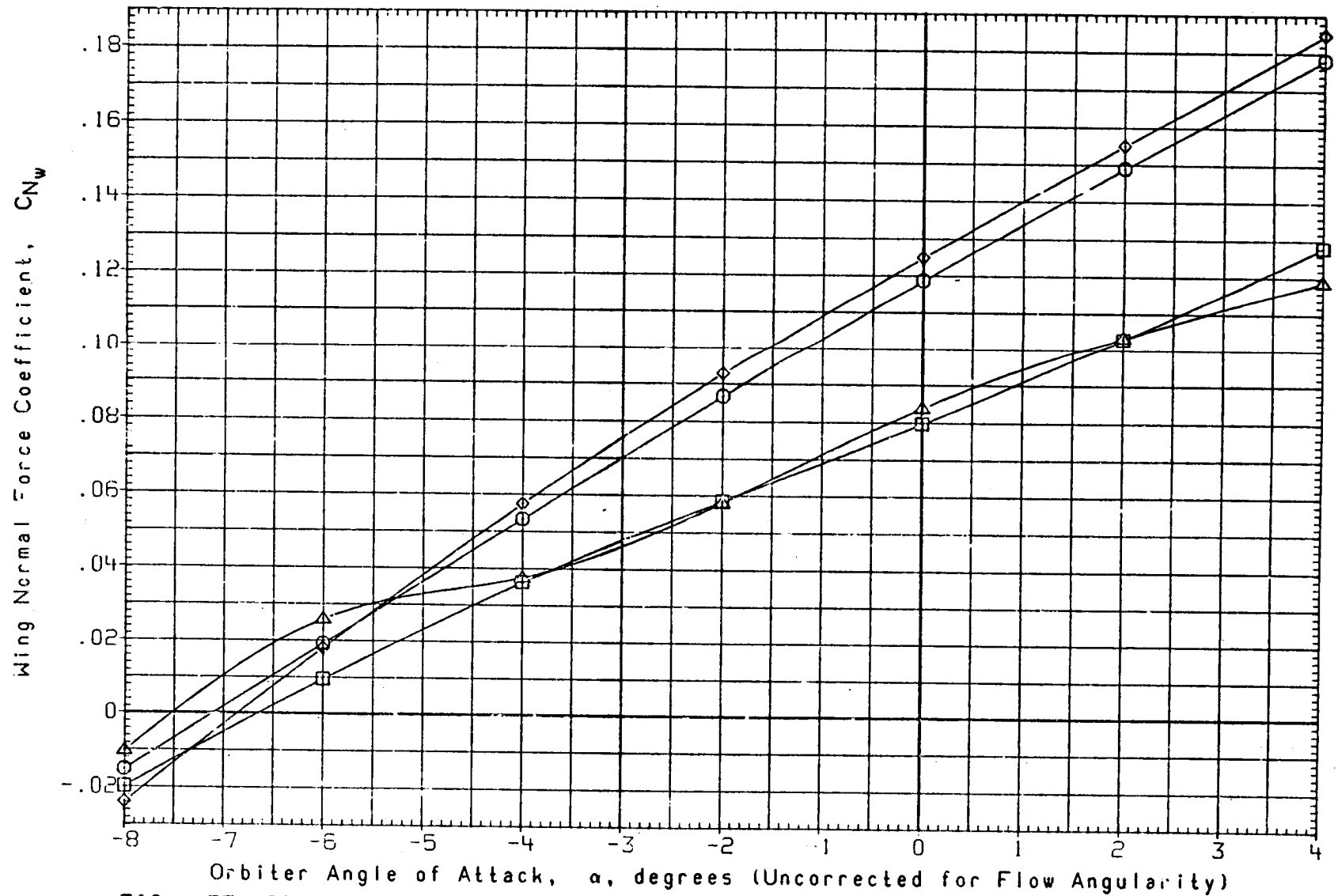


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

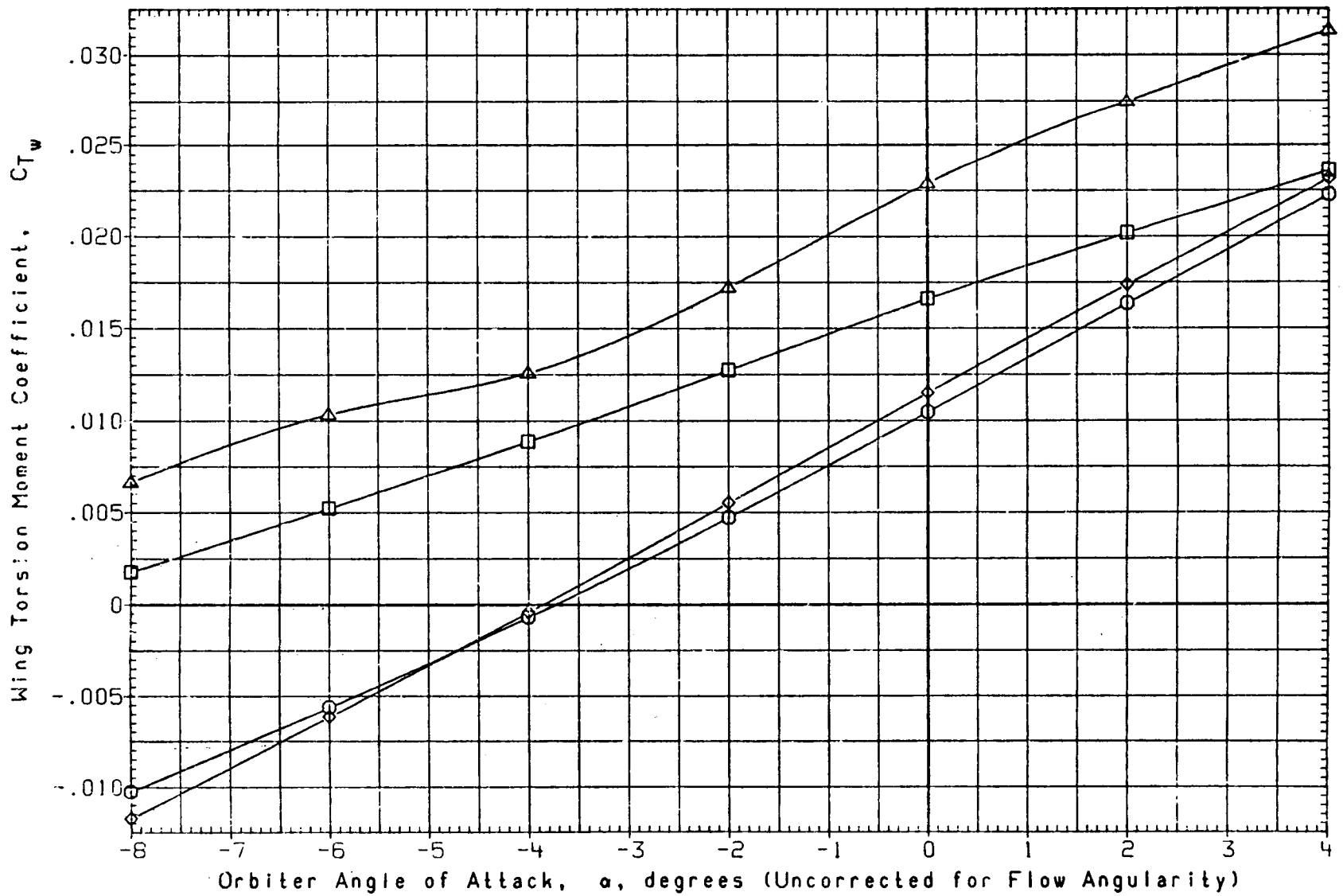


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

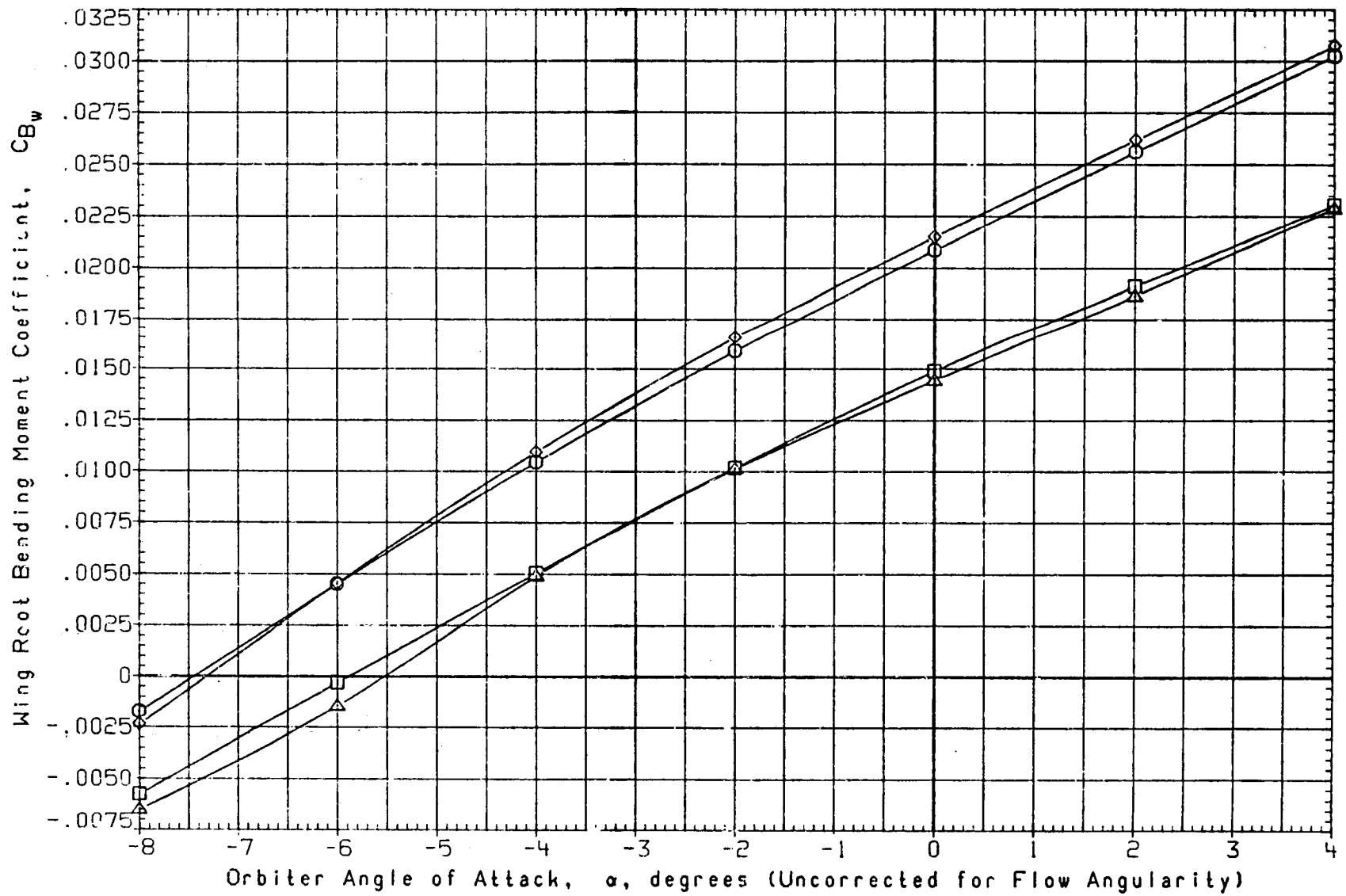


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
06PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

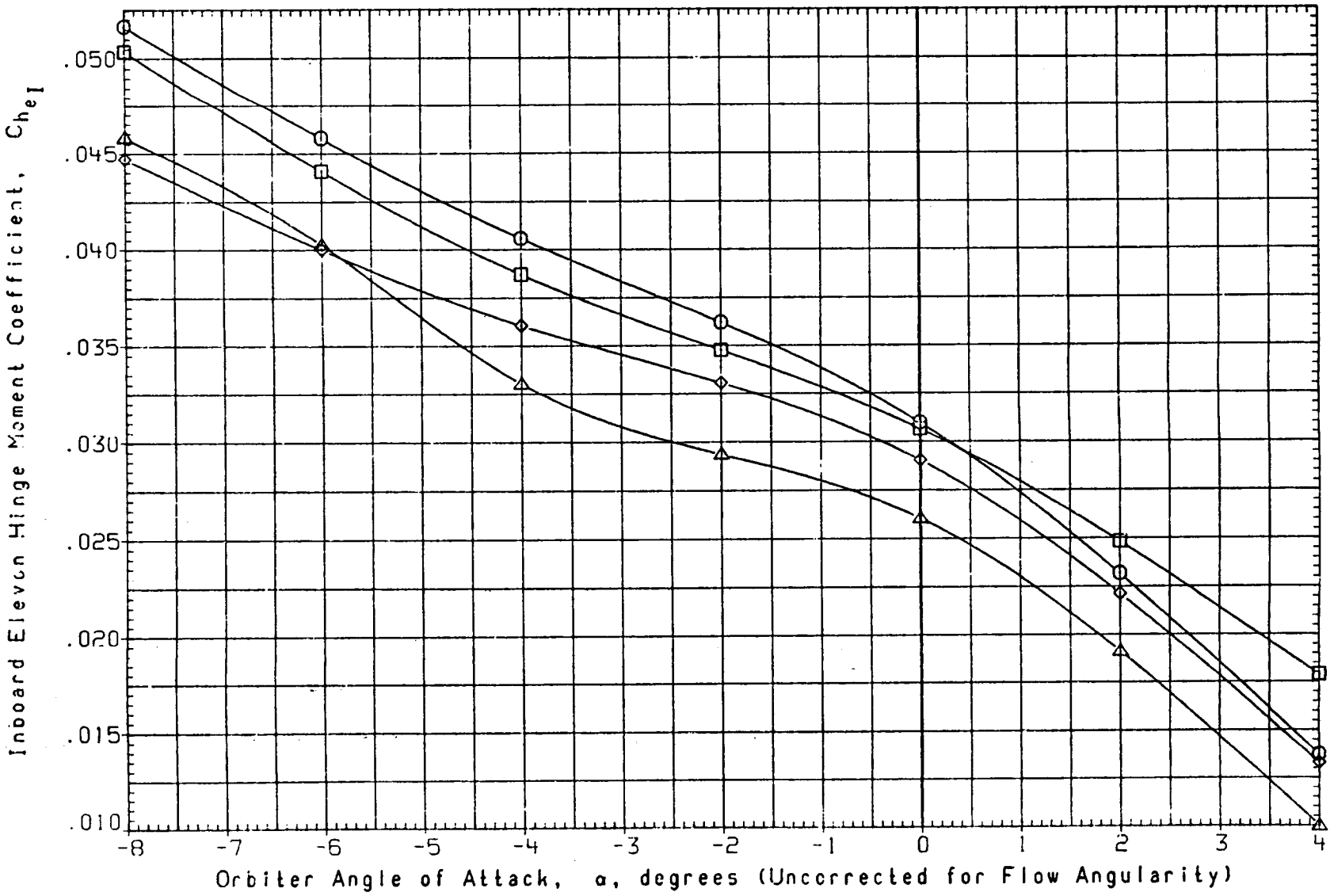


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

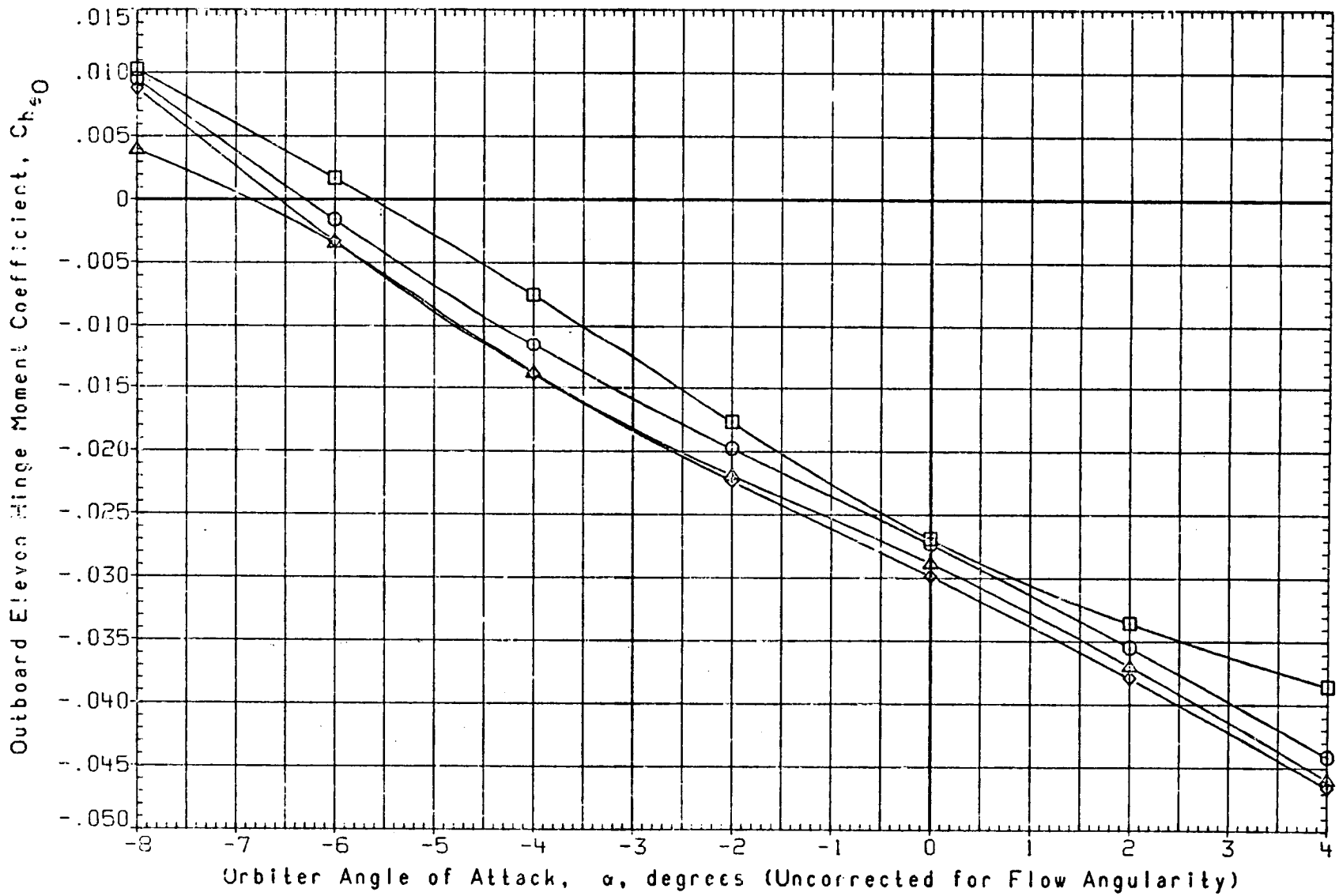


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

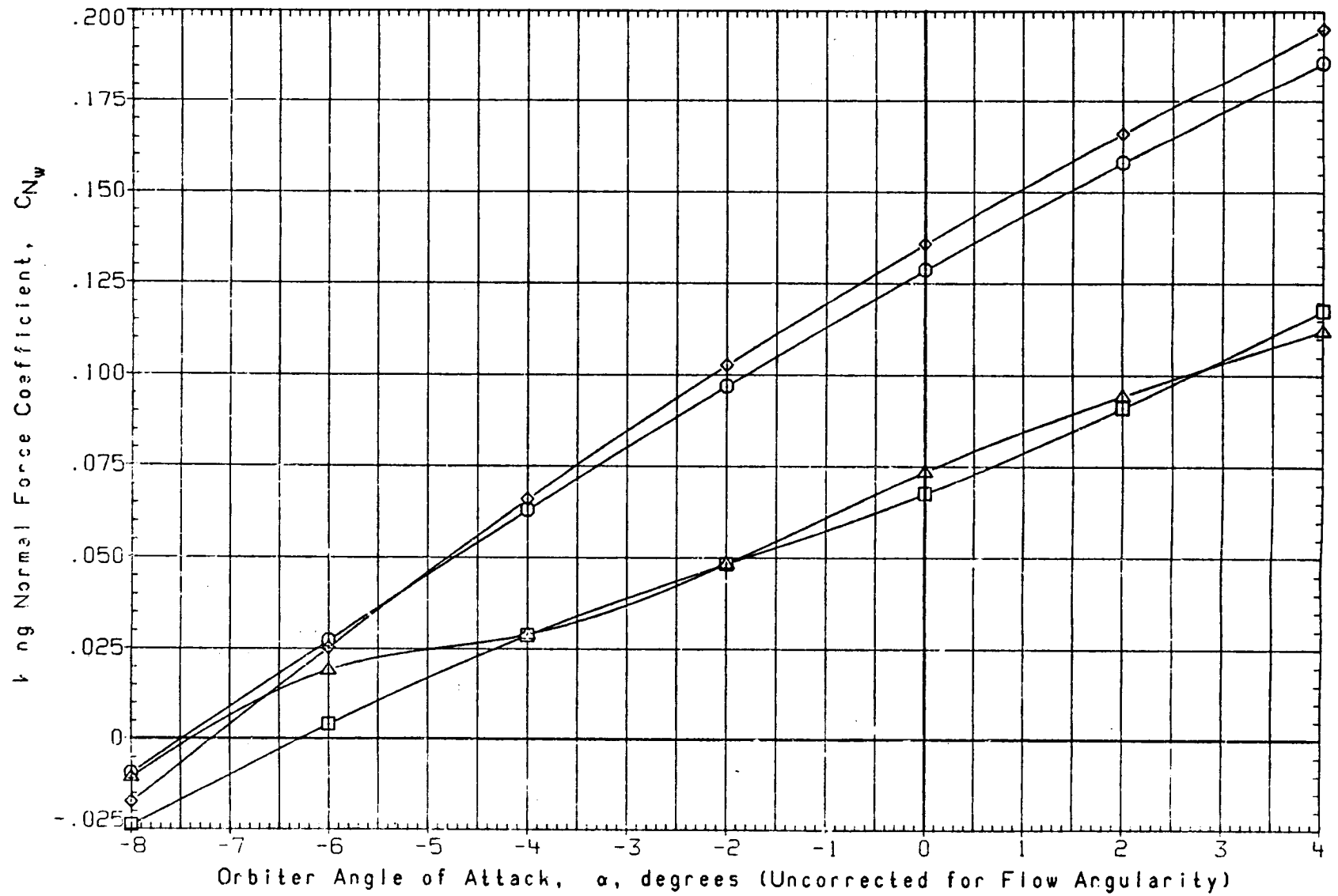


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183.ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

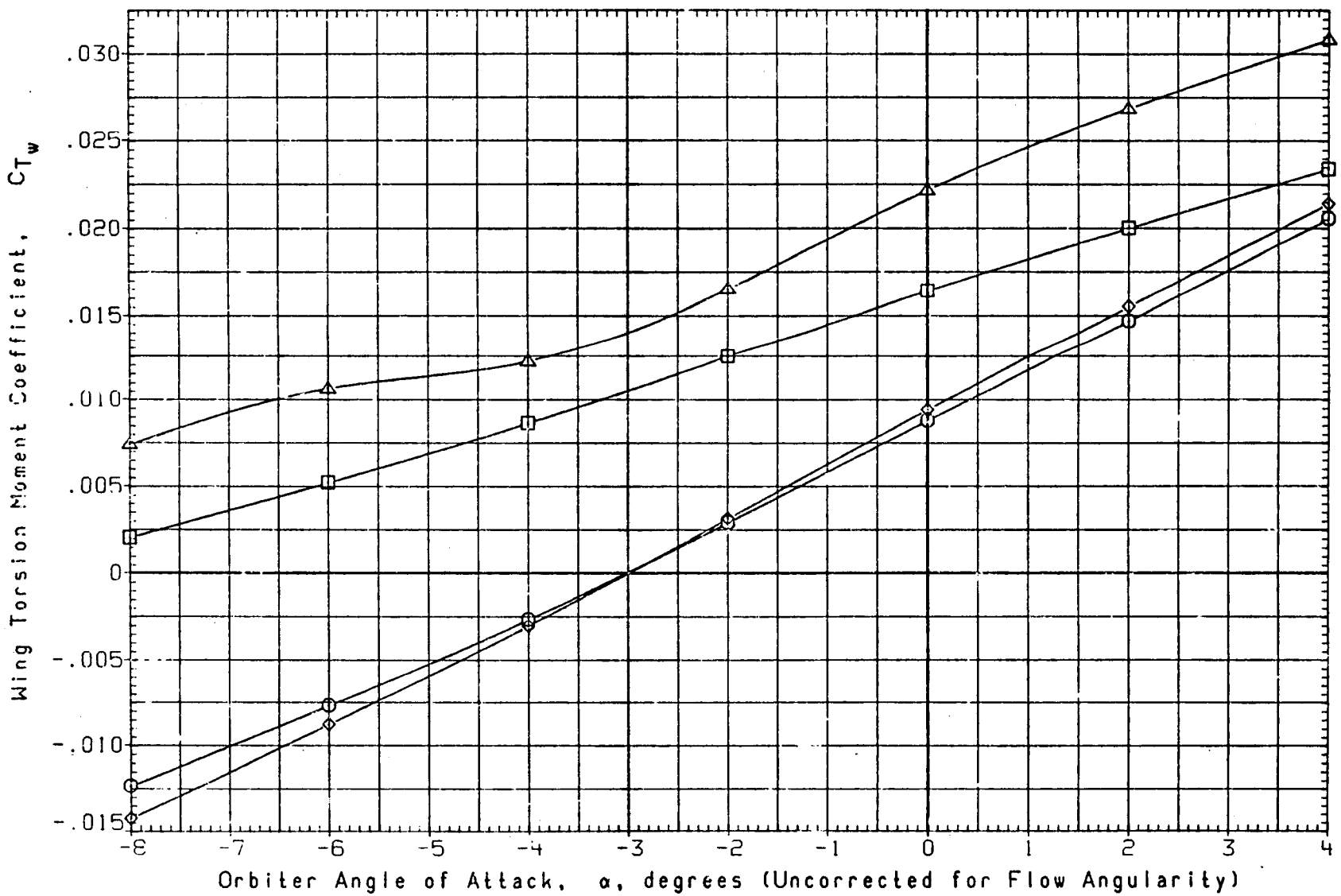


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

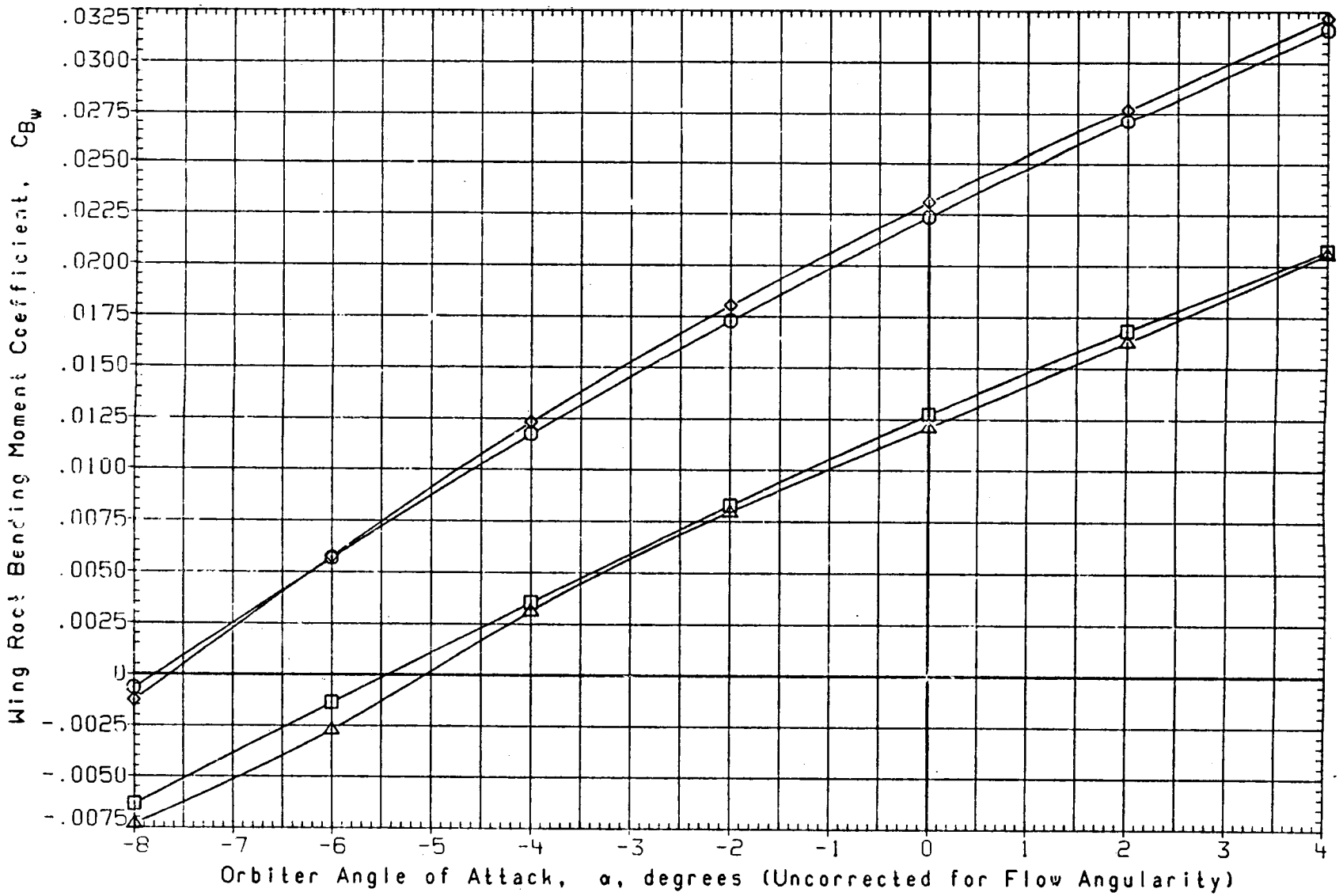


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

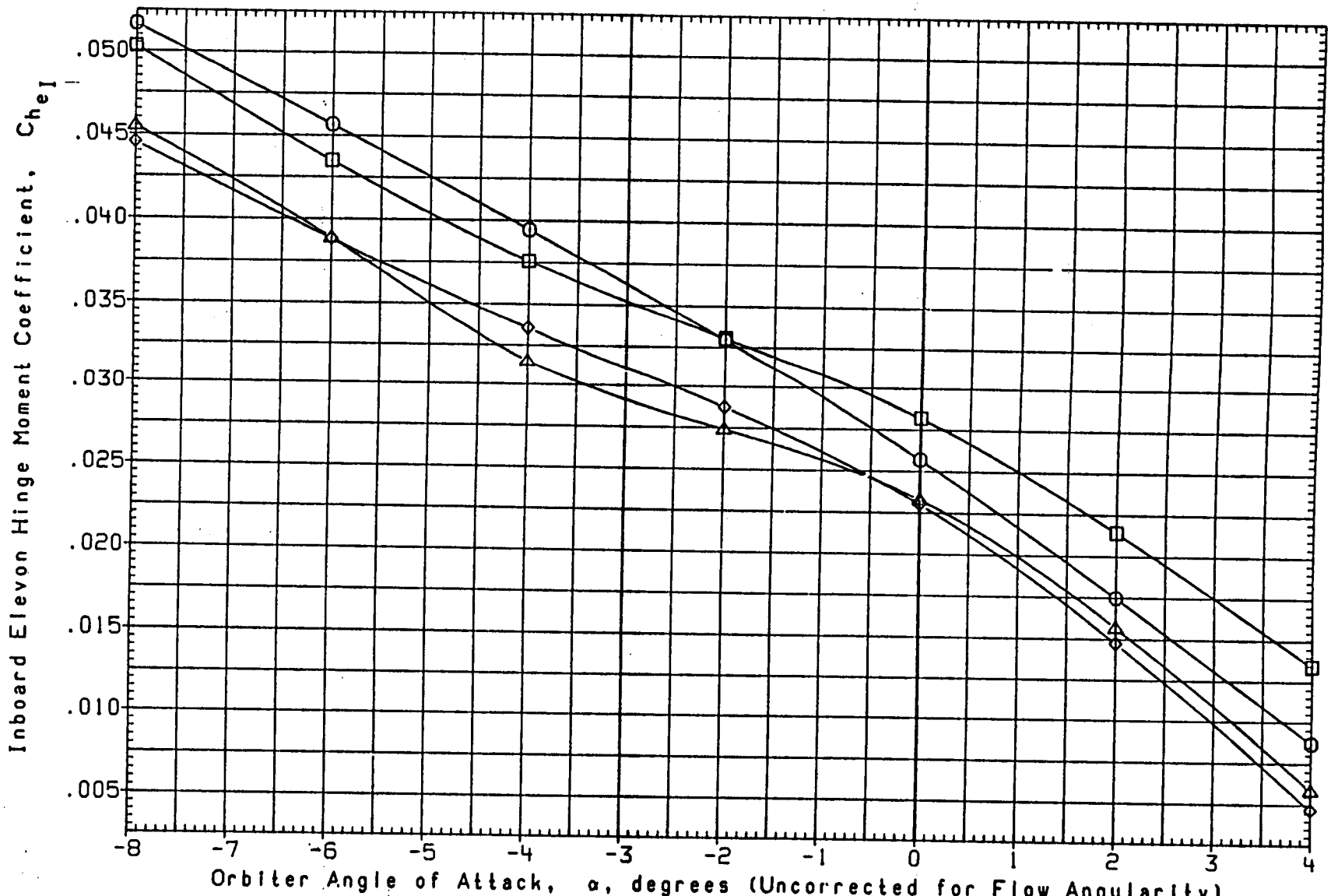


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PW19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON)	1.250	10.000	5.000
U8MW42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NW49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

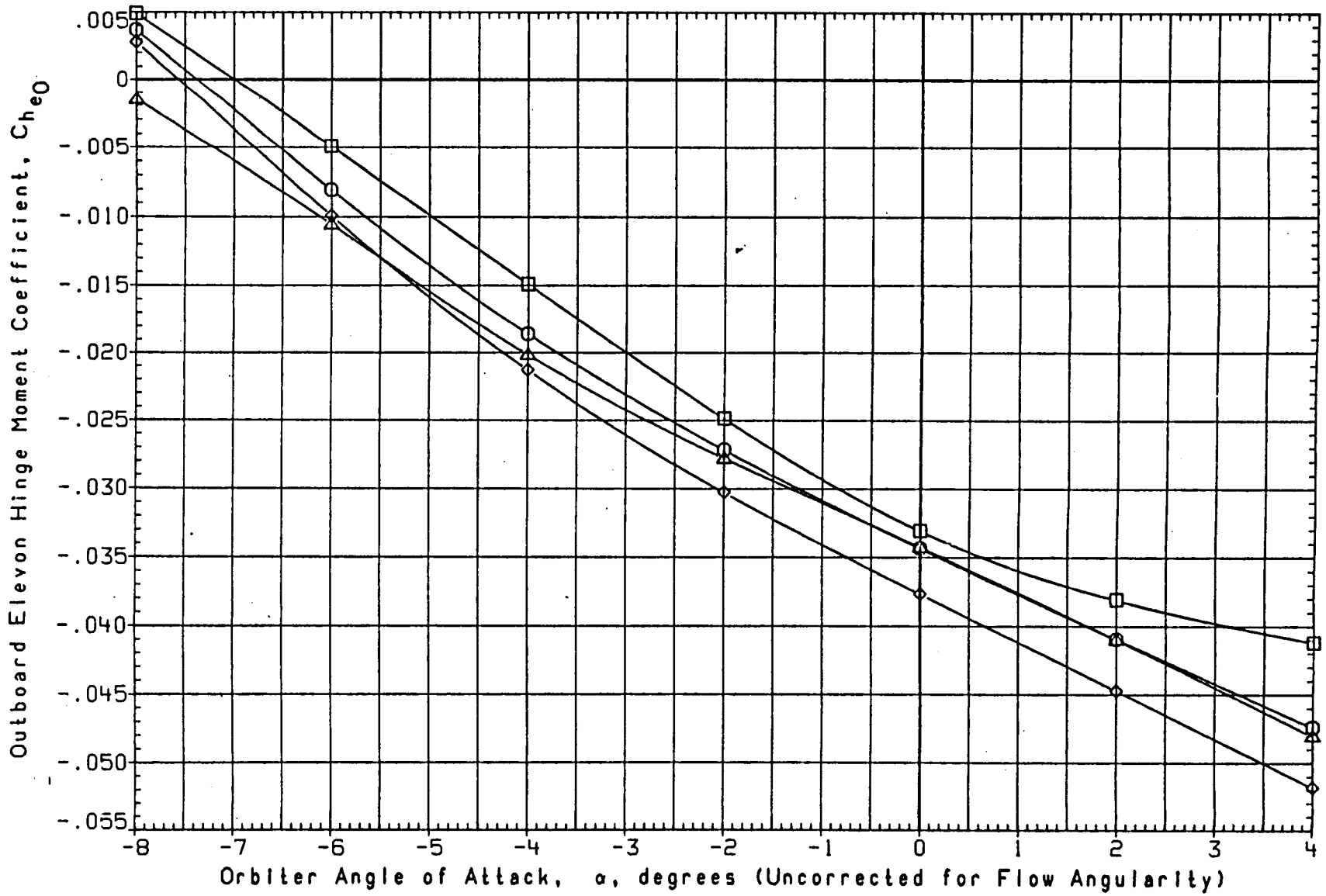


FIG. 37 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

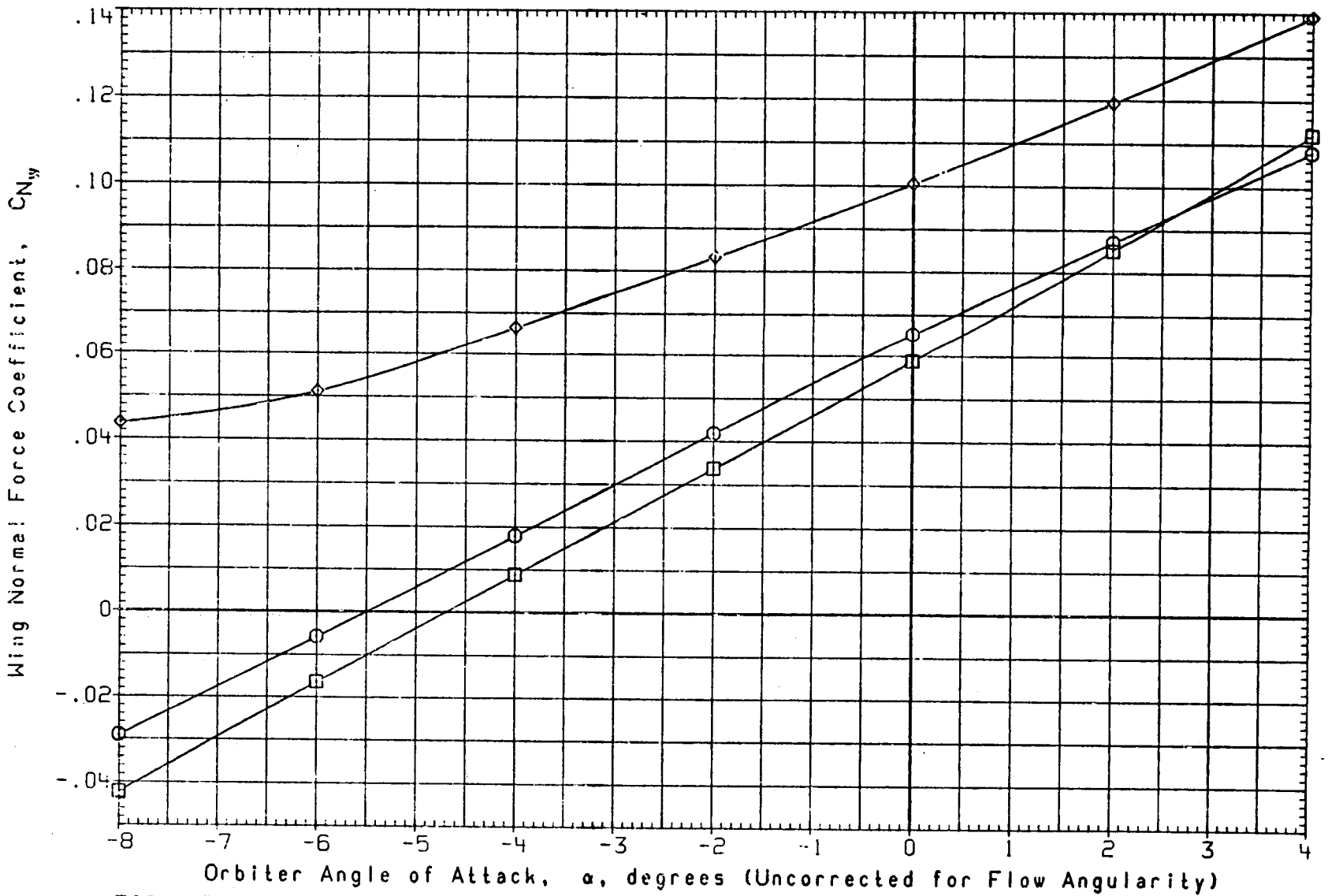


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

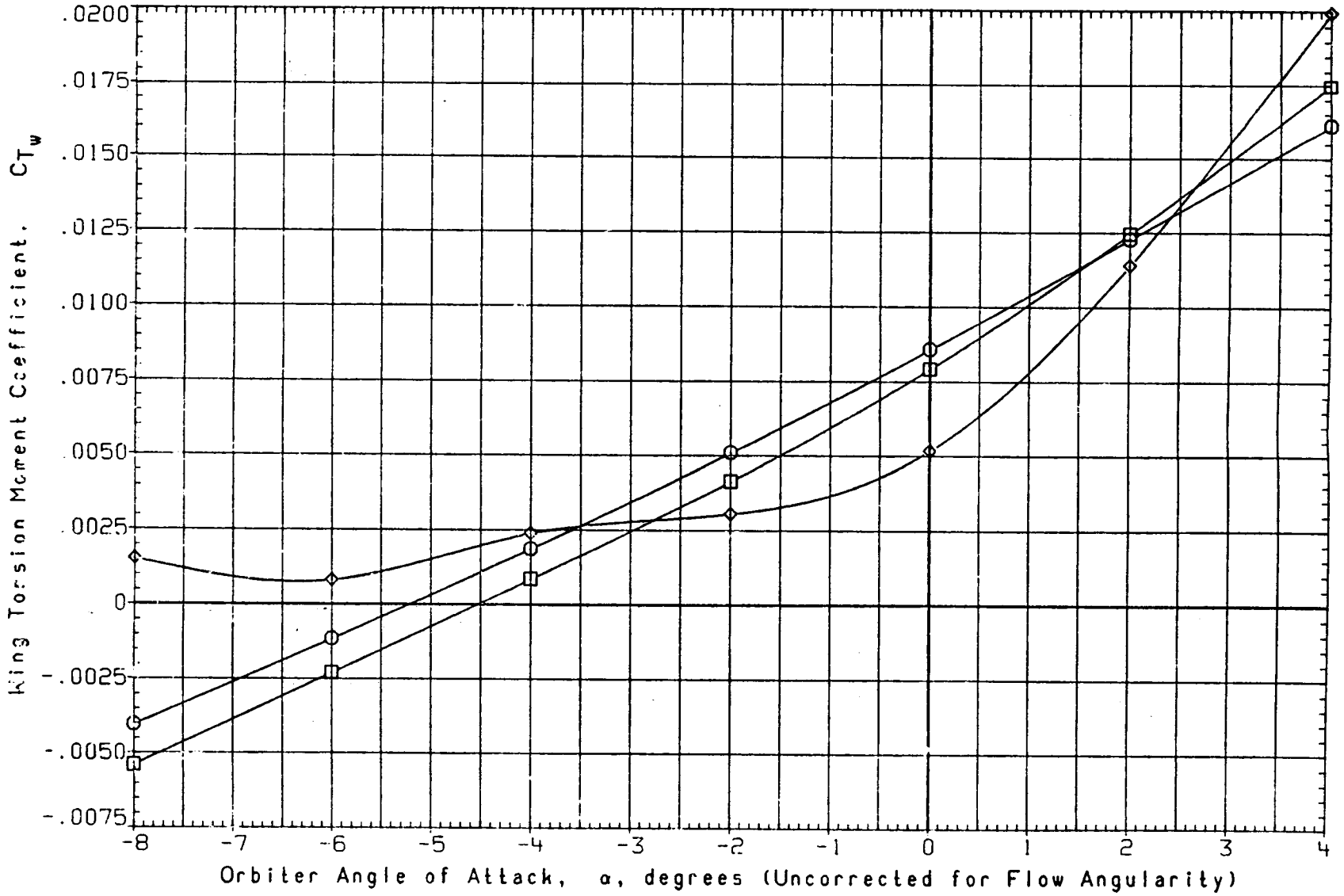


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MN44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

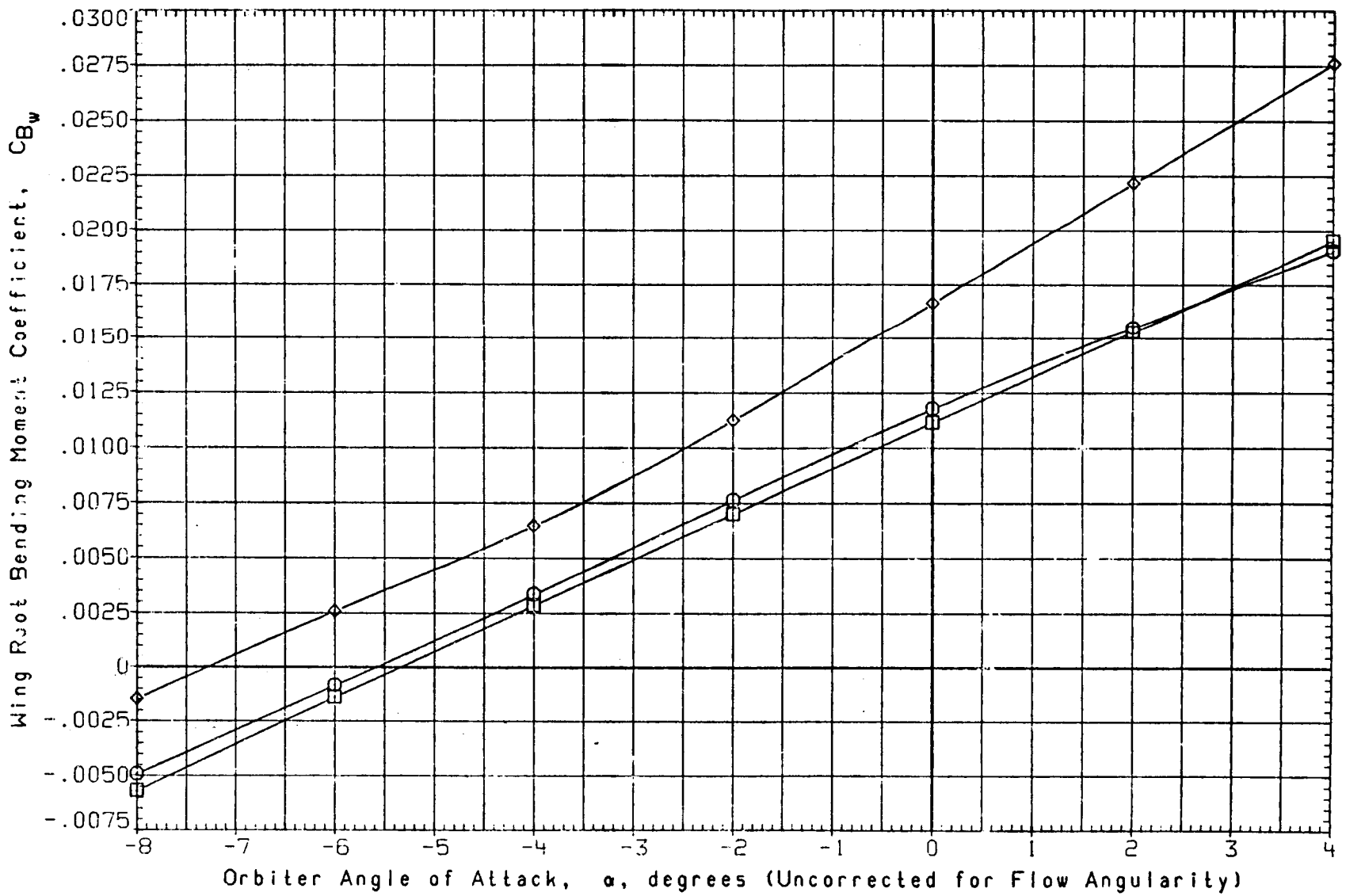


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. HO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

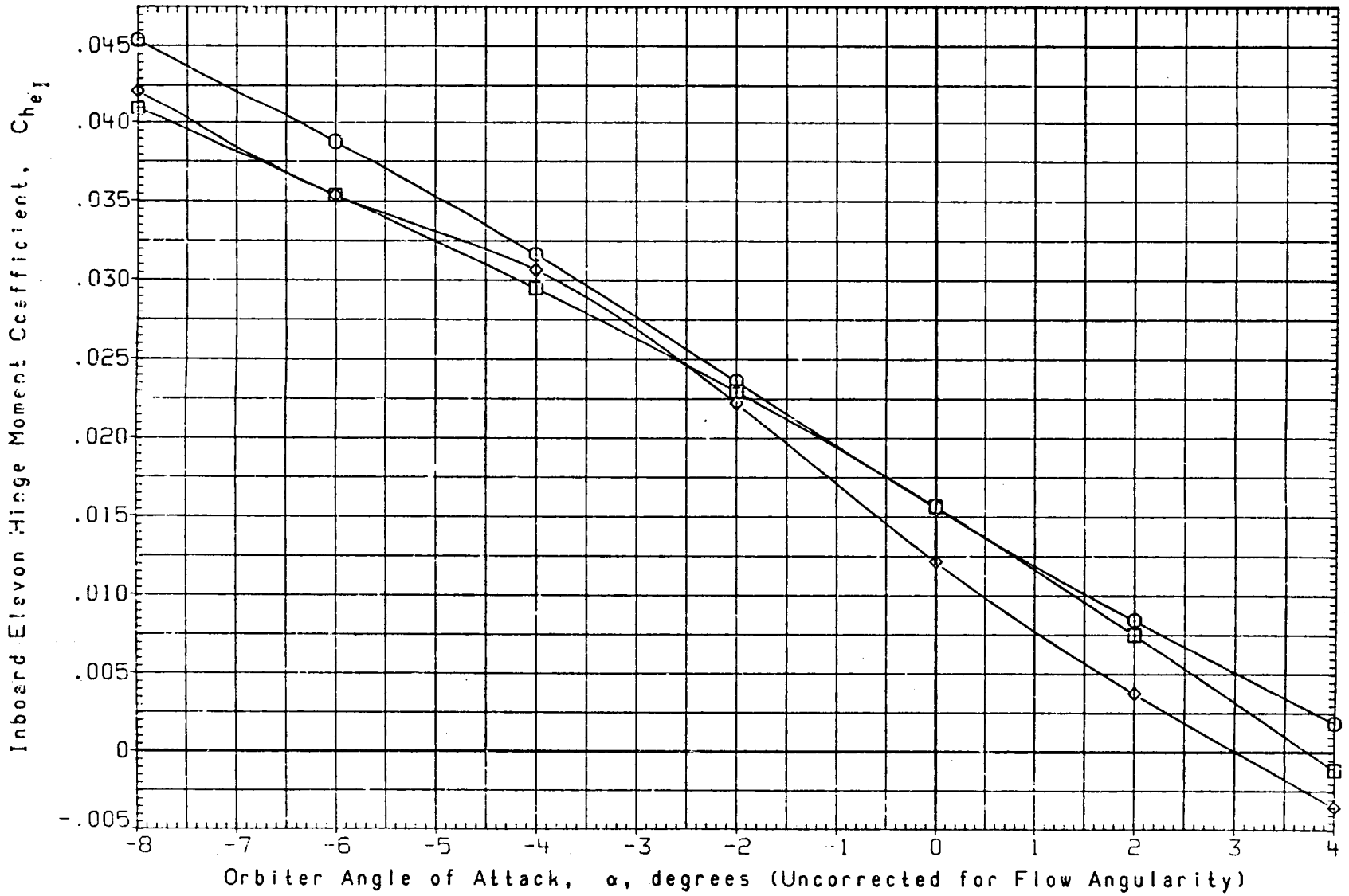


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

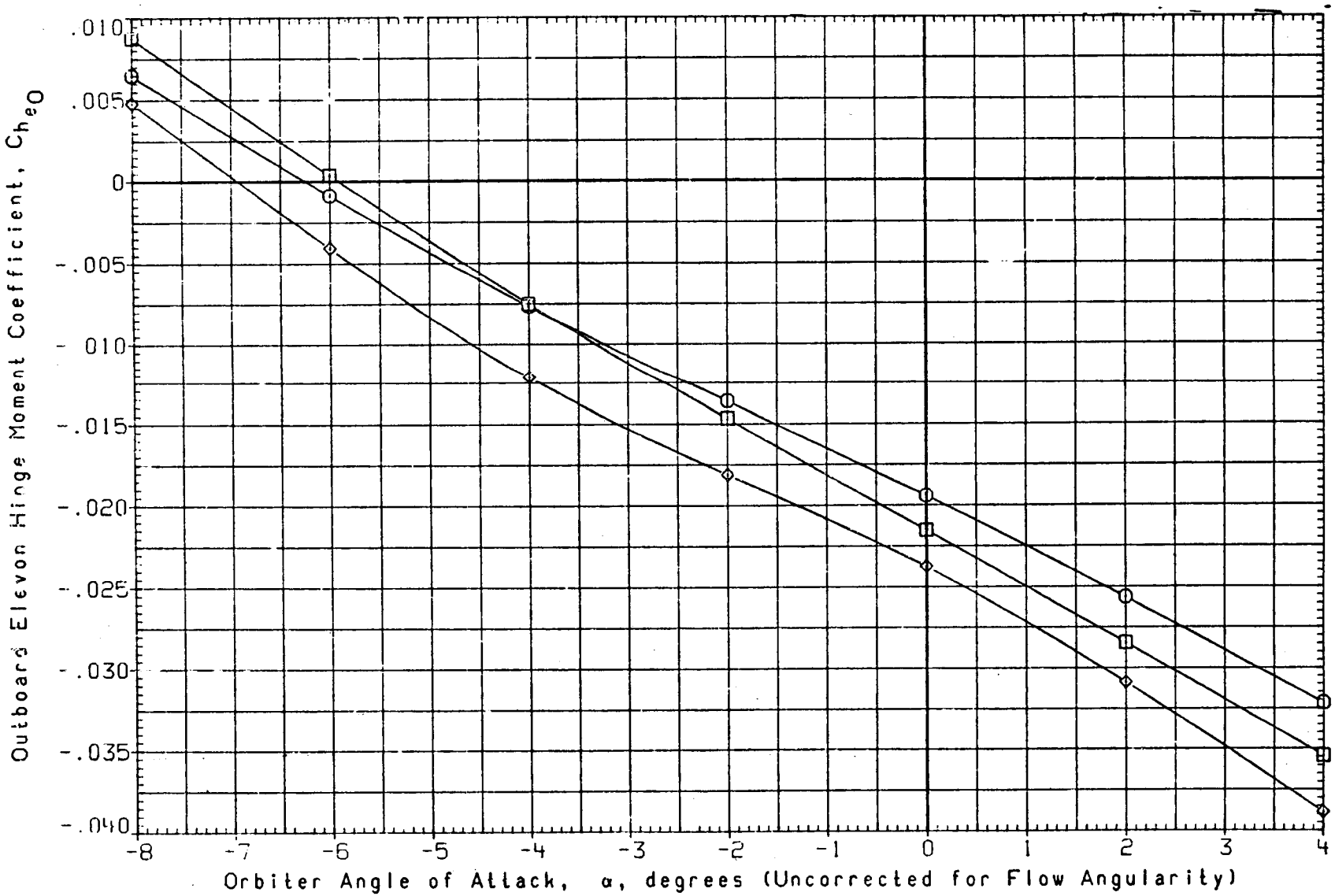


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U3OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

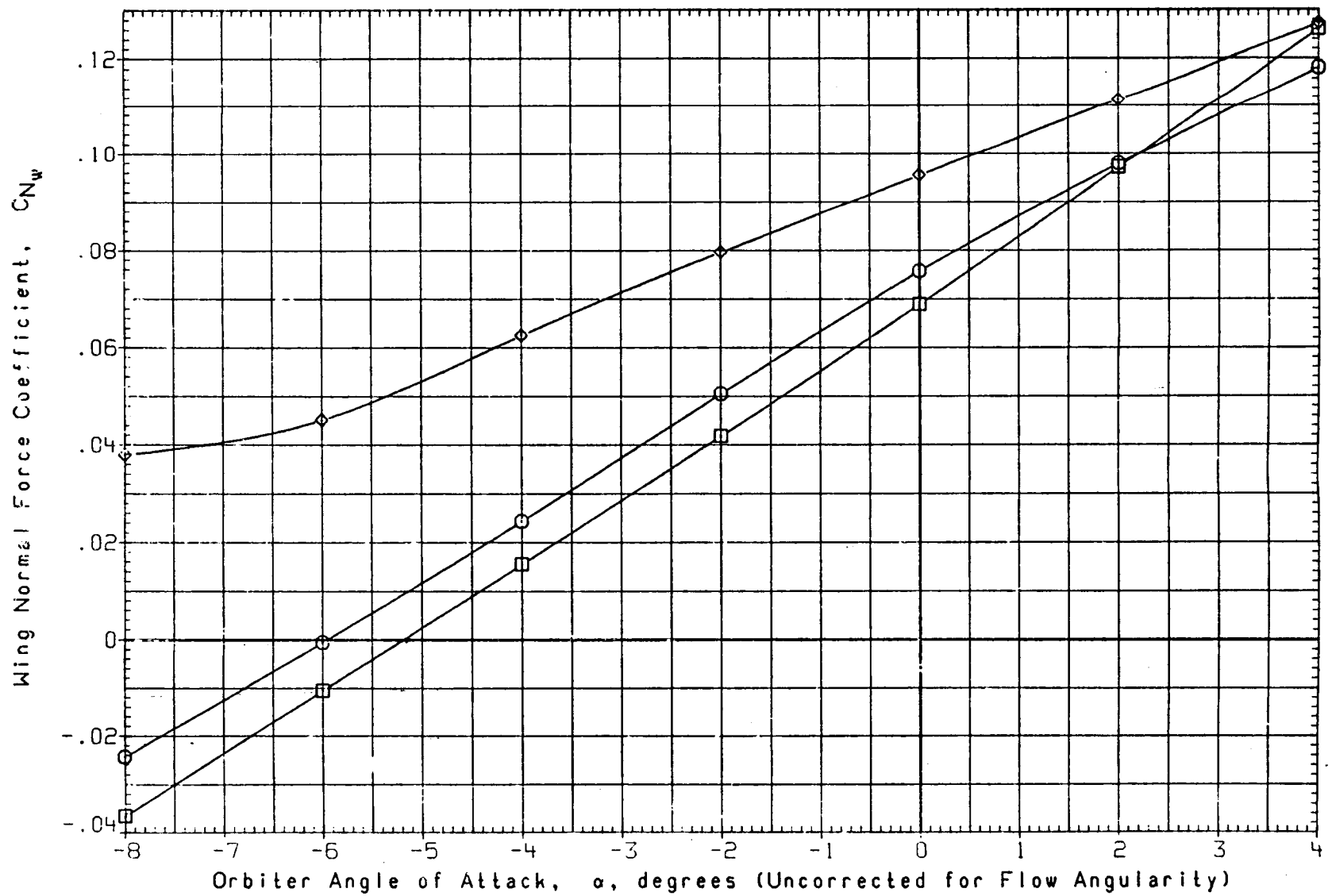


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U9OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

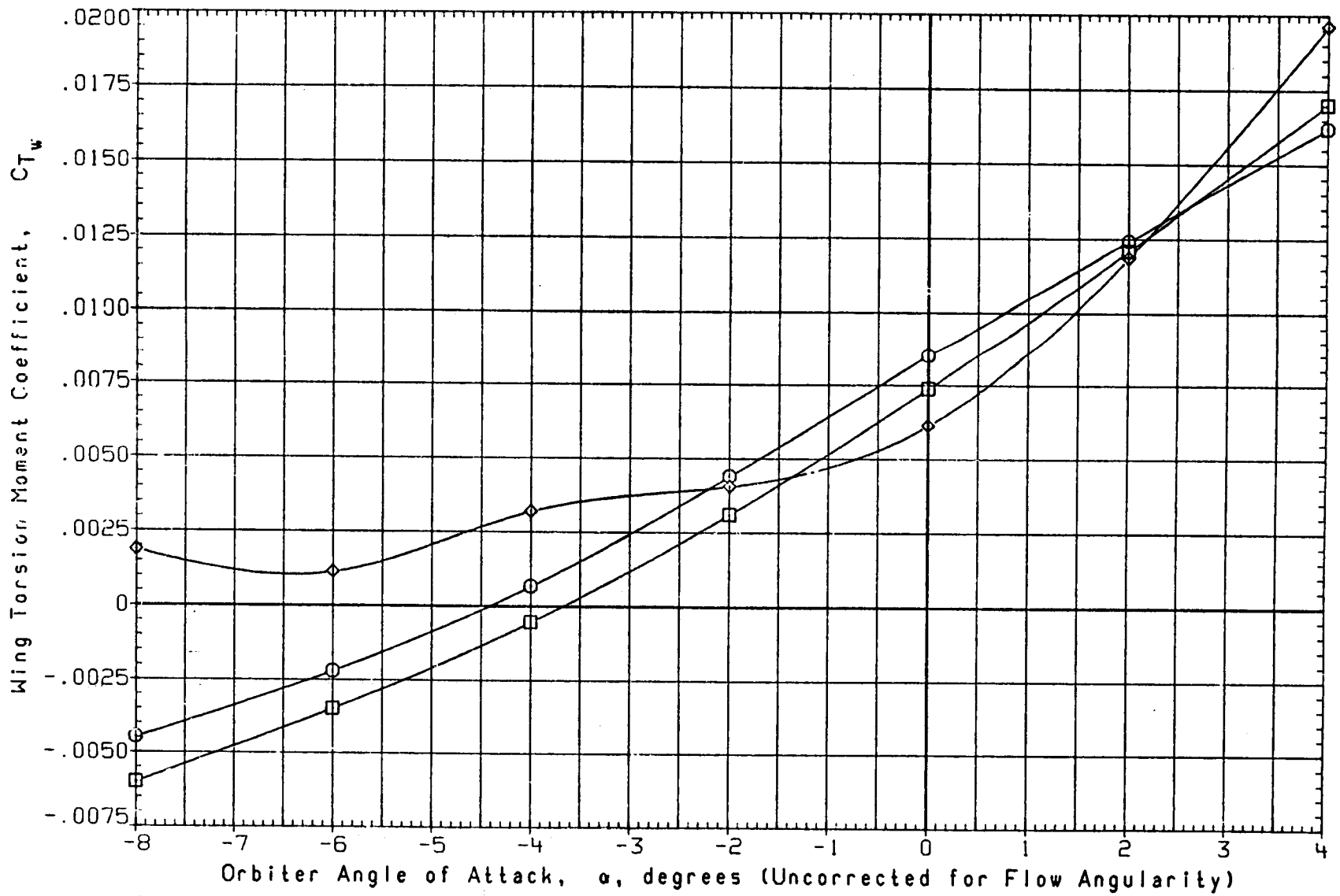


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA:82 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW4	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

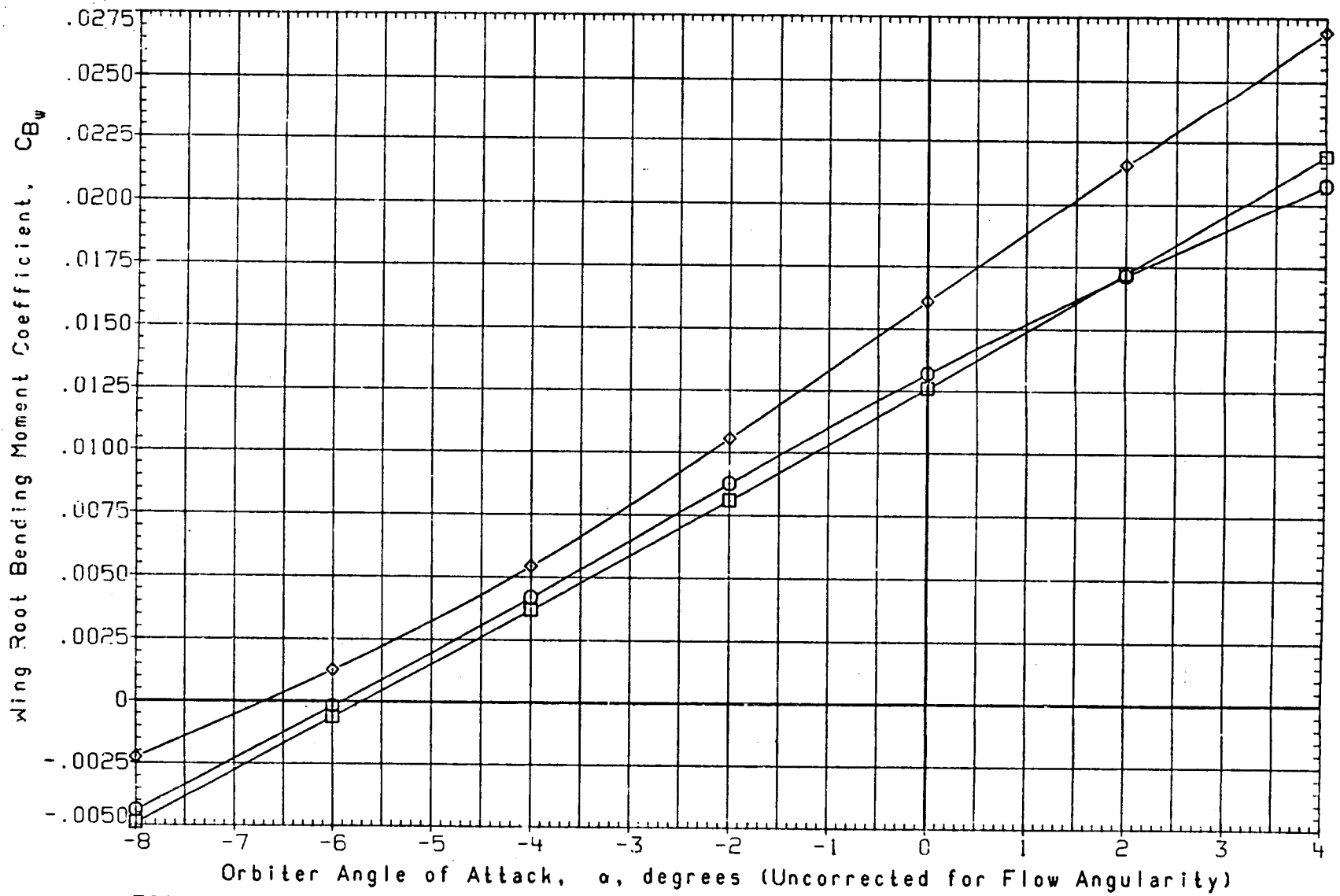


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

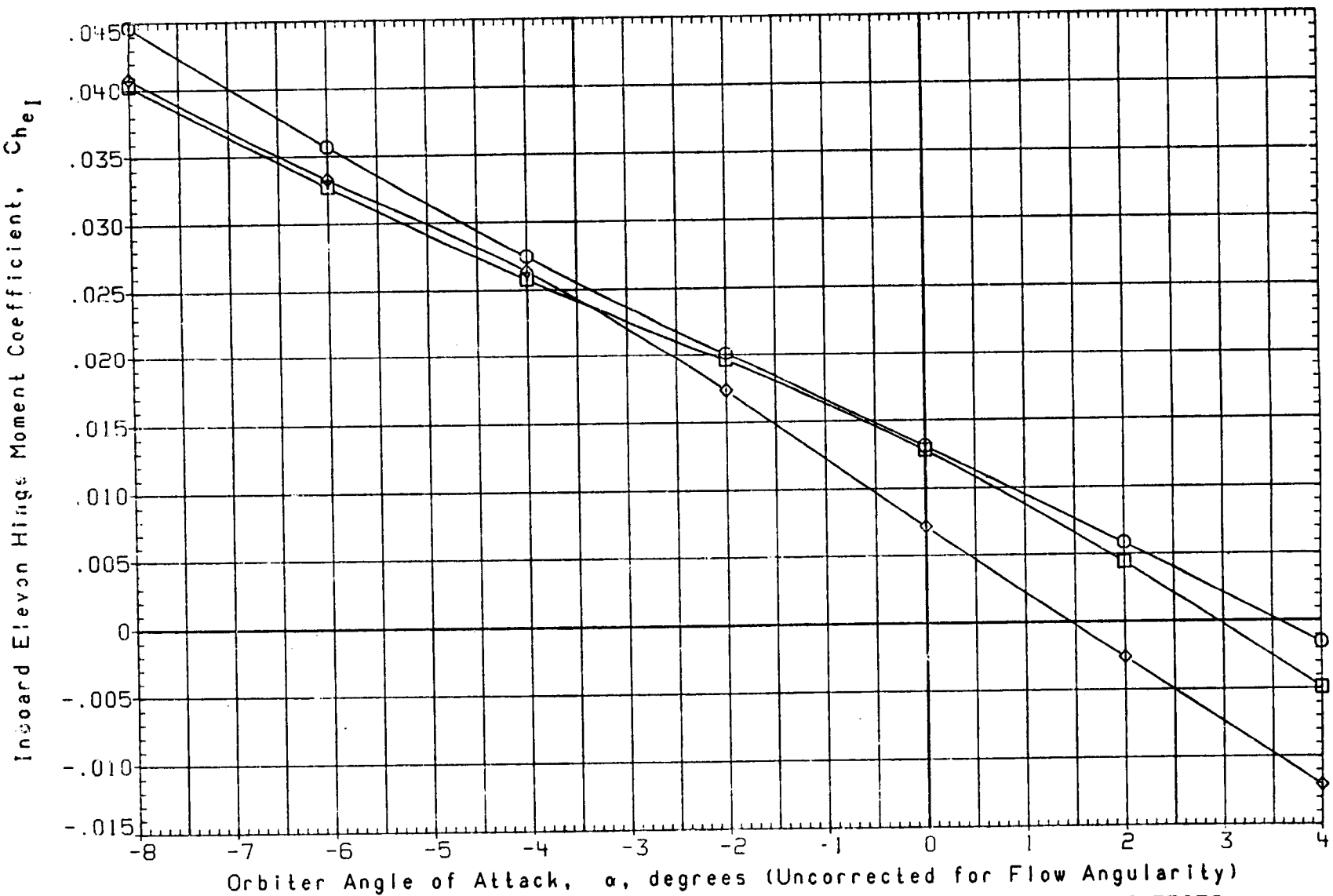


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

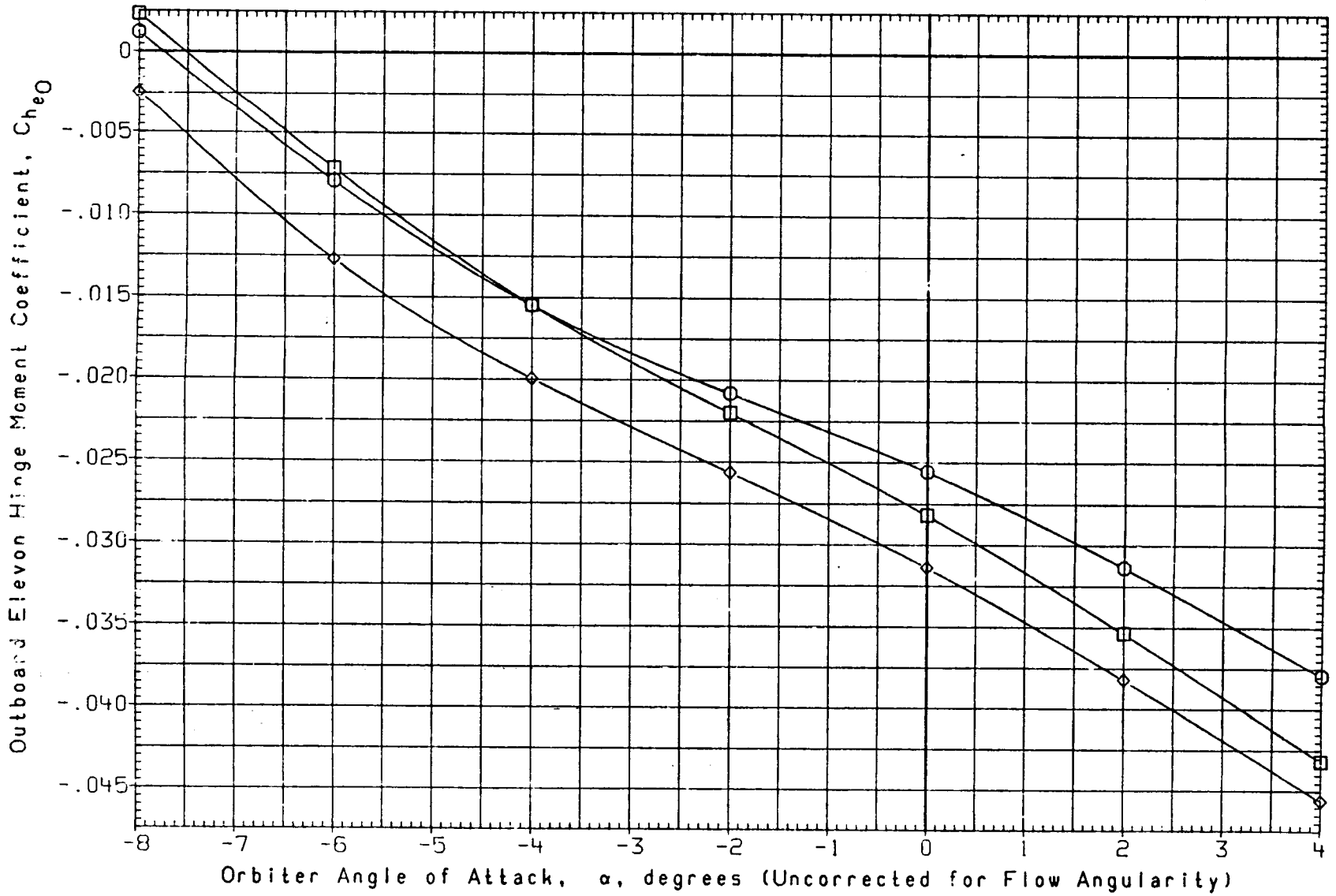


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8NW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

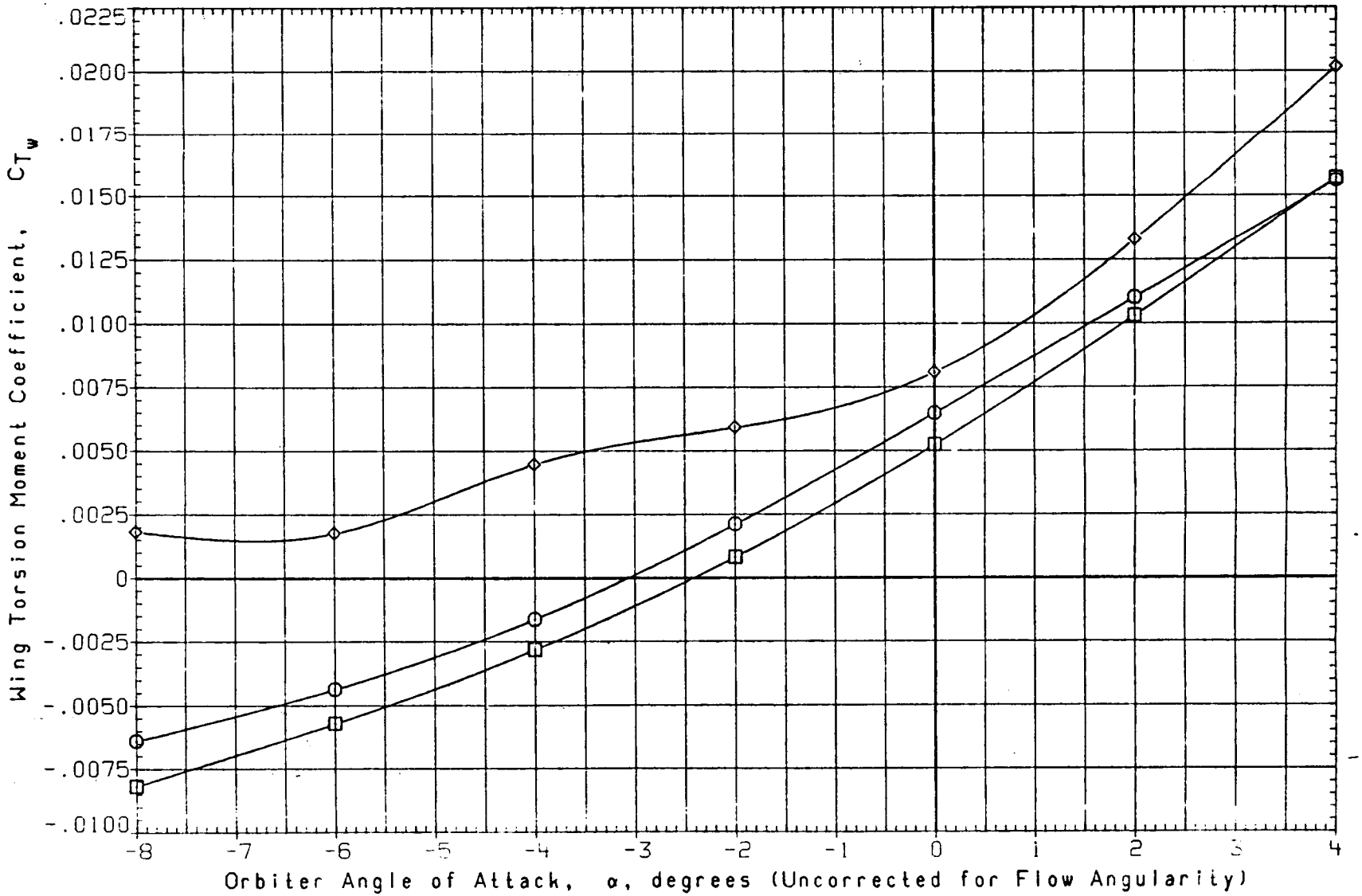


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

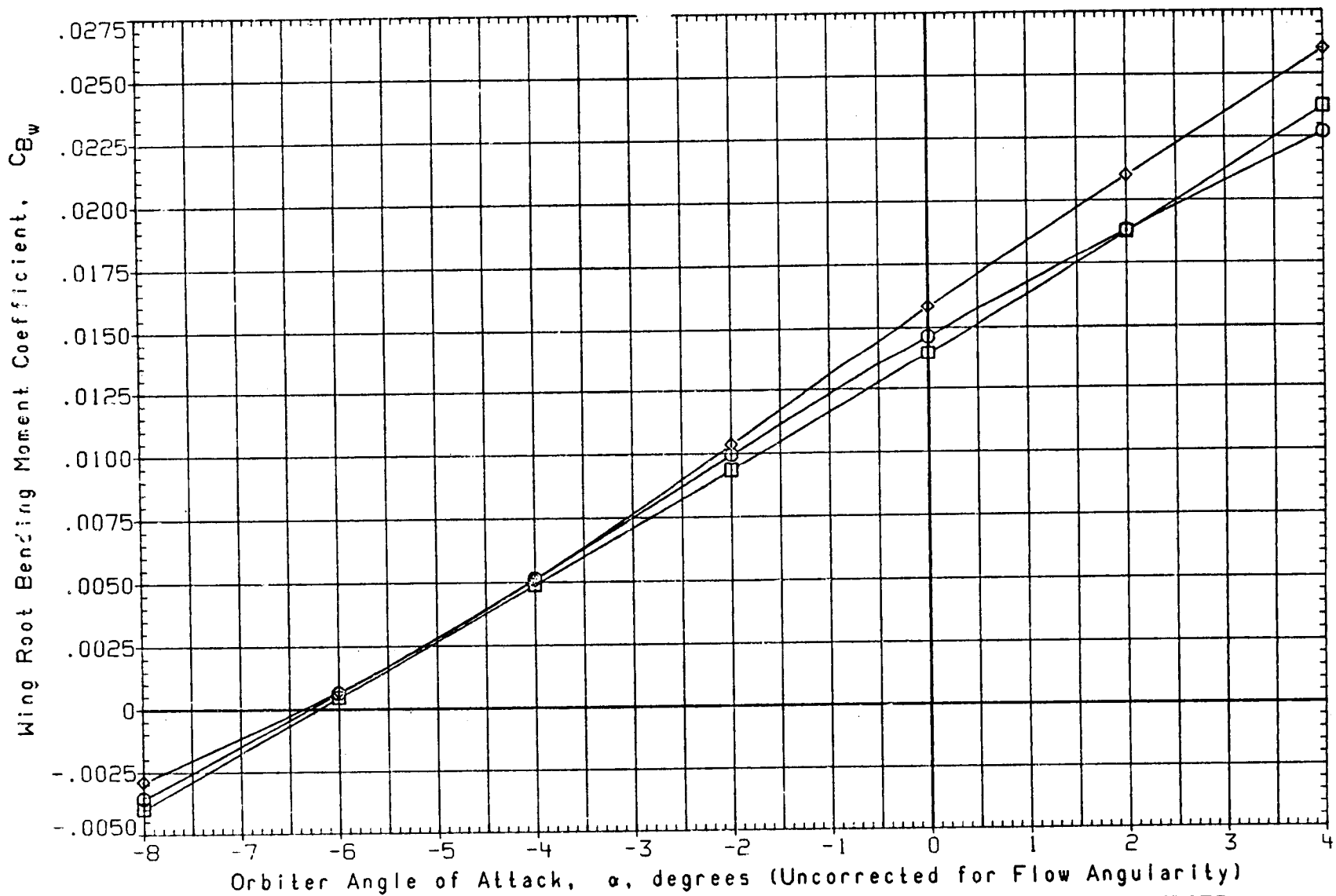


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

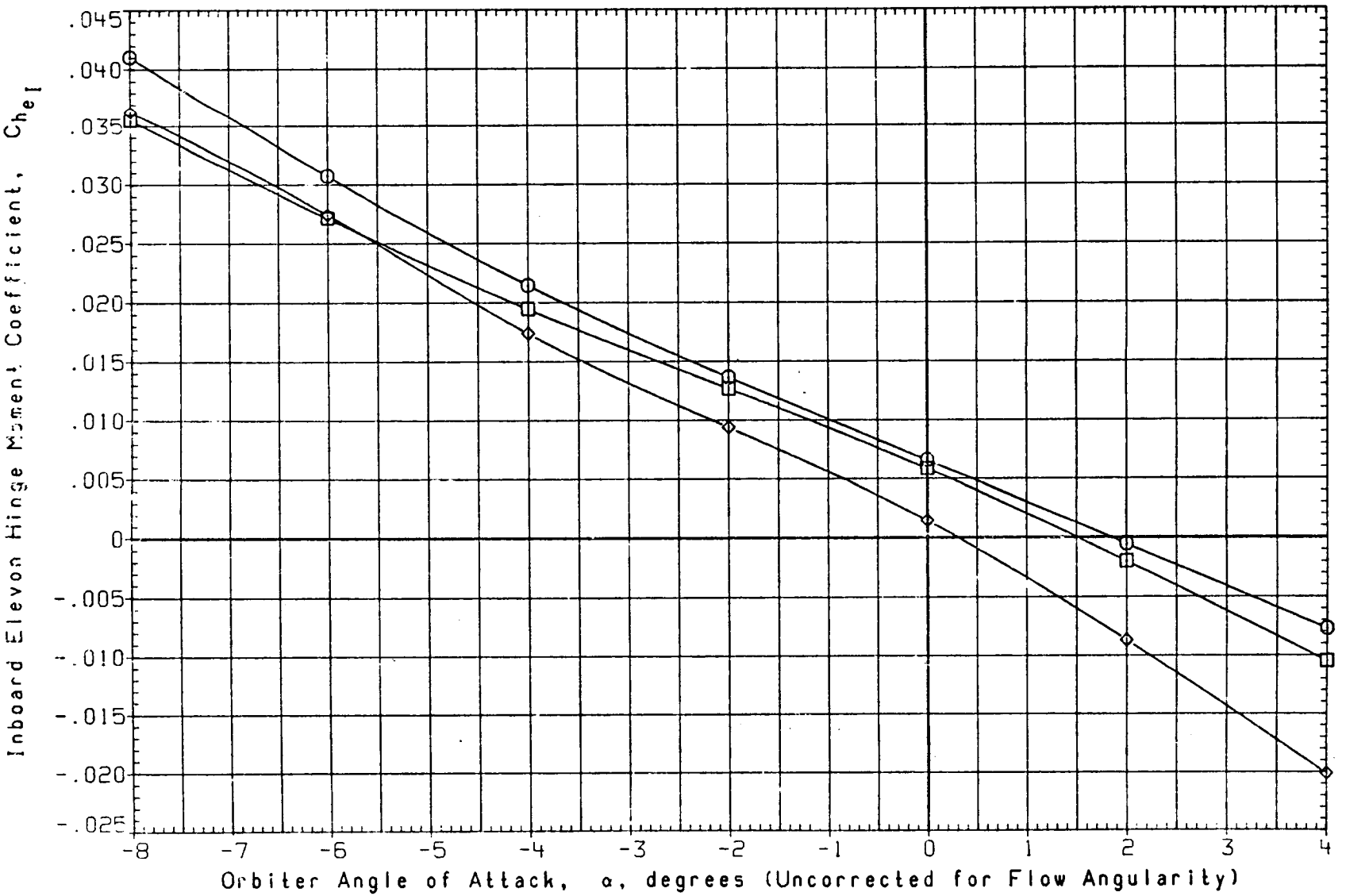


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

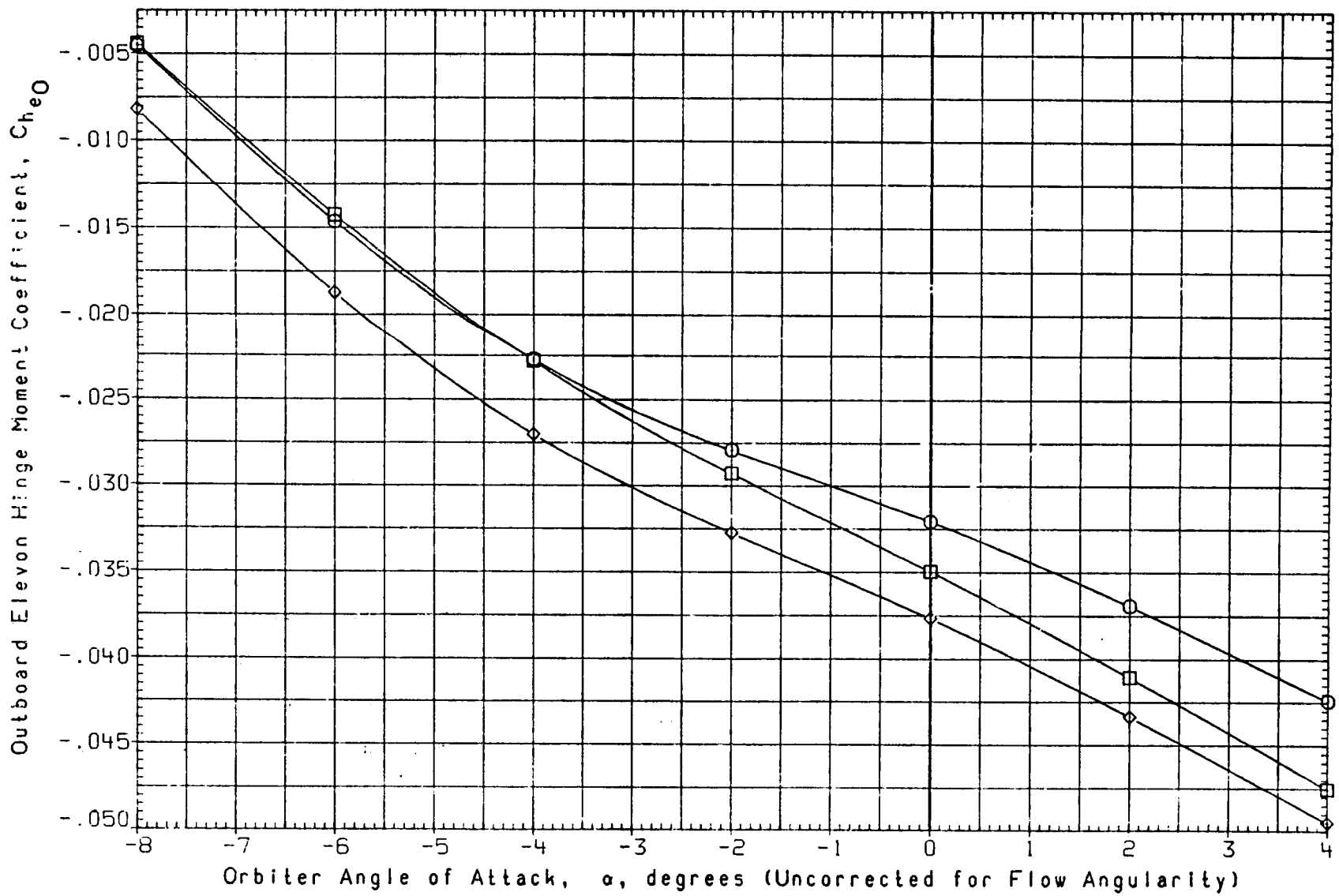


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W37	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

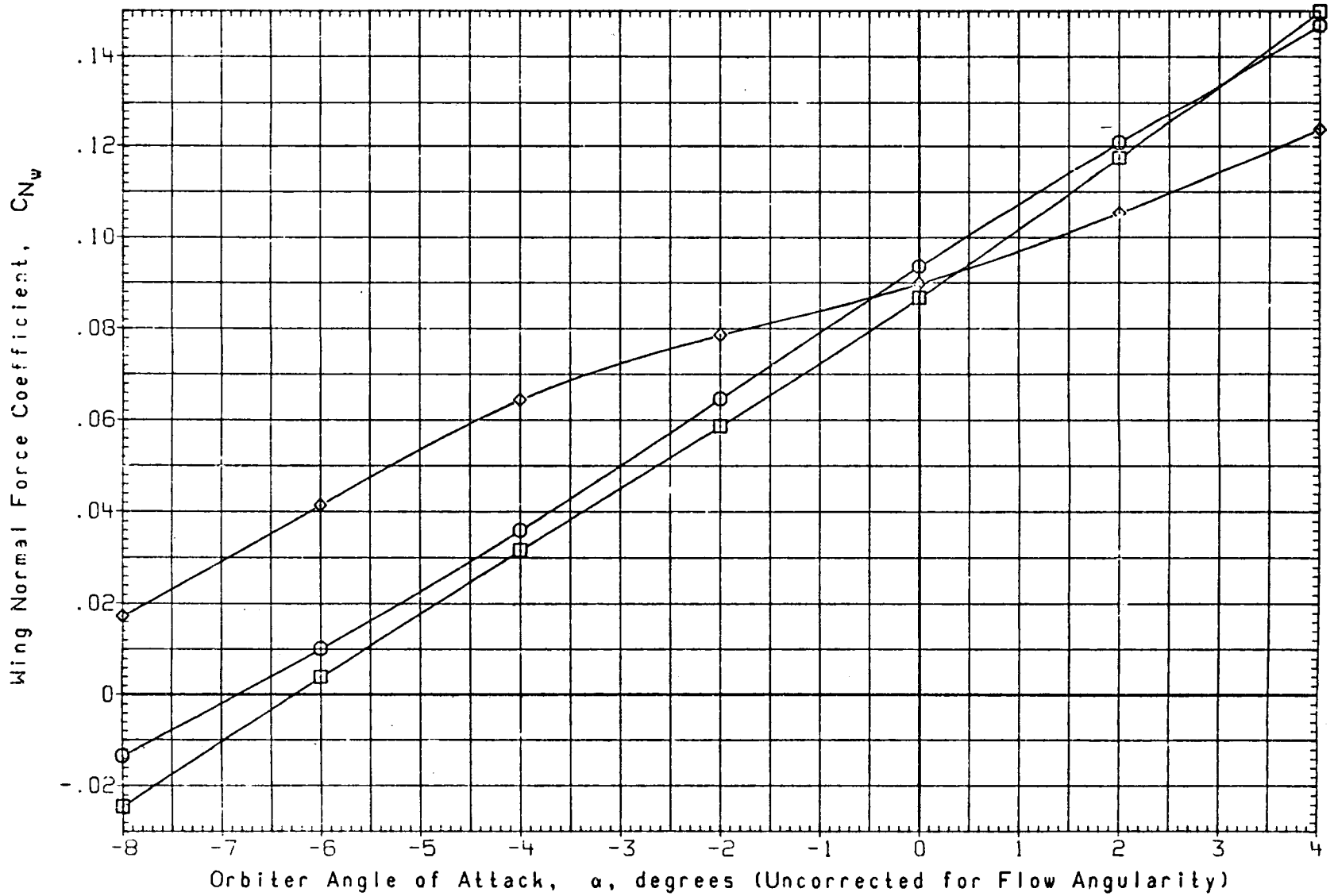


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

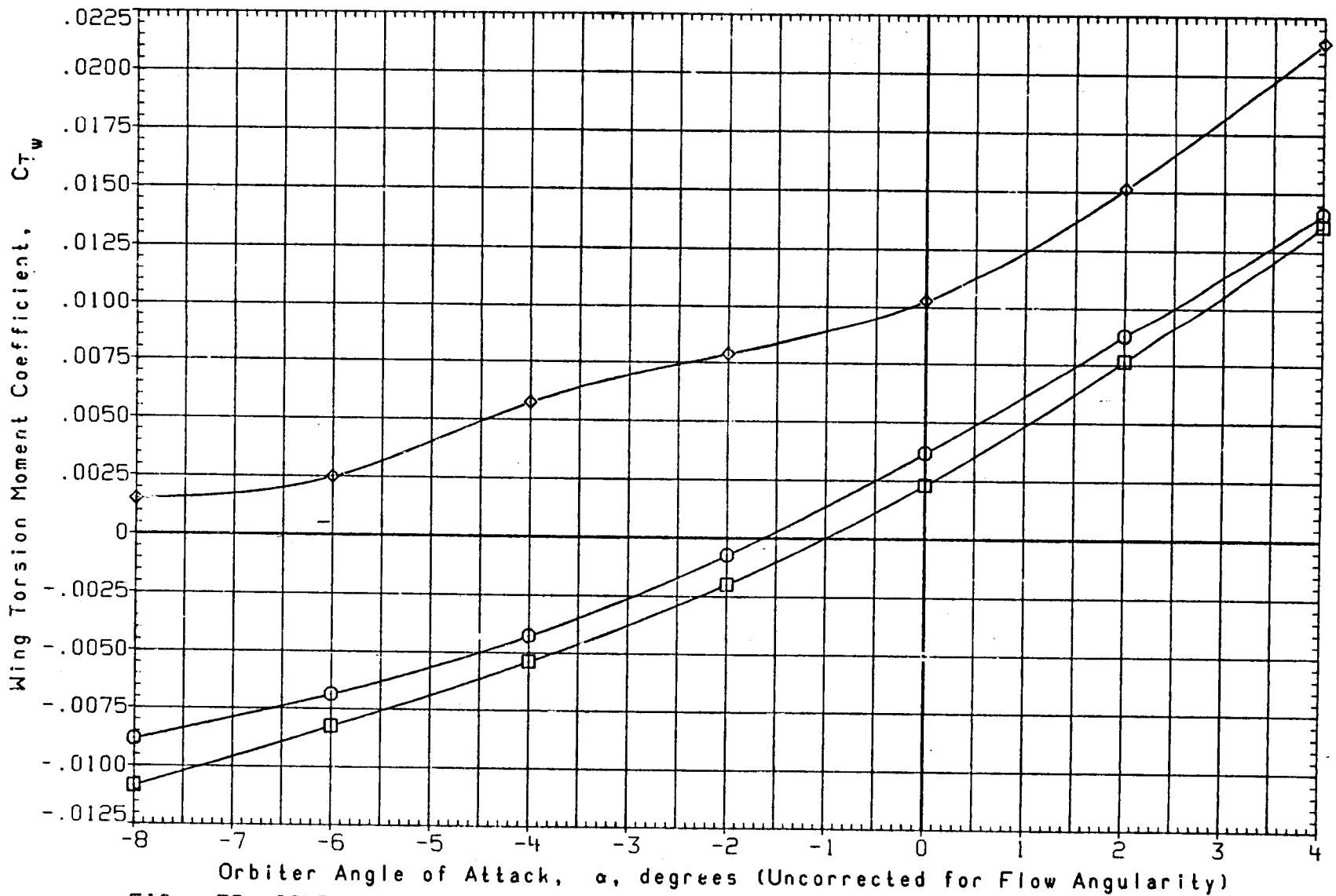


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

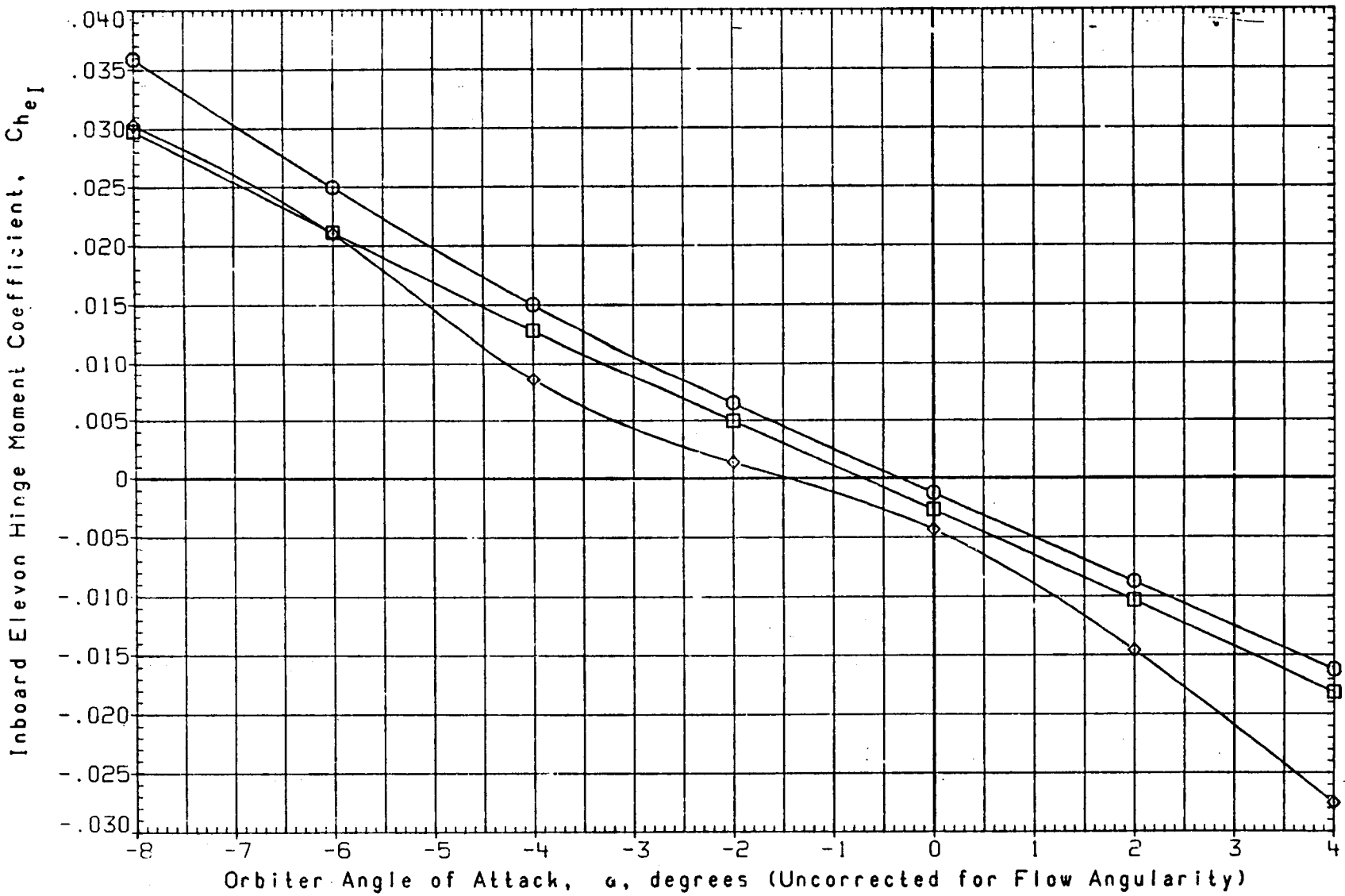


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

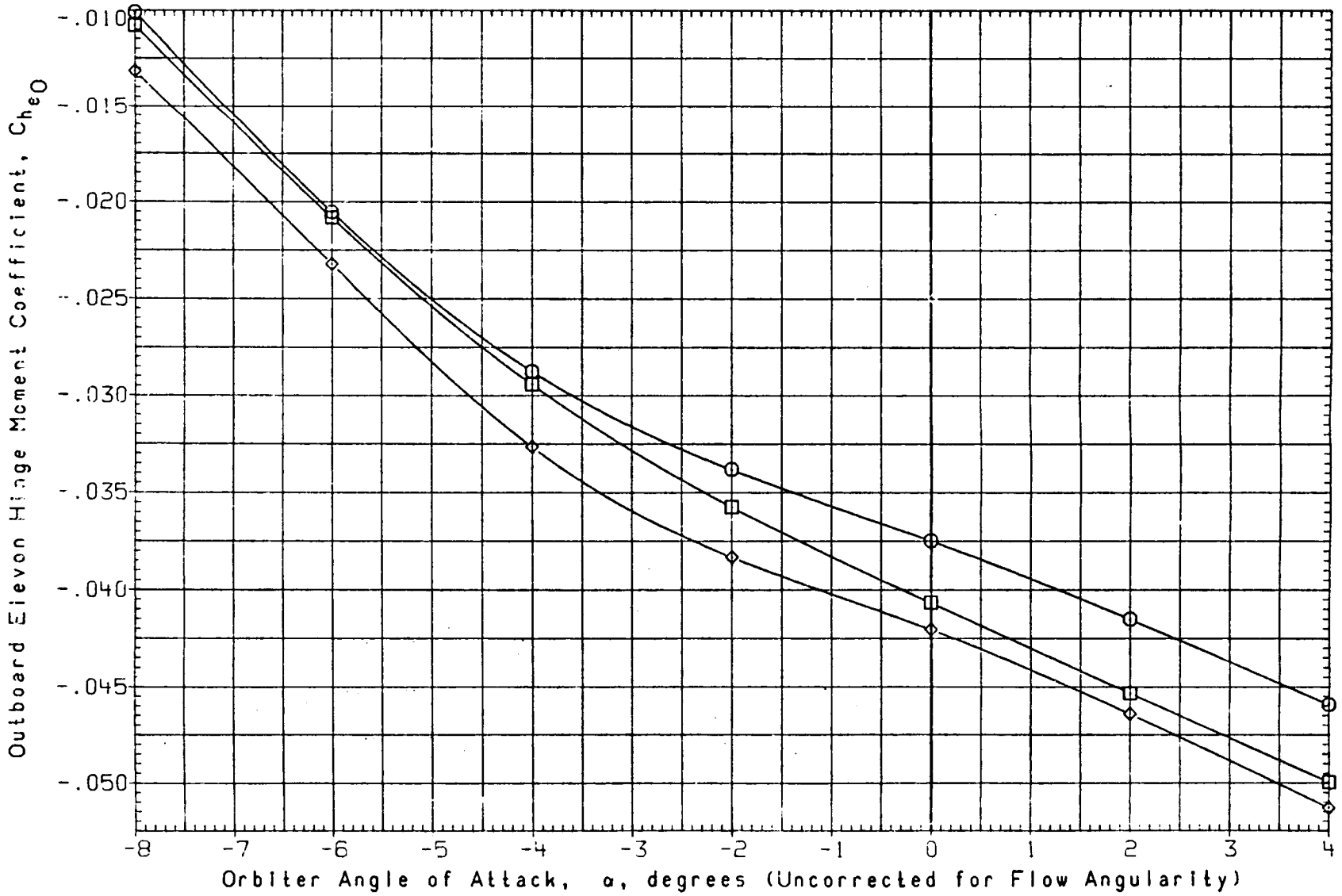


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

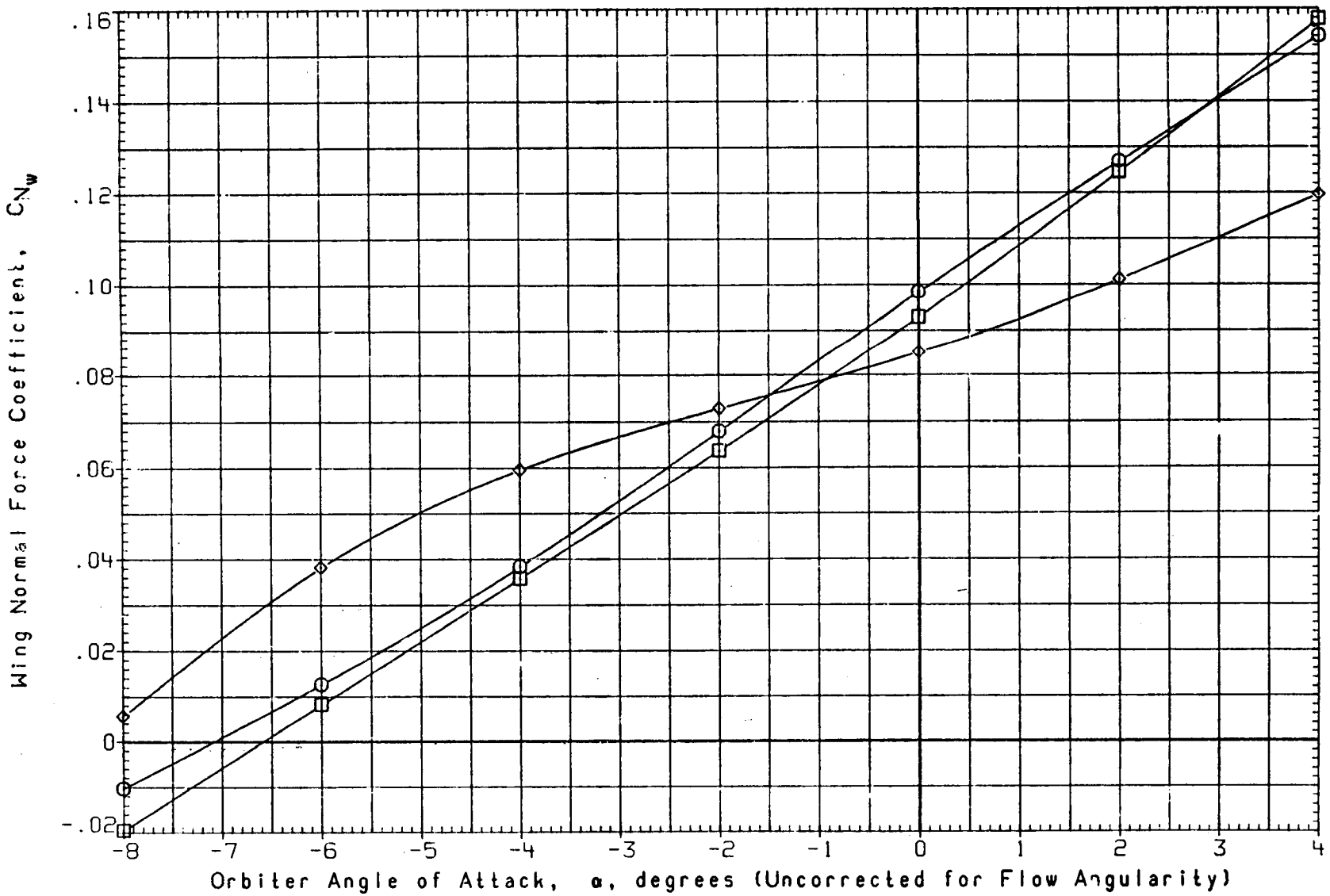


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

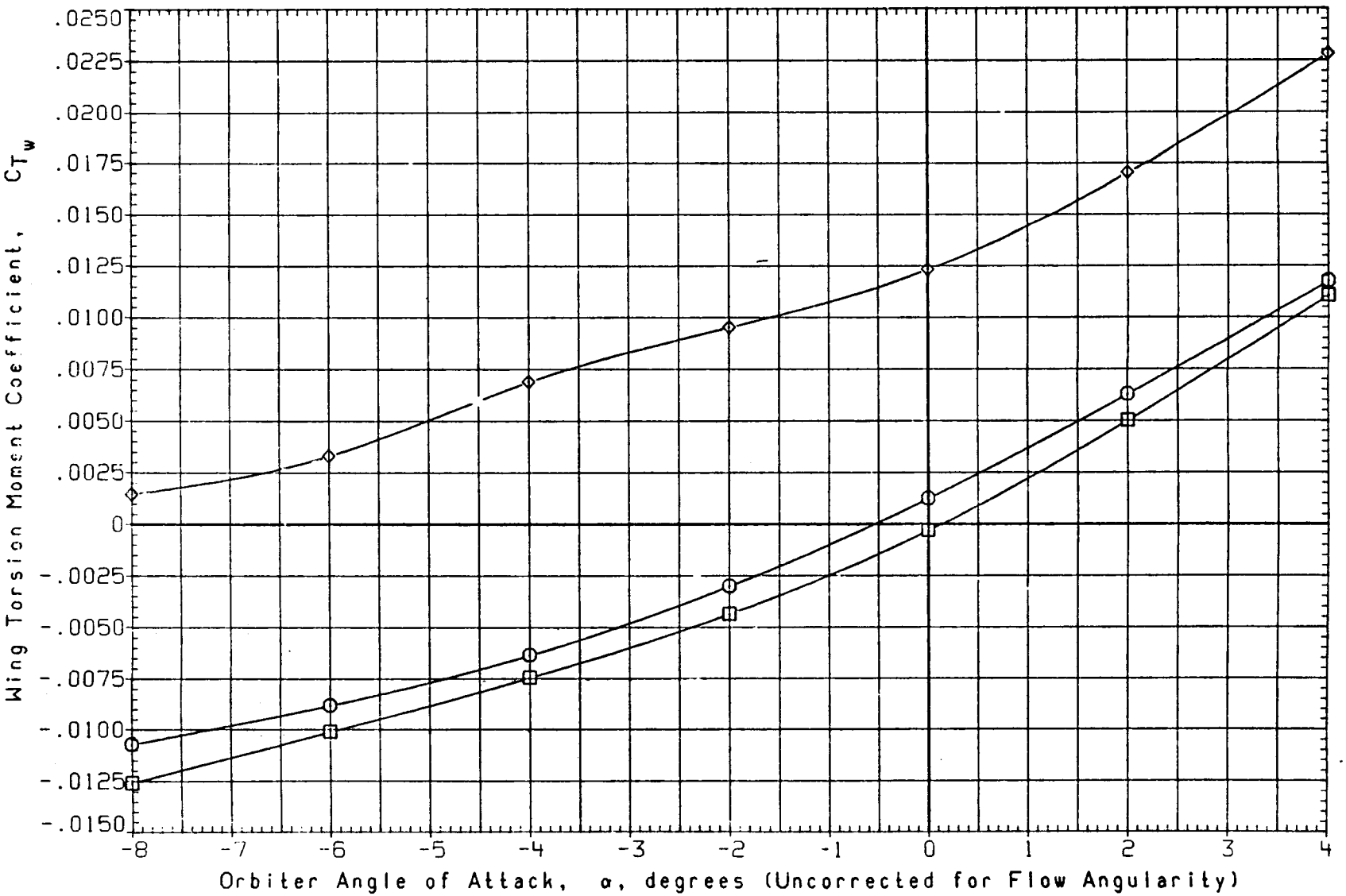


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

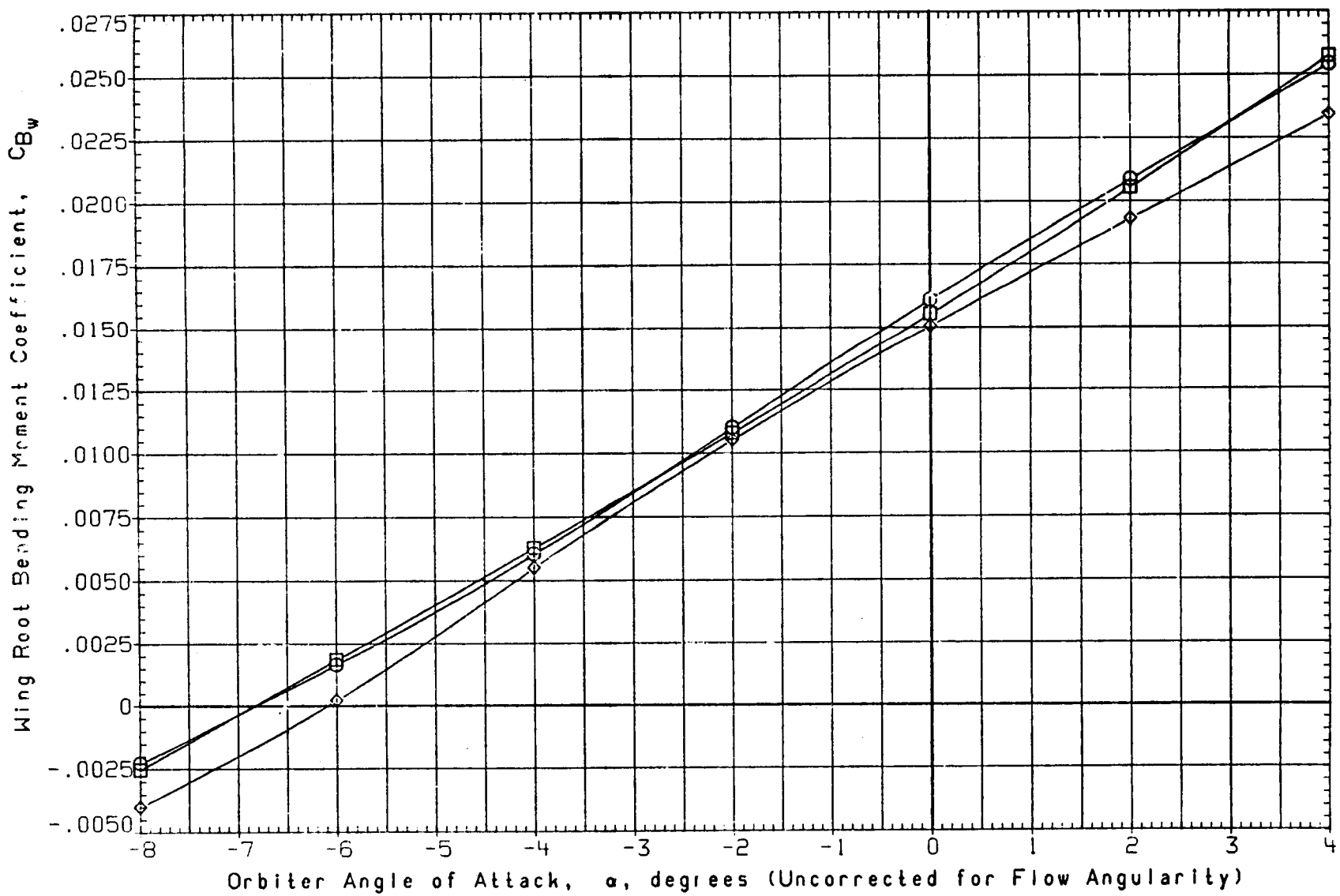


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

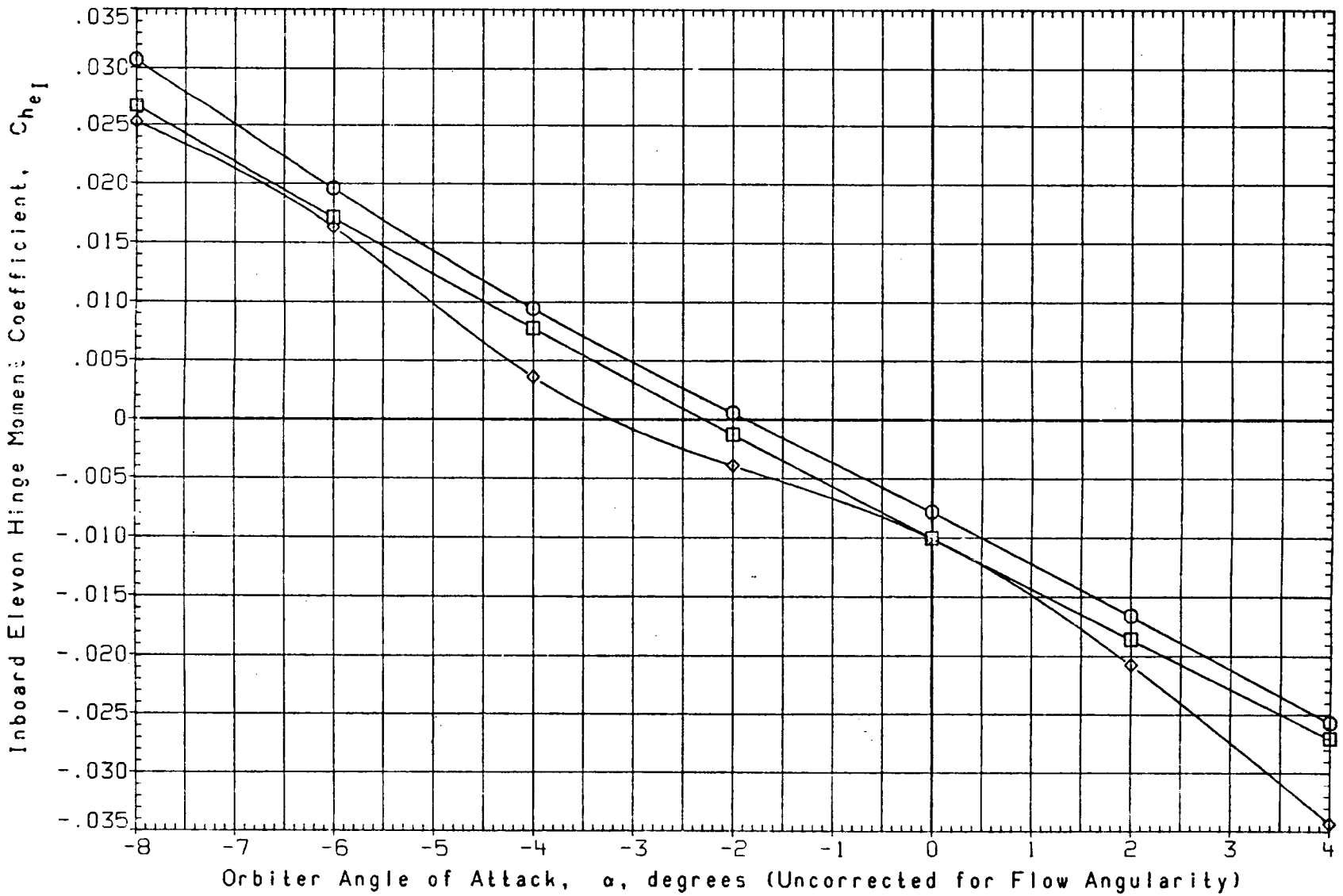


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

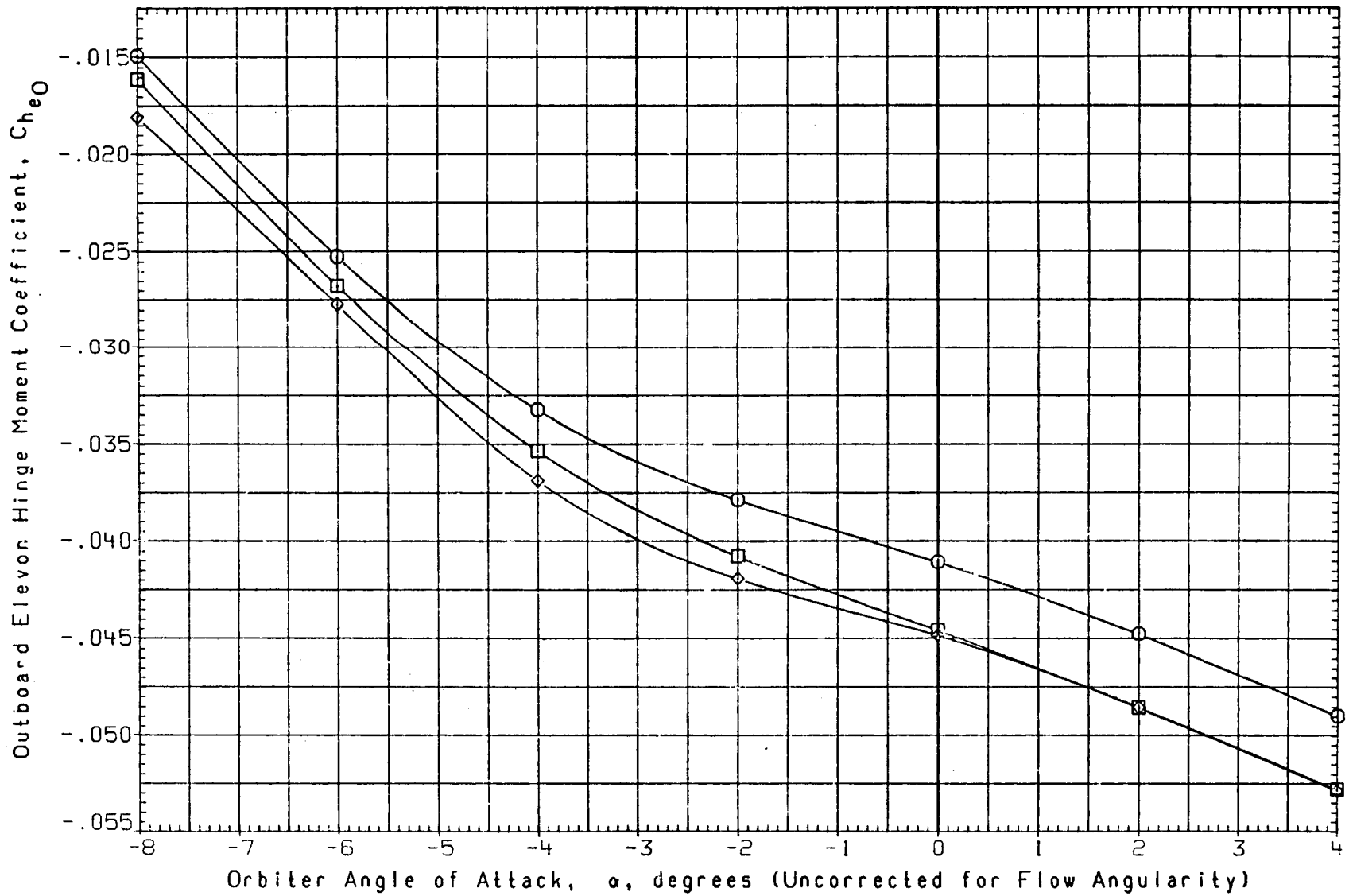


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MX44	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U2NW51	◇	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

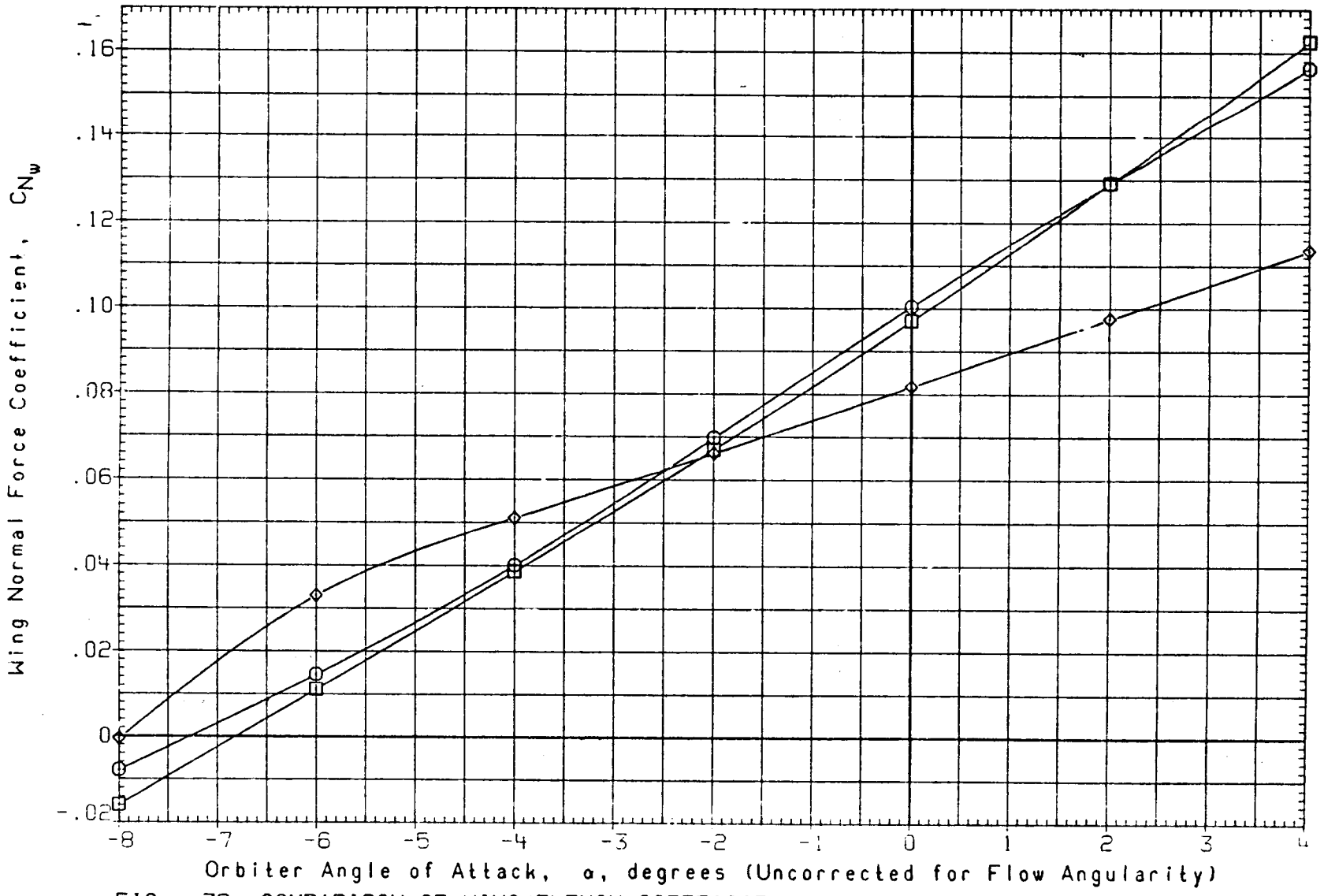


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA155A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

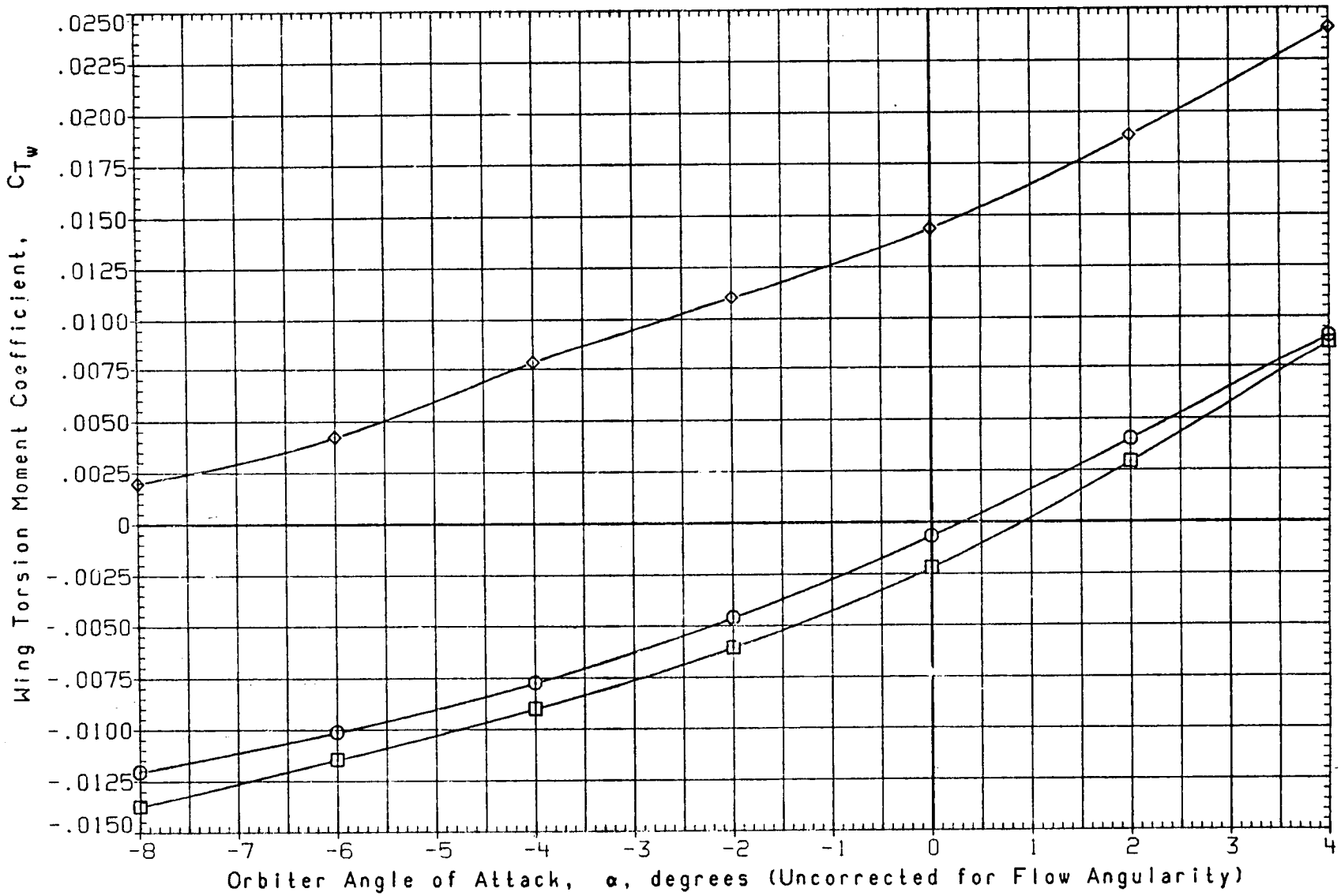


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U9MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

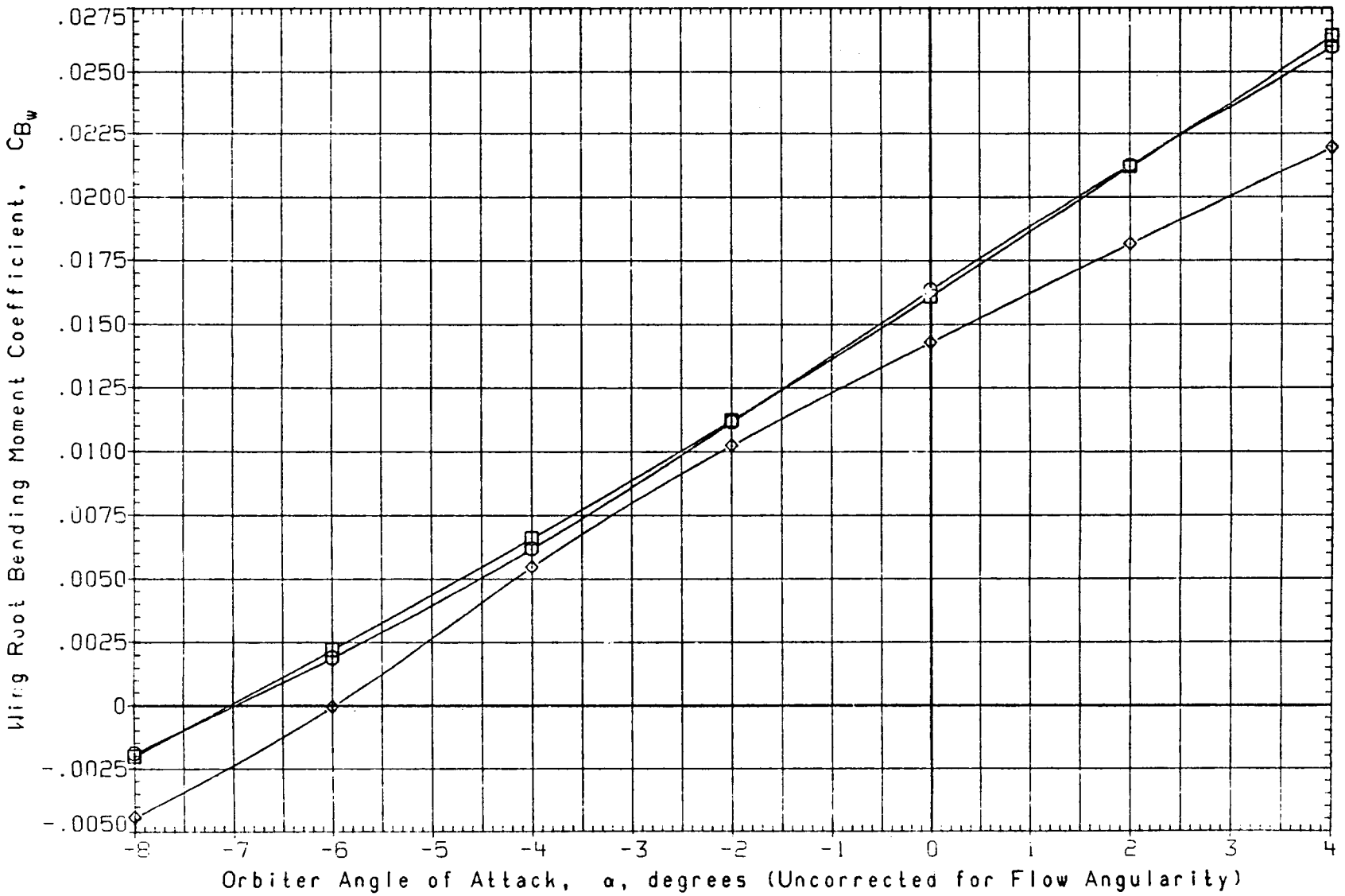


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

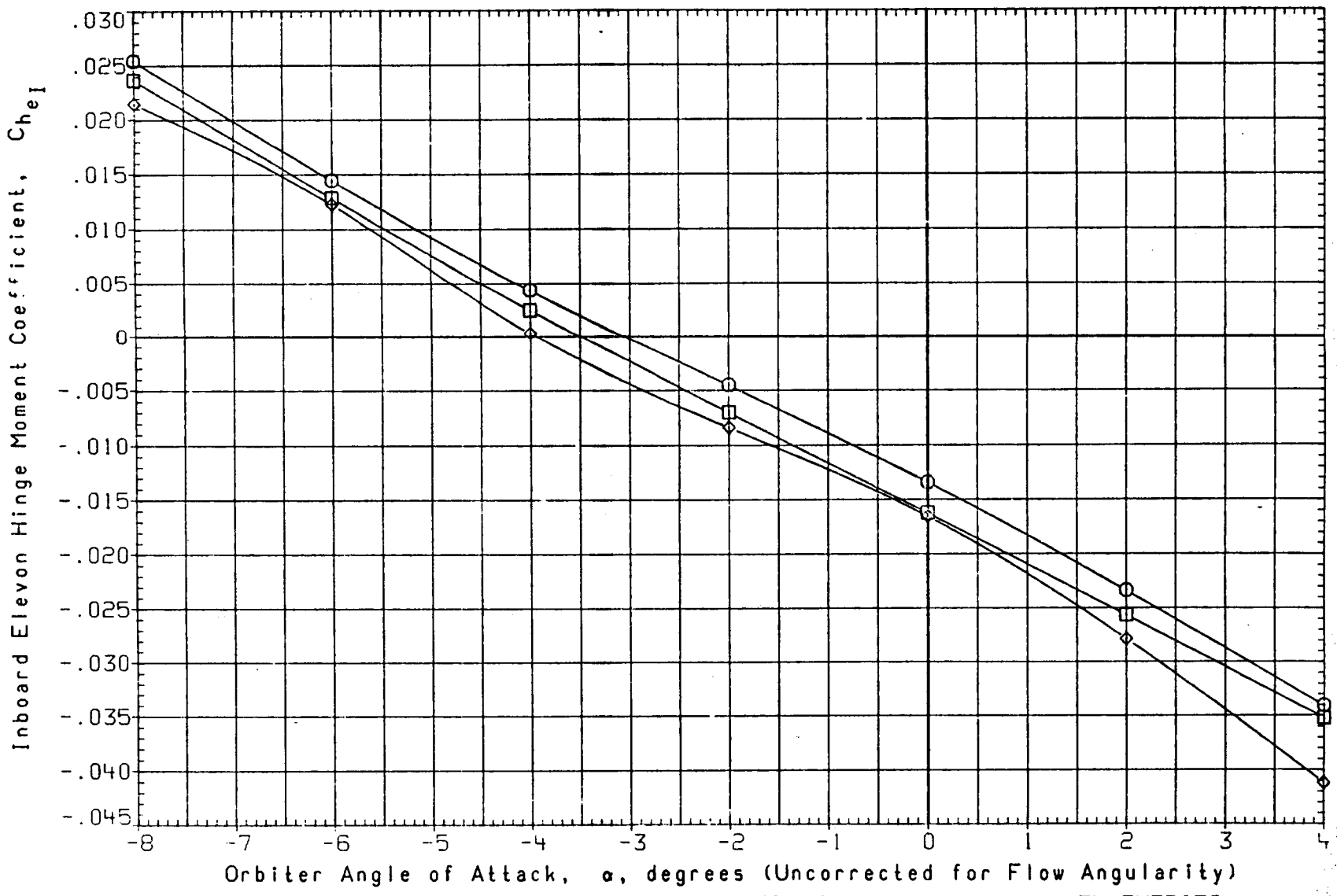


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA103A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

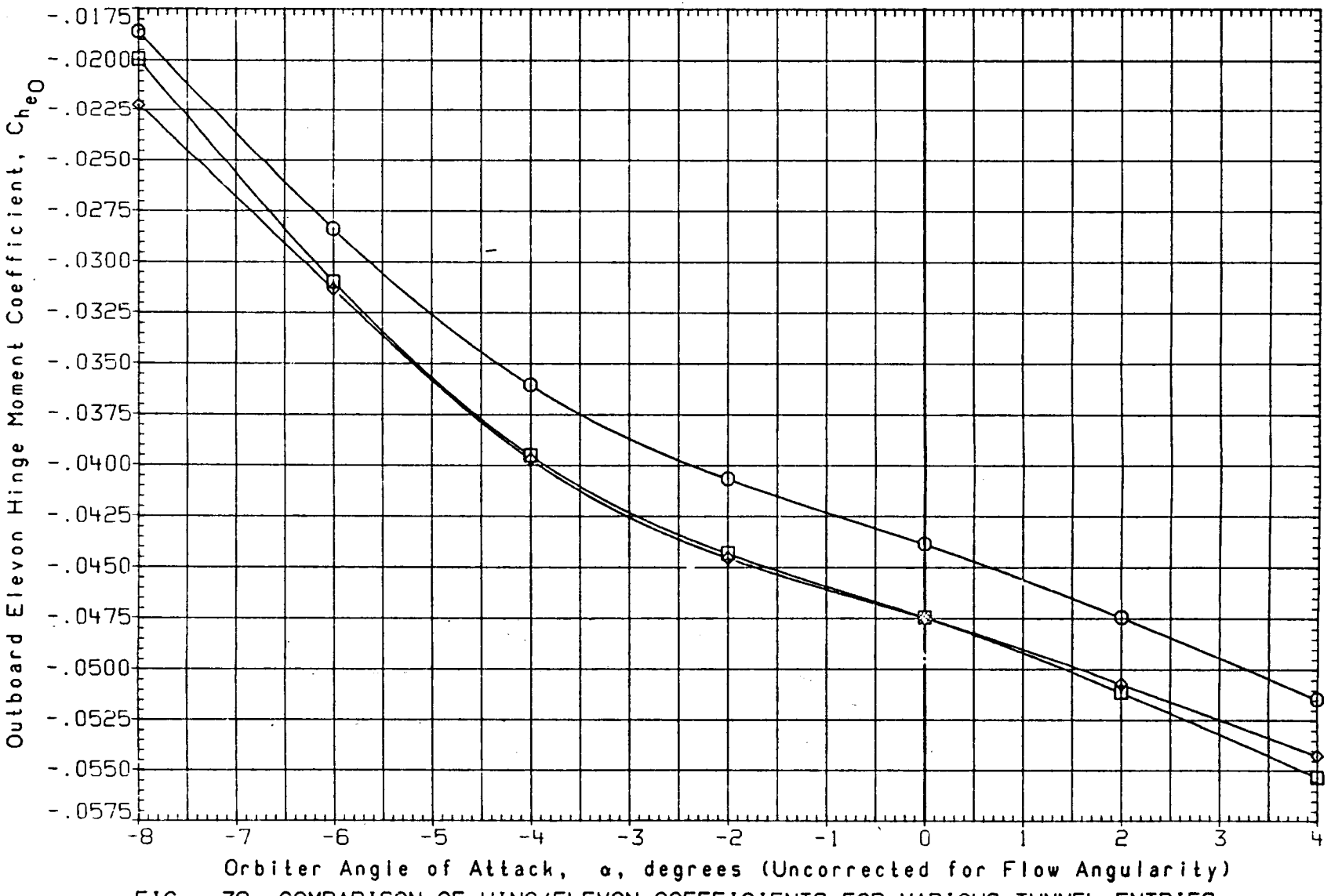


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

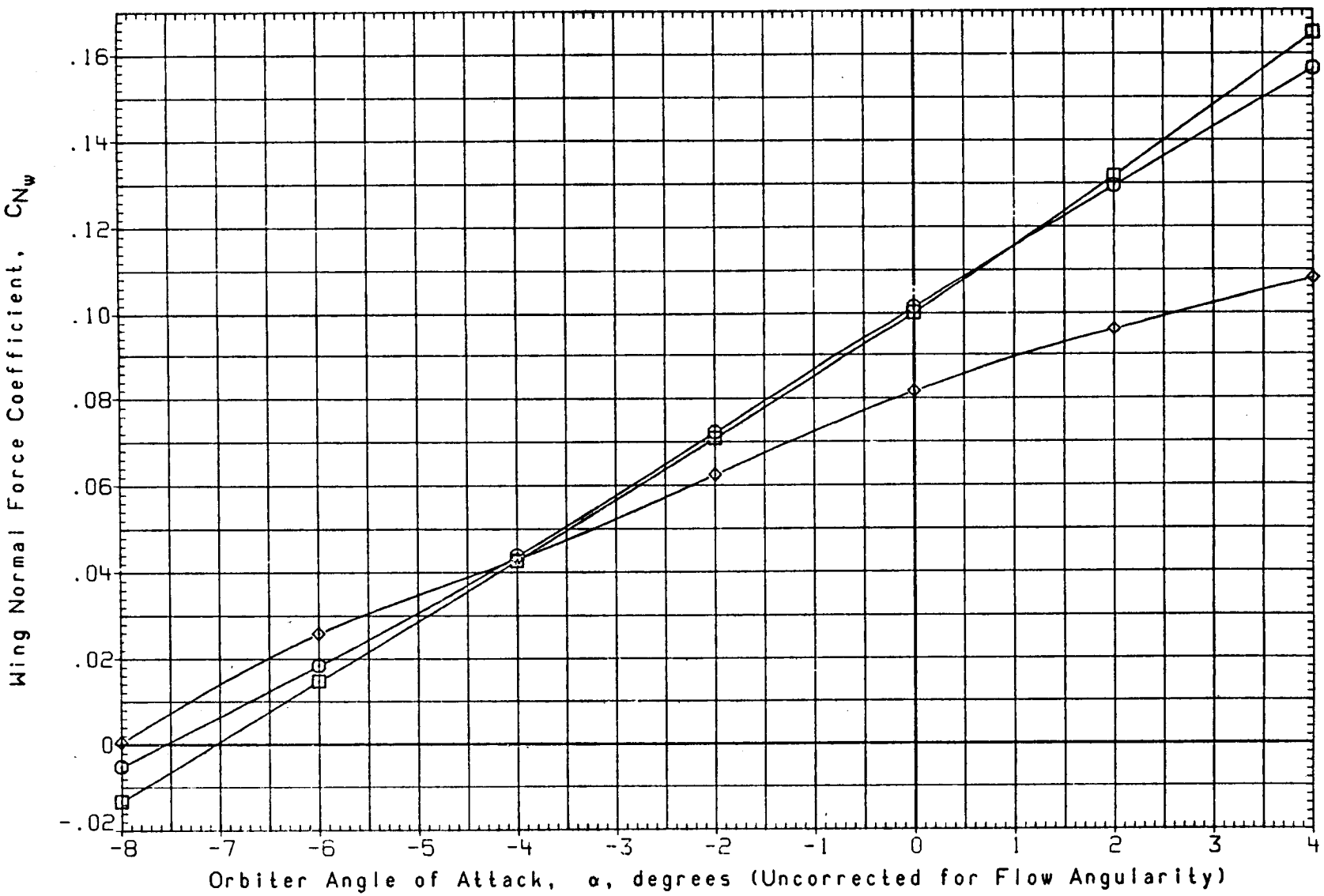


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U9MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

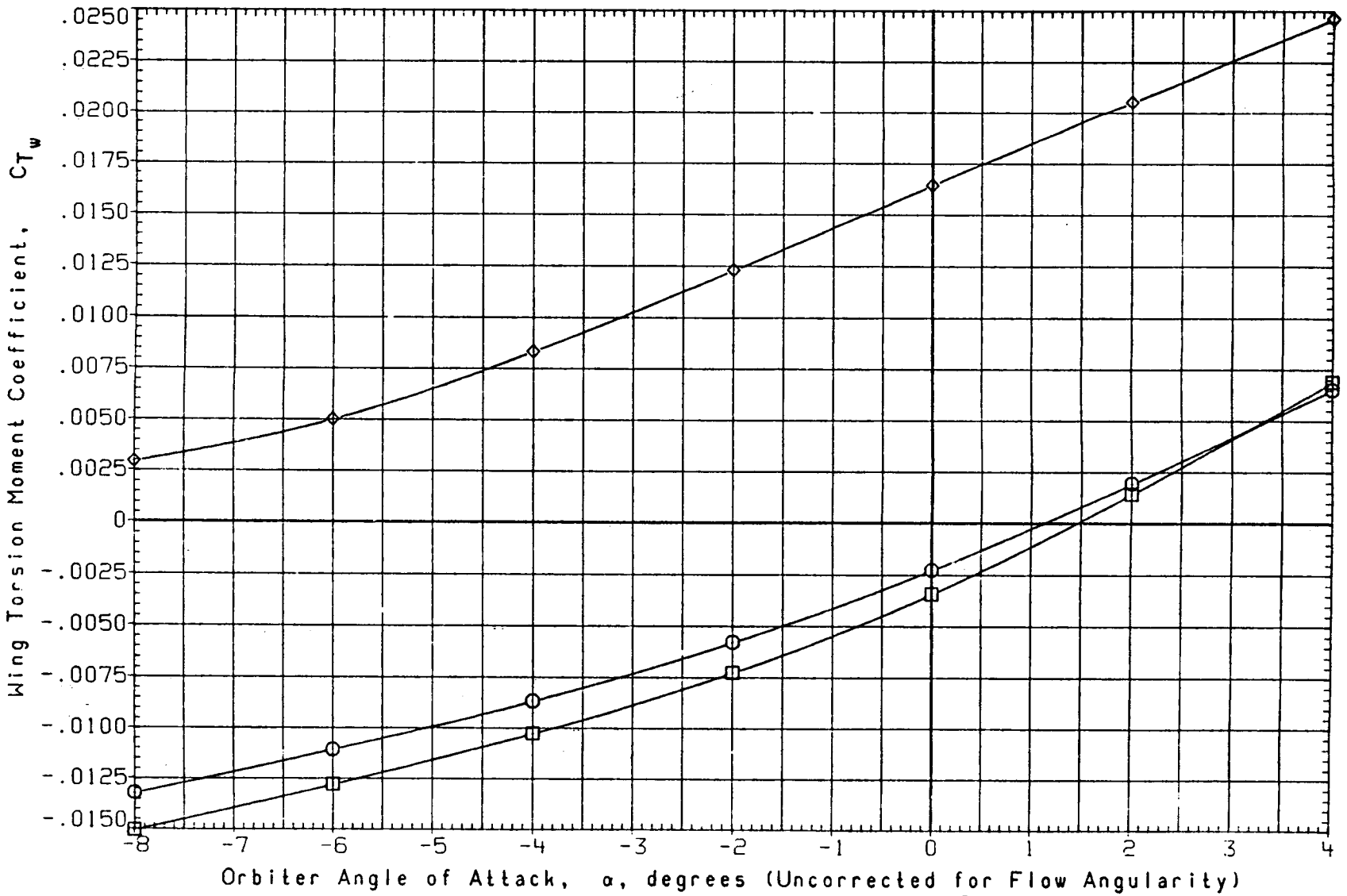


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80W07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

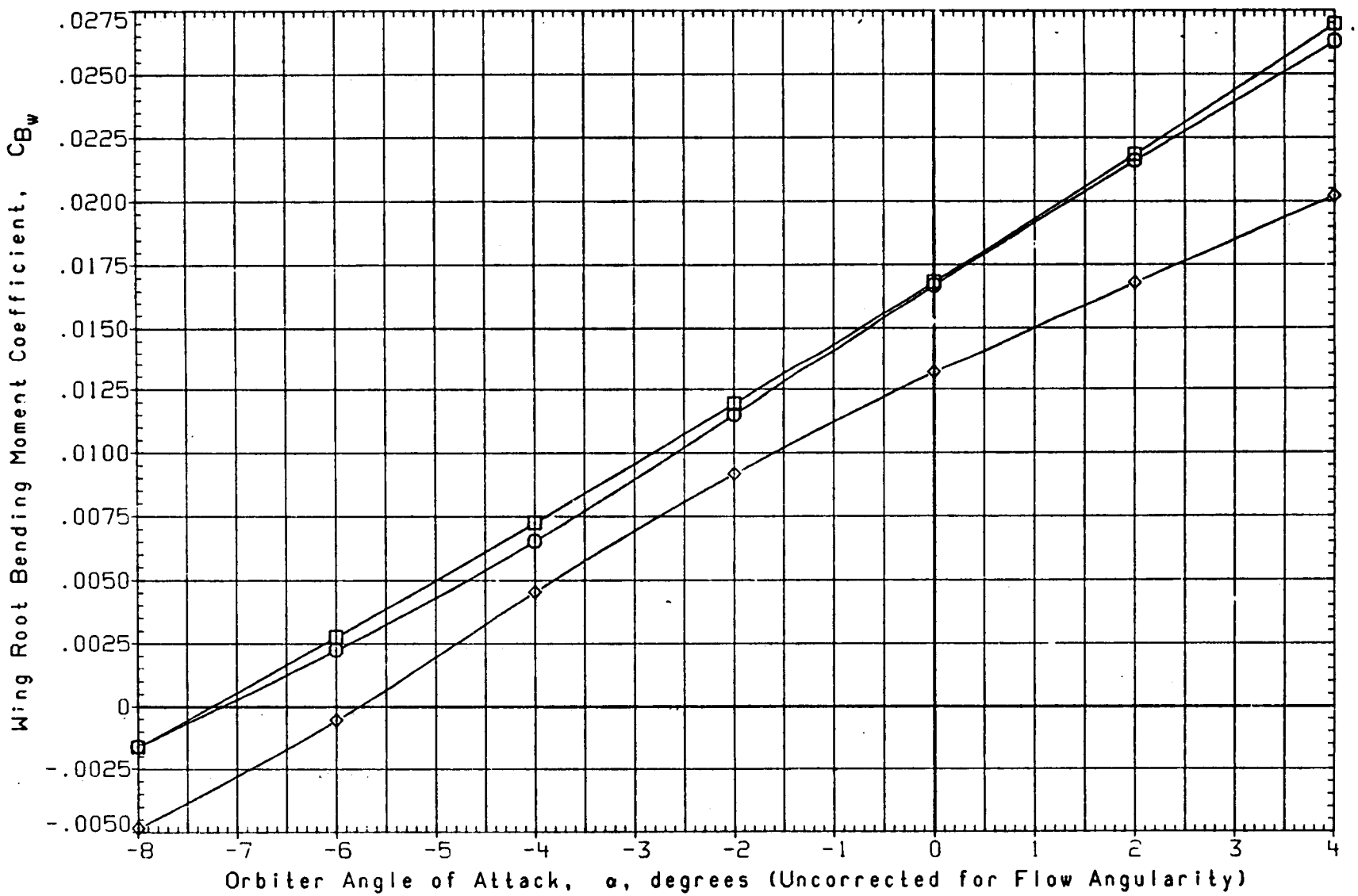


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OWO7	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

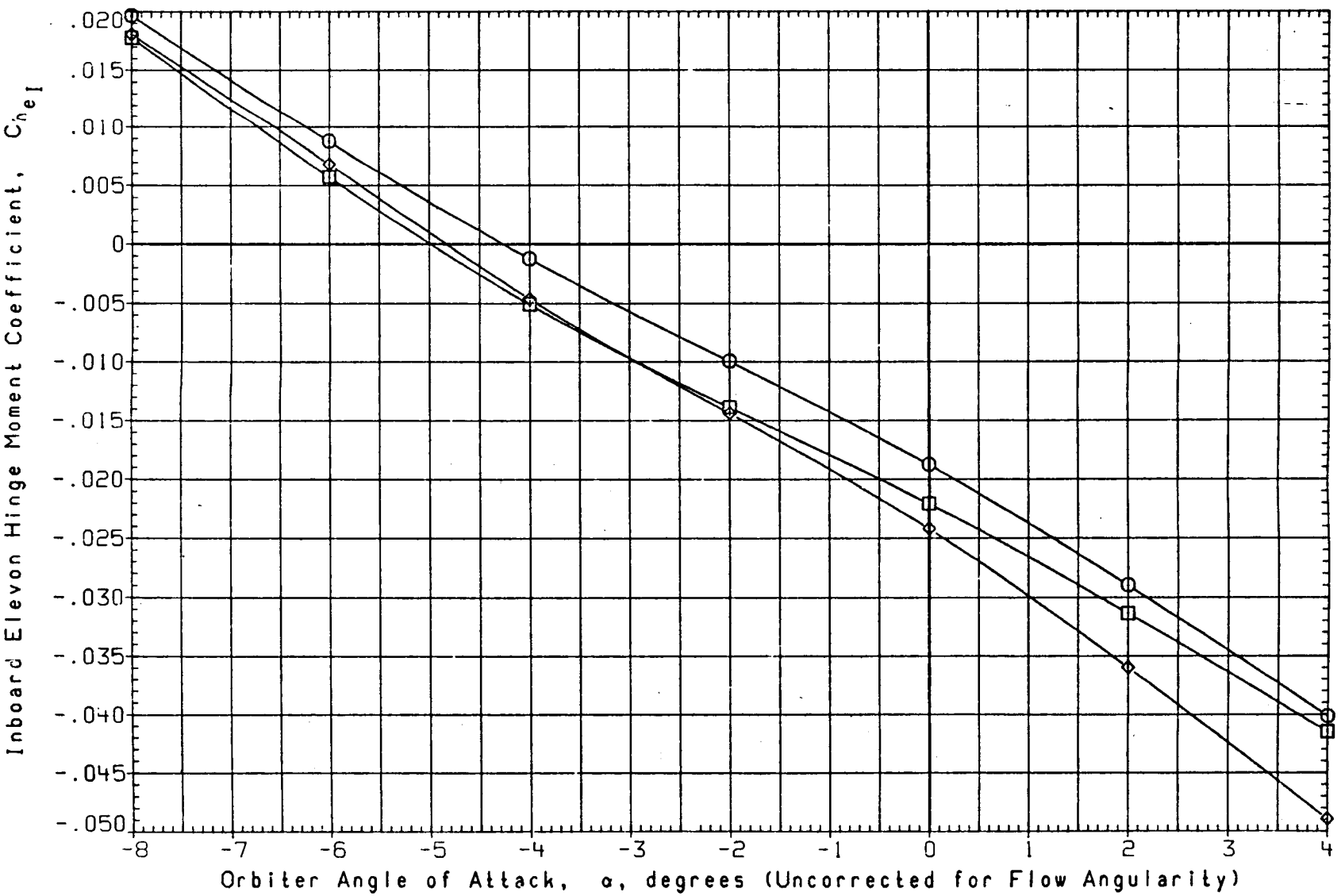


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OW07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MW44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NW51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

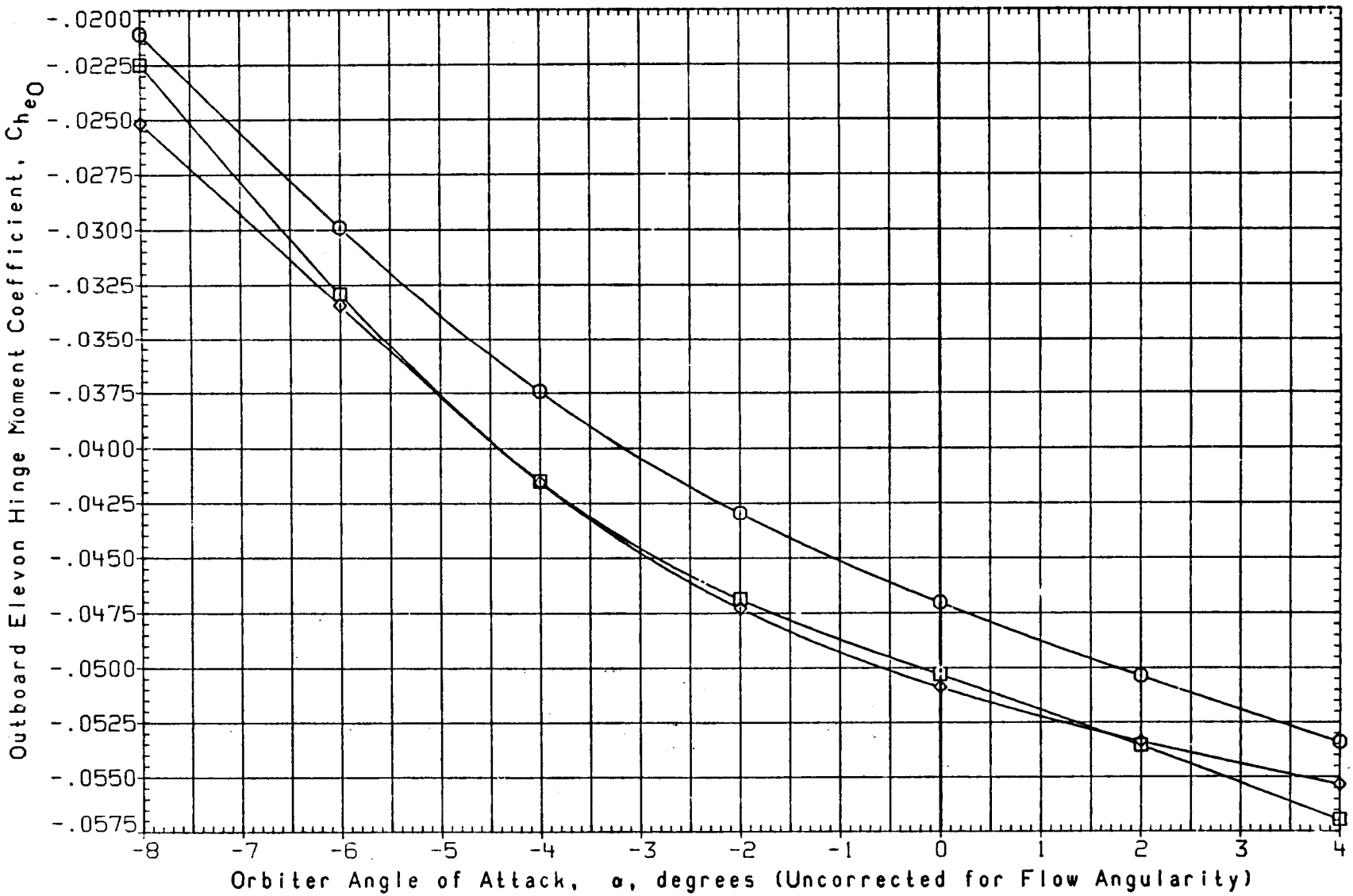


FIG. 38 COMPARISON OF WING/ELEVON COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U6OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
C8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

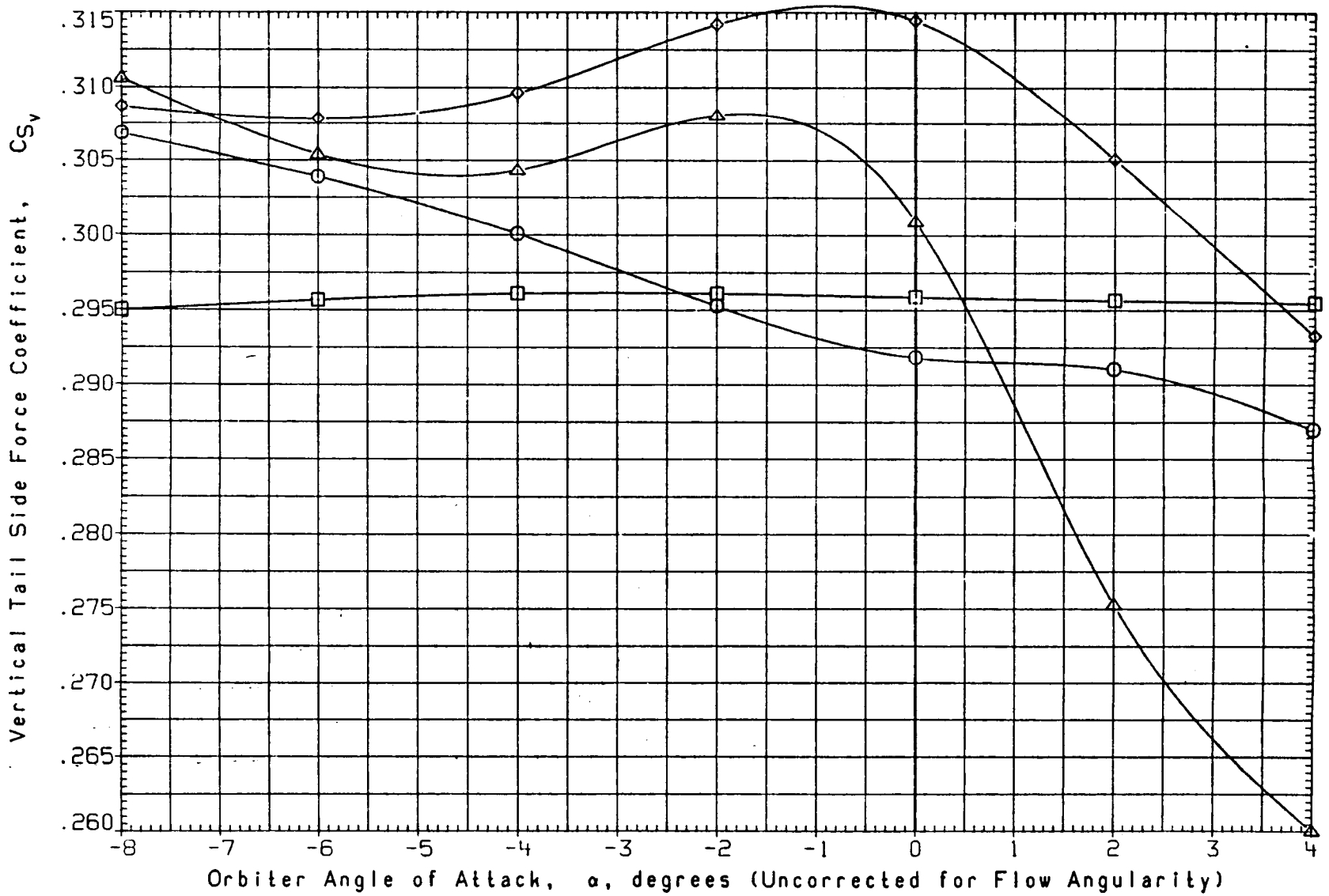


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
C8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

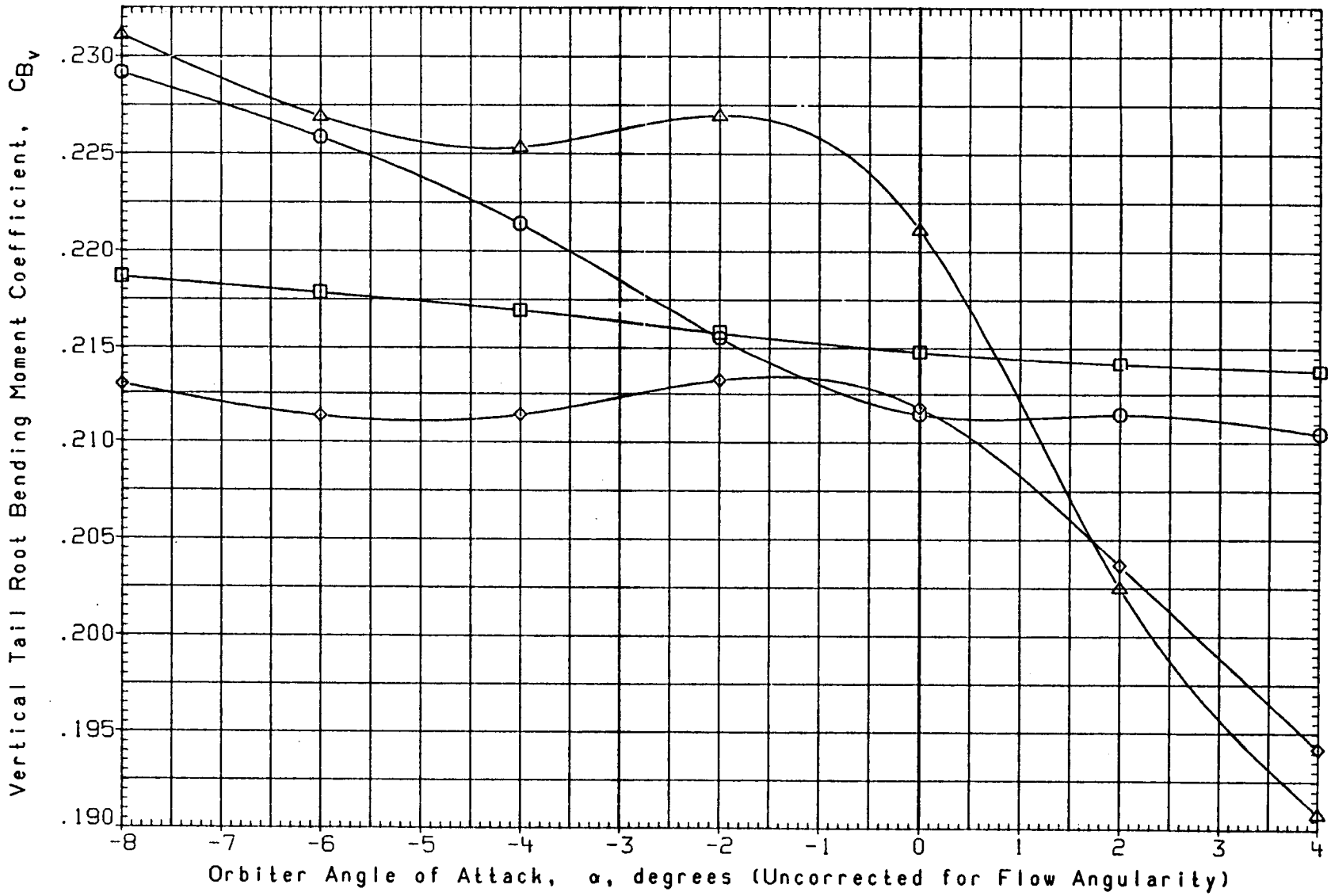


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8QV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

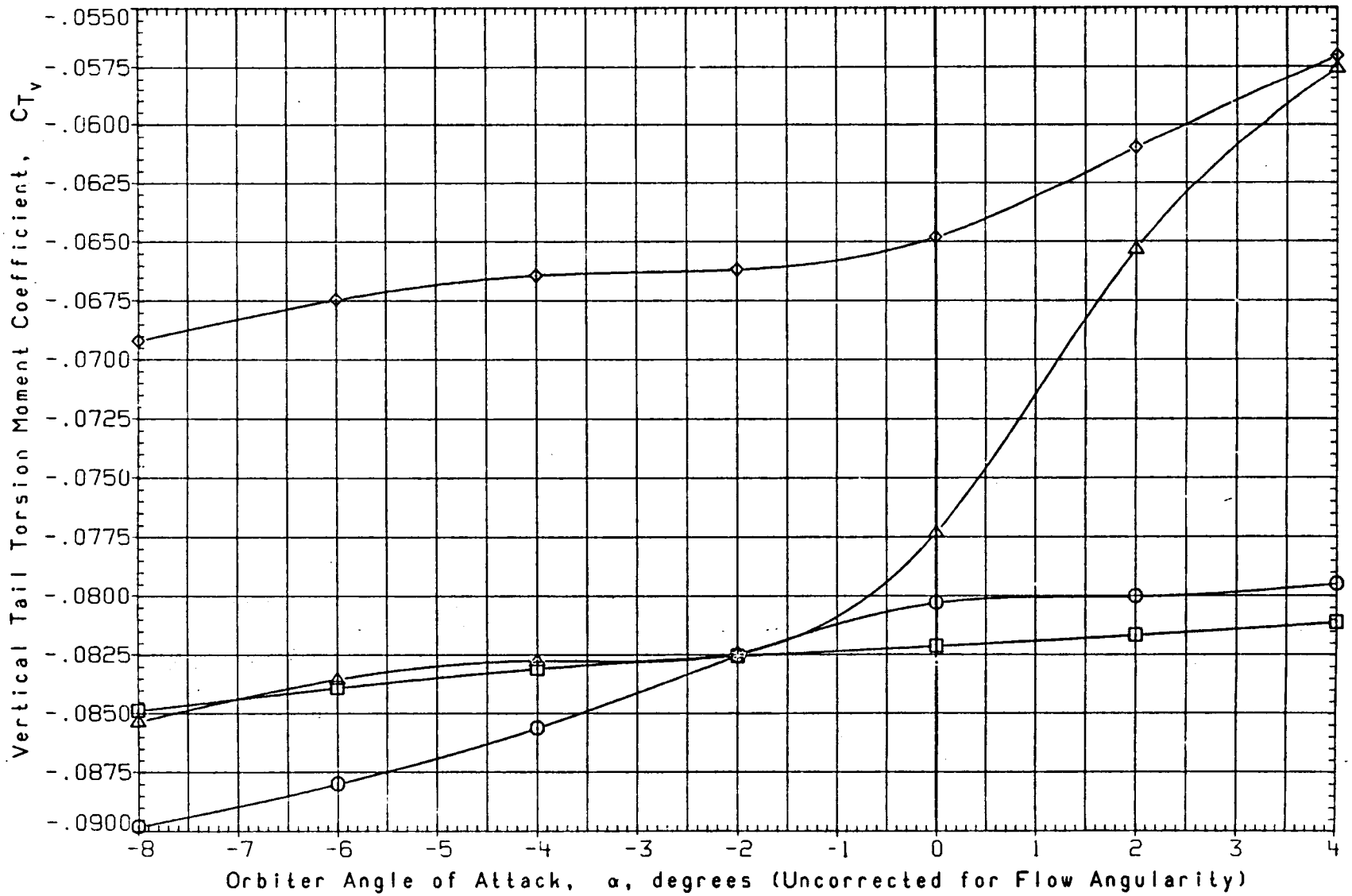


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

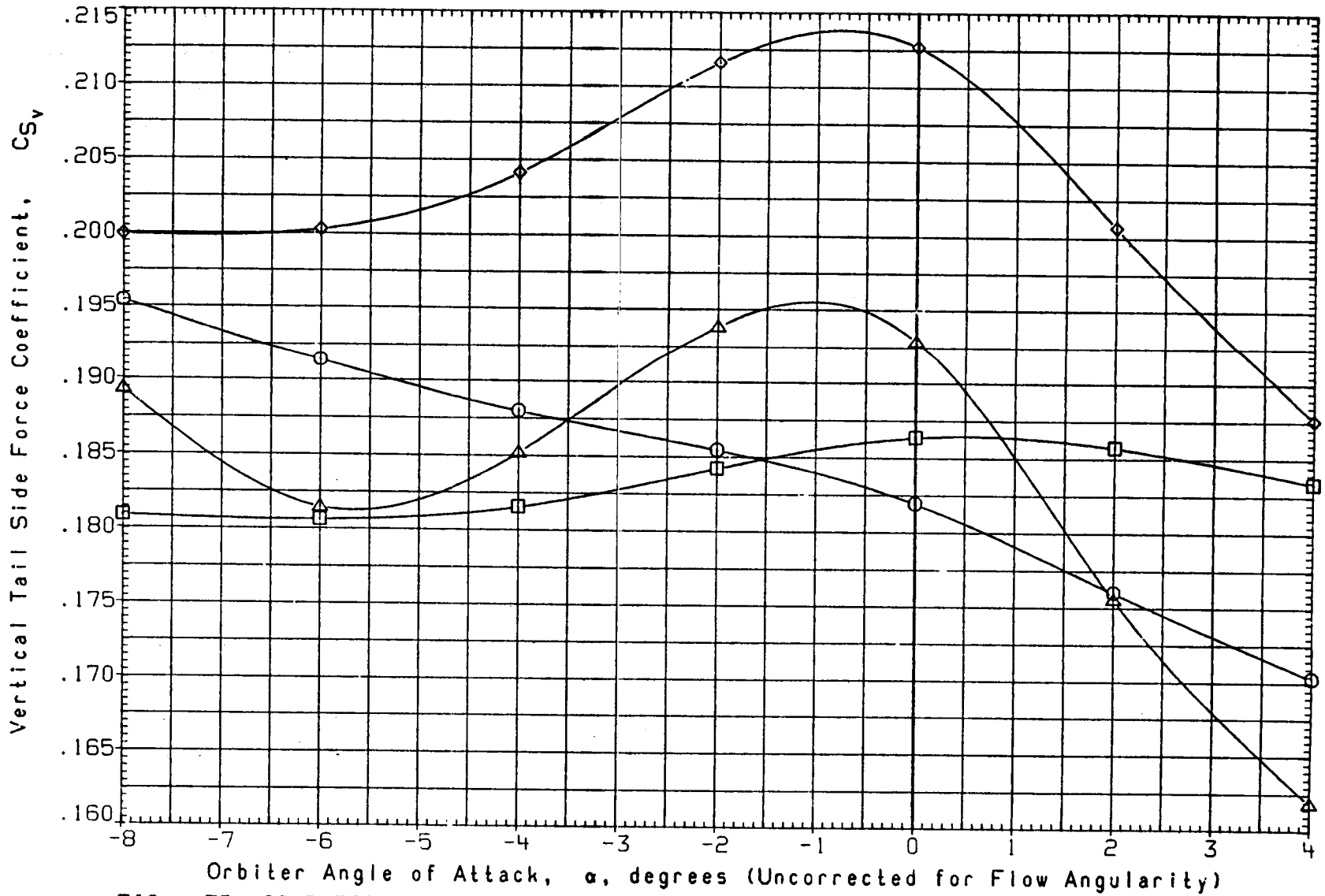


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

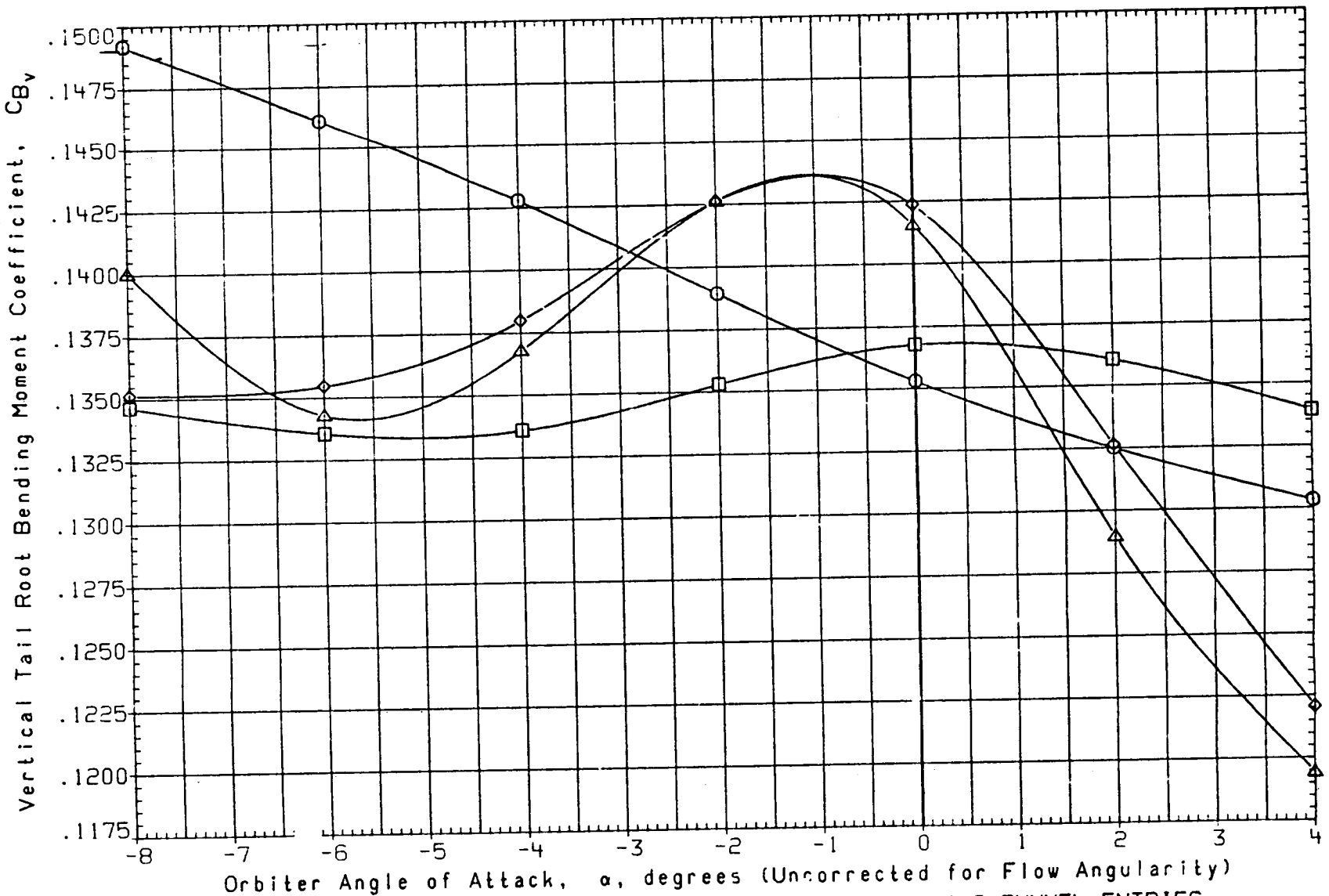


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
C8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

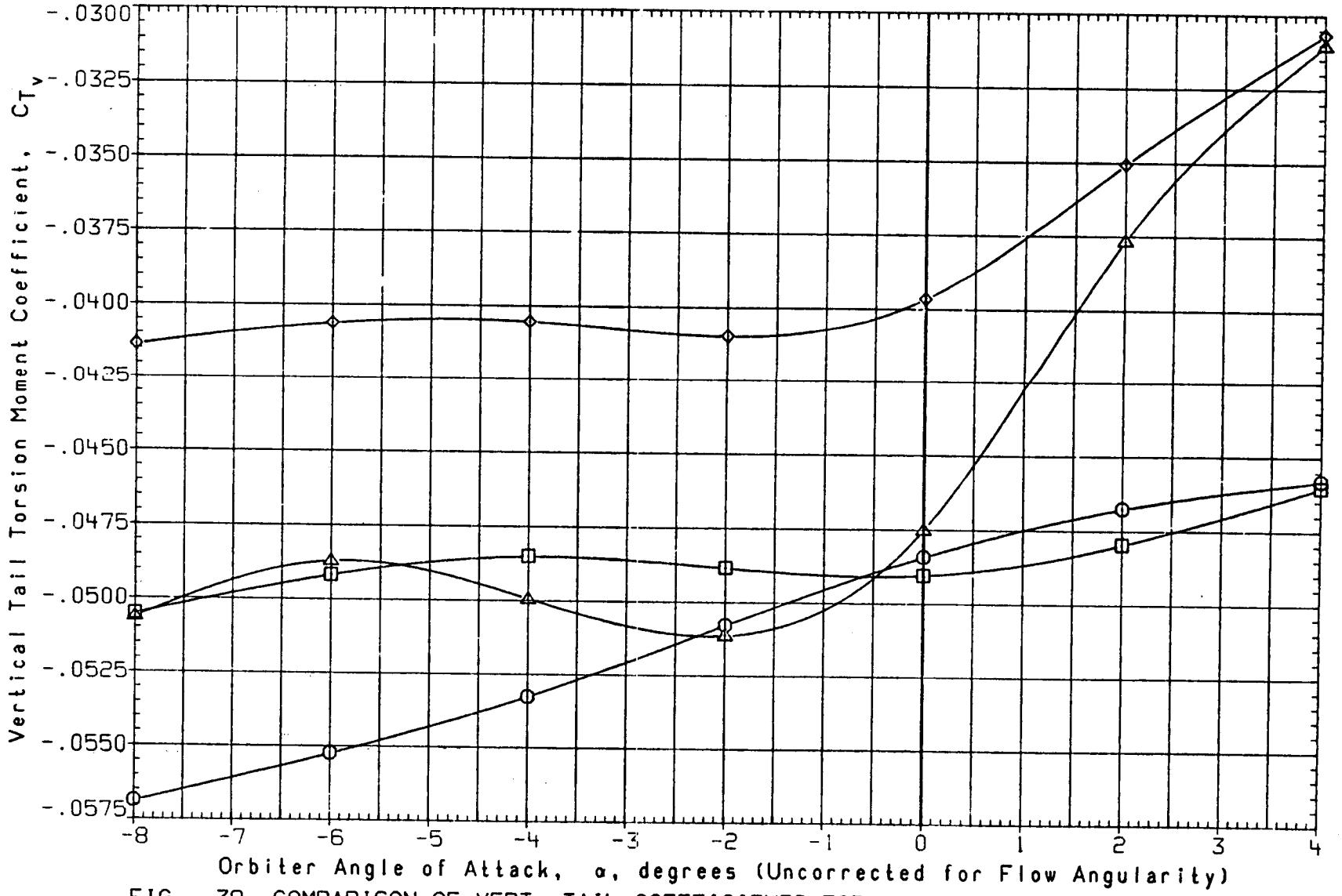


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

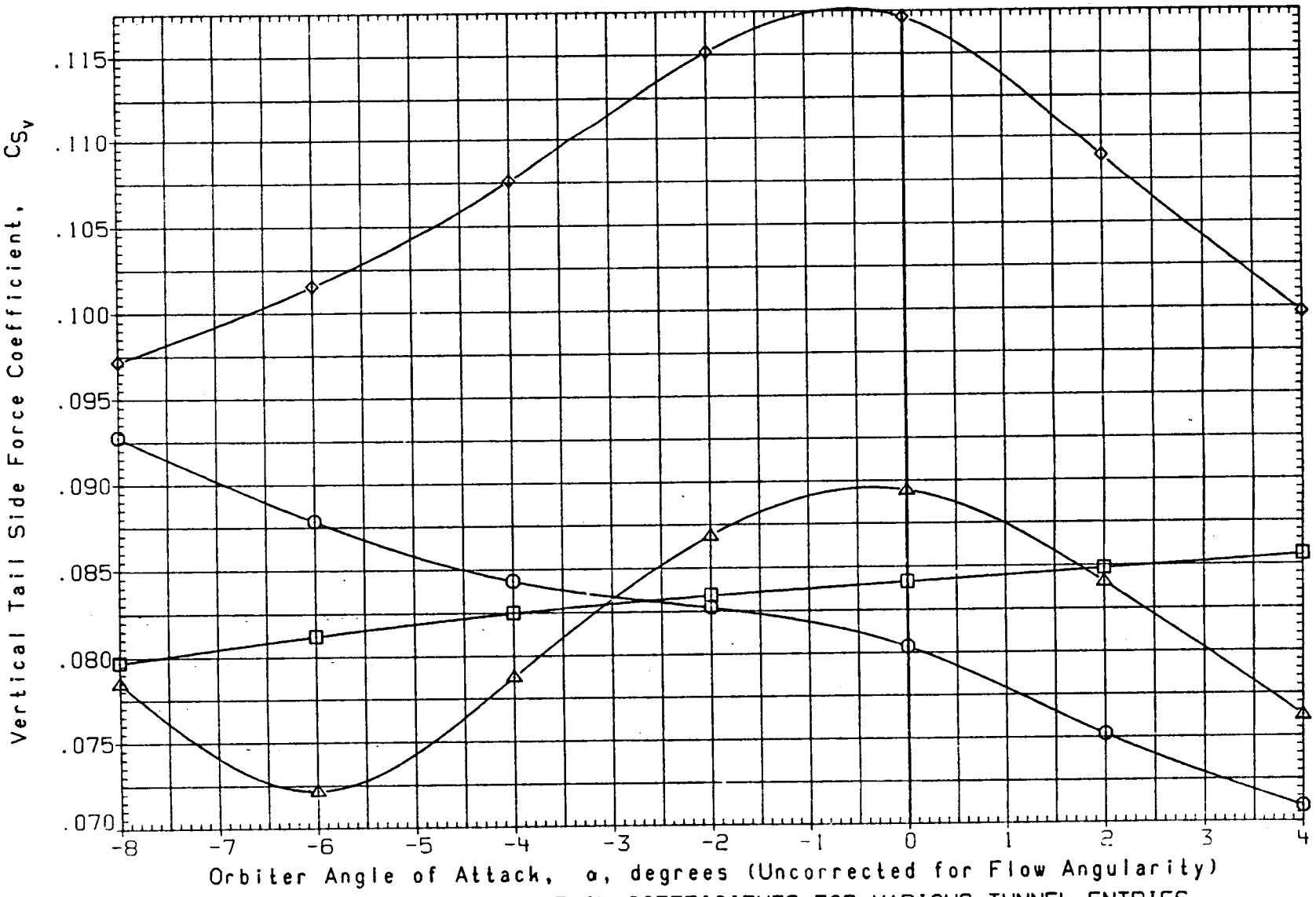


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

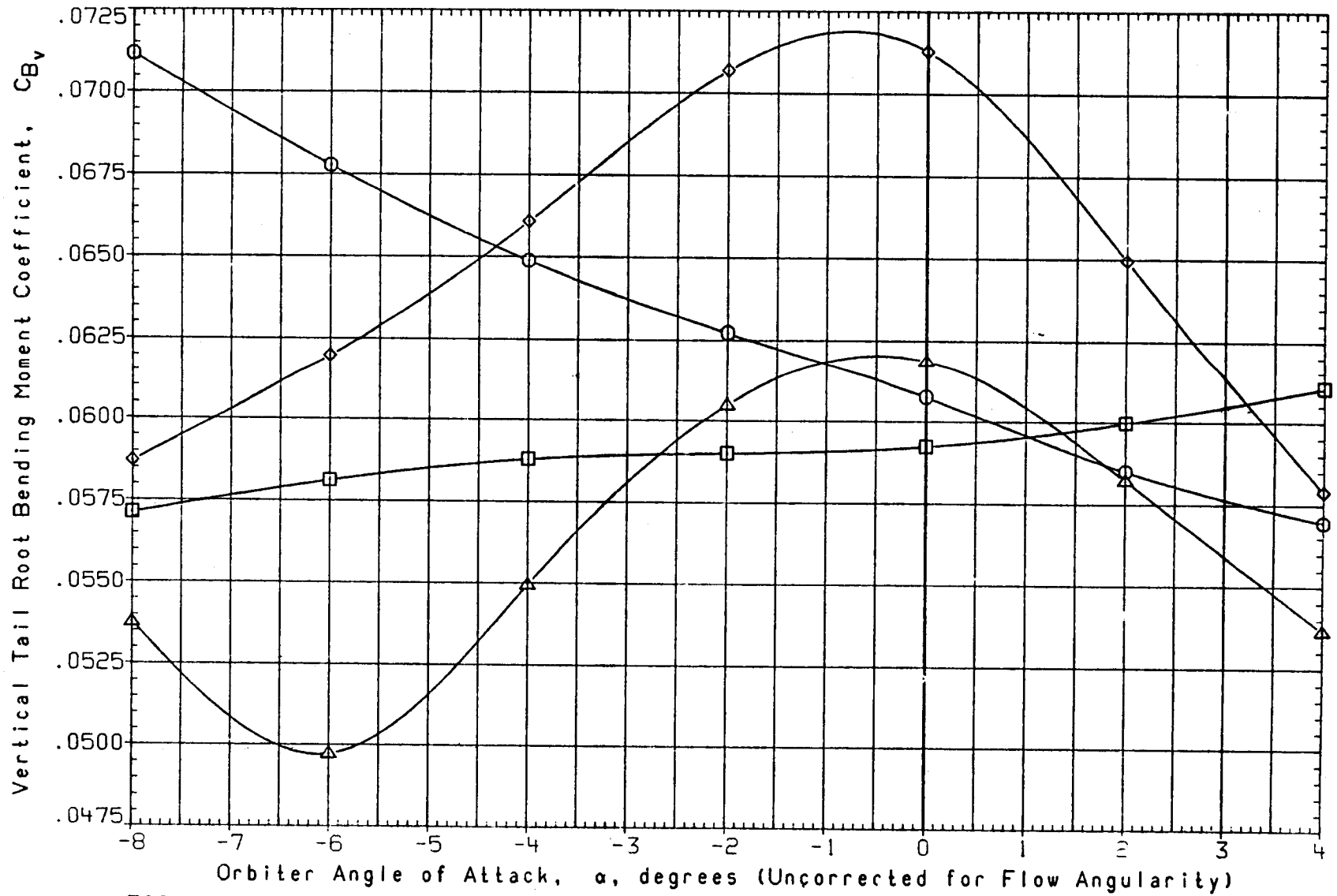


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8FV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U9NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

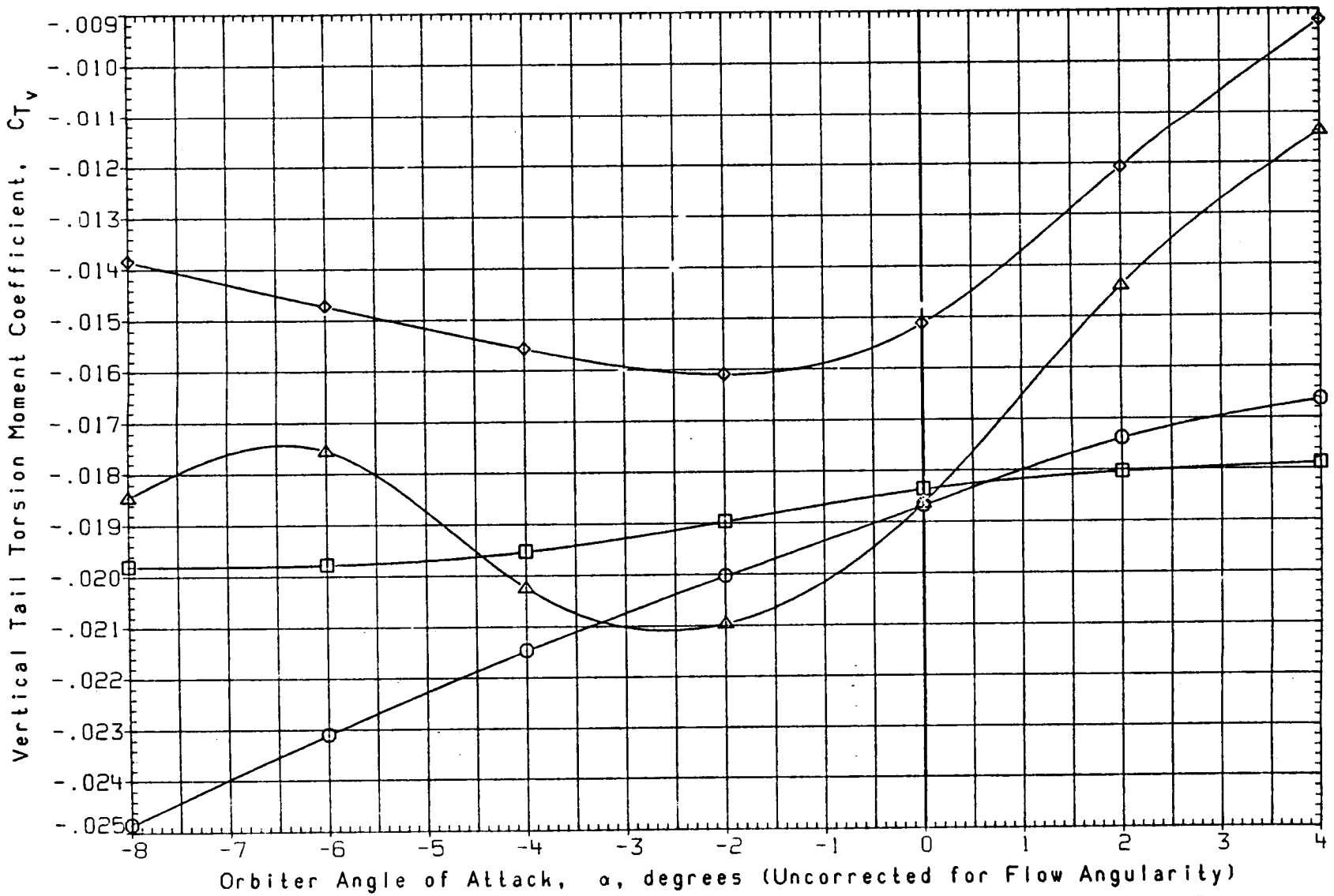


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

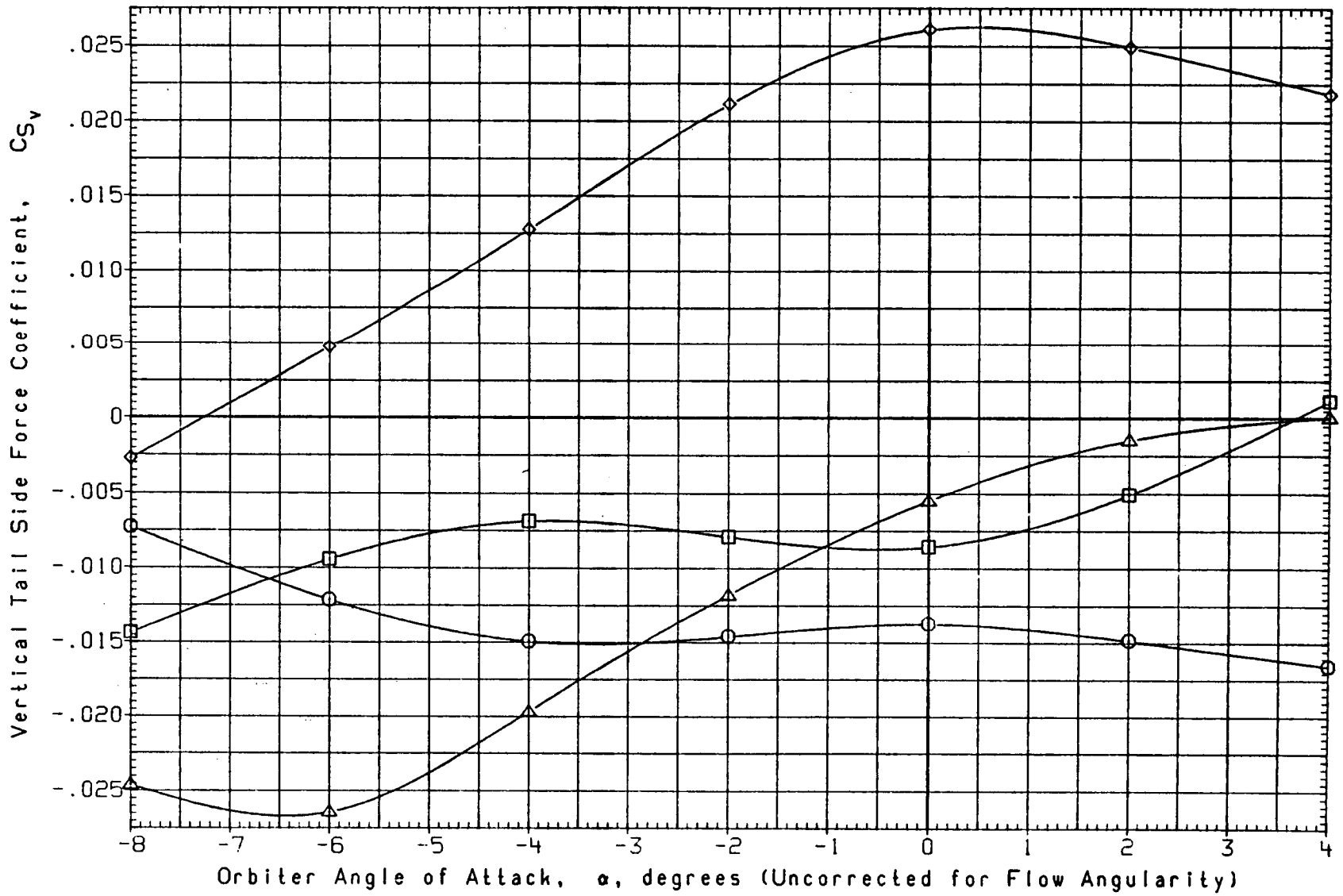


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
C8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

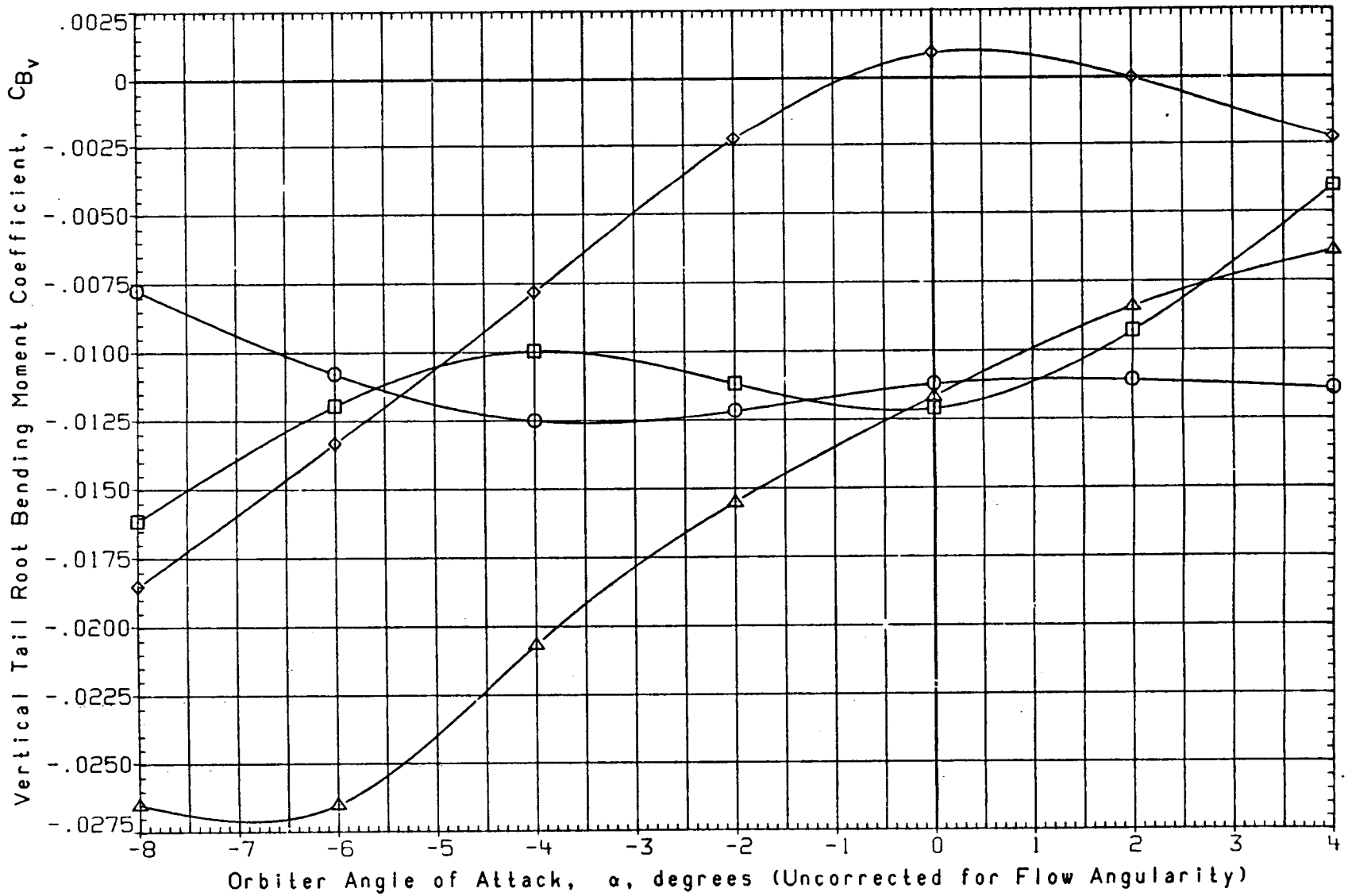


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	[illegible].000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

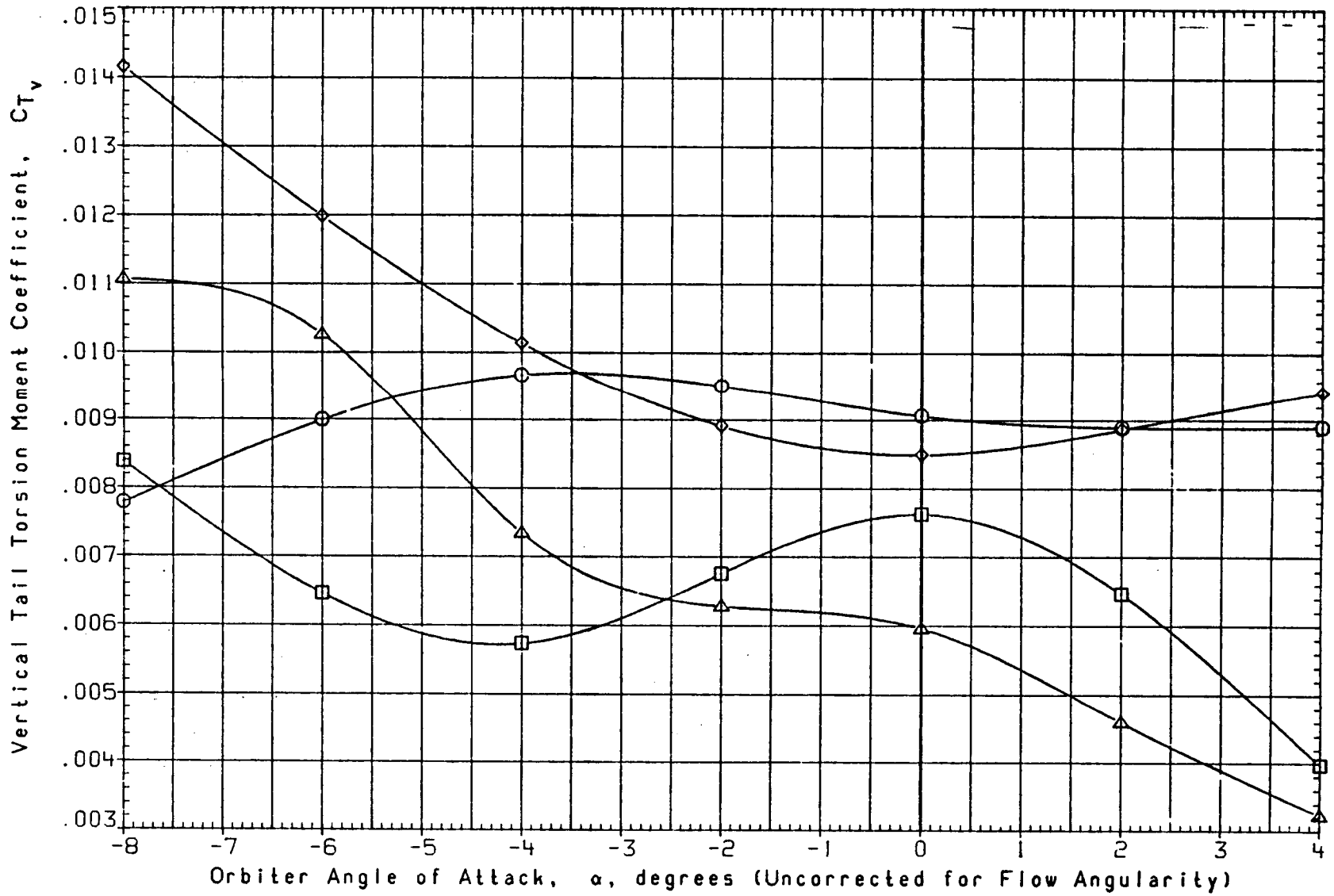


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

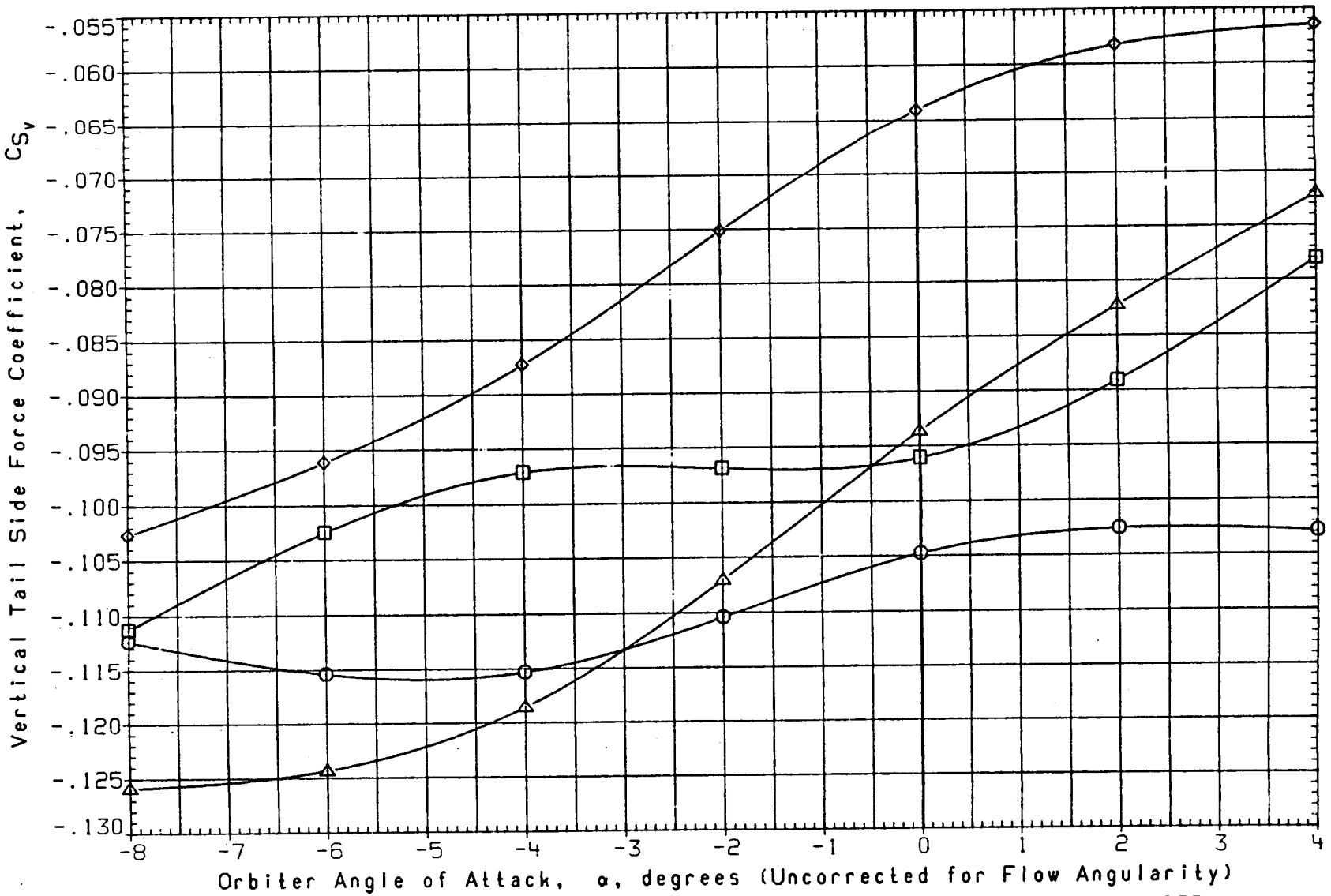


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

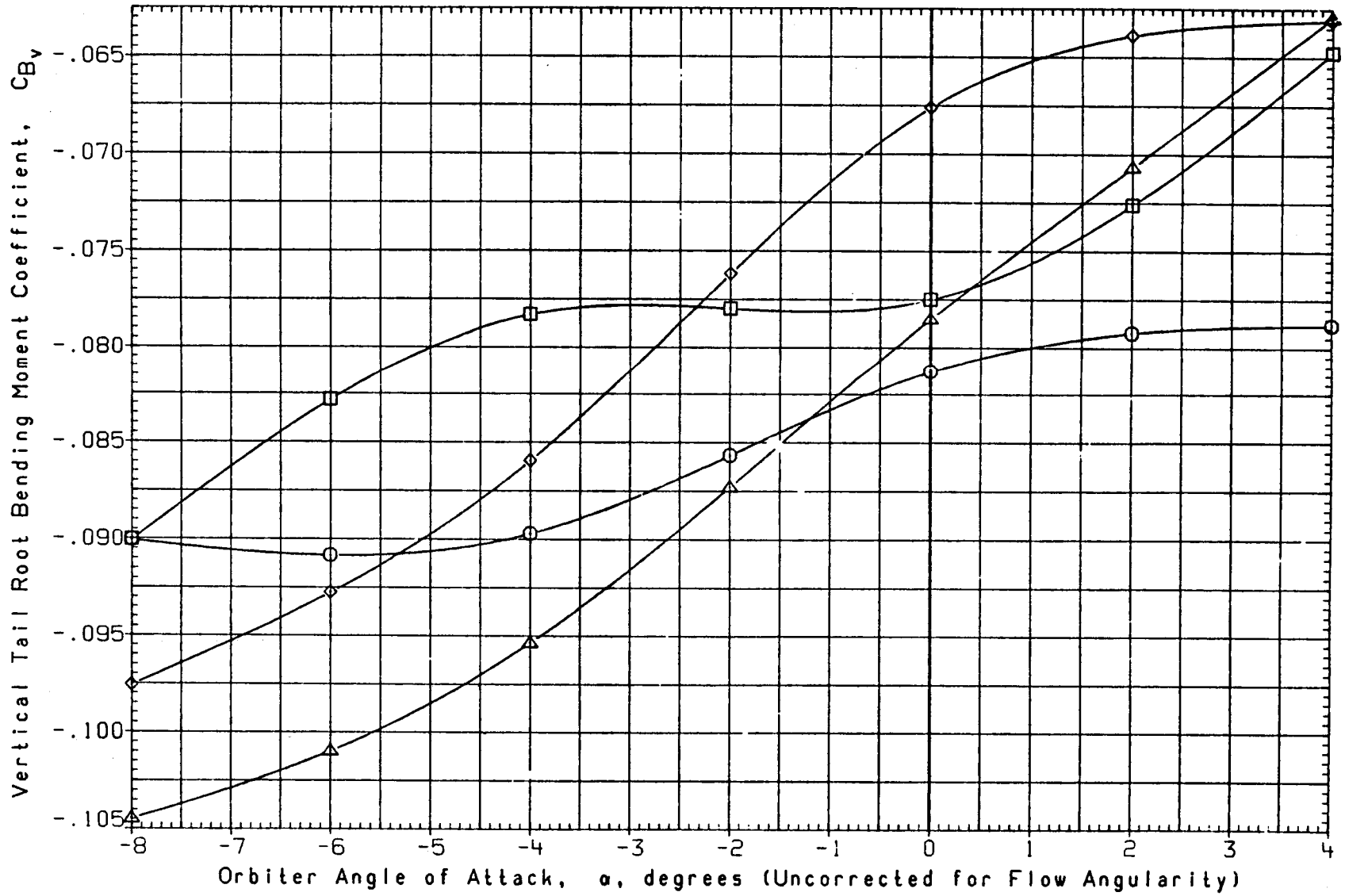


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

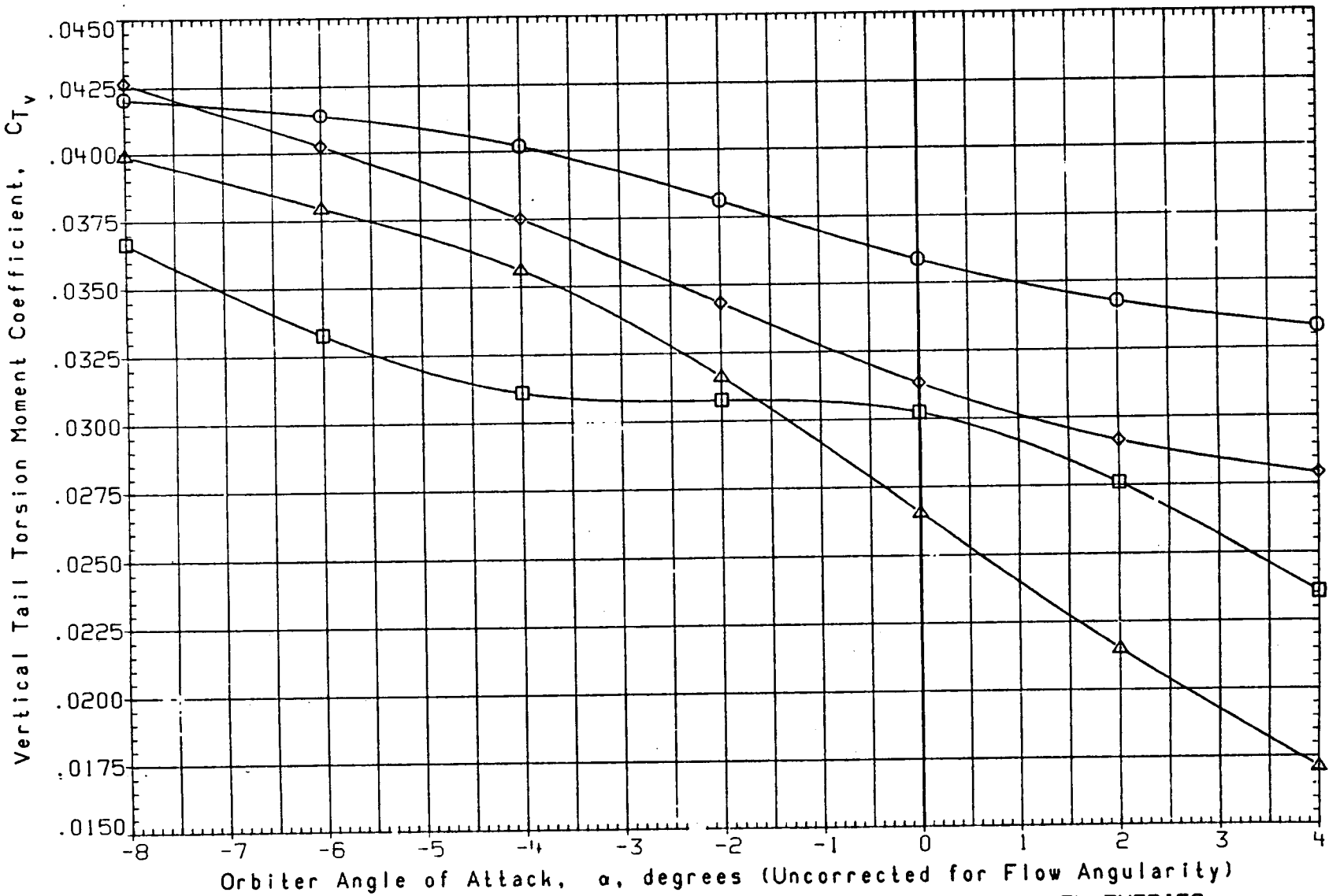


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCOFR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

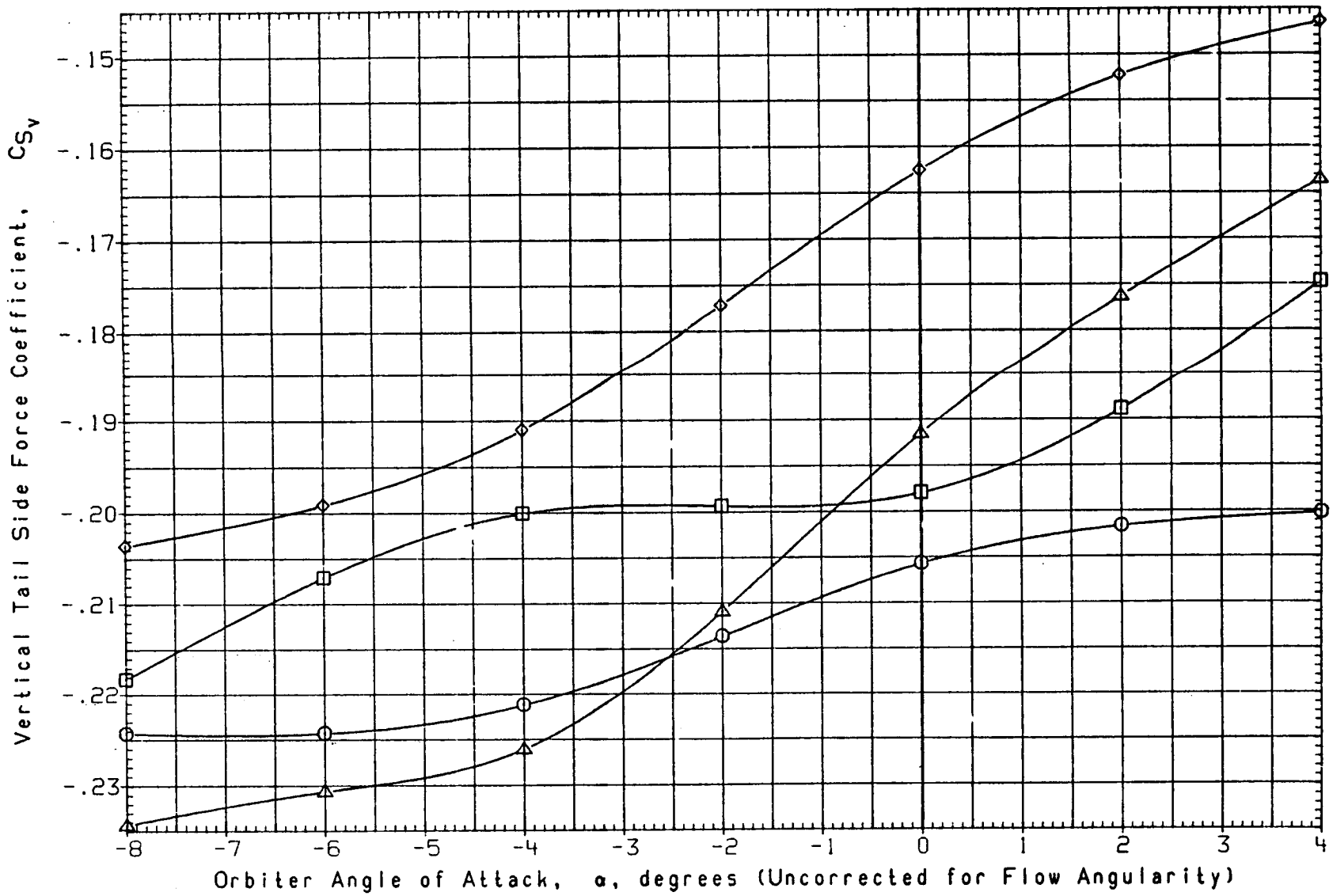


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

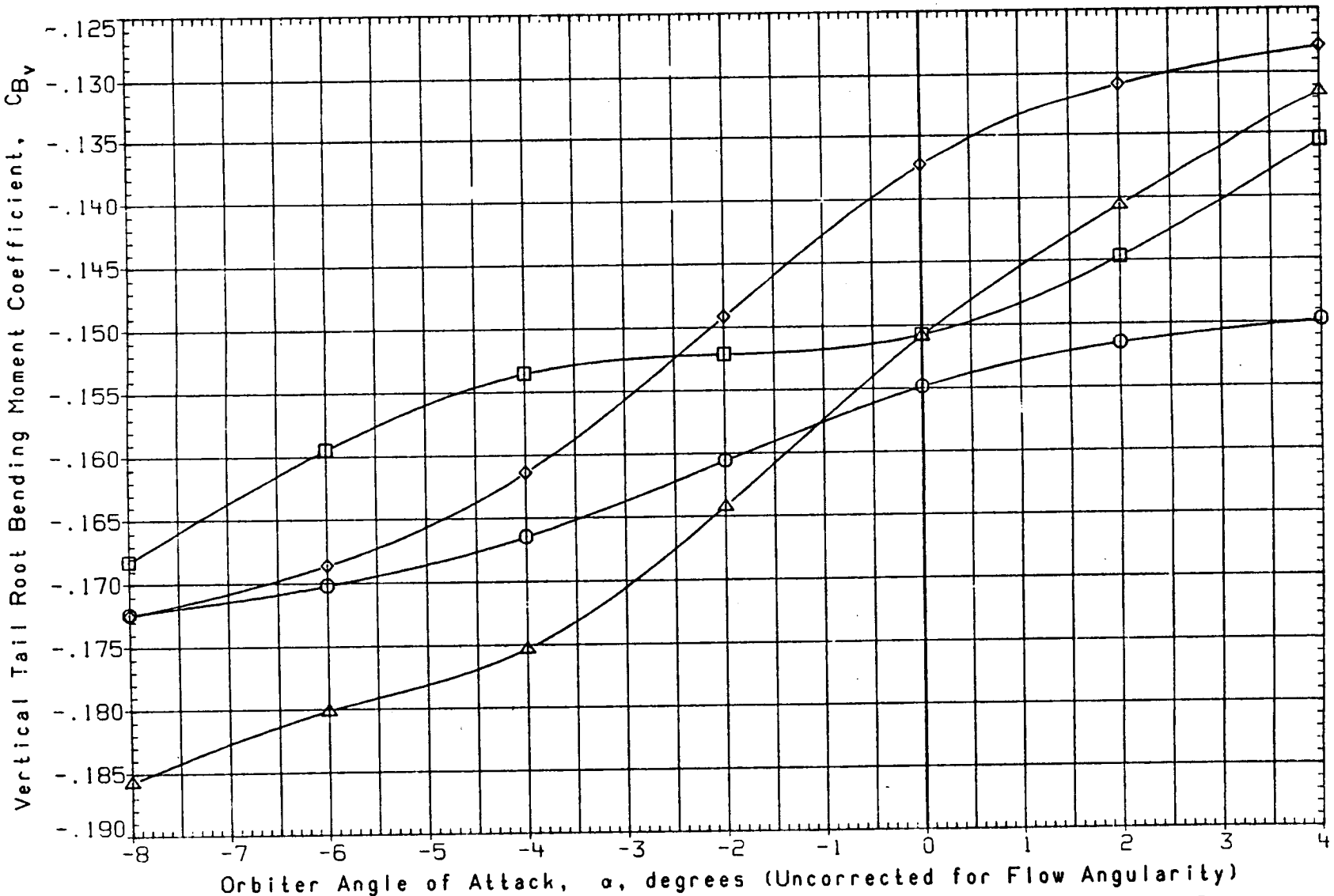


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
U8PV14	□	IA163,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

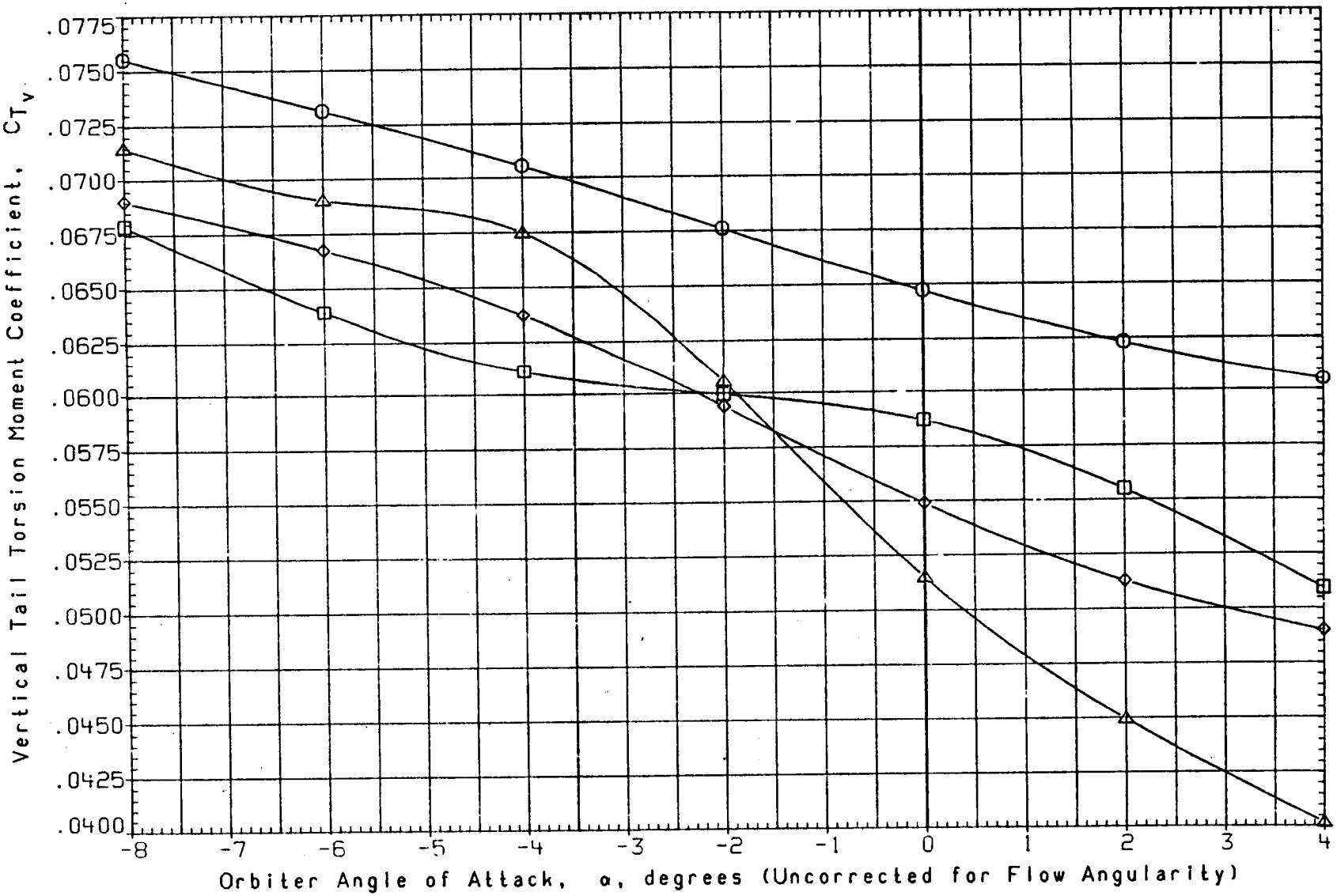


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

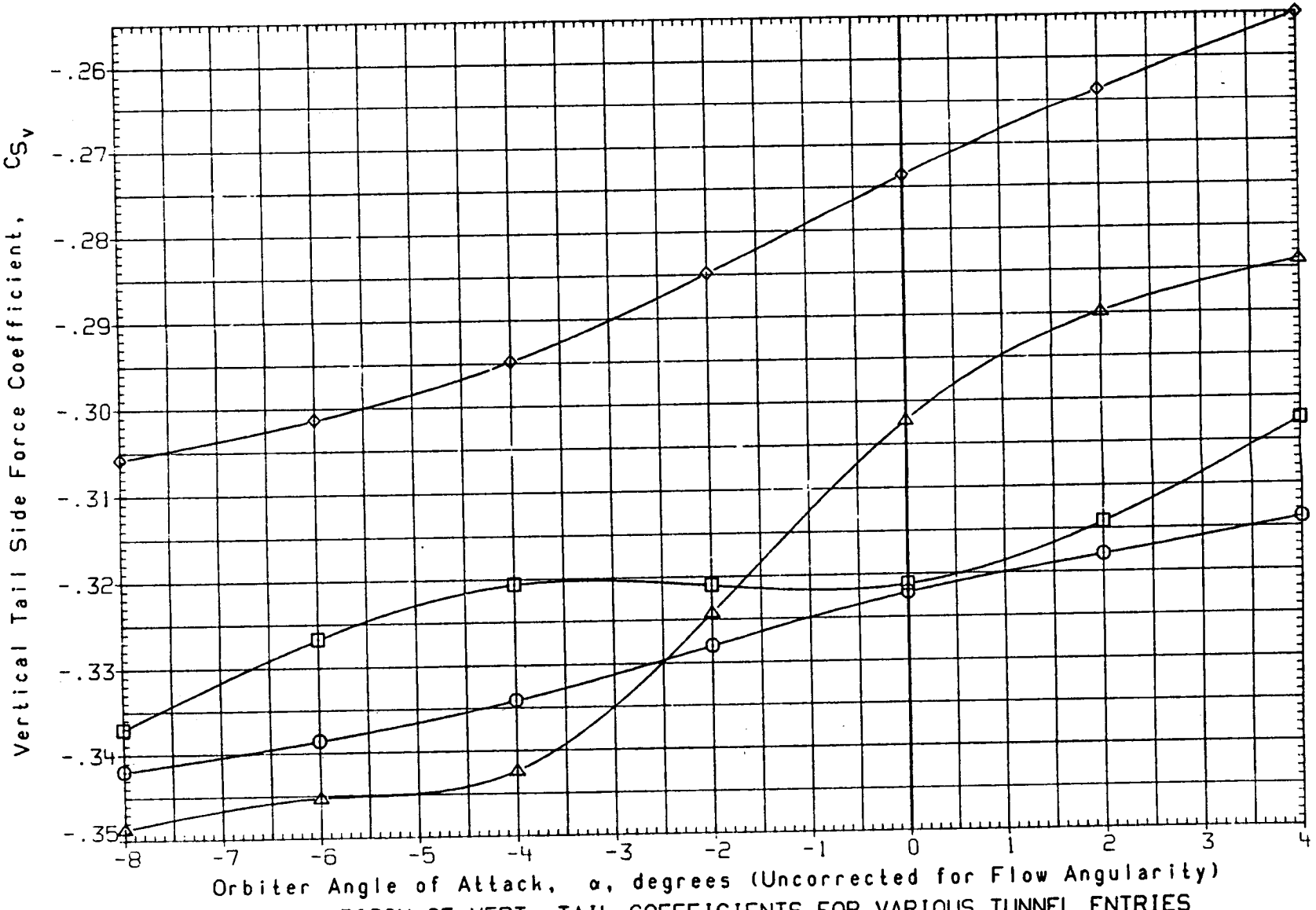


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

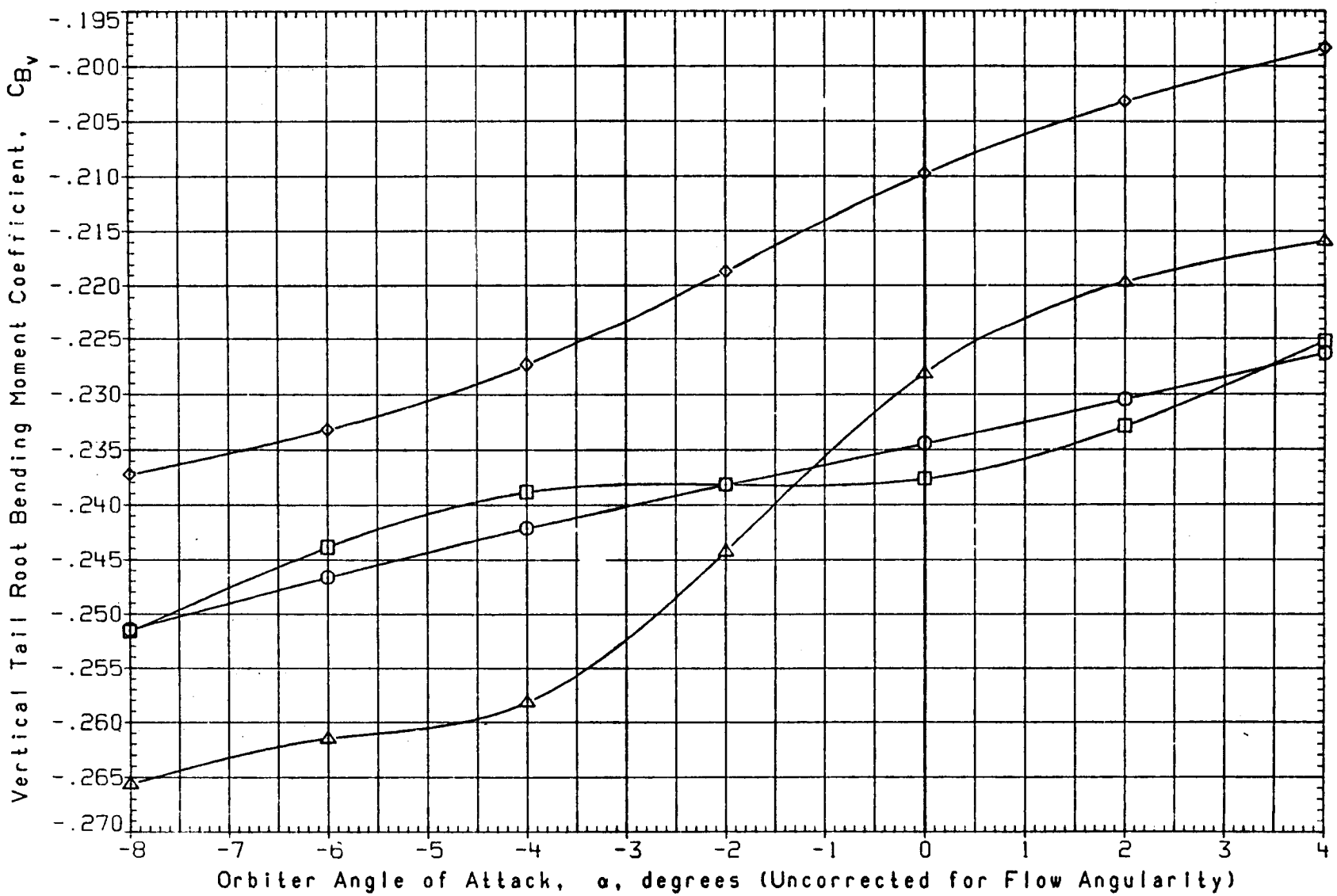


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV01	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.600	10.000	5.000
O8PV14	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.600	10.000	5.000
U8MV35	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.600	10.000	5.000
U8NV42	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.600	10.000	5.000

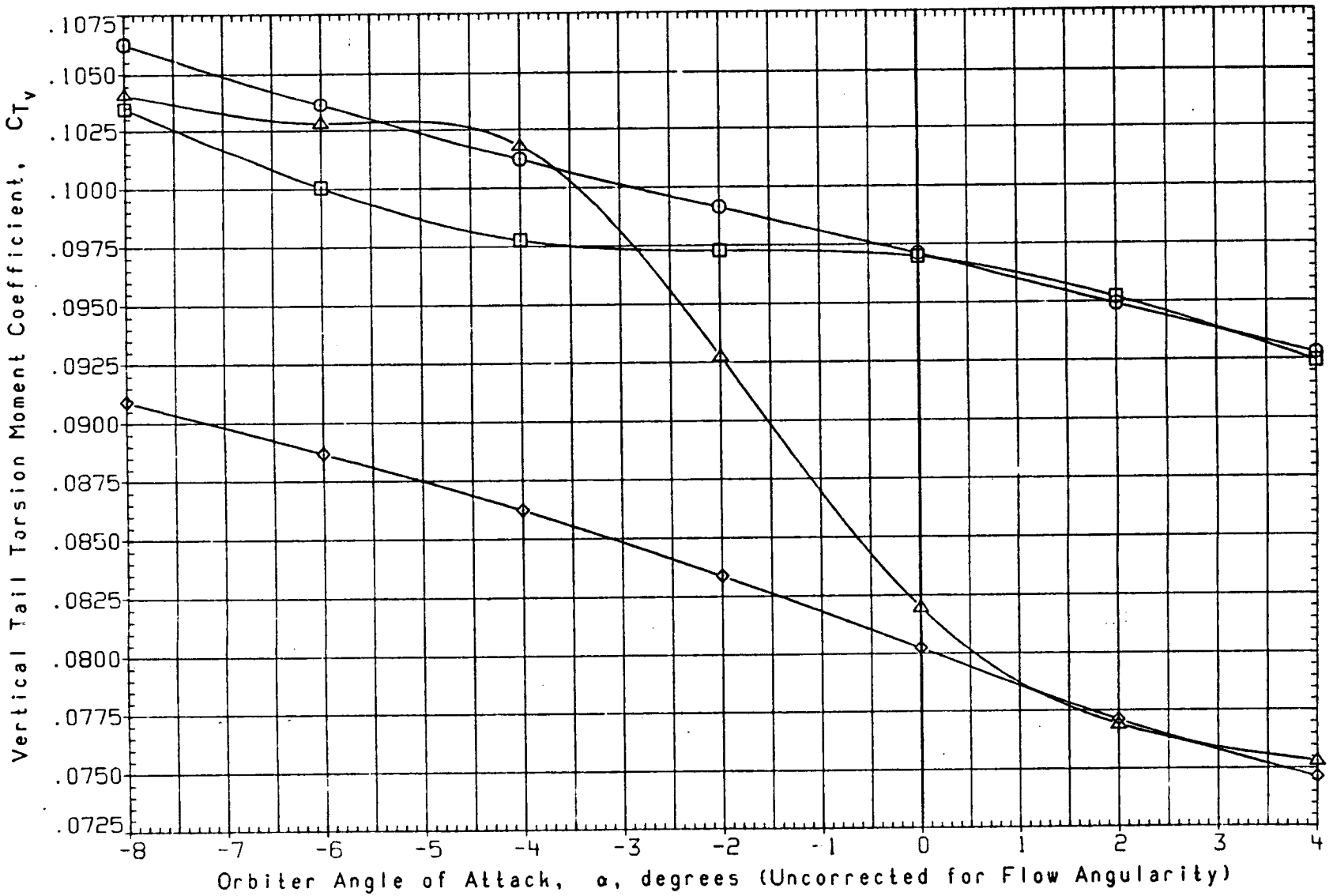


FIG. 39 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.60, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

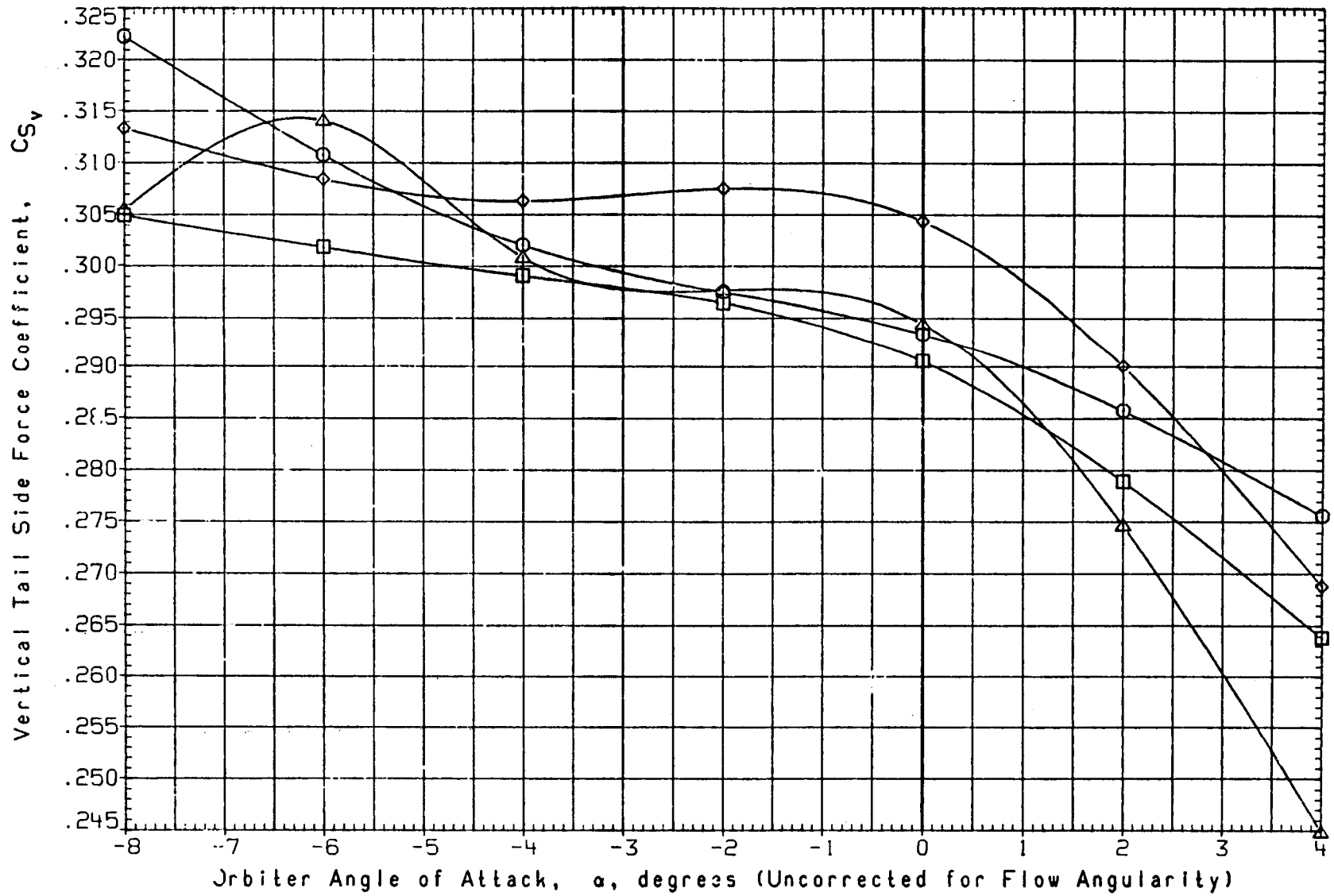


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U9MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA103,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O9PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

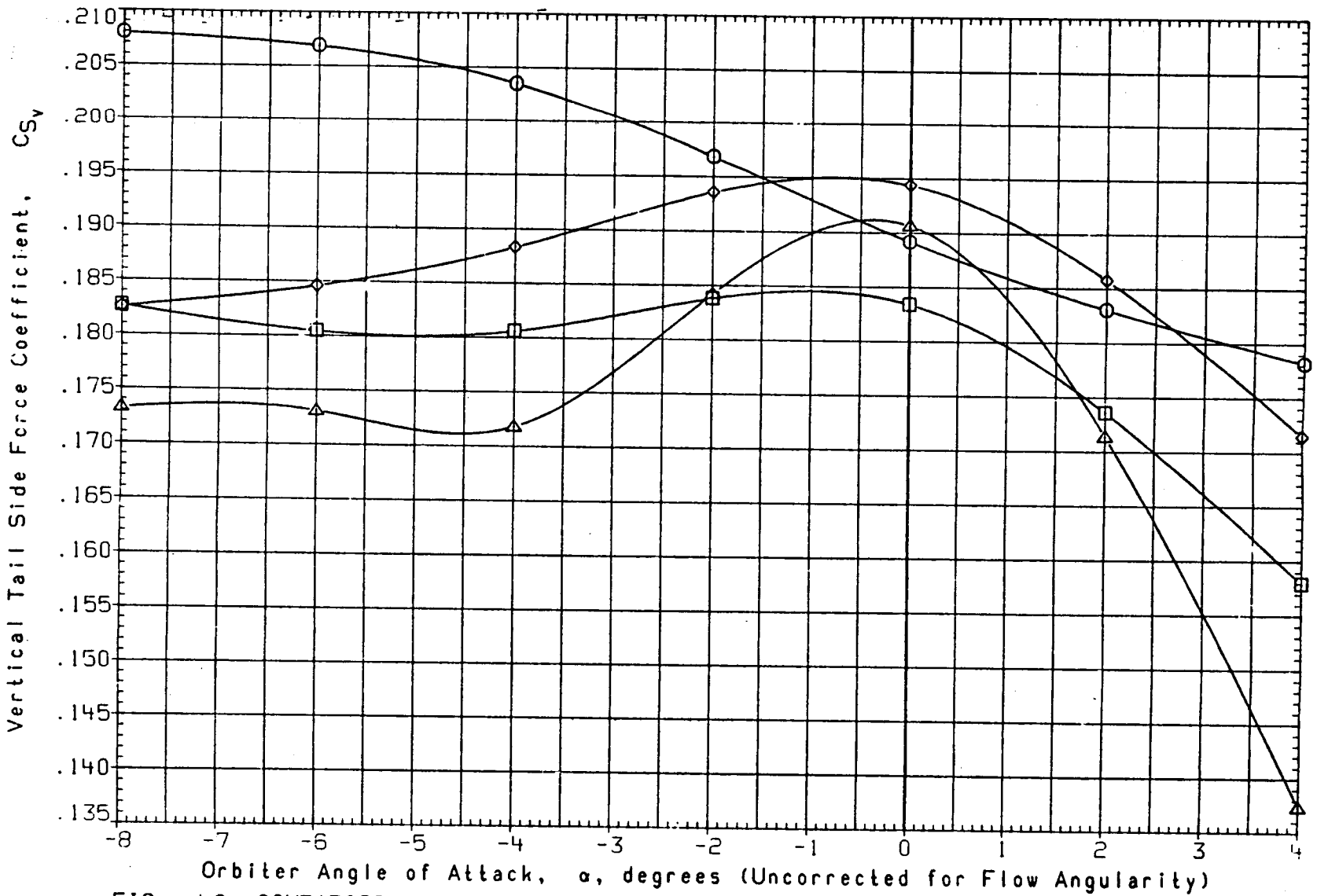


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

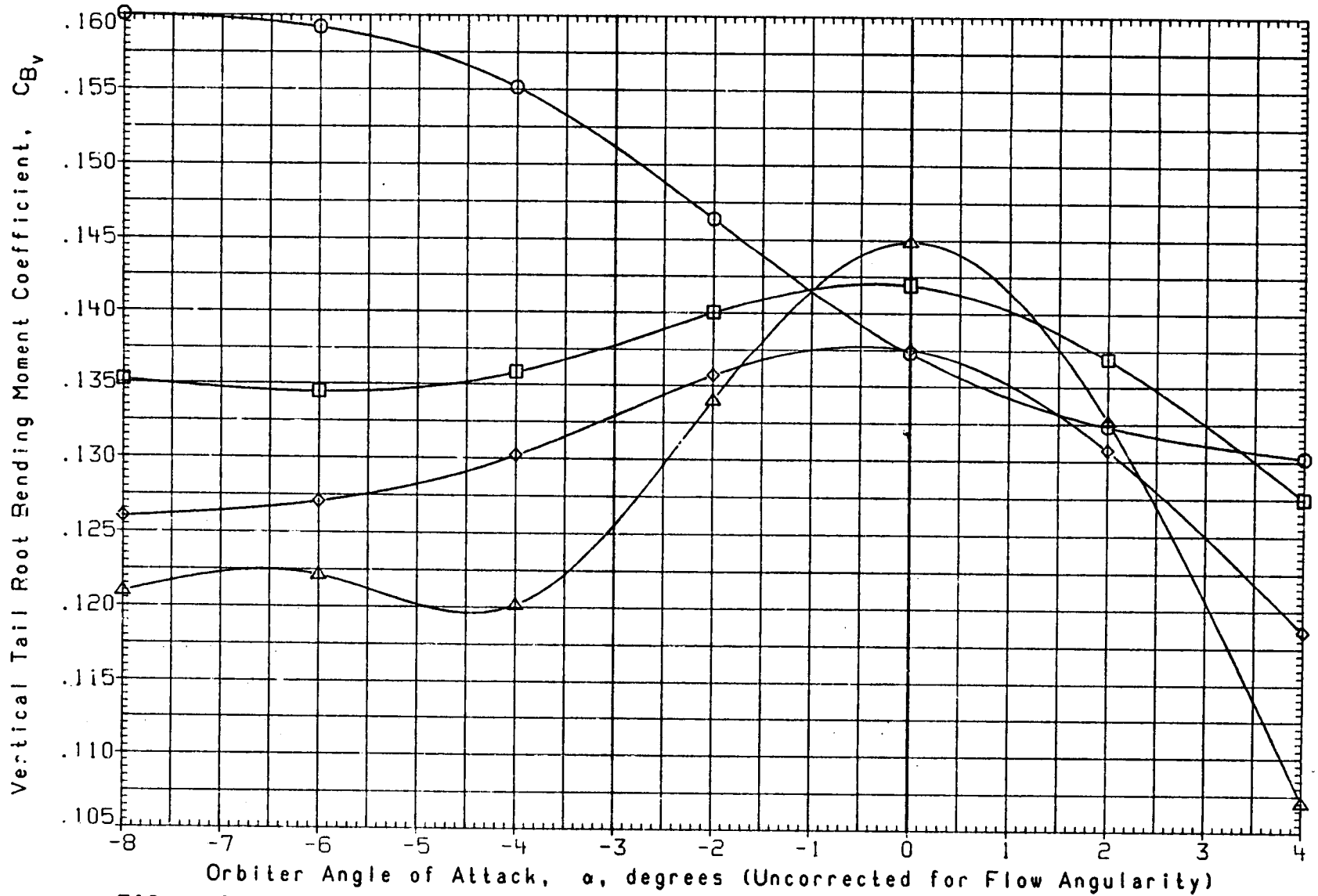


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

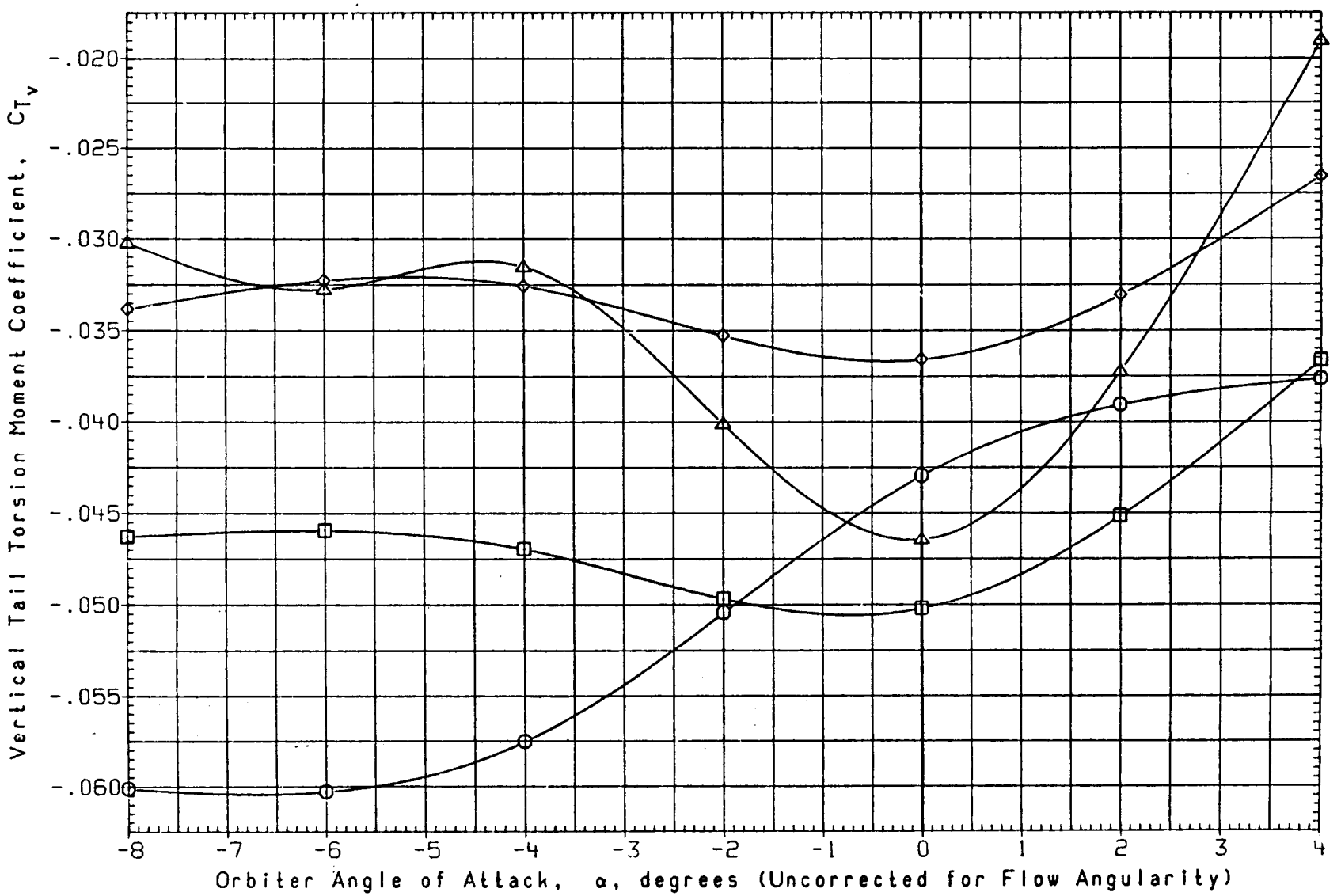


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

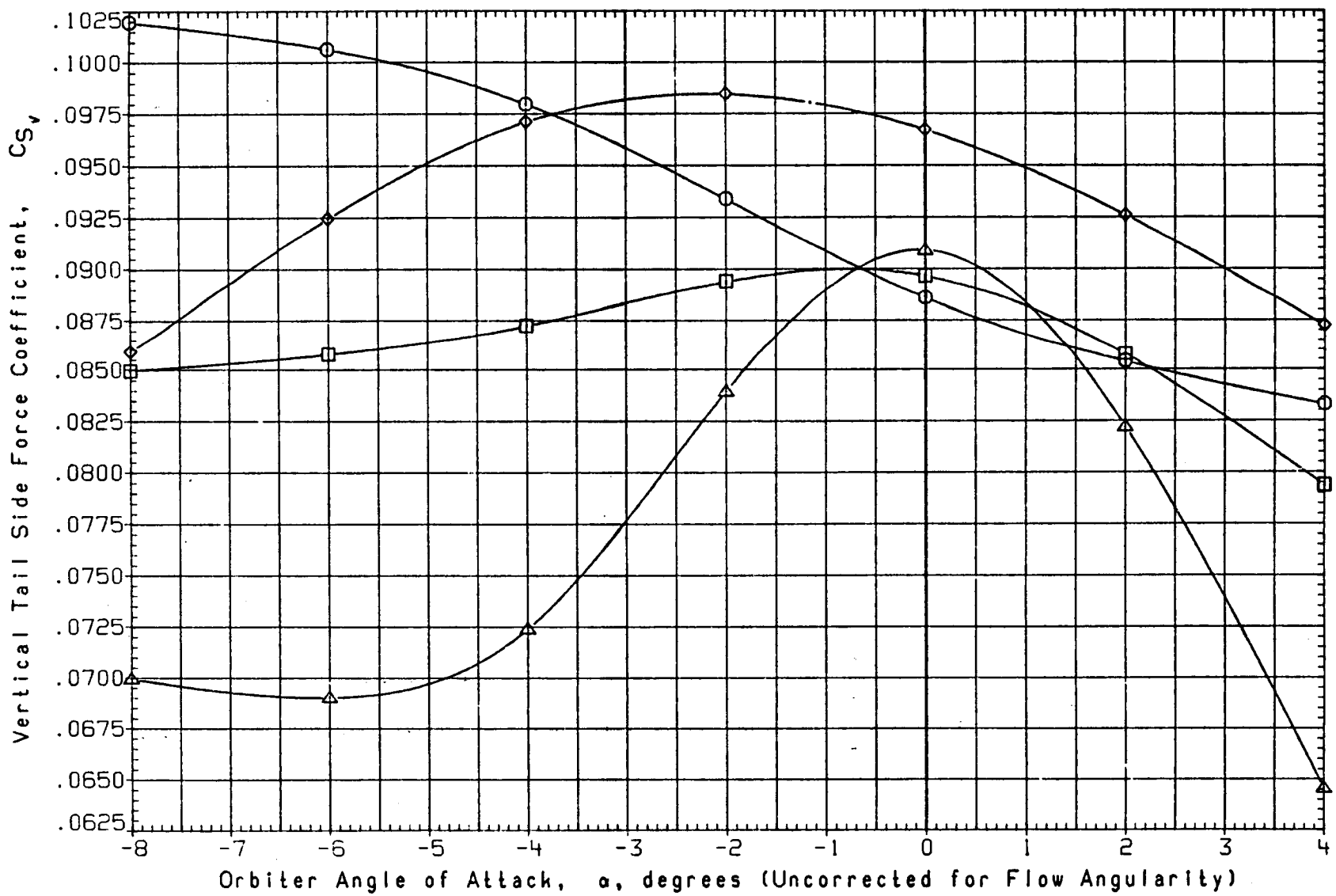


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

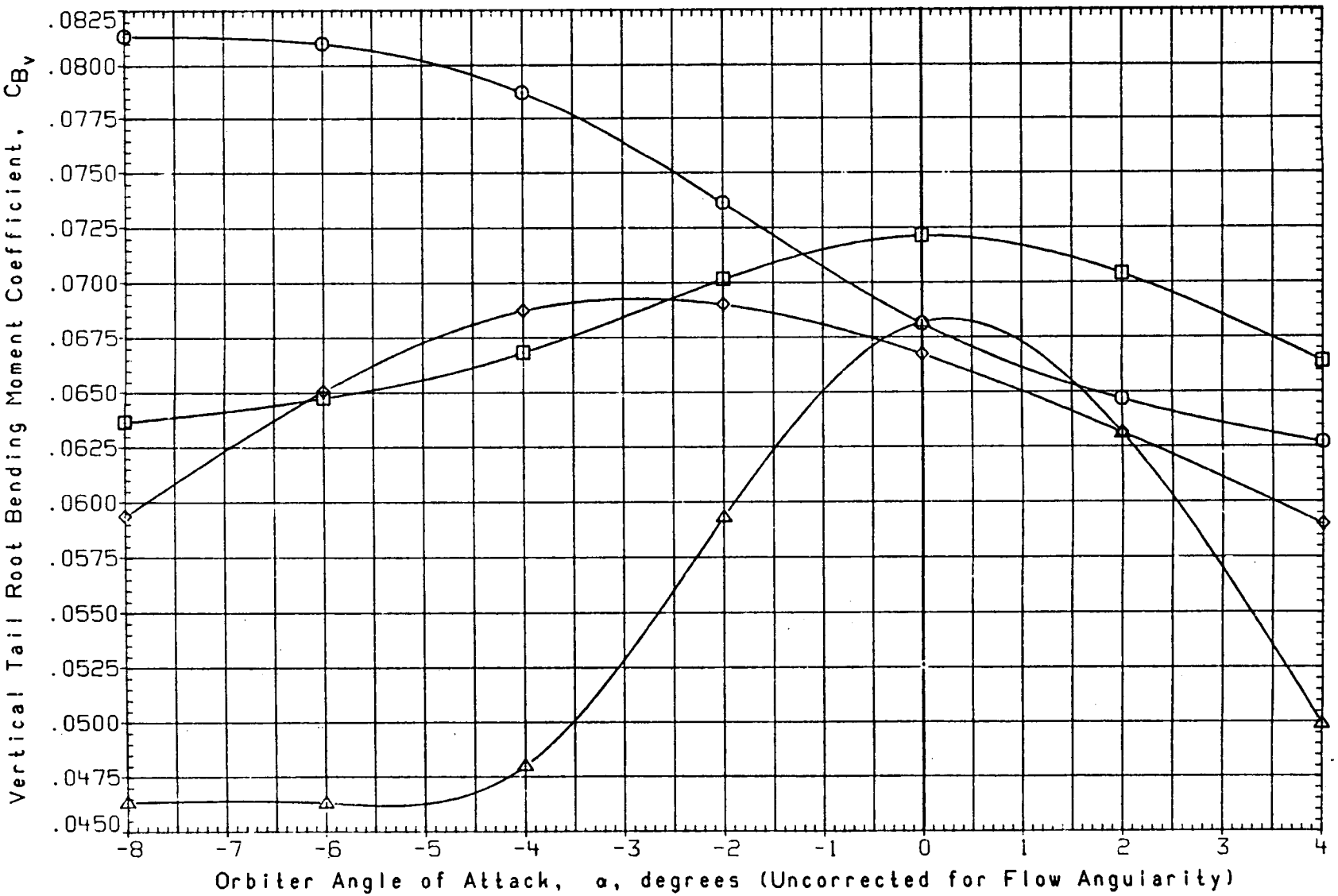


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

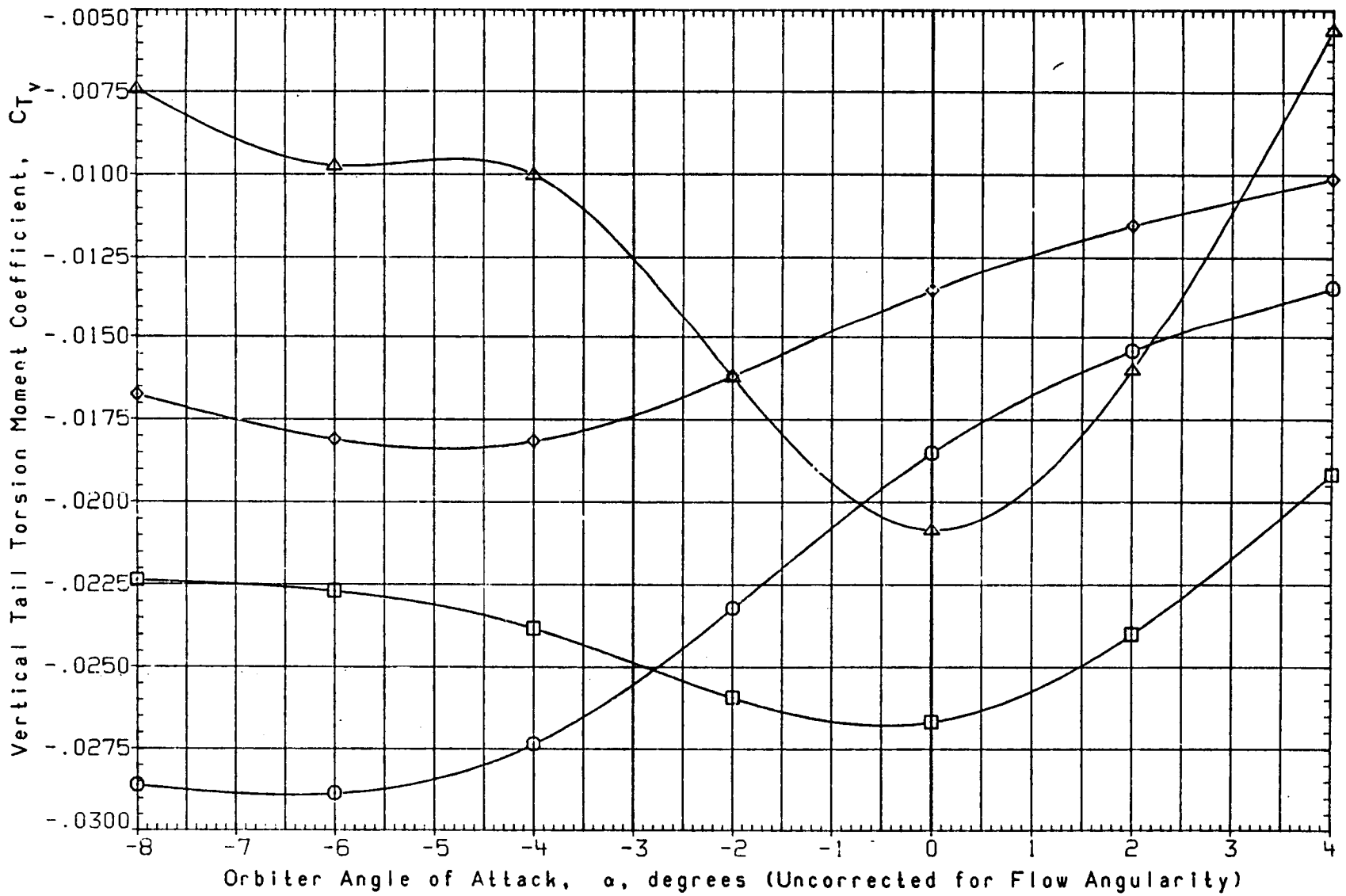


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA165A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

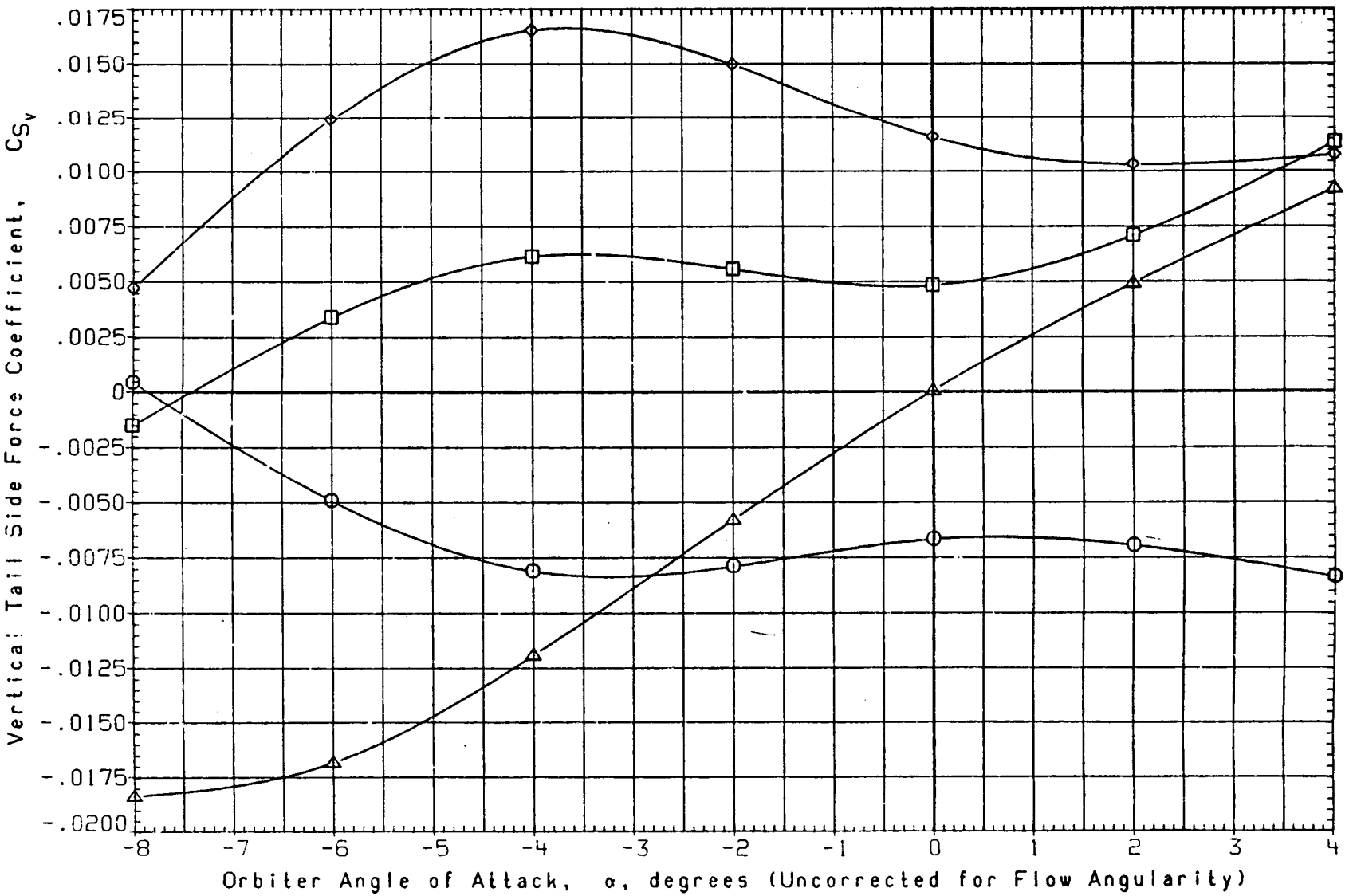


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

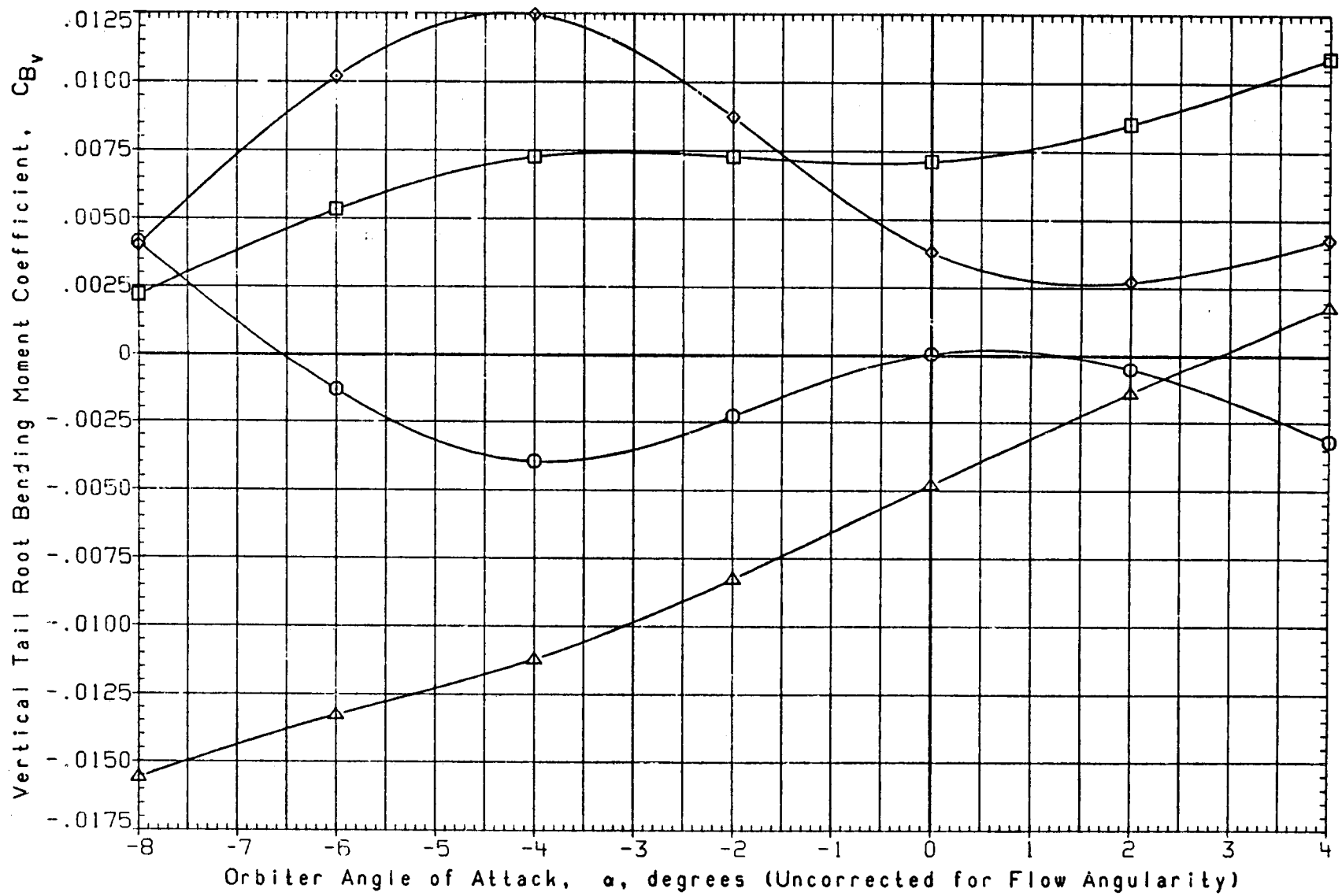


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OVC2	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

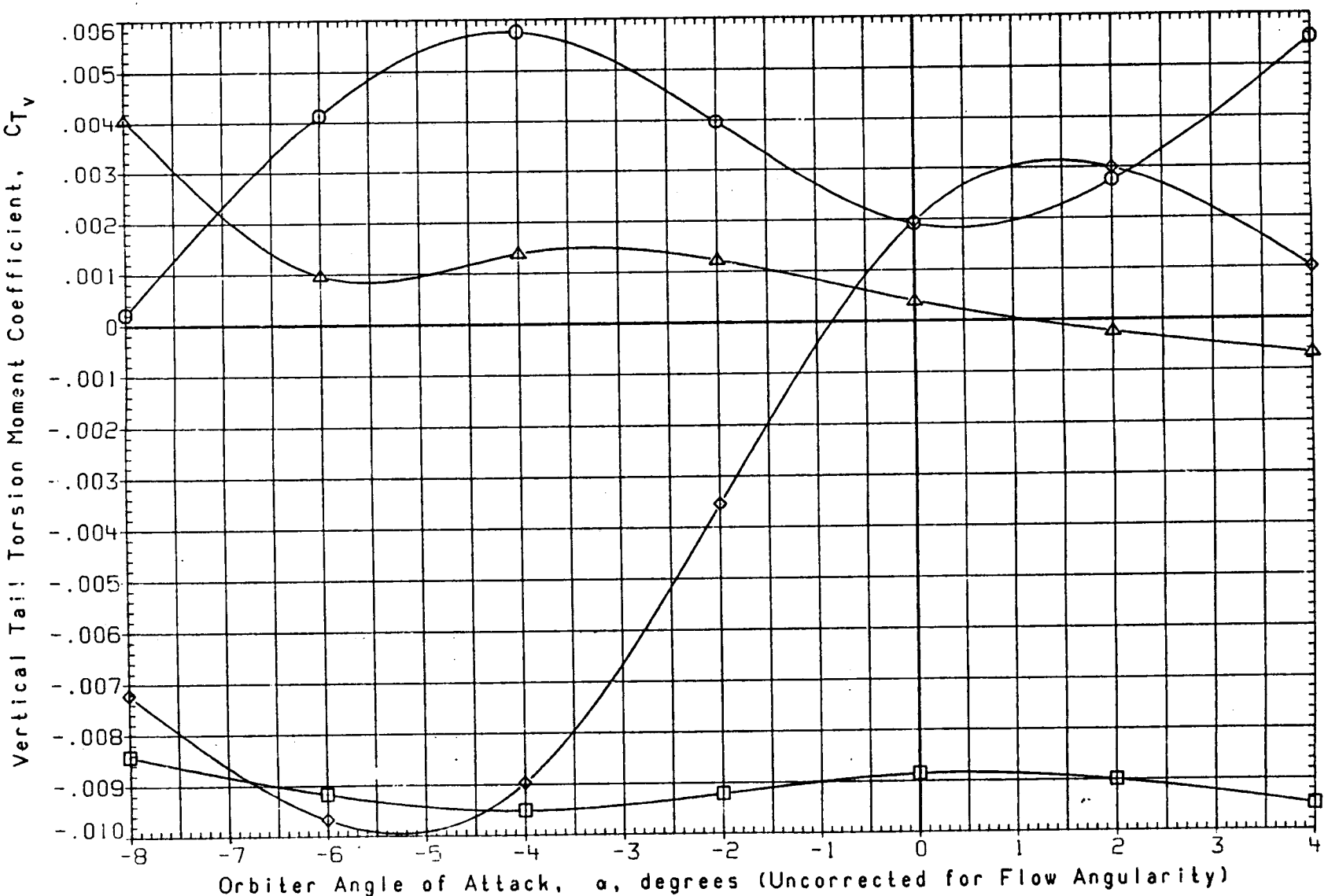


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U9NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

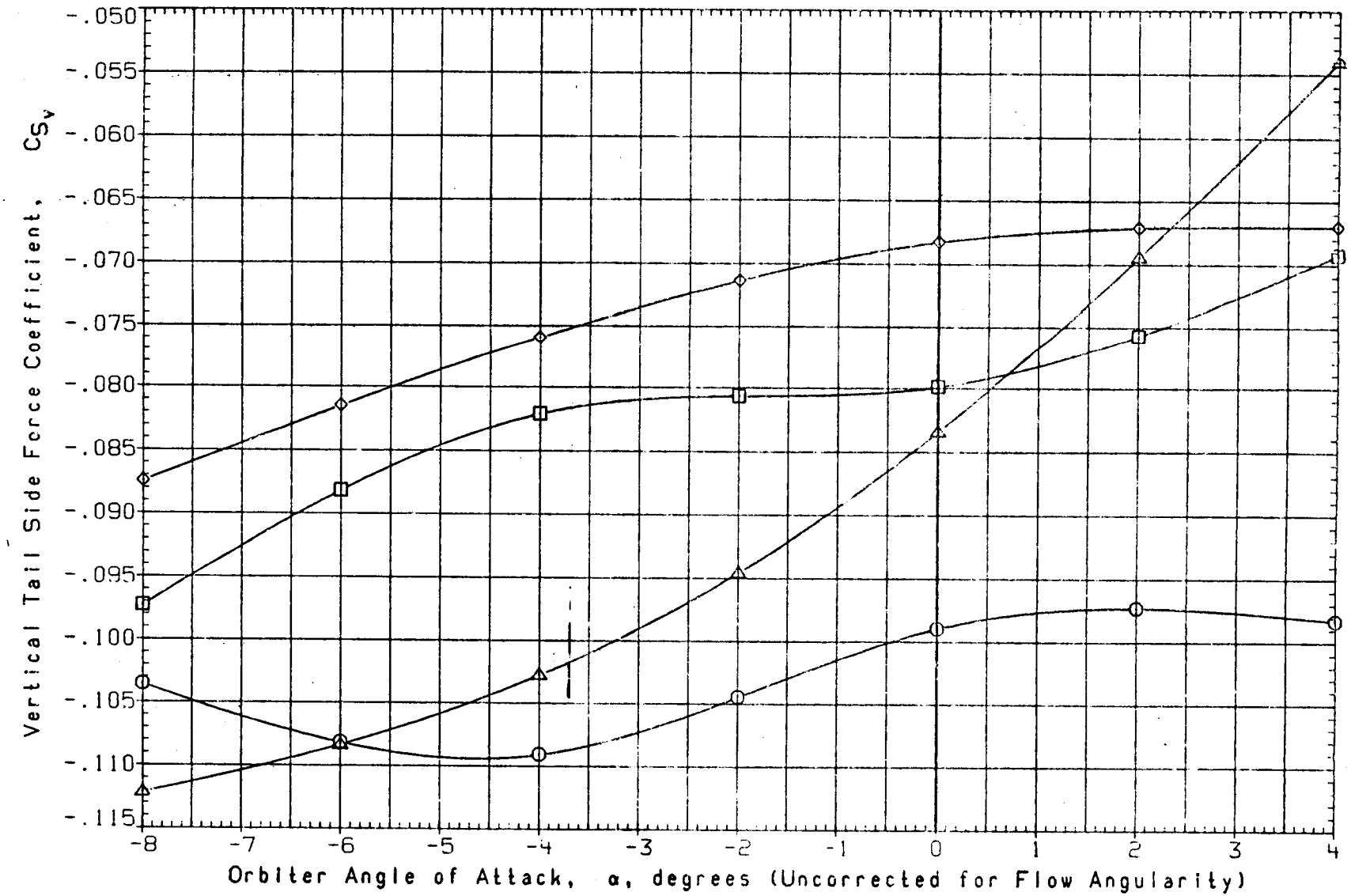


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

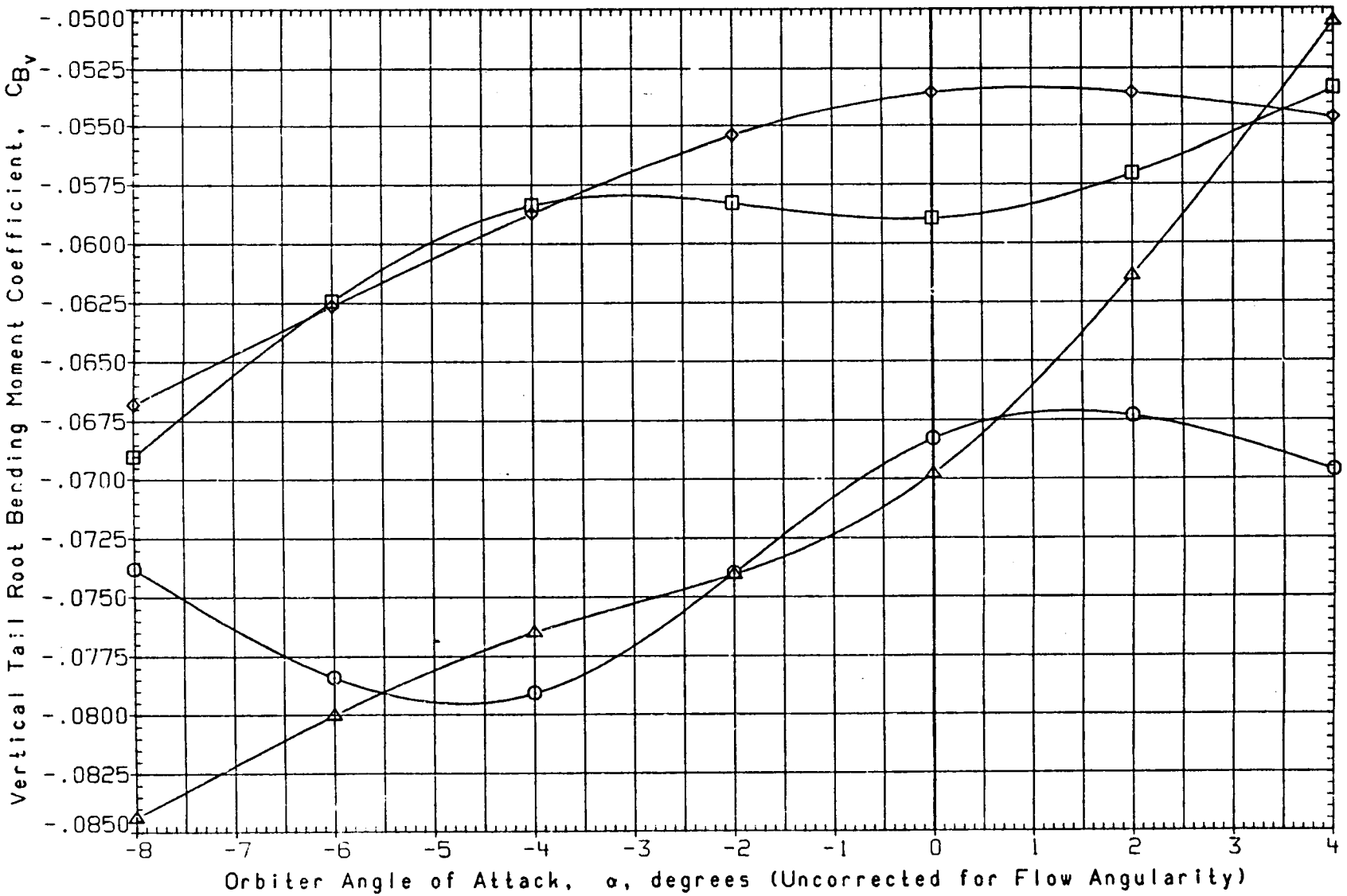


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

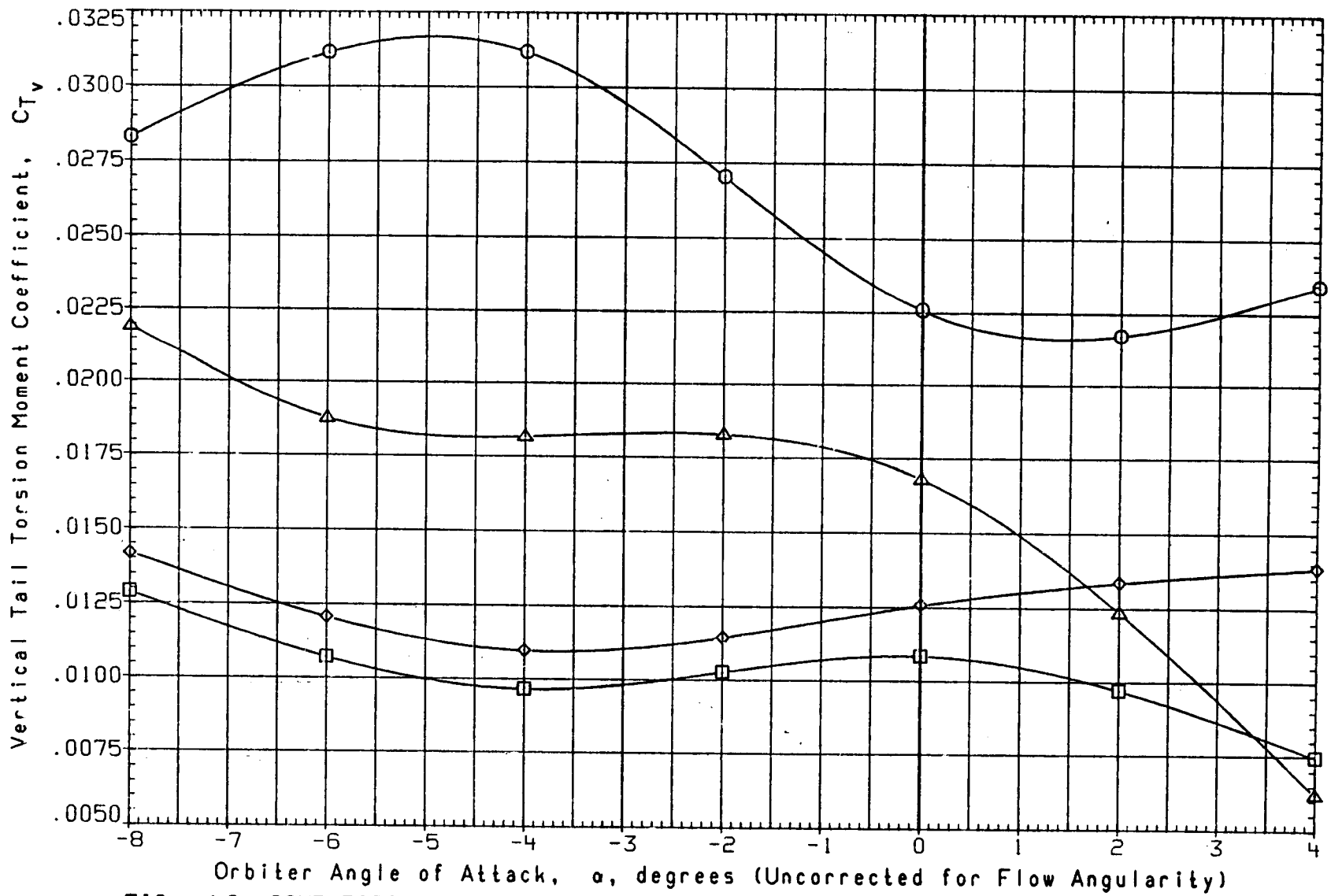


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
C8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

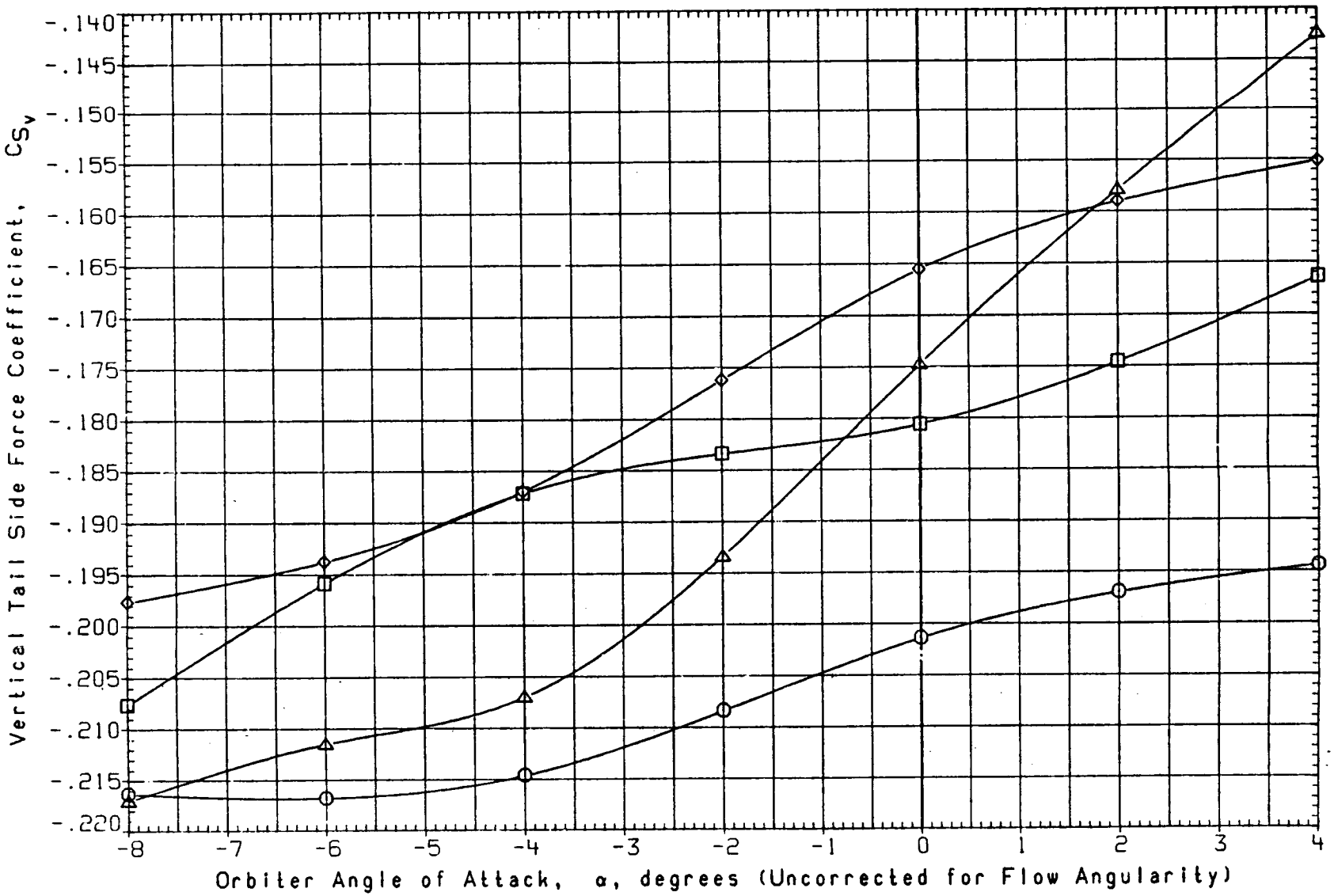


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

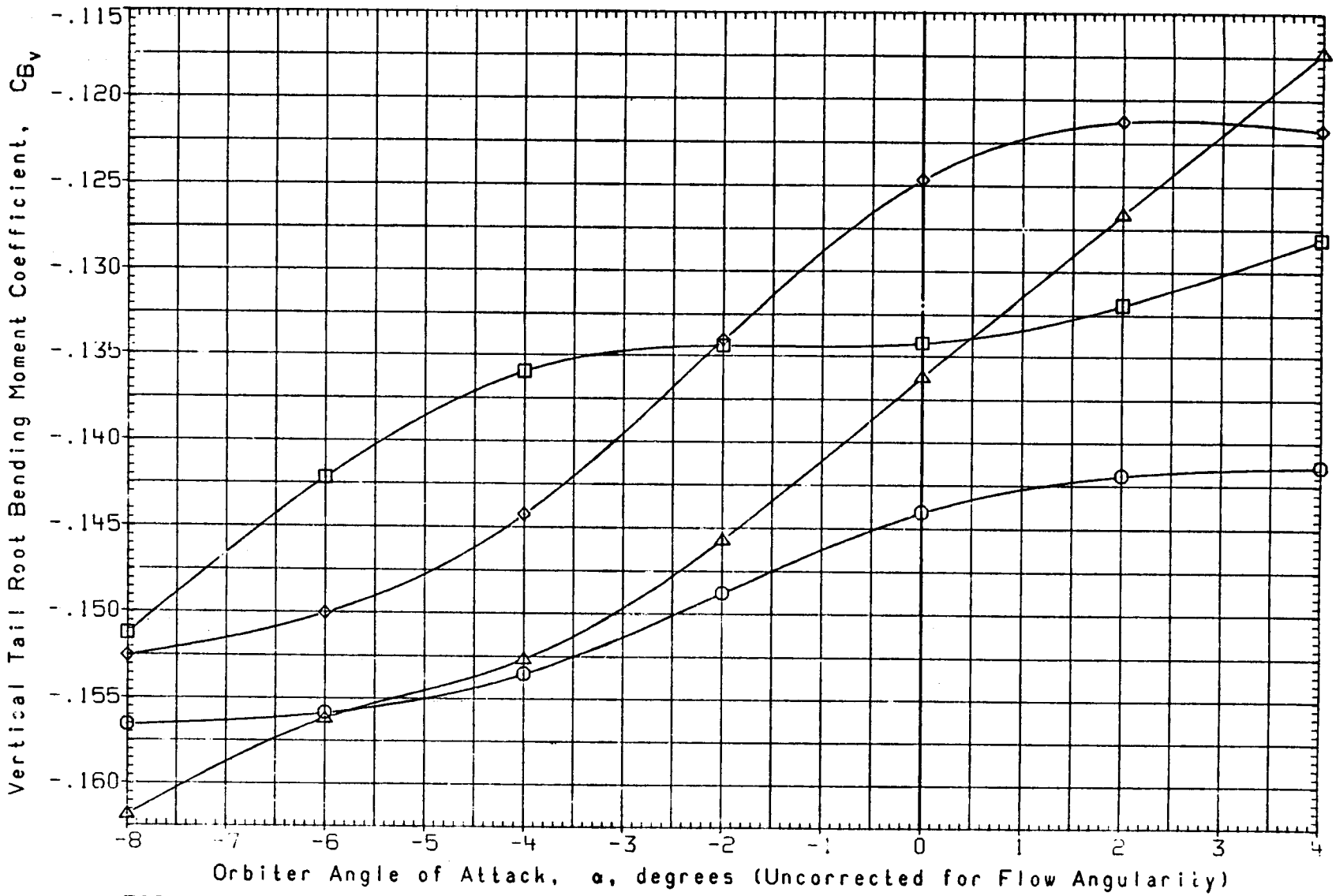


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
U8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

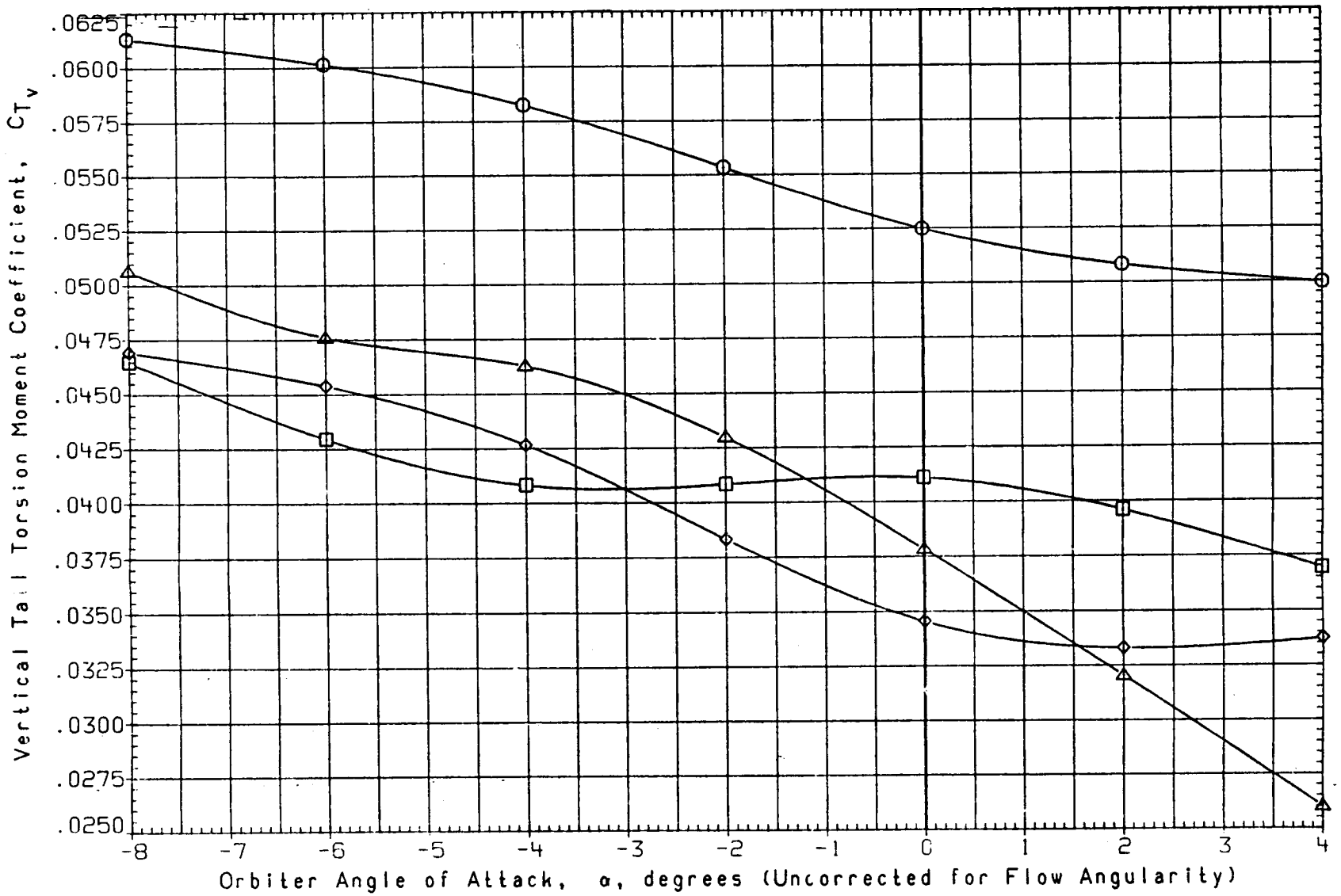


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

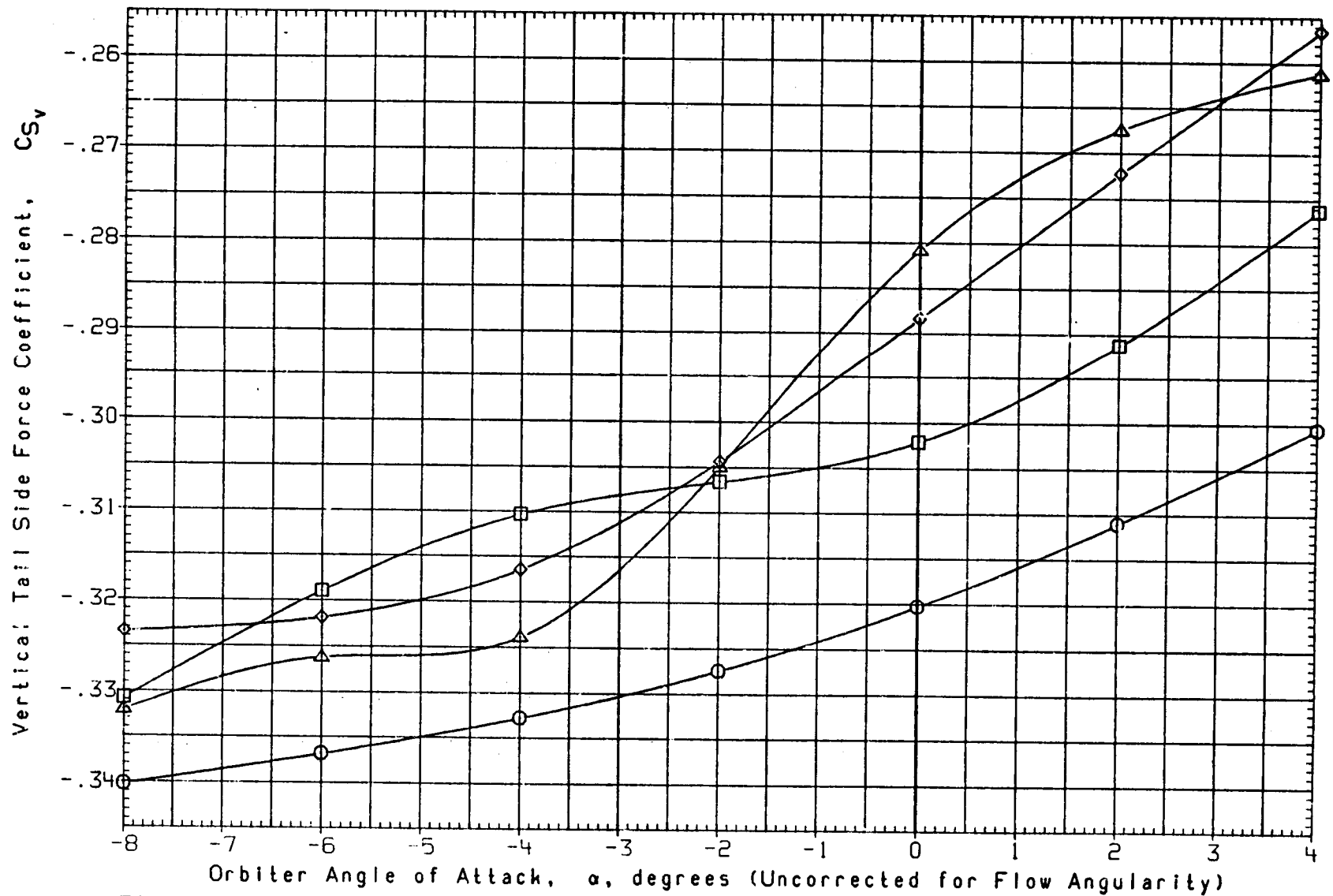


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

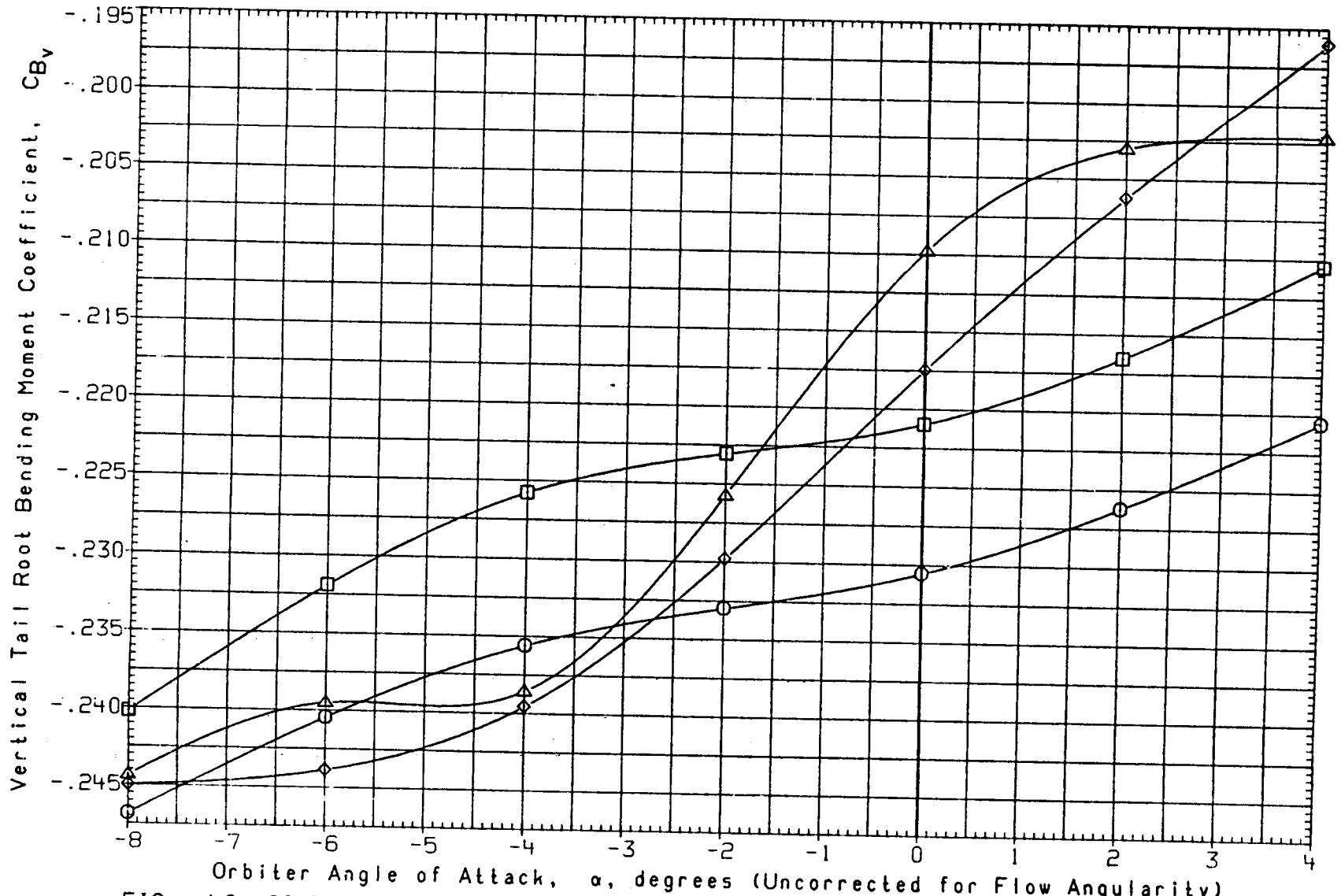


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV02	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.900	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.900	10.000	5.000
U8MV37	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.900	10.000	5.000
U8NV44	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.900	10.000	5.000

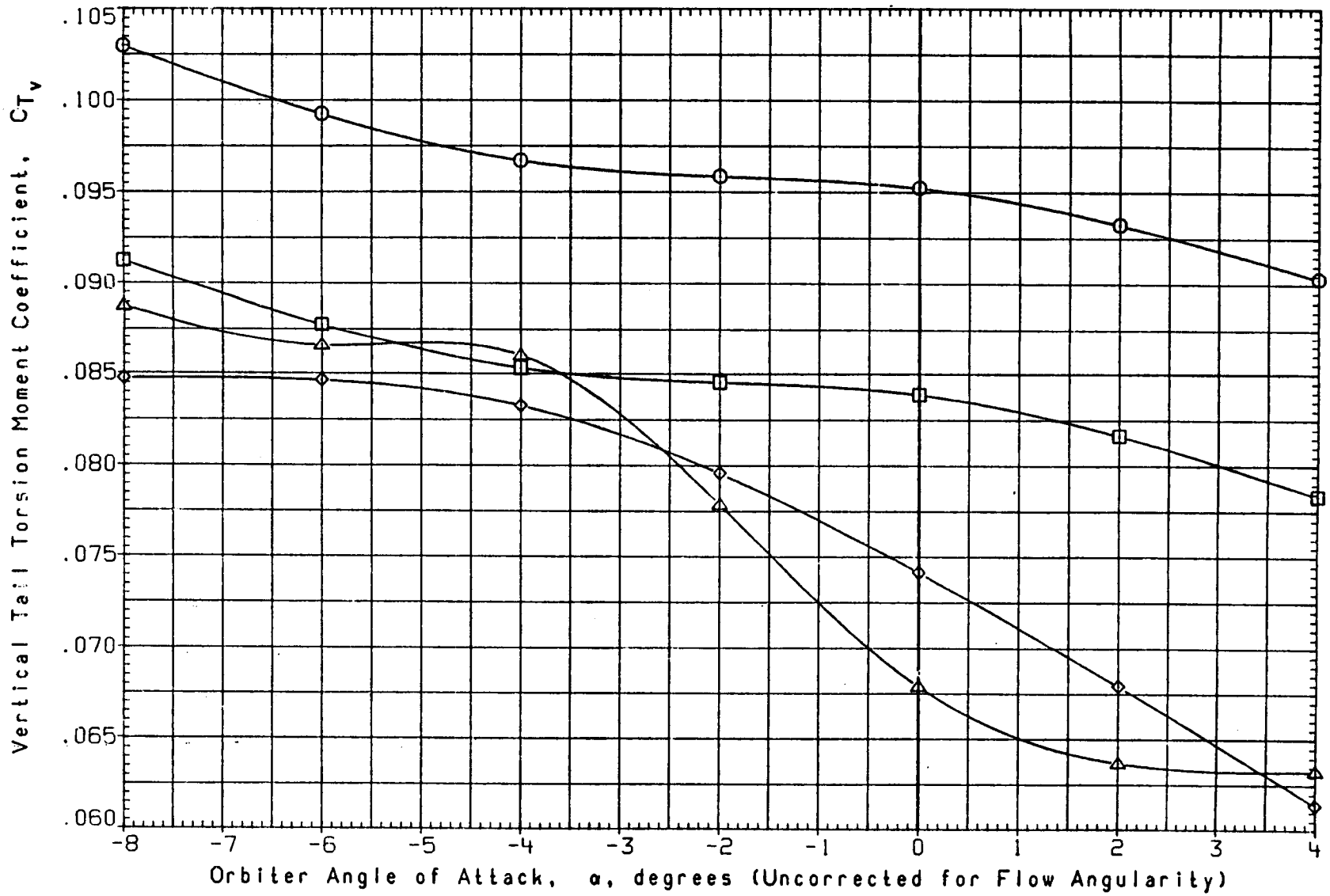


FIG. 40 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.90, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

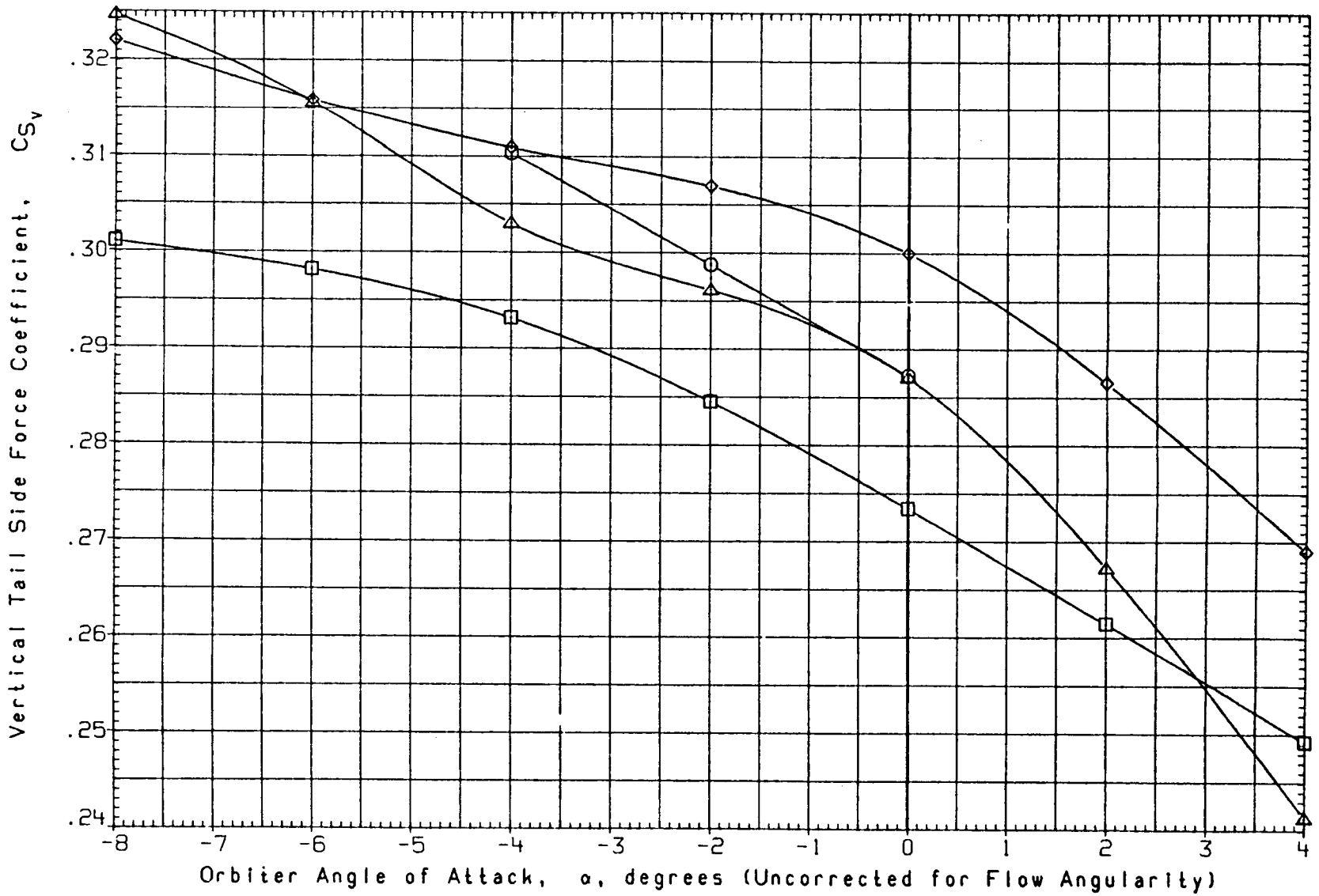


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

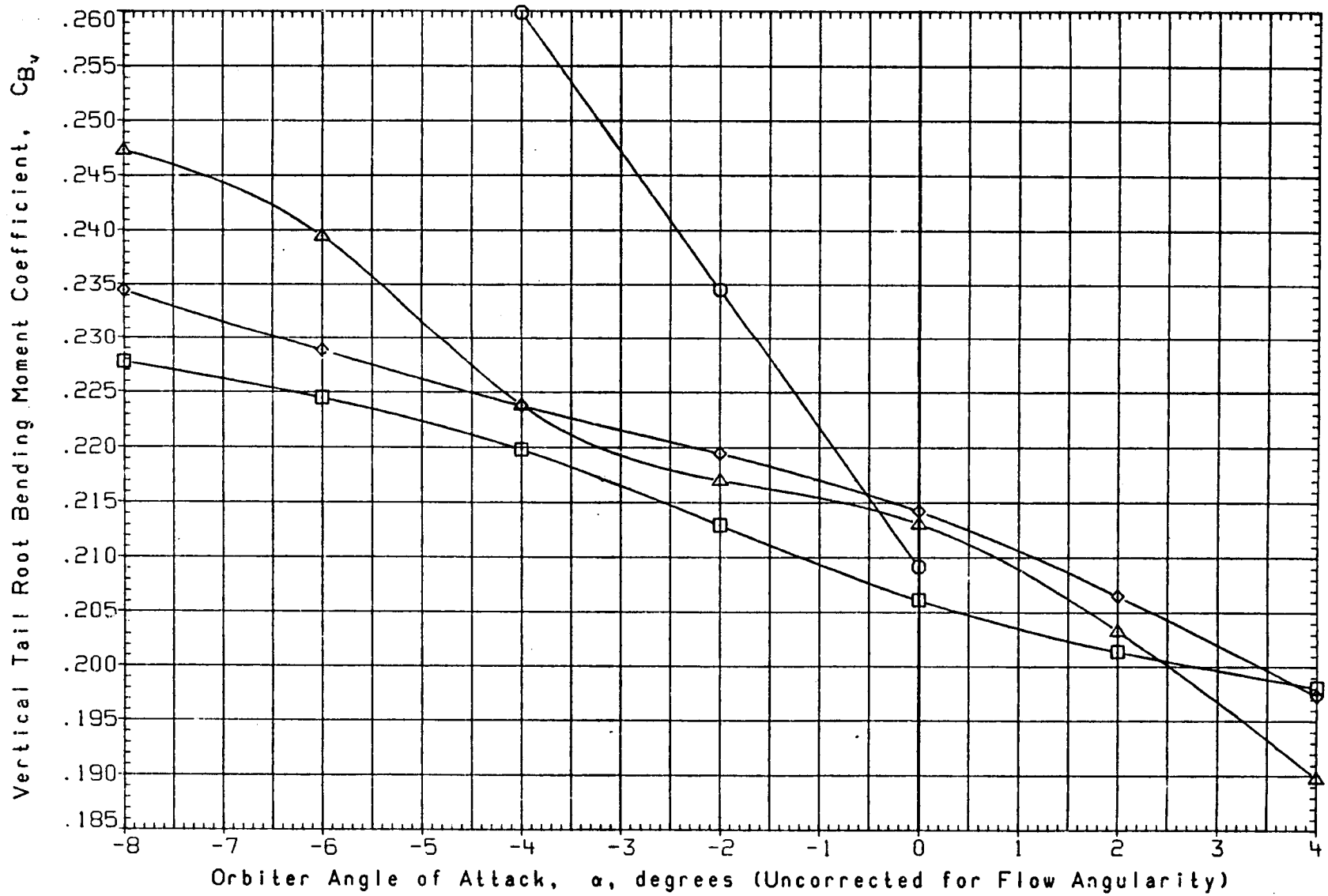


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
C8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

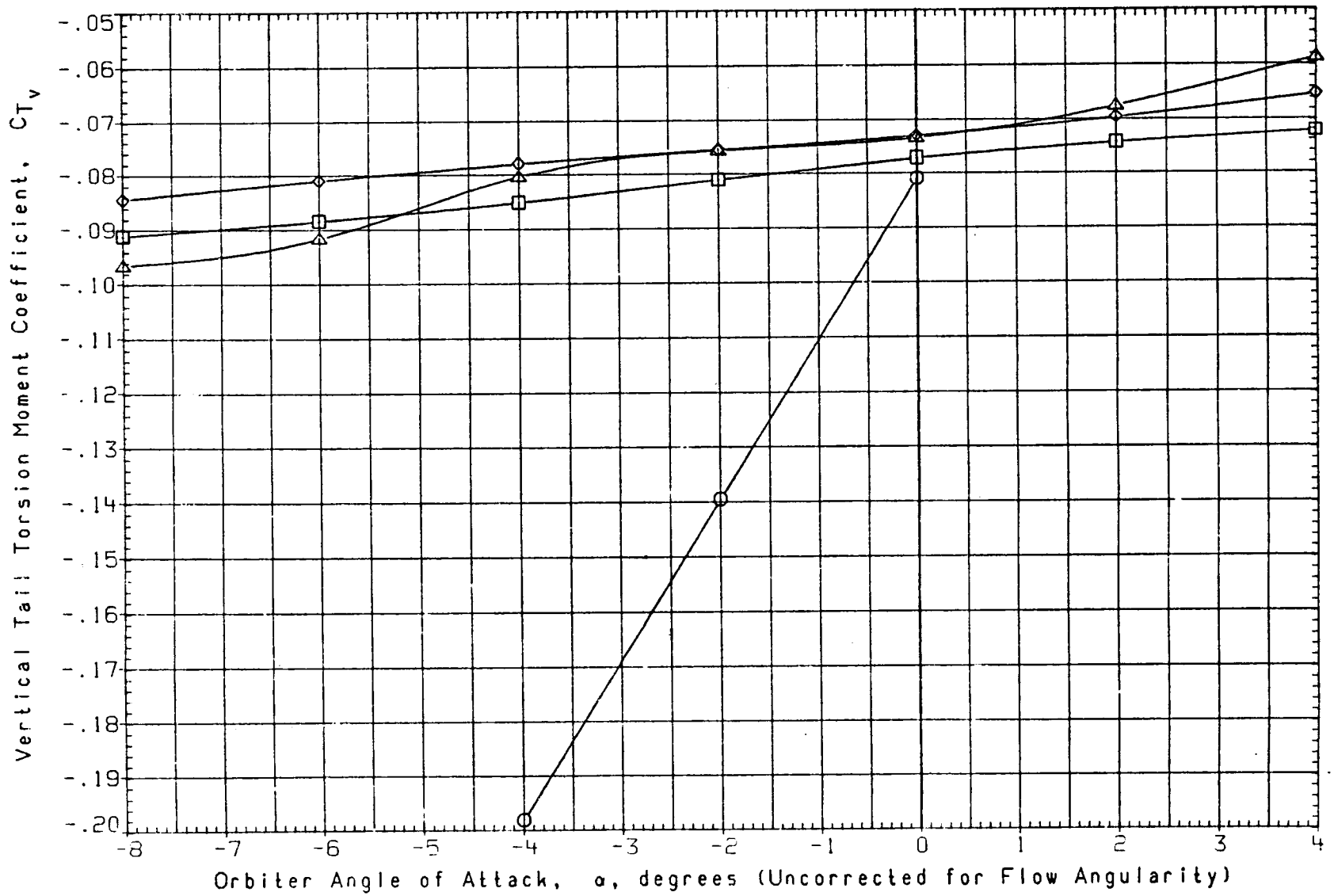


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV15	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

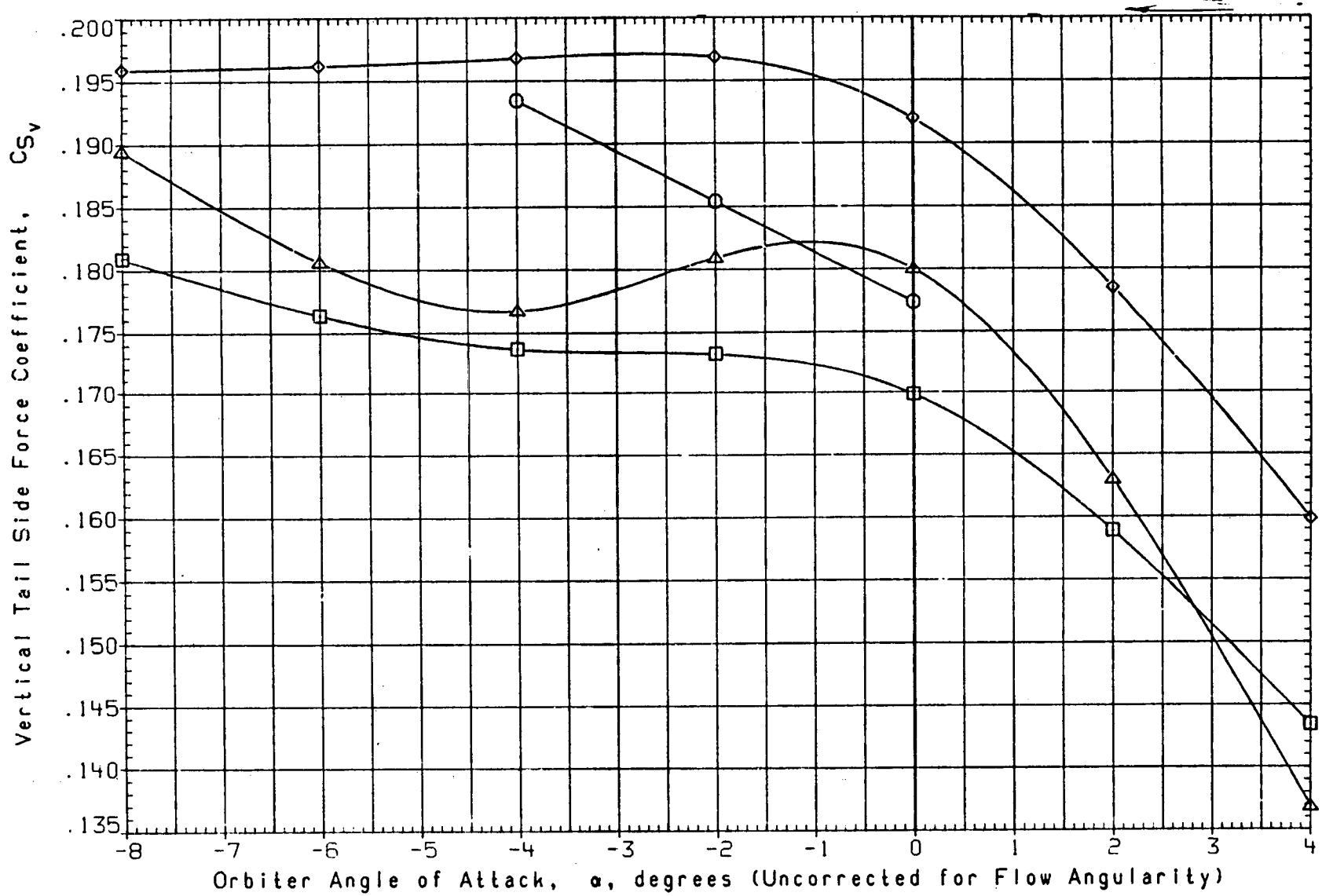


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

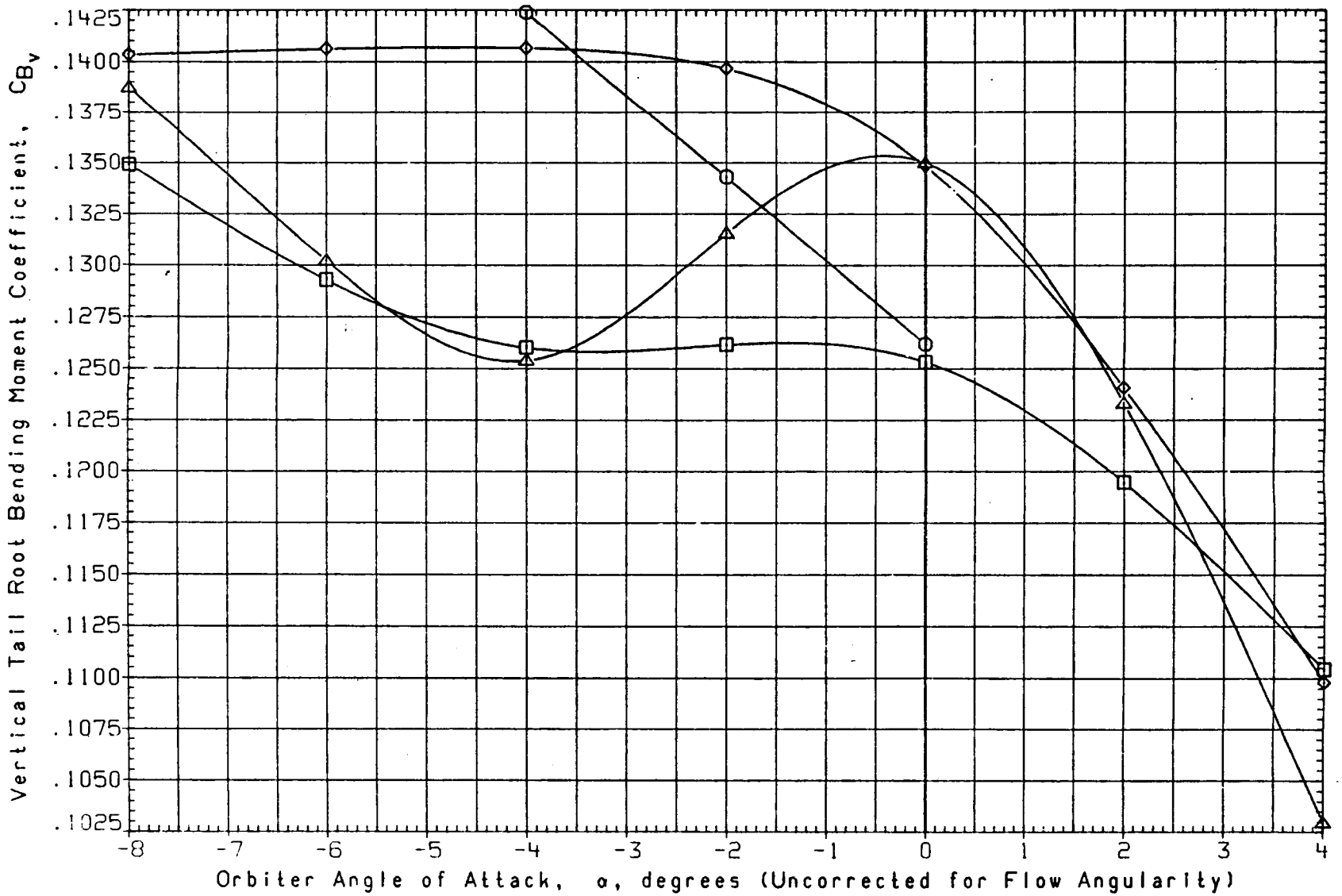


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

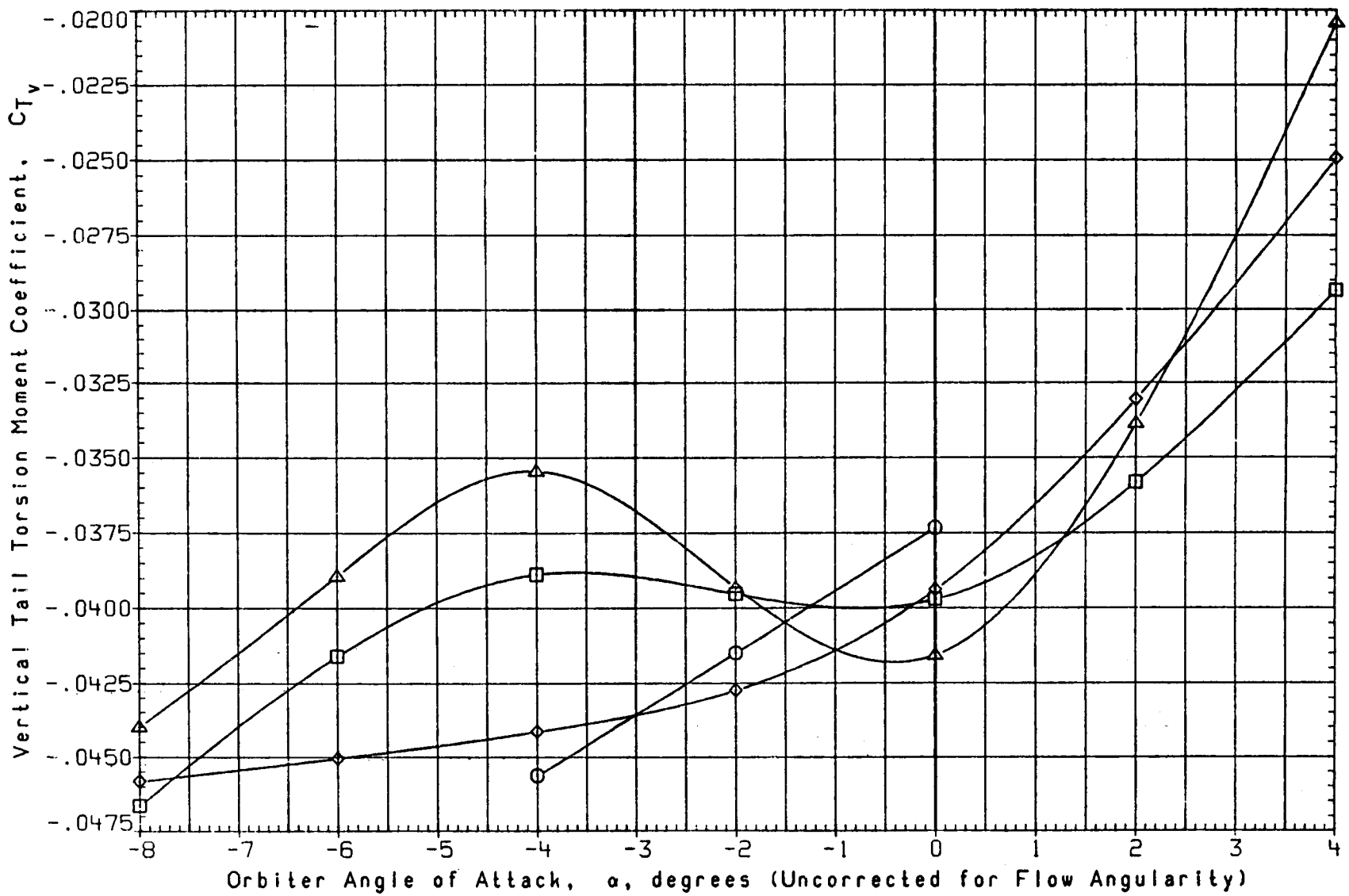


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

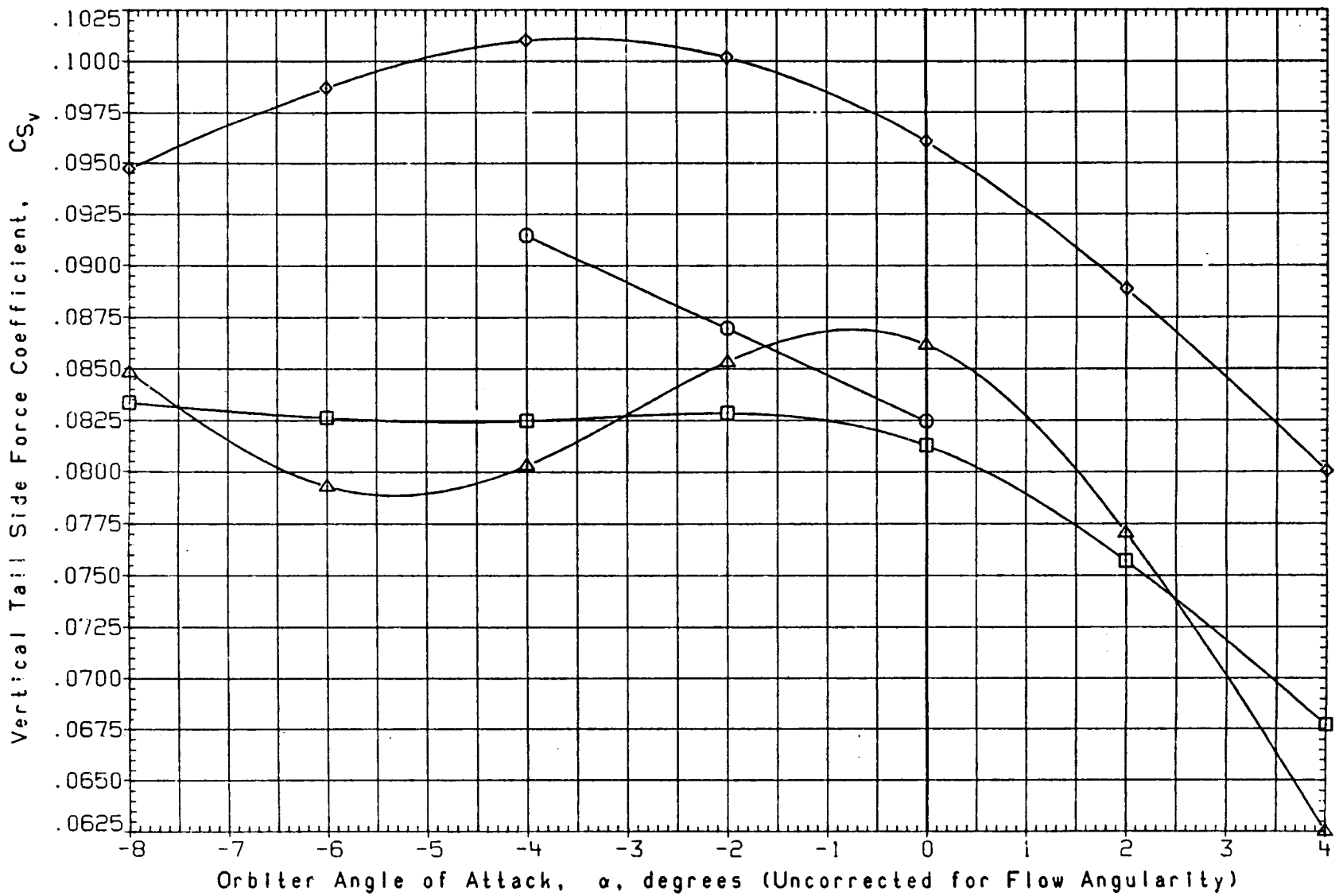


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
U8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

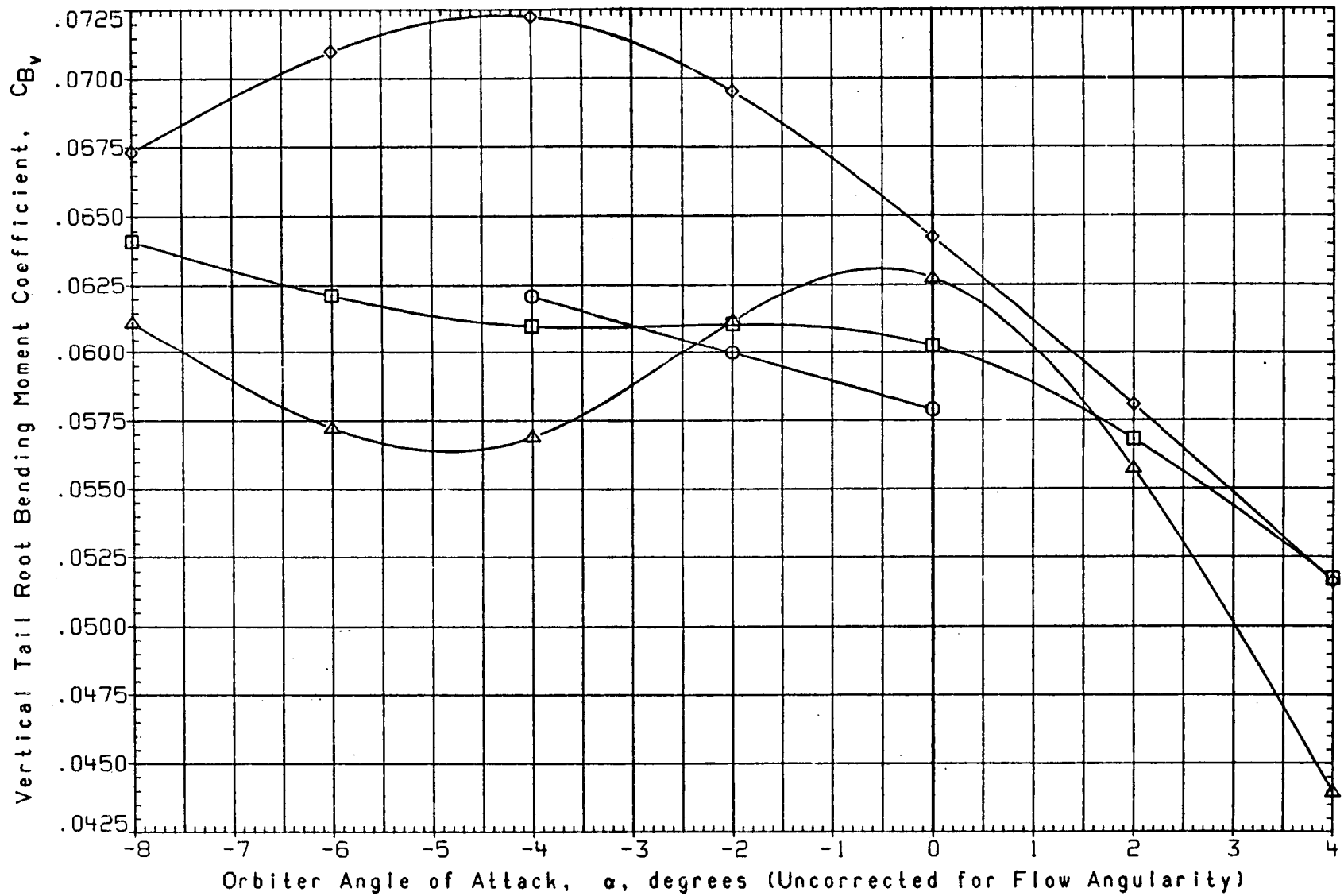


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

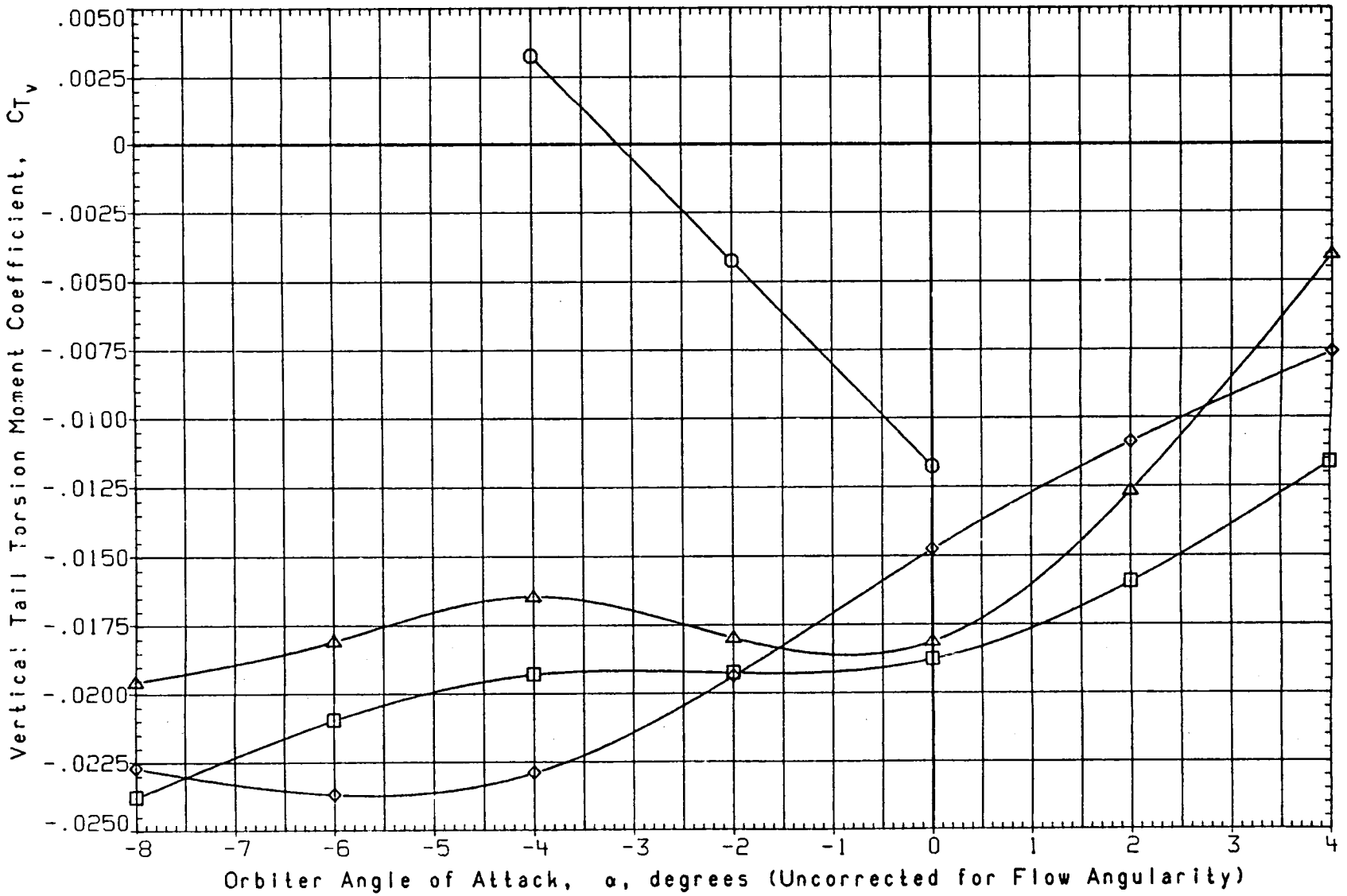


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

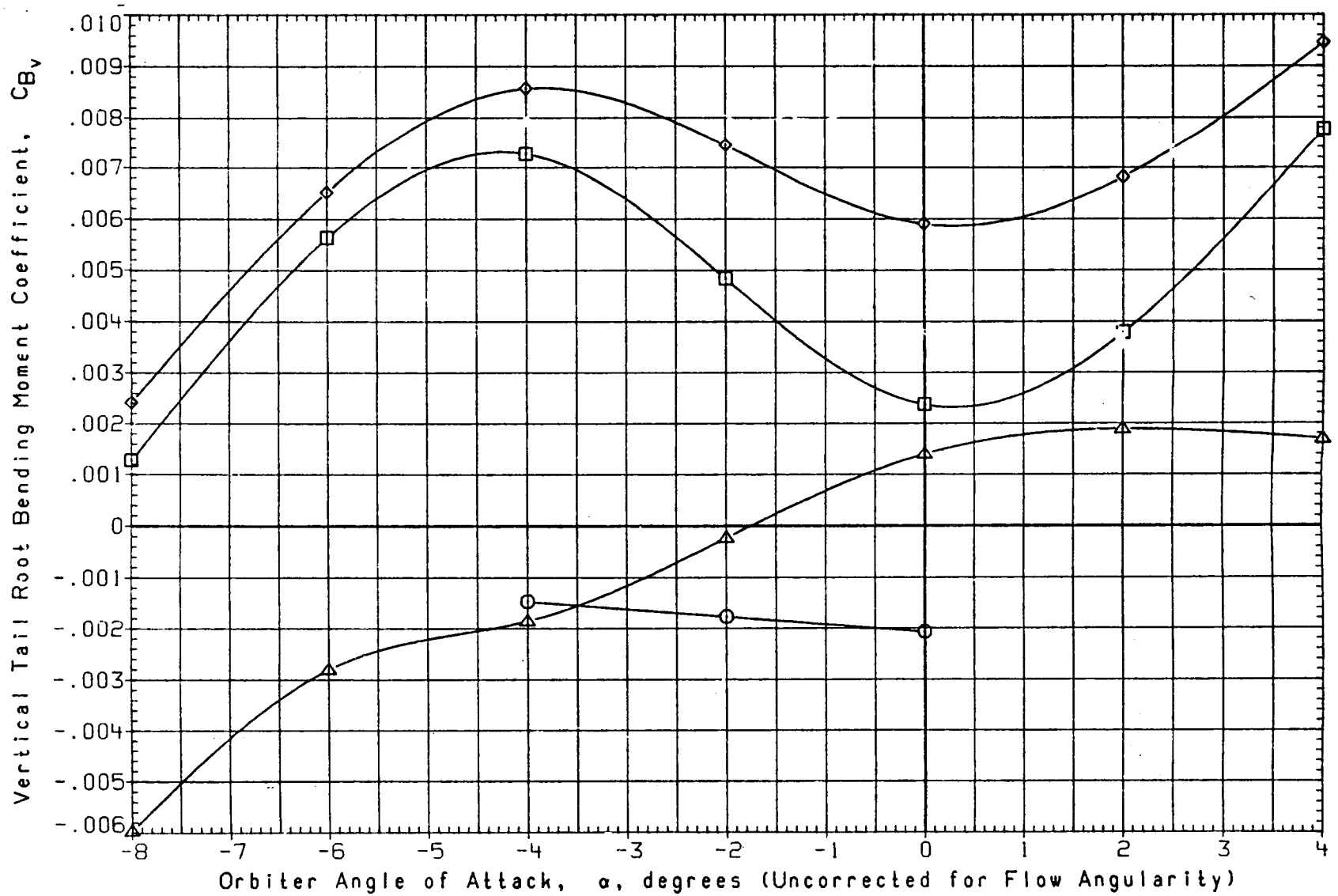


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

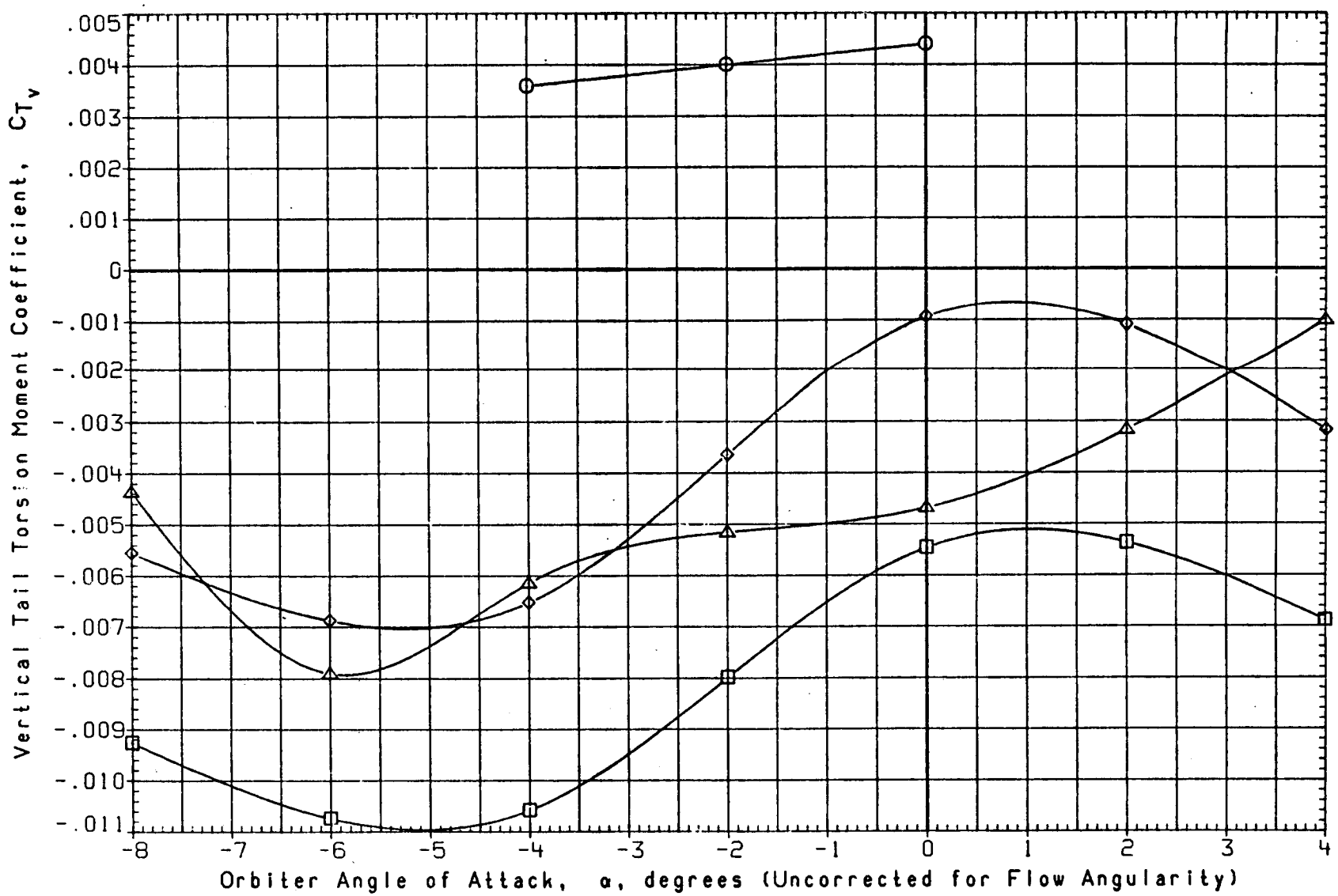


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

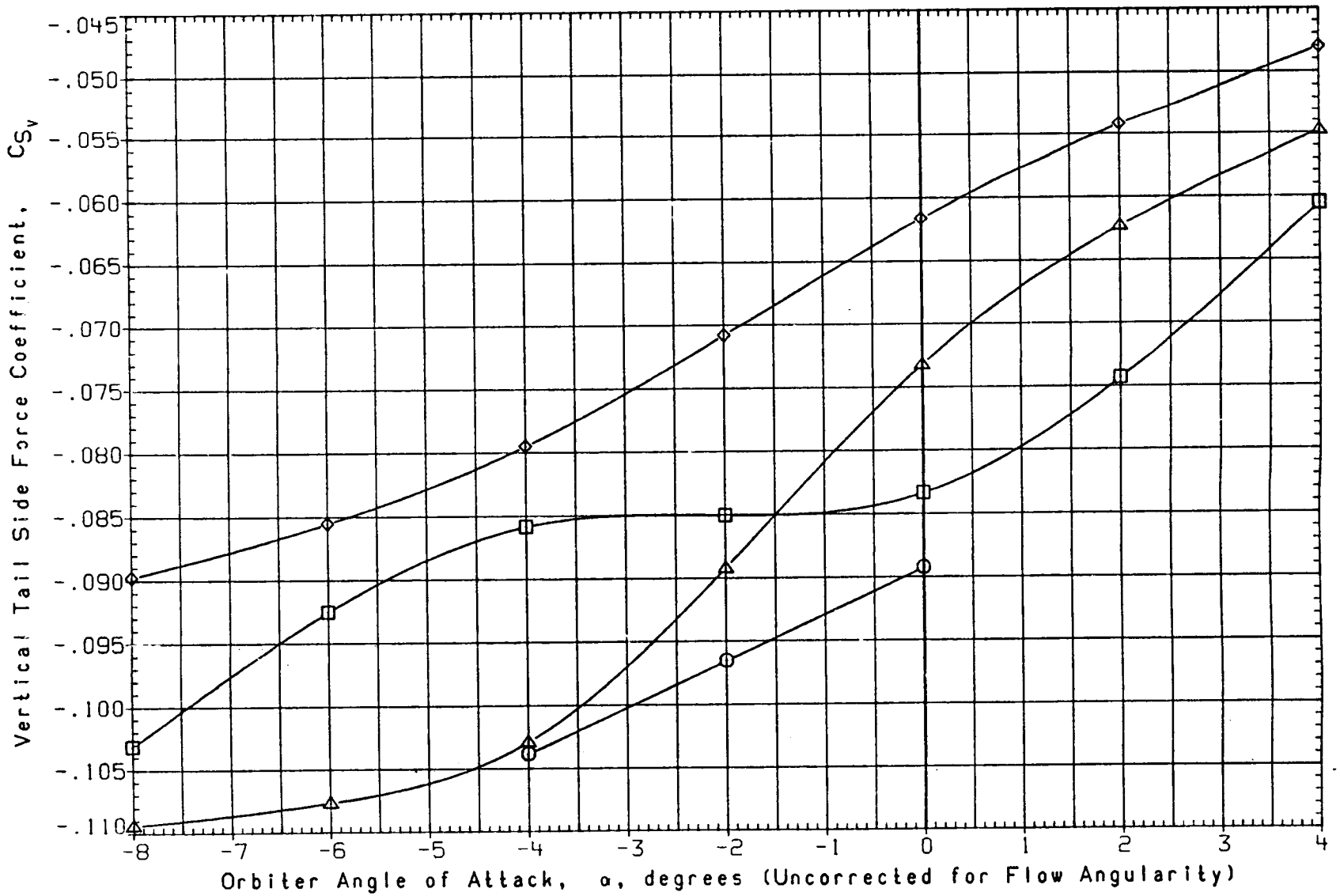


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

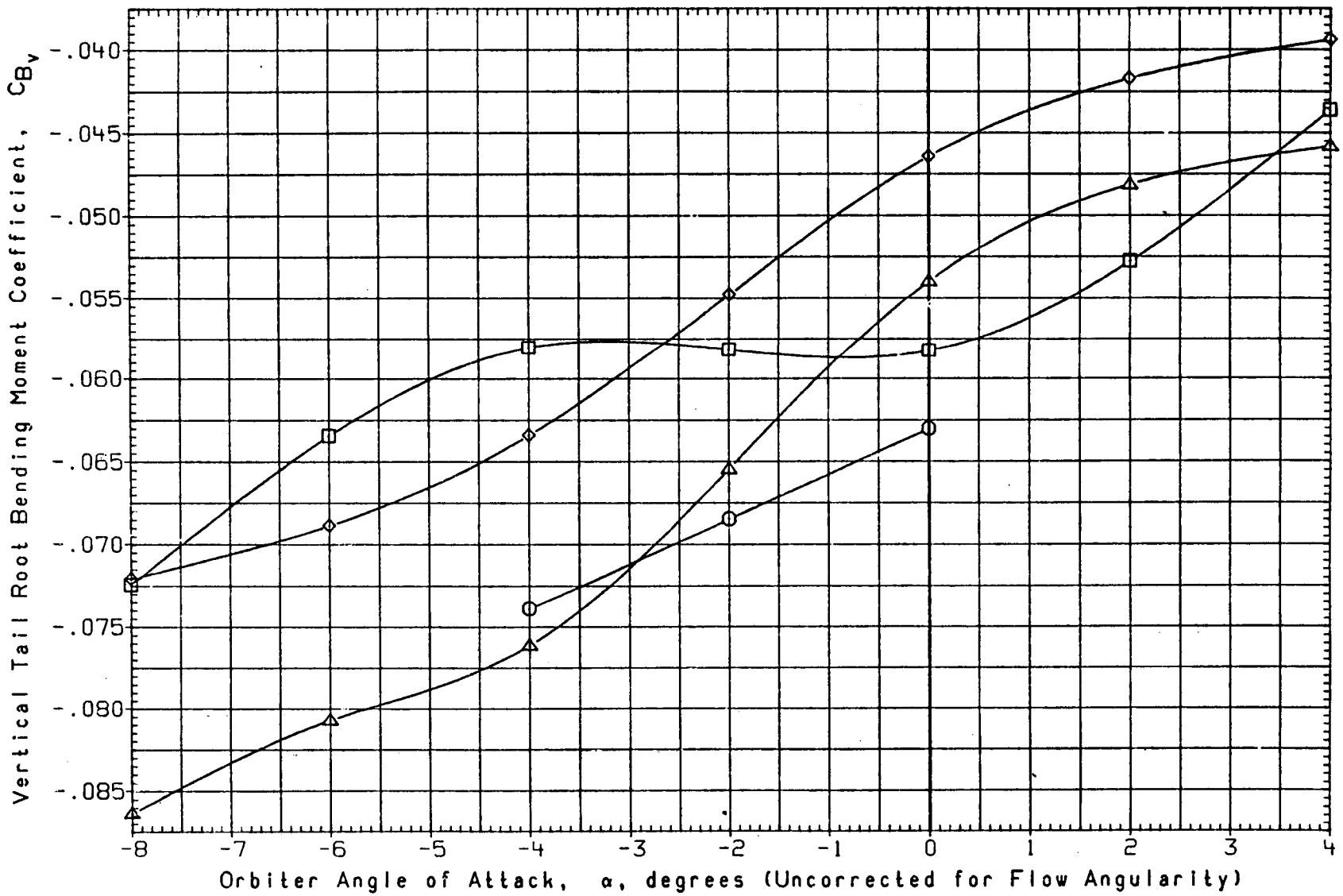


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U9NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

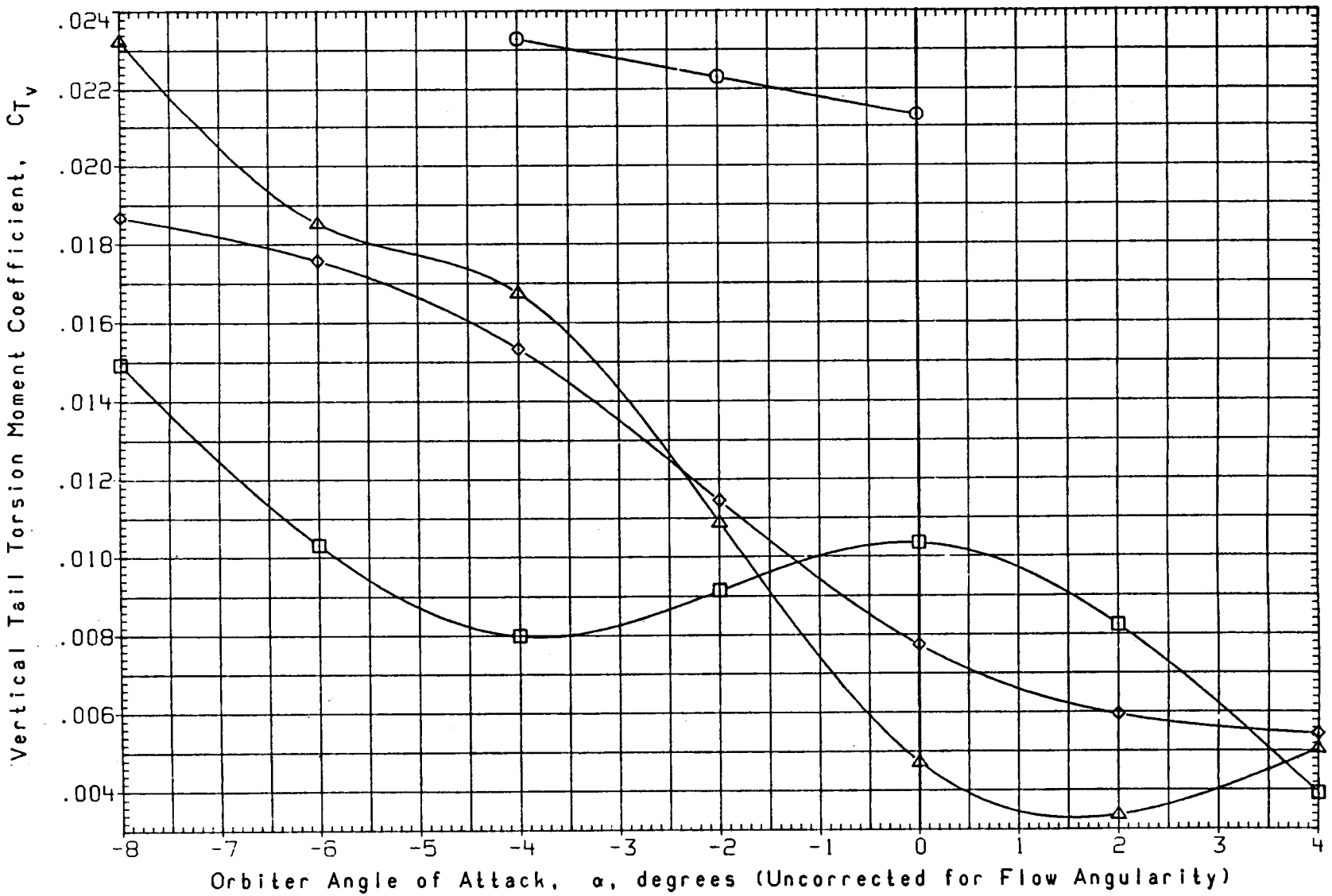


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

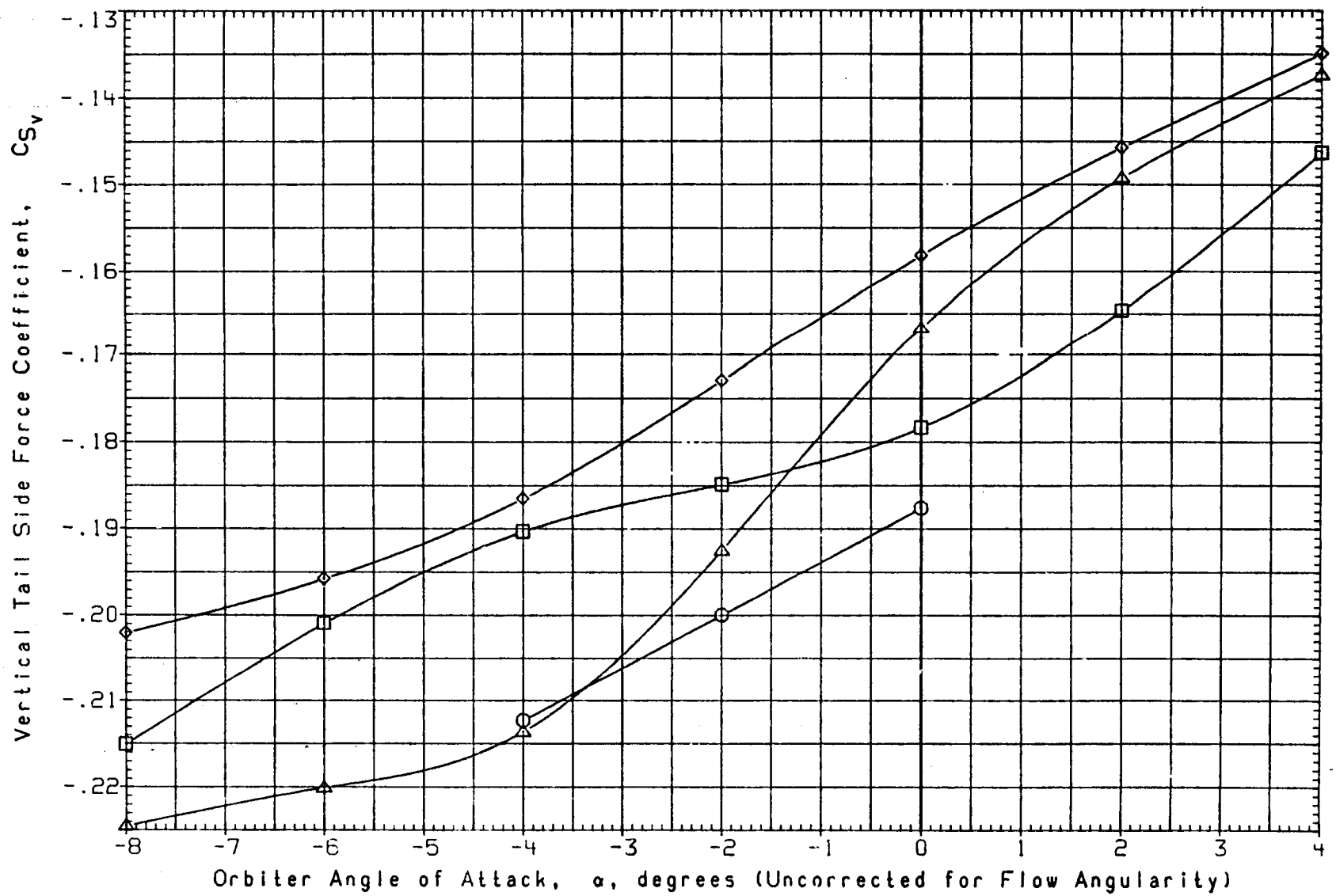


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

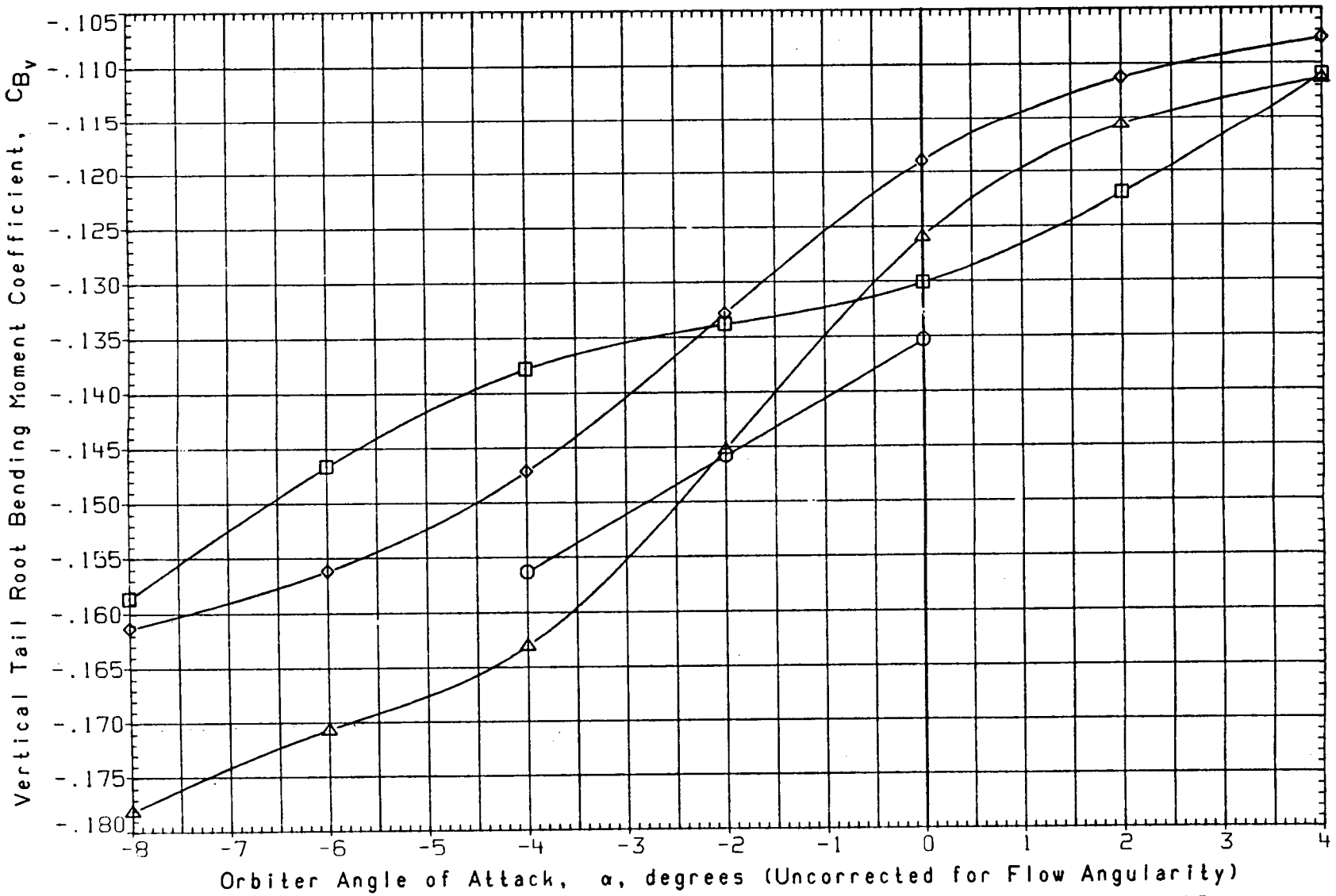


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

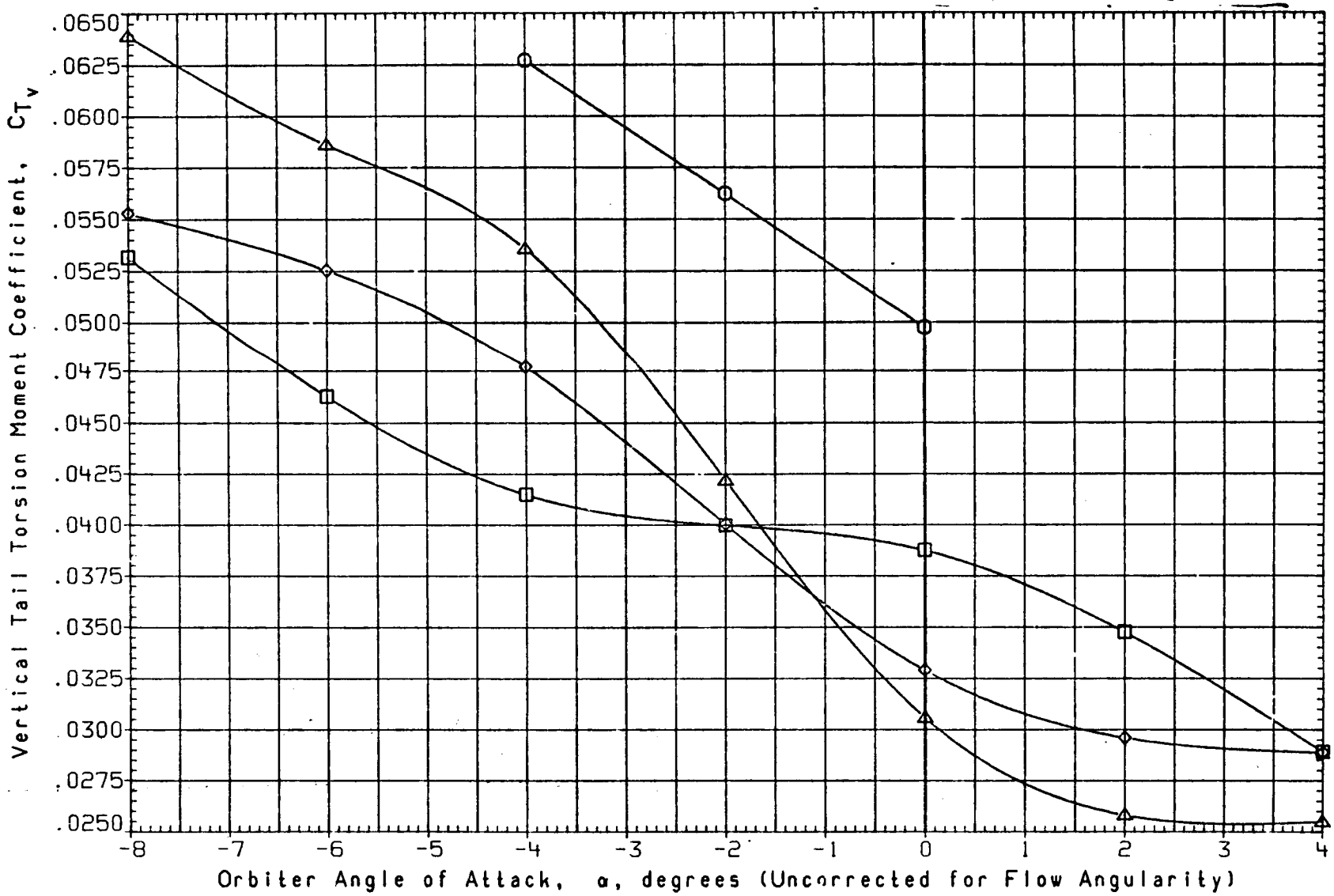


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

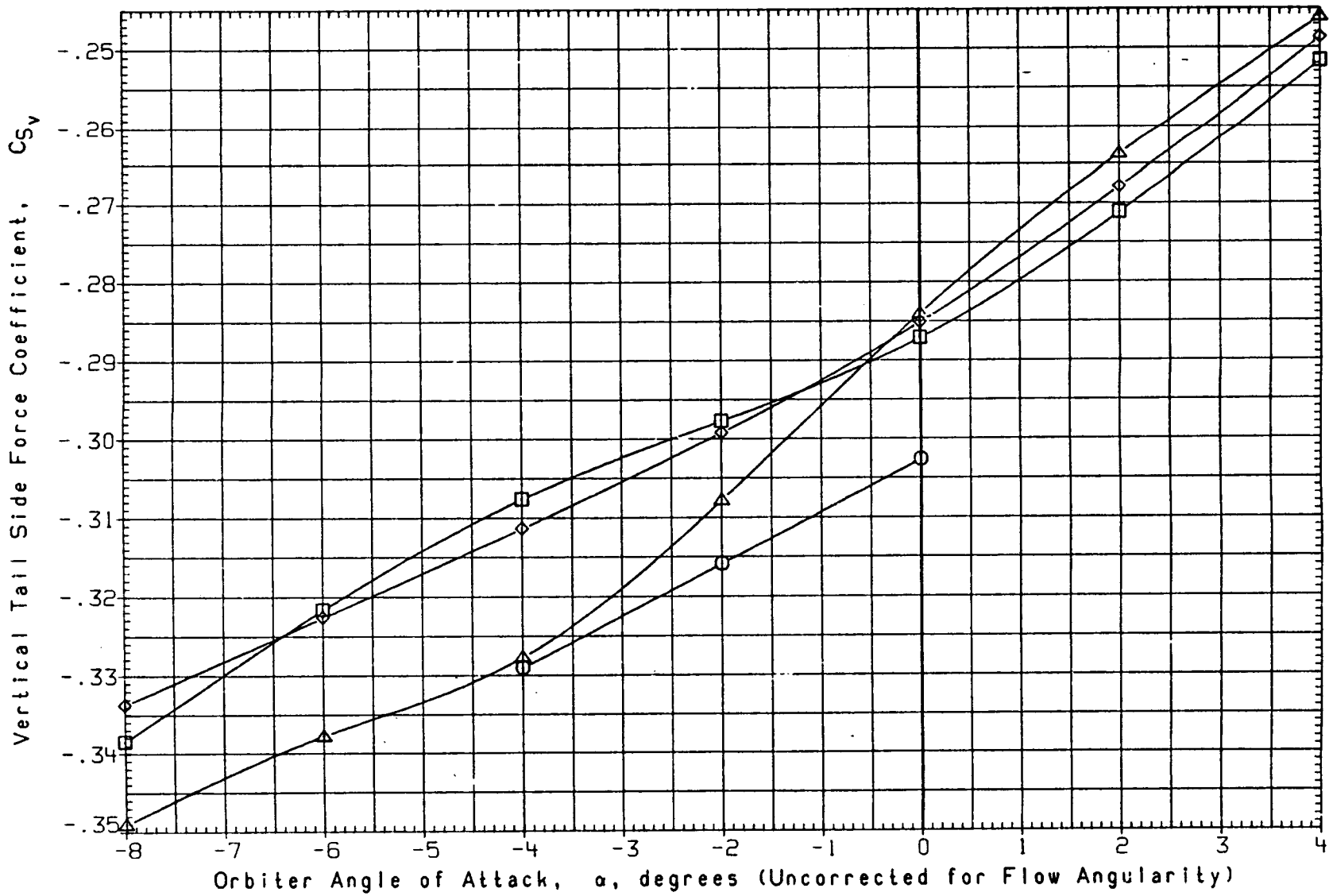


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

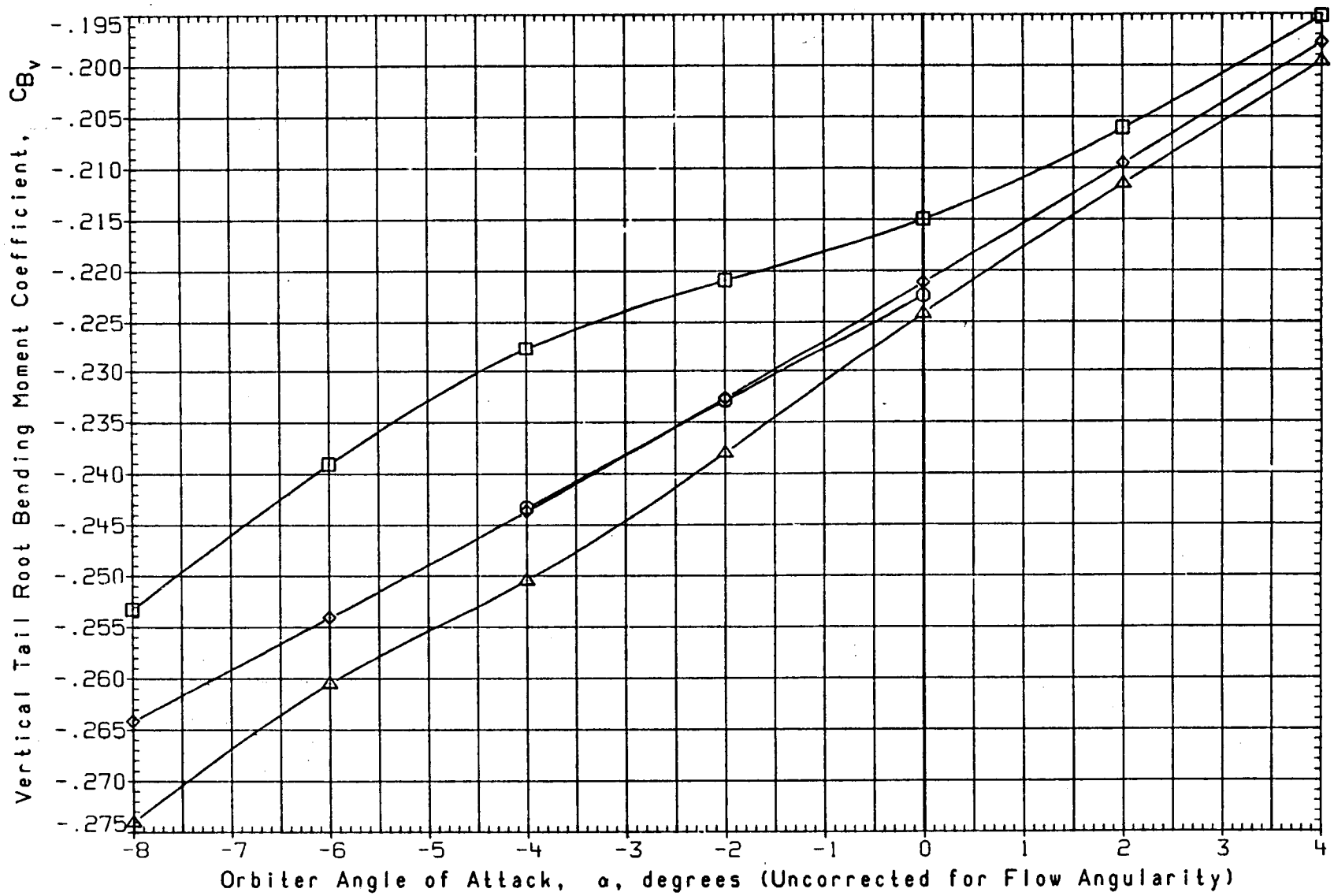


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	CB-ELV
U80V03	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	.950	10.000	5.000
O8PV16	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	.950	10.000	5.000
U8MV38	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	.950	10.000	5.000
U8NV45	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	.950	10.000	5.000

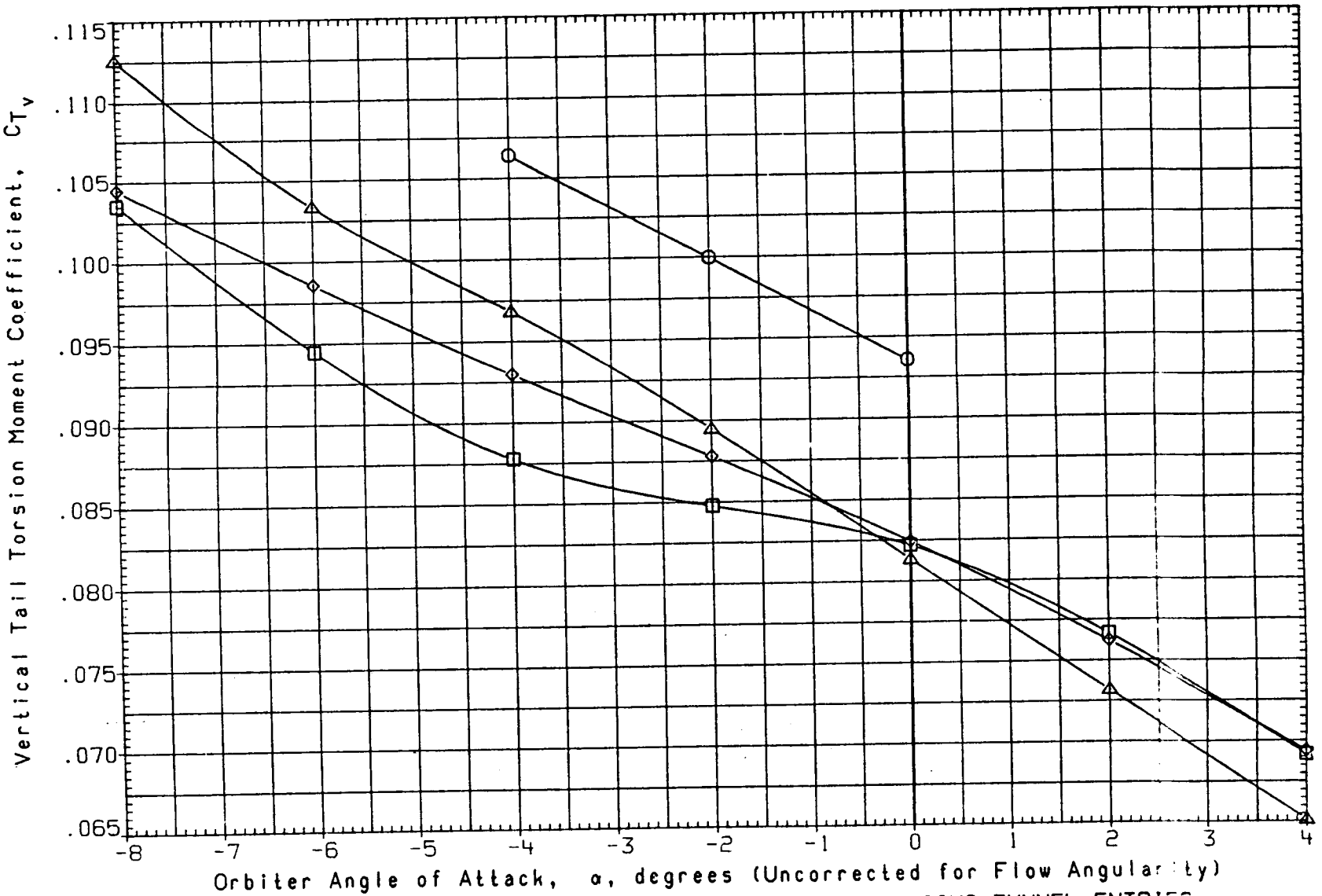


FIG. 41 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 0.95, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
08PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

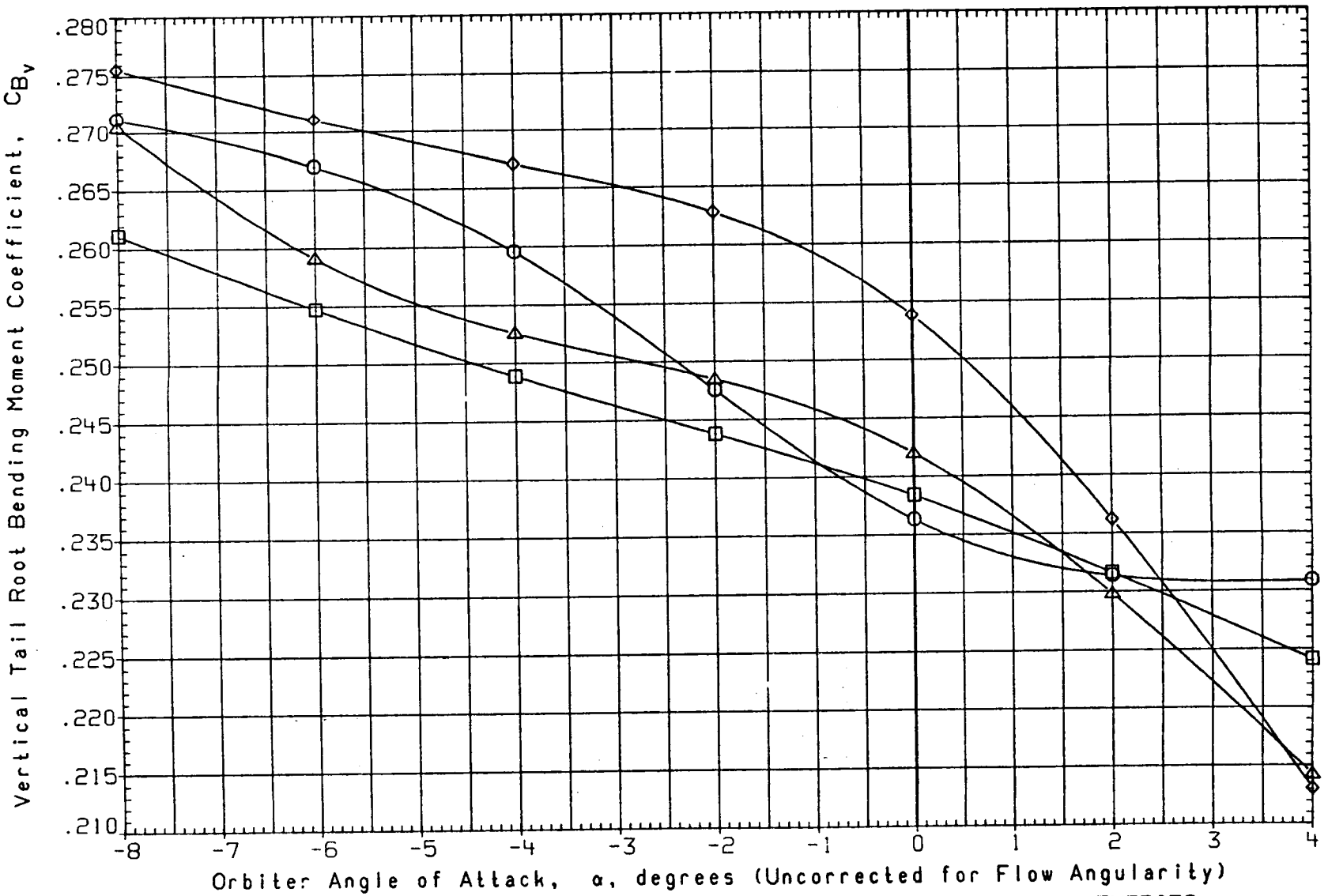


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

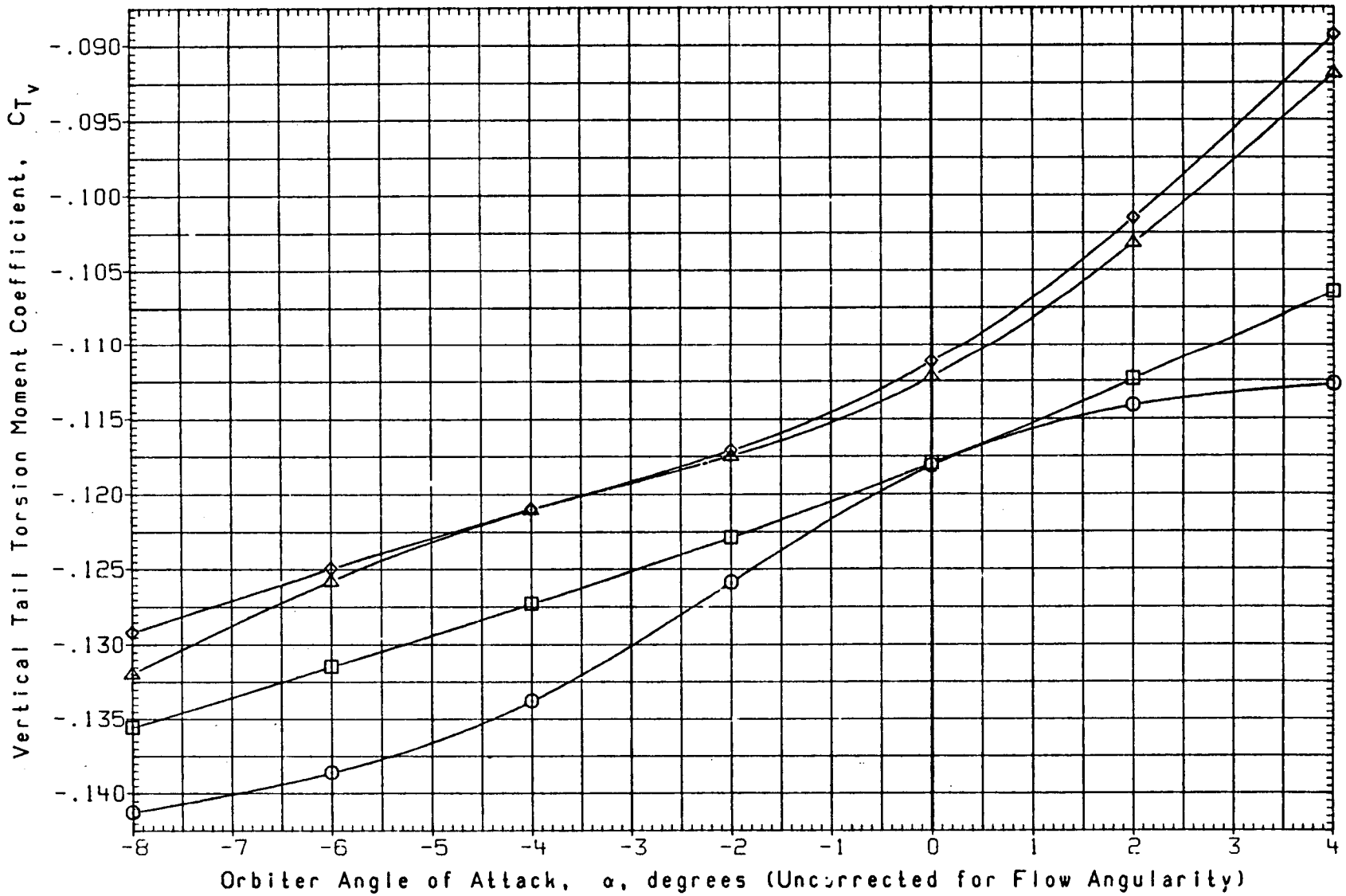


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

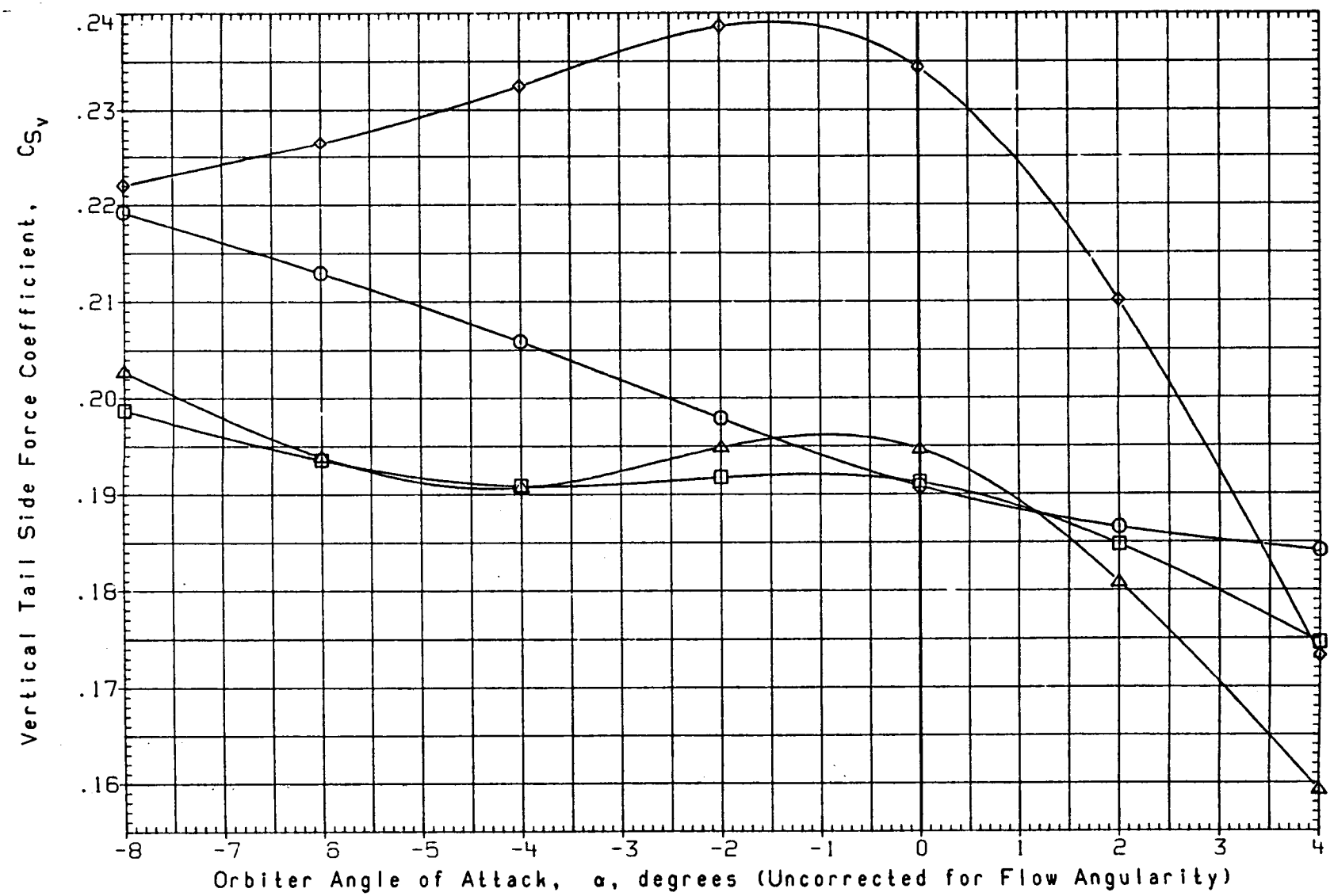


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

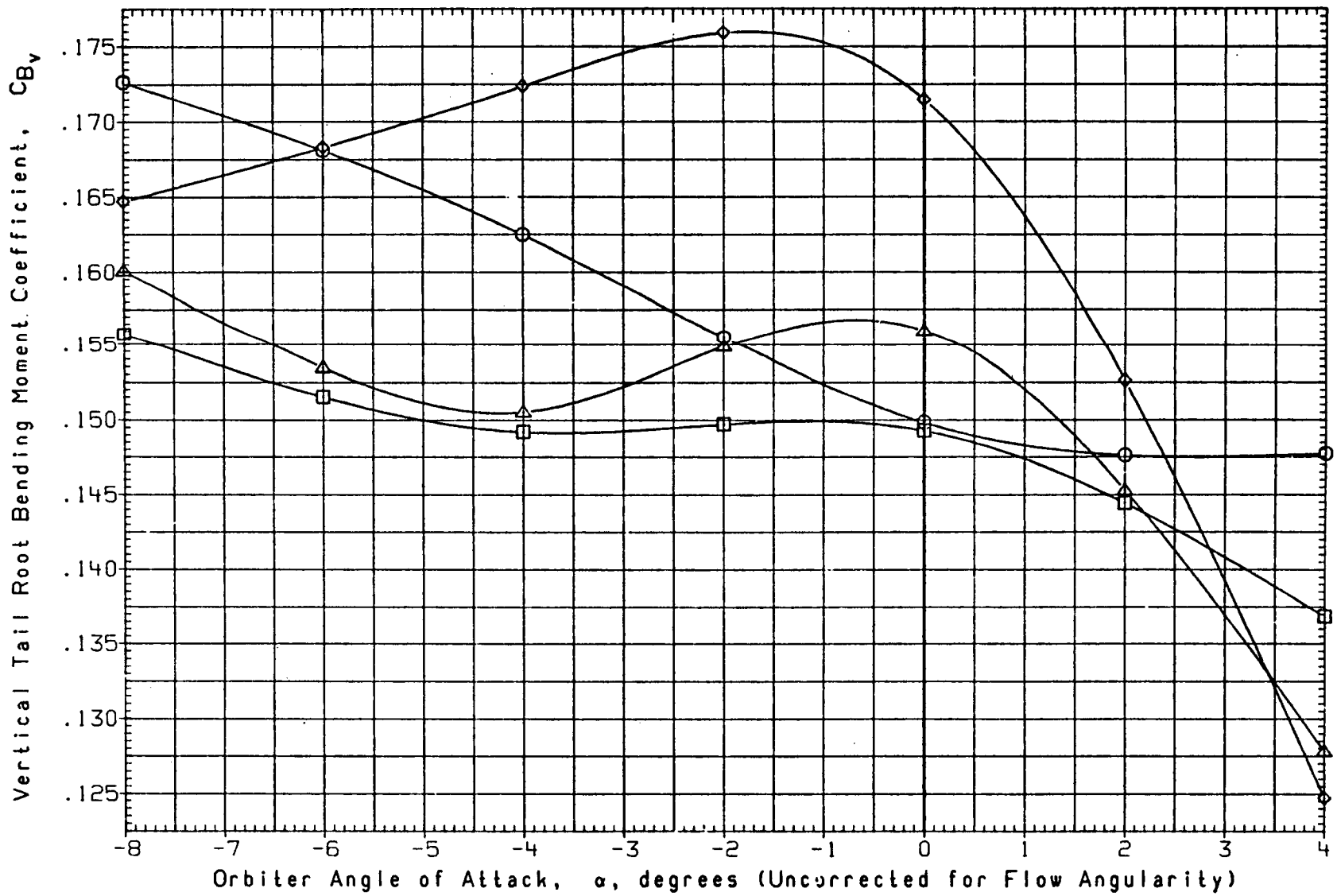


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

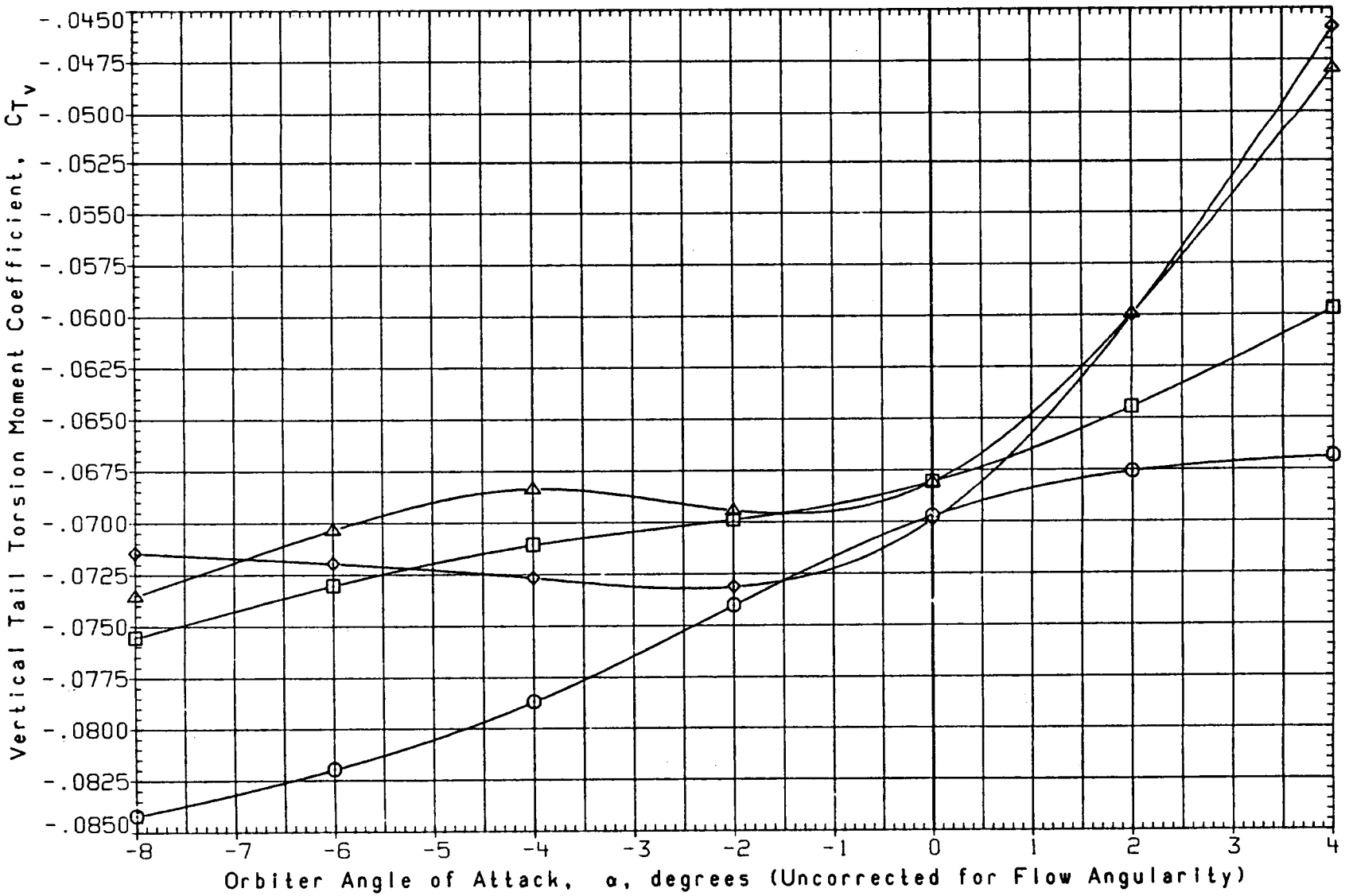


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

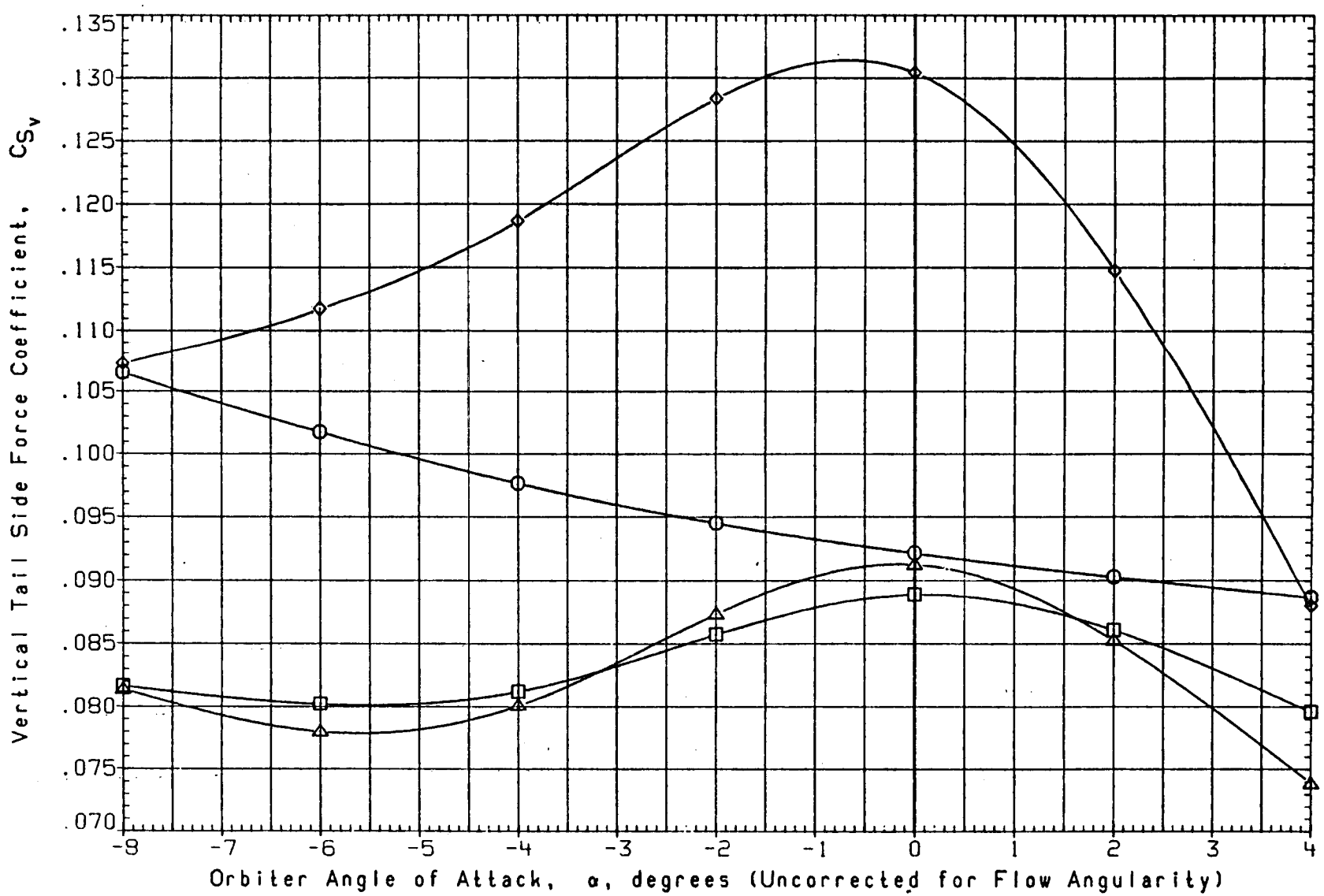


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

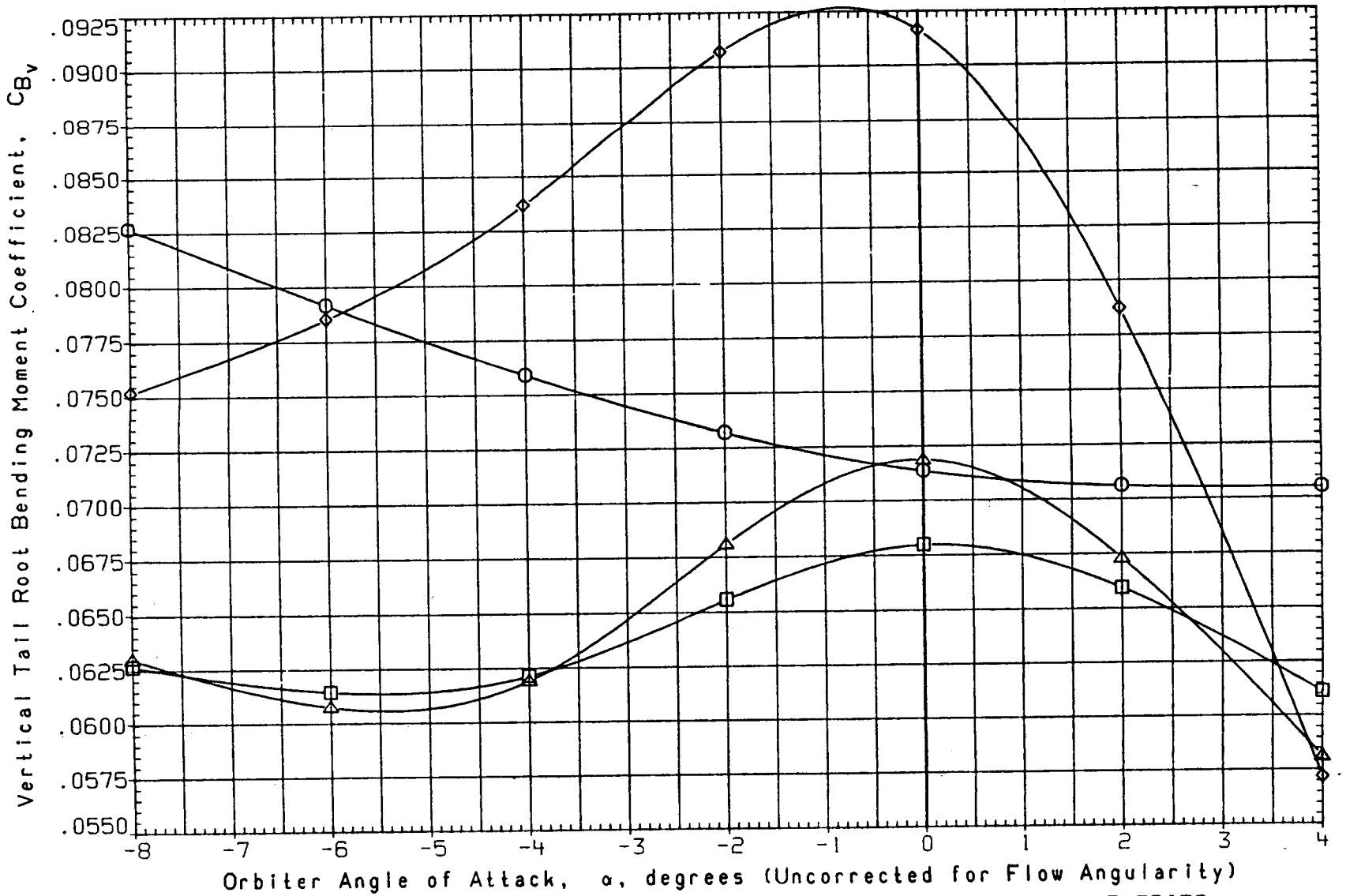


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

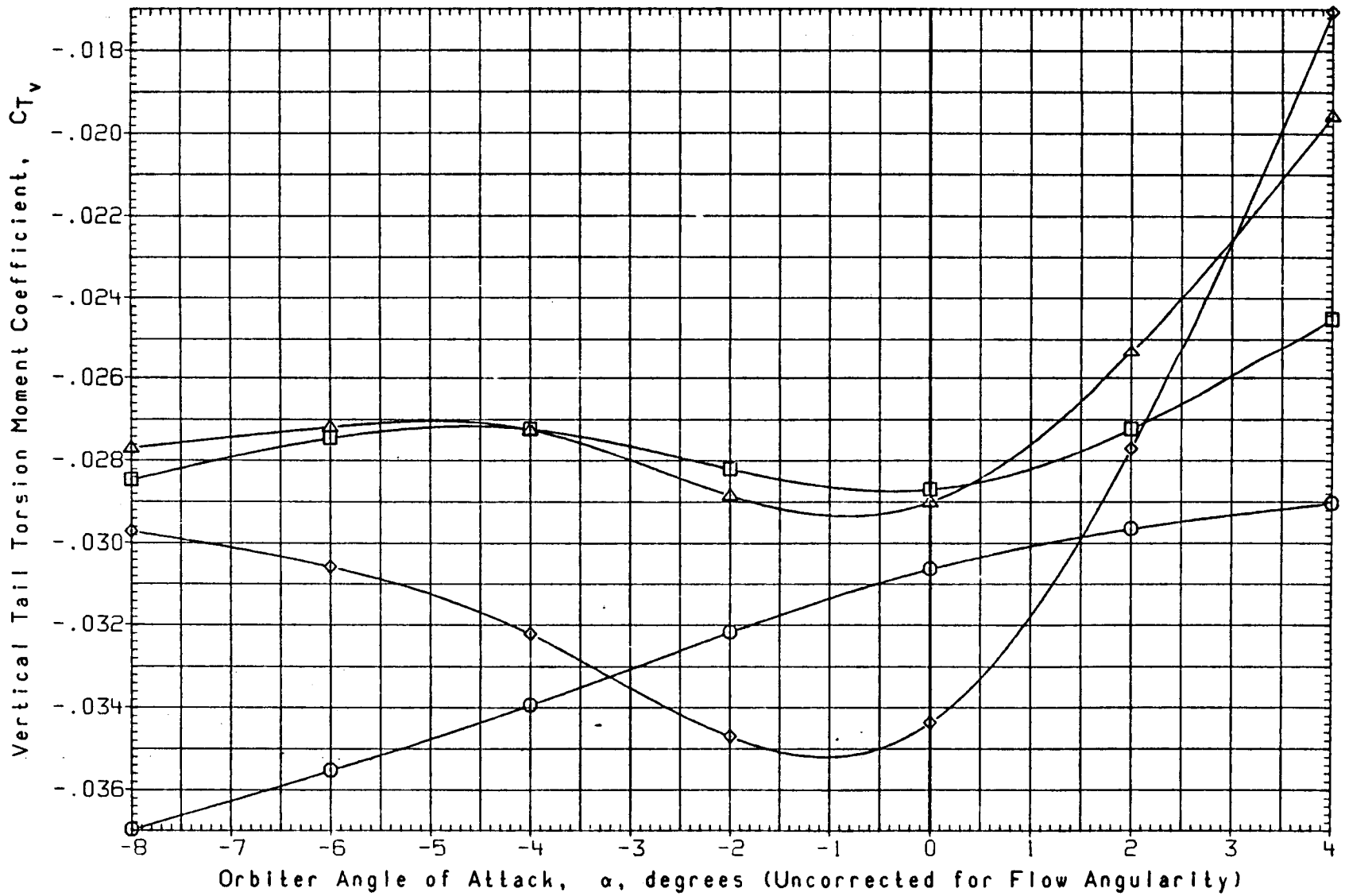


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

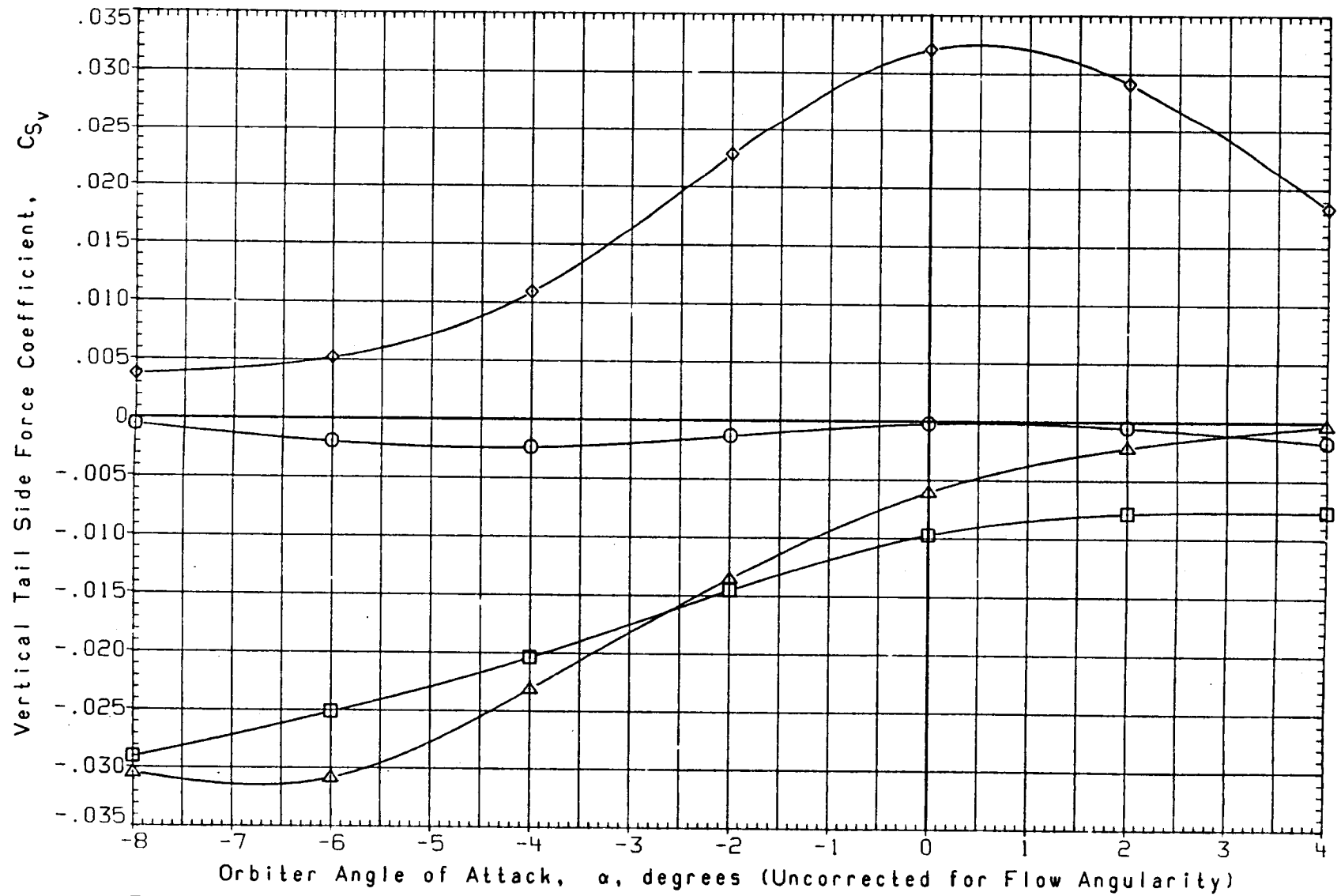


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

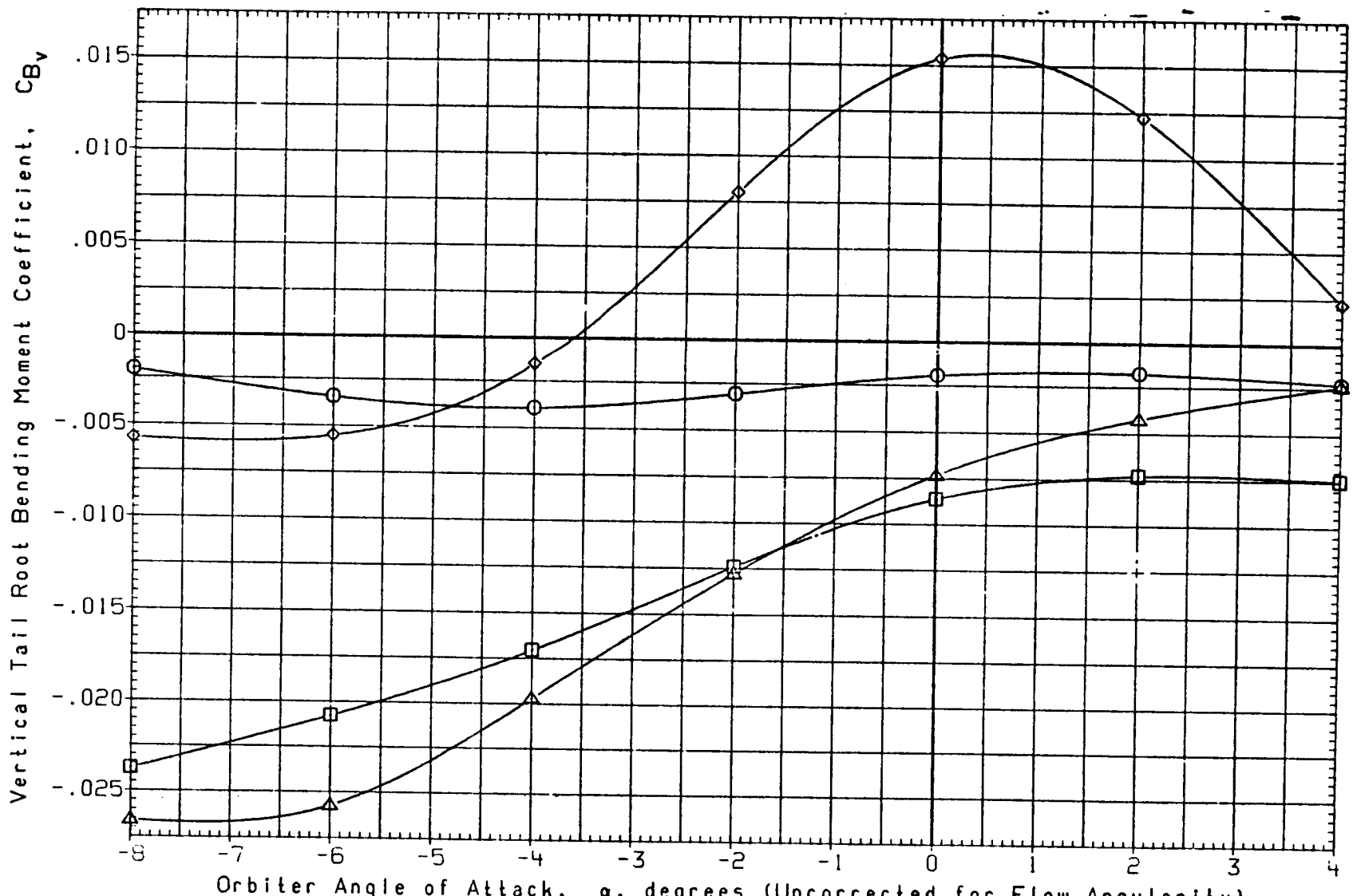


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
OSPV17	□	IA193,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

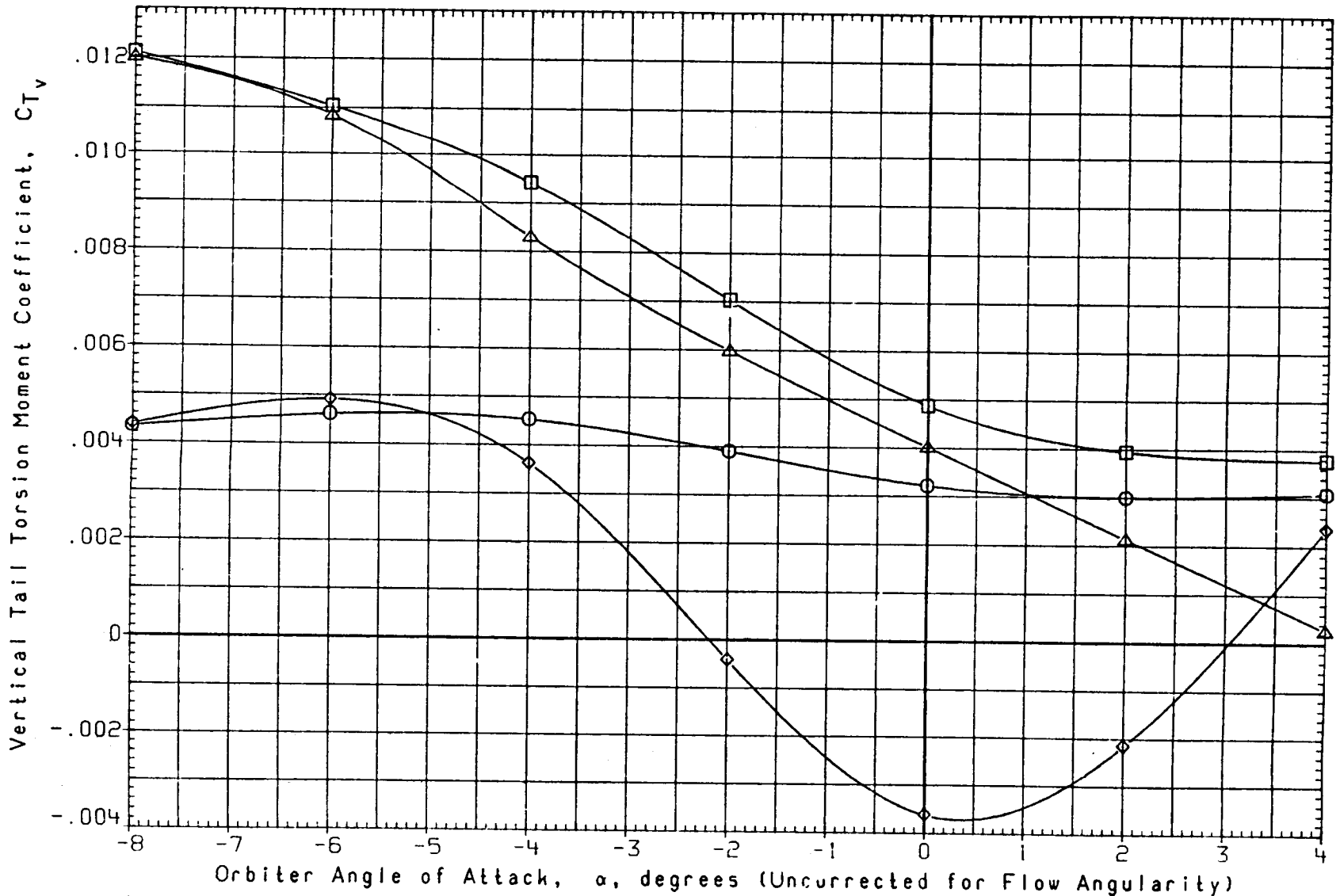


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

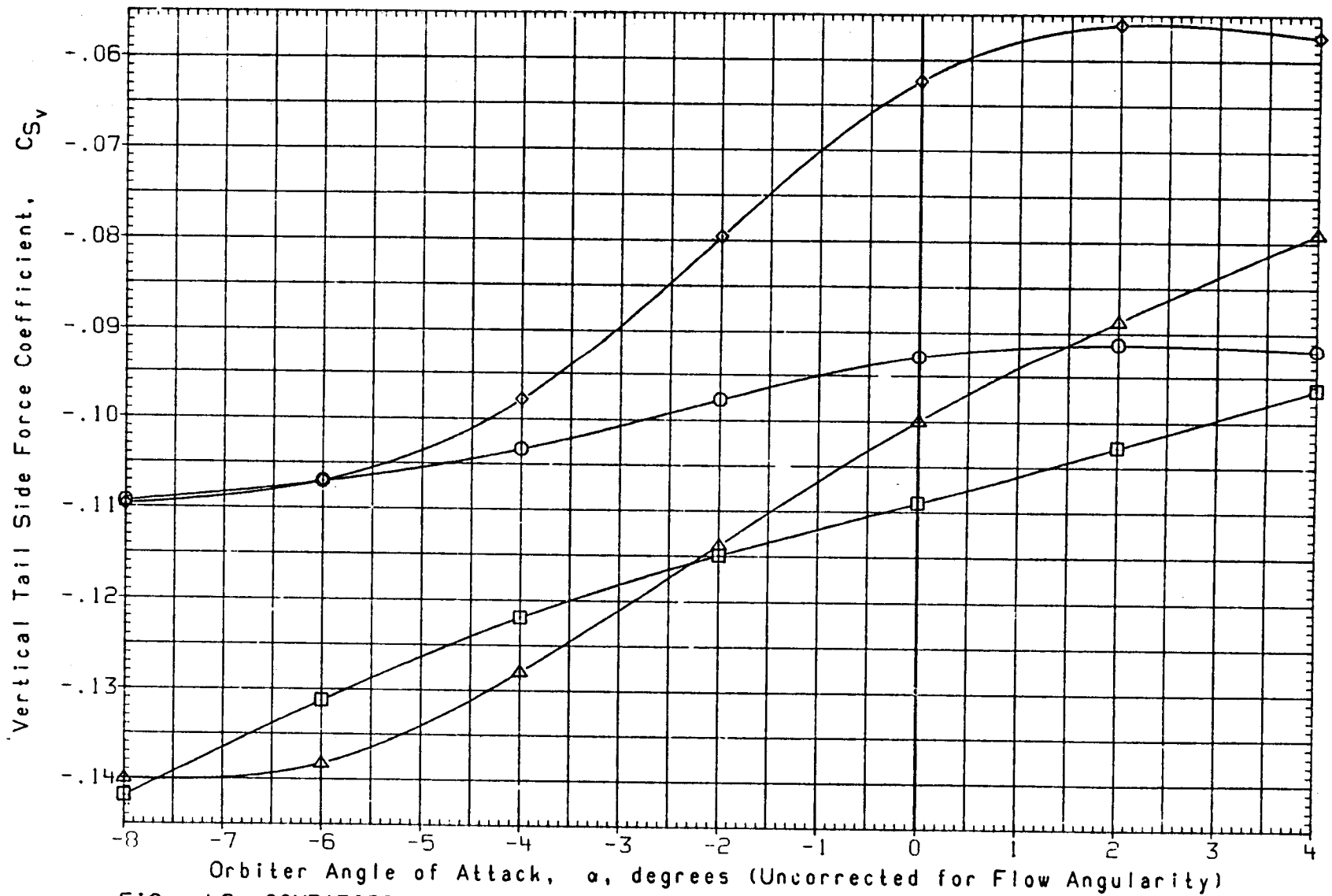


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A.ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

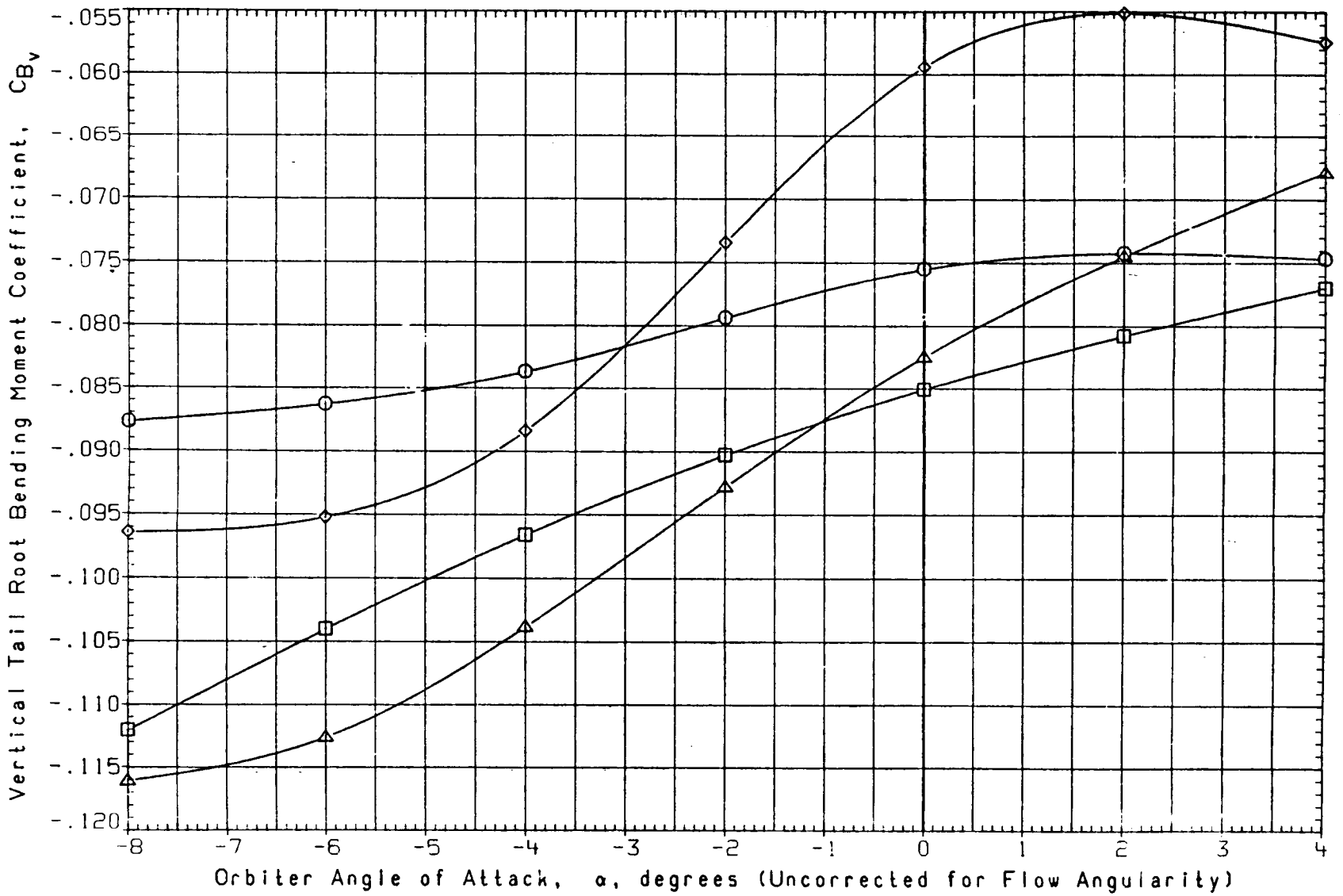


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
U8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

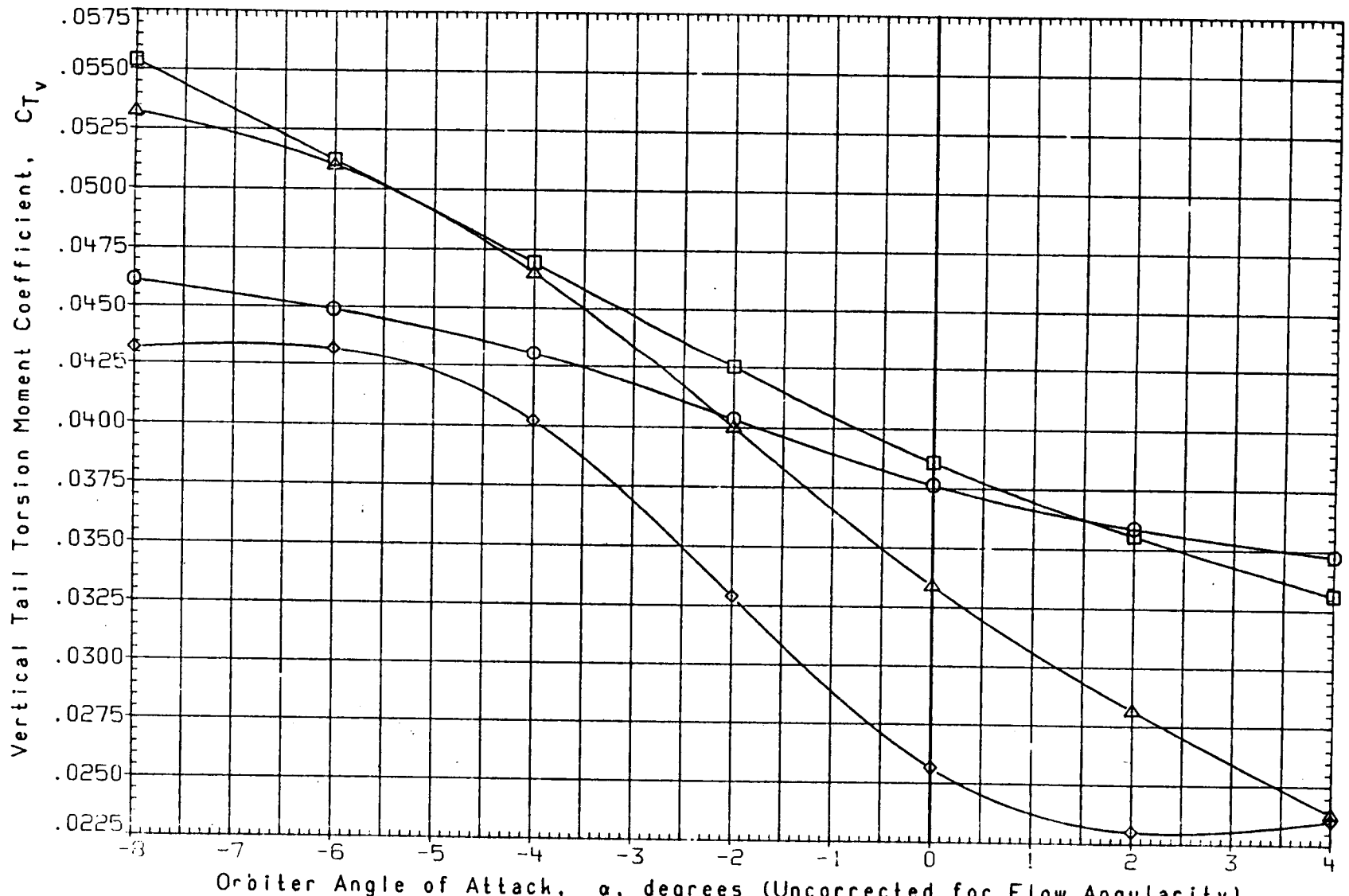


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

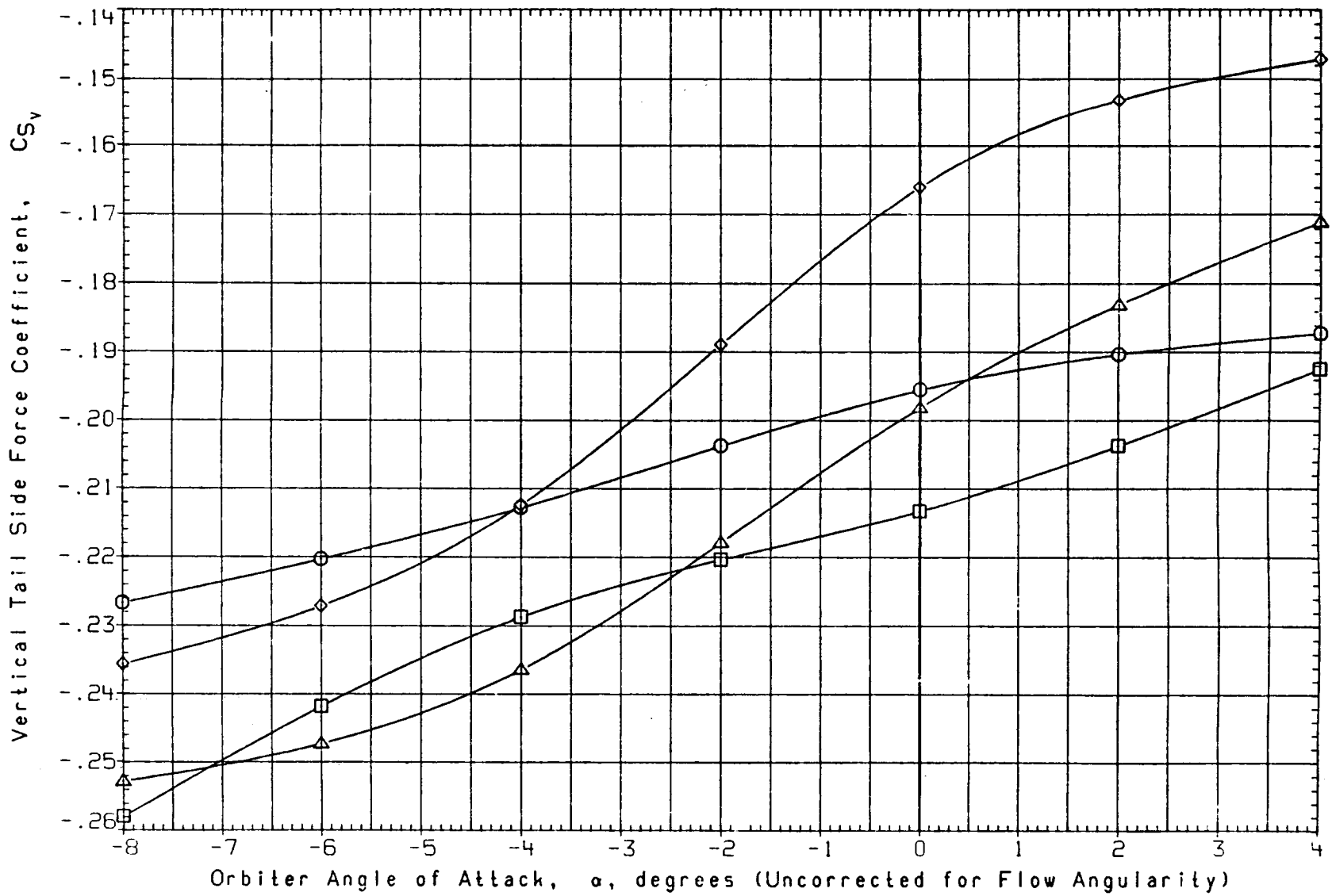


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

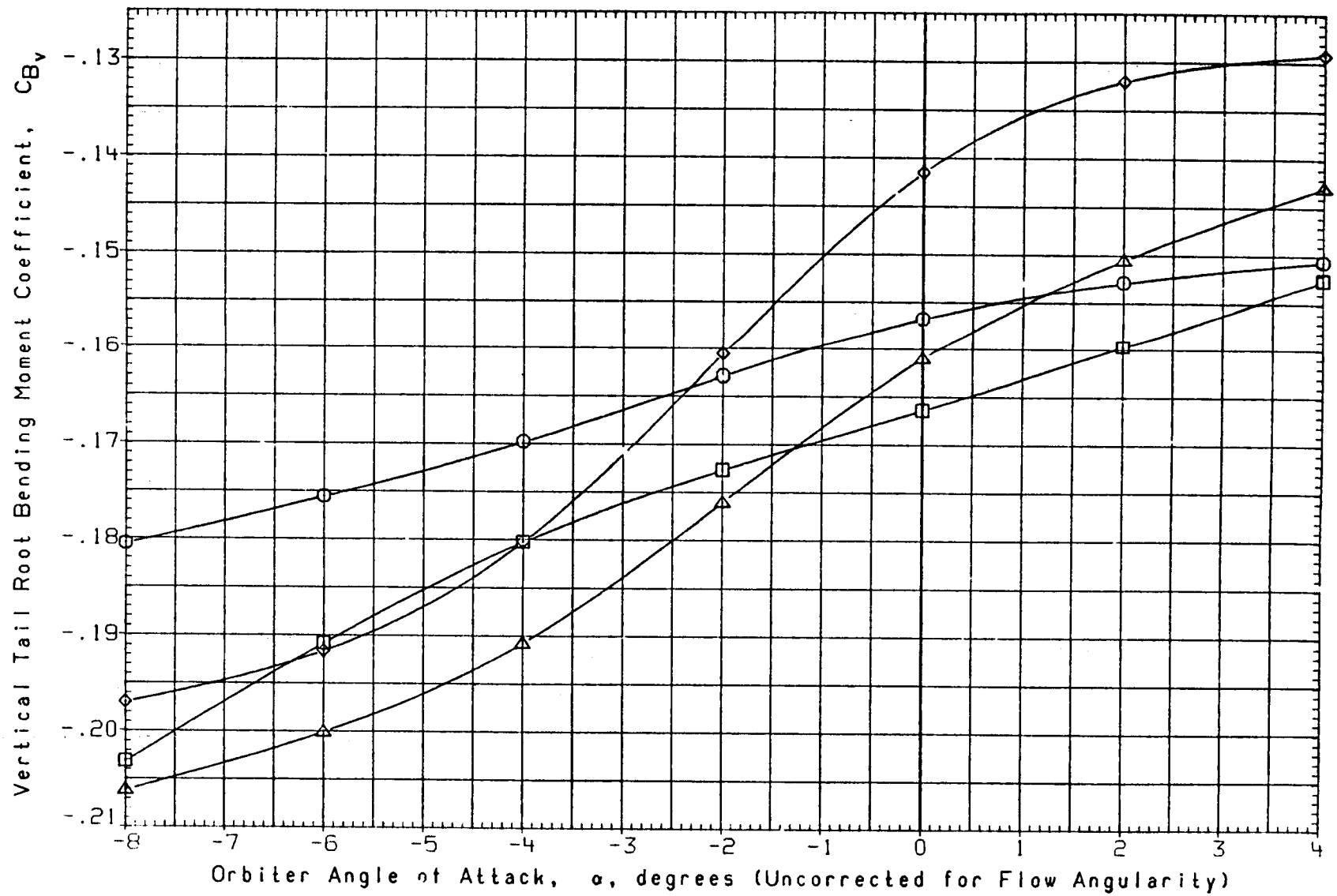


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA193,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

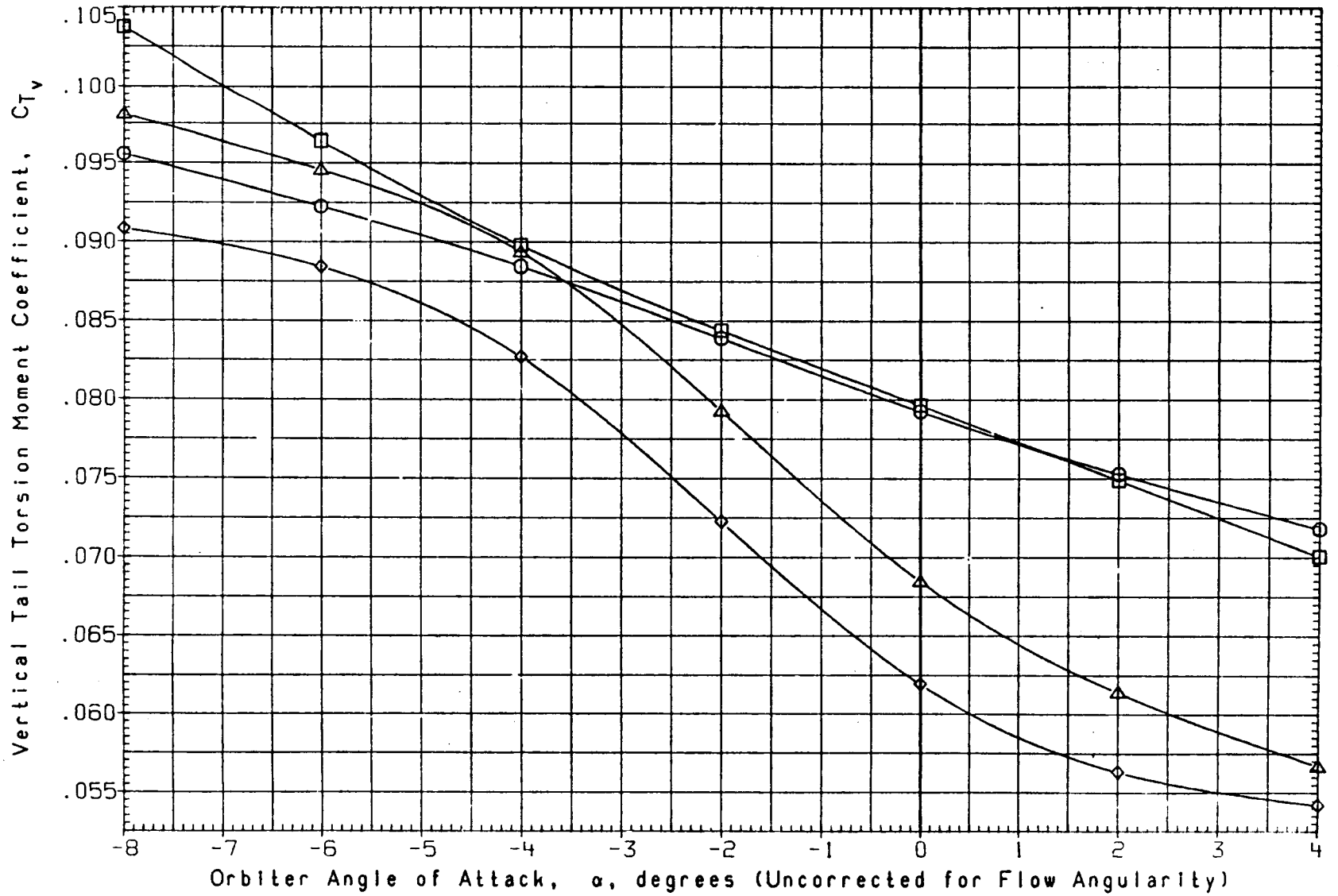


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

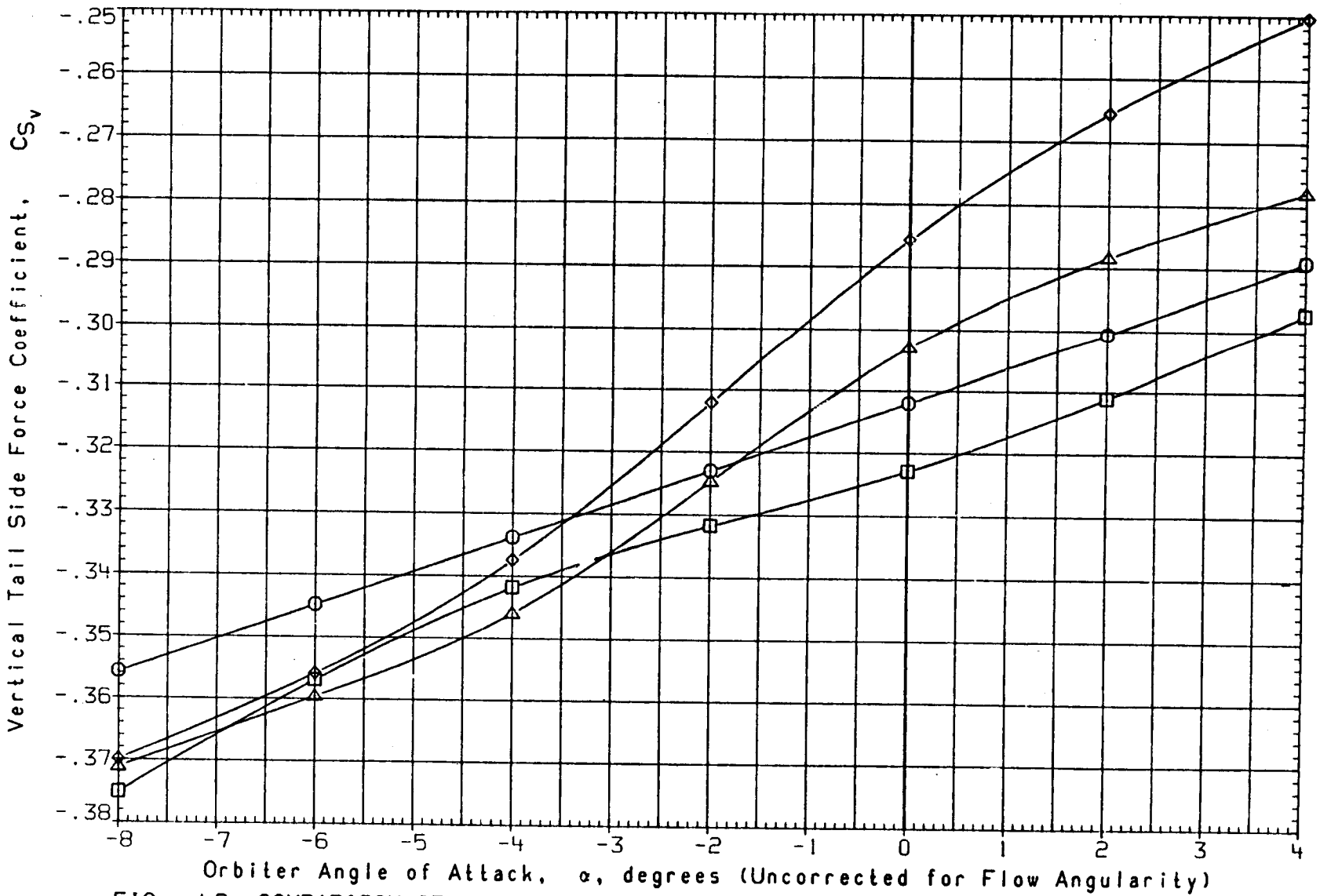


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
C8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

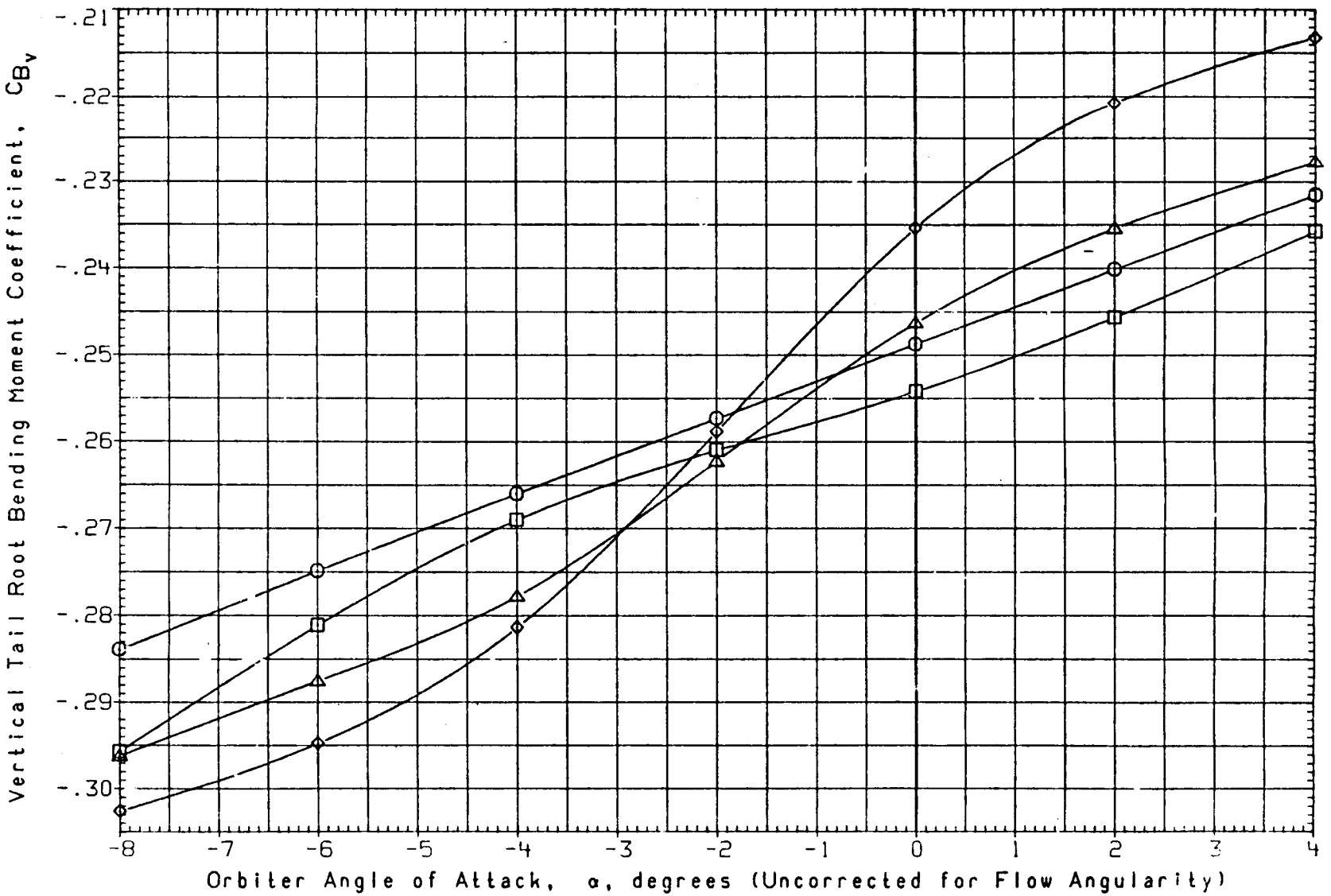


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV04	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.100	10.000	5.000
O8PV17	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.100	10.000	5.000
U8MV40	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.100	10.000	5.000
U8NV47	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.100	10.000	5.000

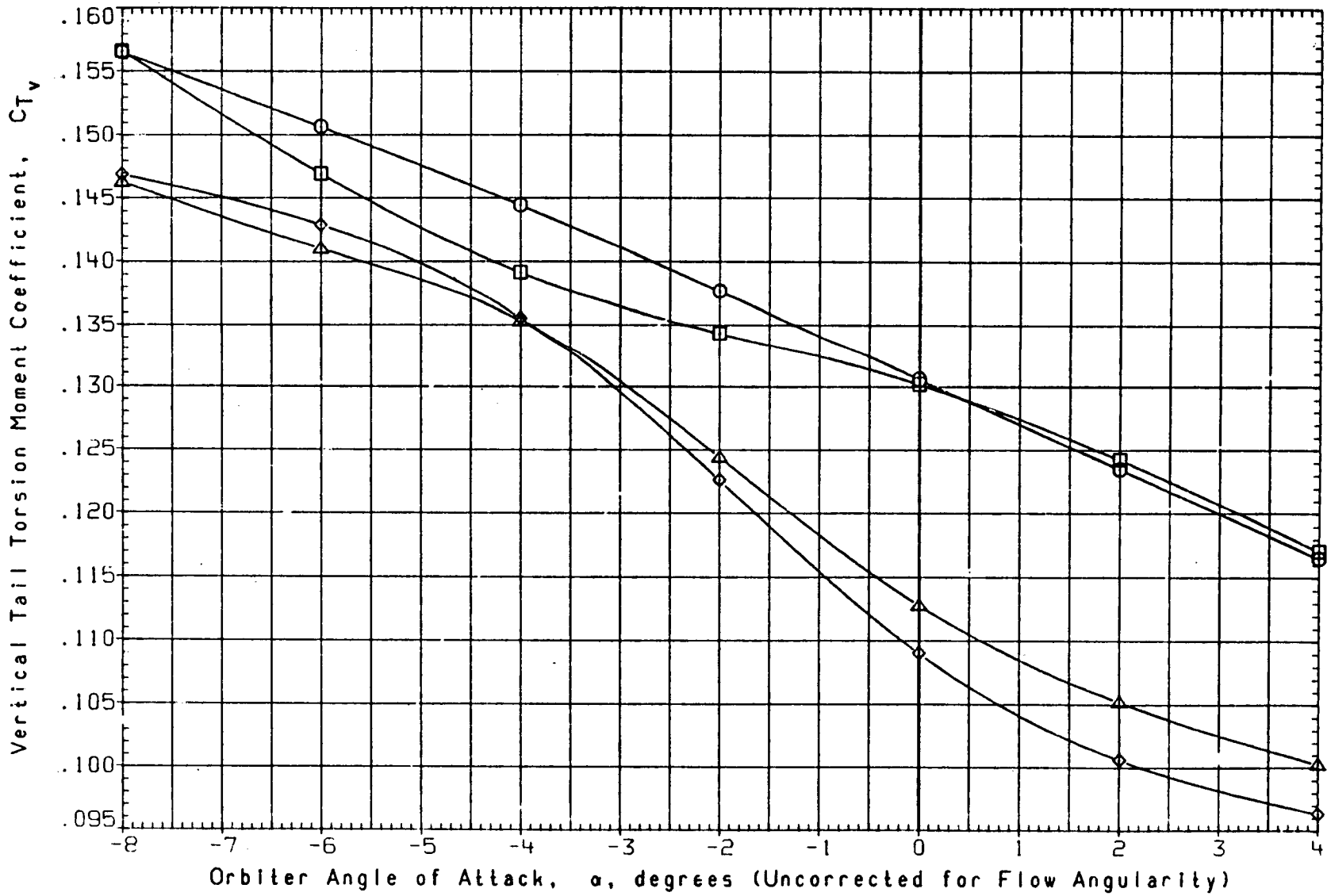


FIG. 42 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.10, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

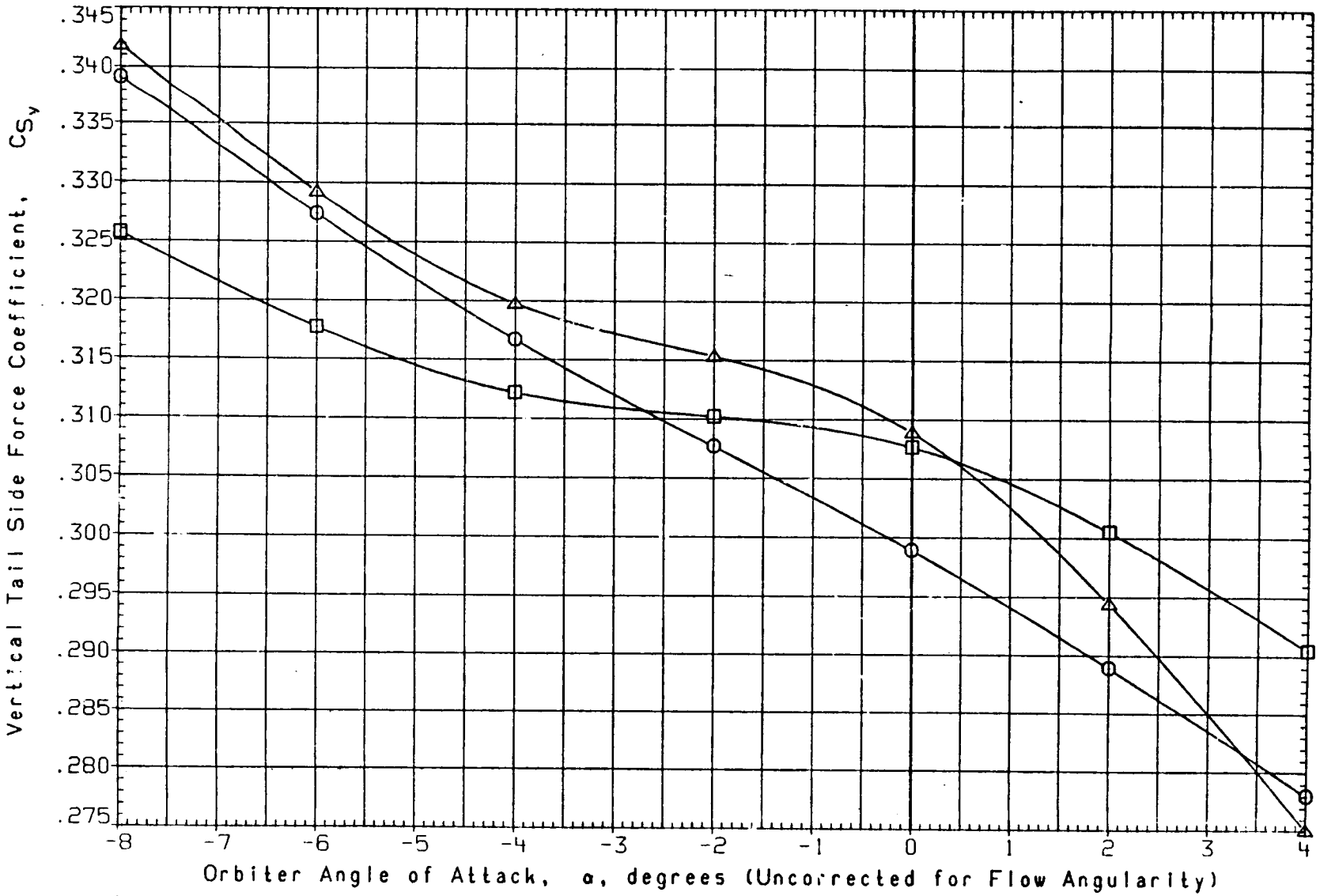


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PV18	□	IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A.OTS.ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

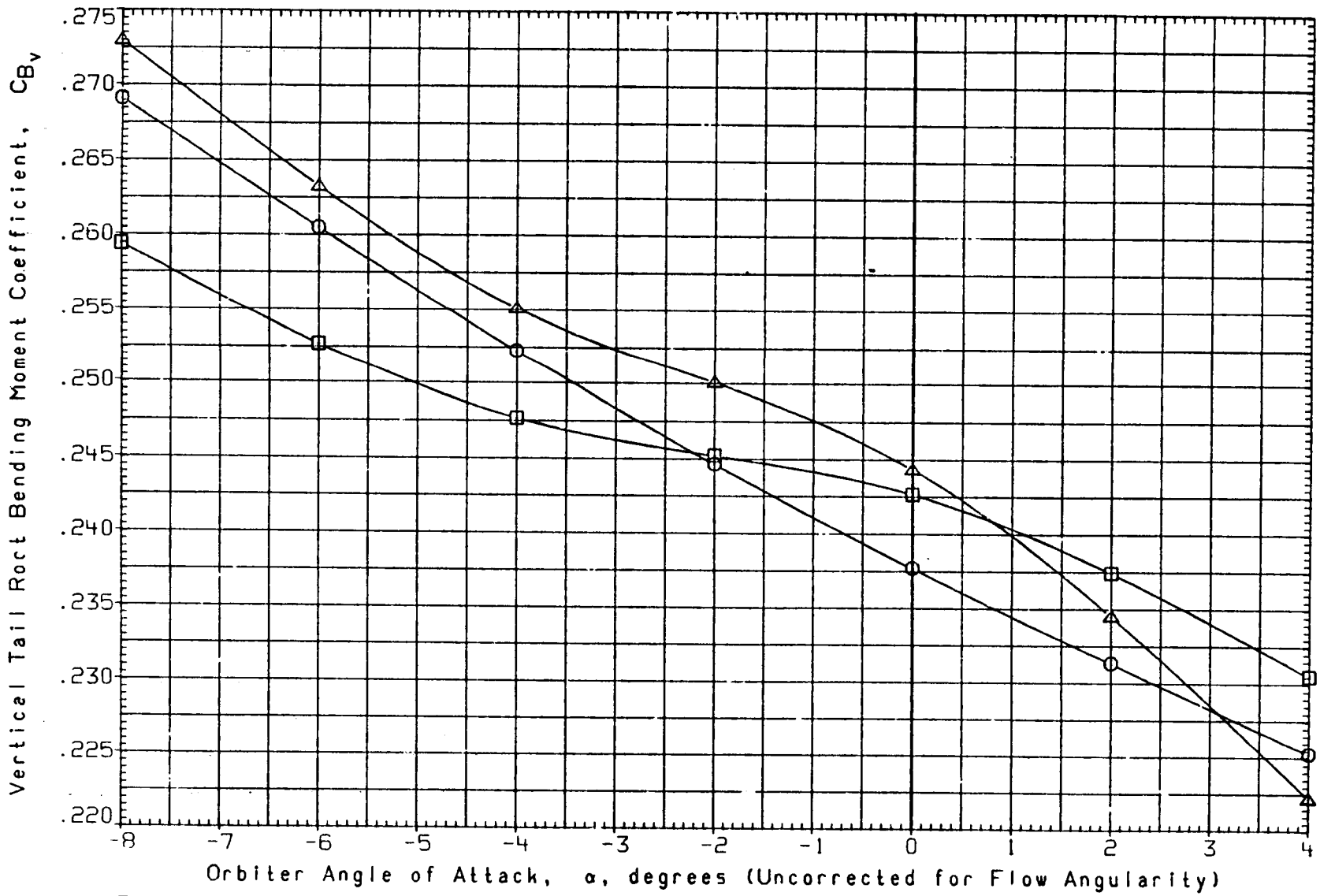


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OVC5	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
U8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

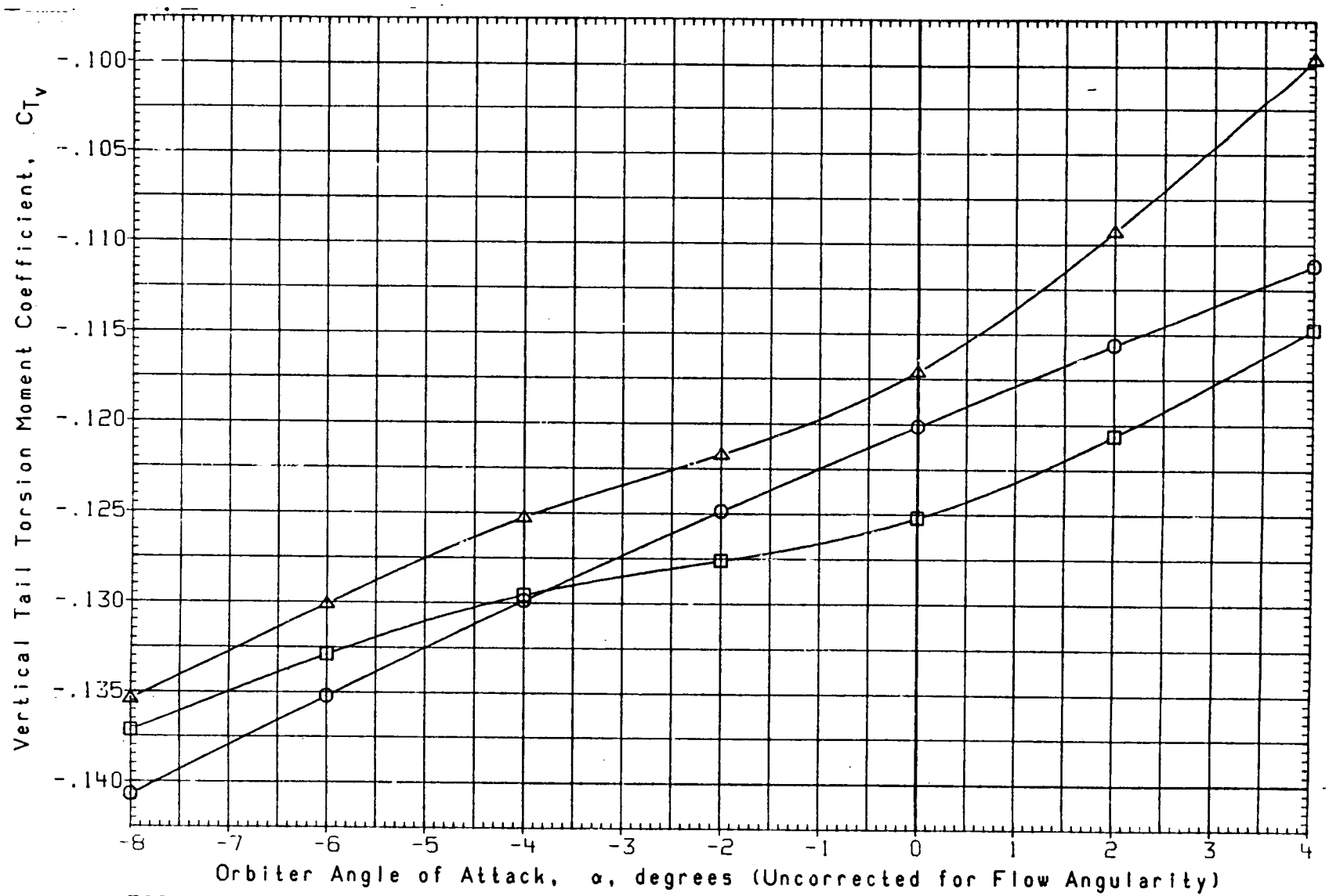


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

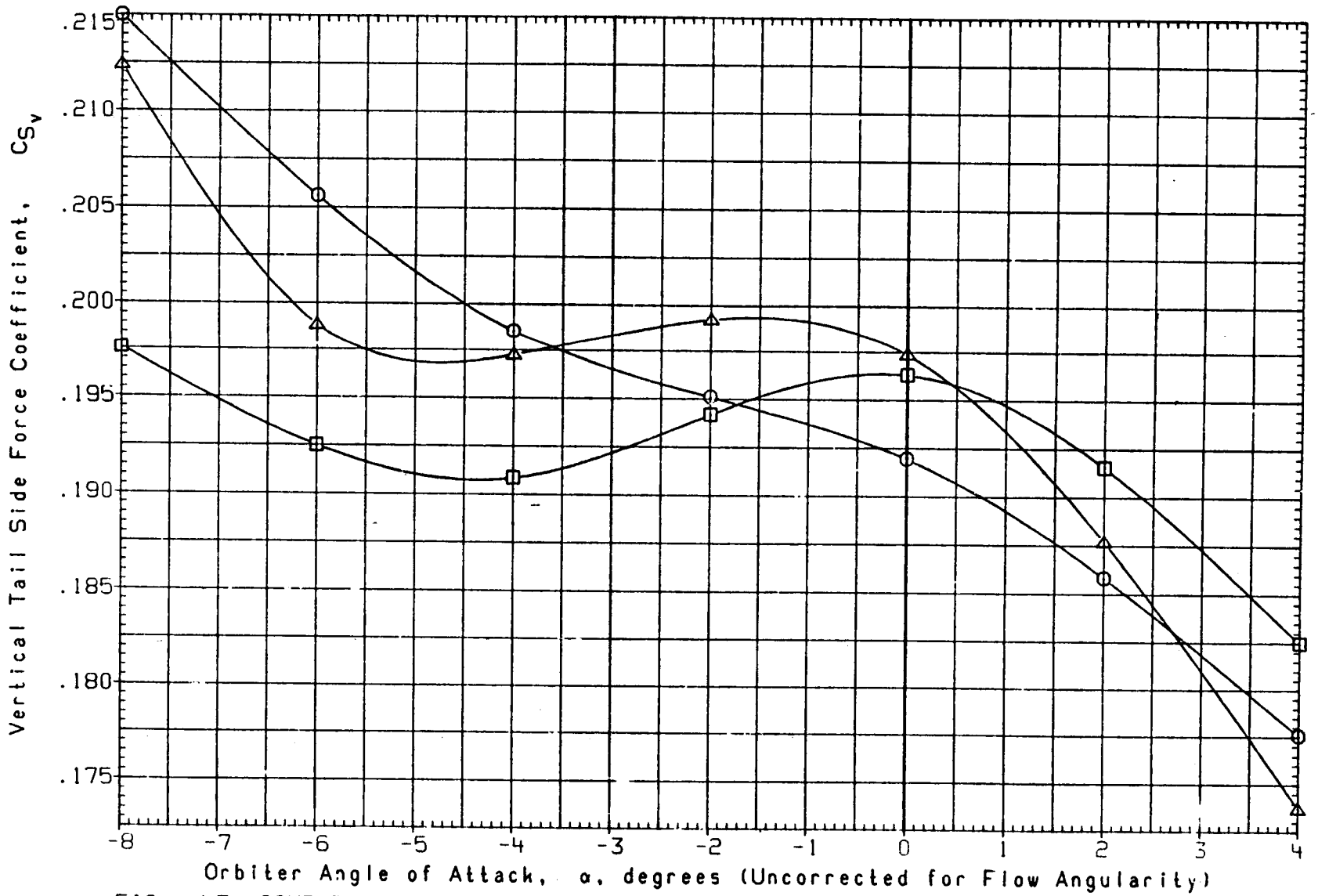


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

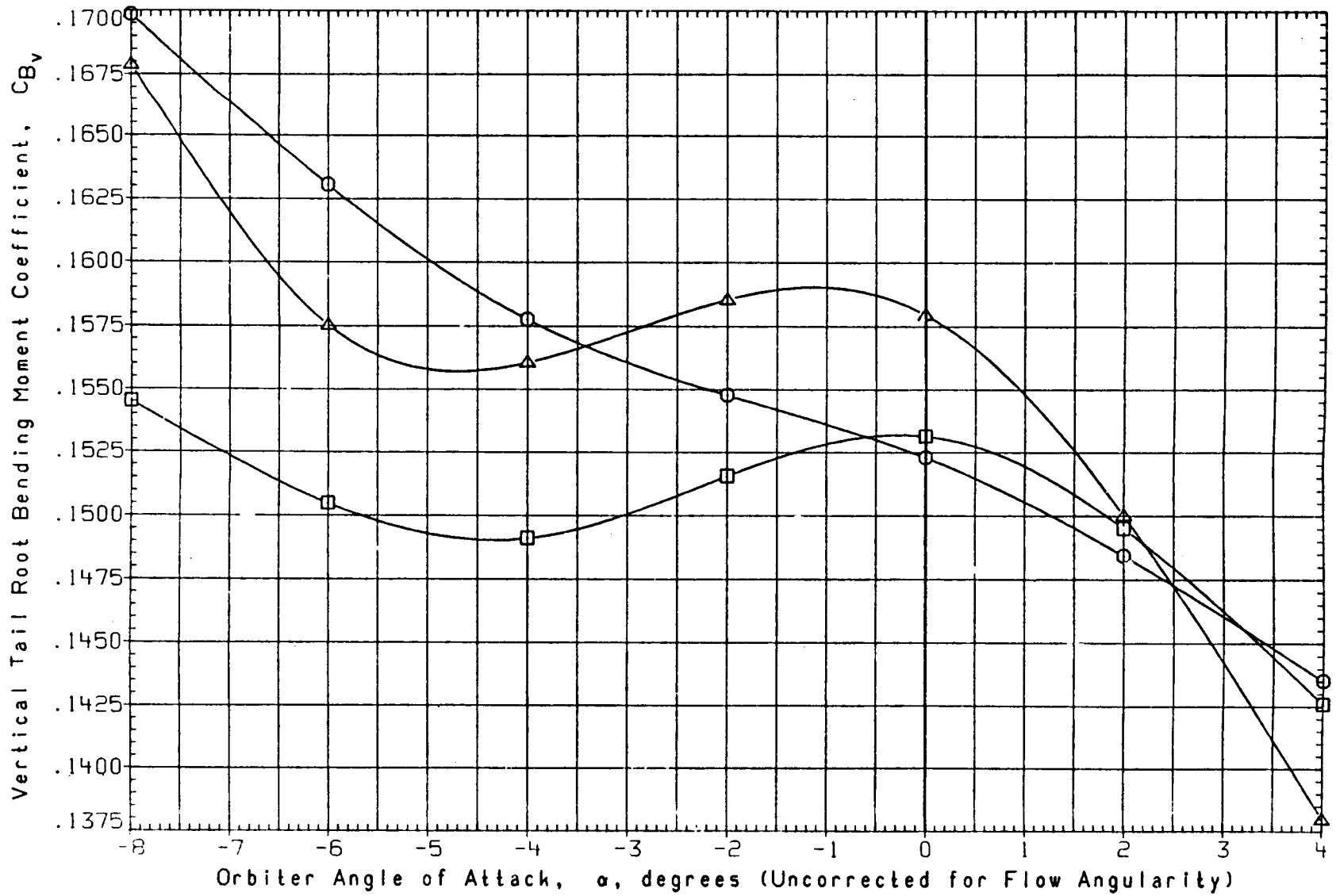


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

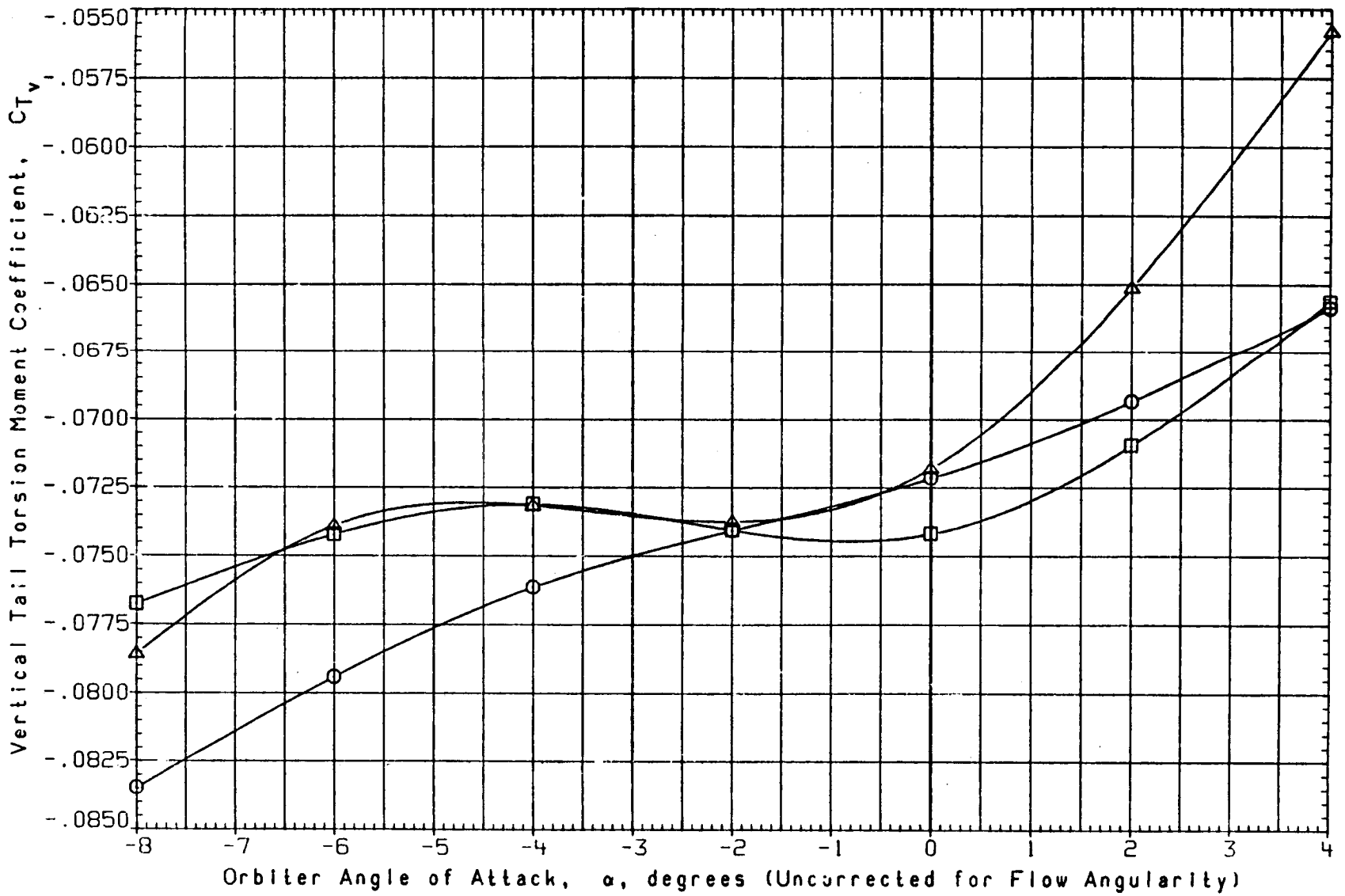


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

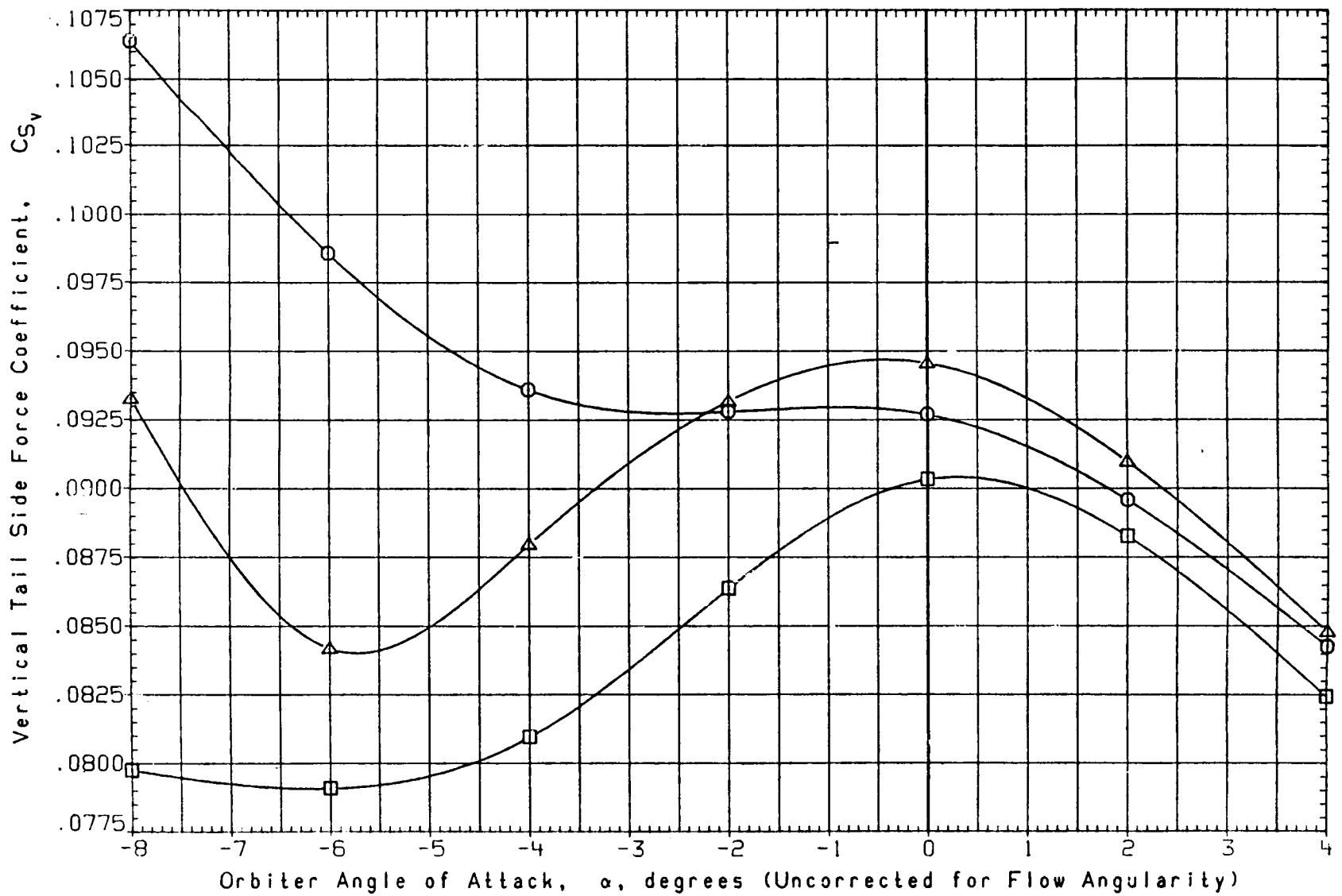


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

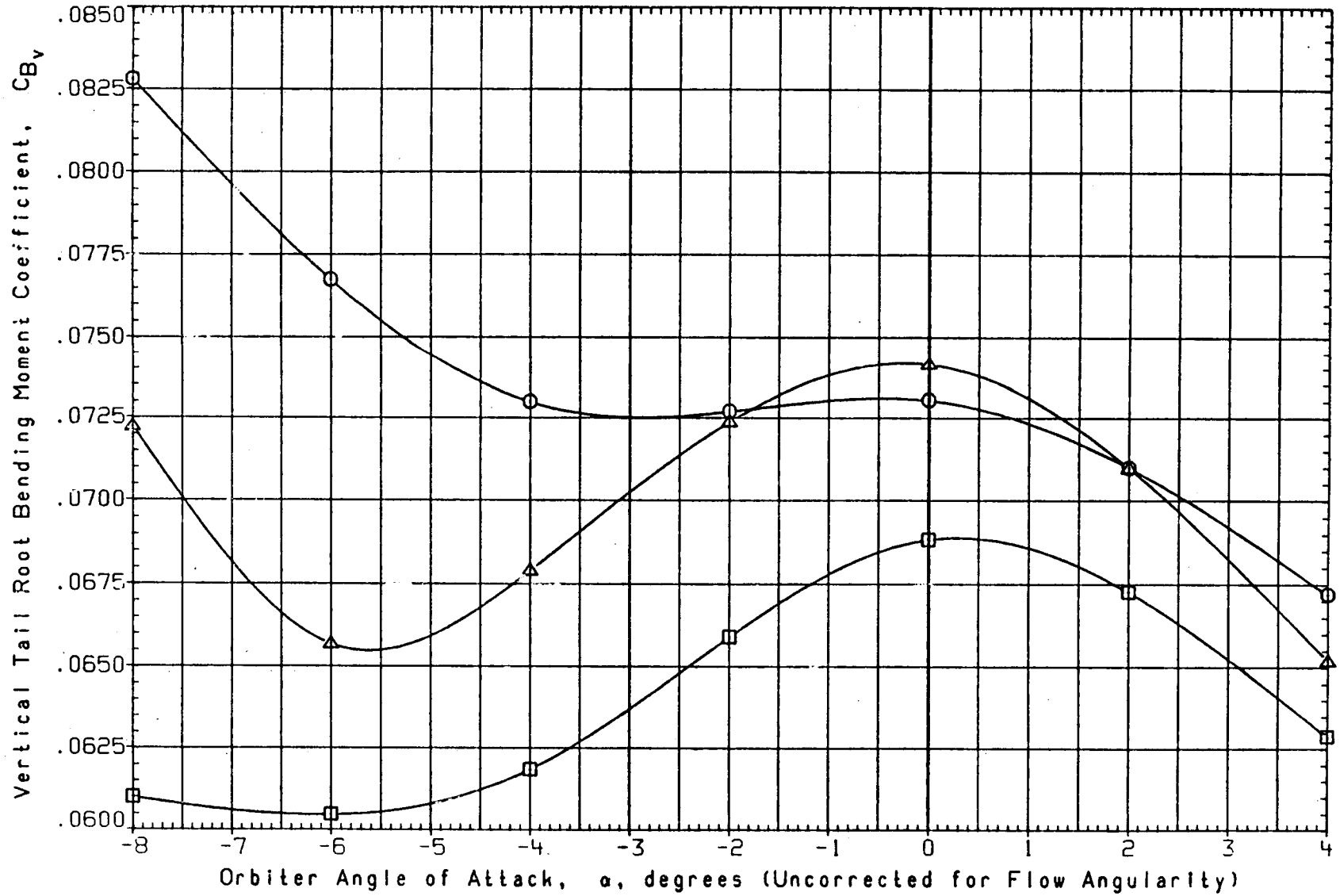


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	DATA NOT AVAILABLE	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

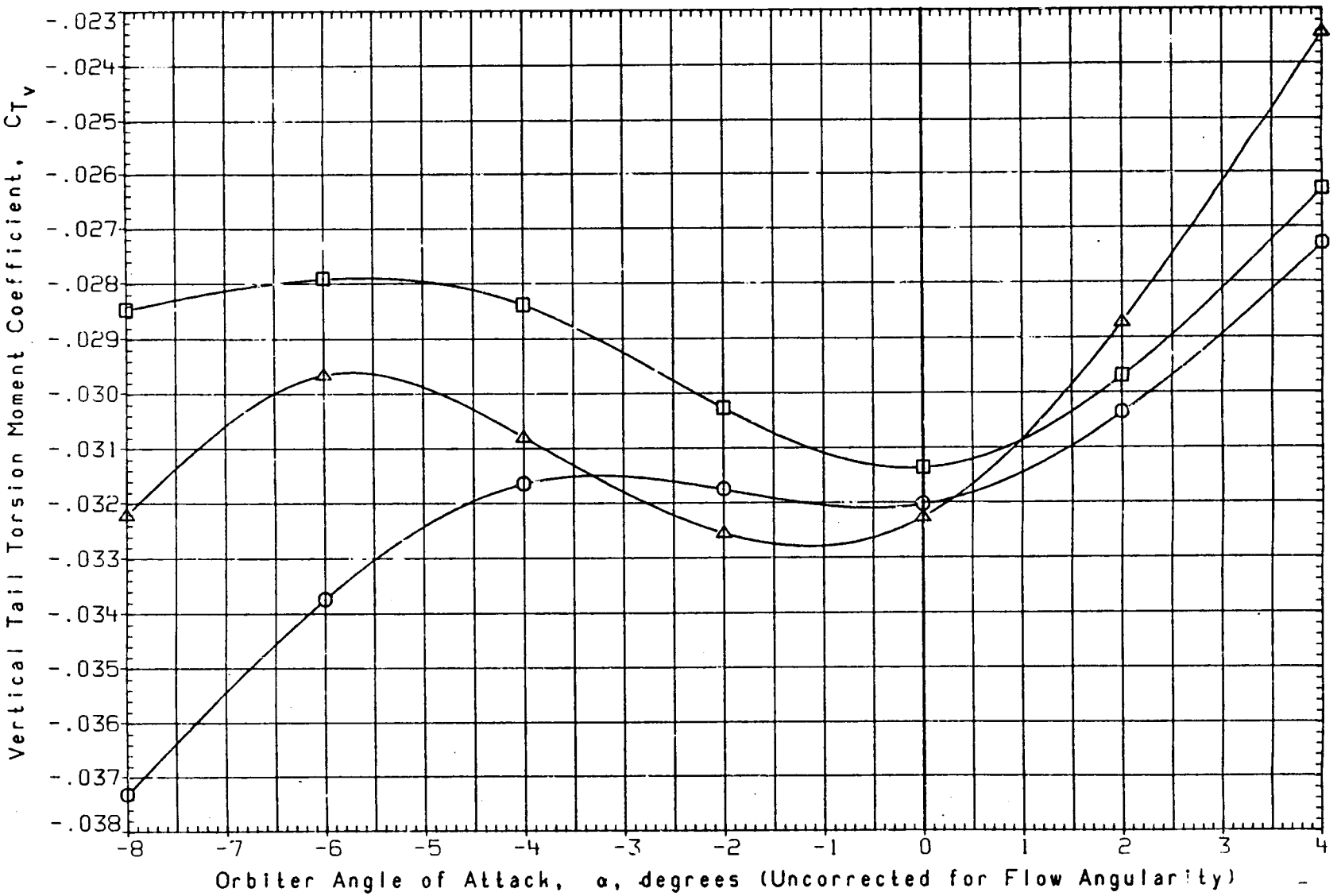


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

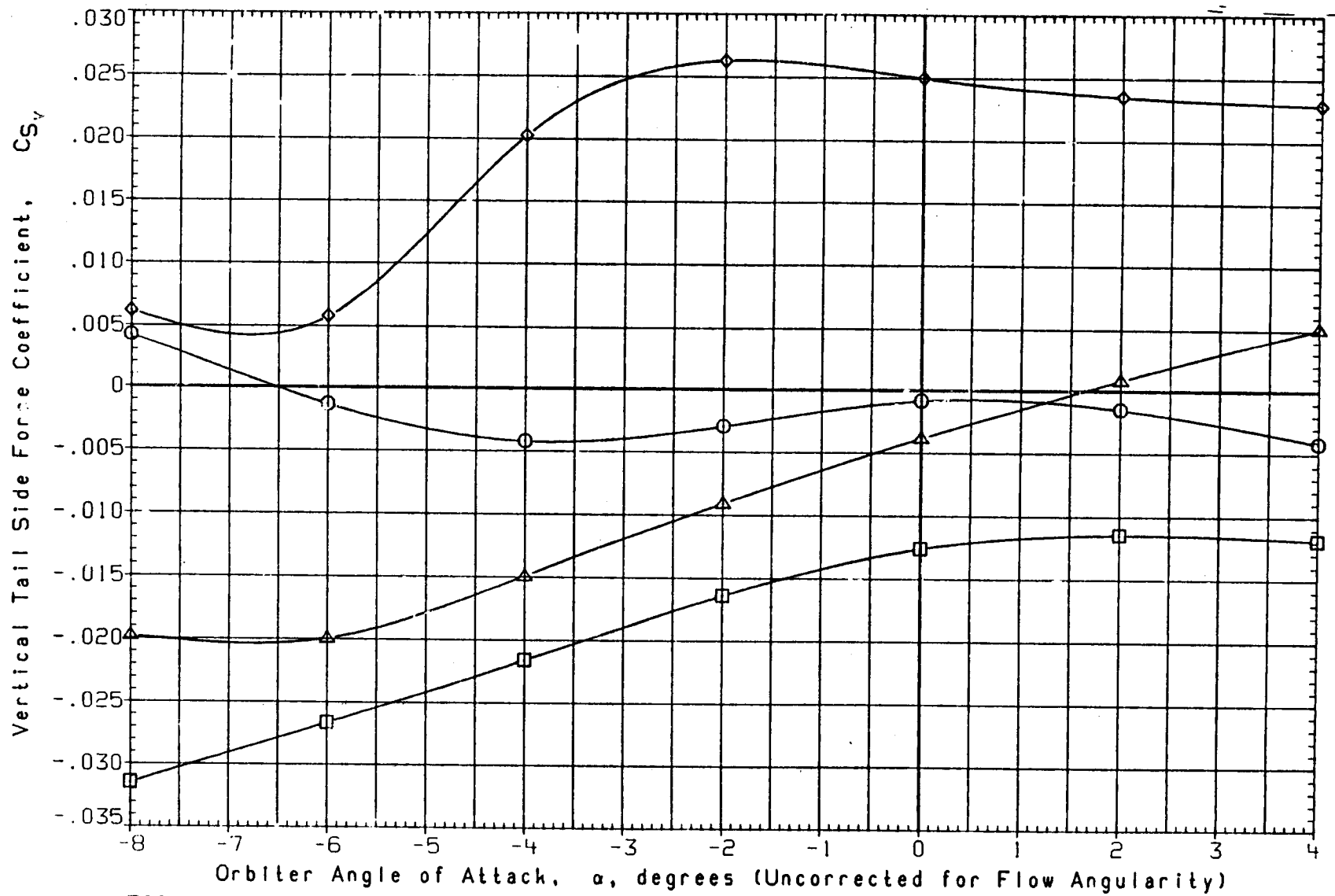


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES - MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

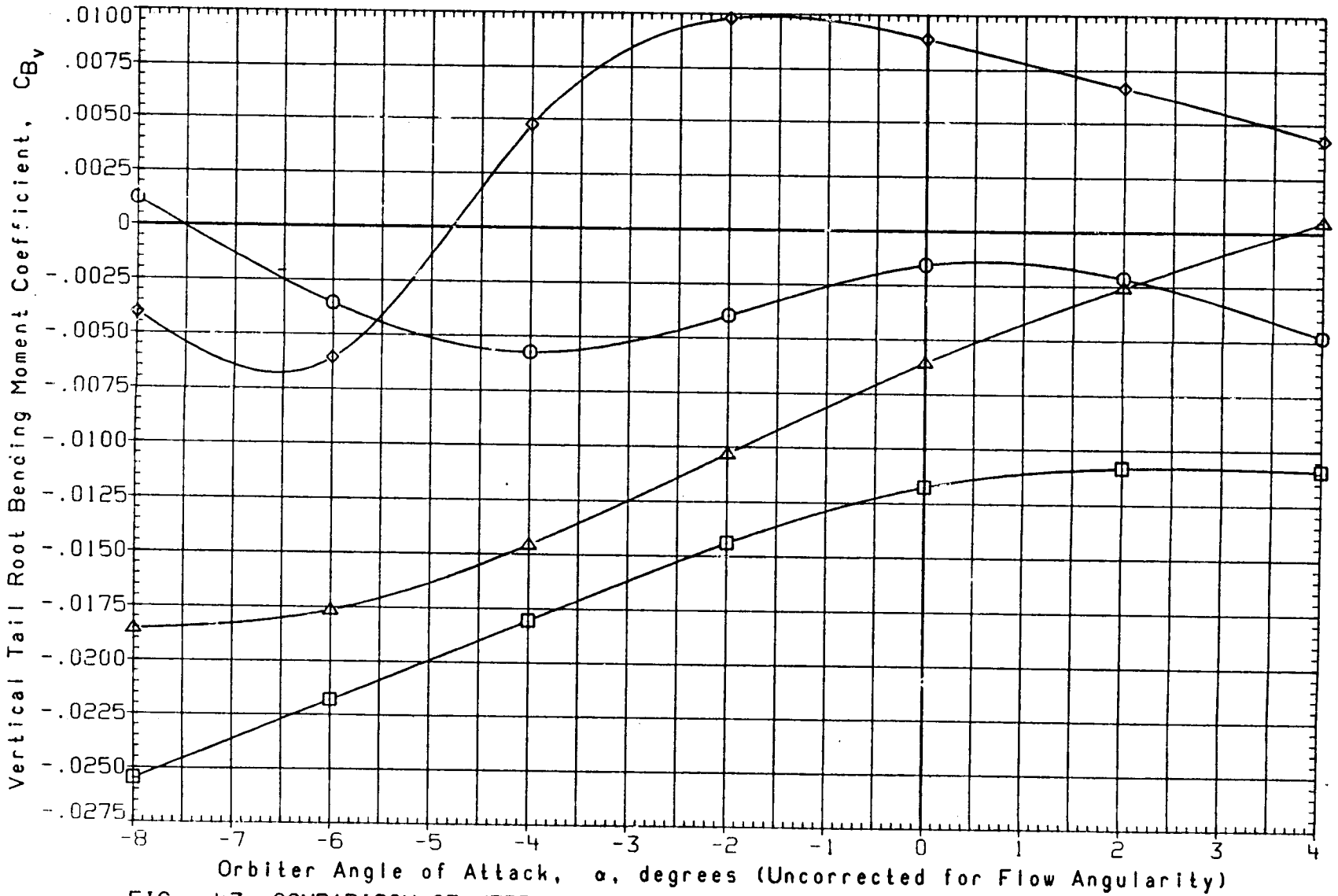


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

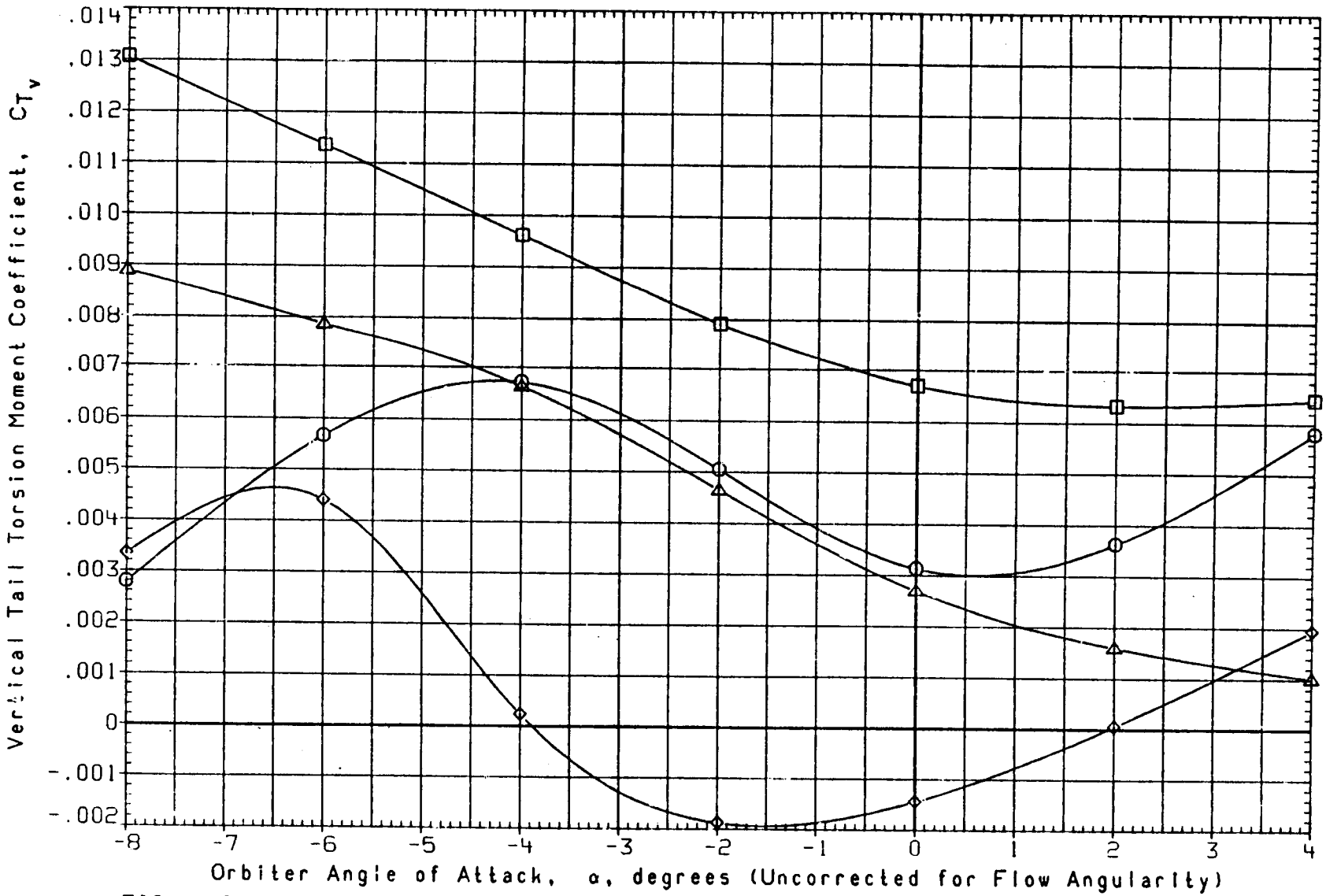


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
C8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

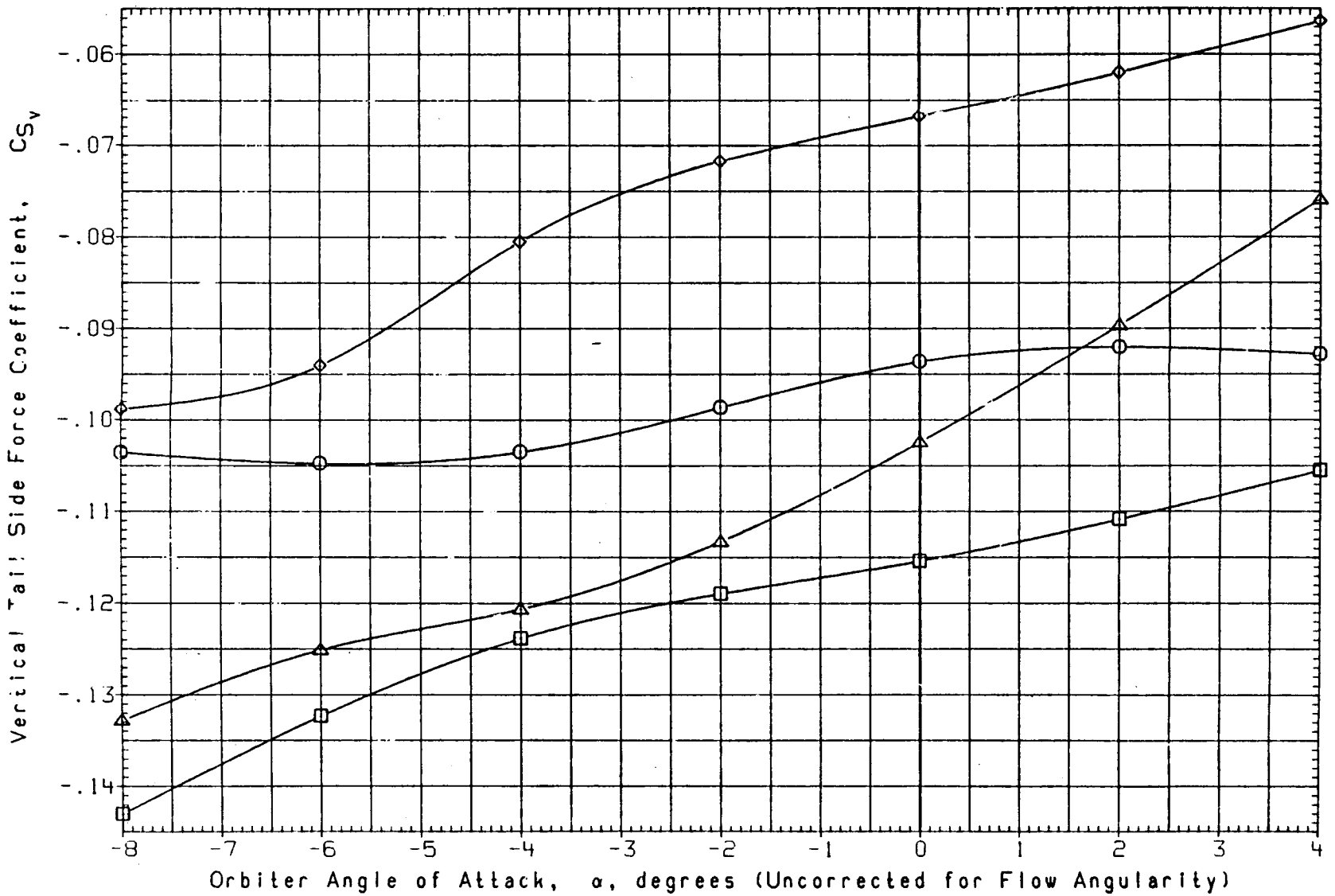


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
08PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

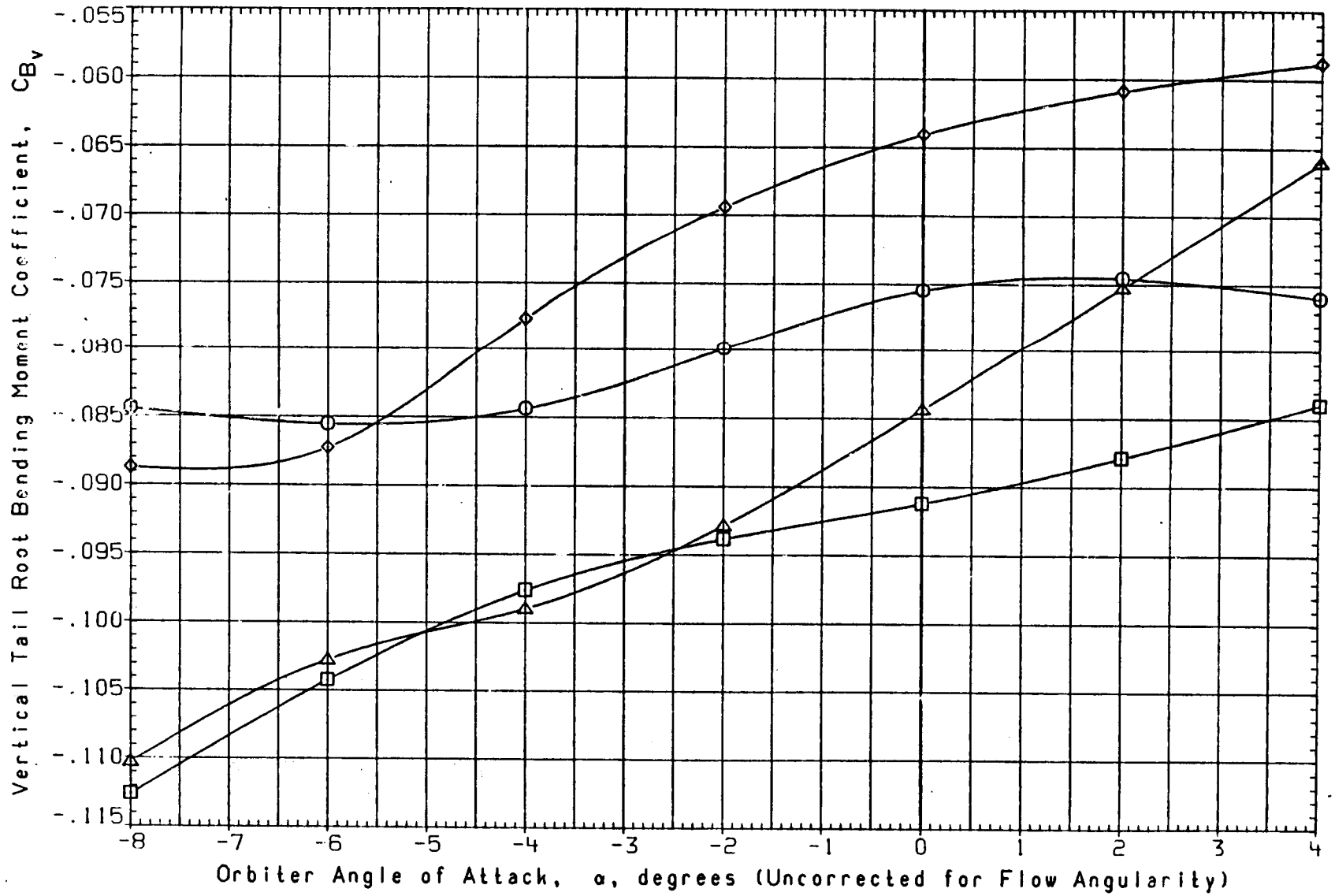


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

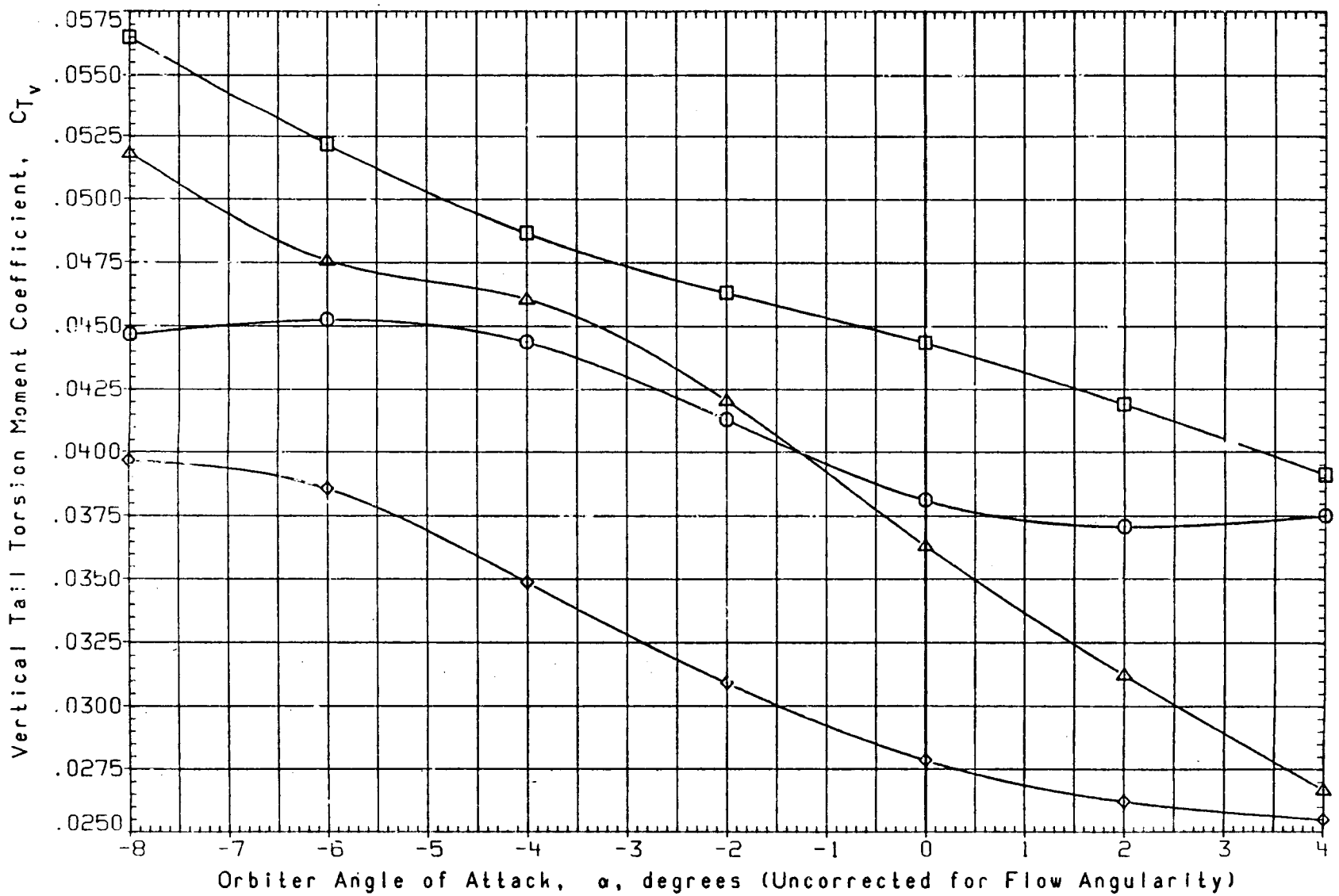


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

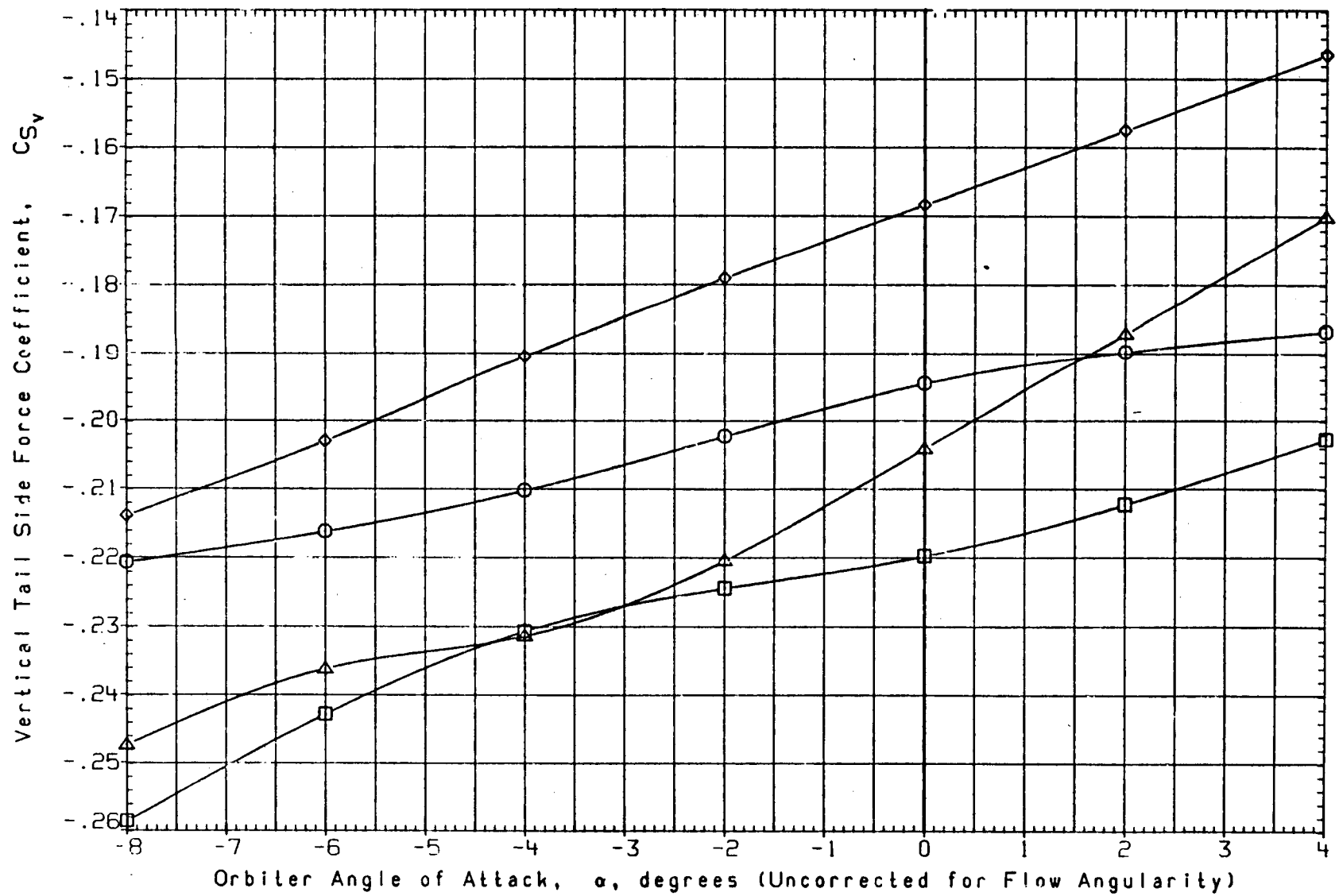


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

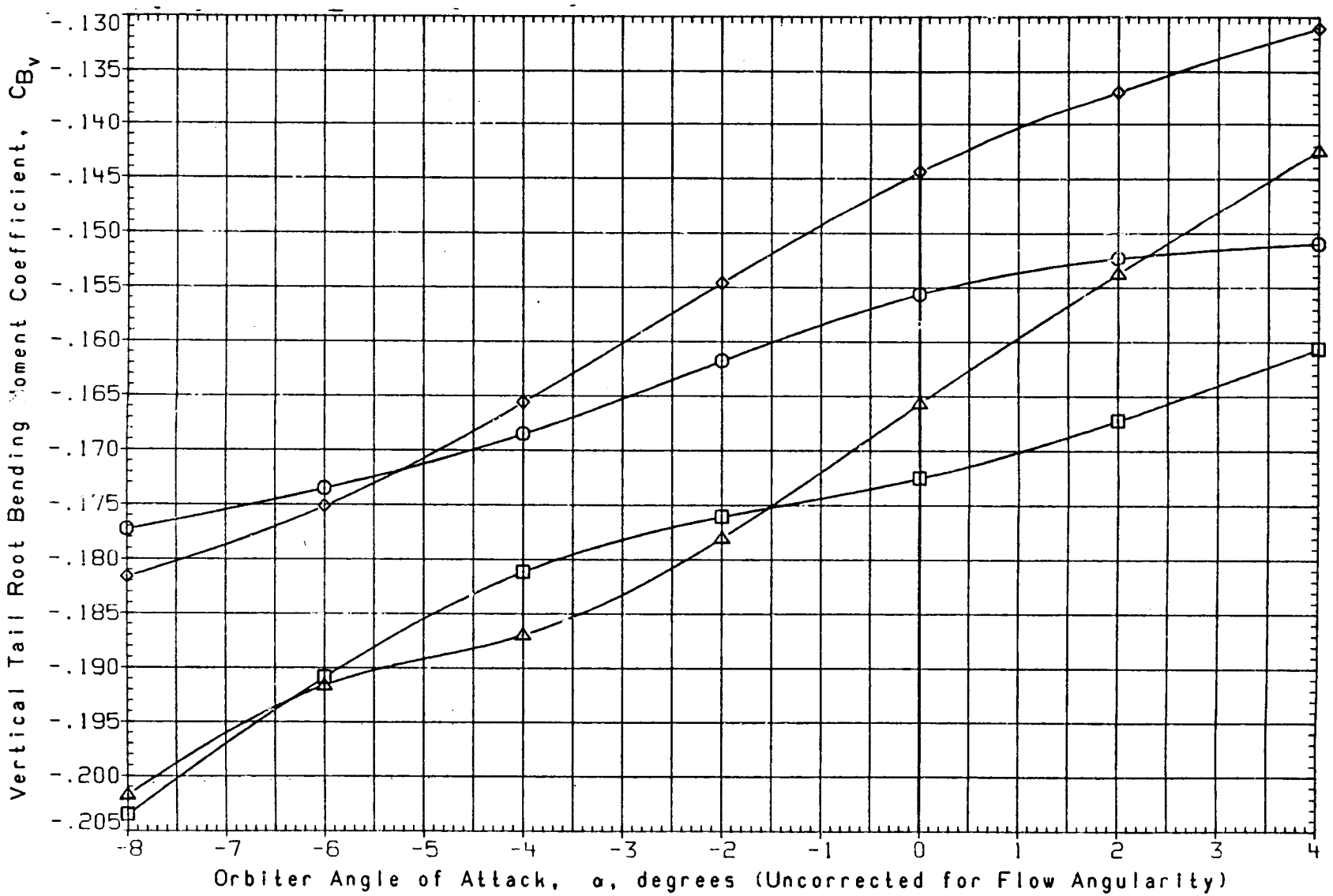


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

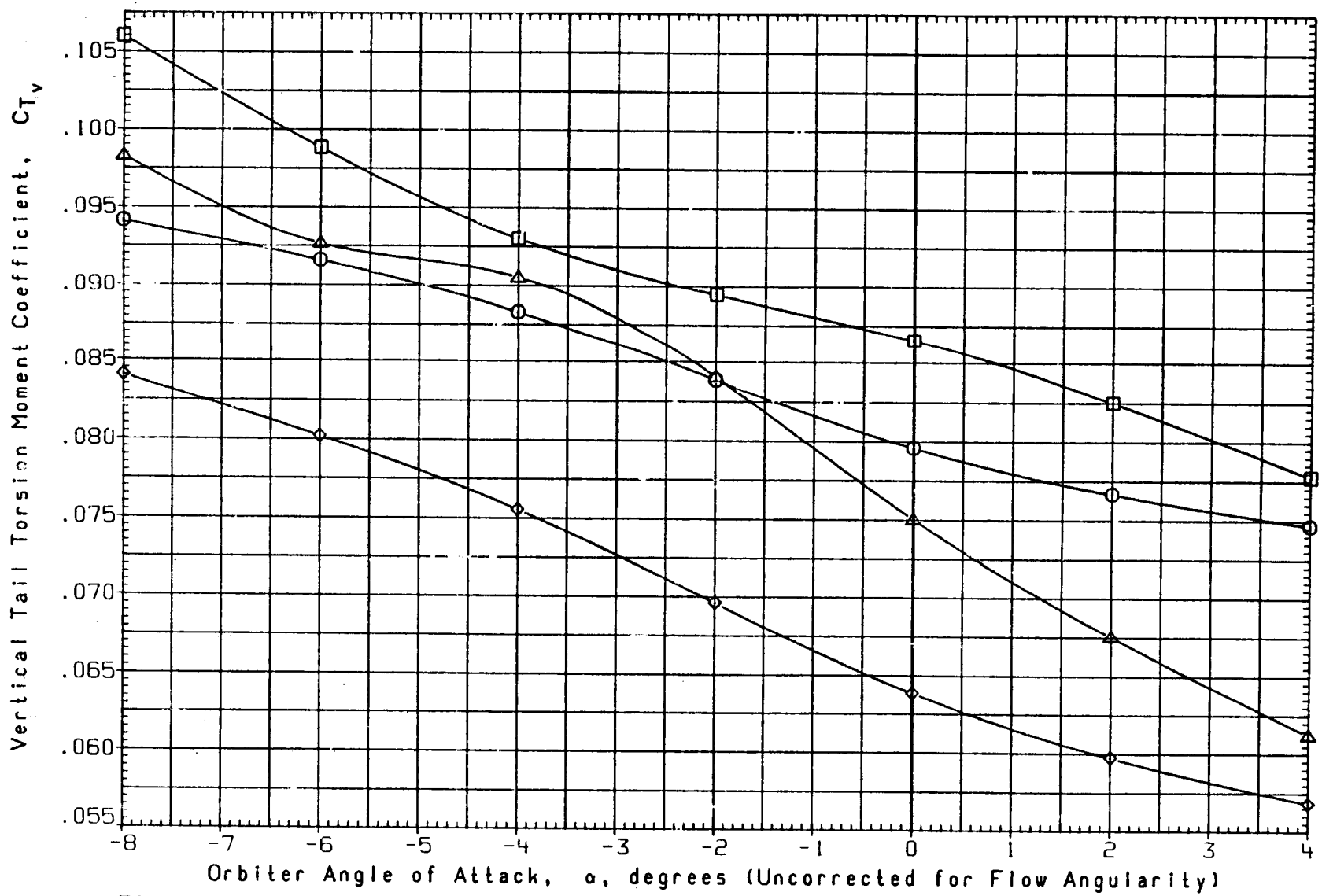


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

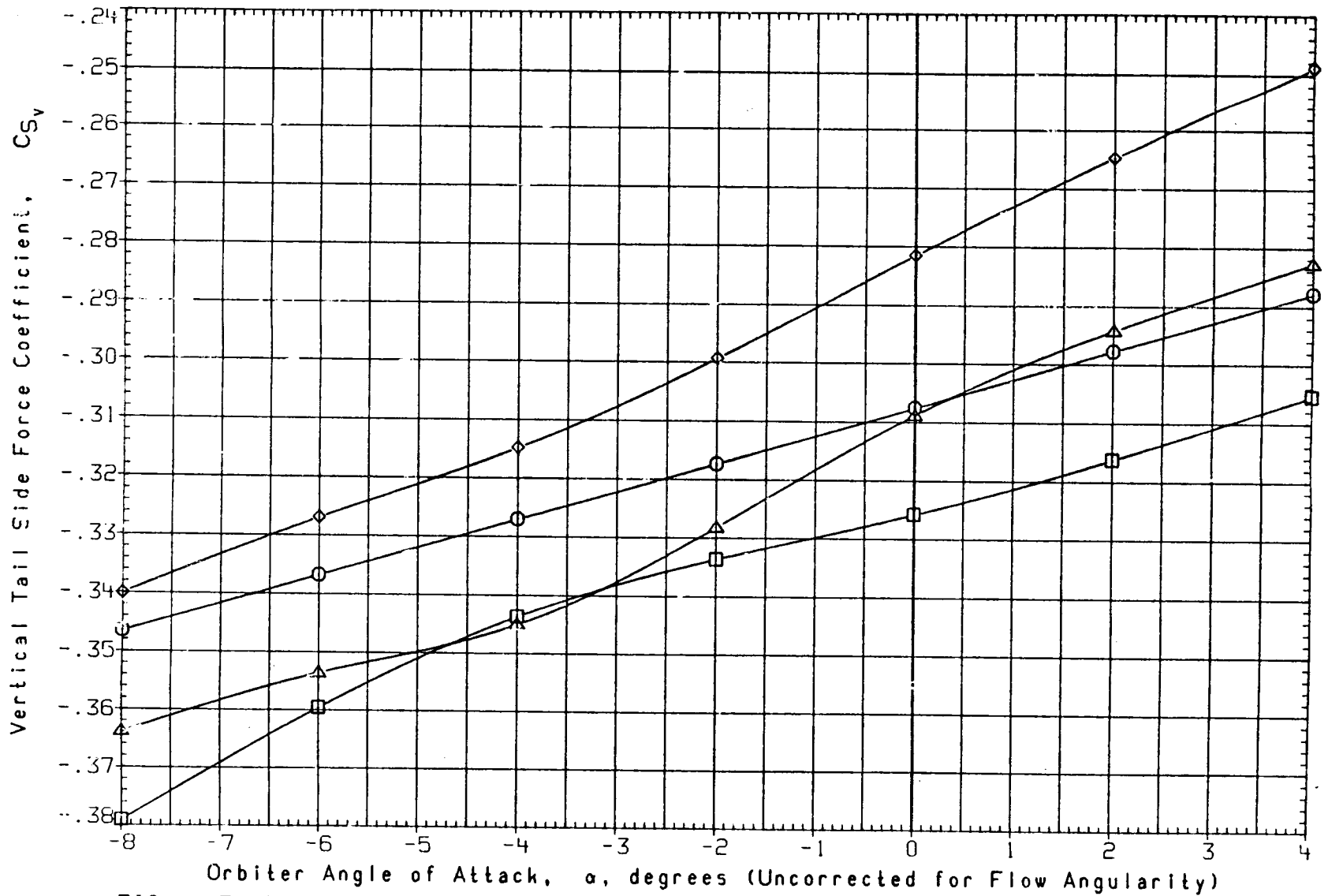


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV18	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

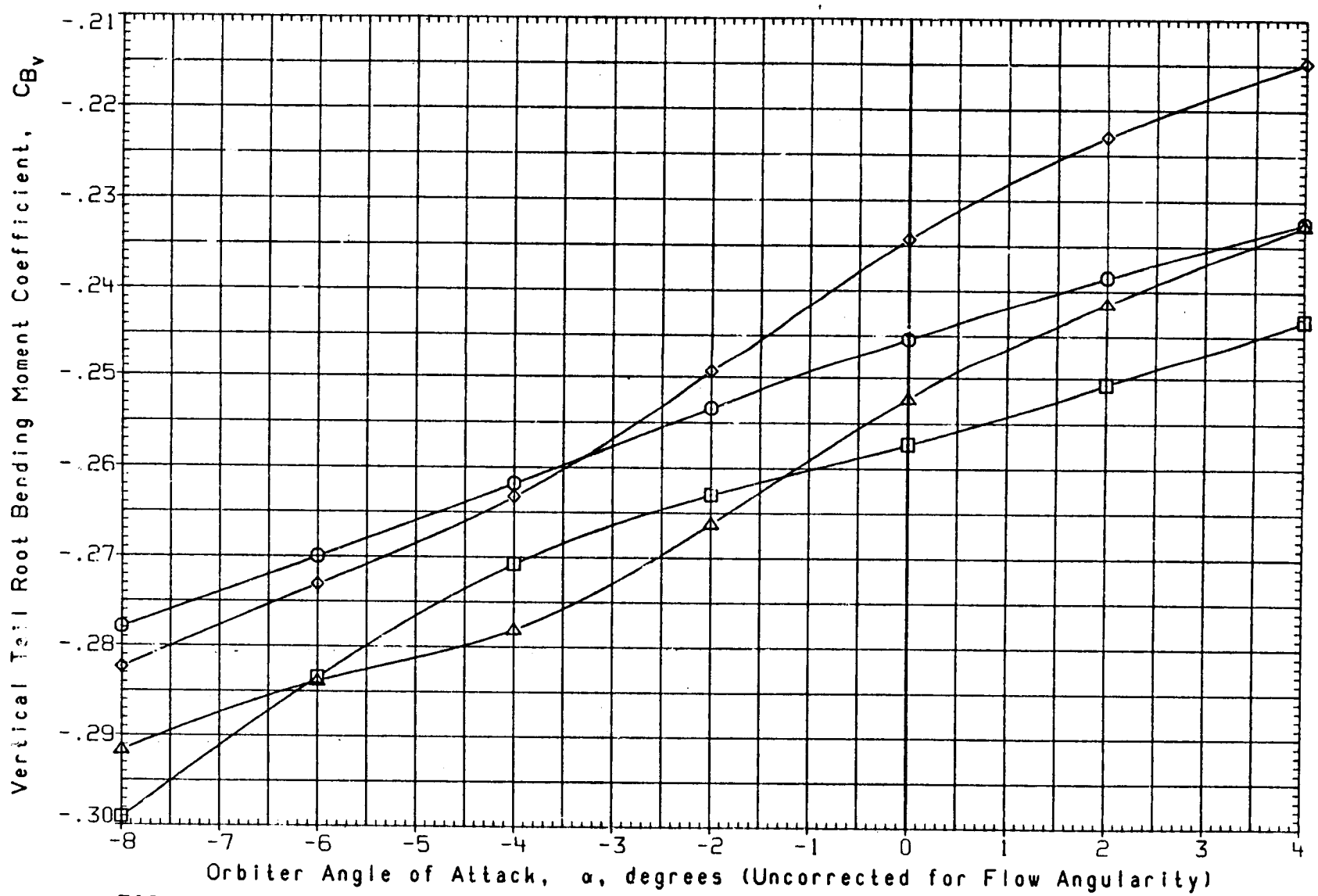


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.150	10.000	5.000
O8PV13	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.150	10.000	5.000
U8MV41	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.150	10.000	5.000
U8NV48	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.150	10.000	5.000

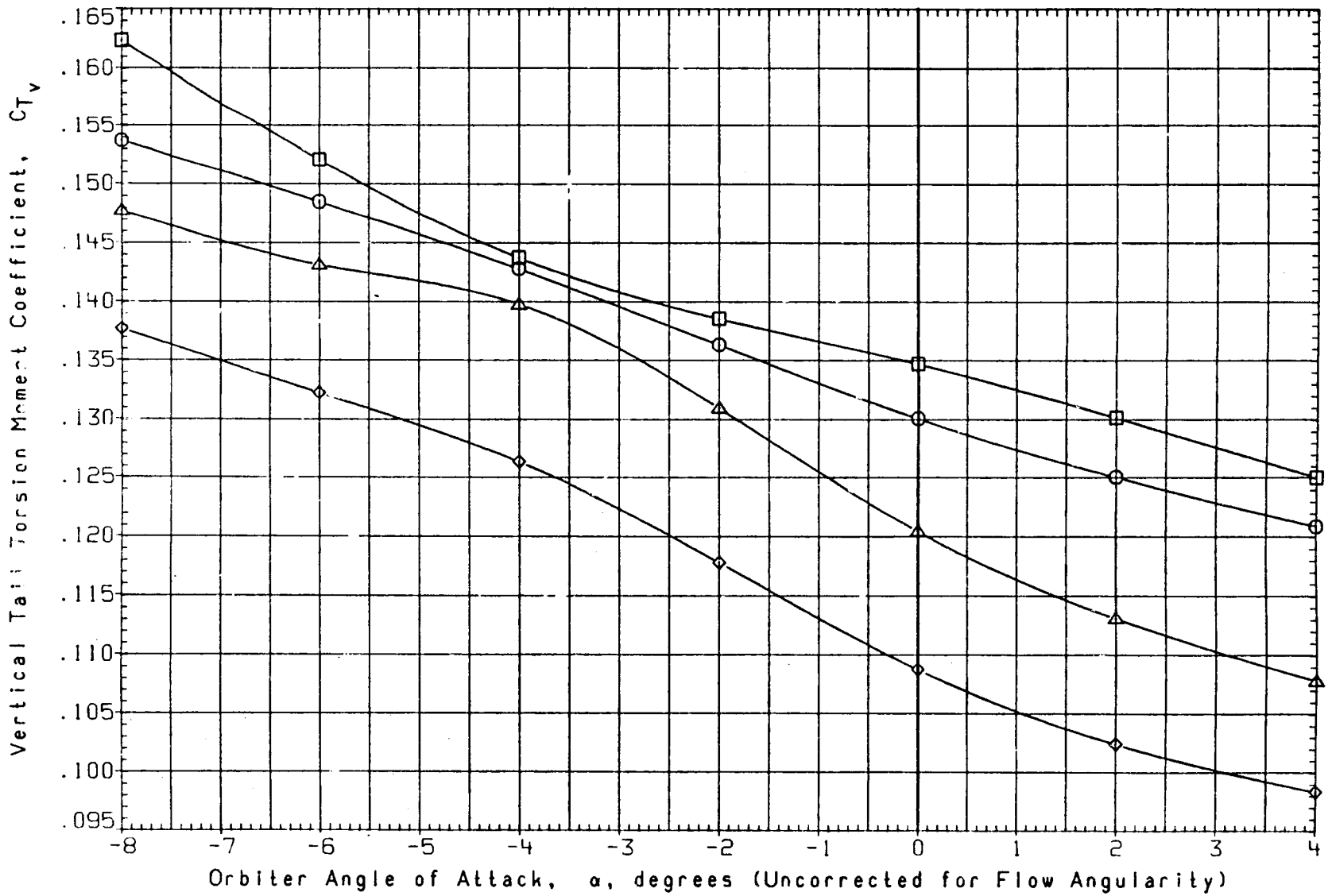


FIG. 43 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.15, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

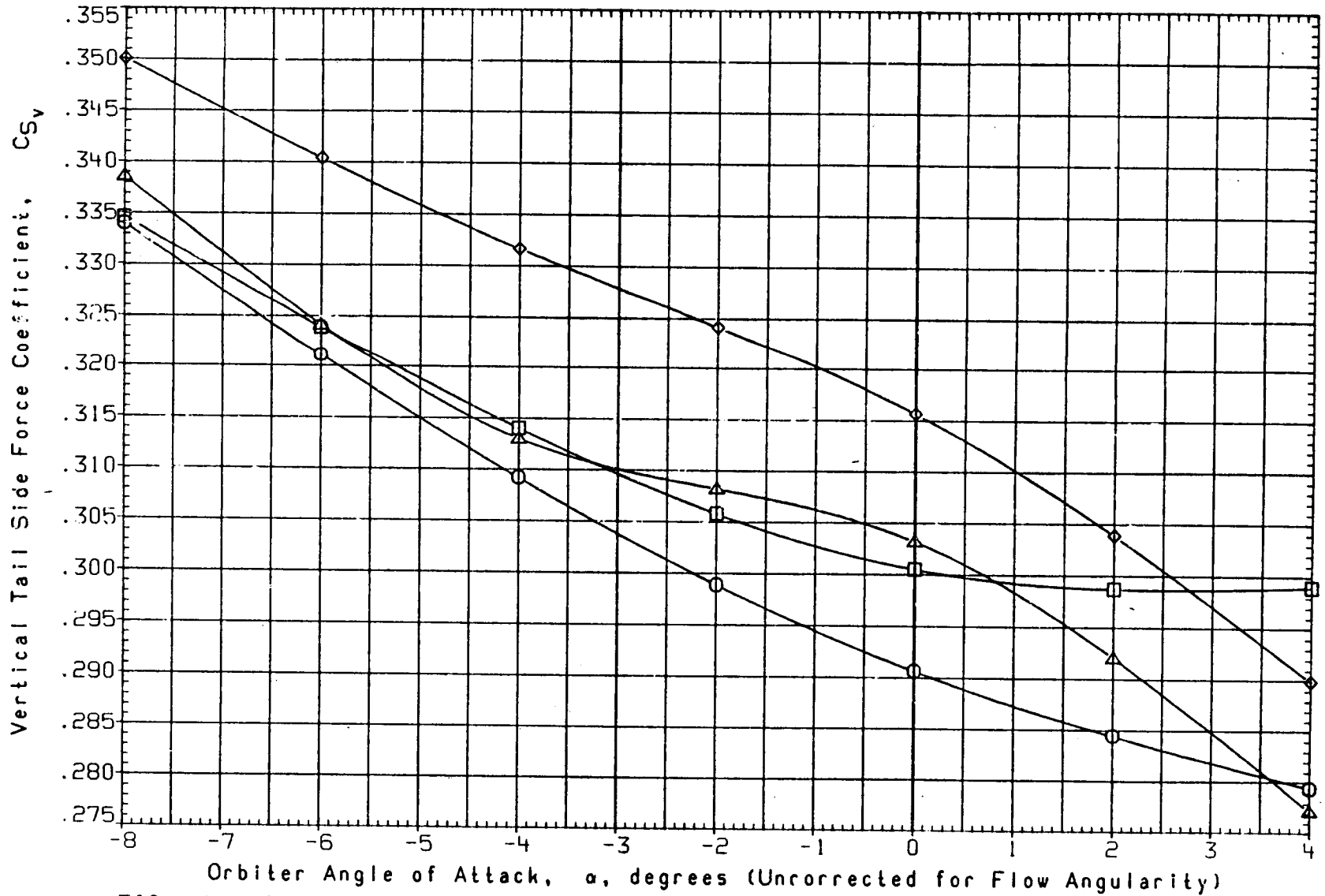


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

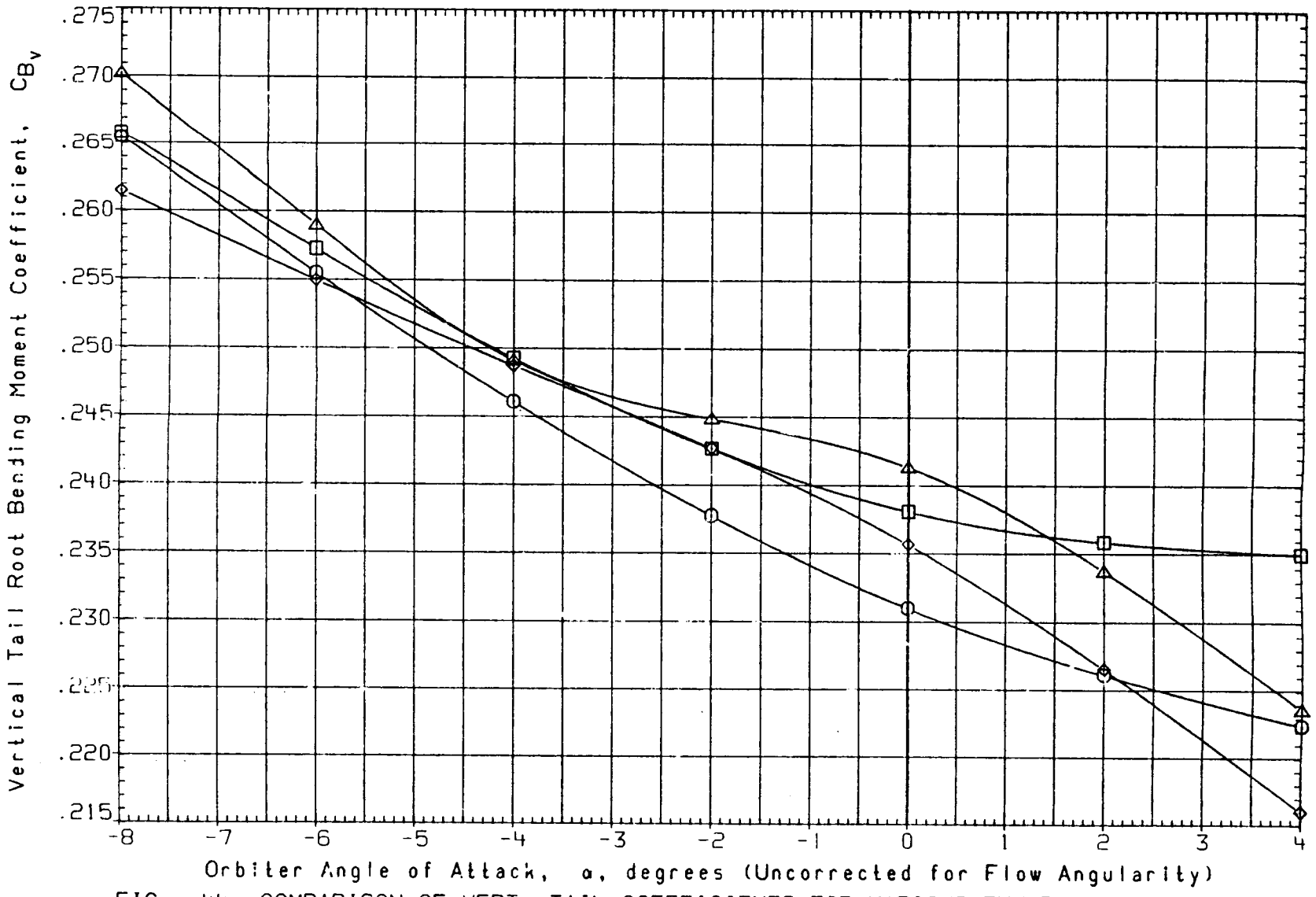


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U9NV49	△	IA156A,01S,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

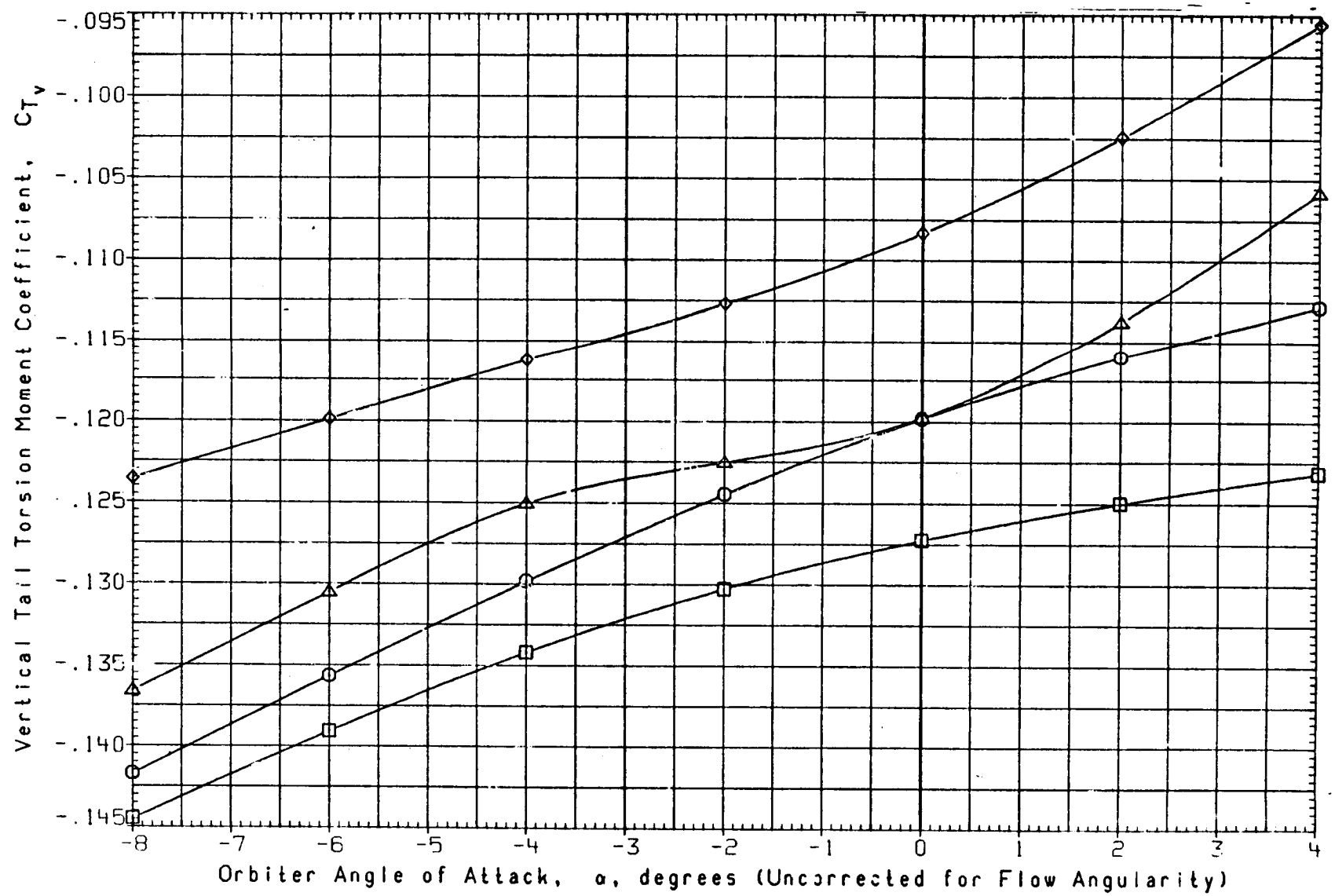


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
U8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

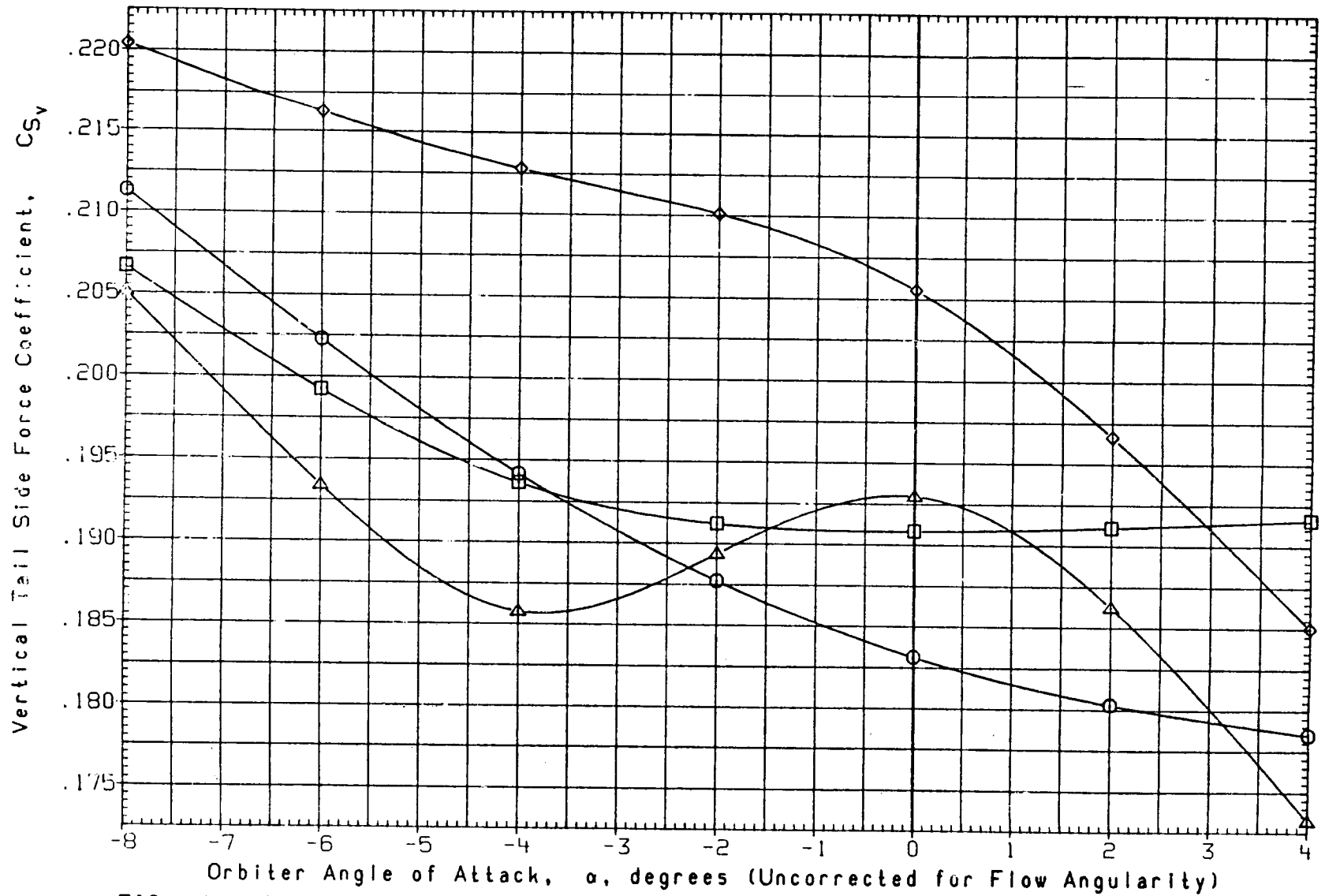


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

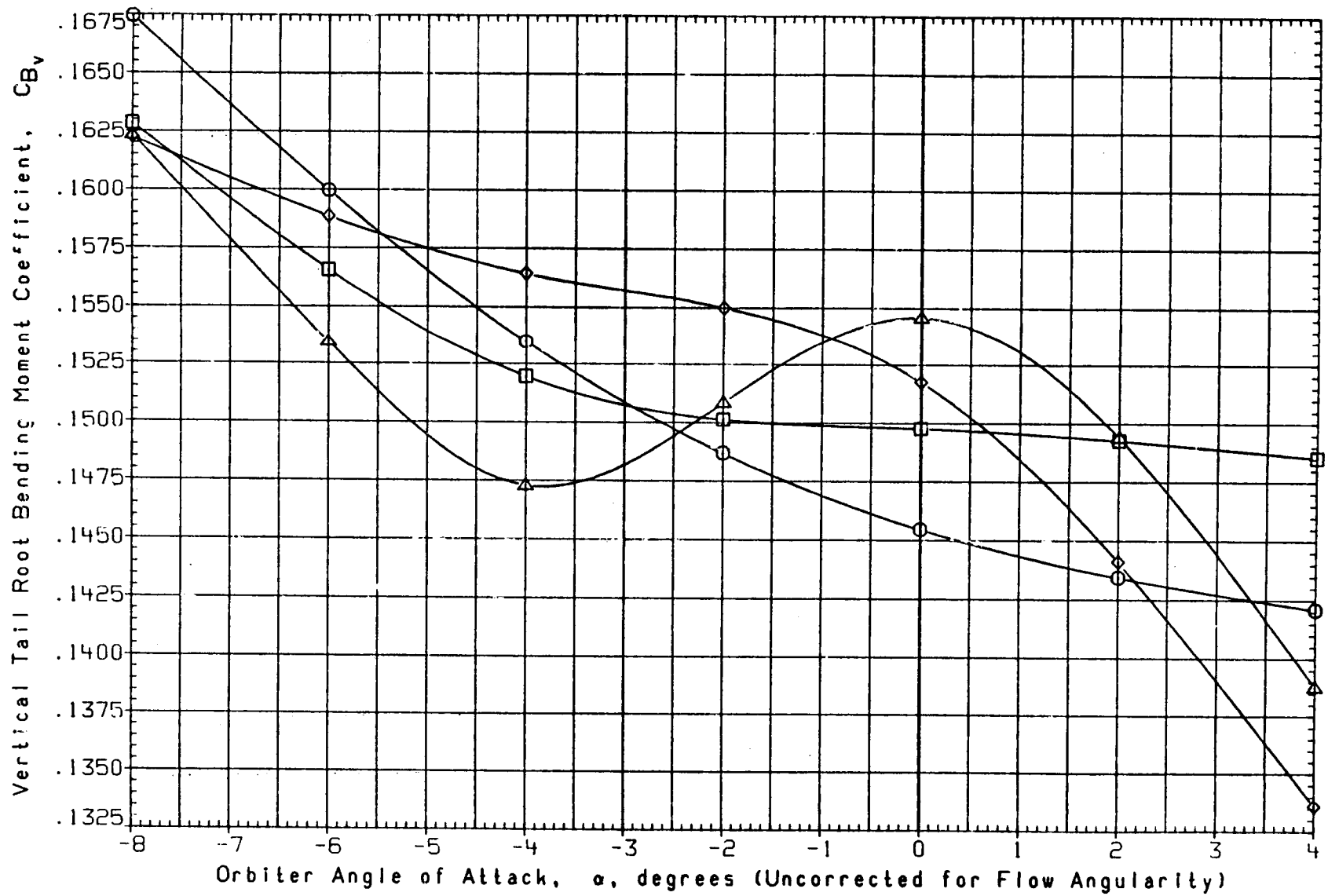


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV05	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

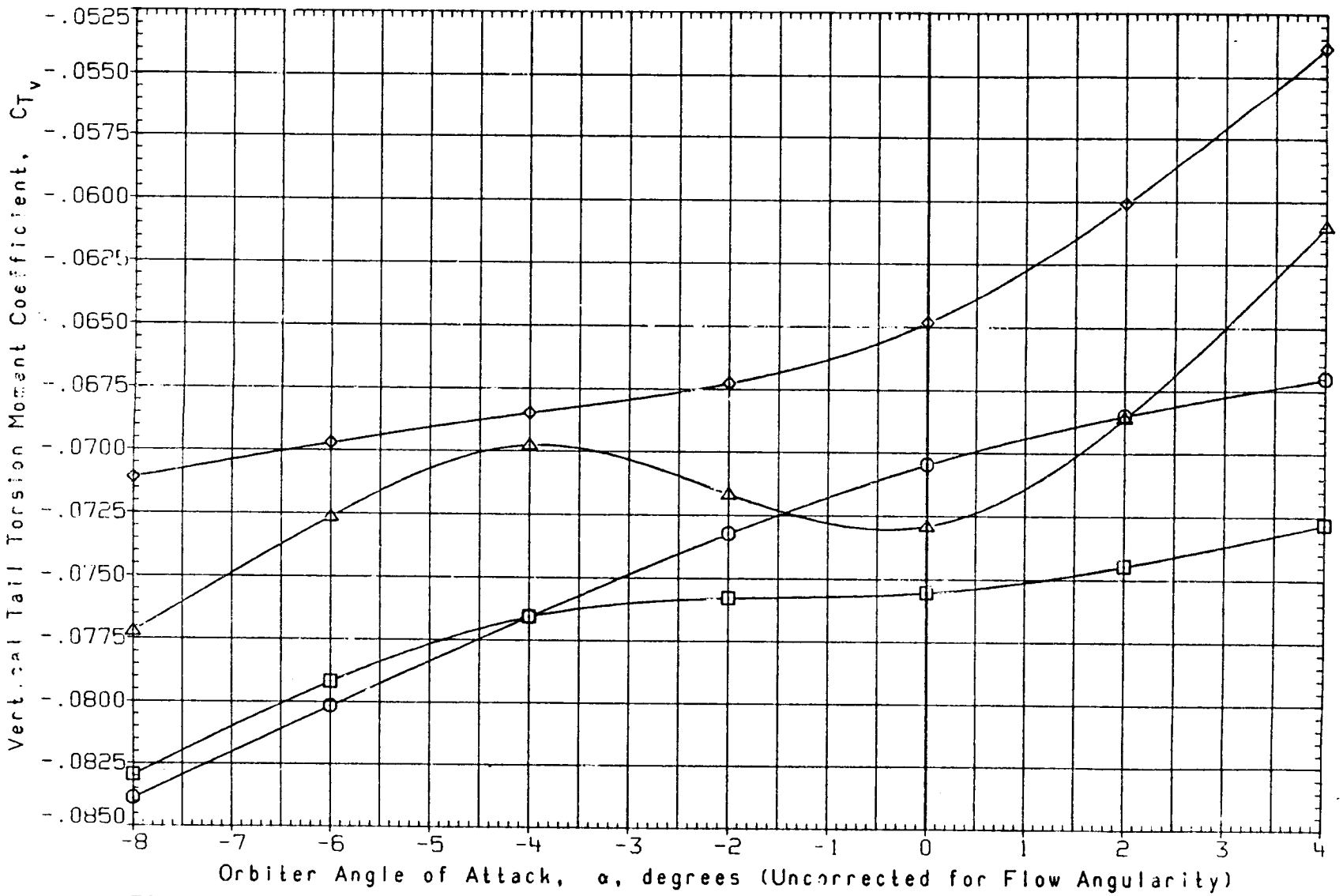


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

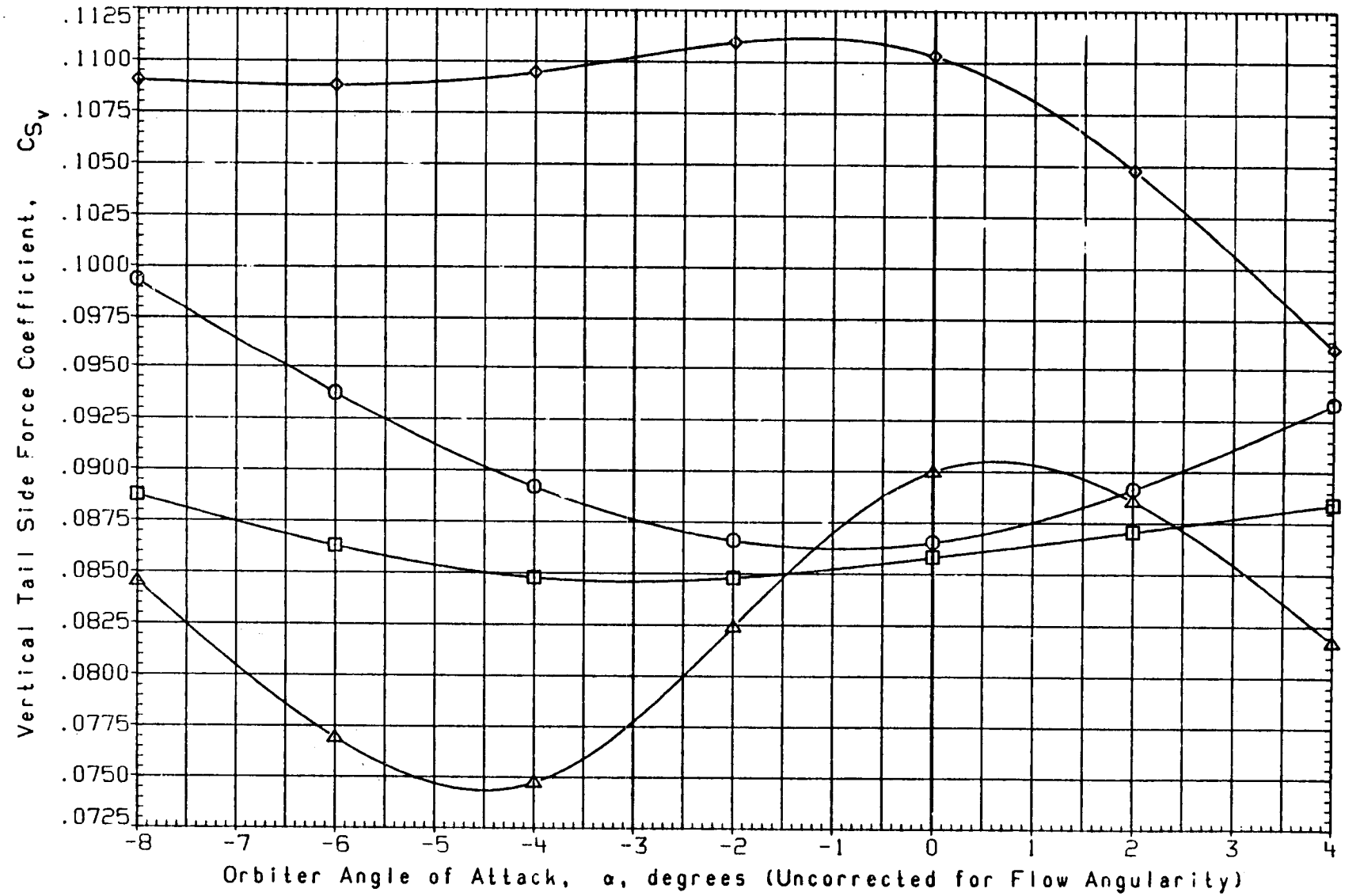


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
C8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

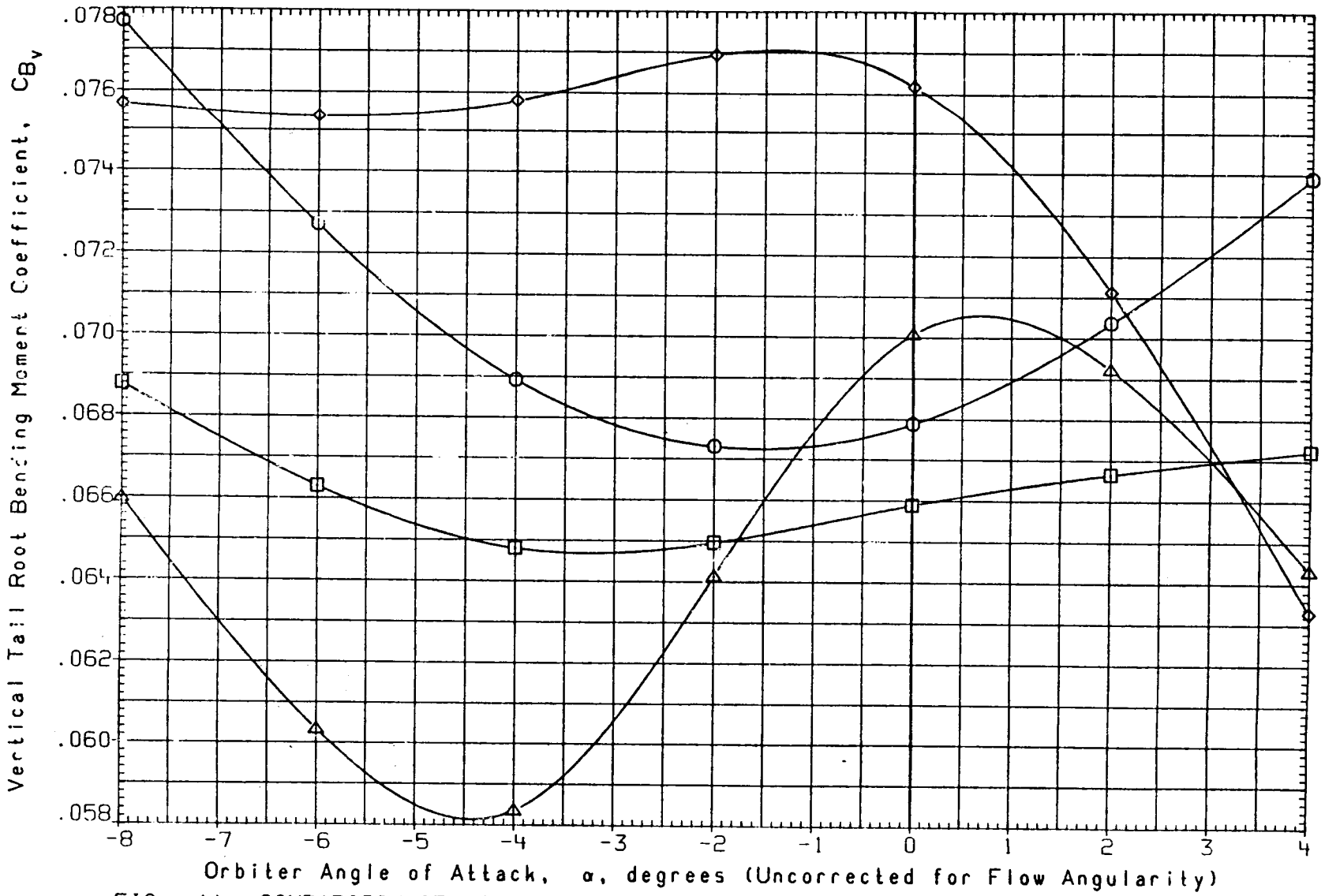


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

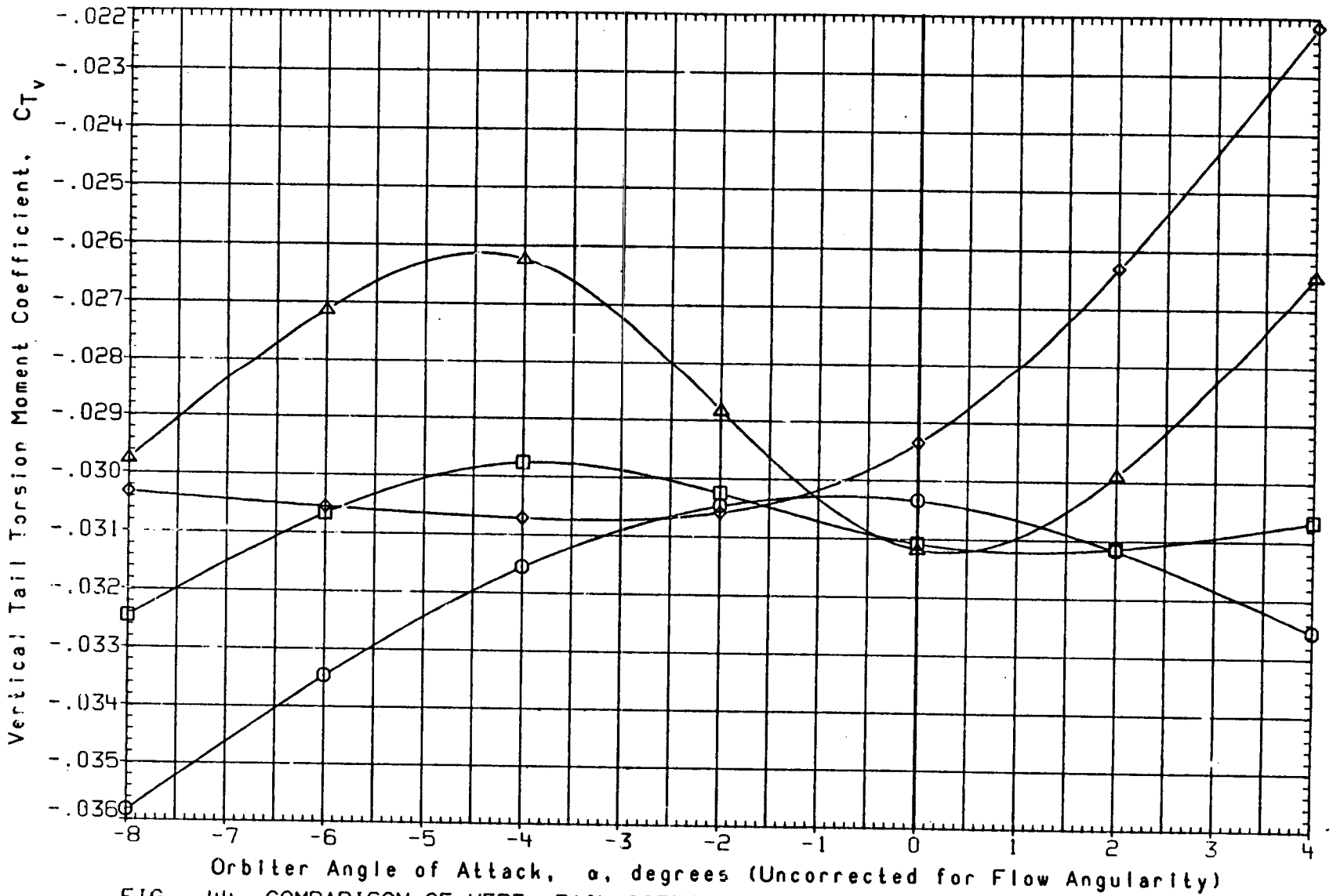


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O9PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U9MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

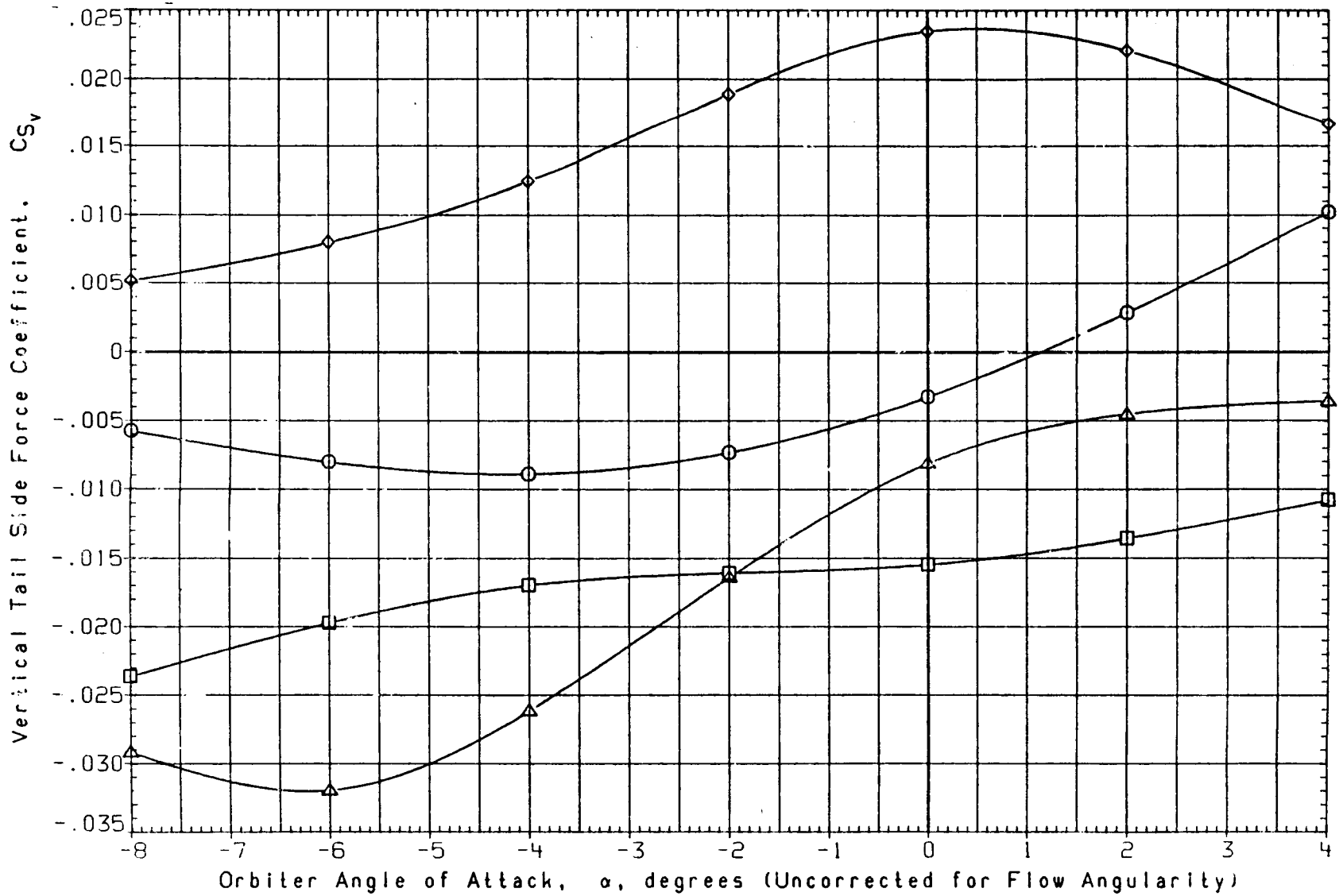


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

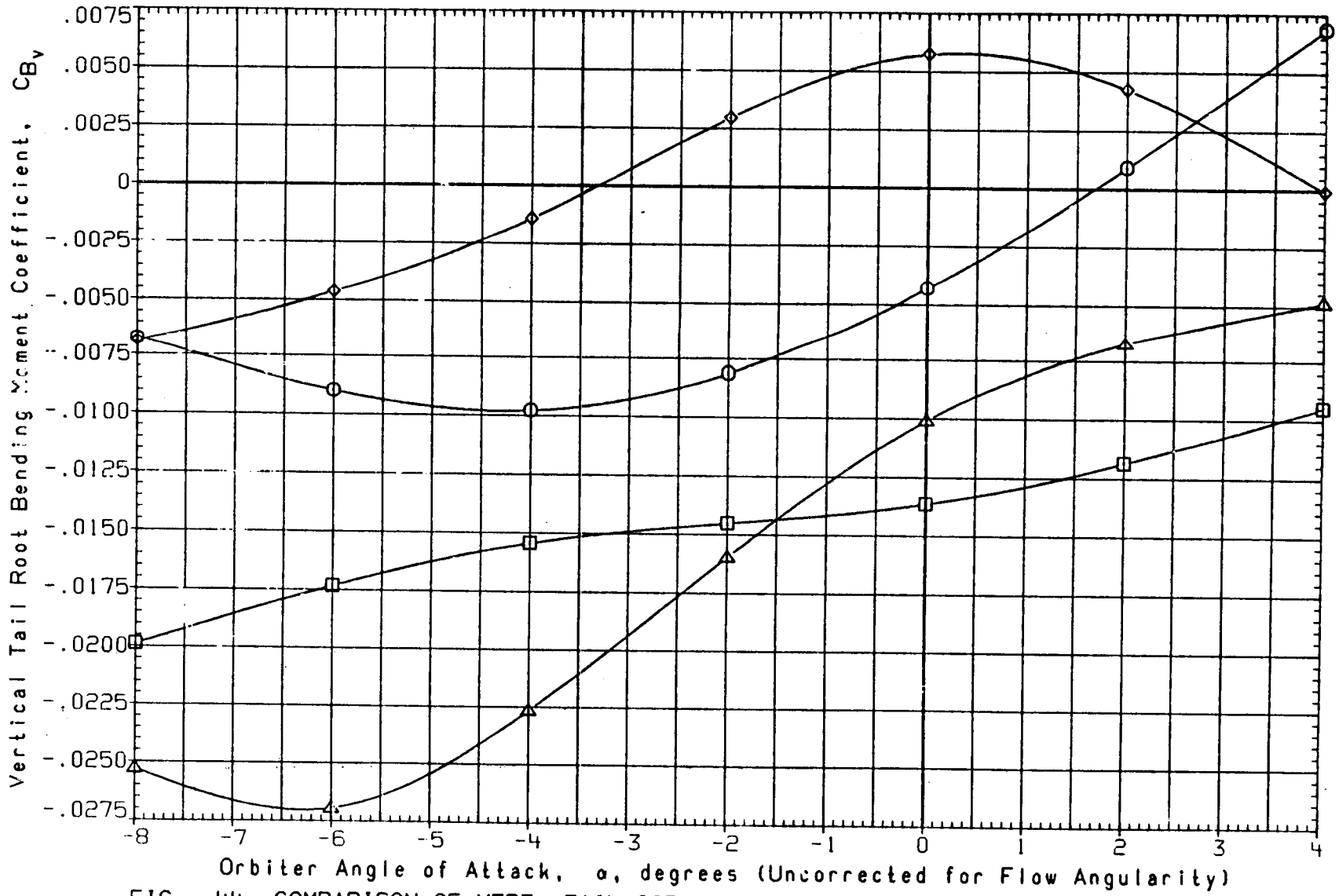


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

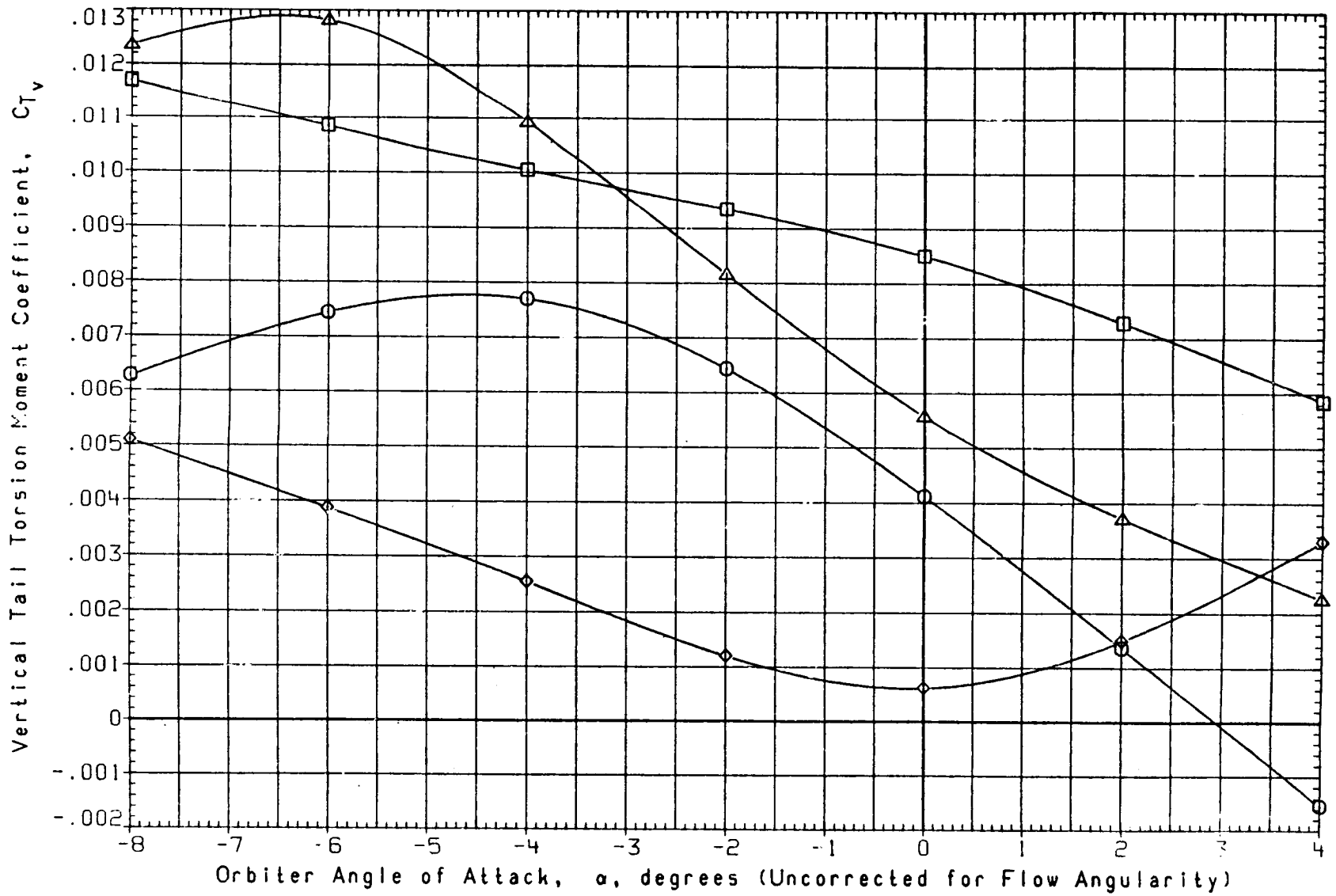


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

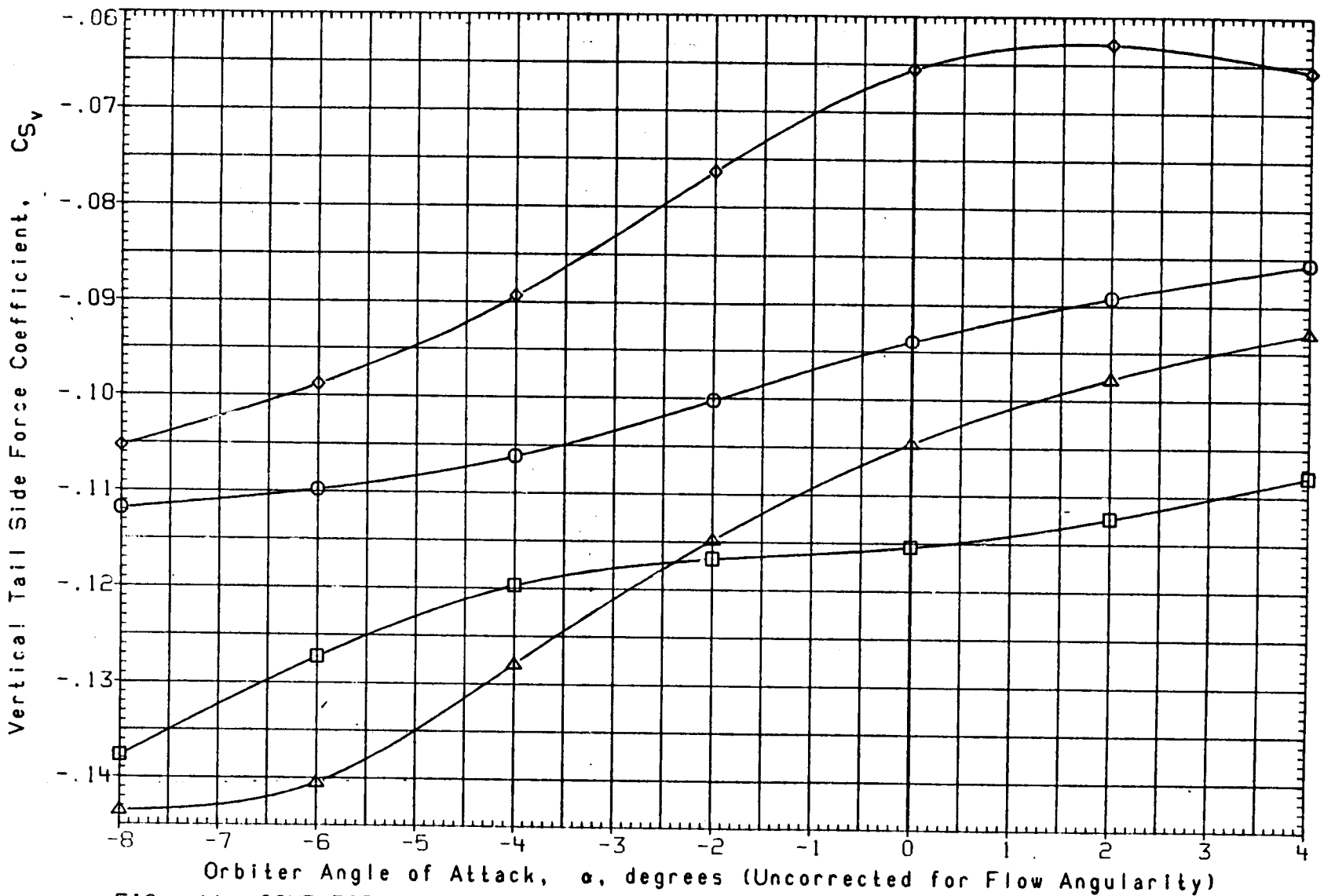


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

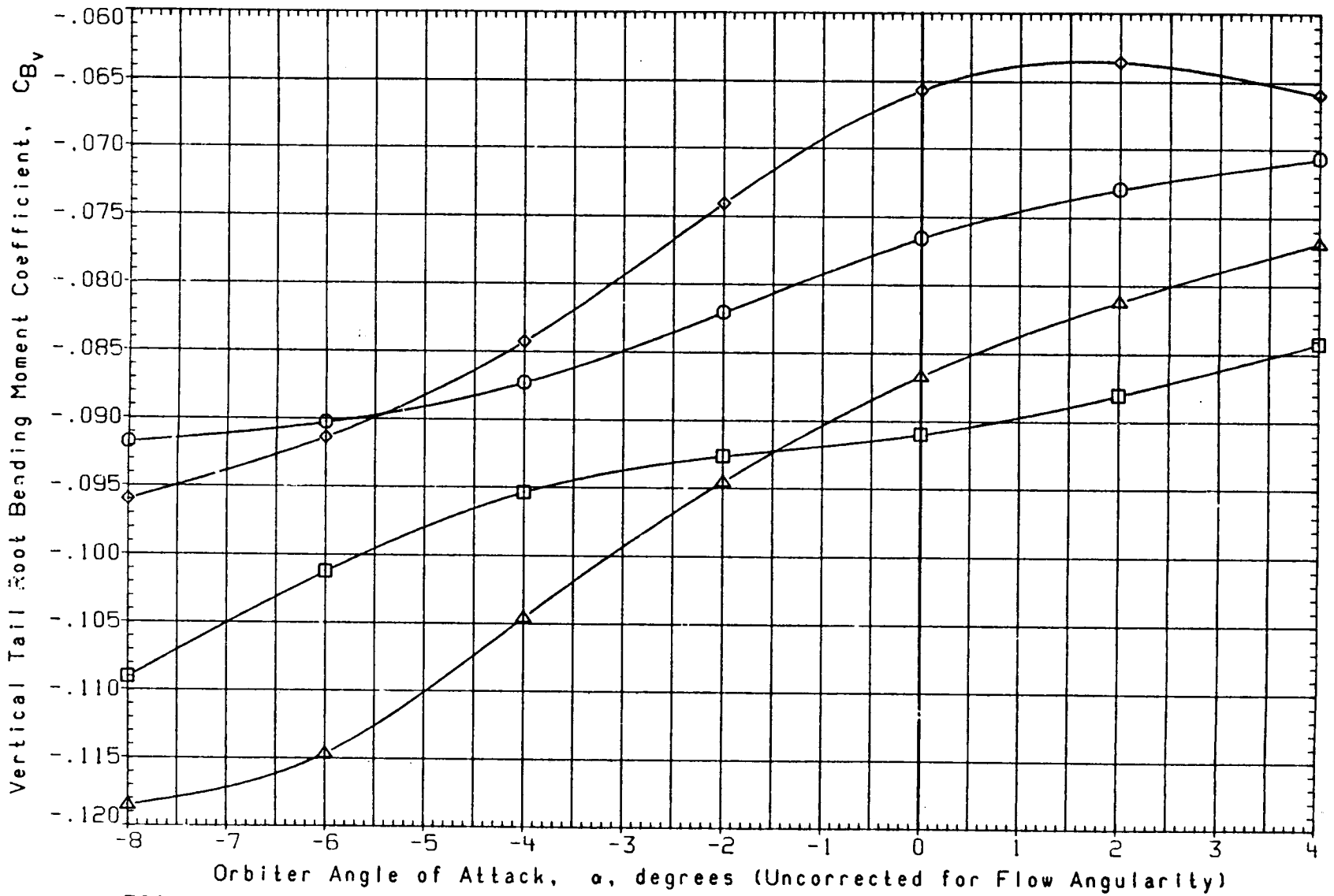


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

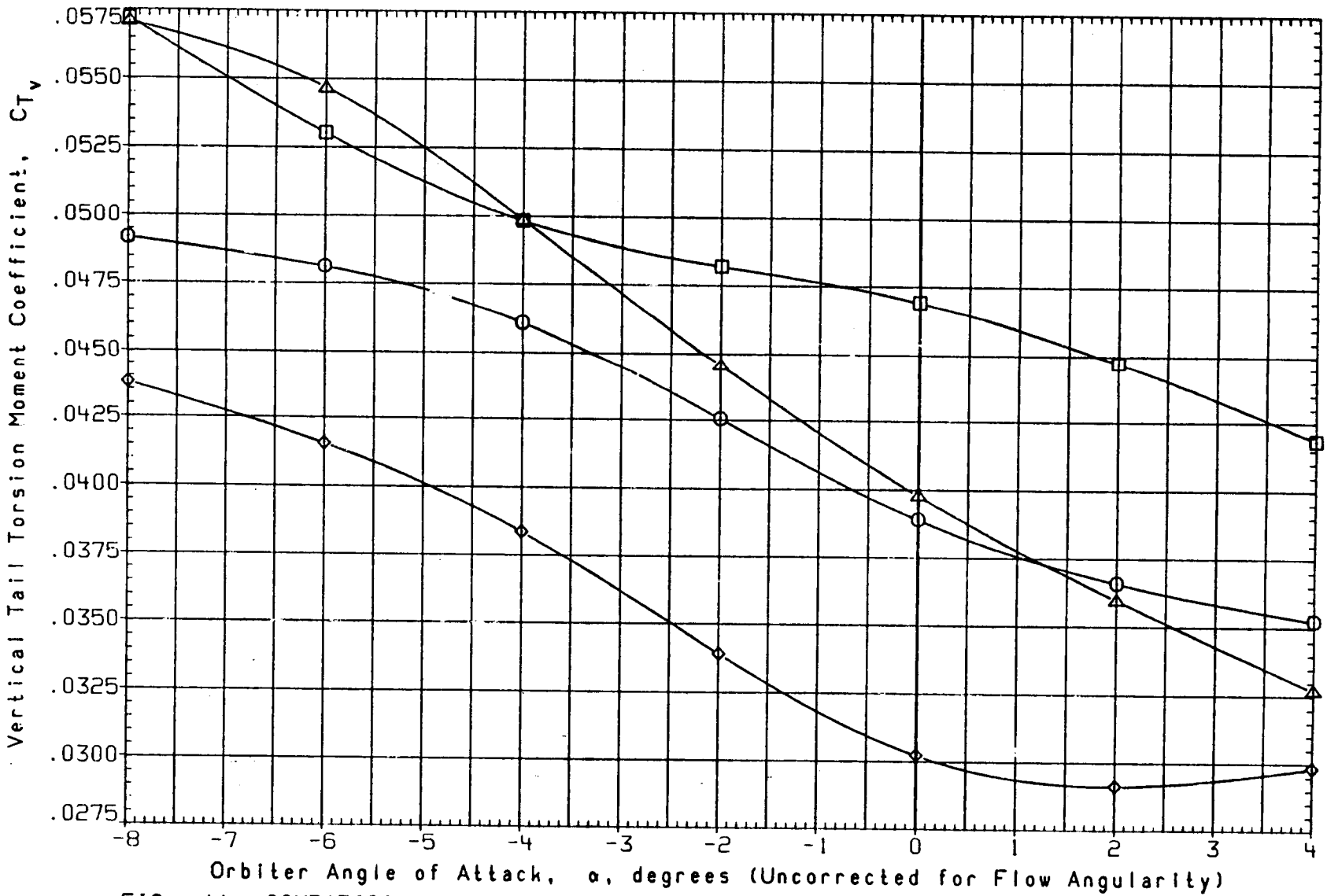


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

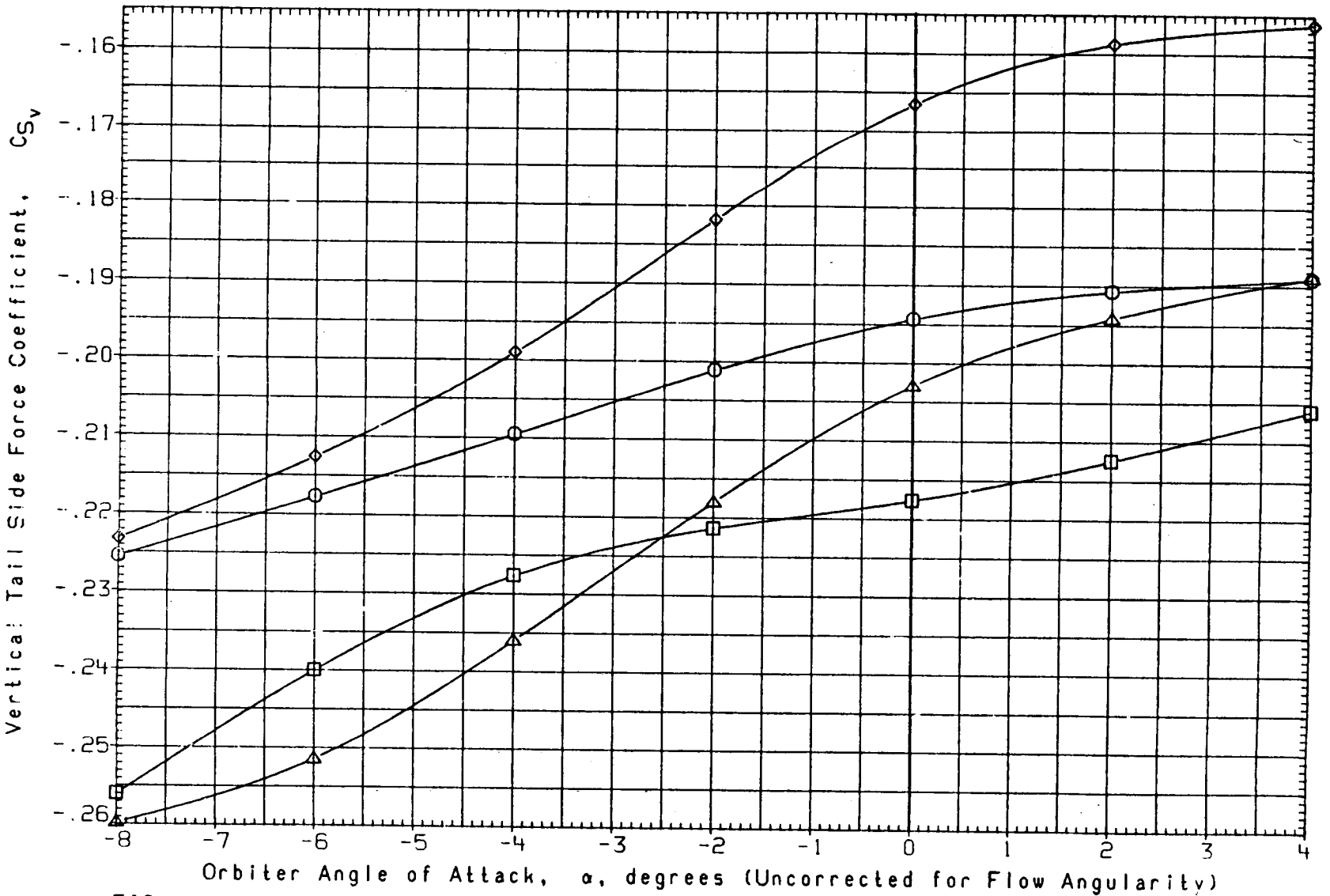


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

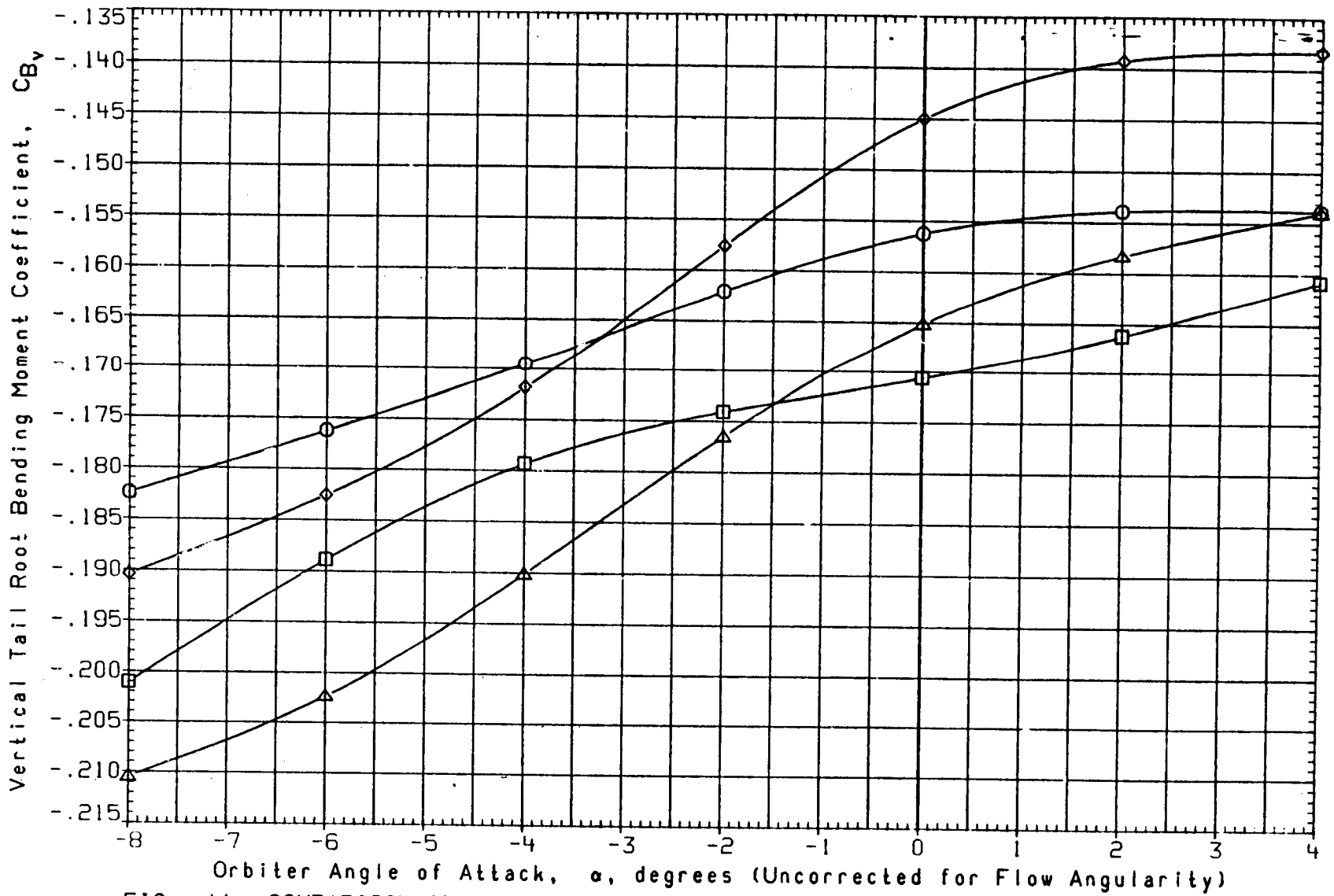


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
08PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.350	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

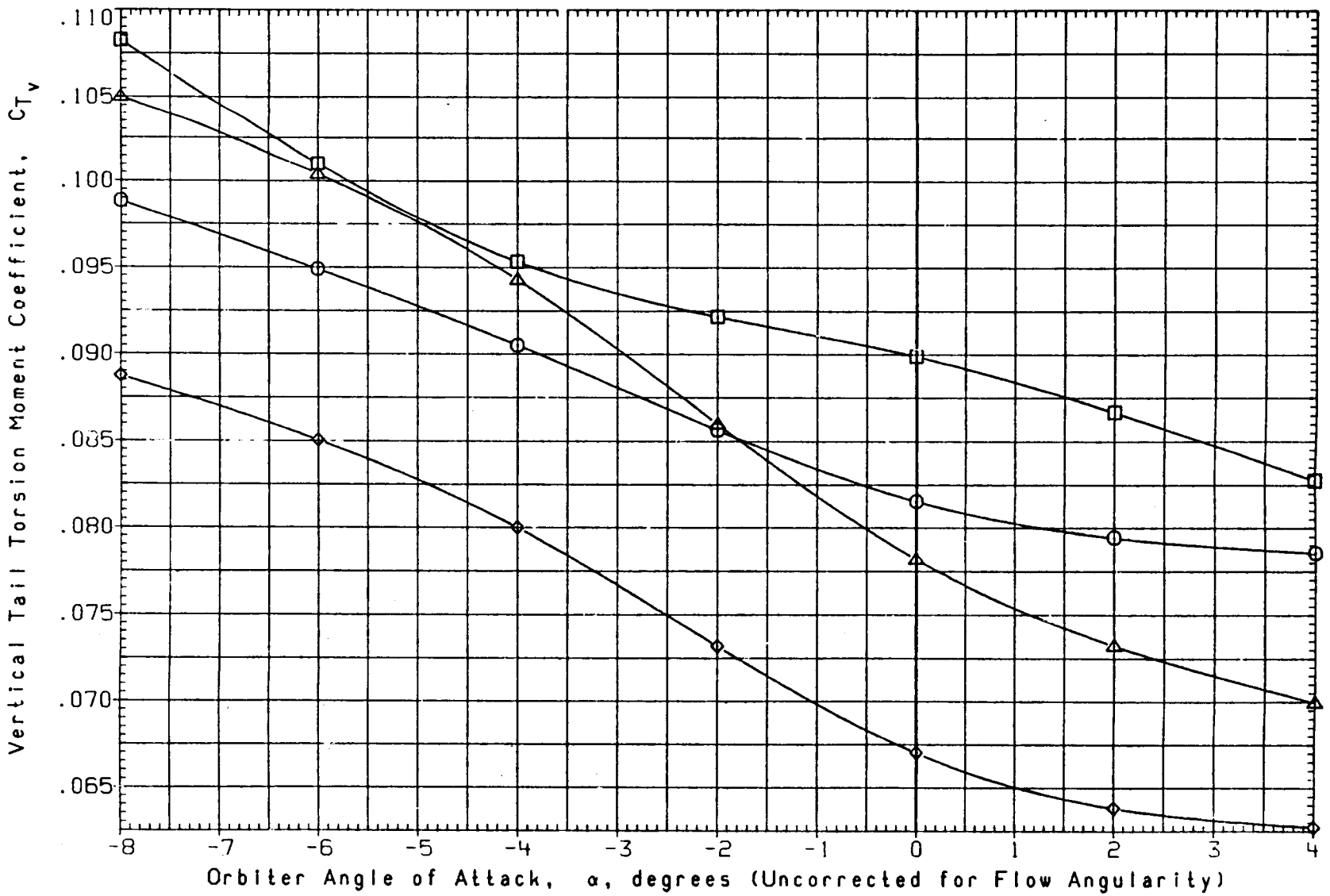


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

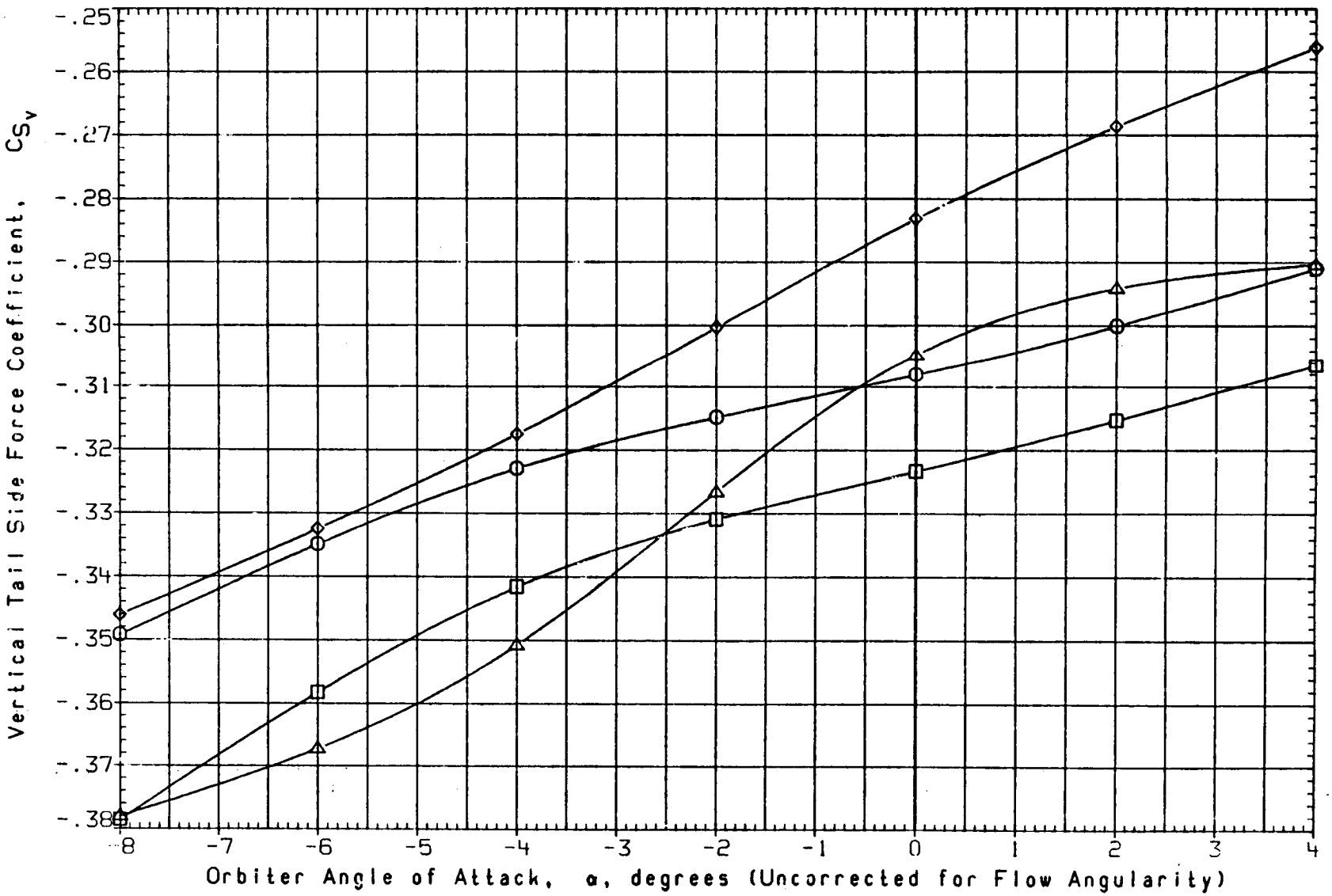


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

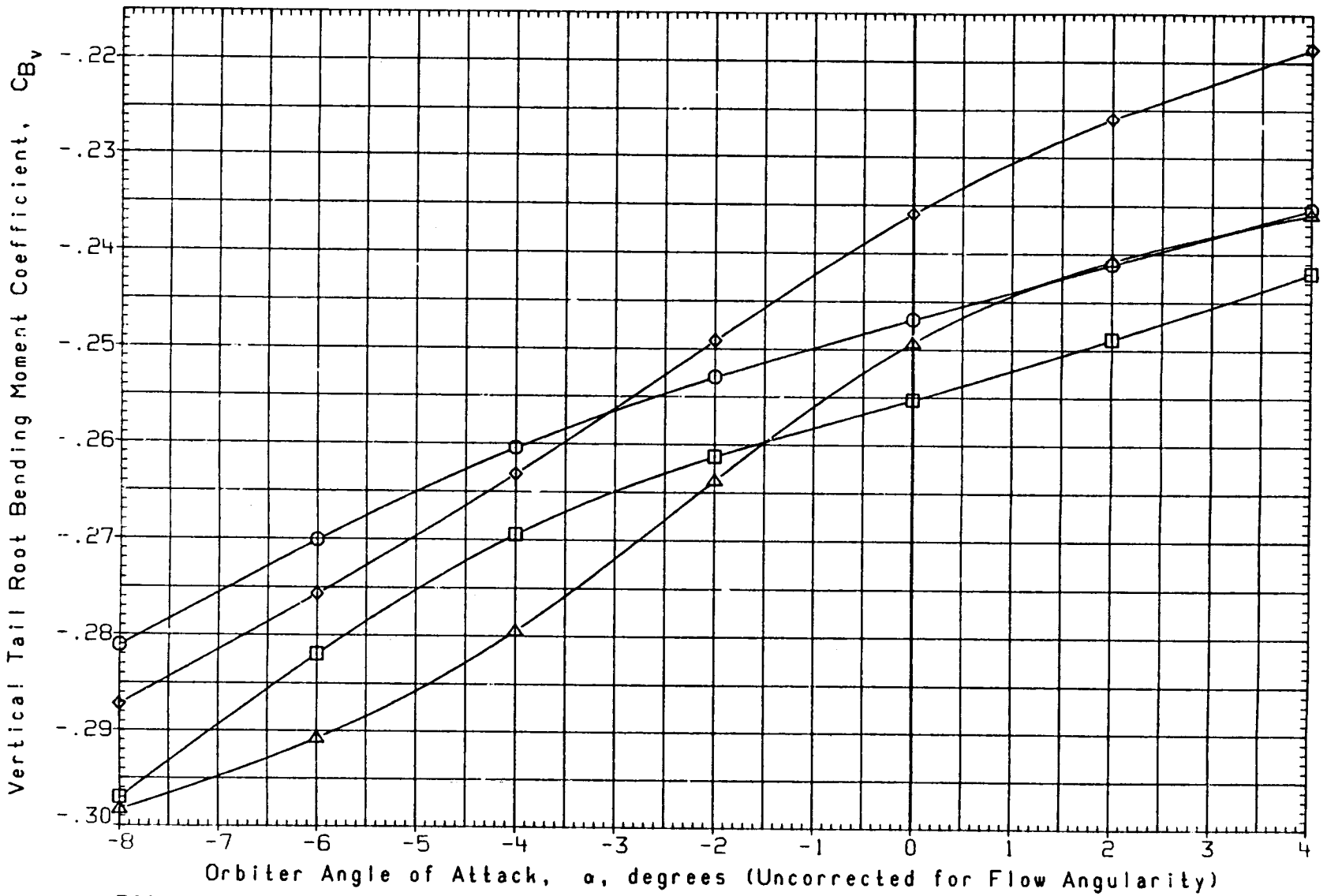


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV06	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.250	10.000	5.000
O8PV19	□	IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL)	1.250	10.000	5.000
U8MV42	◇	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.250	10.000	5.000
U8NV49	△	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.250	10.000	5.000

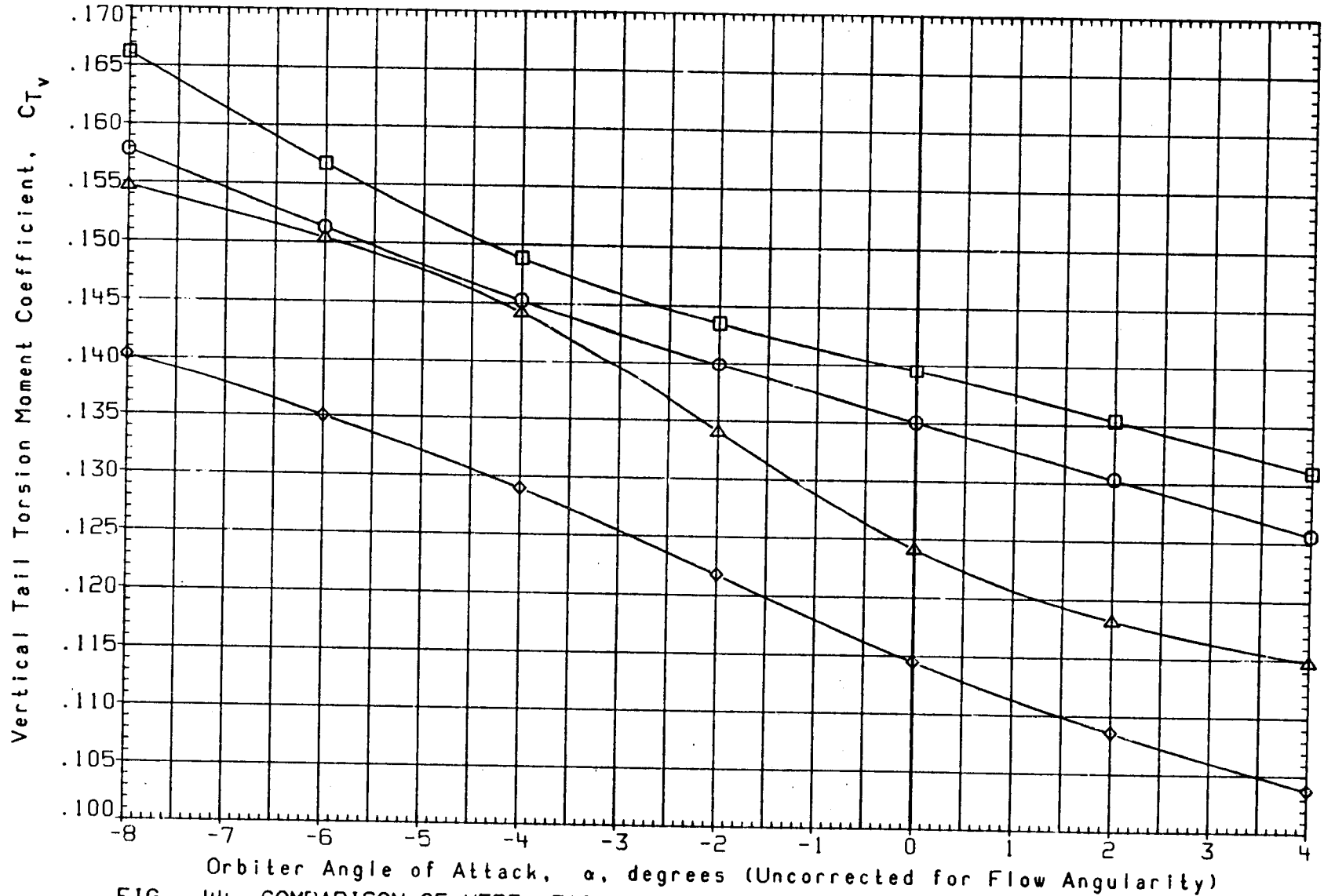


FIG. 44 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.25, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

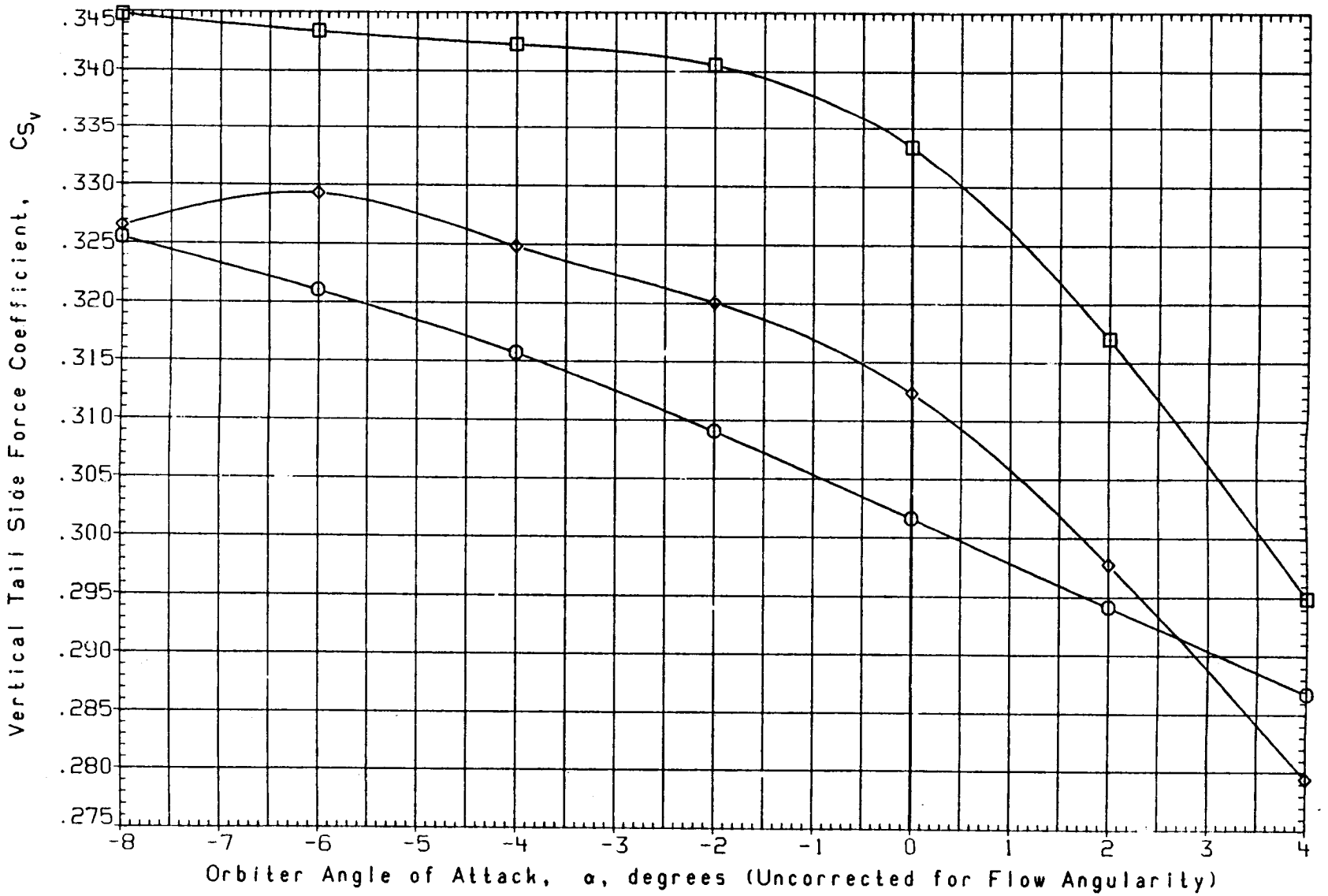


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

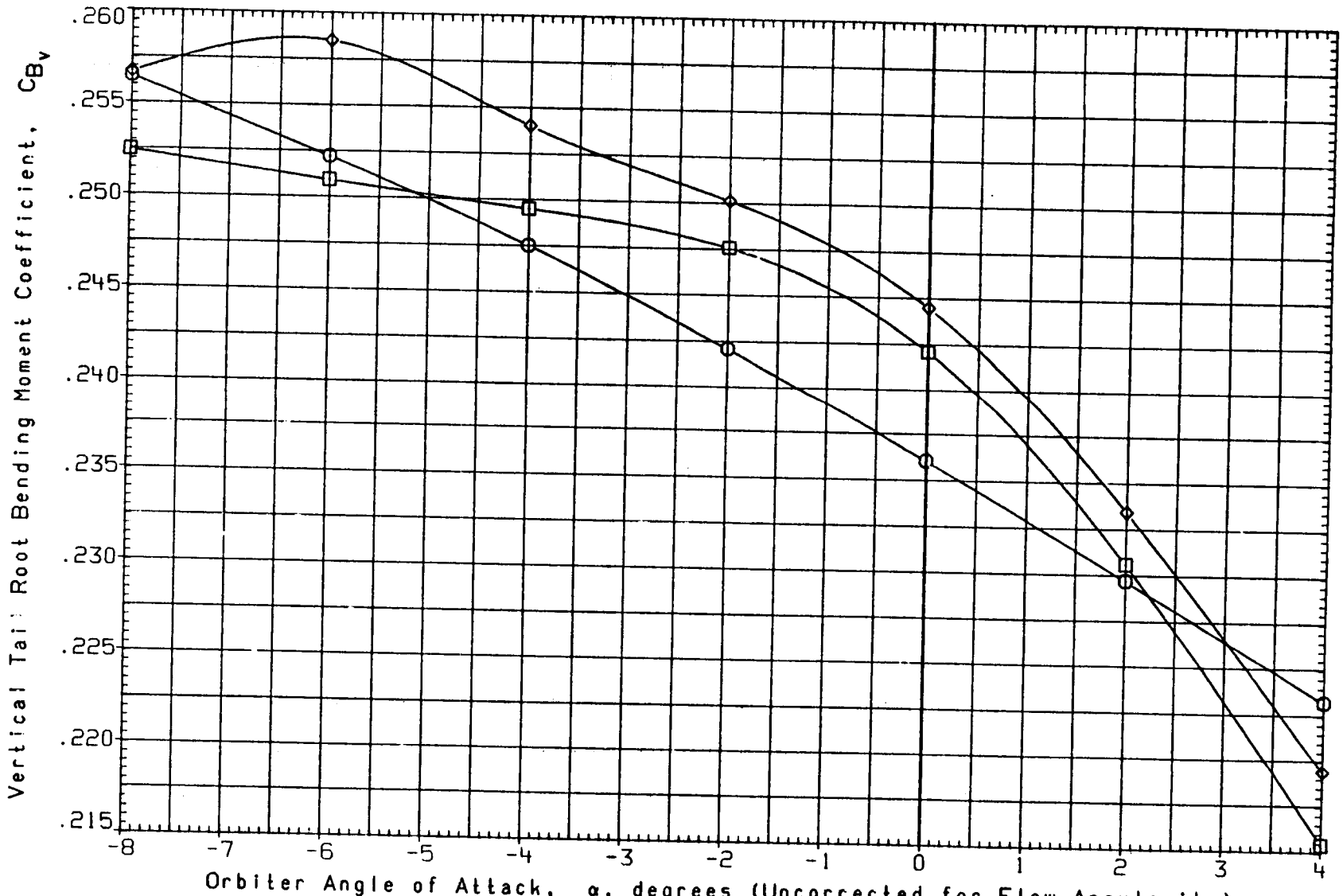


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

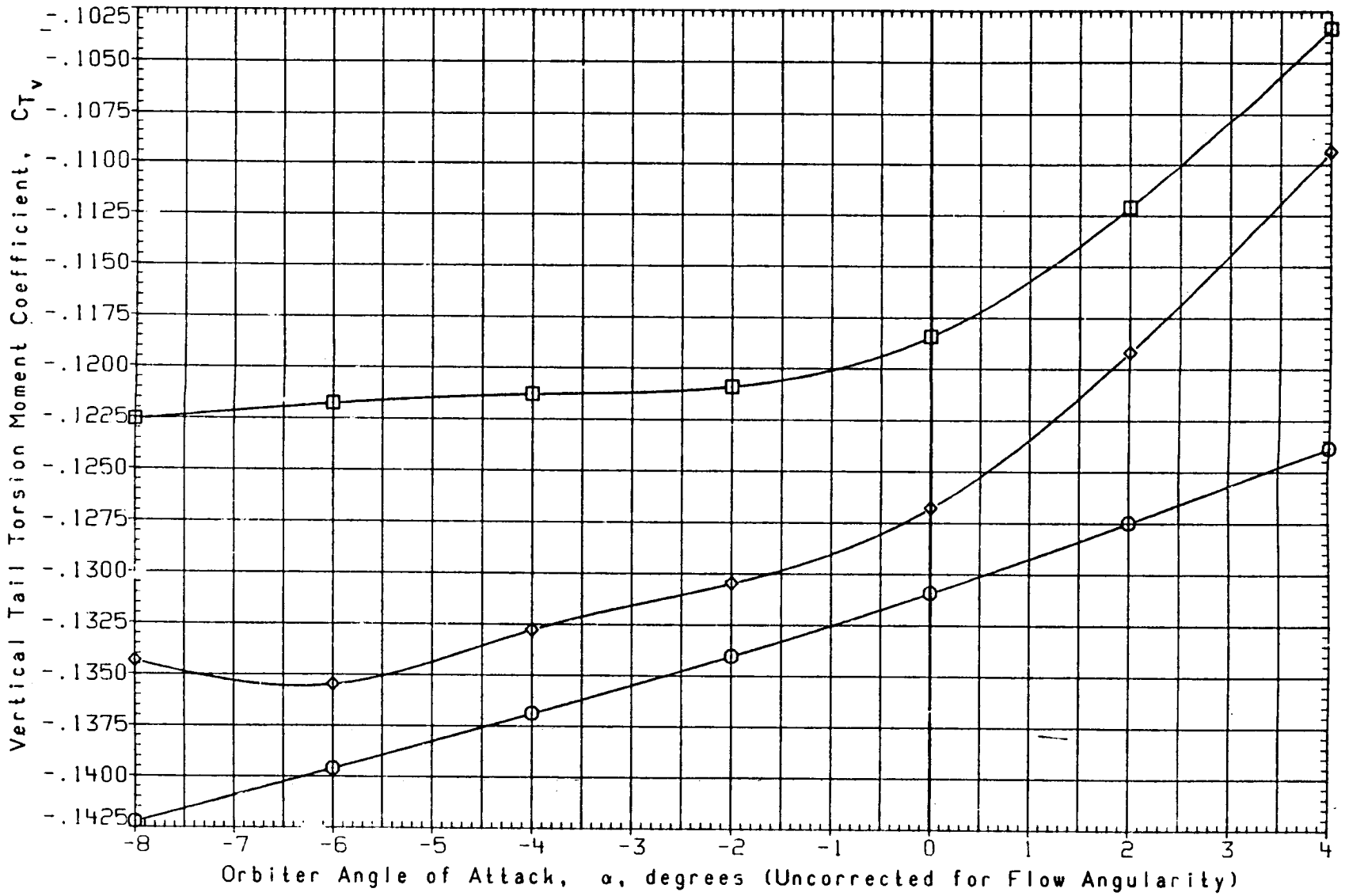


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(A)BETOU = -6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

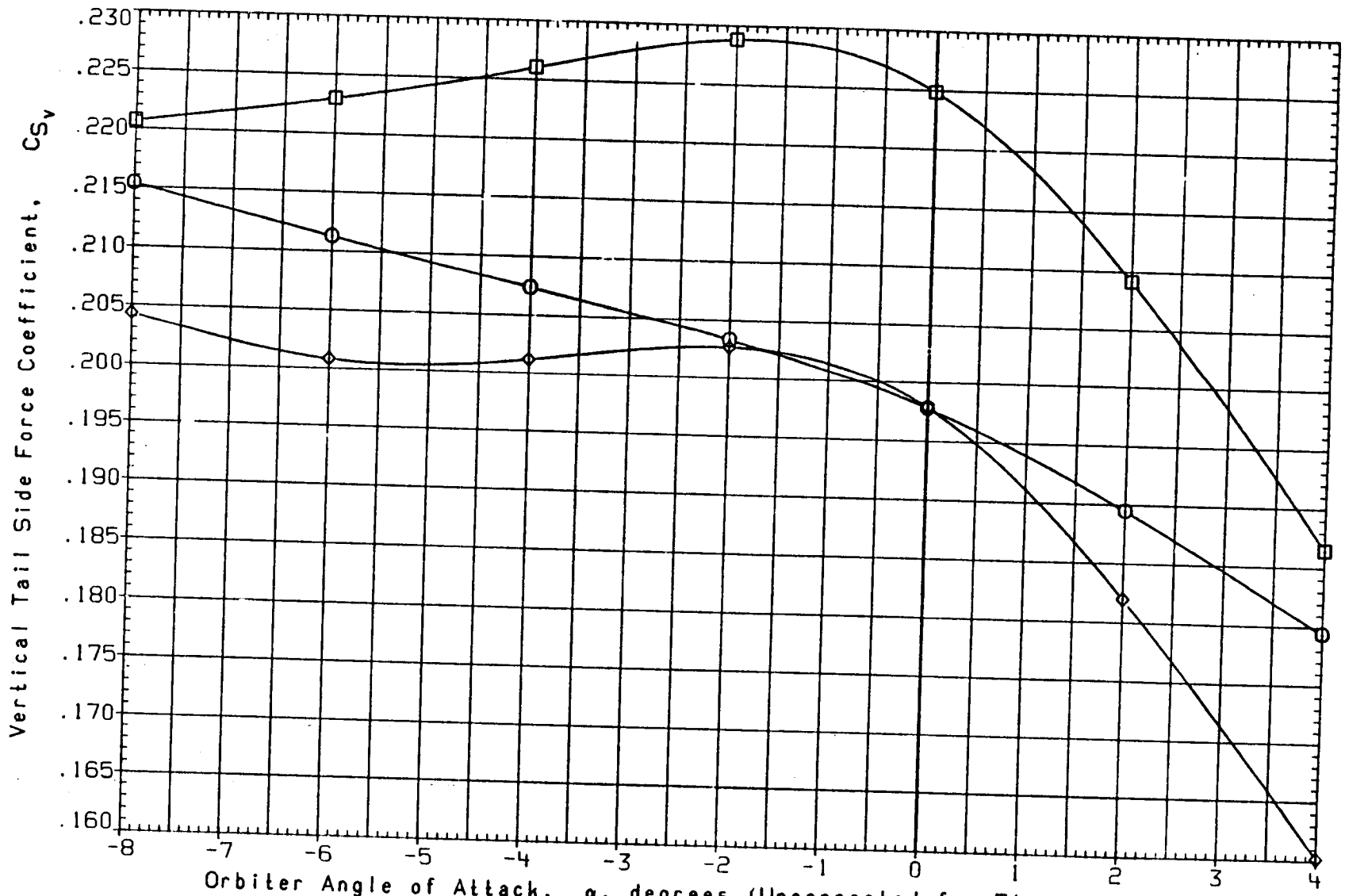


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

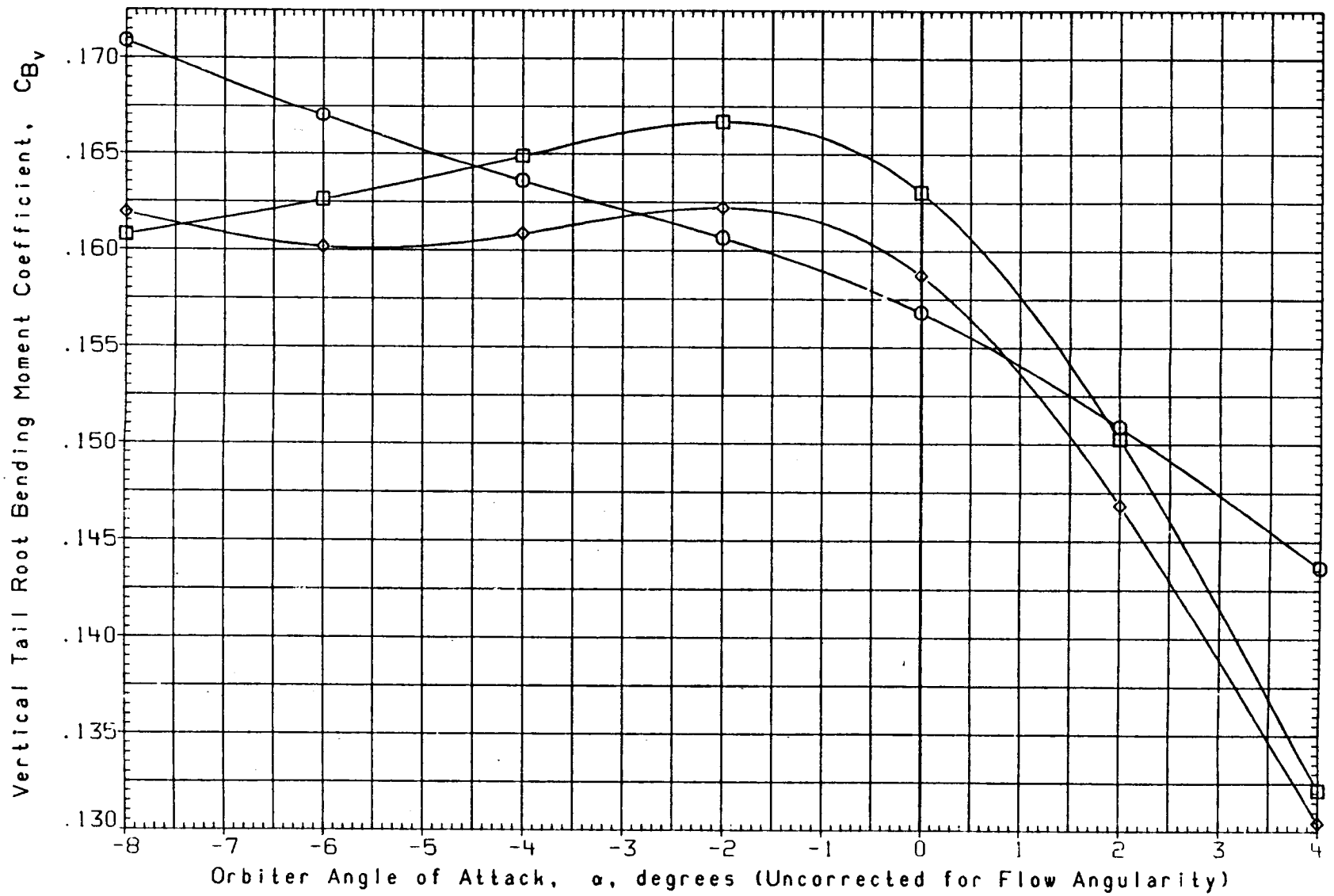


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

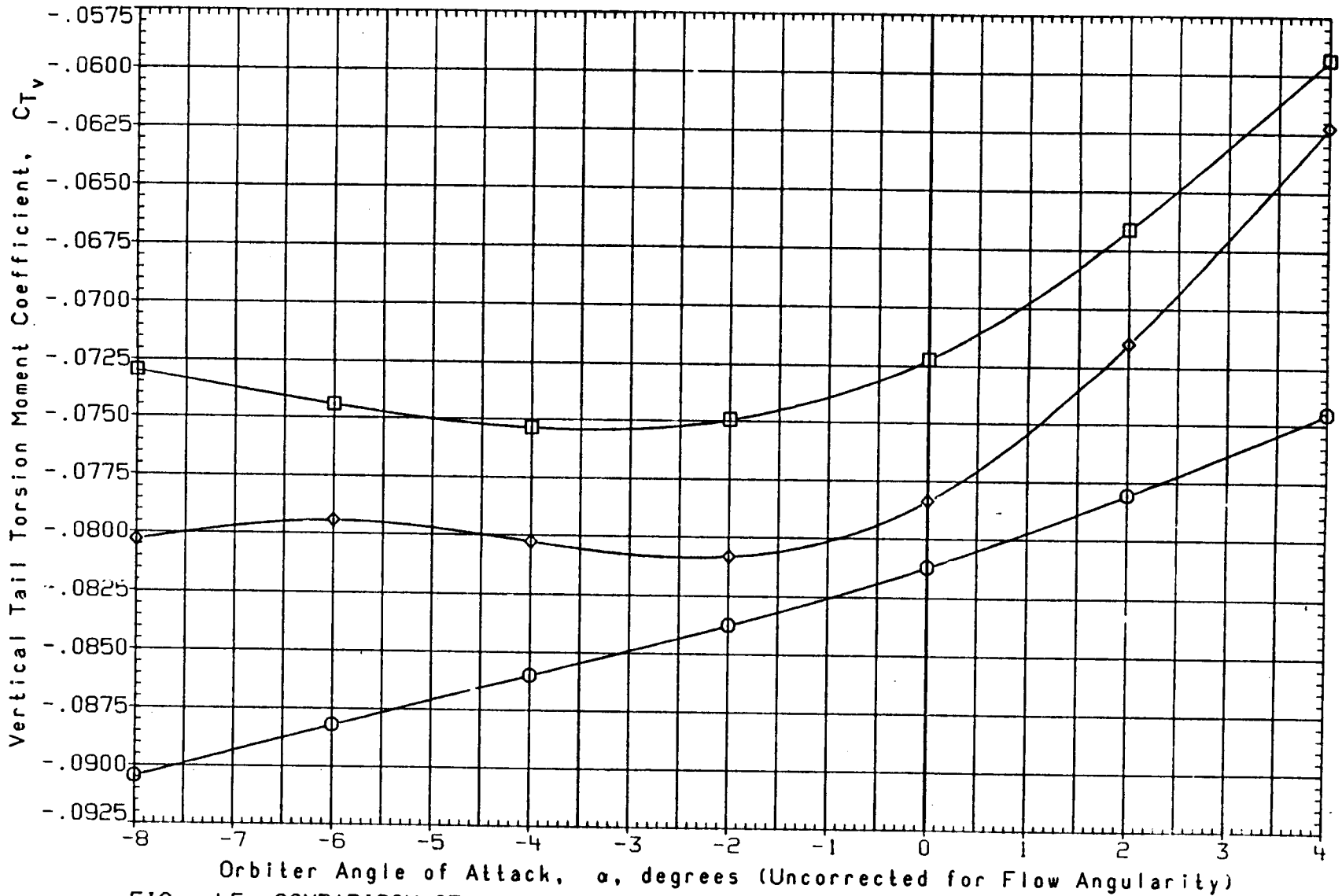


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(B)BETOU = -4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

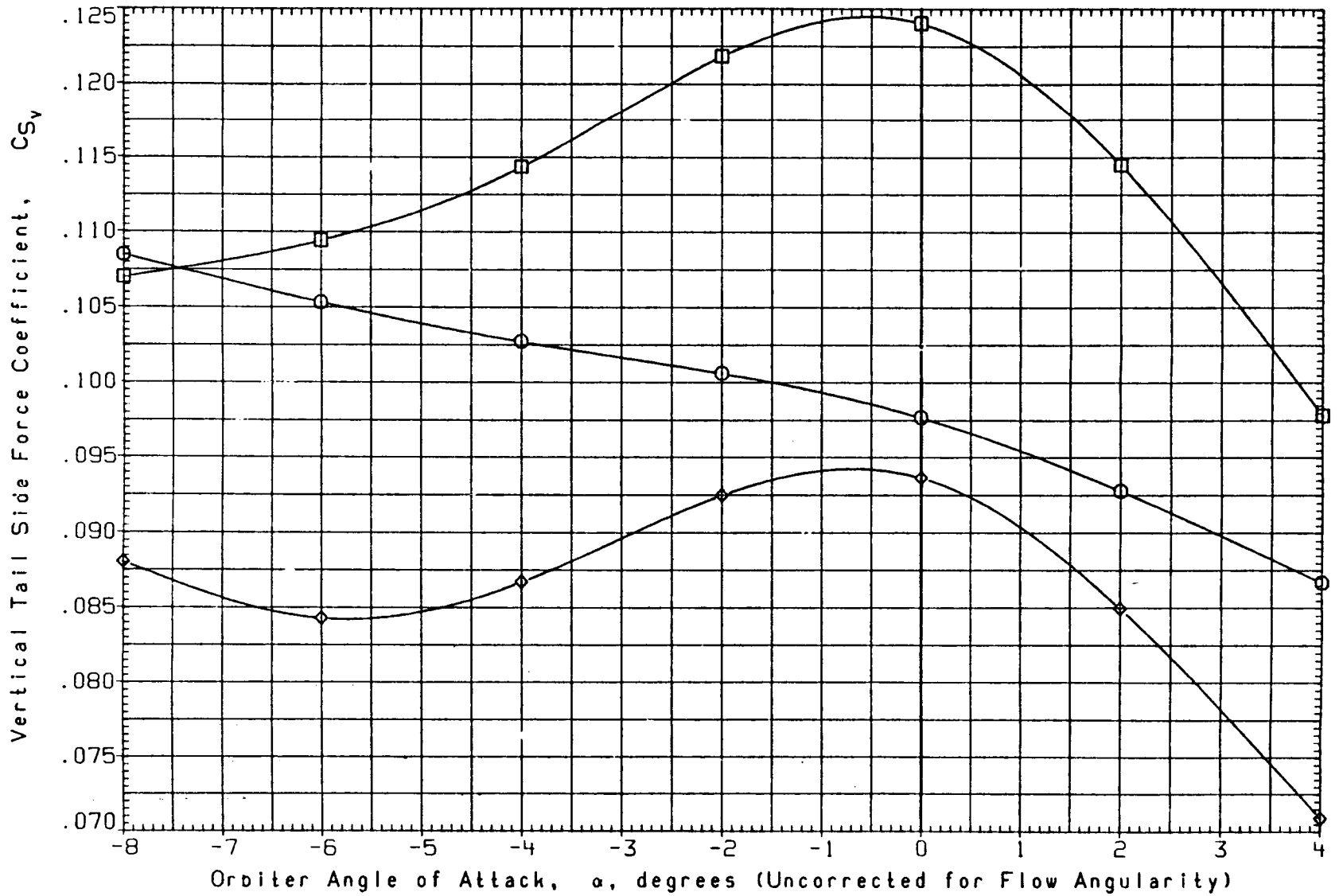


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA155A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

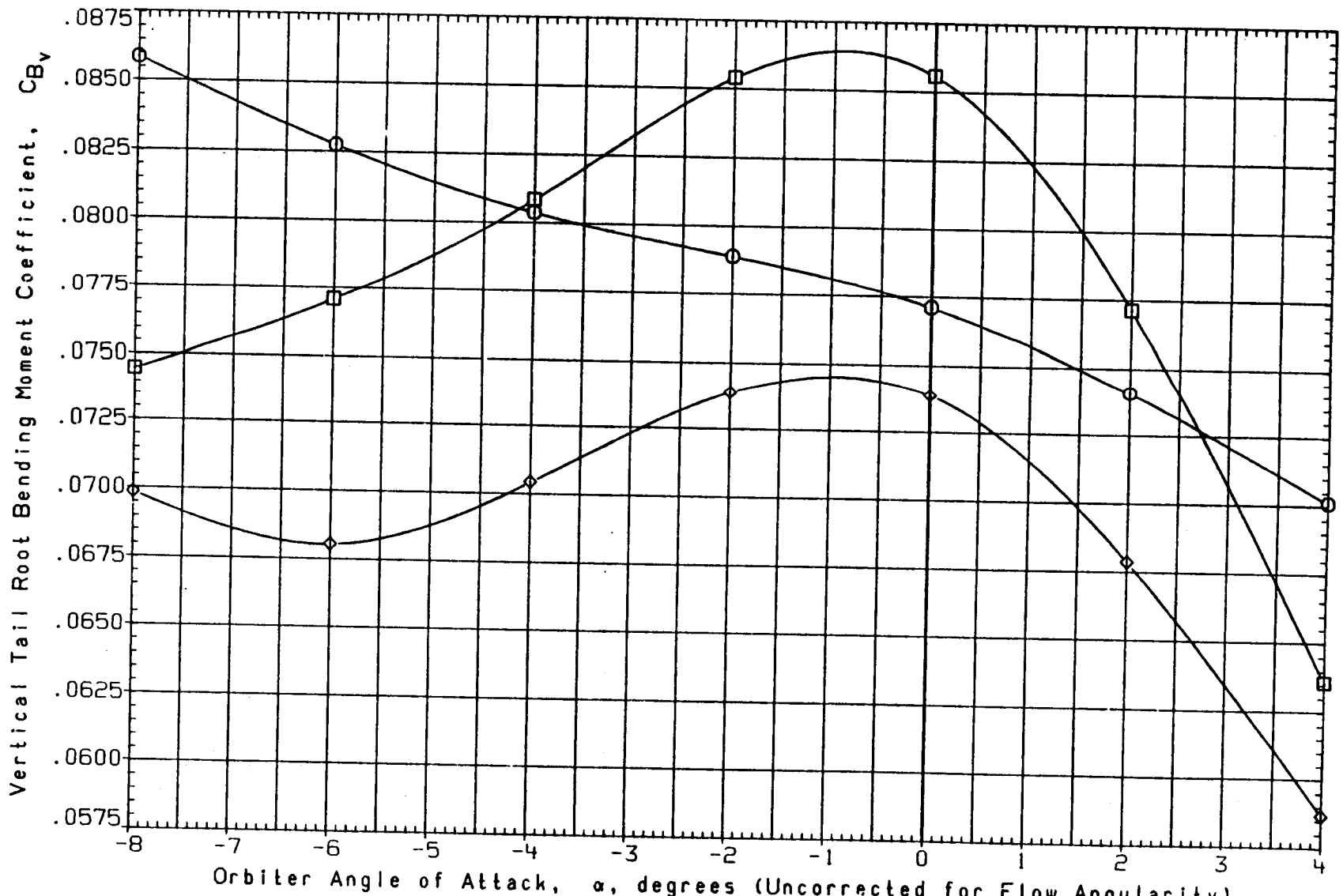


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

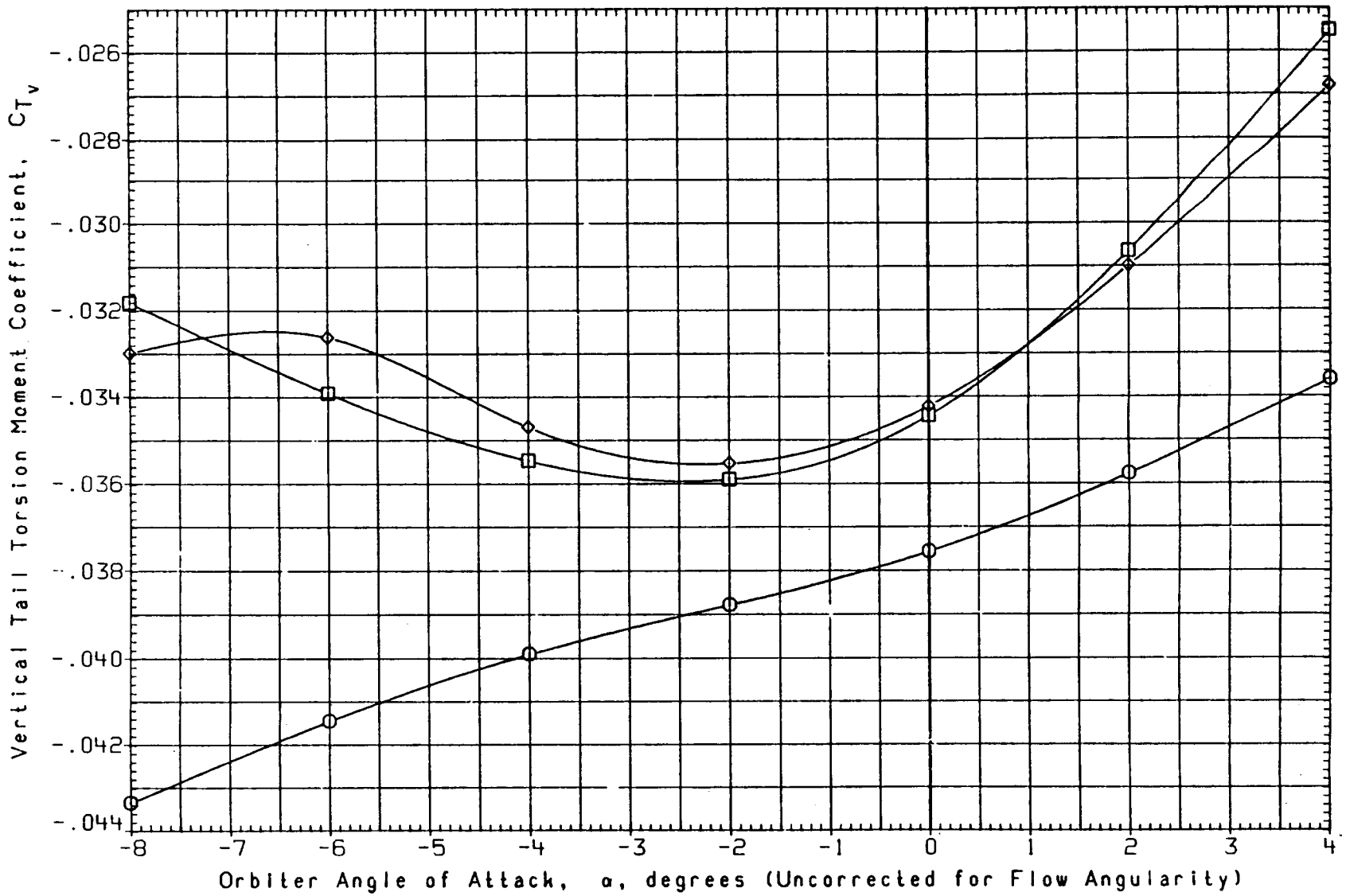


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(C)BETOU = -2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

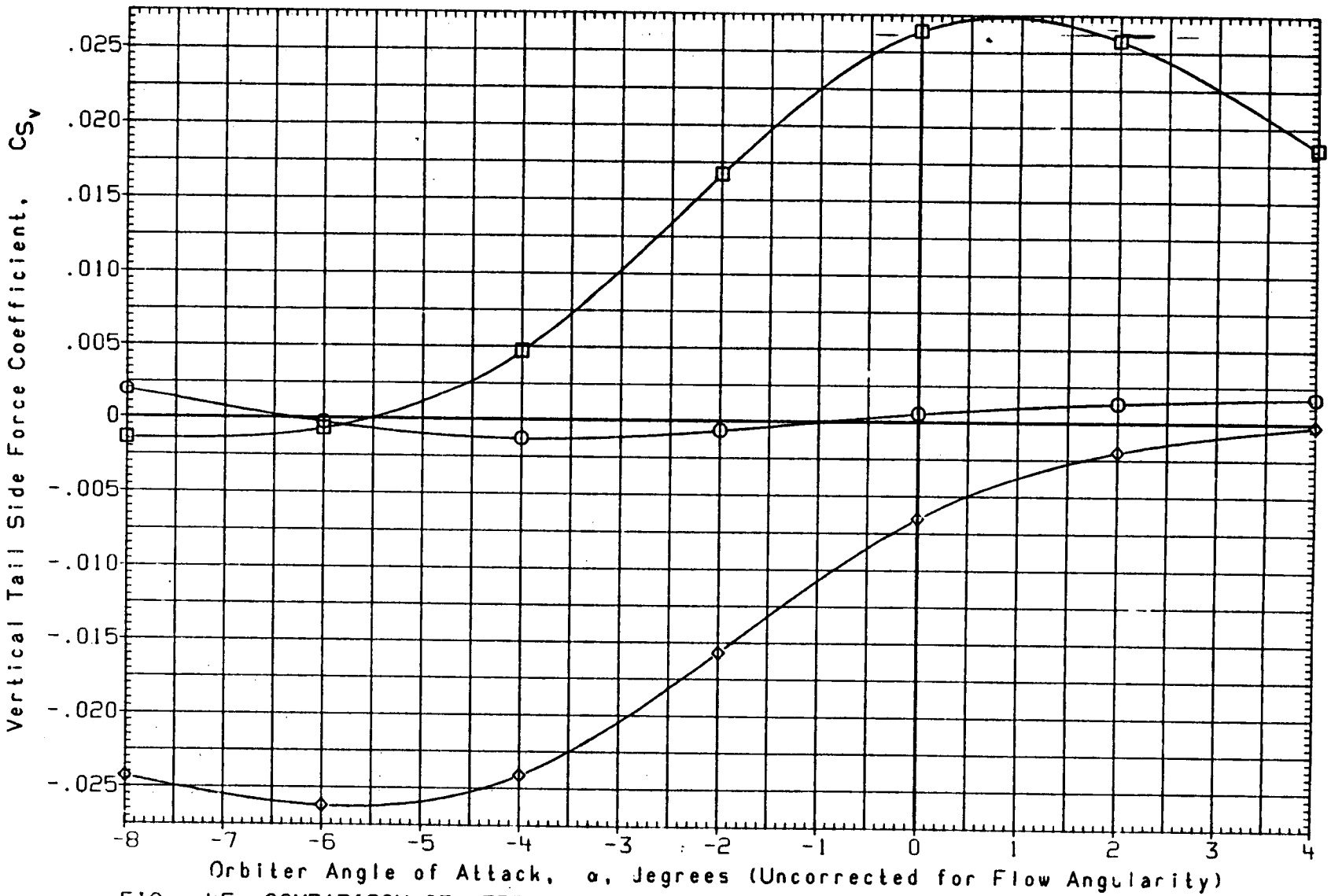


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

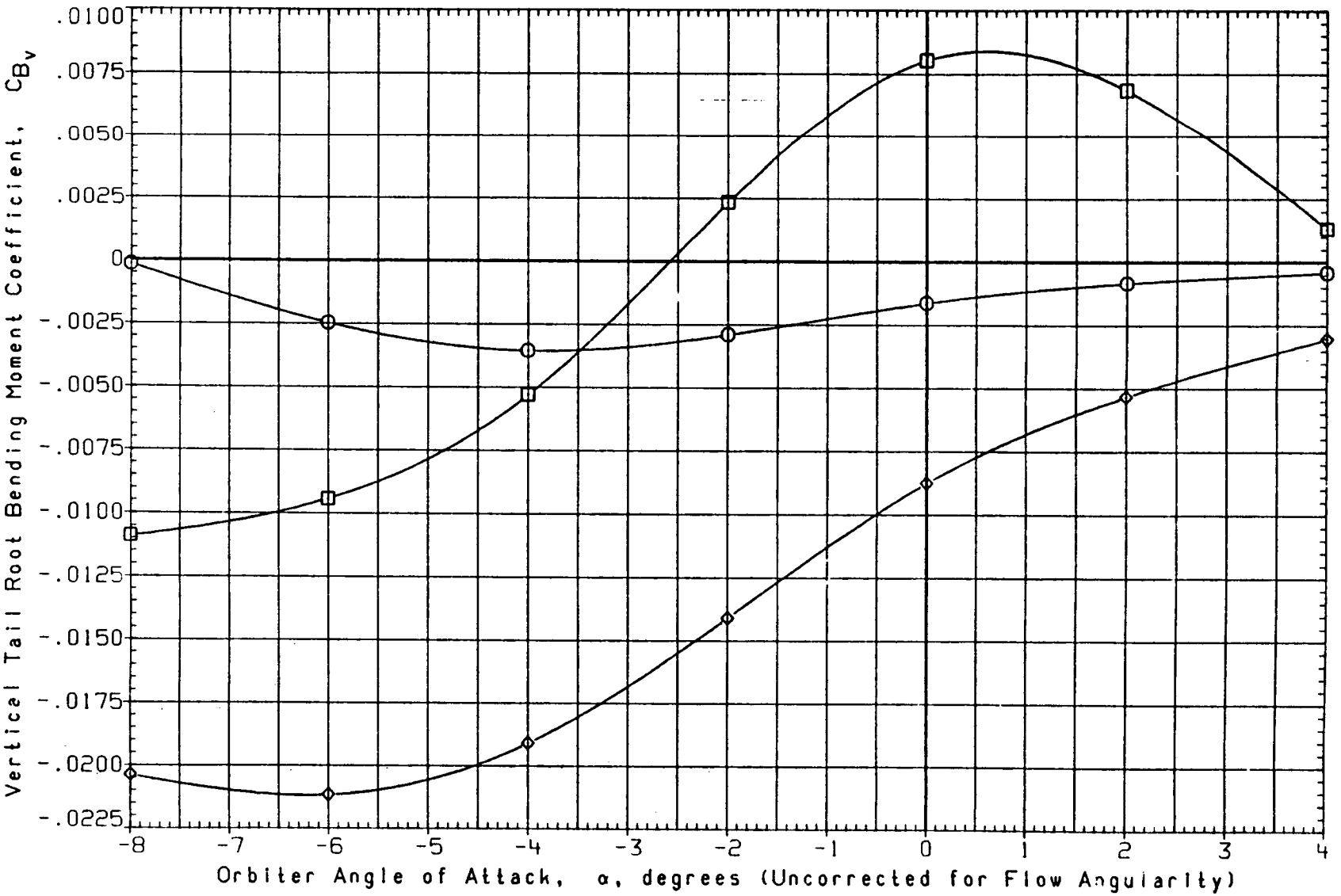


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

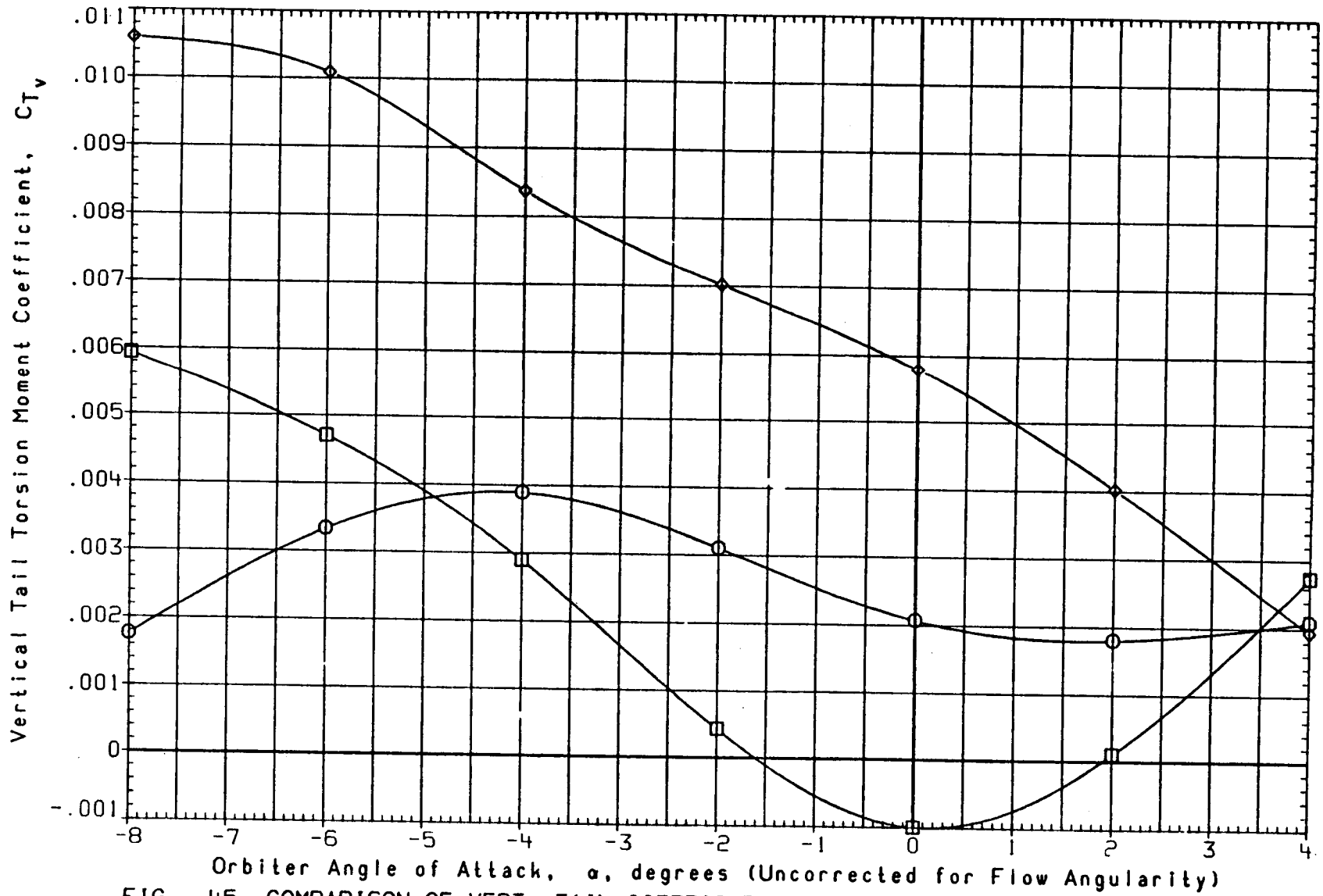


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(D)BETOU = .00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

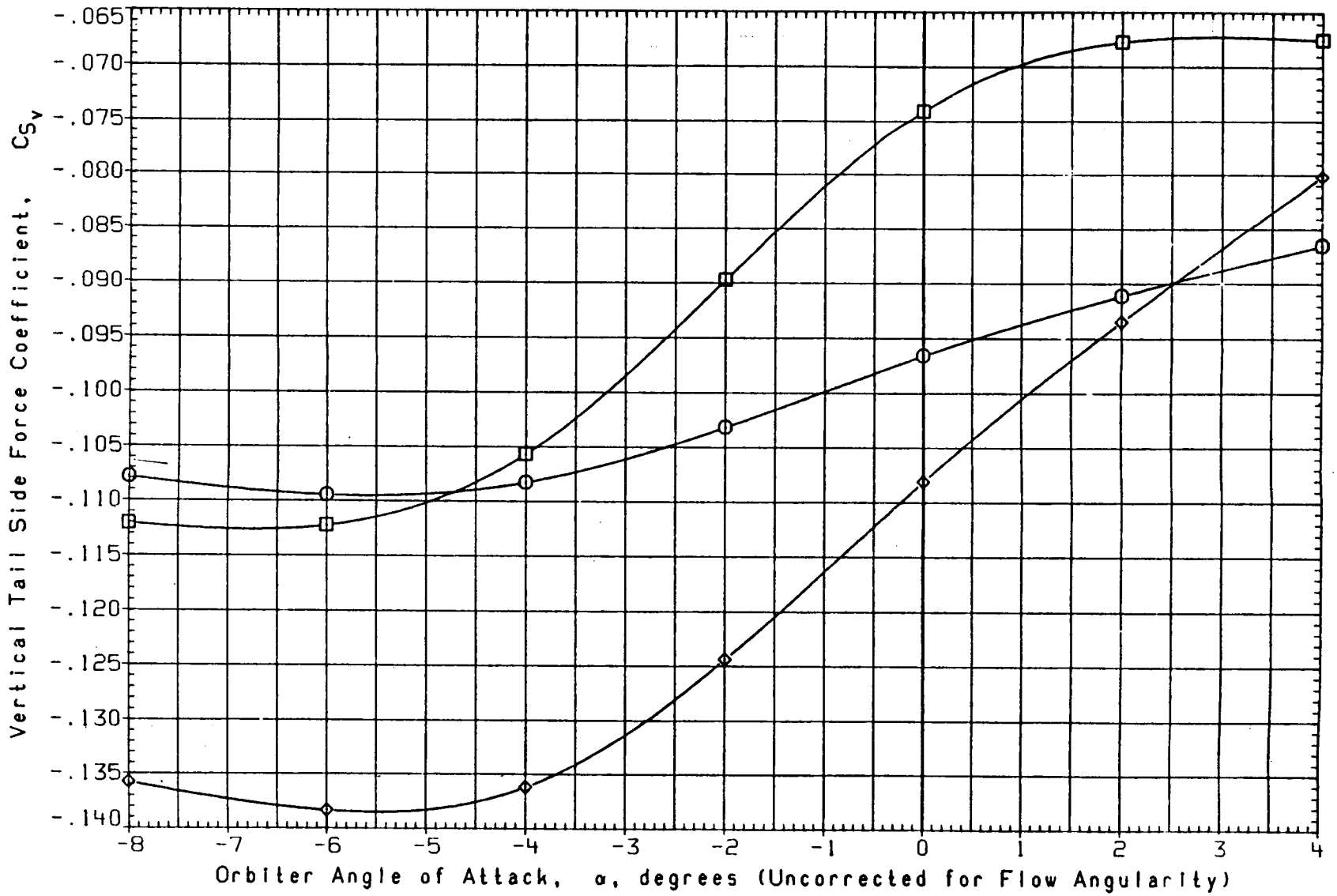


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

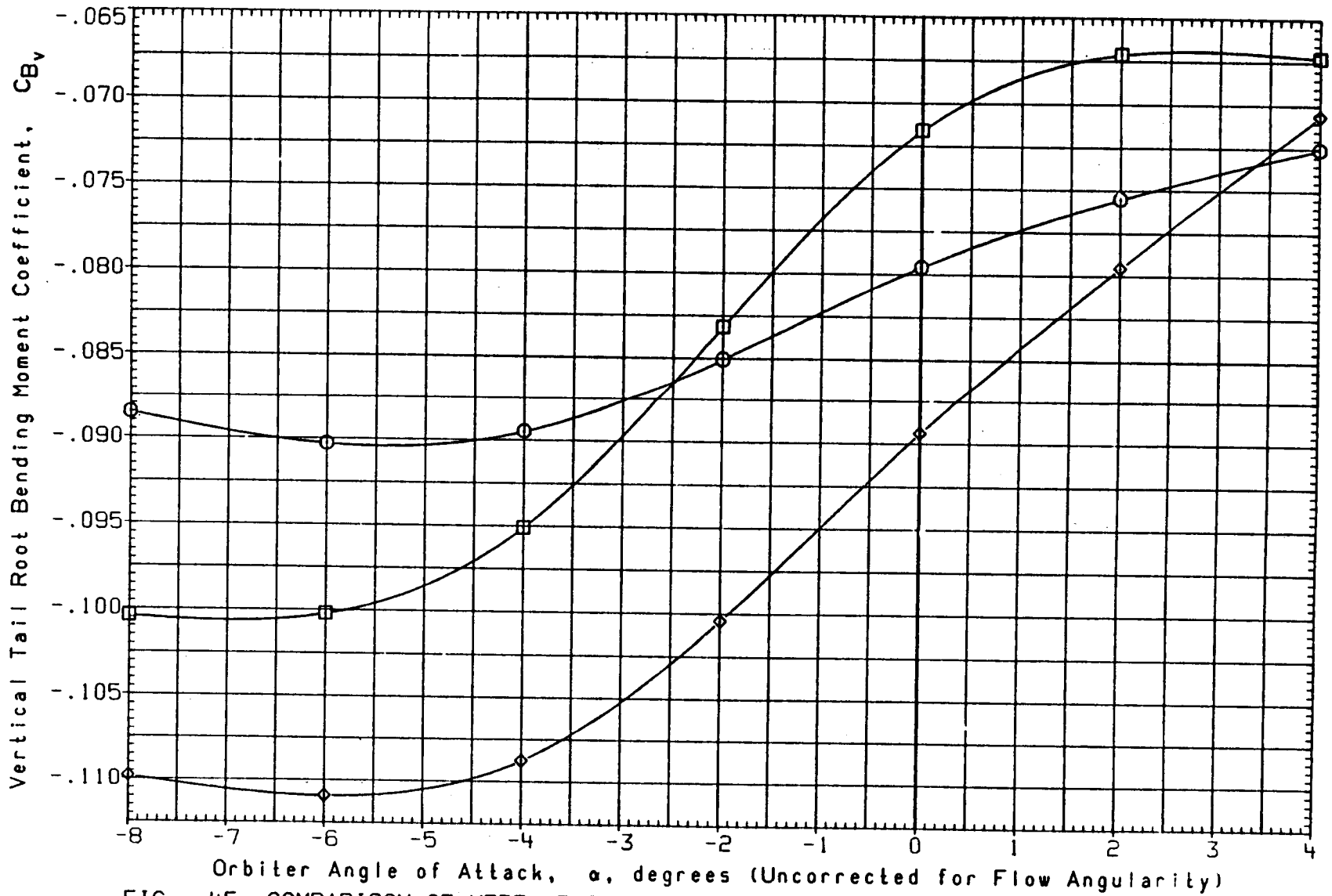


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

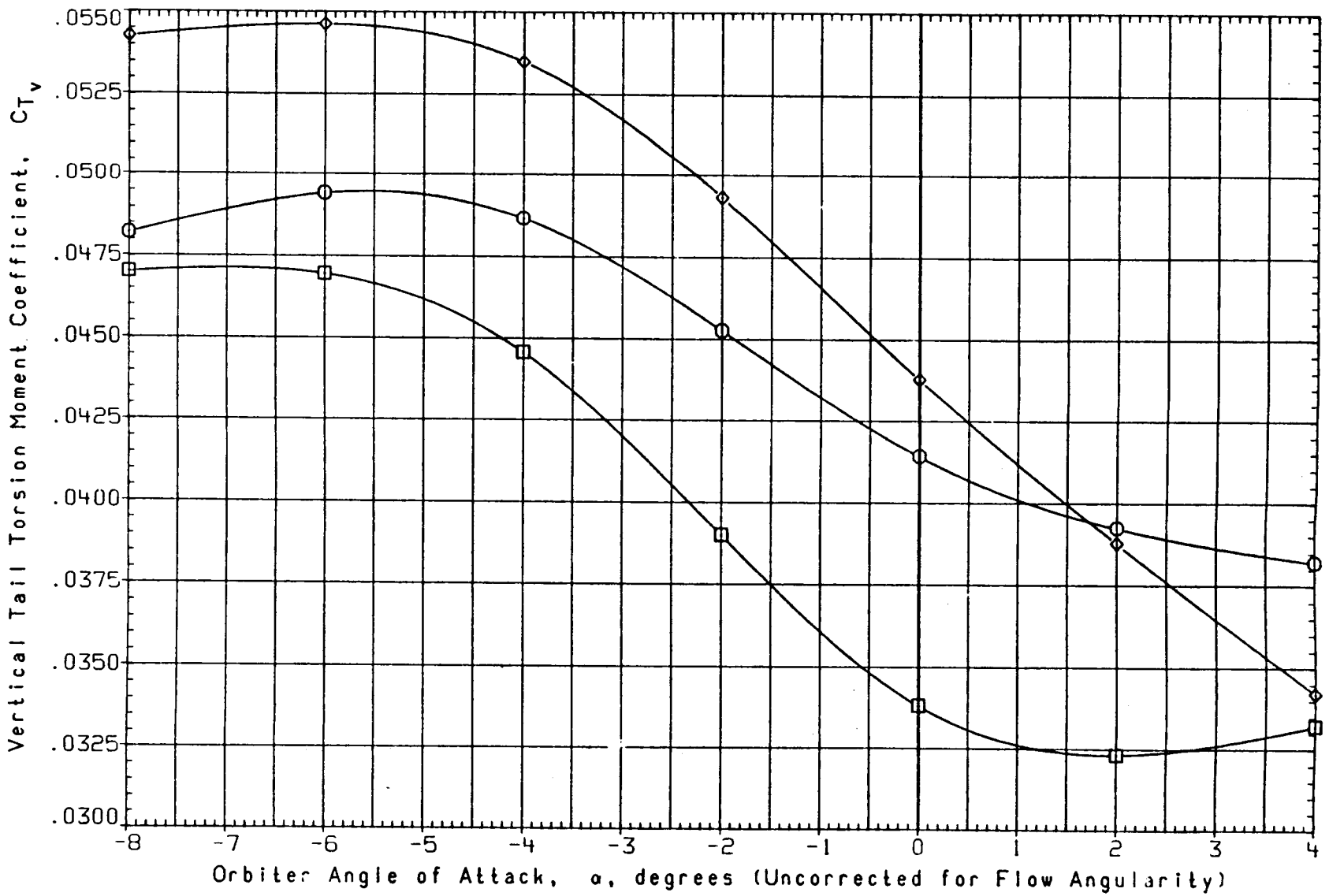


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(E)BETOU = 2.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

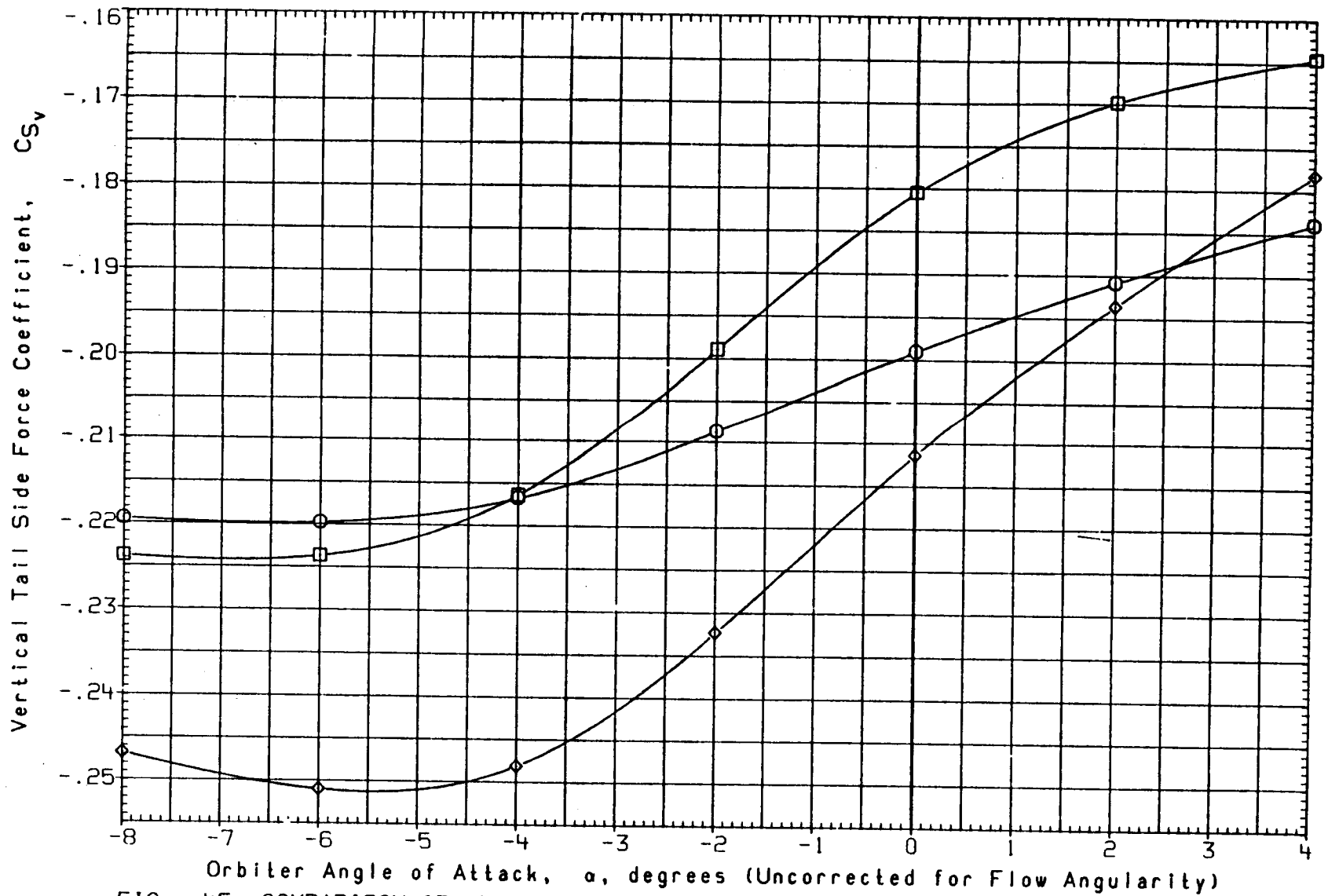


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

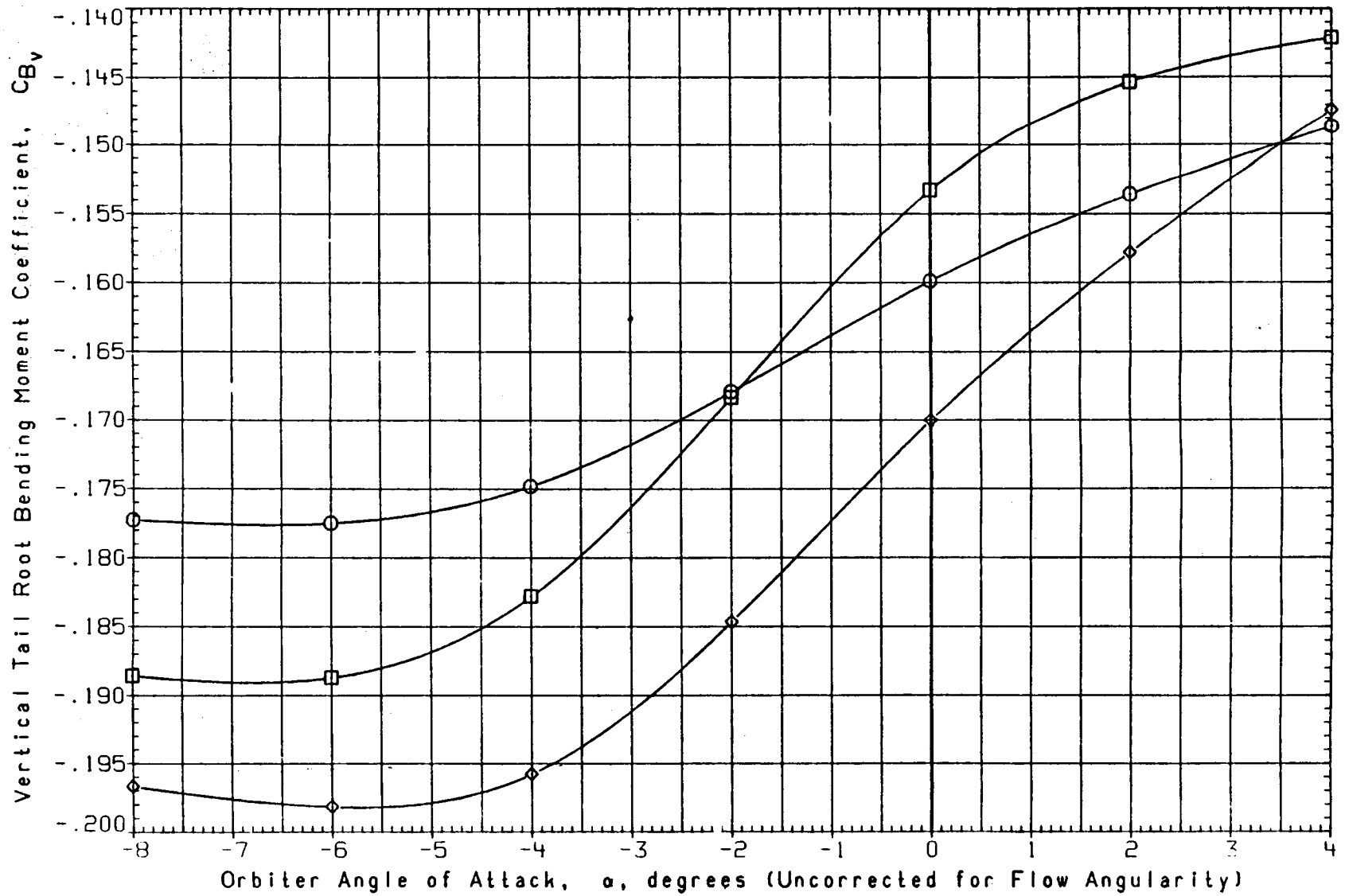


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U80V07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/S_TS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

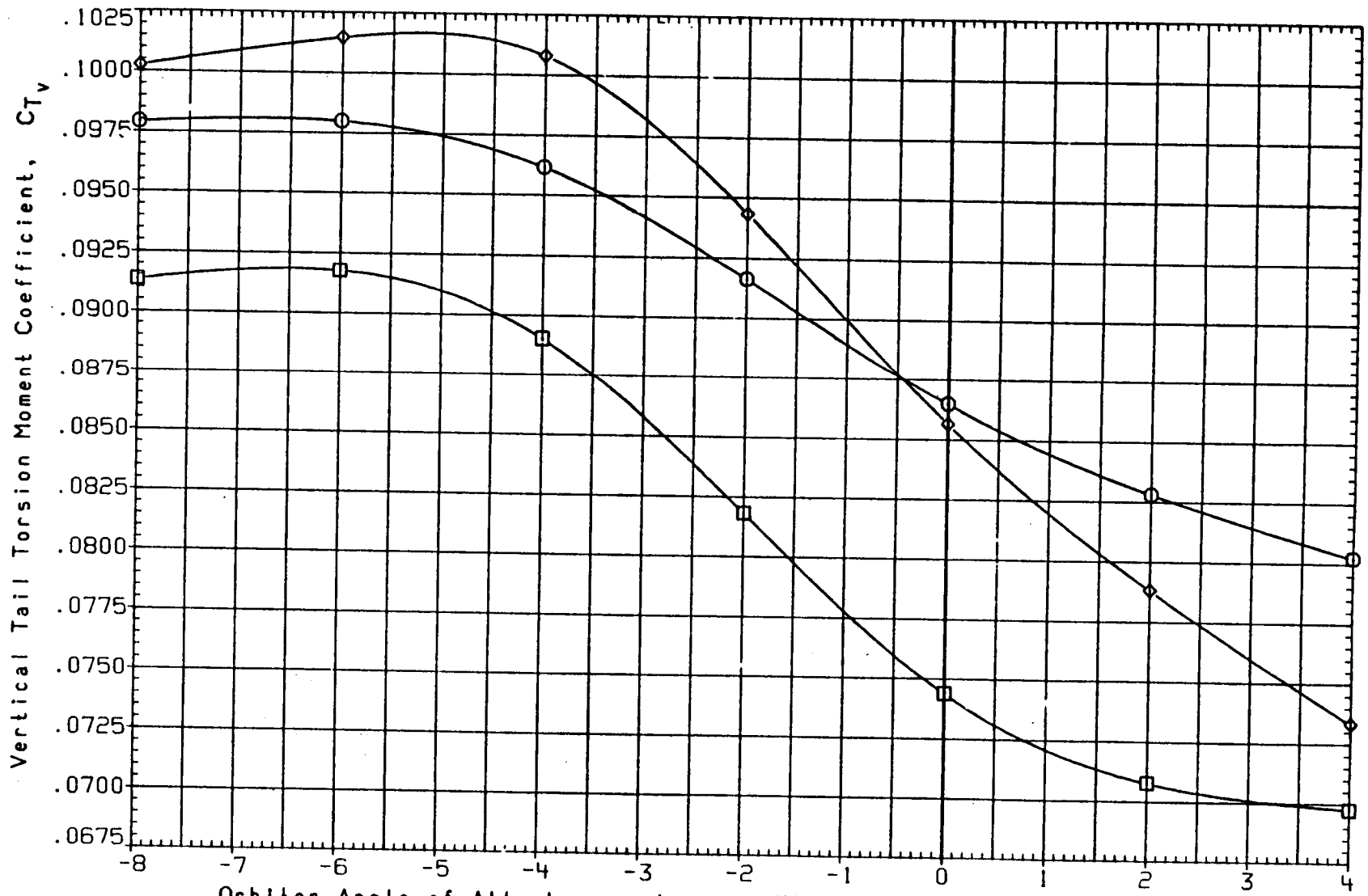


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(F)BETOU = 4.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

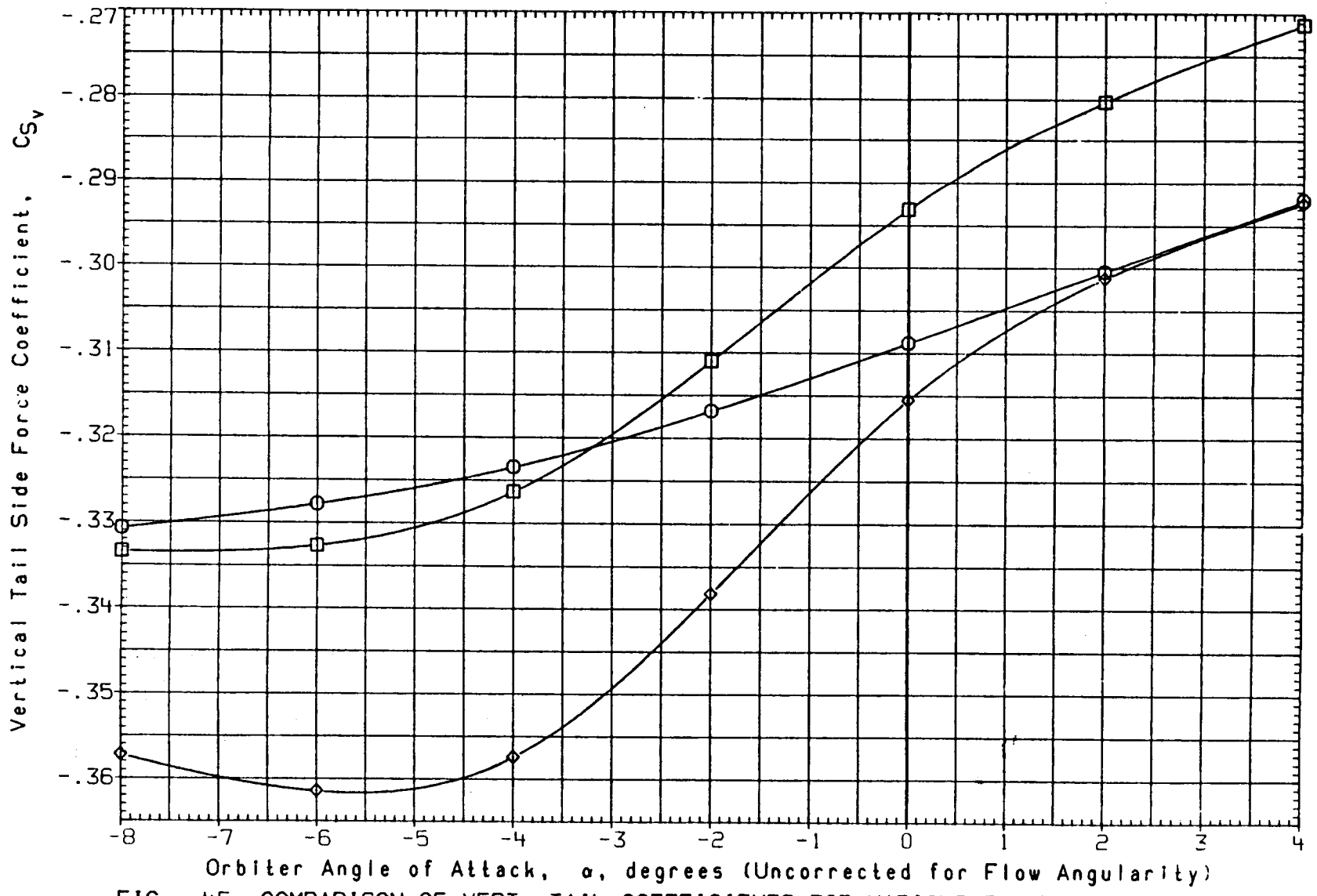


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)EETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8CV07	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

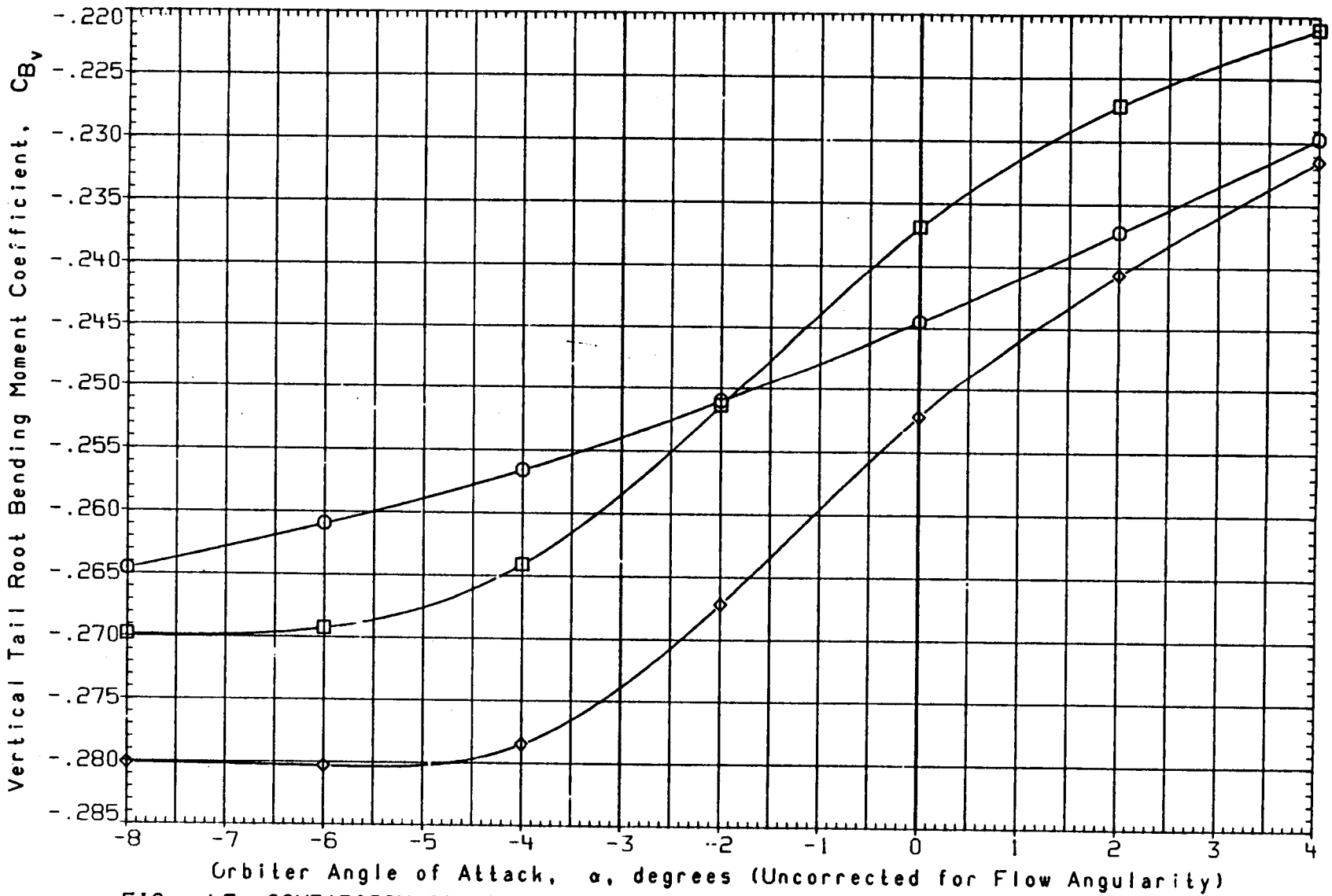


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)BETOU = 6.00

DATA SET	SYMBOL	CONFIGURATION	MACH	IB-ELV	OB-ELV
U8OVG7	○	IA182 ALPHA/BETA UNCOR FOR FLOW ANG OTS	1.550	10.000	5.000
U8MV44	□	IA105A,ALPHA/BETA UNCOR FOR FLOW ANG. WO/SILTS	1.550	10.000	5.000
U8NV51	◇	IA156A,OTS,ALPHA/BETA UNCOR FOR FLOW ANG W/SILTS	1.550	10.000	5.000

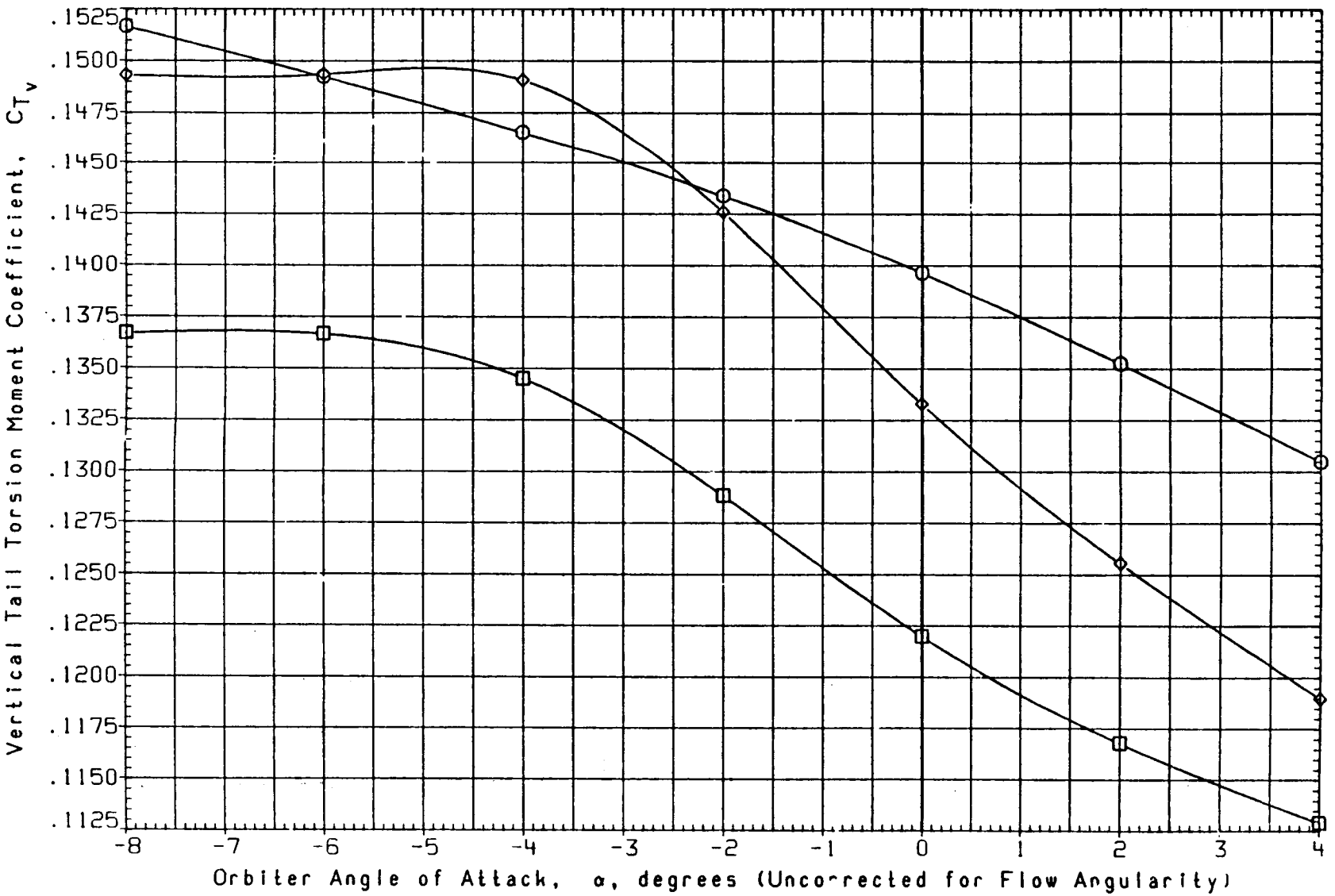


FIG. 45 COMPARISON OF VERT. TAIL COEFFICIENTS FOR VARIOUS TUNNEL ENTRIES
MACH = 1.55, UNCORRECTED DATA

(G)3ETOU = 6.00

APPENDIX

TABULATED SOURCE DATA

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

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IA183.AEDC PWT 16TF-519 O T S (OTS) (R8P101) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-7.890	-7.99350	.28500	.09270	-.42790	-.44840	.13910	.00060	-.00760	-.00010	.00000
.600	-5.911	-6.01390	.28440	.09960	-.30360	-.32360	.09240	.00070	-.00280	-.00230	-.00230
.601	-3.894	-3.99720	.28400	.10480	-.18640	-.20590	.05160	.00060	-.00110	-.00280	-.00270
.599	-1.895	-1.99880	.28400	.10700	-.07900	-.09830	.01340	.00040	.00020	-.00240	-.00230
.600	.069	-.03380	.27960	.10540	.02620	.00710	-.02520	.00070	.00340	-.00390	-.00390
.600	2.115	2.01200	.27010	.09970	.13570	.11640	-.06650	.00090	.00660	-.00600	-.00600
.599	4.086	3.98250	.26480	.09540	.24270	.22380	-.10810	.00090	.00800	-.00610	-.00620
.600	6.092	5.98920	.25810	.08930	.35610	.33750	-.15050	.00080	.00700	-.00520	-.00530
.600	8.127	8.02410	.24950	.08020	.47460	.45610	-.19450	.00100	.00770	-.00540	-.00540
	GRADIENT	.99997	-.00262	-.00131	.05372	.05378	-.01999	.00006	.00123	-.00051	-.00054

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.900	-7.947	-8.00980	.35000	.14430	-.48910	-.51190	.17010	.00340	.00540	-.00790	-.00800
.898	-5.896	-5.95870	.34190	.14540	-.34590	-.36800	.11710	.00340	.00570	-.00830	-.00850
.901	-3.977	-4.04030	.33670	.14740	-.21490	-.23650	.06580	.00310	.00710	-.00870	-.00890
.900	-1.978	-2.04060	.32720	.14660	-.08810	-.10930	.01170	.00300	.01010	-.00950	-.00950
.898	.080	.01710	.32180	.14540	.04200	.02100	-.04930	.00290	.01040	-.00890	-.00890
.899	2.083	2.02000	.32050	.14340	.17470	.15340	-.10730	.00280	.01030	-.00860	-.00850
.900	4.074	4.01120	.31920	.14150	.29860	.27740	-.14690	.00240	.01120	-.00940	-.00920
.900	6.035	5.97240	.31660	.13800	.42370	.40240	-.19430	.00180	.00740	-.00650	-.00650
.900	8.059	7.99600	.31980	.13690	.54200	.52000	-.24420	.00180	.00710	-.00550	-.00550
	GRADIENT	1.00001	-.00207	-.00074	.06397	.06400	-.02701	-.00008	.00042	-.00002	.00002

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.949	-7.962	-8.02510	.38600	.17010	-.50610	-.53050	.17730	.00330	.00200	-.00580	-.00590
.950	-5.967	-6.03010	.38350	.17390	-.36220	-.38590	.12460	.00270	.00360	-.00640	-.00640
.953	-3.889	-3.95260	.38050	.17620	-.22560	-.24890	.07940	.00250	.00540	-.00690	-.00690
.950	-1.941	-2.00380	.37310	.17470	-.10080	-.12360	.03220	.00220	.00660	-.00640	-.00640
.952	.075	.01120	.36780	.17360	.02850	.00550	-.02010	.00210	.00700	-.00620	-.00610
.950	2.072	2.00930	.35980	.16770	.16100	.13830	-.08840	.00200	.00790	-.00620	-.00610
.948	4.089	4.02530	.35500	.16340	.29160	.26870	-.14210	.00200	.00880	-.00660	-.00640
.949	6.060	5.99650	.35390	.15950	.41780	.39430	-.18340	.00210	.00900	-.00730	-.00720
.948	8.033	7.96970	.35430	.15600	.54050	.51670	-.23690	.00200	.00480	-.00190	-.00190
	GRADIENT	1.00000	-.00322	-.00163	.06491	.06496	-.02828	-.00006	.00041	.00004	.00006

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P101) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.100	-7.936	-8.00010	.50190	.24860	-.54770	-.57770	.21560	.00140	-.00680	.00250	.00270
1.099	-5.967	-6.03200	.49600	.24950	-.39370	-.42340	.16010	.00100	-.00450	.00180	.00180
1.102	-3.894	-3.95800	.48870	.25040	-.24170	-.27090	.10440	.00090	-.00010	-.00080	-.00080
1.099	-1.913	-1.97740	.48490	.25140	-.10000	-.12910	.04990	.00050	-.00130	.00090	.00110
1.099	.048	-.01690	.48670	.25430	.03360	.00430	-.00360	.00080	.00100	-.00070	-.00050
1.099	2.047	1.98290	.47970	.25140	.15830	.12890	-.05760	.00070	.00110	-.00020	-.00030
1.100	4.066	4.00190	.47550	.24920	.28890	.25940	-.11310	.00050	.00220	-.00050	-.00050
1.101	6.083	6.01880	.47160	.24650	.41580	.38640	-.17110	.00080	.00310	-.00090	-.00090
1.102	8.041	7.97650	.47170	.24230	.52990	.49960	-.21270	.00130	.00410	-.00070	-.00060
	GRADIENT	1.00000	-.00159	-.00012	.06637	.06632	-.02729	-.00003	.00035	-.00003	-.00004

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-9.272	-9.32540	.50360	.27490	-.65030	-.67760	.25070	.00190	-.00190	.00260	.00270
1.251	-7.062	-7.11580	.49690	.27440	-.46280	-.48970	.17900	.00180	.00100	.00120	.00110
1.251	-4.792	-4.84550	.49320	.27710	-.28240	-.30910	.10670	.00120	.00360	.00030	.00020
1.249	-2.608	-2.66190	.49090	.28080	-.12260	-.14840	.04350	.00100	.00390	.00050	.00050
1.249	-.466	-.52040	.48900	.28300	.02430	-.00090	-.01160	.00120	.00560	-.00080	-.00070
1.249	1.672	1.61810	.48500	.28040	.15230	.12670	-.05970	.00110	.00690	-.00150	-.00150
1.251	3.843	3.78940	.47880	.27740	.28360	.25770	-.11440	.00150	.01260	-.00620	-.00630
1.252	5.928	5.87450	.47560	.27430	.40300	.37710	-.16570	.00140	.01330	-.00580	-.00590
1.250	8.124	8.06990	.47750	.27330	.53060	.50420	-.21100	.00180	.01210	-.00560	-.00550
	GRADIENT	.99999	-.00161	.00001	.06529	.06537	-.02531	.00003	.00097	-.00070	-.00070

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P102) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.601	-8.687	-8.79050	.28340	.08850	-.48080	-.50150	.16000	-.00020	-.01180	.00320	.00330
.601	-4.498	-4.60070	.28300	.10240	-.22300	-.24290	.06420	.00010	-.00240	-.00150	-.00140
.600	-2.483	-2.58620	.28440	.10610	-.11120	-.13070	.02490	.00000	-.00080	-.00190	-.00190
.600	-.305	-.40800	.28060	.10530	.00320	-.01610	-.01610	-.00010	.00020	-.00190	-.00190
.600	1.740	1.63640	.27220	.10000	.11430	.09490	-.05810	.00010	.00320	-.00350	-.00350
.600	3.789	3.68610	.26520	.09550	.22170	.20260	-.09940	.00030	.00730	-.00540	-.00560
.599	7.989	7.88560	.25060	.08020	.46330	.44460	-.18960	.00060	.00540	-.00370	-.00380
	GRADIENT	.99999	-.00230	-.00096	.05361	.05369	-.01972	.00002	.00112	-.00045	-.00048

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.099	-7.899	-7.96330	.50230	.24950	-.54430	-.57420	.21390	.00130	-.00690	.00280	.00300
1.102	-5.927	-5.99140	.49550	.25010	-.39300	-.42250	.15980	.00110	-.00330	.00090	.00090
1.099	-3.895	-3.95940	.48900	.24980	-.24320	-.27250	.10510	.00060	-.00200	.00060	.00050
1.102	-1.958	-2.02270	.48490	.25210	-.10250	-.13150	.04990	.00070	.00080	-.00040	-.00030
1.101	.059	-.00570	.48640	.25450	.03480	.00560	-.00470	.00100	.00260	-.00180	-.00170
1.099	2.060	1.99540	.47960	.25080	.15940	.13000	-.05770	.00060	.00140	-.00030	-.00030
1.098	4.067	4.00230	.47550	.24920	.28860	.25910	-.11300	.00040	.00110	.00040	.00030
1.099	6.029	5.96490	.47130	.24580	.41110	.38160	-.16820	.00060	.00160	-.00010	-.00010
1.099	8.087	8.02250	.47120	.24160	.53090	.50070	-.21220	.00100	.00200	.00030	.00050
	GRADIENT	1.00000	-.00162	-.00013	.06646	.06642	-.02727	-.00003	.00034	-.00001	-.00002

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-9.234	-9.28780	.50380	.27500	-.64720	-.67450	.24950	.00210	-.00130	.00250	.00260
1.250	-6.992	-7.04600	.49730	.27520	-.45690	-.48380	.17630	.00170	.00110	.00130	.00120
1.248	-4.814	-4.86850	.49410	.27740	-.28420	-.31090	.10770	.00090	.00210	.00180	.00170
1.249	-2.661	-2.71490	.49110	.28000	-.12630	-.15230	.04530	.00090	.00320	.00120	.00130
1.251	-.461	-.51520	.48860	.28240	.02560	.00030	-.01230	.00130	.00660	-.00150	-.00140
1.252	1.706	1.65240	.48450	.28040	.15590	.13030	-.06110	.00130	.00790	-.00260	-.00260
1.251	3.786	3.73180	.47920	.27830	.28120	.25550	-.11340	.00150	.01250	-.00600	-.00610
1.250	5.956	5.90140	.47720	.27520	.40530	.37940	-.16670	.00140	.01290	-.00540	-.00540
1.249	8.124	8.07020	.47800	.27300	.53070	.50410	-.21140	.00170	.01210	-.00560	-.00550
	GRADIENT	1.00005	-.00169	.00011	.06554	.06565	-.02544	.00007	.00118	-.00090	-.00090

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P103) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-7.965	-8.01850	.49900	.27430	-.53560	-.56240	.20640	.00200	-.00040	.00150	.00150
1.251	-5.969	-6.02270	.49400	.27500	-.37220	-.39890	.14290	.00130	.00010	.00170	.00160
1.250	-3.908	-3.96160	.49120	.27830	-.21520	-.24140	.08090	.00130	.00260	.00030	.00030
1.249	-1.939	-1.99340	.48870	.28110	-.07490	-.10030	.02570	.00110	.00250	.00080	.00090
1.253	.022	-.03180	.48730	.28210	.05810	.03290	-.02320	.00150	.00650	-.00220	-.00210
1.249	2.053	1.99890	.48200	.27980	.17630	.15090	-.06950	.00140	.00790	-.00310	-.00310
1.253	4.028	3.97400	.47540	.27530	.29490	.26920	-.12040	.00160	.01150	-.00550	-.00550
1.249	6.036	5.98170	.47600	.27510	.41120	.38550	-.16850	.00170	.01240	-.00600	-.00590
1.248	8.041	7.98690	.47740	.27250	.52670	.50010	-.20850	.00210	.01120	-.00500	-.00490
	GRADIENT	1.00003	-.00193	-.00037	.06400	.06405	-.02506	.00005	.00117	-.00078	-.00079

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P104) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.102	-7.906	-7.97040	.50260	.24990	-.54570	-.57580	.21540	.00140	-.00600	.00190	.00200
1.098	-5.953	-6.01770	.49520	.24870	-.39250	-.42220	.16020	.00080	-.00550	.00250	.00250
1.100	-3.954	-4.01860	.48850	.24970	-.24620	-.27550	.10650	.00080	-.00100	.00000	-.00010
1.098	-1.949	-2.01340	.48520	.25120	-.10350	-.13260	.05210	.00050	-.00140	.00110	.00130
1.099	.031	-.03370	.48570	.25320	.03270	.00340	-.00230	.00070	.00000	-.00010	.00010
1.102	2.076	2.01150	.47900	.25190	.16190	.13290	-.05960	.00090	.00380	-.00190	-.00190
1.102	4.045	3.98080	.47560	.25000	.29030	.26100	-.11430	.00070	.00370	-.00170	-.00170
1.100	6.096	6.03160	.47170	.24670	.41710	.38790	-.17150	.00090	.00390	-.00140	-.00140
1.101	8.041	7.97610	.47160	.24310	.53000	.49990	-.21270	.00120	.00260	-.00010	.00000
	GRADIENT	1.00000	-.00160	.00006	.06684	.06684	-.02763	.00001	.00073	-.00032	-.00032

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P104) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.249	-9.234	-9.28770	.50400	.27510	-.64800	-.67520	.25020	.00180	-.00270	.00350	.00360
1.250	-7.018	-7.07200	.49660	.27490	-.45760	-.48450	.17780	.00170	.00120	.00090	.00080
1.251	-4.803	-4.85700	.49270	.27620	-.28190	-.30870	.10760	.00110	.00360	.00060	.00050
1.249	-2.675	-2.72890	.49030	.27950	-.12760	-.15360	.04680	.00100	.00350	.00110	.00120
1.249	-.433	-.48720	.48850	.28280	.02800	.00270	-.01220	.00160	.00760	-.00210	-.00200
1.251	1.658	1.60380	.48400	.28030	.15360	.12800	-.05950	.00160	.00930	-.00320	-.00320
1.252	3.831	3.77720	.47770	.27680	.28370	.25800	-.11440	.00160	.01270	-.00630	-.00640
1.251	5.917	5.86300	.47610	.27420	.40360	.37760	-.16590	.00140	.01280	-.00560	-.00560
1.250	8.126	8.07180	.47770	.27270	.53100	.50440	-.21130	.00170	.01200	-.00540	-.00530
	GRADIENT	1.00002	-.00168	.00010	.06540	.06552	-.02548	.00007	.00111	-.00084	-.00084

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P105) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.098	-7.905	-7.96900	.50340	.25090	-.54510	-.57490	.21450	.00130	-.00630	.00240	.00250
1.100	-5.955	-6.01960	.49550	.24990	-.39380	-.42330	.16060	.00100	-.00380	.00110	.00110
1.102	-3.945	-4.00990	.48790	.24930	-.24530	-.27460	.10630	.00080	-.00040	-.00050	-.00060
1.099	-1.943	-2.00710	.48440	.25100	-.10250	-.13160	.05170	.00040	-.00120	.00110	.00120
1.102	.032	-.03230	.48570	.25400	.03430	.00510	-.00400	.00100	.00280	-.00200	-.00180
1.101	2.078	2.01310	.47930	.25200	.16210	.13300	-.05920	.00080	.00320	-.00160	-.00160
1.100	4.035	3.97050	.47570	.24970	.28970	.26030	-.11350	.00050	.00240	-.00090	-.00100
1.102	6.049	5.98420	.47160	.24680	.41650	.38730	-.17120	.00080	.00340	-.00130	-.00130
1.099	8.090	8.02600	.47120	.24280	.53410	.50410	-.21360	.00100	.00190	-.00010	.00000
	GRADIENT	1.00000	-.00148	.00009	.06679	.06678	-.02755	-.00001	.00050	-.00017	-.00018

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P105) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.249	-9.206	-9.26020	.50400	.27490	-.64460	-.67190	.24930	.00180	-.00290	.00400	.00410
1.249	-7.021	-7.07540	.49680	.27510	-.45730	-.48410	.17770	.00150	.00030	.00170	.00160
1.252	-4.808	-4.86190	.49260	.27670	-.28140	-.30810	.10700	.00130	.00430	-.00010	-.00020
1.251	-2.679	-2.73310	.48990	.27950	-.12520	-.15110	.04530	.00110	.00450	.00010	.00020
1.249	-.469	-.52270	.48810	.28170	.02490	-.00040	-.01100	.00130	.00640	-.00140	-.00130
1.249	1.713	1.65910	.48410	.28000	.15520	.12960	-.06050	.00130	.00800	-.00230	-.00240
1.250	3.802	3.74810	.47820	.27750	.28300	.25740	-.11420	.00150	.01270	-.00620	-.00630
1.251	5.920	5.86570	.47590	.27450	.40510	.37930	-.16670	.00140	.01320	-.00580	-.00590
1.251	8.126	8.07230	.47720	.27280	.53190	.50530	-.21170	.00200	.01290	-.00610	-.00600
	GRADIENT	.99994	-.00160	.00010	.06521	.06532	-.02536	.00003	.00094	-.00067	-.00068

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P106) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-8.073	-7.96920	.28840	.09480	-.45570	-.47610	.14720	.00020	.00850	-.00540	-.00550
.600	-5.971	-5.86790	.28620	.10100	-.32140	-.34130	.09750	-.00010	.00810	-.00520	-.00530
.600	-3.863	-3.76010	.28370	.10500	-.19810	-.21750	.05360	-.00030	.00740	-.00520	-.00520
.600	-1.762	-1.65860	.28270	.10670	-.08010	-.09900	.01200	.00010	.00940	-.00670	-.00680
.601	.280	.38310	.27570	.10340	.02650	.00800	-.02700	.00050	.01160	-.00820	-.00820
.600	2.384	2.48760	.26720	.09650	.13970	.12130	-.07140	.00060	.01420	-.00920	-.00930
.599	4.460	4.56390	.26040	.09140	.25090	.23260	-.11430	.00100	.01730	-.01090	-.01090
.601	6.561	6.66430	.25190	.08310	.37460	.35670	-.16050	.00180	.01780	-.01050	-.01060
.600	8.661	8.76440	.24340	.07400	.49370	.47600	-.20580	.00280	.02110	-.01190	-.01200
	GRADIENT	1.00002	-.00299	-.00180	.05376	.05389	-.02016	.00015	.00118	-.00067	-.00067

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P106) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.899	-8.261	-8.19740	.35530	.14620	-.52200	-.54500	.17800	.00300	.01650	-.01140	-.01140
.899	-6.072	-6.00920	.34550	.14670	-.36290	-.38490	.11900	.00290	.01850	-.01240	-.01240
.899	-3.931	-3.86760	.33710	.14720	-.21640	-.23770	.06240	.00300	.01790	-.01210	-.01230
.901	-1.818	-1.75460	.32640	.14560	-.08370	-.10450	.00710	.00300	.01930	-.01310	-.01320
.901	.330	.39300	.31980	.14260	.04910	.02870	-.05210	.00320	.01990	-.01340	-.01350
.901	2.457	2.52060	.31660	.13950	.18730	.16680	-.11310	.00390	.02300	-.01500	-.01500
.901	4.572	4.63570	.31390	.13730	.32090	.30040	-.15960	.00370	.02350	-.01520	-.01520
.901	6.693	6.75600	.31160	.13340	.44430	.42380	-.20450	.00370	.02190	-.01290	-.01310
.902	8.850	8.91280	.31480	.13190	.57170	.55060	-.25520	.00450	.02630	-.01410	-.01420
	GRADIENT	.99999	-.00264	-.00122	.06323	.06332	-.02651	.00011	.00070	-.00038	-.00036

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.097	-8.425	-8.36040	.50560	.24800	-.59250	-.62250	.22450	.00250	.01670	-.01230	-.01250
1.098	-6.230	-6.16500	.49600	.24690	-.41970	-.44920	.16580	.00210	.01670	-.01270	-.01290
1.098	-4.050	-3.98520	.48660	.24640	-.25700	-.28570	.10600	.00200	.01880	-.01470	-.01500
1.101	-1.859	-1.79460	.48170	.24850	-.10250	-.13100	.04730	.00100	.01520	-.01210	-.01220
1.101	.293	.35740	.48140	.24980	.04320	.01440	-.00990	.00190	.01730	-.01430	-.01440
1.103	2.459	2.52320	.47300	.24550	.17740	.14880	-.06800	.00190	.01750	-.01370	-.01390
1.102	4.587	4.65200	.46800	.24310	.31310	.28460	-.12610	.00260	.01950	-.01480	-.01500
1.102	6.722	6.78630	.46200	.23730	.44080	.41220	-.18240	.00280	.01760	-.01260	-.01260
1.101	8.872	8.93680	.46190	.23210	.56300	.53360	-.22520	.00390	.01990	-.01320	-.01320
	GRADIENT	1.00000	-.00213	-.00044	.06578	.06579	-.02684	.00010	.00017	-.00008	-.00008

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-8.503	-8.44890	.50410	.27670	-.59980	-.62630	.22450	.00240	.01230	-.00910	-.00910
1.251	-6.264	-6.20990	.49830	.27710	-.42560	-.45180	.15830	.00160	.01080	-.00820	-.00840
1.251	-4.015	-3.96060	.49310	.27830	-.24740	-.27340	.08850	.00120	.00940	-.00830	-.00840
1.249	-1.873	-1.81880	.49120	.28060	-.09200	-.11780	.02840	.00120	.00960	-.00950	-.00960
1.249	.301	.35580	.48900	.28250	.05220	.02650	-.02450	.00160	.01090	-.01140	-.01130
1.249	2.474	2.52780	.48350	.27930	.18120	.15550	-.07270	.00130	.01160	-.01180	-.01170
1.250	4.595	4.64910	.47650	.27490	.30270	.27680	-.12560	.00160	.01340	-.01340	-.01350
1.251	6.743	6.79750	.47410	.27210	.42490	.39900	-.17550	.00160	.01470	-.01400	-.01390
1.250	8.897	8.95090	.47520	.26900	.54910	.52220	-.21820	.00310	.01550	-.01470	-.01460
	GRADIENT	1.00002	-.00190	-.00037	.06369	.06370	-.02454	.00004	.00046	-.00058	-.00057

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P107) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.248	-8.473	-8.41850	.50180	.27400	-.59260	-.61910	.22050	.00190	.00840	-.00990	-.00990
1.247	-6.271	-6.21630	.49440	.27250	-.41030	-.43660	.15320	.00170	.00990	-.01080	-.01090
1.249	-4.056	-4.00160	.48830	.27350	-.23810	-.26400	.08530	.00140	.00960	-.01030	-.01050
1.250	-1.855	-1.80100	.48550	.27530	-.08100	-.10690	.02400	.00150	.01010	-.01170	-.01180
1.249	.309	.36340	.48340	.27620	.06280	.03700	-.02780	.00210	.01410	-.01480	-.01470
1.251	2.478	2.53180	.47780	.27380	.18710	.16120	-.07450	.00230	.01630	-.01630	-.01630
1.249	4.604	4.65800	.47150	.26880	.31100	.28490	-.12820	.00270	.01980	-.01910	-.01910
1.251	6.757	6.81080	.47000	.26760	.43240	.40640	-.17680	.00300	.02020	-.01780	-.01780
1.248	8.868	8.92230	.47080	.26350	.55380	.52680	-.21870	.00470	.02420	-.02020	-.02010
	GRADIENT	.99999	-.00191	-.00050	.06312	.06310	-.02427	.00016	.00123	-.00102	-.00100

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P108) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.549	-3.901	-3.83780	.46290	.29180	-.23130	-.25300	.08540	.00050	-.00590	.00230	.00250
1.549	-1.728	-1.66370	.46030	.29310	-.08310	-.10480	.02860	.00040	-.00500	.00170	.00200
1.550	-.629	-.56480	.45990	.29340	-.01100	-.03280	.00290	.00050	-.00310	.00050	.00070
1.550	.470	.53470	.45950	.29340	.06080	.03890	-.02280	.00040	-.00310	.00020	.00030
1.549	2.634	2.69820	.45530	.28960	.19040	.16830	-.07320	.00070	-.00310	-.00010	.00000
1.550	4.785	4.84920	.45350	.28710	.30700	.28590	-.11930	.00070	-.00030	-.00260	-.00250
1.550	5.838	5.90210	.45450	.28790	.36770	.34660	-.14140	.00130	.00170	-.00420	-.00420
	GRADIENT	1.00005	-.00110	-.00062	.06199	.06203	-.02348	.00003	.00058	-.00053	-.00055

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P109) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.550	-6.172	-6.23630	.47430	.29590	-.42420	-.44570	.16100	.00130	.01290	-.00560	-.00570
1.550	-3.979	-4.04280	.46800	.29450	-.25510	-.27650	.09190	.00100	.01280	-.00570	-.00570
1.550	-1.786	-1.85020	.46460	.29440	-.09800	-.11940	.03070	.00100	.01410	-.00720	-.00730
1.550	.409	.34540	.46170	.29430	.04570	.02420	-.01930	.00180	.01680	-.01020	-.01030
1.550	2.595	2.53070	.45590	.29040	.17930	.15780	-.06810	.00260	.01920	-.01220	-.01240
1.549	4.732	4.66860	.44820	.28340	.29620	.27540	-.11640	.00320	.02390	-.01610	-.01630
1.552	5.804	5.73880	.44630	.28100	.35470	.33390	-.13760	.00380	.02580	-.01850	-.01870
	GRADIENT	1.00001	-.00221	-.00120	.06330	.06335	-.02364	.00028	.00125	-.00118	-.00121

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P110) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.600	-6.507	-6.60980	.28210	.09980	.01200	-.00990	-.03180	.03780	.25440	-.11080	-.11280
.600	-4.455	-4.55830	.28180	.10360	.01520	-.00610	-.02910	.02530	.17540	-.07720	-.07870
.600	-.342	-.44540	.27890	.10380	.01470	-.00430	-.02380	.00020	.01960	-.00970	-.00980
.601	3.763	3.65990	.28050	.10390	.02250	.00240	-.02780	-.02280	-.12880	.05490	.05610
.600	5.825	5.72150	.28260	.10190	.02940	.00800	-.03410	-.03570	-.20680	.09010	.09190
	GRADIENT	1.00004	-.00016	.00004	.00089	.00103	.00016	-.00585	-.03702	.01607	.01640

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.900	-6.638	-6.70130	.34410	.15030	.02370	.00030	-.04410	.04220	.28650	-.12580	-.12760
.899	-4.557	-4.62000	.33890	.15160	.02710	.00480	-.04360	.02840	.19980	-.08950	-.09080
.901	-.387	-.44990	.32190	.14380	.03030	.00960	-.04690	.00230	.02960	-.01540	-.01540
.900	3.768	3.70450	.32970	.14590	.03320	.01100	-.04730	-.02300	-.13860	.05770	.05870
.900	5.853	5.78990	.33790	.14790	.03440	.01110	-.04700	-.03720	-.22550	.09590	.09750
	GRADIENT	1.00000	-.00111	-.00069	.00073	.00075	-.00044	-.00617	-.04065	.01768	.01796

IA183.AEDC PWT 16TF-519 O T S (OTS) (R8P110) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.949	-6.657	-6.71990	.38230	.17560	.02140	-.00450	-.03470	.04330	.28660	-.12000	-.12220
.949	-4.576	-4.63960	.37900	.17780	.02140	-.00300	-.02870	.02920	.19700	-.08370	-.08540
.950	-.392	-.45560	.36720	.17240	.01610	-.00670	-.01870	.00260	.02590	-.01250	-.01260
.950	3.784	3.72120	.37390	.17470	.02540	.00160	-.02680	-.02480	-.14430	.06130	.06260
.950	5.869	5.80580	.37910	.17480	.03250	.00710	-.03280	-.03880	-.22890	.09610	.09820
	GRADIENT	1.00000	-.00061	-.00037	.00048	.00055	.00023	-.00646	-.04082	.01734	.01770

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.101	-6.691	-6.75500	.49330	.25410	.01560	-.01570	-.01140	.05140	.29330	-.12200	-.12420
1.098	-4.587	-4.65200	.48670	.25300	.01340	-.01673	-.00350	.03560	.20250	-.08760	-.08940
1.097	-.387	-.45160	.48260	.24950	.00780	-.02170	.00840	.00330	.02820	-.01520	-.01530
1.099	3.794	3.72910	.48680	.25280	.01860	-.01040	-.00090	-.02850	-.14650	.06170	.06330
1.101	5.897	5.83310	.49120	.25680	.02680	-.00310	-.00990	-.04390	-.23530	.09820	.10030
	GRADIENT	1.00002	.00001	-.00002	.00062	.00075	.00031	-.00765	-.04164	.01781	.01822

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.148	-6.703	-6.76580	.49340	.26480	.01860	-.01210	-.01610	.05180	.29680	-.12590	-.12810
1.152	-4.591	-4.65360	.49080	.26750	.02070	-.00880	-.01200	.03560	.20430	-.09020	-.09170
1.151	-.388	-.45110	.48760	.26630	.02070	-.00710	-.00670	.00310	.02700	-.01450	-.01460
1.148	3.798	3.73520	.48860	.26720	.02530	-.00230	-.01120	-.02880	-.14860	.06390	.06550
1.149	5.899	5.83600	.48970	.26750	.02560	-.00200	-.01470	-.04390	-.23620	.09900	.10120
	GRADIENT	1.00000	-.00026	-.00004	.00055	.00077	.00010	-.00768	-.04207	.01837	.01874

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.247	-6.714	-6.76830	.49590	.28020	.02580	-.00280	-.01200	.05020	.29490	-.12560	-.12760
1.251	-4.606	-4.65950	.49240	.28050	.03260	.00470	-.01180	.03420	.20100	-.08800	-.08940
1.251	-.399	-.45290	.48930	.28000	.03690	.01040	-.00880	.00300	.02630	-.01460	-.01470
1.252	3.796	3.74190	.49110	.28130	.03970	.01350	-.01170	-.02720	-.14380	.05920	.06070
1.249	5.899	5.84530	.49090	.28140	.03980	.01360	-.01450	-.04220	-.23220	.09560	.09760
	GRADIENT	1.00001	-.00016	.00010	.00085	.00105	.00001	-.00731	-.04104	.01752	.01787

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P111) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-6.510	-6.61300	.28360	.10130	.00620	-.01550	-.02830	.03830	.25250	-.11010	-.11220
.600	-4.431	-4.53440	.28320	.10460	.00940	-.01160	-.02580	.02570	.17300	-.07650	-.07810
.600	-2.384	-2.48670	.28320	.10600	.01290	-.00660	-.02510	.01280	.09480	-.04290	-.04370
.600	-.330	-.43300	.28070	.10500	.01120	-.00780	-.02140	.00070	.01710	-.00920	-.00940
.600	1.727	1.62410	.27980	.10430	.01570	-.00360	-.02260	-.01000	-.05450	.02120	.02180
.600	3.780	3.67720	.28200	.10450	.02140	.00120	-.02670	-.02250	-.13050	.05320	.05640
.600	5.829	5.72600	.28330	.10230	.02880	.00750	-.03210	-.03560	-.20850	.09050	.09230
	GRADIENT	1.00000	-.00028	-.00009	.00131	.00139	.00003	-.00580	-.03683	.01595	.01629

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.900	-6.642	-6.70480	.34330	.14960	.01460	-.00880	-.03780	.04380	.28790	-.12780	-.12970
.900	-4.554	-4.61740	.33750	.15090	.01990	-.00240	-.03890	.03030	.20070	-.09090	-.09220
.900	-2.463	-2.52600	.32790	.14800	.02180	.00040	-.04170	.01570	.11060	-.05050	-.05110
.899	-.397	-.45970	.32130	.14330	.02470	.00420	-.04340	.00370	.02850	-.01580	-.01590
.899	1.684	1.62100	.32270	.14360	.02710	.00640	-.04400	-.00780	-.05380	.01920	.01950
.899	3.770	3.70710	.32990	.14620	.03150	.00930	-.04510	-.02150	-.13840	.05680	.05770
.900	5.847	5.78360	.33720	.14780	.03150	.00810	-.04480	-.03580	-.22570	.09530	.09700
	GRADIENT	1.00001	-.00098	-.00066	.00137	.00141	-.00071	-.00611	-.04052	.01756	.01781

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8PI12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-5.840	-5.73680	.28390	.10580	.01170	-.00910	-.02690	.03880	.23530	-.10280	-.10480
.599	-3.778	-3.67470	.28270	.10870	.01450	-.00550	-.02480	.02540	.15210	-.06720	-.06870
.599	-1.715	-1.61120	.28240	.10830	.01760	-.00130	-.02500	.01210	.07000	-.03200	-.03270
.600	.326	.42990	.27910	.10710	.01580	-.00260	-.02160	.00050	-.00690	.00050	.00050
.600	2.380	2.48390	.27730	.10660	.02070	.00150	-.02390	-.01090	-.08190	.03230	.03300
.599	4.432	4.53550	.27830	.10560	.03240	.01250	-.03130	-.02420	-.16220	.06870	.07010
.601	6.502	6.60440	.27790	.10280	.04360	.02340	-.03860	-.03760	-.24200	.10490	.10680
	GRADIENT	1.00000	-.00068	-.00039	.00190	.00189	-.00058	-.00596	-.03804	.01638	.01673

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.899	-5.880	-5.81680	.34410	.15420	.03060	.00730	-.04520	.04300	.26540	-.11860	-.12020
.899	-3.803	-3.74040	.33560	.15340	.03170	.00920	-.04680	.02760	.17080	-.07660	-.07770
.899	-1.717	-1.65350	.32560	.14890	.03120	.01000	-.04480	.01350	.08060	-.03760	-.03810
.900	.380	.44340	.32120	.14560	.03270	.01210	-.04510	.00160	-.00300	-.00300	-.00300
.901	2.454	2.51700	.32480	.14660	.03850	.01760	-.04710	-.01070	-.08820	.03310	.03350
.901	4.527	4.59010	.33300	.14910	.04580	.02310	-.04920	-.02580	-.17830	.07430	.07540
.900	6.628	6.69120	.33880	.14880	.05250	.02870	-.05190	-.04010	-.26740	.11360	.11540
	GRADIENT	1.00001	-.00029	-.00052	.00170	.00170	-.00034	-.00629	-.04162	.01788	.01814

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.097	-5.931	-5.86630	.49060	.25700	.03540	.00640	-.02100	.04900	.26440	-.11020	-.11230
1.098	-3.814	-3.74890	.48540	.25660	.03370	.00580	-.01490	.03300	.17320	-.07610	-.07760
1.100	-1.718	-1.65310	.48460	.25700	.03170	.00380	-.00940	.01590	.08190	-.03790	-.03860
1.102	.374	.43900	.48640	.25600	.03230	.00360	-.00710	.00000	-.00680	-.00040	-.00020
1.100	2.493	2.55780	.48290	.25550	.03940	.01150	-.01230	-.01660	-.09810	.04010	.04120
1.103	4.562	4.62710	.48770	.25880	.04590	.01780	-.01680	-.03320	-.18800	.07920	.08090
1.098	6.671	6.73620	.48730	.25520	.06150	.03260	-.02900	-.04860	-.27640	.11320	.11550
	GRADIENT	1.00000	.00014	.00014	.00153	.00151	-.00032	-.00787	-.04305	.01854	.01893

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P112) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOU	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.248	-5.933	-5.87840	.49490	.28410	.03140	.00490	-.02290	.04760	.26510	-.11220	-.11400
1.249	-3.826	-3.77160	.49160	.28450	.03590	.01010	-.02200	.03170	.17160	-.07360	-.07490
1.250	-1.703	-1.64900	.48900	.28290	.03980	.01430	-.02140	.01500	.07880	-.03480	-.03540
1.250	.384	.43790	.48670	.28260	.04170	.01660	-.02000	.00000	-.00700	.00100	.00120
1.252	2.498	2.55170	.48840	.28470	.04330	.01790	-.02010	-.01520	-.09450	.03880	.03980
1.251	4.577	4.63140	.48930	.28540	.04960	.02460	-.02500	-.03060	-.18180	.07550	.07710
1.250	6.693	6.74760	.48950	.28270	.05660	.03060	-.03070	-.04620	-.27540	.11350	.11560
	GRADIENT	.99996	-.00025	.00017	.00147	.00155	-.00022	-.00737	-.04190	.01770	.01805

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P113) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.896	-5.832	.60030	.28840	.08970	-.42530	-.44850	.12530	.02560	.22040	-.09670	-.09850
-7.925	-3.836	.60110	.28900	.09240	-.42790	-.45060	.13140	.01680	.14290	-.06380	-.06480
-7.893	.057	.59980	.28630	.09330	-.43940	-.46000	.14660	.00170	-.00120	-.00340	-.00340
-7.839	4.000	.59980	.28930	.09440	-.41290	-.43490	.13020	-.01710	-.15590	.06530	.06630
-7.855	6.011	.60030	.28780	.09210	-.40390	-.42670	.12370	-.02750	-.23520	.10030	.10210
	GRADIENT	-.00017	.00004	.00026	.00192	.00201	-.00016	-.00433	-.03813	.01648	.01673

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.969	-5.880	.59970	.28980	.10100	-.19190	-.21470	.04080	.03040	.22510	-.09840	-.10040
-3.947	-3.907	.60030	.28920	.10370	-.19170	-.21380	.04560	.01990	.14870	-.06690	-.06820
-3.864	.062	.59990	.28600	.10500	-.19820	-.21800	.05910	.00170	.00470	-.00610	-.00600
-3.824	3.945	.59970	.28760	.10560	-.19190	-.21310	.05540	-.01970	-.14650	.06030	.06150
-3.813	5.894	.60020	.28690	.10350	-.18190	-.20380	.04980	-.03160	-.22320	.09450	.09640
	GRADIENT	-.00008	-.00021	.00024	-.00003	.00008	.00126	-.00504	-.03759	.01620	.01651

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8PI13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.133	-6.507	.60020	.28210	.09980	.01200	-.00990	-.03180	.03780	.25440	-.11080	-.11280
-.113	-4.455	.60010	.28180	.10360	.01520	-.00610	-.02910	.02530	.17540	-.07720	-.07870
-.086	-.342	.60040	.27890	.10380	.01470	-.00430	-.02380	.00020	.01960	-.00970	-.00980
-.067	3.763	.60090	.28050	.10390	.02250	.00240	-.02780	-.02280	-.12880	.05490	.05610
-.065	5.825	.60000	.28260	.10190	.02940	.00800	-.03410	-.03570	-.20680	.09010	.09190
	GRADIENT	.00010	-.00016	.00004	.00089	.00103	.00016	-.00585	-.03702	.01607	.01640

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.167	-6.004	.60000	.27020	.09530	.23760	.21690	-.11120	.04390	.24030	-.10550	-.10700
4.146	-4.006	.59980	.26890	.09770	.23480	.21520	-.10700	.02920	.16060	-.07120	-.07240
4.163	.063	.60070	.26550	.09520	.23560	.21650	-.10210	.00210	.01220	-.00910	-.00930
4.082	4.092	.60010	.26660	.09470	.24750	.22810	-.11440	-.02580	-.13370	.05430	.05530
4.043	6.076	.59910	.26900	.09220	.25380	.23330	-.12110	-.04020	-.20970	.08960	.09110
	GRADIENT	.00004	-.00028	-.00037	.00157	.00159	-.00091	-.00679	-.03635	.01550	.01577

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8PI14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.963	-5.929	.59950	.28600	.08900	-.42270	-.44560	.12200	.02600	.22760	-.09900	-.10080
-7.865	-3.825	.60060	.28760	.09180	-.41890	-.44050	.12520	.01720	.14640	-.06590	-.06670
-7.887	.047	.59950	.28450	.09300	-.43730	-.45760	.14410	.00180	-.00090	-.00330	-.00330
-7.799	4.055	.59990	.28710	.09430	-.40600	-.42780	.12590	-.01750	-.15940	.06700	.06810
-7.855	5.972	.60020	.28550	.09170	-.39940	-.42200	.11980	-.02750	-.23630	.10120	.10310
	GRADIENT	-.00009	-.00006	.00032	.00167	.00165	.00006	-.00441	-.03881	.01687	.01711

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P114) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.973	-5.870	.59930	.28720	.10090	-.18500	-.20760	.03640	.03010	.22510	-.09780	-.09970
-3.896	-3.860	.59900	.28690	.10340	-.18230	-.20420	.04000	.01940	.14660	-.06550	-.06670
-3.913	.055	.60010	.28260	.10460	-.19460	-.21410	.05550	.00140	.00390	-.00510	-.00500
-3.829	3.943	.60020	.28400	.10480	-.18090	-.20180	.04910	-.02030	-.14970	.06250	.06370
-3.828	5.914	.59900	.28450	.10320	-.17660	-.19820	.04530	-.03220	-.22760	.09700	.09890
	GRADIENT	.00015	-.00037	.00018	.00018	.00030	.00117	-.00509	-.03797	.01640	.01671

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.133	-6.507	.60020	.28210	.09980	.01200	-.00990	-.03180	.03780	.25440	-.11080	-.11280
-.113	-4.455	.60010	.28180	.10360	.01520	-.00610	-.02910	.02530	.17540	-.07720	-.07870
-.086	-.342	.60040	.27890	.10380	.01470	-.00430	-.02380	.00020	.01960	-.00970	-.00980
-.067	3.763	.60090	.28050	.10390	.02250	.00240	-.02780	-.02280	-.12880	.05490	.05610
-.065	5.825	.60000	.28260	.10190	.02940	.00800	-.03410	-.03570	-.20680	.09010	.09190
	GRADIENT	.00010	-.00016	.00004	.00089	.00103	.00016	-.00585	-.03702	.01607	.01640

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.176	-5.987	.60050	.26730	.09510	.24760	.22720	-.11740	.04290	.23580	-.10250	-.10390
4.164	-4.033	.60270	.26610	.09680	.24380	.22420	-.11280	.02890	.15830	-.06910	-.07030
4.143	.054	.59930	.26360	.09570	.24030	.22150	-.10630	.00150	.01020	-.00730	-.00740
4.078	4.103	.59980	.26400	.09460	.25460	.23540	-.11930	-.02630	-.13500	.05550	.05660
4.069	6.114	.59870	.26670	.09210	.26390	.24350	-.12730	-.04130	-.21350	.09200	.09360
	GRADIENT	-.00036	-.00026	-.00027	.00132	.00137	-.00080	-.00678	-.03605	.01532	.01560

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P115) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.977	-5.848	.89940	.35350	.14410	-.47590	-.50140	.14760	.02890	.26560	-.11950	-.12130
-7.941	-3.825	.89930	.35420	.14770	-.47740	-.50210	.15540	.01800	.17370	-.07970	-.08050
-7.916	.077	.90070	.35050	.14490	-.48850	-.51110	.16990	.00270	.00300	-.00540	-.00540
-7.880	4.019	.90070	.35090	.14680	-.45810	-.48290	.14970	-.01870	-.17970	.07670	.07750
-7.857	6.024	.89930	.35110	.14470	-.44750	-.47290	14070	-.03130	-.27200	.11750	.11920
	GRADIENT	.00018	-.00042	-.00011	.00247	.00246	-.00073	-.00468	-.04506	.01994	.02014

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-4.030	-5.941	.89970	.34810	.15010	-.20860	-.23270	.04650	.03250	.25670	-.11300	-.11500
-3.980	-3.924	.89960	.34530	.15250	-.20490	-.22820	.05060	.02080	.17100	-.07720	-.07830
-3.921	.073	.90040	.33570	.14750	-.21170	-.23300	.06400	.00170	.00780	-.00760	-.00770
-3.858	3.999	.89950	.34140	.15150	-.19340	-.21720	.05250	-.02210	-.16330	.06770	.06860
-3.826	5.937	.90020	.34370	.15040	-.18570	-.21060	.04730	-.03540	-.24930	.10550	.10730
	GRADIENT	-.00001	-.00050	-.00013	.00144	.00138	.00025	-.00541	-.04219	.01829	.01854

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.193	-6.638	.89980	.34410	.15030	.02370	.00030	-.04410	.04220	.28650	-.12580	-.12760
-.168	-4.557	.89930	.33890	.15160	.02710	.00480	-.04360	.02640	.19980	-.08950	-.09080
-.137	-.387	.90070	.32190	.14380	.03030	.00960	-.04690	.00230	.02960	-.01540	-.01540
-.125	3.768	.90040	.32970	.14590	.03320	.01100	-.04730	-.02300	-.13860	.05770	.05870
-.126	5.853	.90010	.33790	.14790	.03440	.01110	-.04700	-.03720	-.22550	.09590	.09750
	GRADIENT	.00013	-.00111	-.00069	.00073	.00075	-.00044	-.00617	-.04065	.01768	.01796

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.168	-5.967	.89930	.33530	.14690	.29930	.27680	-.15130	.04260	.25120	-.10750	-.10900
4.132	-3.961	.90010	.33150	.14670	.30020	.27890	-.15060	.02920	.17160	-.07480	-.07590
4.099	.072	.89990	.31890	.14180	.30120	.28010	-.14820	.00190	.00990	-.00800	-.00780
4.028	4.069	.89900	.32430	.14230	.30190	.27980	-.15180	-.02650	-.14950	.06140	.06240
3.995	6.030	.90000	.33140	.14280	.29890	.27510	-.15200	-.04030	-.23060	.09620	.09780
	GRADIENT	-.00014	-.00090	-.00055	.00021	.00011	-.00015	-.00694	-.03999	.01696	.01722

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P116) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-8.041	-5.891	.94920	.39110	.17080	-.50550	-.53320	.16260	.03130	.28190	-.12590	-.12770
-7.979	-3.871	.95080	.39130	.17480	-.50600	-.53240	.17010	.01960	.18100	-.08100	-.08190
-7.923	.111	.94950	.38640	.17140	-.50720	-.53160	.17850	.00300	.00170	-.00470	-.00470
-7.836	4.075	.94900	.38850	.17340	-.48360	-.50980	.16410	-.01930	-.18870	.08130	.08200
-7.812	6.056	.94930	.38880	.17080	-.47140	-.49880	.15400	-.03230	-.28370	.12440	.12610
	GRADIENT	-.00023	-.00035	-.00018	.00282	.00284	-.00075	-.00490	-.04653	.02043	.02063

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-4.045	-5.874	.95010	.38830	.17760	-.22140	-.24820	.05840	.03410	.26380	-.11480	-.11670
-4.065	-3.949	.94950	.38540	.17880	-.22560	-.25070	.06600	.02150	.17610	-.07690	-.07790
-3.959	.128	.94890	.37730	.17460	-.23160	-.25460	.08150	.00220	.00580	-.00640	-.00630
-3.808	4.023	.94990	.38270	.17920	-.21120	-.23640	.06900	-.02240	-.16990	.07100	.07200
-3.797	5.989	.95020	.38520	.17700	-.20120	-.22770	.06040	-.03620	-.25970	.10990	.11180
	GRADIENT	.00005	-.00035	.00004	.00178	.00177	.00040	-.00550	-.04339	.01854	.01879

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.246	-6.657	.94940	.38230	.17560	.02140	-.00450	-.03470	.04330	.28660	-.12000	-.12220
-.222	-4.576	.94940	.37900	.17780	.02140	-.00300	-.02870	.02920	.19700	-.08370	-.08540
-.195	-.392	.94950	.36720	.17240	.01610	-.00670	-.01870	.00260	.02590	-.01250	-.01260
-.186	3.784	.94980	.37390	.17470	.02540	.00160	-.02680	-.02480	-.14430	.06130	.06260
-.186	5.869	.94950	.37910	.17480	.03250	.00710	-.03280	-.03880	-.22890	.09610	.09820
	GRADIENT	.00005	-.00061	-.00037	.00048	.00055	.00023	-.00646	-.04082	.01734	.01770

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.189	-5.916	.94830	.37150	.17030	.29470	.27110	-.14410	.04240	.24730	-.10030	-.10200
4.143	-3.897	.95100	.36880	.17120	.28950	.26710	-.14190	.02730	.16270	-.06480	-.06600
4.129	.123	.95090	.35670	.16470	.29270	.26950	-.14050	.00130	.00720	-.00490	-.00460
3.986	4.112	.94920	.36280	.16610	.29360	.27010	-.13930	-.02560	-.14820	.05830	.05970
3.951	6.049	.94990	.37140	.16770	.28960	.26410	-.13460	-.03990	-.22890	.09230	.09440
	GRADIENT	-.00022	-.00075	-.00064	.00051	.00037	.00032	-.00661	-.03882	.01537	.01569

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P117) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-8.066	-5.885	1.09900	.50500	.24680	-.55320	-.58640	.20310	.03420	.28840	-.12390	-.12610
-7.985	-3.816	1.09880	.50460	.25030	-.54760	-.57990	.20690	.02130	.18100	-.07710	-.07850
-7.892	.189	1.09750	.49970	.24780	-.54900	-.57900	.21610	.00180	-.00490	.00050	.00070
-7.821	4.095	1.09760	.50030	.24780	-.53080	-.56120	.20390	-.02060	-.19280	.08110	.08250
-7.789	6.119	1.09740	.49770	.24490	-.51360	-.54450	.18960	-.03430	-.29330	.12480	.12710
	GRADIENT	-.00015	-.00055	-.00032	.00211	.00235	-.00037	-.00529	-.04725	.01999	.02035

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-4.117	-5.871	1.10050	.49750	.25160	-.23680	-.26950	.07880	.03980	.26440	-.11050	-.11270
-4.067	-3.871	1.10020	.49320	.25210	-.23960	-.27140	.08860	.02580	.17410	-.07450	-.07580
-3.907	.178	1.10090	.48660	.24900	-.24500	-.27420	.10470	.00130	.00070	-.00180	-.00190
-3.775	4.048	1.09870	.49020	.25290	-.22140	-.25030	.08620	-.02600	-.17330	.07170	.07310
-3.742	6.025	1.09740	.49130	.25200	-.20720	-.23700	.07470	-.04070	-.26410	.10900	.11120
	GRADIENT	-.00019	-.00039	.00009	.00227	.00264	-.00027	-.00654	-.04386	.01846	.01880

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.333	-6.691	1.10120	.49330	.25410	.01560	-.01570	-.01140	.05140	.29330	-.12200	-.12420
-.310	-4.587	1.09850	.48670	.25300	.01340	-.01670	-.00350	.03560	.20250	-.08760	-.08940
-.279	-.387	1.09750	.48260	.24950	.00780	-.02170	.00840	.00330	.02820	-.01520	-.01530
-.262	3.794	1.09880	.48680	.25280	.01860	-.01040	-.00090	-.02850	-.14650	.06170	.06330
-.261	5.897	1.10120	.49120	.25680	.02680	-.00310	-.00990	-.04390	-.23530	.09820	.10030
	GRADIENT	.00004	.00001	-.00002	.00062	.00075	.00031	-.00765	-.04164	.01781	.01822

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.228	-5.914	1.10090	.47960	.25160	.30140	.27300	-.12660	.04870	.25360	-.10480	-.10620
4.228	-3.911	1.10010	.47790	.25210	.29860	.27020	-.12450	.03260	.17100	-.07210	-.07300
4.113	.179	1.10170	.47460	.24970	.28970	.26050	-.11410	.00070	.00470	-.00350	-.00360
3.966	4.159	1.09740	.47770	.24610	.28730	.25790	-.11800	-.03010	-.15480	.06250	.06360
3.917	6.091	1.09840	.48080	.24630	.29370	.26350	-.12390	-.04630	-.23600	.09540	.09710
	GRADIENT	-.00033	-.00003	-.00074	-.00140	-.00153	.00081	-.00777	-.04037	.01668	.01693

IA183.AEDC PWT 16TF-519 O T S (OTS) (R8P118) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-8.019	-5.788	1.14910	.50440	.25850	-.54960	-.58110	.20230	.03390	.27900	-.12150	-.12340
-7.988	-3.828	1.14910	.50350	.26190	-.55090	-.58100	.20970	.02130	.17730	-.07650	-.07770
-7.933	.164	1.14950	.50100	.26110	-.55370	-.58210	.21880	.00190	-.00580	-.00090	-.00070
-7.845	4.098	1.15200	.50260	.26230	-.52850	-.55740	.20330	-.02090	-.18980	.07960	.08090
-7.787	6.073	1.15040	.49960	.25900	-.51010	-.53970	.18920	-.03520	-.28970	.12330	.12540
	GRADIENT	.00037	-.00011	.00005	.00282	.00297	-.00080	-.00532	-.04632	.01969	.02001

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-4.078	-5.858	1.14950	.49670	.26390	-.23900	-.26940	.07840	.04050	.26310	-.11280	-.11480
-4.088	-3.925	1.15110	.49280	.26450	-.24200	-.27160	.08670	.02710	.17610	-.07820	-.07940
-3.917	.246	1.15090	.48830	.26160	-.23900	-.26700	.09990	.00010	-.00420	-.00120	-.00110
-3.814	4.067	1.15160	.49450	.26770	-.21670	-.24440	.08410	-.02740	-.17380	.07110	.07250
-3.820	6.086	1.14790	.49520	.26700	-.20830	-.23700	.07640	-.04210	-.26480	.10800	.11020
	GRADIENT	.00006	.00019	.00038	.00313	.00337	-.00027	-.00681	-.04377	.01868	.01900

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.312	-6.703	1.14850	.49340	.26480	.01860	-.01210	-.01610	.05180	.29680	-.12590	-.12810
-.284	-4.591	1.15180	.49080	.26750	.02070	-.00880	-.01200	.03560	.20430	-.09020	-.09170
-.256	-.388	1.15100	.48760	.26630	.02070	-.00710	-.00670	.00310	.02700	-.01450	-.01460
-.248	3.798	1.14810	.48860	.26720	.02530	-.00230	-.01120	-.02880	-.14860	.06390	.06550
-.253	5.899	1.14940	.48970	.26750	.02560	-.00200	-.01470	-.04390	-.23620	.09900	.10120
	GRADIENT	-.00044	-.00026	-.00004	.00055	.00077	.00010	-.00768	-.04207	.01837	.01874

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.242	-5.906	1.15080	.48280	.26490	.30690	.27940	-.13100	.04830	.25510	-.10640	-.10770
4.193	-3.905	1.14820	.48180	.26570	.30230	.27530	-.12620	.03280	.17370	-.07650	-.07730
4.113	.154	1.14910	.47940	.26390	.28850	.26060	-.11290	.00050	.00300	-.00450	-.00440
3.982	4.145	1.15030	.48030	.26320	.29440	.26710	-.12740	-.03040	-.15740	.06340	.06450
3.922	6.055	1.15180	.48150	.26160	.29530	.26730	-.12950	-.04580	-.23810	.09610	.09770
	GRADIENT	.00026	-.00019	-.00031	-.00099	-.00103	-.00014	-.00785	-.04113	.01738	.01762

IA183,AEDC PWT 16TF-519 O T S (OTS) (R8P119) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.928	-5.917	1.24900	.50210	.27290	-.53520	-.56430	.19640	.03630	.28150	-.11590	-.11770
-7.958	-3.908	1.24860	.50140	.27490	-.53870	-.56670	.20450	.02310	.17920	-.07080	-.07190
-7.918	.063	1.25100	.49980	.27440	-.53840	-.56550	.20840	.00270	.00260	.00030	.00020
-7.899	4.029	1.24810	.50170	.27720	-.52850	-.55540	.19740	-.02070	-.18300	.07780	.07910
-7.875	6.017	1.24940	.50140	.27570	-.52320	-.55100	.19160	-.03420	-.28240	.12020	.12230
	GRADIENT	-.00006	.00004	.00029	.00128	.00142	-.00089	-.00552	-.04563	.01872	.01902

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-4.039	-5.971	1.25070	.49680	.27700	-.23060	-.25930	.07810	.04050	.26260	-.10780	-.10950
-3.982	-3.941	1.24900	.49450	.27790	-.22450	-.25190	.08010	.02610	.16990	-.06930	-.07030
-3.955	.061	1.25030	.49180	.27750	-.22520	-.25170	.08560	.00150	.00480	.00010	.00010
-3.861	4.009	1.25130	.49440	.28120	-.21750	-.24360	.07830	-.02460	-.16470	.06950	.07050
-3.849	5.944	1.25080	.49470	.28070	-.21090	-.23790	.07260	-.03860	-.25210	.10480	.10650
	GRADIENT	.00029	-.00001	.00041	.00088	.00104	-.00022	-.00638	-.04209	.01746	.01771

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.216	-6.714	1.24710	.49590	.28020	.02580	-.00280	-.01200	.05020	.29490	-.12560	-.12760
-.181	-4.606	1.25130	.49240	.28050	.03260	.00470	-.01180	.03420	.20100	-.08800	-.08940
-.146	-.399	1.25130	.48930	.28000	.03690	.01040	-.00880	.00300	.02630	-.01460	-.01470
-.134	3.796	1.25210	.49110	.28130	.03970	.01350	-.01170	-.02720	-.14380	.05920	.06070
-.140	5.899	1.24940	.49090	.28140	.03980	.01360	-.01450	-.04220	-.23220	.09560	.09760
	GRADIENT	.00010	-.00016	.00010	.00085	.00105	.00001	-.00731	-.04104	.01752	.01787

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.169	-5.992	1.24910	.48580	.27980	.29470	.26820	-.12490	.04860	.26330	-.11000	-.11130
4.148	-3.993	1.25120	.48450	.28020	.29460	.26770	-.12450	.03310	.17970	-.07690	-.07780
4.118	.062	1.24790	.47840	.27710	.29320	.26740	-.11770	.00180	.01360	-.00660	-.00670
4.028	4.067	1.24860	.48150	.27640	.29620	.27010	-.12120	-.02950	-.15310	.06620	.06710
3.990	6.025	1.24840	.48220	.27490	.29580	.26930	-.12340	-.04470	-.23480	.09720	.09860
	GRADIENT	-.00032	-.00037	-.00047	.00020	.00030	.00041	-.00777	-.04129	.01775	.01798

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P001) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-7.890	.06990	.03790	.03920	.02050	-.11010	-.01120	.08780	.00220	.00080	-.00110
.600	-5.911	.06730	.03710	.04110	.02000	-.04810	-.01090	.04440	.00340	-.00050	-.00050
.601	-3.894	.06390	.03640	.04260	.01960	.01130	-.01060	.00350	.00250	-.00070	-.00010
.599	-1.895	.06820	.03580	.04270	.01930	.07340	-.01040	-.03910	.00300	-.00120	.00040
.600	.069	.06440	.03550	.04090	.01900	.13460	-.01030	-.08110	.00370	-.00220	.00080
.600	2.115	.06340	.03560	.03790	.01930	.19500	-.01050	-.12160	.00340	-.00310	.00140
.599	4.086	.06610	.03480	.03250	.01900	.26700	-.01040	-.17250	.00430	-.00410	.00160
.600	6.092	.06520	.03410	.02710	.01860	.33530	-.01020	-.22020	.00270	-.00340	.00140
.600	8.127	.06700	.03380	.02070	.01850	.39880	-.01020	-.26540	.00140	-.00320	.00130
	GRADIENT	-.00002	-.00017	-.00125	-.00006	.03169	.00001	-.02175	.00020	-.00044	.00022

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.900	-7.947	.07090	.04300	.06680	.02270	-.14770	-.01220	.12250	.00960	-.00560	.00190
.898	-5.896	.07170	.04160	.06510	.02210	-.07990	-.01180	.07410	.00980	-.00650	.00260
.901	-3.977	.07500	.04050	.06390	.02160	-.01210	-.01160	.02640	.00970	-.00700	.00290
.900	-1.978	.07250	.03950	.06160	.02120	.06210	-.01150	-.02550	.01030	-.00760	.00330
.898	.080	.07100	.03910	.05940	.02100	.14440	-.01140	-.08300	.00930	-.00670	.00350
.899	2.083	.07290	.03950	.05740	.02130	.22740	-.01160	-.14140	.00820	-.00650	.00360
.900	4.074	.07520	.03940	.05680	.02120	.29120	-.01150	-.18680	.00720	-.00620	.00340
.900	6.035	.07990	.03940	.05650	.02130	.35670	-.01160	-.23310	.00450	-.00480	.00280
.900	8.059	.08100	.04040	.05680	.02200	.42670	-.01200	-.28150	.00090	-.00230	.00240
	GRADIENT	.00004	-.00011	-.00091	-.00003	.03829	.00000	-.02690	-.00035	.00013	.00006

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.949	-7.962	.12430	.04570	.08170	.02440	-.16600	-.01310	.14370	.00850	-.00430	.00200
.950	-5.967	.12640	.04450	.08060	.02370	-.09810	-.01280	.09490	.00760	-.00410	.00200
.953	-3.889	.12860	.04340	.07890	.02320	-.02990	-.01250	.04590	.00740	-.00440	.00220
.950	-1.941	.12530	.04240	.07610	.02280	.04270	-.01240	-.00650	.00700	-.00440	.00240
.952	.075	.12780	.04260	.07400	.02300	.12200	-.01250	-.06230	.00680	-.00460	.00250
.950	2.072	.12620	.04220	.07020	.02280	.21070	-.01240	-.12540	.00660	-.00480	.00290
.948	4.089	.12540	.04250	.06770	.02290	.28350	-.01250	-.17840	.00600	-.00500	.00300
.949	6.060	.12830	.04350	.06670	.02350	.34050	-.01280	-.21970	.00370	-.00400	.00320
.948	8.033	.13030	.04410	.06540	.02380	.40800	-.01290	-.26670	-.00110	-.00040	.00250
	GRADIENT	-.00027	-.00010	-.00142	-.00003	.03980	-.00000	-.02842	-.00016	-.00008	.00011

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P001) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.100	-7.936	.18860	.05700	.10650	.03010	-.19890	-.01600	.18540	.00190	.00220	.00020
1.099	-5.967	.18760	.05580	.10420	.02970	-.12230	-.01590	.12870	.00180	.00160	.00070
1.102	-3.894	.18400	.05480	.10150	.02930	-.04080	-.01580	.06880	.00270	.00010	.00130
1.099	-1.913	.18470	.05430	.10060	.02910	.03970	-.01570	.01070	.00170	.00030	.00110
1.099	.048	.18290	.05500	.10200	.02930	.12140	-.01570	-.04810	.00180	-.00040	.00160
1.099	2.047	.18260	.05490	.10140	.02940	.20450	-.01580	-.10830	.00080	.00000	.00180
1.100	4.066	.18090	.05490	.09960	.02950	.28070	-.01600	-.16450	-.00090	.00060	.00160
1.101	6.083	.17960	.05450	.09740	.02930	.34340	-.01590	-.20960	-.00170	.00020	.00170
1.102	8.041	.17750	.05630	.09470	.03020	.39770	-.01640	-.24700	-.00160	-.00040	.00200
	GRADIENT	-.00042	.00004	-.00015	.00004	.04063	-.00003	-.02945	-.00041	.00004	.00007

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-9.272	.06670	.05190	.11670	.02730	-.21630	-.01450	.19910	.00700	.00110	.00150
1.251	-7.062	.06490	.05100	.11380	.02690	-.12910	-.01430	.13160	.00680	.00010	.00190
1.251	-4.792	.06290	.05030	.11340	.02670	-.03410	-.01430	.05920	.00610	-.00020	.00190
1.249	-2.608	.06430	.04880	.11380	.02580	.05790	-.01380	-.01010	.00470	-.00020	.00200
1.249	-.466	.06370	.04790	.11350	.02520	.14740	-.01340	-.07710	.00370	-.00060	.00220
1.249	1.672	.06230	.04860	.11350	.02560	.22980	-.01370	-.13700	.00320	-.00090	.00240
1.251	3.843	.05540	.04860	.11350	.02580	.30120	-.01380	-.18840	.00280	-.00100	.00280
1.252	5.928	.05320	.04860	.11120	.02590	.35680	-.01390	-.22690	.00180	-.00070	.00250
1.250	8.124	.05790	.04950	.10970	.02640	.41550	-.01420	-.26710	.00080	-.00080	.00280
	GRADIENT	-.00079	-.00017	-.00000	-.00009	.03910	.00005	-.02887	-.00038	-.00011	.00010

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P002) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.601	-8.687	.08550	.03830	.03810	.02070	-.13400	-.01130	.10620	.00000	.00320	-.00220
.601	-4.498	.06030	.03700	.04200	.01990	-.00430	-.01080	.01630	.00200	.00010	-.00070
.600	-2.483	.06480	.03630	.04310	.01960	.05640	-.01060	-.02570	.00110	-.00020	-.00030
.600	-.305	.06650	.03590	.04170	.01930	.12310	-.01040	-.07150	-.00040	-.00020	-.00010
.600	1.740	.06780	.03610	.03860	.01940	.18290	-.01050	-.11250	-.00060	-.00080	.00050
.600	3.789	.06690	.03520	.03360	.01910	.25500	-.01050	-.16300	.00320	-.00320	.00100
.599	7.989	.04890	.03420	.02150	.01870	.39340	-.01030	-.26100	-.00110	-.00170	.00090
	GRADIENT	.00078	-.00018	-.00102	-.00009	.03102	.00003	-.02141	.00003	-.00034	.00020

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.099	-7.899	.18880	.05680	.10690	.03000	-.19730	-.01590	.18420	.00180	.00240	.00020
1.102	-5.927	.18620	.05540	.10430	.02950	-.12120	-.01580	.12760	.00220	.00130	.00090
1.099	-3.895	.18600	.05490	.10160	.02940	-.04320	-.01580	.07070	.00190	.00080	.00100
1.102	-1.958	.18220	.05410	.10070	.02890	.04020	-.01560	.00980	.00250	-.00030	.00140
1.101	.059	.18120	.05480	.10190	.02920	.12310	-.01570	-.04980	.00270	-.00110	.00190
1.099	2.060	.18230	.05500	.10090	.02950	.20520	-.01590	-.10880	.00090	.00000	.00180
1.098	4.067	.18200	.05490	.09950	.02950	.27990	-.01590	-.16370	-.00110	.00080	.00150
1.099	6.029	.18170	.05480	.09710	.02950	.33960	-.01600	-.20640	-.00260	.00100	.00160
1.099	8.087	.18050	.05620	.09450	.03020	.39710	-.01630	-.24600	-.00300	.00060	.00160
	GRADIENT	-.00039	.00005	-.00020	.00004	.04067	-.00003	-.02945	-.00038	.00002	.00007

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-9.234	.06420	.05190	.11660	.02730	-.21490	-.01450	.19800	.00740	.00080	.00170
1.250	-6.992	.06470	.05090	.11410	.02690	-.12570	-.01430	.12880	.00650	.00040	.00190
1.248	-4.814	.06650	.05040	.11380	.02670	-.03500	-.01430	.05990	.00490	.00060	.00150
1.249	-2.661	.06430	.04910	.11350	.02600	.05550	-.01390	-.00830	.00430	.00010	.00180
1.251	-.461	.06020	.04800	.11330	.02530	.14860	-.01350	-.07820	.00450	-.00110	.00240
1.252	1.706	.05920	.04850	.11360	.02560	.23190	-.01370	-.13900	.00370	-.00150	.00260
1.251	3.786	.05700	.04830	.11380	.02570	.30040	-.01380	-.18800	.00290	-.00110	.00270
1.250	5.956	.05630	.04860	.11170	.02590	.35820	-.01390	-.22780	.00170	-.00060	.00240
1.249	8.124	.05900	.04970	.10950	.02660	.41550	-.01430	-.26700	.00100	-.00080	.00280
	GRADIENT	-.00112	-.00022	.00000	-.00011	.03930	.00006	-.02906	-.00021	-.00023	.00015

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P003) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-7.965	.06710	.05090	.11390	.02680	-.16340	-.01430	.15840	.00560	.00070	.00160
1.251	-5.969	.06620	.05060	.11280	.02680	-.08200	-.01430	.09600	.00460	.00060	.00170
1.250	-3.908	.06540	.04950	.11300	.02630	.00470	-.01400	.03010	.00450	-.00010	.00200
1.249	-1.939	.06610	.04800	.11290	.02530	.08750	-.01350	-.03190	.00320	.00000	.00210
1.253	.022	.05950	.04790	.11290	.02520	.16920	-.01340	-.09370	.00300	-.00110	.00260
1.249	2.053	.06230	.04800	.11340	.02540	.24610	-.01350	-.14850	.00220	-.00110	.00260
1.253	4.028	.05520	.04840	.11220	.02570	.30450	-.01380	-.19010	.00060	-.00030	.00270
1.249	6.036	.05800	.04840	.11110	.02570	.36160	-.01380	-.22940	-.00010	-.00030	.00270
1.248	8.041	.06030	.04970	.10890	.02660	.41190	-.01430	-.26370	-.00020	-.00090	.00310
	GRADIENT	-.00122	-.00011	-.00006	-.00005	.03817	.00002	-.02804	-.00044	-.00008	.00010

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P004) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.102	-7.906	.18800	.05680	.10660	.03000	-.19660	-.01600	.18380	.00240	.00190	.00030
1.098	-5.953	.18860	.05580	.10390	.02970	-.12350	-.01590	.12980	.00130	.00190	.00060
1.100	-3.954	.18510	.05480	.10130	.02930	-.04480	-.01570	.07210	.00260	.00030	.00120
1.098	-1.949	.18480	.05450	.10030	.02920	.03620	-.01570	.01350	.00180	.00040	.00110
1.099	.031	.18390	.05510	.10120	.02930	.11900	-.01570	-.04610	.00130	-.00010	.00150
1.102	2.076	.17970	.05430	.10110	.02910	.20840	-.01570	-.11170	.00180	-.00080	.00200
1.102	4.045	.17940	.05450	.09960	.02930	.28270	-.01580	-.16640	.00000	-.00030	.00180
1.100	6.096	.17910	.05430	.09720	.02920	.34420	-.01590	-.21000	-.00130	-.00010	.00190
1.101	8.041	.17960	.05600	.09500	.03010	.39720	-.01630	-.24630	-.00240	.00020	.00190
	GRADIENT	-.00083	-.00004	-.00013	-.00001	.04131	-.00001	-.03008	-.00026	-.00012	.00011

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P004) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.249	-9.234	.06770	.05190	.11670	.02730	-.21550	-.01450	.19860	.00660	.00150	.00140
1.250	-7.018	.06600	.05090	.11370	.02690	-.12730	-.01430	.13000	.00680	.00010	.00190
1.251	-4.803	.06170	.05050	.11280	.02670	-.03530	-.01430	.06000	.00610	-.00020	.00180
1.249	-2.675	.06440	.04910	.11280	.02600	.05320	-.01390	-.00650	.00430	.00000	.00200
1.249	-.433	.06180	.04790	.11290	.02520	.14410	-.01340	-.07830	.00510	-.00160	.00260
1.251	1.658	.05850	.04840	.11310	.02550	.22070	-.01360	-.13720	.00440	-.00200	.00280
1.252	3.831	.05550	.04840	.11290	.02580	.30010	-.01380	-.18750	.00280	-.00100	.00280
1.251	5.917	.05550	.04870	.11100	.02590	.35690	-.01390	-.22660	.00190	-.00070	.00250
1.250	8.126	.05800	.04980	.10940	.02660	.41560	-.01430	-.26700	.00100	-.00090	.00280
	GRADIENT	-.00085	-.00023	.00002	-.00011	.03923	.00006	-.02897	-.00030	-.00017	.00013

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P005) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.098	-7.905	.18870	.05650	.10740	.02980	-.19690	-.01590	.18420	.00220	.00210	.00030
1.100	-5.955	.18720	.05540	.10420	.02950	-.12260	-.01580	.12890	.00200	.00140	.00080
1.102	-3.945	.18420	.05490	.10090	.02930	-.04440	-.01580	.07160	.00270	.00020	.00120
1.099	-1.943	.18430	.05440	.09990	.02910	.03710	-.01570	.01280	.00180	.00040	.00110
1.102	.032	.18100	.05480	.10130	.02910	.12230	-.01560	-.04900	.00270	-.00120	.00190
1.101	2.078	.18050	.05440	.10100	.02910	.20770	-.01570	-.11100	.00150	-.00070	.00200
1.100	4.035	.18100	.05460	.09910	.02930	.28170	-.01580	-.16520	-.00100	.00050	.00150
1.102	6.049	.17940	.05420	.09720	.02920	.34380	-.01580	-.20970	-.00160	.00010	.00180
1.099	8.090	.18130	.05570	.09490	.03000	.39860	-.01620	-.24720	-.00290	.00060	.00180
	GRADIENT	-.00051	-.00003	-.00012	-.00000	.04118	-.00000	-.02990	-.00039	-.00003	.00008

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P005) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.249	-9.206	.06730	.05190	.11650	.02730	-.21500	-.01450	.19800	.00630	.00160	.00130
1.249	-7.021	.06730	.05080	.11370	.02680	-.12680	-.01430	.12980	.00660	.00030	.00170
1.252	-4.808	.06030	.05040	.11290	.02670	- 03470	-.01430	.05960	.00640	-.00040	.00200
1.251	-2.679	.06080	.04890	.11270	.02590	.05520	-.01380	-.00820	.00510	-.00040	.00210
1.249	-.469	.06220	.04810	.11250	.02530	.14650	-.01350	-.07650	.00460	-.00130	.00240
1.249	1.713	.06200	.04850	.11290	.02560	.23060	-.01360	-.13750	.00360	-.00130	.00260
1.250	3.802	.05770	.04830	.11310	.02570	.30000	-.01380	-.18750	.00290	-.00100	.00280
1.251	5.920	.05470	.04860	.11100	.02590	.35790	-.01390	-.22750	.00200	-.00070	.00250
1.251	8.126	.05630	.04960	.10930	.02650	.41600	-.01430	-.26750	.00140	-.00110	.00300
	GRADIENT	-.00018	-.00021	.00003	-.00011	.03910	.00006	-.02886	-.00039	-.00010	.00010

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P006) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-8.073	-.05940	.03790	.03990	.02040	-.10990	-.01110	.08840	.00220	-.00090	.00070
.600	-5.971	-.05970	.03700	.04120	.01990	-.04720	-.01080	.04450	-.00010	-.00030	.00050
.600	-3.863	-.06270	.03610	.04150	.01940	.01610	-.01050	.00080	-.00150	-.00010	.00040
.600	-1.762	-.06640	.03530	.04030	.01900	.08270	-.01030	-.04490	-.00150	-.00080	.00100
.601	.280	-.06750	.03450	.03720	.01850	.14570	-.01000	-.08840	-.00130	-.00150	.00140
.600	2.384	-.07740	.03440	.03310	.01840	.20830	-.01000	-.13160	-.00200	-.00150	.00180
.599	4.460	-.08430	.03390	.02740	.01820	.27830	-.00990	-.18070	-.00200	-.00200	.00220
.601	6.561	-.08360	.03310	.02030	.01780	.35030	-.00970	-.23100	-.00410	-.00120	.00250
.600	8.661	-.09310	.03280	.01410	.01770	.41420	-.00960	-.27640	-.00470	-.00150	.00300
	GRADIENT	-.00261	-.00025	-.00170	-.00014	.03126	.00007	-.02163	-.00007	-.00022	.00021

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P006) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.899	-8.261	-.07670	.04400	.06730	.02300	-.14650	-.01210	.12420	.01060	-.00660	.00330
.899	-6.072	-.08100	.04200	.06450	.02200	-.07060	-.01160	.06980	.00940	-.00680	.00360
.899	-3.931	-.08390	.04070	.06250	.02130	.00100	-.01130	.01910	.00790	-.00680	.00400
.901	-1.818	-.08920	.03940	.05960	.02080	.07830	-.01110	-.03460	.00750	-.00700	.00430
.901	.330	-.09350	.03880	.05620	.02040	.16070	-.01080	-.09220	.00650	-.00650	.00460
.901	2.457	-.09990	.03870	.05350	.02050	.24530	-.01090	-.15260	.00740	-.00750	.00540
.901	4.572	-.10290	.03850	.05250	.02050	.31330	-.01110	-.20130	.00620	-.00710	.00520
.901	6.693	-.10610	.03830	.05190	.02060	.37530	-.01110	-.24440	.00280	-.00460	.00490
.902	8.850	-.11530	.03900	.05210	.02110	.44650	-.01150	-.29410	.00190	-.00410	.00510
	GRADIENT	-.00229	-.00024	-.00123	-.00009	.03720	.00003	-.02626	-.00016	-.00005	.00016

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.097	-8.425	-.18880	.05690	.10560	.03000	-.20710	-.01590	.19340	.00840	-.00380	.00330
1.098	-6.230	-.18860	.05590	.10240	.02950	-.12870	-.01570	.13660	.00610	-.00330	.00310
1.098	-4.050	-.19150	.05410	.09850	.02870	-.04140	-.01530	.07230	.00580	-.00460	.00350
1.101	-1.859	-.19070	.05350	.09700	.02850	.04650	-.01530	.00770	.00270	-.00290	.00250
1.101	.293	-.19390	.05410	.09730	.02880	.13340	-.01550	-.05560	.00280	-.00380	.00340
1.103	2.459	-.19670	.05350	.09510	.02860	.22290	-.01540	-.12180	.00240	-.00360	.00370
1.102	4.587	-.20120	.05320	.09290	.02850	.29830	-.01540	-.17700	.00170	-.00380	.00410
1.102	6.722	-.20270	.05320	.08900	.02860	.35730	-.01540	-.21870	.00040	-.00360	.00400
1.101	8.872	-.20760	.05510	.08600	.02940	.41050	-.01580	-.25540	.00070	-.00430	.00470
	GRADIENT	-.00117	-.00008	-.00061	-.00001	.03964	-.00001	-.02909	-.00039	.00004	.00011

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-8.503	-.06270	.05060	.11870	.02650	-.18170	-.01400	.17530	.00830	-.00250	.00260
1.251	-6.264	-.06610	.04960	.11680	.02610	-.09980	-.01390	.11220	.00550	-.00170	.00250
1.251	-4.015	-.06750	.04900	.11560	.02590	-.00680	-.01390	.04150	.00400	-.00180	.00250
1.249	-1.873	-.07180	.04870	.11480	.02590	.08170	-.01380	-.02510	.00350	-.00260	.00270
1.249	.301	-.07680	.04840	.11450	.02570	.16660	-.01380	-.08920	.00290	-.00330	.00300
1.249	2.474	-.08170	.04850	.11350	.02580	.24880	-.01380	-.14880	.00200	-.00360	.00280
1.250	4.595	-.08630	.04850	.11170	.02590	.31170	-.01390	-.19390	.00130	-.00340	.00280
1.251	6.743	-.09150	.04830	.10830	.02590	.37140	-.01400	-.23550	.00190	-.00450	.00280
1.250	8.897	-.09690	.05010	.10510	.02700	.42340	-.01460	-.27140	.00260	-.00580	.00420
	GRADIENT	-.00220	-.00006	-.00042	-.00000	.03729	.00000	-.02757	-.00032	-.00019	.00003

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P007) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.248	-8.473	-.03770	.05060	.11420	.02640	-.17700	-.01400	.17180	.00470	-.00160	.00140
1.247	-6.271	-.04890	.04990	.11100	.02630	-.09270	-.01390	.10690	.00380	-.00190	.00210
1.249	-4.056	-.05560	.04900	.10960	.02590	-.00190	-.01380	.03750	.00300	-.00240	.00240
1.250	-1.855	-.06430	.04870	.10880	.02590	.08780	-.01380	-.03040	.00260	-.00340	.00280
1.249	.309	-.07850	.04870	.10830	.02590	.17310	-.01380	-.09450	.00320	-.00490	.00350
1.251	2.478	-.08830	.04860	.10770	.02590	.25350	-.01390	-.15260	.00380	-.00600	.00380
1.249	4.604	-.10430	.04870	.10570	.02610	.31450	-.01410	-.19610	.00340	-.00650	.00410
1.251	6.757	-.11460	.04830	.10280	.02590	.37470	-.01400	-.23810	.00380	-.00700	.00410
1.248	8.868	-.13190	.05010	.09950	.02690	.42520	-.01460	-.27320	.00550	-.00890	.00570
	GRADIENT	-.00560	-.00003	-.00041	.00002	.03689	-.00003	-.02723	.00009	-.00050	.00020

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P008) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.549	-3.901	.17510	.04170	.11970	.02170	-.00370	-.01140	.02740	.00100	.00110	.00040
1.549	-1.728	.17640	.04180	.11790	.02170	.07580	-.01140	-.03420	.00050	.00030	.00070
1.550	-.629	.17790	.04200	.11710	.02190	.11710	-.01150	-.06610	.00060	-.00060	.00090
1.550	.470	.17770	.04210	.11660	.02190	.15940	-.01150	-.09830	.00000	-.00080	.00090
1.549	2.634	.17610	.04220	.11570	.02200	.24110	-.01160	-.15890	-.00030	-.00160	.00130
1.550	4.785	.17730	.04040	.11600	.02110	.30440	-.01120	-.20240	-.00100	-.00190	.00140
1.550	5.838	.17630	.04000	.11530	.02110	.33600	-.01120	-.22430	-.00020	-.00290	.00190
	GRADIENT	.00016	-.00011	-.00043	-.00004	.03595	.00001	-.02685	-.00023	-.00036	.00012

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P009) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.550	-6.172	-.17900	.04150	.12610	.02150	-.08180	-.01120	.09270	.00700	-.00170	.00240
1.550	-3.979	-.17850	.04110	.12260	.02140	-.00170	-.01120	.02910	.00520	-.00160	.00220
1.550	-1.786	-.18400	.04110	.11970	.02140	.08090	-.01130	-.03540	.00390	-.00200	.00250
1.550	.409	-.18940	.04130	.11770	.02150	.16120	-.01130	-.09680	.00340	-.00330	.00320
1.550	2.595	-.19480	.04120	.11500	.02150	.24190	-.01130	-.15730	.00340	-.00440	.00400
1.549	4.732	-.20130	.03930	.11320	.02080	.30410	-.01110	-.20090	.00280	-.00470	.00450
1.552	5.804	-.21150	.03910	.11050	.02080	.33220	-.01120	-.22090	.00380	-.00600	.00510
	GRADIENT	-.00259	-.00016	-.00108	-.0[illegible]005	.03544	.00001	-.02670	-.00024	-.00039	.00028

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P010) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.600	-6.507	-.13300	.03950	.03670	.02190	.16470	-.01220	-.10350	.14510	-.09400	.04800
.600	-4.455	-.11350	.03870	.03930	.02130	.15610	-.01180	-.09730	.10000	-.06410	.03210
.600	-.342	-.08570	.03540	.03880	.01900	.1[illegible]100	-.01030	-.08390	.01250	-.00670	.00100
.601	3.763	-.06700	.03700	.03870	.02020	.1[illegible]570	-.01110	-.08530	-.06830	.04590	-.02740
.600	5.825	-.06480	.03900	.03700	.02140	.14150	-.01190	-.09200	-.11230	.07620	-.04300
	GRADIENT	.00566	-.00021	-.00007	-.00013	-.00236	.00009	.00146	-.02048	.01339	-.00724

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.900	-6.638	-.19320	.04330	.06270	.02340	.18700	-.01270	-.11050	.15530	-.10040	.05400
.899	-4.557	-.16770	.04130	.06370	.02230	.17560	-.01210	-.10310	.10830	-.06890	.03670
.901	-.387	-.13710	.03920	.05750	.02070	.14730	-.01100	-.08400	.01840	-.01090	.00370
.900	3.768	-.12540	.04190	.05900	.02220	.15460	-.01190	-.09170	-.06710	.04330	-.02920
.900	5.853	-.12650	.04380	.06050	.02330	.15870	-.01260	-.09630	-.11330	.07400	-.04640
	GRADIENT	.00508	.00007	-.00057	-.00001	-.00253	.00002	.00137	-.02107	.01348	-.00792

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P010) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.949	-6.657	-.24580	.04850	.07580	.02590	.17990	-.01400	-.10210	.14810	-.09130	.05500
.949	-4.576	-.22200	.04570	.07690	.02450	.16390	-.01320	-.09130	.10010	-.06020	.03720
.950	-.392	-.19460	.04280	.07250	.02280	.12470	-.01230	-.06300	.01460	-.00760	.00390
.950	3.784	-.18620	.04450	.07390	.02380	.13760	-.01280	-.07540	-.06880	.04350	-.03020
.950	5.869	-.18600	.04770	.07460	.02540	.14530	-.01360	-.08350	-.11260	.07180	-.04710
	GRADIENT	.00428	-.00014	-.00036	-.00008	-.00315	.00005	.00190	-.02020	.01240	-.00806

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.101	-6.691	-.33320	.05920	.10450	.03130	.17260	-.01670	-.08470	.14850	-.09080	.06530
1.098	-4.587	-.31020	.05640	.10330	.03010	.15360	-.01620	-.07150	.10280	-.06240	.04530
1.097	-.387	-.27920	.05520	.10000	.02940	.11060	-.01580	-.03840	.01540	-.00820	.00510
1.099	3.794	-.26180	.05470	.10230	.02900	.12470	-.01550	-.05300	-.07030	.04530	-.03450
1.101	5.897	-.26090	.05580	.10480	.02990	.13990	-.01620	-.06870	-.11480	.07360	-.05360
	GRADIENT	.00578	-.00020	-.00012	-.00013	-.00345	.00008	.00221	-.02065	.01285	-.00952

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.148	-6.703	-.31150	.05810	.10840	.03070	.18060	-.01630	-.09200	.15330	-.09500	.06570
1.152	-4.591	-.28440	.05560	.10940	.02960	.16850	-.01590	-.08400	.10630	-.06580	.04530
1.151	-.388	-.25610	.05210	.10690	.02780	.13390	-.01500	-.05850	.01520	-.00770	.00500
1.148	3.798	-.24830	.05190	.10850	.02760	.13750	-.01480	-.06450	-.07290	.04790	-.03490
1.149	5.899	-.25290	.05170	.10920	.02760	.14410	-.01480	-.07320	-.11720	.07600	-.05380
	GRADIENT	.00430	-.00044	-.00011	-.00024	-.00370	.00013	.00233	-.02136	.01355	-.00956

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.247	-6.714	-.21590	.05440	.11490	.02860	.19210	-.01510	-.10500	.15290	-.09600	.06300
1.251	-4.606	-.18140	.05320	.11510	.02800	.18330	-.01480	-.09990	.10470	-.06540	.04310
1.251	-.399	-.14580	.04990	.11260	.02650	.15850	-.01420	-.08230	.01440	-.00760	.00480
1.252	3.796	-.13390	.04930	.11490	.02620	.15840	-.01400	-.08510	-.07070	.04660	-.03250
1.249	5.899	-.14020	.04910	.11520	.02620	.15880	-.01410	-.08790	-.11510	.07500	-.05090
	GRADIENT	.00566	-.00046	-.00002	-.00021	-.00297	.00010	.00176	-.02088	.01333	-.00900

IA183.AEDC PWT 16TF-519 O T S (OTS-TS) (R8P011) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-6.510	-.12950	.03930	.03720	.02170	.16060	-.01200	-.10050	.14230	-.09380	.04840
.600	-4.431	-.11100	.03820	.03970	.02110	.15350	-.01160	-.09510	.09640	-.06370	.03250
.600	-2.384	-.09680	.03630	.04050	.01950	.14260	-.01060	-.08650	.05130	-.03360	.01630
.600	-.330	-.08860	.03540	.03890	.01900	.13800	-.01020	-.08290	.00810	-.00610	.00130
.600	1.727	-.07930	.03580	.03790	.01930	.13490	-.01050	-.08170	-.02940	.01740	-.01190
.600	3.780	-.07760	.03690	.03840	.02020	.13790	-.01110	-.08590	-.07270	.04620	-.02700
.600	5.829	-.07370	.03880	.03690	.02130	.14130	-.01180	-.09150	-.11730	.07680	-.04270
	GRADIENT	.00410	-.00015	-.00025	-.00010	-.00189	.00005	.00113	-.02040	.01319	-.00717

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.900	-6.642	-.19300	.04350	.06230	.02340	.18130	-.01270	-.10540	.15480	-.10170	.05570
.900	-4.554	-.16800	.04150	.06330	.02230	.17150	-.01210	-.09920	.10680	-.07000	.03880
.900	-2.463	-.15280	.04010	.06090	.02140	.15900	-.01160	-.09100	.05760	-.03740	.02080
.899	-.397	-.13830	.03900	.05720	.02050	.14480	-.01090	-.08120	.01540	-.01110	.00510
.899	1.684	-.13160	.03940	.05700	.02070	.14250	-.01090	-.08070	-.02520	.01390	-.01040
.899	3.770	-.12910	.04190	.05910	.02210	.15240	-.01180	-.08960	-.06960	.04290	-.02750
.900	5.847	-.13460	.04390	.06060	.02330	.15630	-.01250	-.09410	-.11640	.07390	-.04480
	GRADIENT	.00476	.00001	-.00059	-.00005	-.00263	.00006	.00142	-.02095	.01333	-.00788

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P012) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-5.840	.05150	.03760	.03750	.02080	.15340	-.01160	-.09780	.13200	-.08480	.04830
.599	-3.778	.05370	.03640	.04000	.02010	.14550	-.01110	-.09170	.08390	-.05350	.03160
.599	-1.715	.05280	.03500	.03990	.01880	.13450	-.01020	-.08270	.03610	-.02220	.01490
.600	.326	.04740	.03430	.03790	.01850	.13080	-.01000	-.07950	-.00540	.00350	.00070
.600	2.380	.04240	.03500	.03790	.01920	.12910	-.01060	-.07920	-.04590	.02900	-.01340
.599	4.432	.03830	.03600	.03680	.01990	.13920	-.01110	-.08880	-.09100	.05910	-.02930
.601	6.502	.02590	.03660	.03440	.02020	.14860	-.01120	-.09850	-.13640	.08990	-.04510
	GRADIENT	-.00201	-.00004	-.00041	-.00000	-.00088	-.00002	.00045	-.02105	.01347	-.00732

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.899	-5.880	.02140	.04320	.06320	.02330	.18060	-.01270	-.10730	.14270	-.09220	.05400
.899	-3.803	.02450	.04140	.06320	.02240	.16970	-.01220	-.10020	.08950	-.05700	.03520
.899	-1.717	.02680	.03930	.05990	.02120	.15240	-.01160	-.08780	.04010	-.02520	.01760
.900	.380	.02560	.03850	.05730	.02050	.14110	-.01100	-.08000	-.00170	.00010	.00200
.901	2.454	.02170	.03960	.05780	.02100	.14640	-.01120	-.08430	-.04430	.02630	-.01420
.901	4.527	.01330	.04210	.05970	.02270	.16110	-.01230	-.09620	-.09330	.05870	-.03250
.900	6.628	-.00020	.04400	.05950	.02380	.16950	-.01300	-.10430	-.14140	.09040	-.04990
	GRADIENT	-.00132	.00008	-.00044	.00002	-.00112	.00001	.00056	-.02160	.01358	-.00803

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.097	-5.931	.10110	.05510	.10490	.02900	.17340	-.01540	-.08740	.13330	-.08090	.06140
1.098	-3.814	.10940	.05290	.10370	.02790	.15510	-.01490	-.07450	.08700	-.05320	.04160
1.100	-1.718	.11070	.05250	.10220	.02800	.13720	-.01500	-.06110	.03960	-.02390	.02060
1.102	.374	.10840	.05400	.10110	.02870	.12060	-.01540	-.04750	-.00470	.00300	.00040
1.100	2.493	.10850	.05210	.10090	.02790	.13220	-.01500	-.05840	-.05030	.03110	-.02040
1.103	4.562	.10070	.05250	.10340	.02810	.14620	-.01520	-.07110	-.09560	.05970	-.04030
1.098	6.671	.09790	.05390	.10300	.02890	.15960	-.01560	-.08330	-.13950	.08590	-.05900
	GRADIENT	-.00093	-.00006	-.00009	.00001	-.00109	-.00003	.00046	-.02171	.01339	-.00977

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P012) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALPHAO	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.248	-5.933	-.02810	.05050	.11720	.02650	.18870	-.01410	-.10490	.13930	-.08660	.05980
1.249	-3.826	-.01630	.04870	.11750	.02580	.18080	-.01370	-.10010	.09030	-.05570	.04010
1.250	-1.703	-.00950	.04810	.11490	.02540	.16810	-.01350	-.09120	.03980	-.02410	.01970
1.250	.384	-.00800	.04730	.11260	.02500	.15890	-.01340	-.08450	-.00510	.00330	.00050
1.252	2.498	-.01590	.04780	.11400	.02540	.15750	-.01360	-.08410	-.04990	.03110	-.01860
1.251	4.577	-.02150	.04690	.11520	.02510	.16790	-.01350	-.09430	-.09530	.05980	-.03720
1.250	6.693	-.03160	.04840	.11400	.02600	.17270	-.01410	-.09970	-.14350	.08990	-.05640
	GRADIENT	-.00080	-.00019	-.00026	-.00007	-.00174	.00001	.00089	-.02194	.01362	-.00918

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P013) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.896	-5.832	-5.94590	.04230	.04180	.02320	-.09050	-.01280	.07180	.16050	-.09980	.04460
-7.925	-3.836	-3.93750	.04130	.04350	.02260	-.10450	-.01250	.08140	.10700	-.06510	.02850
-7.893	.057	-.00890	.03810	.04130	.02060	-.12180	-.01120	.09550	.00680	-.00210	-.00010
-7.839	4.000	3.98970	.03980	.04080	.02200	-.11410	-.01220	.08590	-.10500	.06800	-.03110
-7.855	6.011	6.02340	.04170	.03900	.02280	-.10740	-.01260	.07830	-.16180	.10470	-.04760
	GRADIENT	1.01159	-.00019	-.00034	-.00008	-.00122	.00004	.00057	-.02706	.01699	-.00761

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.969	-5.880	-6.00200	.04110	.04340	.02280	.04440	-.01270	-.02090	.15040	-.09630	.04470
-3.947	-3.907	-4.02610	.03990	.04510	.02210	.03240	-.01220	-.01170	.10250	-.06470	.02900
-3.864	.062	-.00340	.03660	.04400	.01970	.00100	-.01070	.01100	.00780	-.00420	.00100
-3.824	3.945	3.97350	.03830	.04310	.02120	-.00220	-.01180	.00880	-.09660	.06160	-.02900
-3.813	5.894	5.94660	.03950	.04130	.02180	.01010	-.01210	-.00240	-.14720	.09500	-.04480
	GRADIENT	1.01873	-.00021	-.00025	-.00012	-.00442	.00005	.00262	-.02535	.01608	-.00739

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P013) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.133	-6.507	-6.60980	.03950	.03670	.02190	.16470	-.01220	-.10350	.14510	-.09400	.04800
-.113	-4.455	-4.55830	.03870	.03930	.02130	.15610	-.01180	-.09730	.10000	-.06410	.03210
-.086	-.342	-.44540	.03540	.03880	.01900	.13900	-.01030	-.08390	.01250	-.00670	.00100
-.067	3.763	3.65990	.03700	.03870	.02020	.13670	-.01110	-.08530	-.06830	.04590	-.02740
-.065	5.825	5.72150	.03900	.03700	.02140	.14150	-.01190	-.09200	-.11230	.07620	-.04300
	GRADIENT	1.00004	-.00021	-.00007	-.00013	-.00236	.00009	.00146	-.02048	.01339	-.00724

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.167	-6.004	-5.95470	.03730	.03130	.02070	.27610	-.01150	-.18300	.10800	-.07340	.04630
4.146	-4.006	-3.97850	.03570	.03390	.01970	.26840	-.01090	-.17680	.07130	-.04840	.03070
4.163	.063	.00040	.03500	.03320	.01910	.25910	-.01050	-.16690	.01000	-.00750	.00280
4.082	4.092	3.97320	.03490	.03350	.01940	.27050	-.01080	-.17730	-.05750	.03750	-.02600
4.043	6.076	5.95210	.03660	.03130	.02050	.27450	-.01150	-.18270	-.09610	.06450	-.04100
	GRADIENT	.98201	-.00010	-.00005	-.00004	.00026	.00001	-.00006	-.01591	.01061	-.00700

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P014) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.963	-5.929	-6.04470	.04190	.03780	.02290	-.08800	-.01260	.06980	.16200	-.10110	.04560
-7.865	-3.825	-3.92840	.03990	.03920	.02160	-.09700	-.01170	.07650	.10510	-.06430	.02850
-7.887	.047	-.02000	.03760	.03760	.02040	-.12350	-.01110	.09410	.00470	-.00090	-.00010
-7.799	4.055	4.04490	.03940	.03720	.02180	-.11240	-.01210	.08220	-.10940	.07040	-.03170
-7.855	5.972	5.98400	.04110	.03560	.02260	-.10680	-.01250	.07550	-.16460	.10610	-.04770
	GRADIENT	1.01185	-.00006	-.00025	.00003	-.00193	-.00005	.00070	-.02723	.01710	-.00764

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P014) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.973	-5.870	-5.99320	.04080	.04030	.02260	.04760	-.01260	-.02420	.14900	-.09520	.04440
-3.896	-3.860	-3.98150	.03960	.04170	.02190	.03640	-.01210	-.01600	.09940	-.06230	.02830
-3.913	.055	-.00950	.03610	.04030	.01950	.00080	-.01060	.00840	.00560	-.00250	.00060
-3.829	3.943	3.97230	.03780	.03930	.02090	.00250	-.01160	.00370	-.10110	.06430	-.02950
-3.828	5.914	5.96440	.03910	.03780	.02160	.01200	-.01200	-.00590	-.15210	.09810	-.04550
	GRADIENT	1.01939	-.00023	-.00031	-.00013	-.00435	.00006	.00253	-.02569	.01622	-.00741

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.133	-6.507	-6.60980	.03950	.03670	.02190	.16470	-.01220	-.10350	.14510	-.09400	.04800
-.113	-4.455	-4.55830	.03870	.03930	.02130	.15613	-.01180	-.09730	.10000	-.06410	.03210
-.086	-.342	-.44540	.03540	.03880	.01900	.13900	-.01030	-.08390	.01250	-.00670	.00100
-.067	3.763	3.65990	.03700	.03870	.02020	.13670	-.01110	-.08530	-.06830	.04590	-.02740
-.065	5.825	5.72150	.03900	.03700	.02140	.14150	-.01190	-.09200	-.11230	.07620	-.04300
	GRADIENT	1.00004	-.00021	-.00007	-.00013	-.00236	.00009	.00146	-.02048	.01339	-.00724

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.176	-5.987	-5.93670	.03690	.02800	.02050	.28190	-.01140	-.18790	.10400	-.07030	.04520
4.164	-4.033	-4.00010	.03560	.03030	.01960	.27250	-.01090	-.18120	.06820	-.04600	.03040
4.143	.054	-.01250	.03460	.03040	.01890	.26030	-.01030	-.16970	.00650	-.00500	.00220
4.078	4.103	3.98360	.03460	.03040	.01920	.27300	-.01070	-.18090	-.05970	.03940	-.02660
4.069	6.114	5.99000	.03640	.02820	.02040	.27870	-.01140	-.18740	-.09950	.06730	-.04210
	GRADIENT	.98132	-.00012	.00001	-.00005	.00006	.00002	.00004	-.01572	.01050	-.00701

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P015) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.977	-5.848	-5.94750	.04770	.06870	.02550	-.09830	-.01370	.08800	.17430	-.10710	.04970
-7.941	-3.825	-3.92220	.04570	.06940	.02470	-.11300	-.01340	.09820	.11430	-.06860	.03120
-7.916	.077	-.00220	.04290	.06540	.02270	-.14920	-.01210	.12340	.00900	-.00430	.00080
-7.880	4.019	3.97850	.04670	.06620	.02470	-.13240	-.01320	.10700	-.11360	.07120	-.03440
-7.857	6.024	6.00240	.04820	.06560	.02540	-.12270	-.01350	.09860	-.17660	.11140	-.05330
	GRADIENT	1.00723	.00013	-.00041	.00000	-.00246	.00002	.00111	-.02906	.01782	-.00836

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-4.030	-5.941	-6.03570	.04470	.06570	.02410	.04760	-.01310	-.01490	.15880	-.09960	.04850
-3.980	-3.924	-4.02290	.04290	.06640	.02330	.03230	-.01270	-.00510	.10690	-.06580	.03130
-3.921	.073	-.00510	.04010	.06210	.02130	-.01140	-.01150	.02470	.01040	-.00630	.00140
-3.858	3.999	3.99140	.04400	.06320	.02380	.00850	-.01300	.00650	-.10030	.06190	-.03230
-3.826	5.937	5.94850	.04580	.06310	.02480	.01960	-.01360	-.00270	-.15430	.09680	-.04990
	GRADIENT	1.01150	.00014	-.00041	.00006	-.00303	-.00004	.00148	-.02615	.01611	-.00803

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.193	-6.638	-6.70130	.04330	.06270	.02340	.18700	-.01270	-.11050	.15530	-.10040	.05400
-.168	-4.557	-4.62000	.04130	.06370	.02230	.17560	-.01210	-.10310	.10830	-.06890	.03670
-.137	-.387	-.44990	.03920	.05750	.02070	.14730	-.01100	-.08400	.01840	-.01090	.00370
-.125	3.768	3.70450	.04190	.05900	.02220	.15460	-.01190	-.09170	-.06710	.04330	-.02920
-.126	5.853	5.78990	.04380	.06050	.02330	.15870	-.01260	-.09630	-.11330	.07400	-.04640
	GRADIENT	1.00000	.00007	-.00057	-.00001	-.00253	.00002	.00137	-.02107	.01348	-.00792

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.168	-5.967	-5.95770	.04190	.05870	.02250	.33040	-.01220	-.21650	.11050	-.07300	.04610
4.132	-3.961	-3.97200	.04000	.05860	.02130	.32030	-.01140	-.21020	.07510	-.04920	.03190
4.099	.072	-.00580	.03920	.05520	.02120	.29000	-.01150	-.18720	.00730	-.00590	.00280
4.028	4.069	3.97020	.04140	.05650	.02210	.30720	-.01190	-.20170	-.06360	.03950	-.02740
3.995	6.030	5.93420	.04450	.05730	.02390	.30750	-.01290	-.20330	-.10340	.06530	-.04260
	GRADIENT	.98900	.00017	-.00026	.00010	-.00164	-.00006	.00107	-.01727	.01104	-.00738

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P016) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-8.041	-5.891	-6.03140	.05220	.08260	.02770	-.12130	-.01480	.11360	.17850	-.10890	.05390
-7.979	-3.871	-4.01560	.04930	.08380	.02640	-.13870	-.01420	.12610	.11570	-.06800	.03450
-7.923	.111	-.01830	.04560	.08020	.02430	-.16930	-.01310	.14610	.00820	-.00340	.00170
-7.836	4.075	3.99020	.04960	.08050	.02620	-.15490	-.01390	.13180	-.11680	.07380	-.03580
-7.812	6.056	5.99410	.05220	.07960	.02740	-.14280	-.01450	.12040	-.17960	.11460	-.05520
	GRADIENT	1.00759	.00004	-.00042	-.00003	-.00204	.00004	.00072	-.02926	.01785	-.00885

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-4.045	-5.874	-5.99600	.05000	.07980	.02670	.03120	-.01440	.00380	.15720	-.09670	.05080
-4.065	-3.949	-4.08370	.04680	.08000	.02510	.01160	-.01360	.01660	.10540	-.06250	.03300
-3.959	.128	-.00090	.04300	.07620	.02300	-.03360	-.01240	.04730	.00760	-.00390	.00180
-3.808	4.023	3.97970	.04680	.07750	.02530	-.01310	-.01370	.02910	-.10270	.06330	-.03290
-3.797	5.989	5.97390	.04980	.07720	.02650	-.00040	-.01420	.01800	-.15720	.09850	-.05110
	GRADIENT	1.01139	-.00001	-.00032	.00002	-.00316	-.00001	.00161	-.02609	.01577	-.00826

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.246	-6.657	-6.71990	.04850	.07580	.02590	.17990	-.01400	-.10210	.14810	-.09130	.05500
-.222	-4.576	-4.63960	.04570	.07690	.02450	.16390	-.01320	-.09130	.10010	-.06020	.03720
-.195	-.392	-.45560	.04280	.07250	.02280	.12470	-.01230	-.06300	.01460	-.00760	.00390
-.186	3.784	3.72120	.04450	.07390	.02380	.13760	-.01280	-.07540	-.06880	.04350	-.03020
-.186	5.869	5.80580	.04770	.07460	.02540	.14530	-.01360	-.08350	-.11260	.07180	-.04710
	GRADIENT	1.00000	-.00014	-.00036	-.00008	-.00315	.00005	.00190	-.02020	.01240	-.00806

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.189	-5.916	-5.93490	.04470	.07070	.02360	.32650	-.01260	-.21010	.10140	-.06390	.04620
4.143	-3.897	-3.94460	.04250	.07040	.02250	.31120	-.01200	-.20040	.06380	-.03850	.03030
4.129	.123	-.00690	.04300	.06640	.02320	.28150	-.01260	-.17680	.00460	-.00350	.00220
3.986	4.112	3.97610	.04370	.06880	.02350	.29830	-.01270	-.19170	-.05910	.03510	-.02680
3.951	6.049	5.92500	.04720	.07030	.02550	.29810	-.01390	-.19210	-.09700	.05950	-.04220
	GRADIENT	.98899	.00015	-.00020	.00012	-.00162	-.00009	.00109	-.01534	.00919	-.00713

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P017) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-8.066	-5.885	-6.06840	.06350	.10750	.03320	-.15340	-.01750	.15320	.17890	-.10780	.06050
-7.985	-3.816	-4.00830	.06120	.10840	.03230	-.16680	-.01720	.16170	.11640	-.06820	.03870
-7.892	.189	.00450	.05660	.10550	.03000	-.20080	-.01600	.18540	.00390	.00140	.00050
-7.821	4.095	3.96230	.05760	.10570	.03030	-.18930	-.01610	.17420	-.11650	.07480	-.03920
-7.789	6.119	6.01540	.05890	.10470	.03090	-.17190	-.01640	.15920	-.17840	.11290	-.06000
	GRADIENT	1.00750	-.00046	-.00034	-.00025	-.00287	.00014	.00160	-.02943	.01807	-.00985

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-4.117	-5.871	-6.02230	.06190	.10540	.03270	.02060	-.01740	.02440	.15340	-.09310	.05930
-4.067	-3.871	-4.04330	.05970	.10480	.03180	.00060	-.01710	.03880	.10240	-.06040	.03910
-3.907	.178	-.00550	.05460	.10050	.02920	-.04350	-.01570	.06970	.00440	-.00030	.00170
-3.775	4.048	3.96900	.05420	.10270	.02890	-.02220	-.01560	.05080	-.10220	.06400	-.03760
-3.742	6.025	5.98300	.05570	.10370	.02980	-.00300	-.01610	.03420	-.15500	.09680	-.05750
	GRADIENT	1.01159	-.00070	-.00027	-.00037	-.00294	.00019	.00156	-.02582	.01570	-.00968

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.333	-6.691	-6.75500	.05920	.10450	.03130	.17260	-.01670	-.08470	.14850	-.09080	.06530
-.310	-4.587	-4.65200	.05640	.10330	.03010	.15360	-.01620	-.07150	.10280	-.06240	.04530
-.279	-.387	-.45160	.05520	.10000	.02940	.11060	-.01580	-.03840	.01540	-.00820	.00510
-.262	3.794	3.72910	.05470	.10230	.02900	.12470	-.01550	-.05300	-.07030	.04530	-.03450
-.261	5.897	5.83310	.05580	.10480	.02990	.13990	-.01620	-.06870	-.11480	.07360	-.05360
	GRADIENT	1.00002	-.00020	-.00012	-.00013	-.00345	.00008	.00221	-.02065	.01285	-.00952

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.228	-5.914	-5.96220	.05390	.10030	.02840	.32770	-.01510	-.20210	.10530	-.06560	.05360
4.228	-3.911	-3.99550	.05350	.10020	.02840	.30910	-.01520	-.18910	.06870	-.04230	.03660
4.113	.179	-.00400	.05440	.09870	.02920	.28050	-.01580	-.16610	.00300	-.00210	.00160
3.966	4.159	3.98290	.05520	.09880	.02940	.28520	-.01570	-.17100	-.06320	.03850	-.03240
3.917	6.091	5.93480	.05680	.09930	.03020	.29720	-.01620	-.18240	-.10050	.06200	-.04980
	GRADIENT	.98859	.00021	-.00017	.00012	-.00298	-.00006	.00226	-.01634	.01001	-.00855

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P018) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-8.019	-5.788	-5.95340	.06060	.11190	.03160	-.14590	-.01660	.14830	.17440	-.10540	.05920
-7.988	-3.828	-4.00030	.05740	.11210	.03020	-.16190	-.01600	.15890	.11560	-.06810	.03830
-7.933	.164	.00250	.05360	.10950	.02840	-.19480	-.01520	.18190	.00400	.00120	.00020
-7.845	4.098	3.98550	.05480	.11100	.02890	-.17910	-.01540	.16820	-.11470	.07400	-.03960
-7.787	6.073	5.98660	.05640	.11070	.02960	-.16100	-.01570	.15170	-.17670	.11240	-.06110
	GRADIENT	1.00762	-.00033	-.00014	-.00016	-.00219	.00008	.00118	-.02906	.01793	-.00983

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-4.078	-5.858	-5.99660	.05760	.11010	.03040	.02610	-.01620	.01980	.15420	-.09460	.05980
-4.088	-3.925	-4.07990	.05570	.10930	.02960	.00750	-.01580	.03280	.10560	-.06340	.04030
-3.917	.246	.08640	.05250	.10530	.02810	-.03080	-.01510	.05960	.00230	.00090	-.00020
-3.814	4.067	4.00320	.05180	.10850	.02760	-.01010	-.01490	.04140	-.10220	.06480	-.03930
-3.820	6.086	6.05380	.05320	.10960	.02870	.00370	-.01550	.02820	-.15500	.09740	-.05910
	GRADIENT	1.01123	-.00049	-.00011	-.00025	-.00231	.00011	.00116	-.02598	.01603	-.00996

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.312	-6.703	-6.76580	.05810	.10840	.03070	.18060	-.01630	-.09200	.15330	-.09500	.06570
-.284	-4.591	-4.65360	.05560	.10940	.02960	.16850	-.01590	-.08400	.10630	-.06580	.04530
-.256	-.388	-.45110	.05210	.10690	.02780	.13390	-.01500	-.05850	.01520	-.00770	.00500
-.248	3.798	3.73520	.05190	.10850	.02760	.13750	-.01480	-.06450	-.07290	.04790	-.03490
-.253	5.899	5.83600	.05170	.10920	.02760	.14410	-.01480	-.07320	-.11720	.07600	-.05380
	GRADIENT	1.00000	-.00044	-.00011	-.00024	-.00370	.00013	.00233	-.02136	.01355	-.00956

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.242	-5.906	-5.94430	.05180	.10660	.02740	.33520	-.01460	-.20870	.10760	-.06780	.05340
4.193	-3.905	-3.97530	.05080	.10690	.02700	.31820	-.01440	-.19690	.07230	-.04560	.03700
4.113	.154	-.00800	.05210	.10560	.02800	.28910	-.01510	-.17370	.00260	-.00210	.00130
3.982	4.145	3.98620	.05090	.10620	.02730	.30280	-.01480	-.18710	-.06570	.04100	-.03280
3.922	6.055	5.91380	.05230	.10590	.02800	.30660	-.01510	-.19190	-.10300	.06430	-.04940
	GRADIENT	.98900	.00001	-.00009	.00004	-.00193	-.00005	.00123	-.01714	.01076	-.00867

IA183,AEDC PWT 16TF-519 O T S (OTS-TS) (R8P019) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.928	-5.917	-6.00680	.05610	.11750	.02910	-.12240	-.01530	.12930	.17820	-.10870	.06220
-7.958	-3.908	-3.99740	.05370	.11740	.02800	-.14020	-.01470	.14130	.11870	-.07040	.04090
-7.918	.063	-.00660	.05130	.11460	.02700	-.16750	-.01440	.16080	.00890	-.00060	.00240
-7.899	4.029	3.99030	.05120	.11610	.02690	-.15910	-.01430	.15080	-.11210	.07500	-.03880
-7.875	6.017	5.99470	.05300	.11570	.02780	-.14900	-.01470	.14080	-.17450	.11450	-.06020
	GRADIENT	1.00636	-.00032	-.00016	-.00014	-.00238	.00005	.00120	-.02908	.01832	-.01004

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-4.039	-5.971	-6.05420	.05490	.11490	.02870	.03940	-.01510	.00700	.15630	-.09630	.05930
-3.982	-3.941	-4.02990	.05230	.11480	.02750	.02940	-.01450	.01350	.10370	-.06220	.03900
-3.955	.061	-.00920	.05000	.11300	.02650	-.00420	-.01420	.03600	.00700	-.00080	.00220
-3.861	4.009	4.00110	.04890	.11440	.02610	.00440	-.01400	.02640	-.10010	.06500	-.03570
-3.849	5.944	5.95270	.05040	.11420	.02700	.01150	-.01460	.01860	-.15180	.09780	-.05490
	GRADIENT	1.01018	-.00043	-.00005	-.00018	-.00316	.00006	.00163	-.02563	.01600	-.00940

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.216	-6.714	-6.76830	.05440	.11490	.02860	.19210	-.01510	-.10500	.15290	-.09600	.06300
-.181	-4.606	-4.65950	.05320	.11510	.02800	.18330	-.01480	-.09990	.10470	-.06540	.04310
-.146	-.399	-.45290	.04990	.11260	.02650	.15850	-.01420	-.08230	.01440	-.00760	.00480
-.134	3.796	3.74190	.04930	.11490	.02620	.15840	-.01400	-.08510	-.07070	.04660	-.03250
-.140	5.899	5.84530	.04910	.11520	.02620	.15880	-.01410	-.08790	-.11510	.07500	-.05090
	GRADIENT	1.00001	-.00046	-.00002	-.00021	-.00297	.00010	.00176	-.02088	.01333	-.00900

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOU	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.169	-5.992	-5.98750	.04980	.11590	.02660	.34010	-.01430	-.21770	.11300	-.07140	.05430
4.148	-3.993	-4.00460	.05000	.11620	.02680	.32480	-.01450	-.20780	.07610	-.04780	.03780
4.118	.062	-.01110	.04850	.11320	.02580	.30150	-.01380	-.18830	.00400	-.00180	.00310
4.028	4.067	3.97700	.04840	.11330	.02610	.30440	-.01410	-.19200	-.06610	.04270	-.03120
3.990	6.025	5.93980	.04930	.11260	.02640	.30860	-.01430	-.19670	-.10260	.06520	-.04750
	GRADIENT	.99030	-.00020	-.00036	-.00009	-.00254	.00005	.00197	-.01764	.01123	-.00856

IA183 FORCE DATA

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-7.890	.00270	-.02700	-.00290	-.00800	.02480	.00940	10.19250	5.11780	.10350	.06720
.600	-5.911	.00140	.00030	.00100	-.00220	.02390	.00850	10.18720	5.10800	.10340	.06590
.601	-3.894	.00120	.02700	.00490	.00360	.02360	.00820	10.18590	5.10490	.10300	.06270
.599	-1.895	.00060	.05480	.00890	.01010	.02350	.00710	10.18490	5.09360	.10350	.06750
.600	.069	-.00040	.07880	.01290	.01590	.02370	.00630	10.18630	5.08460	.10320	.06470
.600	2.115	-.00080	.10650	.01720	.02230	.02430	.00420	10.19010	5.05250	.10320	.06410
.599	4.086	-.00100	.13290	.02180	.02870	.02410	.00080	10.18860	5.02570	.10350	.06710
.600	6.092	.00050	.15850	.02640	.03470	.02210	-.00270	10.17740	4.98810	.10320	.06460
.600	8.127	.00240	.18400	.03100	.04020	.01920	-.00700	10.16000	4.94280	.10320	.06450
	GRADIENT	-.00029	.01319	.00211	.00312	.00009	-.00089	.00053	-.00949	.00004	.00027

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.900	-7.947	-.00670	-.02790	-.00420	-.00590	.00890	.00190	10.11830	5.04520	.06310	.07760
.898	-5.896	-.00450	.00190	.00030	.00000	.01560	.00520	10.17060	5.09310	.06310	.07620
.901	-3.977	-.00400	.02900	.00450	.00580	.01800	.00910	10.19040	5.14910	.06310	.07900
.900	-1.978	-.00560	.05790	.00900	.01240	.02070	.01060	10.21170	5.17110	.06310	.07800
.898	.080	-.00500	.08920	.01420	.01900	.02230	.00940	10.22370	5.15360	.06310	.07590
.899	2.083	-.00360	.11960	.01970	.02500	.02350	.00760	10.23380	5.12690	.06310	.07650
.900	4.074	-.00270	.14570	.02350	.02980	.02250	.00080	10.22580	5.02920	.06310	.07780
.900	6.035	.00150	.16680	.02710	.03350	.01930	-.00800	10.20050	4.90190	.06310	.07840
.900	8.059	.00240	.19530	.03060	.03790	.00030	-.01790	10.05130	4.76270	.06310	.07850
	GRADIENT	.00023	.01464	.00242	.00301	.00059	-.00097	.00462	-.01405	-.00000	-.00019

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.949	-7.962	-.00470	-.03380	-.00490	-.00560	-.01380	.01070	9.93930	5.17780	.06340	.12890
.950	-5.967	-.00370	-.00690	-.00050	-.00030	-.01120	.01240	9.96010	5.20310	.06340	.13000
.953	-3.889	-.00360	.02200	.00410	.00600	-.00690	.01390	9.99350	5.22610	.06340	.13210
.950	-1.941	-.00420	.05330	.00890	.01210	-.00320	.01300	10.02350	5.21230	.06340	.12950
.952	.075	-.00330	.08320	.01410	.01810	-.00350	.01120	10.02070	5.18600	.06340	.13110
.950	2.072	-.00310	.11530	.01960	.02380	-.00280	.00780	10.02700	5.13400	.06340	.12930
.948	4.089	-.00240	.14390	.02400	.02830	.00070	-.00250	10.05440	4.97970	.06330	.12770
.949	6.060	-.00030	.16530	.02790	.03080	-.00330	-.01290	10.02290	4.82640	.06330	.12860
.948	8.033	.00210	.18990	.03170	.03440	-.00950	-.02780	9.97370	4.61290	.06330	.12820
	GRADIENT	.00018	.01531	.00253	.00282	.00078	-.00191	.00627	-.02865	-.00001	-.00045

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW01) (02 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1307.0000 IN. XO		
LREF =	474.8000 INCHES	YMRP =	105.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	300.0000 IN. ZO		
SCALE =	.0200 SD77-S				

PARAMETRIC DATA

BETA =	.000	IR-ELV =	10.020
OR-ELV =	5.000	IL-ELV =	9.900
OL-ELV =	5.000	PHI =	.000
DIRECT =	1.000		

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.100	-7.936	.00490	-.03490	-.00570	-.00220	.03720	.01520	10.38130	5.26580	.06450	.18370
1.099	-5.957	.00360	-.00350	-.00070	.00320	.03050	.01600	10.31950	5.27810	.06450	.18390
1.102	-3.894	.00080	.03040	.00450	.00960	.02790	.01820	10.29680	5.31420	.06450	.18420
1.099	-1.913	.00070	.06250	.01020	.01540	.02380	.02020	10.25920	5.34720	.06450	.18400
1.099	.048	-.00110	.09630	.01650	.02020	.02150	.01110	10.23820	5.19720	.06450	.18400
1.099	2.047	-.00140	.12690	.02190	.02470	.01390	.00100	10.17110	5.03340	.06450	.18400
1.100	4.066	-.00290	.15580	.02640	.02850	.00350	-.00770	10.07990	4.89390	.06450	.18380
1.101	6.083	-.00390	.17810	.02980	.03210	-.00480	-.01790	10.00780	4.73120	.06450	.18360
1.102	8.041	-.00560	.19760	.03260	.03550	-.01060	-.02860	9.95740	4.56770	.06450	.18320
	GRADIENT	-.00048	.01585	.00279	.00237	-.00296	-.00357	-.02629	-.05812	-.00000	.00006

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-9.272	-.00290	-.03600	-.00730	-.00290	.05010	.01470	10.52580	5.27030	.05380	.06960
1.251	-7.062	-.00450	-.00030	-.00110	.00100	.04570	.01440	10.48230	5.26520	.05380	.06940
1.251	-4.792	-.00670	.03650	.00570	.00530	.03920	.00620	10.42010	5.12380	.05390	.06960
1.249	-2.608	-.00750	.07200	.01220	.00980	.03410	-.00120	10.37010	4.99610	.05410	.07180
1.249	-.466	-.00870	.10590	.01820	.01430	.03150	-.01010	10.34520	4.84570	.05420	.07250
1.249	1.672	-.00990	.13680	.02320	.01930	.02770	-.02020	10.30850	4.67750	.05420	.07230
1.251	3.843	-.01400	.16510	.02730	.02370	.02100	-.02940	10.24520	4.52960	.05380	.06940
1.252	5.928	-.01520	.18510	.03020	.02800	.01150	-.03590	10.15530	4.42760	.05370	.06840
1.250	8.124	-.01320	.20880	.03390	.03220	-.00080	-.04140	10.04180	4.34650	.05410	.07110
	GRADIENT	.00079	.01494	.00252	.00215	-.00199	-.00418	-.01910	-.06992	-.00000	.00000

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW02) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.601	-8.687	.02270	-.02630	-.00510	-.00840	.02590	.00820	10.19950	5.10550	.10300	.06290
.601	-4.498	-.00330	.02520	.00330	.00330	.02390	.00700	10.18770	5.09260	.10310	.06340
.600	-2.483	-.00140	.05140	.00730	.00950	.02380	.00670	10.18660	5.08910	.10340	.06610
.600	-.305	.00080	.07900	.01180	.01620	.02390	.00590	10.18750	5.08000	.10330	.06550
.600	1.740	.00190	.10350	.01610	.02250	.02440	.00420	10.19010	5.06260	.10330	.06570
.600	3.789	.00260	.12960	.02080	.02890	.02430	.00100	10.18990	5.02850	.10320	.06410
.599	7.989	-.01750	.18190	.03060	.04130	.01890	-.00670	10.15810	4.94610	.10350	.06660
	GRADIENT	.00073	.01255	.00211	.00309	.00007	-.00070	.00038	-.00743	.00000	.00005

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.099	-7.899	.00480	-.03460	-.00560	-.00210	.03730	.01510	10.38110	5.26240	.06450	.18400
1.102	-5.927	.00290	-.00280	-.00070	.00320	.03050	.01570	10.32090	5.27340	.06450	.18340
1.099	-3.895	.00200	.02910	.00450	.00950	.02750	.01730	10.29300	5.29910	.06450	.18390
1.102	-1.958	-.00100	.06400	.01020	.01520	.02380	.02040	10.26020	5.35130	.06450	.18320
1.101	.059	-.00220	.09590	.01660	.01990	.02130	.01050	10.23800	5.18920	.06450	.18340
1.099	2.060	-.00190	.12790	.02190	.02480	.01340	.00110	10.16680	5.03490	.06450	.18410
1.098	4.067	-.00210	.15470	.02650	.02840	.00350	-.00740	10.07920	4.89790	.06450	.18410
1.099	6.029	-.00240	.17730	.02970	.03210	-.00380	-.01690	10.01650	4.74700	.06450	.18410
1.099	8.087	-.00350	.19800	.03260	.03580	-.01000	-.02800	9.96280	4.57710	.06450	.18400
	GRADIENT	-.00045	.01580	.00279	.00238	-.00293	-.00345	-.02615	-.05624	-.00000	.00007

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-9.234	-.00510	-.03850	-.00720	-.00330	.05010	.01530	10.52610	5.28140	.05380	.06930
1.250	-6.992	-.00570	.00040	-.00080	.00090	.04560	.01420	10.48190	5.26230	.05400	.07040
1.248	-4.814	-.00690	.03610	.00560	.00520	.03940	.00590	10.42170	5.11920	.05440	.07340
1.249	-2.661	-.00770	.07080	.01210	.00970	.03470	-.00050	10.37590	5.00830	.05420	.07200
1.251	-.461	-.00970	.10500	.01840	.01420	.03130	-.01030	10.34400	4.84210	.05390	.06990
1.252	1.706	-.01000	.13740	.02340	.01920	.02700	-.02090	10.30220	4.66690	.05380	.06920
1.251	3.786	-.01340	.16280	.02730	.02360	.02100	-.02970	10.24580	4.52450	.05390	.07030
1.250	5.956	-.01520	.18510	.03030	.02820	.01120	-.03610	10.15250	4.42540	.05410	.07150
1.249	8.124	-.01320	.20880	.03390	.03230	-.00090	-.04150	10.04070	4.34430	.05420	.07220
	GRADIENT	-.00071	.01484	.00254	.00215	-.00206	-.00425	-.01971	-.07098	-.00007	-.00042

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-7.965	-.00320	-.02110	-.00340	-.00080	.04830	.01410	10.50920	5.26060	.05390	.07030
1.251	-5.969	-.00330	.01420	.00240	.00300	.04320	.00760	10.45890	5.14730	.05380	.06950
1.250	-3.908	-.00510	.04940	.00850	.00720	.03740	.00130	10.40320	5.03990	.05400	.07050
1.249	-1.939	-.00580	.08280	.01420	.01160	.03340	-.00520	10.36470	4.92850	.05420	.07190
1.253	.022	-.00840	.11530	.01960	.01570	.03050	-.01490	10.33600	4.76450	.05360	.06790
1.249	2.053	-.00960	.14360	.02410	.02040	.02660	-.02370	10.29810	4.62070	.05410	.07190
1.253	4.028	-.01290	.16620	.02740	.02420	.02110	-.03160	10.24670	4.49410	.05360	.06810
1.249	6.036	-.01440	.18700	.03050	.02870	.01240	-.03830	10.16390	4.39210	.05420	.07240
1.248	8.041	-.01330	.20850	.03370	.03260	.00040	-.04480	10.05290	4.29630	.05440	.07360
	GRADIENT	-.00098	.01482	.00240	.00215	-.00199	-.00424	-.01911	-.07046	-.00005	-.00024

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.102	-7.906	.00470	-.02790	-.00580	-.00130	.03730	.01490	10.38270	5.26060	.06450	.18330
1.098	-5.953	.00430	-.00060	-.00080	.00370	.03010	.01600	10.31610	5.27820	.06450	.18430
1.100	-3.954	.00130	.02990	.00430	.00980	.02730	.01740	10.29120	5.30100	.06450	.18380
1.098	-1.949	.00040	.06200	.01000	.01560	.02340	.02020	10.25610	5.34710	.06450	.18430
1.099	.031	-.00010	.09460	.01630	.02020	.02110	.01180	10.23500	5.20960	.06450	.18410
1.102	2.076	-.00370	.12490	.02200	.02430	.01340	.00060	10.16700	5.02680	.06450	.18330
1.102	4.045	-.00390	.15210	.02640	.02800	.00360	-.00850	10.08080	4.88010	.06450	.18340
1.100	6.096	-.00470	.17530	.02980	.03200	-.00480	-.01810	10.00750	4.72830	.06450	.18380
1.101	8.041	-.00390	.19780	.03260	.03570	-.00960	-.02850	9.96620	4.56850	.06450	.18360
	GRADIENT	-.00073	.01535	.00281	.00225	-.00287	-.00357	-.02547	-.05805	-.00000	-.00009

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.249	-9.234	-.00430	-.03240	-.00740	-.00240	.05000	.01520	10.52510	5.27830	.05420	.07190
1.250	-7.018	-.00540	.00200	-.00090	.00130	.04530	.01430	10.47880	5.26340	.05410	.07130
1.251	-4.803	-.00780	.03510	.00570	.00540	.03920	.00650	10.41960	5.13000	.05380	.06950
1.249	-2.675	-.00820	.06690	.01200	.00950	.03560	.00030	10.37520	5.02320	.05420	.07250
1.249	-.433	-.01040	.10340	.01830	.01410	.03120	-.01040	10.34280	4.84160	.05420	.07230
1.251	1.658	-.01170	.13460	.02310	.01890	.02720	-.02090	10.30410	4.66700	.05390	.07020
1.252	3.831	-.01340	.16080	.02720	.02340	.02080	-.02980	10.24390	4.52330	.05380	.06890
1.251	5.917	-.01480	.18200	.03020	.02790	.01130	-.03610	10.15390	4.42560	.05390	.07020
1.250	8.126	-.01320	.20600	.03390	.03210	-.00090	-.04150	10.04070	4.34510	.05410	.07120
	GRADIENT	-.00068	.01478	.00251	.00210	-.00205	-.00434	-.01955	-.07267	-.00001	-.00016

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.098	-7.905	.00450	-.02920	-.00580	-.00130	.03740	.01490	10.38140	5.25930	.06450	.18420
1.100	-5.955	.00350	-.00040	-.00080	.00370	.03040	.01570	10.31940	5.27320	.06450	.18370
1.102	-3.945	.00090	.02960	.00430	.00990	.02750	.01750	10.29350	5.30380	.06450	.18330
1.099	-1.943	.00020	.06210	.00990	.01560	.02350	.02000	10.25650	5.34310	.06450	.18410
1.102	.032	-.00230	.09520	.01650	.02010	.02110	.01080	10.23520	5.19340	.06450	.18330
1.101	2.078	-.00310	.12410	.02190	.02440	.01360	.00080	10.16830	5.03040	.06450	.18360
1.100	4.035	-.00270	.15020	.02640	.02800	.00390	-.00780	10.08350	4.89200	.06450	.18370
1.102	6.049	-.00390	.17360	.02980	.03170	-.00460	-.01830	10.00950	4.72470	.06450	.18330
1.099	8.090	-.00270	.19850	.03260	.03590	-.00860	-.02850	9.97480	4.56890	.06450	.18400
	GRADIENT	-.00053	.01517	.00281	.00225	-.00286	-.00349	-.02543	-.05687	-.00000	.00002

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.249	-9.206	-.00460	-.03090	-.00740	-.00220	.04990	.01470	10.52330	5.26960	.05420	.07190
1.249	-7.021	-.00490	.00220	-.00100	.00140	.04530	.01390	10.47890	5.25740	.05420	.07220
1.252	-4.808	-.00800	.03570	.00570	.00540	.03910	.00550	10.41930	5.11160	.05370	.06830
1.251	-2.679	-.00850	.06770	.01210	.00950	.03390	-.00150	10.36920	4.99210	.05380	.06930
1.249	-.469	-.00950	.10270	.01810	.01410	.03150	-.01080	10.34580	4.83350	.05410	.07170
1.249	1.713	-.01050	.13560	.02320	.01920	.02730	-.02130	10.30550	4.66000	.05420	.07260
1.250	3.802	-.01350	.16150	.02720	.02340	.02080	-.03050	10.24310	4.51180	.05410	.07110
1.251	5.920	-.01520	.18280	.03020	.02800	.01110	-.03670	10.15210	4.41620	.05390	.06990
1.251	8.126	-.01390	.20740	.03390	.03220	-.00100	-.04170	10.03980	4.34070	.05390	.07020
	GRADIENT	-.00060	.01479	.00250	.00211	-.00200	-.00425	-.01922	-.07087	.00006	.00041

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-8.073	.00720	-.02390	-.00360	-.00810	.02110	.00900	10.11200	5.07870	.10350	.06680
.600	-5.971	.00540	-.00280	.00080	-.00290	.02030	.00800	10.10760	5.06770	.10330	.06530
.600	-3.863	.00260	.02170	.00490	.00300	.02020	.00800	10.10660	5.06780	.10330	.06540
.600	-1.762	-.00180	.04480	.00930	.00900	.02030	.00770	10.10750	5.06540	.10330	.06480
.601	.280	-.00640	.06890	.01360	.01490	.02060	.00750	10.10990	5.06300	.10290	.06130
.600	2.384	-.01190	.09350	.01800	.02110	.02060	.00550	10.10670	5.04080	.10330	.06570
.599	4.460	-.01750	.12250	.02270	.02780	.02070	.00210	10.10900	5.00450	.10350	.06690
.601	6.561	-.02160	.15220	.02780	.03430	.01780	-.00220	10.09310	4.95960	.10290	.06210
.600	8.661	-.02740	.17980	.03260	.03960	.01600	-.00630	10.08260	4.91610	.10340	.06590
	GRADIENT	-.00242	.01204	.00213	.00297	.00006	-.00067	.00029	-.00728	.00002	.00019

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.899	-8.261	.00060	-.03190	-.00500	-.00710	.00070	.00170	9.99630	5.00760	.06310	.07730
.899	-6.072	-.00400	-.00220	.00010	-.00120	.00780	.00220	10.05110	5.01480	.06310	.07710
.899	-3.931	-.00660	.02400	.00500	.00470	.01160	.00550	10.08040	5.06270	.06310	.07750
.901	-1.818	-.01060	.05110	.00990	.01130	.01500	.01080	10.10730	5.13850	.06310	.07870
.901	.330	-.01440	.08200	.01490	.01800	.01720	.01090	10.12490	5.14070	.06310	.07920
.901	2.457	-.02050	.11760	.02060	.02430	.01810	.00760	10.13210	5.09310	.06310	.07950
.901	4.572	-.02430	.14520	.02480	.02910	.01570	.00050	10.11320	4.98970	.06310	.07870
.901	6.693	-.02720	.16980	.02840	.03270	.00970	-.00960	10.06630	4.84460	.06310	.07900
.902	8.850	-.03560	.19950	.03240	.03720	-.00660	-.01900	9.94070	4.71300	.06310	.07970
	GRADIENT	-.00213	.01452	.00236	.00290	.00053	-.00062	.00425	-.00899	-.00000	.00015

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.097	-8.425	-.00440	-.03670	-.00660	-.00150	.03150	.01640	10.26880	5.25020	.06450	.18450
1.098	-6.230	-.00450	-.00840	-.00120	.00390	.02600	.01660	10.21920	5.25200	.06450	.18410
1.098	-4.050	-.00730	.02280	.00430	.00980	.02220	.01810	10.18490	5.27580	.06450	.18430
1.101	-1.859	-.00730	.05780	.01040	.01600	.02020	.02100	10.16740	5.32390	.06450	.18340
1.101	.293	-.01040	.09300	.01720	.02070	.01660	.01140	10.13580	5.16840	.06450	.18350
1.103	2.459	-.01370	.12520	.02310	.02500	.00820	-.00030	10.06250	4.97730	.06450	.18300
1.102	4.587	-.01780	.15330	.02790	.02850	-.00190	-.00960	9.97490	4.82840	.06450	.18340
1.102	6.722	-.01940	.17350	.03090	.03210	-.00950	-.01990	9.90940	4.66610	.06450	.18330
1.101	8.872	-.02400	.19610	.03370	.03580	-.01660	-.03070	9.85030	4.50380	.06450	.18360
	GRADIENT	-.00127	.01521	.00277	.00215	-.00278	-.00355	-.02428	-.05742	.00000	-.00010

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-8.503	.00650	-.03130	-.00520	-.00130	.04960	.01650	10.45960	5.26740	.05380	.06930
1.251	-6.264	.00330	.00410	.00090	.00240	.04530	.01080	10.41730	5.16850	.05380	.06940
1.251	-4.015	.00240	.04080	.00770	.00680	.03950	.00210	10.36160	5.01770	.05390	.06990
1.249	-1.873	-.00010	.07420	.01390	.01140	.03500	-.00560	10.31740	4.88700	.05410	.07180
1.249	.301	-.00450	.10830	.01970	.01590	.03190	-.01520	10.28810	4.72660	.05420	.07250
1.249	2.474	-.00990	.13660	.02470	.02060	.02700	-.02620	10.24140	4.54820	.05420	.07190
1.250	4.595	-.01530	.15770	.02820	.02440	.01960	-.03540	10.17230	4.40570	.05400	.07100
1.251	6.743	-.02180	.17850	.03110	.02860	.00820	-.04180	10.06660	4.31010	.05390	.06980
1.250	8.897	-.02570	.20280	.03460	.03230	-.00440	-.04570	9.95190	4.25480	.05410	.07140
	GRADIENT	-.00210	.01374	.00240	.00206	-.00222	-.00443	-.02107	-.07248	.00001	.00011

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.248	-8.473	.03490	-.03000	-.00520	-.00010	.05060	.01630	10.46940	5.26400	.05430	.07280
1.247	-6.271	.02470	.00620	.00120	.00370	.04600	.01030	10.42440	5.16050	.05440	.07380
1.249	-4.056	.01630	.04000	.00790	.00720	.04010	.00300	10.36780	5.03480	.05420	.07220
1.250	-1.855	.00660	.07430	.01430	.01190	.03540	-.00550	10.32200	4.88830	.05410	.07120
1.249	.309	-.00670	.10900	.02000	.01640	.03200	-.01570	10.28910	4.71840	.05420	.07210
1.251	2.478	-.01920	.13860	.02480	.02110	.02710	-.02650	10.24260	4.54300	.05380	.06930
1.249	4.604	-.03230	.15970	.02820	.02480	.01920	-.03460	10.16820	4.41790	.05420	.07230
1.251	6.757	-.04520	.18250	.03130	.02940	.00750	-.04130	10.05970	4.31750	.05390	.06960
1.248	8.868	-.05860	.20630	.03460	.03280	-.00420	-.04590	9.95360	4.25130	.05440	.07360
	GRADIENT	-.00568	.01403	.00236	.00205	-.00231	-.00444	-.02209	-.07294	-.00001	-.00008

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.549	-3.901	.00630	.04140	.00680	-.00050	.01270	-.03110	10.17380	4.47420	-.06360	.16870
1.549	-1.728	.00590	.07120	.01220	.00170	.00110	-.03910	10.06030	4.34550	-.06390	.17050
1.550	-.629	.00460	.08640	.01500	.00290	-.00450	-.04160	10.00550	4.30730	-.06440	.17320
1.550	.470	.00520	.10320	.01770	.00460	-.00950	-.04350	9.95730	4.27910	-.06420	.17240
1.549	2.634	.00620	.13370	.02270	.00960	-.01640	-.04670	9.89250	4.23070	-.06380	.17000
1.550	4.785	.00460	.15900	.02590	.01640	-.02280	-.05100	9.83180	4.16820	-.06430	.17270
1.550	5.838	.00350	.17230	.02770	.01910	-.02720	-.05280	9.79150	4.14290	-.06430	.17290
	GRADIENT	-.00012	.01371	.00223	.00194	-.00404	-.00215	-.03883	-.03292	-.00005	.00029

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.550	-6.172	-.00510	.00480	.00140	-.00390	.03280	-.01780	10.31510	4.66820	-.06450	.17380
1.550	-3.979	-.00780	.03680	.00660	-.00180	.01890	-.02850	10.17570	4.48620	-.06390	.17060
1.550	-1.786	-.01200	.06940	.01230	.00100	.00800	-.03560	10.06820	4.37040	-.06410	.17180
1.550	.409	-.01690	.10190	.01790	.00440	-.00190	-.04040	9.97230	4.29570	-.06420	.17240
1.550	2.595	-.02240	.13290	.02300	.00850	-.00850	-.04460	9.90990	4.23250	-.06420	.17230
1.549	4.732	-.03070	.15390	.02650	.01420	-.01470	-.04860	9.85170	4.17330	-.06390	.17050
1.552	5.804	-.03170	.16010	.02840	.01640	-.02040	-.05090	9.79850	4.14070	-.06560	.17970
	GRADIENT	-.00258	.01366	.00232	.00181	-.00384	-.00226	-.03700	-.03504	-.00000	.00002

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.600	-6.507	-.06870	.10860	.01470	.02020	.00580	.00810	10.05330	5.08730	.10320	.06430
.600	-4.455	-.04890	.10590	.01410	.01960	.00860	.00960	10.06930	5.09240	.10320	.06460
.600	-.342	-.02200	.09490	.01230	.01800	.02020	.00840	10.13670	5.09040	.10310	.06370
.601	3.763	-.00490	.08720	.01130	.01570	.02550	.00750	10.16800	5.08010	.10290	.06210
.600	5.825	.00010	.08640	.01110	.01460	.02690	.00680	10.17550	5.07280	.10330	.06490
	GRADIENT	.00535	-.00228	-.00034	-.00047	.00206	-.00013	.01201	-.00150	-.00004	-.00030

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.900	-6.638	-.11550	.11800	.01730	.02490	-.01460	-.00560	9.90890	4.92000	.06310	.07770
.899	-4.557	-.09050	.10950	.01630	.02320	-.01510	-.00440	9.90520	4.93690	.06310	.07720
.901	-.387	-.05820	.09110	.01370	.01960	.01240	.00230	10.11670	5.03380	.06310	.07880
.900	3.768	-.04690	.07430	.01140	.01560	.02430	.00510	10.21030	5.07440	.06310	.07840
.900	5.853	-.04830	.06940	.01060	.01370	.02570	.00720	10.22170	5.10450	.06310	.07810
	GRADIENT	.00524	-.00423	-.00059	-.00091	.00473	.00114	.03666	.01652	.00000	.00014

IA183,AEDC PWT 16TF-51B O T S (WING-ELEVON) (R8PW10) (02 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1307.0000 IN. XO		
LREF =	474.8000 INCHES	YMRP =	105.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	300.0000 IN. ZO		
SCALE =	.0200 SD77-S				

PARAMETRIC DATA

ALPHA =	.000	IR-ELV =	10.020
OR-ELV =	5.000	IL-ELV =	9.900
OL-ELV =	5.000	PHI =	90.000
DIRECT =	1.000		

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.949	-6.657	-.11670	.12080	.01890	.02400	-.02520	-.00430	9.82270	4.93550	.06340	.12900
.949	-4.576	-.09300	.11110	.01780	.02230	-.02940	-.00080	9.79100	4.98790	.06340	.12900
.950	-.392	-.06540	.08540	.01410	.01850	-.00940	.00450	9.94590	5.06810	.06340	.12910
.950	3.784	-.05680	.06800	.01100	.01530	-.00430	.00620	9.98620	5.09250	.06340	.12930
.950	5.869	-.05690	.06290	.01020	.01410	-.00210	.00520	10.00350	5.07730	.06340	.12900
	GRADIENT	.00433	-.00516	-.00081	-.00084	.00300	.00084	.02335	.01251	-.00000	.00004

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.101	-6.691	-.14970	.14390	.02380	.02100	-.00970	.01200	9.93680	5.19600	.06450	.18350
1.098	-4.587	-.12610	.12670	.02140	.02100	-.00510	.01750	9.97630	5.28570	.06450	.18420
1.097	-.387	-.09480	.08710	.01580	.01990	.01490	.01700	10.14930	5.27720	.06450	.18440
1.099	3.794	-.07770	.05840	.01110	.01810	.02080	.00240	10.20230	5.03820	.06450	.18410
1.101	5.897	-.07740	.05400	.00950	.01690	.02470	-.00940	10.23770	4.84900	.06450	.18350
	GRADIENT	.00578	-.00815	-.00123	-.00035	.00309	-.00180	.02698	-.02951	-.00000	-.00001

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.148	-6.703	-.14910	.14800	.02380	.01800	-.00500	.01640	9.97600	5.27290	.06310	.16240
1.152	-4.591	-.12410	.13440	.02200	.01820	.00300	.01780	10.04700	5.29590	.06300	.16020
1.151	-.388	-.09510	.10110	.01760	.01830	.02830	.00570	10.27560	5.09400	.06300	.16090
1.148	3.798	-.08550	.06900	.01240	.01760	.03090	-.00900	10.29970	4.85300	.06320	.16270
1.149	5.899	-.09090	.05790	.01020	.01660	.03430	-.01800	10.33100	4.70660	.06310	.16190
	GRADIENT	.00460	-.00780	-.00114	-.00007	.00333	-.00319	.03014	-.05279	.00002	.00030

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.247	-6.714	-.14190	.14990	.02400	.01270	.00590	.00990	10.07440	5.17060	.05440	.07400
1.251	-4.606	-.11180	.13920	.02280	.01330	.01600	.00370	10.16900	5.06450	.05380	.06960
1.251	-.399	-.07620	.11060	.01930	.01530	.03390	-.01080	10.33860	4.81700	.05380	.06960
1.252	3.796	-.05520	.08090	.01500	.01650	.03120	-.02580	10.31210	4.57200	.05370	.06860
1.249	5.899	-.06850	.06790	.01270	.01630	.02850	-.03240	10.28610	4.46850	.05410	.07160
	GRADIENT	.00555	-.00694	-.00093	.00038	.00181	-.00351	.01704	-.05862	-.00001	-.00012

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-6.510	-.06250	.09740	.01510	.01900	.00800	.00660	10.06580	5.07090	.10350	.06690
.600	-4.431	-.04580	.09430	.01440	.01830	.01090	.00710	10.08260	5.07640	.10330	.06510
.600	-2.384	-.03210	.08690	.01340	.01750	.01640	.00750	10.11460	5.08010	.10320	.06450
.600	-.330	-.02340	.08330	.01270	.01660	.02260	.00740	10.15020	5.07930	.10330	.06510
.600	1.727	-.01530	.07910	.01210	.01570	.02600	.00710	10.17060	5.07660	.10310	.06390
.600	3.780	-.01100	.07480	.01180	.01440	.02770	.00680	10.17970	5.07280	.10340	.06640
.600	5.829	-.00910	.07310	.01160	.01320	.02890	.00620	10.18700	5.06670	.10330	.06540
	GRADIENT	.00421	-.00228	-.00032	-.00047	.00210	-.00005	.01218	-.00052	.00000	.00010

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.900	-6.642	-.11480	.10900	.01740	.02380	-.01090	.00700	9.93650	5.10200	.06310	.07810
.900	-4.554	-.09040	.10230	.01670	.02220	-.01100	.01000	9.93580	5.14500	.06310	.07760
.900	-2.463	-.07440	.09280	.01540	.02020	-.00280	.01050	9.99850	5.15170	.06310	.07830
.899	-.397	-.06120	.08260	.01400	.01810	.01740	.01060	10.15540	5.15420	.06310	.07700
.899	1.684	-.05440	.07370	.01280	.01600	.02690	.01170	10.23090	5.17010	.06310	.07710
.899	3.770	-.05170	.06750	.01210	.01380	.02770	.01130	10.23720	5.16420	.06310	.07720
.900	5.847	-.05660	.06160	.01140	.01170	.02850	.01170	10.24370	5.16960	.06310	.07790
	GRADIENT	.00468	-.00426	-.00057	-.00101	.00515	.00018	.04015	.00273	.00000	-.00010

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-5.840	-.01660	.08460	.01500	.01680	.00600	.00610	10.05400	5.06500	.10360	.06820
.599	-3.778	-.01330	.08100	.01420	.01580	.00950	.00650	10.07460	5.06940	.10350	.06710
.599	-1.715	-.01380	.07500	.01330	.01500	.01560	.00660	10.10980	5.07080	.10350	.06660
.600	.326	-.01850	.07160	.01250	.01400	.02190	.00650	10.14600	5.06970	.10340	.06590
.600	2.380	-.02390	.06520	.01210	.01260	.02430	.00620	10.16000	5.06590	.10340	.06630
.599	4.432	-.02880	.06330	.01200	.01160	.02580	.00580	10.16870	5.06190	.10350	.06710
.601	6.502	-.03590	.06120	.01190	.01040	.02770	.00520	10.18100	5.05570	.10290	.06190
	GRADIENT	-.00200	-.00220	-.00027	-.00053	.00201	-.00009	.01162	-.00097	-.00000	-.00001

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.899	-5.880	-.05560	.10800	.01730	.02320	-.01550	.00910	9.90210	5.13220	.06310	.07700
.899	-3.803	-.05190	.10100	.01620	.02130	-.01370	.01170	9.91520	5.17010	.06310	.07640
.899	-1.717	-.04980	.09310	.01500	.01900	.00300	.01110	10.04370	5.16110	.06310	.07660
.900	.380	-.05260	.08200	.01360	.01670	.02130	.01210	10.18650	5.17560	.06310	.07820
.901	2.454	-.05760	.07160	.01250	.01440	.02660	.01260	10.22930	5.18380	.06310	.07930
.901	4.527	-.06580	.06640	.01220	.01230	.02740	.01220	10.23590	5.17720	.06310	.07920
.900	6.628	-.07810	.06060	.01180	.01010	.03050	.01160	10.26030	5.16880	.06310	.07790
	GRADIENT	-.00171	-.00435	-.00050	-.00108	.00508	.00012	.03973	.00177	.00000	.00040

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.097	-5.931	-.08330	.13650	.02360	.02010	-.01180	.01340	9.91950	5.21730	.06450	.18440
1.098	-3.814	-.07470	.12120	.02140	.01980	-.00740	.01940	9.95640	5.31480	.06450	.18420
1.100	-1.718	-.07290	.10320	.01900	.01890	.00610	.01910	10.07260	5.31110	.06450	.18370
1.102	.379	-.07460	.08310	.01630	.01820	.01980	.01210	10.19390	5.19750	.06450	.18310
1.100	2.493	-.07520	.06340	.01360	.01700	.01870	.00680	10.18340	5.11070	.06450	.18380
1.103	4.562	-.08230	.05140	.01170	.01570	.02140	-.00200	10.20810	4.96840	.06450	.18310
1.098	6.671	-.08610	.03950	.01010	.01400	.02400	-.00910	10.23190	4.85430	.06450	.18410
	GRADIENT	-.00083	-.00856	-.00118	-.00048	.00335	-.00263	.02930	-.04260	-.00000	-.00010

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.248	-5.933	-.10100	.13530	.02380	.01150	.00520	.00770	10.06760	5.13260	.05430	.07290
1.249	-3.826	-.08790	.12530	.02250	.01210	.01700	.00240	10.17720	5.04150	.05410	.07160
1.250	-1.703	-.08070	.11010	.02090	.01270	.02690	-.00400	10.27160	4.93200	.05410	.07130
1.250	.384	-.07900	.09720	.01890	.01400	.03170	-.01230	10.31610	4.79220	.05400	.07100
1.252	2.498	-.08470	.07870	.01660	.01430	.03060	-.02020	10.30630	4.66110	.05380	.06890
1.251	4.577	-.09130	.06770	.01500	.01450	.02770	-.02730	10.27850	4.54700	.05390	.06980
1.250	6.693	-.10280	.05310	.01300	.01390	.02480	-.03340	10.25030	4.45310	.05410	.07120
	GRADIENT	-.00051	-.00698	-.00092	.00030	.00120	-.00360	.01132	-.05997	-.00003	-.00029

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.896	-5.832	-7.93860	-.00520	-.00320	-.00380	.01200	.00580	10.11210	5.07610	.10320	.06400
-7.925	-3.836	-7.98920	-.00620	-.00340	-.00420	.01510	.00730	10.13330	5.09360	.10290	.06150
-7.893	.057	-7.99600	-.00730	-.00350	-.00410	.02490	.00890	10.19300	5.11240	.10330	.06540
-7.839	4.000	-7.96090	-.00340	-.00230	-.00410	.02810	.00960	10.20870	5.11770	.10330	.06530
-7.855	6.011	-7.97550	.00160	-.00170	-.00420	.02920	.00970	10.21240	5.11750	.10320	.06400
	GRADIENT	.00362	.00036	.00014	.00001	.00166	.00029	.00961	.00307	.00005	.00048

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.969	-5.880	-3.96900	.05070	.00570	.00870	.00950	.00650	10.09010	5.07880	.10330	.06560
-3.947	-3.907	-3.97[illegible]00	.04720	.00520	.00810	.01250	.00740	10.11200	5.09120	.10320	.06400
-3.864	.062	-3.96690	.04080	.00440	.00730	.02350	.00330	10.18490	[illegible].10650	.10330	.06520
-3.824	3.945	-3.94360	.03800	.00460	.00580	.02600	.00790	10.19050	5.09650	.10340	.06580
-3.813	5.894	-3.92220	.04050	.00490	.00540	.02760	.00760	10.19540	5.09060	.10320	.06410
	GRADIENT	.00361	-.00117	-.00008	-.00029	.00172	.00006	.01003	.00069	.00003	.00023

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.133	-6.507	-.06870	.10860	.01470	.02020	.00580	.00810	10.05330	5.08730	.10320	.06430
-.113	-4.455	-.04890	.10590	.01410	.01960	.00860	.00860	10.06930	5.09240	.10320	.06460
-.086	-.342	-.02200	.09490	.01230	.01800	.02020	.00840	10.13670	5.09040	.10310	.06370
-.067	3.763	-.00490	.08720	.01130	.01570	.02550	.00750	10.16800	5.08010	.10290	.06210
-.065	5.825	.00010	.08640	.01110	.01460	.02690	.00680	10.17550	5.07280	.10330	.06490
	GRADIENT	.00535	-.00228	-.00034	-.00047	.00206	-.00013	.01201	-.00150	-.00004	-.00030

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.167	-6.004	4.05560	.15820	.02500	.03510	.00690	.00350	10.07580	5.04670	.10330	.06480
4.146	-4.006	4.02660	.15030	.02390	.03360	.00970	.00320	10.09630	5.04600	.10330	.06540
4.163	.063	4.06050	.13630	.02150	.03110	.02390	.00240	10.18710	5.04320	.10300	.06260
4.082	4.092	4.05490	.12360	.01950	.02830	.02720	.00070	10.19840	5.01970	.10320	.06450
4.043	6.076	4.04190	.12080	.01880	.02680	.02910	.00060	10.20450	5 01620	.10350	.06740
	GRADIENT	.00350	-.00330	-.00054	-.00065	.00216	-.00031	.01263	-.00324	-.00001	-.00011

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.963	-5.929	-8.00410	.00510	-.00360	-.00460	.00990	.00730	10.09960	5.09160	.10340	.06620
-7.865	-3.825	-7.92840	.00410	-.00370	-.00440	.01250	.00880	10.11820	5.10950	.10300	.06300
-7.887	.047	-7.98980	.00210	-.00380	-.00500	.02320	.01080	10.18290	5.13280	.10340	.06650
-7.799	4.055	-7.92120	.00720	-.00240	-.00480	.02630	.01150	10.19830	5.13810	.10330	.06510
-7.855	5.972	-7.97620	.01130	-.00190	-.00490	.02720	.01150	10.20080	5.13770	.10320	.06420
	GRADIENT	.00101	.00040	.00017	-.00005	.00175	.00034	.01013	.00362	.00004	.00026

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.973	-5.870	-3.97210	.05920	.00550	.00750	.00800	.00820	10.08180	5.09690	.10350	.06700
-3.896	-3.860	-3.91820	.05670	.00510	.00700	.01120	.00880	10.10440	5.10570	.10360	.06790
-3.913	.055	-4.01650	.04860	.00400	.00600	.02180	.00950	10.17520	5.11980	.10320	.06460
-3.829	3.943	-3.94730	.04670	.00440	.00470	.02430	.00910	10.18130	5.10930	.10320	.06410
-3.828	5.914	-3.94100	.04830	.00460	.00410	.02590	.00880	10.18550	5.10300	.10360	.06770
	GRADIENT	-.00375	-.00128	-.00009	-.00029	.00168	.00034	.00987	.00047	-.00005	-.00049

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.133	-6.507	-.06870	.10860	.01470	.02020	.00580	.00810	10.05330	5.08730	.10320	.06430
-.113	-4.455	-.04890	.10590	.01410	.01960	.00860	.00860	10.06930	5.09240	.10320	.06460
-.086	-.342	-.02200	.09490	.01230	.01800	.02020	.00840	10.13670	5.09040	.10310	.06370
-.067	3.763	-.00490	.08720	.01130	.01570	.02550	.00750	10.16800	5.08010	.10290	.06210
-.065	5.825	.00010	.08640	.01110	.01460	.02690	.00680	10.17550	5.07280	.10330	.06490
	GRADIENT	.00535	-.00228	-.00034	-.00047	.00206	-.00013	.01201	-.00150	-.00004	-.00030

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.176	-5.987	4.06590	.16690	.02490	.03390	.00540	.00390	10.06720	5.05130	.10310	.06320
4.164	-4.033	4.05160	.16000	.02390	.03240	.00810	.00370	10.08740	5.05210	.10230	.05680
4.143	.054	4.03930	.14480	.02140	.02970	.02220	.00280	10.17780	5.04700	.10350	.06700
4.078	4.103	4.05160	.13180	.01930	.02680	.02540	.00110	10.18780	5.02430	.10330	.06550
4.069	6.114	4.06930	.13140	.01860	.02560	.02700	.00120	10.19140	5.02250	.10370	.06890
	GRADIENT	-.00000	-.00347	-.00057	-.00069	.00213	-.00032	.01236	-.00341	.00012	.00107

IA183.AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.977	-5.848	-7.97920	-.00370	-.00340	-.00200	-.03380	-.01080	9.78760	4.85860	.06310	.07740
-7.941	-3.825	-7.96210	-.00710	-.00400	-.00280	-.03090	-.00690	9.81230	4.91650	.06310	.07720
-7.916	.077	-7.97920	-.01240	-.00490	-.00370	.00300	-.00320	10.07240	4.97130	.06310	.07880
-7.880	4.019	-7.97260	-.01150	-.00420	-.00410	.00880	.00110	10.11440	5.03070	.06310	.07880
-7.857	6.024	-7.95390	-.00760	-.00380	-.00350	.01070	.00400	10.12570	5.07180	.06310	.07720
	GRADIENT	-.00133	-.00056	-.00003	-.00017	.00505	.00102	.03846	.01456	.00000	.00020

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-4.030	-5.941	-3.99770	.05180	.00660	.01100	-.02020	-.01090	9.88210	4.85330	.06310	.07760
-3.980	-3.924	-3.96710	.04680	.00590	.00960	-.01870	-.00880	9.89710	4.88560	.06310	.07750
-3.921	.073	-3.98420	.03310	.00410	.00690	.00990	-.00360	10.12670	4.96610	.06310	.07850
-3.858	3.999	-3.95770	.02550	.00400	.00440	.02070	.00280	10.20230	5.05220	.06310	.07750
-3.826	5.937	-3.92630	.02530	.00380	.00400	.02330	.00580	10.21840	5.09370	.06310	.07820
	GRADIENT	.00117	-.00269	-.00024	-.00066	.00498	.00146	.03858	.02102	.00000	.00000

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.193	-6.638	-.11550	.11800	.01730	.02490	-.01460	-.00560	9.90890	4.92000	.06310	.07770
-.168	-4.557	-.09050	.10950	.01630	.02320	-.01510	-.00440	9.90520	4.93690	.06310	.07720
-.137	-.387	-.05820	.09110	.01370	.01960	.01240	.00230	10.11670	5.03380	.06310	.07880
-.125	3.768	-.04690	.07430	.01140	.01560	.02430	.00510	10.21030	5.07440	.06310	.07840
-.126	5.853	-.04830	.06940	.01060	.01370	.02570	.00720	10.22170	5.10450	.06310	.07810
	GRADIENT	.00524	-.00423	-.00059	-.00091	.00473	.00114	.03666	.01652	.00000	.00014

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.168	-5.967	4.06820	.17730	.02690	.03520	-.01530	-.00090	9.91920	4.99680	.06310	.07720
4.132	-3.961	4.03260	.16860	.02610	.03330	-.01460	-.00080	9.92830	5.00140	.06310	.07810
4.099	.072	4.03630	.14440	.02330	.02940	.02090	.00100	10.21330	5.03180	.06310	.07780
4.028	4.069	4.03770	.12420	.02060	.02470	.02350	.00250	10.22480	5.04810	.06310	.07680
3.995	6.030	4.02470	.12080	.01970	.02300	.02390	.00050	10.22360	5.01710	.06310	.07800
	GRADIENT	.00064	-.00553	-.00068	-.00107	.00475	.00041	.03697	.00582	-.00000	-.00016

IA183.AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-8.041	-5.891	-8.01100	-.00530	-.00320	-.00090	-.03840	-.00400	9.74430	4.95350	.06340	.12880
-7.979	-3.871	-7.97400	-.01050	-.00410	-.00170	-.03780	.00150	9.75070	5.03790	.06340	.13020
-7.923	.111	-7.98600	-.01950	-.00550	-.00340	-.01410	.00600	9.93690	5.10650	.06340	.12910
-7.836	4.075	-7.95200	-.02110	-.00520	-.00370	-.00680	.00740	9.99110	5.12540	.06330	.12860
-7.812	6.056	-7.94190	-.01740	-.00470	-.00270	-.00500	.00860	10.00310	5.14240	.06340	.12890
	GRADIENT	.00276	-.00133	-.00014	-.00025	.00390	.00074	.03027	.01102	-.00001	-.00020

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-4.045	-5.874	-3.96880	.05760	.00730	.01250	-.03450	-.00280	9.76670	4.96680	.06340	.12960
-4.065	-3.949	-4.01390	.04810	.00590	.01070	-.03430	.00170	9.77210	5.03760	.06340	.12910
-3.959	.128	-4.02280	.03290	.00350	.00750	-.00920	.00670	9.97620	5.11830	.06330	.12850
-3.808	4.023	-3.94600	.02480	.00320	.00570	-.00100	.00810	10.03180	5.13410	.06340	.12950
-3.797	5.989	-3.94010	.02660	.00310	.00590	.00040	.00890	10.03870	5.14290	.06340	.12970
	GRADIENT	.00843	-.00293	-.00034	-.00063	.00419	.00081	.03271	.01216	-.00000	.00005

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.246	-6.657	-.11670	.12080	.01890	.02400	-.02520	-.00430	9.82270	4.93550	.06340	.12900
-.222	-4.576	-.09300	.11110	.01780	.02230	-.02940	-.00080	9.79100	4.98790	.06340	.12900
-.195	.392	-.06540	.08540	.01410	.01850	-.00940	.00450	9.94590	5.06810	.06340	.12910
-.186	3.784	-.05680	.06800	.01100	.01530	-.00430	.00620	9.98620	5.09250	.06340	.12930
-.186	5.869	-.05690	.06290	.01020	.01410	-.00210	.00520	10.00350	5.07730	.06340	.12900
	GRADIENT	.00433	-.00516	-.00081	-.00084	.00300	.00084	.02335	.01251	-.00000	.00004

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.189	-5.916	4.04750	.18250	.02820	.03360	-.02390	-.00660	9.84800	4.91120	.06330	.12790
4.143	-3.897	4.00610	.16930	.02700	.03160	-.02660	-.00400	9.83100	4.95280	.06340	.13050
4.129	.123	4.06590	.14070	.02370	.02780	-.00630	-.00190	9.99900	4.98870	.06340	.13040
3.986	4.112	4.03230	.11940	.02080	.02370	-.00410	-.00550	10.00750	4.93040	.06340	.12880
3.951	6.049	4.02320	.11230	.01940	.02200	-.00150	-.00800	10.02370	4.89010	.06340	.12940
	GRADIENT	.00329	-.00623	-.00077	-.00099	.00281	-.00019	.02206	-.00278	-.00000	-.00021

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-8.066	-5.885	-8.00010	-.00010	-.00260	.00150	.00240	.01190	10.06340	5.20680	.06450	.18400
-7.985	-3.816	-7.95460	-.00730	-.00380	.00080	.00940	.01440	10.12770	5.24970	.06450	.18410
-7.892	.189	-7.05630	-.02750	-.00590	-.00020	.03460	.01690	10.35560	5.29200	.06450	.18440
-7.821	4.095	-7.96340	-.03870	-.00690	-.00090	.03980	.01820	10.39970	5.31100	.06450	.18430
-7.789	6.119	-7.95480	-.03780	-.00710	-.00050	.04340	.02030	10.42970	5.34380	.06450	.18440
	GRADIENT	-.00111	-.00397	-.00039	-.00022	.00385	.00048	.03448	.00776	-.00000	.00003

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-4.117	-5.871	-3.99480	.07440	.01130	.01230	-.00690	.01060	9.97610	5.18240	.06450	.18360
-4.067	-3.871	-3.97570	.05840	.00900	.01200	-.00040	.01520	10.03600	5.25990	.06450	.18370
-3.907	.178	-3.97120	.03120	.00470	.01050	.02520	.01880	10.27220	5.32470	.06450	.18350
-3.775	4.048	-3.95270	.01350	.00260	.00910	.02990	.02100	10.30430	5.35300	.06450	.18410
-3.742	6.025	-3.93320	.01270	.00170	.00860	.03150	.01560	10.31360	5.26190	.06450	.18440
	GRADIENT	.00289	-.00568	-.00081	-.00037	.00385	.00073	.03407	.01179	-.00000	.00005

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.333	-6.691	-.14970	.14390	.02380	.02100	-.00970	.01200	9.93680	5.19600	.06450	.18350
-.310	-4.587	-.12610	.12670	.02140	.02100	-.00510	.01750	9.97630	5.28570	.06450	.18420
-.279	-.387	-.09480	.08710	.01580	.01990	.01480	.01700	10.14930	5.27720	.06450	.18440
-.262	3.794	-.07770	.05840	.01110	.01810	.02080	.00240	10.20230	5.03820	.06450	.18410
-.261	5.897	-.07740	.05400	.00950	.01690	.02470	-.00940	10.23770	4.84900	.06450	.18350
	GRADIENT	.00578	-.00815	-.00123	-.00035	.00309	-.00180	.02698	-.02951	-.00000	-.00001

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.228	-5.914	4.03920	.20080	.03250	.03060	-.01650	.00390	9.89440	5.07330	.06450	.18360
4.228	-3.911	4.05220	.18430	.03100	.02960	-.01350	.00240	9.92440	5.05130	.06450	.18370
4.113	.179	4.04830	.14750	.02610	.02810	.00240	-.00860	10.07030	4.87910	.06450	.18340
3.966	4.159	4.05020	.11280	.02080	.02590	.00750	-.02000	10.10630	4.69530	.06450	.18440
3.917	6.091	4.03360	.10610	.01870	.02540	.00920	-.02710	10.11610	4.58310	.06450	.18410
	GRADIENT	-.00025	-.00886	-.00126	-.00046	.00261	-.00278	.02260	-.04410	.00000	.00009

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-8.019	-5.788	-7.96740	.00630	-.00190	-.00010	.00990	.01260	10.13120	5.22260	.06310	.16200
-7.988	-3.828	-7.96770	-.00430	-.00350	-.00030	.01800	.01330	10.20720	5.23640	.06310	.16210
-7.933	.164	-7.99560	-.02540	-.00580	-.00080	.04340	.01350	10.44620	5.24300	.06310	.16180
-7.845	4.098	-7.97580	-.03370	-.00670	-.00030	.05230	.01860	10.52750	5.32550	.06300	.16010
-7.787	6.073	-7.93690	-.03400	-.00700	.00010	.05450	.02030	10.54400	5.35120	.06310	.16120
	GRADIENT	-.00104	-.00371	-.00040	-.00000	.00433	.00067	.04046	.01122	-.00001	-.00025

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-4.078	-5.858	-3.97370	.08120	.01220	.00930	.00090	.01170	10.04330	5.20360	.06310	.16170
-4.088	-3.925	-4.01230	.06740	.00990	.00970	.01093	.01530	10.13750	5.26630	.06300	.16080
-3.917	.246	-3.98370	.03730	.00530	.00970	.03410	.01940	10.35980	5.34160	.06300	.16090
-3.814	4.067	-3.97420	.02220	.00270	.00970	.04080	.00880	10.41270	5.15830	.06300	.16050
-3.820	6.086	-3.99130	.02000	.00160	.00900	.04320	.00170	10.42910	5.03700	.06320	.16280
	GRADIENT	.00480	-.00568	-.00090	-.00000	.00377	-.00079	.03472	-.01303	.00000	-.00004

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.312	-6.703	-.14910	.14800	.02380	.01800	-.00500	.01640	9.97600	5.27290	.06310	.16240
-.284	-4.591	-.12410	.13440	.02200	.01820	.00300	.01780	10.04700	5.29590	.06300	.16020
-.256	-.388	-.09510	.10110	.01760	.01830	.02830	.00570	10.27560	5.09400	.06300	.16090
-.248	3.798	-.08550	.06900	.01240	.01760	.03090	-.00900	10.29970	4.85300	.06320	.16270
-.253	5.899	-.09090	.05790	.01020	.01660	.03430	-.01800	10.33100	4.70660	.06310	.16190
	GRADIENT	.00460	-.00780	-.00114	-.00007	.00333	-.00319	.03014	-.05279	.00002	.00030

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.242	-5.906	4.07300	.20800	.03260	.02800	-.01320	.00020	9.92040	5.01350	.06300	.16090
4.193	-3.905	4.03380	.19260	.03120	.02790	-.00800	-.00350	9.96980	4.95510	.06320	.16260
4.113	.154	4.04910	.15510	.02670	.02690	.01440	-.01830	10.17830	4.71950	.06310	.16200
3.982	4.145	4.05140	.12330	.02220	.02500	.01700	-.03080	10.19290	4.51990	.06310	.16130
3.922	6.055	4.02020	.11510	.01980	.02480	.01940	-.03400	10.21090	4.46880	.06300	.16030
	GRADIENT	.00219	-.00861	-.00112	-.00036	.00311	-.00339	.02778	-.05407	-.00001	-.00016

IA183,AEDC PWT 16TF-519 O T S (WING-ELEVON) (R8PW19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.928	-5.917	-7.92530	.01740	.00060	-.00390	.02620	.01390	10.28710	5.25190	.05420	.07200
-7.958	-3.908	-7.97220	.00820	-.00110	-.00320	.03160	.01310	10.34270	5.24090	.05420	.07250
-7.918	.063	-7.97140	-.01230	-.00370	-.00030	.04920	.01550	10.50810	5.28510	.05390	.06990
-7.899	4.029	-7.98120	-.01930	-.00570	.00180	.05030	.01020	10.52400	5.19110	.05430	.07310
-7.875	6.017	-7.96240	-.02320	-.00630	.00220	.05010	.00470	10.51920	5.09470	.05410	.07170
	GRADIENT	-.00113	-.00347	-.00058	.00063	.00236	-.00037	.02285	-.00627	.00001	.00008

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-4.039	-5.971	-4.00770	.08710	.01260	.00390	.01640	.01640	10.18740	5.29150	.05390	.07010
-3.982	-3.941	-3.96530	.07730	.01140	.00510	.02470	.01310	10.27060	5.23810	.05420	.07210
-3.955	.061	-4.00920	.05050	.00810	.00700	.03750	.00360	10.40290	5.07950	.05400	.07060
-3.861	4.009	-3.94830	.03710	.00520	.00890	.03860	-.00780	10.40370	4.87970	.05380	.06960
-3.849	5.944	-3.93690	.02980	.00370	.00880	.03740	-.01510	10.38750	4.75500	.05390	.07010
	GRADIENT	.00211	-.00506	-.00078	.00048	.00175	-.00263	.01678	-.04507	-.00005	-.0003.

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.216	-6.714	-.14190	.14990	.02400	.01270	.00590	.00990	10.07440	5.17060	.05440	.07400
-.181	-4.606	-.11180	.13920	.02280	.01330	.01600	.00370	10.16900	5.06450	.05380	.06960
-.146	-.399	-.07620	.11060	.01930	.01530	.03390	-.01080	10.33860	4.81700	.05380	.06960
-.134	3.796	-.06520	.08090	.01500	.01650	.03120	-.02580	10.31210	4.57200	.05370	.06860
-.140	5.899	-.06850	.06790	.01270	.01630	.02850	-.03240	10.28610	4.46850	.05410	.07160
	GRADIENT	.00555	-.00694	-.00093	.00038	.00181	-.00351	.01704	-.05862	-.00001	-.00012

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.169	-5.992	4.07910	.20590	.03270	.02150	-.00140	-.01060	10.02320	4.83010	.05420	.07200
4.148	-3.993	4.06030	.19280	.03130	.02180	.00180	-.01720	10.05750	4.72210	.05390	.06970
4.119	.062	4.06320	.16190	.02750	.02360	.02000	-.03000	10.23490	4.52130	.05430	.07320
4.028	4.067	4.04130	.12880	.02310	.02360	.01780	-.03860	10.20580	4.38420	.05420	.07250
3.990	6.025	4.02080	.11840	.02080	.02350	.01350	-.04120	10.16070	4.34350	.05430	.07280
	GRADIENT	-.00233	-.00794	-.00102	.00022	.00199	-.00266	.01845	-.04194	.00004	.00035

IA183.AEDC PWT 16TF-519 O T S (V TAIL)

(R8PV01) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-7.890	-.01650	-.01420	.00570	.03790	-.22880	-.22620	-.24950	-.25680	-.25310	-.24760
.600	-5.911	-.01310	-.01170	.00490	.03710	-.22440	-.22220	-.24320	-.25070	-.24690	-.24120
.601	-3.894	-.01010	-.00930	.00380	.03640	-.22050	-.21800	-.23690	-.24470	-.24080	-.23430
.599	-1.895	-.00800	-.00780	.00350	.03580	-.21840	-.21490	-.23210	-.24010	-.23610	-.22860
.600	.069	-.00320	-.00460	.00240	.03550	-.21650	-.21180	-.22820	-.23620	-.23220	-.22630
.600	2.115	-.00130	-.00330	.00200	.03560	-.21960	-.20980	-.23010	-.24070	-.23540	-.22540
.599	4.086	.00000	-.00270	.00190	.03480	-.21530	-.20080	-.22470	-.23980	-.23220	-.22250
.600	6.092	.00000	-.00270	.00180	.03410	-.21220	-.19610	-.22000	-.23490	-.22740	-.21570
.600	8.127	-.00100	-.00360	.00210	.03380	-.21210	-.19430	-.21850	-.23320	-.22580	-.21150
	GRADIENT	.00135	.00089	-.00027	-.00017	.00046	.00198	.00132	.00046	.00089	.00134

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.900	-7.947	.00240	.00990	-.01670	.04300	-.25900	-.25680	-.27700	-.27880	-.27790	-.28020
.898	-5.896	.00730	.01280	-.01700	.04160	-.25040	-.25000	-.26870	-.27250	-.27060	-.27110
.901	-3.977	.00970	.01440	-.01700	.04050	-.24430	-.24510	-.26260	-.26720	-.26490	-.26230
.900	-1.978	.01250	.01610	-.01640	.03950	-.23770	-.24120	-.25800	-.26370	-.26080	-.25470
.898	.060	.01290	.01550	-.01490	.03910	-.23370	-.23830	-.25660	-.26400	-.26030	-.25420
.899	2.083	.01320	.01500	-.01390	.03950	-.23800	-.23970	-.25790	-.26770	-.26280	-.25520
.900	4.074	.01140	.01320	-.01220	.03940	-.24010	-.23680	-.25580	-.26530	-.26060	-.25030
.900	6.035	.00750	.01130	-.01210	.03940	-.24230	-.23590	-.25610	-.26600	-.26100	-.24880
.900	8.059	.00570	.00630	-.00940	.04040	-.25080	-.24170	-.26210	-.27460	-.26840	-.25080
	GRADIENT	.00020	-.00017	.00060	-.00011	.00041	.00090	.00068	-.00001	.00033	.00116

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.949	-7.962	-.00180	.00600	-.01410	.04570	-.28240	-.27400	-.29280	-.29700	-.29490	-.28510
.950	-5.967	.00080	.00780	-.01400	.04450	-.27520	-.26630	-.28460	-.29000	-.28730	-.27640
.953	-3.889	.00430	.01030	-.01440	.04340	-.26990	-.25950	-.27760	-.28450	-.28110	-.26860
.950	-1.941	.00570	.00890	-.01130	.04240	-.26430	-.25370	-.27250	-.28100	-.27680	-.26070
.952	.075	.00890	.01160	-.01260	.04260	-.26600	-.25530	-.27430	-.28410	-.27920	-.26180
.950	2.072	.01120	.01450	-.01440	.04220	-.26230	-.25250	-.27150	-.28140	-.27650	-.26110
.948	4.089	.01250	.01560	-.01440	.04250	-.26400	-.25410	-.27320	-.28420	-.27870	-.26300
.949	6.060	.01070	.01380	-.01290	.04350	-.27160	-.25920	-.27890	-.29020	-.28450	-.26710
.948	8.033	.00470	.00860	-.01000	.04410	-.27720	-.26290	-.28220	-.29150	-.28680	-.26800
	GRADIENT	.00110	.00081	-.00016	-.00010	.00069	.00060	.00049	.00001	.00025	.00054

IA183,AEDC PUT 16TF-519 O T S (V TAIL) (R8PV01) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.100	-7.936	-.02840	-.02190	.01090	.05700	-.35340	-.33950	-.35740	-.36440	-.36090	-.35540
1.099	-5.967	-.02490	-.01900	.00950	.05580	-.34700	-.33010	-.35090	-.36390	-.35740	-.34730
1.102	-3.894	-.01820	-.01380	.00720	.05480	-.34070	-.32470	-.34590	-.36050	-.35320	-.33990
1.099	-1.913	-.01580	-.01230	.00650	.05430	-.33920	-.32280	-.34370	-.35820	-.35090	-.33520
1.099	.048	-.01270	-.01040	.00580	.05500	-.34490	-.32930	-.34690	-.35560	-.35130	-.33510
1.099	2.047	-.01070	-.00850	.00460	.05490	-.34480	-.32620	-.34700	-.35810	-.35260	-.33360
1.100	4.066	-.01020	-.00800	.00340	.05490	-.34490	-.32210	-.34820	-.36210	-.35510	-.33740
1.101	6.083	-.00490	-.00410	.00090	.05450	-.34260	-.32020	-.34740	-.36020	-.35380	-.33420
1.102	8.041	-.00370	-.00330	.00050	.05630	-.35450	-.33080	-.35880	-.36890	-.36390	-.34380
	GRADIENT	.00106	.00077	-.00048	.00004	-.00070	.00010	-.00040	-.00016	-.00028	.00033

RUN NO. 3571/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-9.272	-.02680	-.02190	.01280	.05190	-.32040	-.30310	-.32520	-.33060	-.32790	-.33010
1.251	-7.062	-.02020	-.01720	.01060	.05100	-.31610	-.29810	-.31930	-.32790	-.32360	-.32200
1.251	-4.792	-.01640	-.01470	.00940	.05030	-.31300	-.29460	-.31530	-.32550	-.32040	-.31520
1.249	-2.608	-.01370	-.01280	.00870	.04880	-.30420	-.28690	-.30510	-.31490	-.31000	-.30500
1.249	-.466	-.01190	-.01120	.00780	.04790	-.29860	-.27930	-.29680	-.30690	-.30180	-.29980
1.249	1.672	-.00820	-.00830	.00590	.04860	-.30350	-.28310	-.30150	-.31210	-.30680	-.30360
1.251	3.843	-.00730	-.00660	.00430	.04860	-.30370	-.28220	-.30400	-.31660	-.31030	-.30400
1.252	5.928	-.00710	-.00660	.00490	.04860	-.30340	-.28330	-.30500	-.31700	-.31100	-.30320
1.250	8.124	-.00850	-.00760	.00560	.04950	-.31020	-.28790	-.31170	-.32390	-.31780	-.30680
	GRADIENT	.00110	.00096	-.00060	-.00017	.00090	.00133	.00122	.00096	.00109	.00111

IA183,AEDC PWT 16TF-519 O T S (V TAIL)

(R8PV02) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.601	-8.687	-.02750	-.02040	.00780	.03830	-.22990	-.22970	-.25330	-.25890	-.25610	-.25140
.601	-4.498	-.01570	-.01190	.00460	.03700	-.22320	-.22250	-.24140	-.24880	-.24510	-.23890
.600	-2.483	-.01270	-.00960	.00370	.03630	-.22080	-.21890	-.23630	-.24390	-.24010	-.23270
.600	-.305	-.00970	-.00770	.00310	.03590	-.21920	-.21520	-.23180	-.23960	-.23570	-.22900
.600	1.740	-.00700	-.00560	.00240	.03610	-.22180	-.21450	-.23260	-.24170	-.23710	-.22850
.600	3.789	-.00420	-.00430	.00220	.03520	-.21730	-.20420	-.22740	-.24080	-.23410	-.22470
.599	7.989	-.00380	-.00400	.00200	.03420	-.21360	-.19680	-.22090	-.23530	-.22810	-.21490
	GRADIENT	.00138	.00092	-.00029	-.00018	.00052	.00197	.00152	.00088	.00120	.00157

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.099	-7.899	-.02970	-.02290	.01150	.05680	-.35210	-.33900	-.35640	-.36320	-.35980	-.35420
1.102	-5.927	-.02400	-.01860	.00950	.05540	-.34480	-.32730	-.34860	-.36180	-.35520	-.34530
1.099	-3.895	-.01980	-.01550	.00810	.05490	-.34190	-.32590	-.34700	-.36160	-.35430	-.34110
1.102	-1.958	-.01430	-.01140	.00650	.05410	-.33730	-.32060	-.34160	-.35660	-.34910	-.33390
1.101	.059	-.01060	-.00900	.00530	.05480	-.34360	-.32760	-.34560	-.35440	-.35000	-.33370
1.099	2.060	-.01180	-.00930	.00520	.05500	-.34590	-.32700	-.34810	-.35940	-.35380	-.33500
1.098	4.067	-.01070	-.00820	.00390	.05490	-.34500	-.32210	-.34810	-.36160	-.35490	-.33710
1.099	6.029	-.00810	-.00620	.00200	.05480	-.34460	-.32200	-.34990	-.36280	-.35630	-.33660
1.099	8.087	-.00850	-.00660	.00190	.05620	-.35400	-.33030	-.35790	-.36800	-.36300	-.34320
	GRADIENT	.00103	.00084	-.00049	.00005	-.00075	.00006	-.00044	-.00015	-.00030	.00034

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-9.234	-.02530	-.02080	.01210	.05190	-.32080	-.30340	-.32530	-.33090	-.32810	-.33020
1.250	-6.992	-.02070	-.01760	.01070	.05090	-.31570	-.29740	-.31880	-.32740	-.32310	-.32150
1.248	-4.814	-.01780	-.01570	.01000	.05040	-.31340	-.29460	-.31580	-.32580	-.32080	-.31590
1.249	-2.661	-.01440	-.01320	.00910	.04910	-.30600	-.28820	-.30700	-.31690	-.31190	-.30690
1.251	-.461	-.01060	-.01040	.00750	.04800	-.29940	-.27990	-.29770	-.30780	-.30270	-.30050
1.252	1.706	-.00740	-.00750	.00550	.04850	-.30330	-.28230	-.30140	-.31190	-.30670	-.30330
1.251	3.786	-.00770	-.00690	.00460	.04830	-.30220	-.28060	-.30240	-.31510	-.30870	-.30240
1.250	5.956	-.00720	-.00650	.00480	.04860	-.30400	-.28350	-.30550	-.31730	-.31140	-.30340
1.249	8.124	-.00960	-.00820	.00590	.04970	-.31170	-.28930	-.31320	-.32520	-.31920	-.30820
	GRADIENT	.00126	.00108	-.00067	-.00022	.00117	.00158	.00151	.00123	.00137	.00142

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV03) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-7.965	-.02460	-.01920	.01150	.05090	-.31520	-.29750	-.31930	-.32560	-.32250	-.32240
1.251	-5.969	-.02090	-.01650	.01020	.05060	-.31470	-.29570	-.31740	-.32590	-.32170	-.31860
1.250	-3.908	-.01600	-.01310	.00880	.04950	-.30850	-.29000	-.31040	-.32010	-.31530	-.30980
1.249	-1.939	-.01510	-.01250	.00870	.04800	-.29900	-.28100	-.29870	-.30800	-.30340	-.30040
1.253	.022	-.01210	-.01010	.00720	.04790	-.29890	-.27910	-.29650	-.30640	-.30150	-.30030
1.249	2.053	-.00990	-.00780	.00540	.04800	-.29990	-.27930	-.29840	-.30880	-.30360	-.30020
1.253	4.028	-.01020	-.00760	.00510	.04840	-.30210	-.28190	-.30250	-.31520	-.30880	-.30280
1.249	6.036	-.00890	-.00670	.00500	.04840	-.30200	-.28280	-.30330	-.31510	-.30920	-.30250
1.248	8.041	-.00960	-.00720	.00550	.04970	-.31190	-.29020	-.31350	-.32540	-.31950	-.30780
	GRADIENT	.00085	.00079	-.00054	-.00011	.00060	.00090	.00080	.00045	.00064	.00071

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV04) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.102	-7.906	-.02770	-.02150	.01120	.05680	-.35280	-.33720	-.35660	-.36510	-.36080	-.35440
1.098	-5.953	-.02660	-.02080	.01060	.05580	-.34680	-.33040	-.35090	-.36370	-.35730	-.34740
1.100	-3.954	-.01860	-.01470	.00780	.05480	-.34080	-.32470	-.34580	-.36040	-.35310	-.34050
1.098	-1.949	-.01650	-.01320	.00710	.05450	-.34020	-.32410	-.34480	-.35920	-.35200	-.33590
1.099	.031	-.01260	-.01030	.00560	.05510	-.34500	-.32970	-.34730	-.35610	-.35170	-.33610
1.102	2.076	-.00920	-.00740	.00430	.05430	-.34120	-.32230	-.34330	-.35490	-.34910	-.33130
1.102	4.045	-.00720	-.00590	.00270	.05450	-.34220	-.31940	-.34530	-.35900	-.35220	-.33490
1.100	6.096	-.00450	-.00390	.00090	.05430	-.34130	-.31920	-.34610	-.35900	-.35260	-.33320
1.101	8.041	-.00600	-.00490	.00120	.05600	-.35280	-.32990	-.35720	-.36740	-.36230	-.34180
	GRADIENT	.00150	.00117	-.00065	-.00004	-.00019	.00062	.00013	.00036	.00024	.00079

IA183,AEDC PWT 16TF-519 O T S (V TAIL)

(R8PV04) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.249	-9.234	-.02750	-.02250	.01310	.05190	-.32040	-.30290	-.32490	-.33050	-.32770	-.32950
1.250	-7.018	-.02070	-.01750	.01060	.05090	-.31530	-.29690	-.31840	-.32740	-.32290	-.32130
1.251	-4.803	-.01630	-.01460	.00940	.05050	-.31390	-.29550	-.31630	-.32660	-.32150	-.31630
1.249	-2.675	-.01460	-.01330	.00910	.04910	-.30570	-.28850	-.30670	-.31670	-.31170	-.30660
1.249	-.433	-.01010	-.01000	.00730	.04790	-.29840	-.27910	-.29660	-.30650	-.30160	-.29970
1.251	1.658	-.00680	-.00700	.00520	.04840	-.30210	-.28150	-.30010	-.31090	-.30550	-.30240
1.252	3.831	-.00790	-.00710	.00470	.04840	-.30260	-.28150	-.30300	-.31580	-.30940	-.30310
1.251	5.917	-.00850	-.00750	.00530	.04870	-.30430	-.28390	-.30570	-.31770	-.31170	-.30410
1.250	8.126	-.00950	-.00820	.00580	.04980	-.31230	-.29000	-.31400	-.32620	-.32010	-.30850
	GRADIENT	.00114	.00099	-.00062	-.00023	.00122	.00163	.00154	.00128	.00142	.00142

IA183,AEDC PWT 16TF-519 O T S (V TAIL)

(R8PV05) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.098	-7.905	-.02820	-.02200	.01120	.05650	-.35040	-.33670	-.35450	-.36160	-.35810	-.35230
1.100	-5.955	-.02430	-.01870	.00950	.05540	-.34490	-.32780	-.34880	-.36180	-.35530	-.34510
1.102	-3.945	-.01890	-.01460	.00770	.05490	-.34140	-.32560	-.34650	-.36100	-.35380	-.34070
1.099	-1.943	-.01680	-.01300	.00710	.05440	-.33910	-.32340	-.34410	-.35880	-.35140	-.33530
1.102	.032	-.01110	-.00920	.00540	.05480	-.34340	-.32740	-.34520	-.35370	-.34940	-.33400
1.101	2.078	-.01000	-.00780	.00470	.05440	-.34230	-.32320	-.34450	-.35580	-.35020	-.33120
1.100	4.035	-.01060	-.00810	.00370	.05460	-.34320	-.32060	-.34620	-.35980	-.35300	-.33610
1.102	6.049	-.00550	-.00460	.00140	.05420	-.34080	-.31880	-.34550	-.35790	-.35170	-.33240
1.099	8.090	-.00640	-.00500	.00120	.05570	-.35100	-.32810	-.35580	-.36620	-.36100	-.34020
	GRADIENT	.00117	.00091	-.00052	-.00003	-.00034	.00051	.00001	.00027	.00014	.00067

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV05) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.249	-9.206	-.02690	-.02200	.01270	.05190	-.32080	-.30320	-.32530	-.33100	-.32810	-.32970
1.249	-7.021	-.02140	-.01800	.01110	.05080	-.31510	-.29670	-.31820	-.32710	-.32270	-.32090
1.252	-4.808	-.01560	-.01380	.00890	.05040	-.31330	-.29460	-.31550	-.32590	-.32070	-.31570
1.251	-2.679	-.01400	-.01280	.00880	.04690	-.30480	-.28740	-.30550	-.31570	-.31060	-.30550
1.249	-.469	-.00980	-.00980	.00720	.04810	-.29980	-.28020	-.29790	-.30800	-.30290	-.30090
1.249	1.713	-.00880	-.00860	.00590	.04850	-.30280	-.28200	-.30090	-.31150	-.30620	-.30290
1.250	3.802	-.00820	-.00710	.00480	.04830	-.30180	-.28030	-.30190	-.31440	-.30820	-.30230
1.251	5.920	-.00790	-.00710	.00500	.04860	-.30350	-.28320	-.30490	-.31670	-.31080	-.30350
1.251	8.126	-.00880	-.00760	.00570	.04960	-.31090	-.28870	-.31250	-.32470	-.31860	-.30760
	GRADIENT	.00093	.00082	-.00051	-.00021	.00116	.00158	.00148	.00126	.00136	.00136

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV06) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-8.073	-.00830	-.00910	.00540	.03790	-.22910	-.22610	-.24840	-.25460	-.25150	-.24710
.600	-5.971	-.00700	-.00780	.00460	.03700	-.22420	-.22130	-.24160	-.24780	-.24470	-.23850
.600	-3.863	-.00510	-.00610	.00390	.03610	-.21920	-.21650	-.23460	-.24120	-.23790	-.23140
.600	-1.762	-.00050	-.00250	.00250	.03530	-.21500	-.21180	-.22880	-.23580	-.23230	-.22460
.601	.280	.00010	-.00140	.00190	.03450	-.21090	-.20690	-.22270	-.23000	-.22640	-.21920
.600	2.384	.00170	.00020	.00180	.03440	-.21070	-.20560	-.22060	-.22870	-.22460	-.21770
.599	4.460	.00770	.00350	.00110	.03390	-.20860	-.20030	-.21680	-.22790	-.22230	-.21490
.601	6.561	.01130	.00650	.00050	.03310	-.20430	-.19720	-.21180	-.22280	-.21730	-.20850
.600	8.661	.01570	.00990	-.00020	.03280	-.20280	-.19560	-.20980	-.22080	-.21530	-.20460
	GRADIENT	.00134	.00105	-.00030	-.00025	.00123	.00180	.00211	.00162	.00187	.00192

IA183.AEDC PWT 16TF-519 O T S (V TAIL) (R8PV06) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.899	-8.261	.01060	.01450	-.01580	.04400	-.26630	-.26240	-.27780	-.27880	-.27830	-.28490
.899	-6.072	.01230	.01520	-.01510	.04200	-.25380	-.25240	-.26600	-.26620	-.26610	-.27240
.899	-3.931	.01320	.01590	-.01440	.04070	-.24630	-.24570	-.25720	-.25970	-.25850	-.26130
.901	-1.818	.01570	.01820	-.01510	.03940	-.23840	-.23950	-.25100	-.25490	-.25290	-.25310
.901	.330	.01760	.02010	-.01570	.03880	-.23330	-.23610	-.24730	-.24950	-.24840	-.24970
.901	2.457	.01980	.02130	-.01520	.03870	-.23320	-.23540	-.24780	-.25190	-.24980	-.24940
.901	4.572	.01830	.01940	-.01210	.03850	-.23340	-.23250	-.24790	-.25450	-.25120	-.24680
.901	6.693	.01670	.01790	-.00940	.03830	-.23360	-.22920	-.24710	-.25590	-.25150	-.24380
.902	8.850	.01890	.01910	-.00800	.03900	-.24060	-.23530	-.25280	-.26180	-.25730	-.24350
	GRADIENT	.00067	.00048	.00021	-.00024	.00146	.00143	.00102	.00063	.00083	.00154

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.097	-8.425	-.00890	-.00680	.00450	.05690	-.35120	-.34060	-.35740	-.36330	-.36040	-.35590
1.098	-6.230	-.00720	-.00530	.00360	.05590	-.34520	-.33640	-.35220	-.35920	-.35570	-.34730
1.098	-4.050	-.00150	-.00040	.00110	.05410	-.33520	-.32260	-.33920	-.35170	-.34550	-.33750
1.101	-1.859	-.00240	-.00090	.00140	.05350	-.33240	-.31980	-.33680	-.35070	-.34380	-.33050
1.101	.293	.00160	.00210	.00000	.05410	-.33930	-.32460	-.34160	-.35060	-.34610	-.32870
1.103	2.459	.00120	.00220	-.00030	.05350	-.33520	-.31750	-.33730	-.35000	-.34370	-.32840
1.102	4.587	.00680	.00690	-.00370	.05320	-.33330	-.31340	-.33600	-.35020	-.34310	-.32850
1.102	6.722	.00900	.00880	-.00500	.05320	-.33300	-.31420	-.33820	-.35070	-.34450	-.32710
1.101	8.872	.01390	.01290	-.00670	.05510	-.34600	-.32560	-.34880	-.35740	-.35310	-.33650
	GRADIENT	.00093	.00082	-.00052	-.00008	.00005	.00096	.00027	.00017	.00023	.00093

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-8.503	-.01030	-.00970	.00660	.05060	-.31020	-.29860	-.31590	-.32160	-.31880	-.32370
1.251	-6.264	-.01050	-.01000	.00670	.04960	-.30600	-.29170	-.31010	-.31880	-.31450	-.31530
1.251	-4.015	-.00800	-.00780	.00580	.04900	-.30370	-.28880	-.30730	-.31740	-.31230	-.30800
1.249	-1.873	-.00490	-.00520	.00420	.04870	-.30330	-.28830	-.30570	-.31670	-.31120	-.30340
1.249	.301	-.00130	-.00210	.00250	.04840	-.30250	-.28510	-.30310	-.31520	-.30910	-.30040
1.249	2.474	.00120	.00000	.00100	.04850	-.30350	-.28390	-.30320	-.31470	-.30890	-.29980
1.250	4.595	.00220	.00090	.00070	.04850	-.30340	-.28410	-.30520	-.31830	-.31180	-.30050
1.251	6.743	.00490	.00350	-.00040	.04830	-.30240	-.28390	-.30570	-.31830	-.31200	-.29780
1.250	8.897	.00740	.00570	-.00140	.05010	-.31510	-.29420	-.31850	-.33100	-.32470	-.30750
	GRADIENT	.00123	.00105	-.00062	-.00006	.00002	.00064	.00031	.00001	.00015	.00086

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV07) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.248	-8.473	-.01930	-.01490	.00920	.05060	-.30980	-.29870	-.31560	-.32040	-.31800	-.32340
1.247	-6.271	-.01570	-.01200	.00750	.04990	-.30800	-.29410	-.31220	-.31980	-.31600	-.31650
1.249	-4.056	-.01200	-.00930	.00670	.04900	-.30370	-.28910	-.30720	-.31670	-.31200	-.30750
1.250	-1.855	-.00850	-.00610	.00490	.04870	-.30310	-.28850	-.30560	-.31630	-.31090	-.30280
1.249	.309	-.00260	-.00140	.00230	.04870	-.30440	-.28700	-.30480	-.31630	-.31050	-.30200
1.251	2.478	.00110	.00140	.00060	.04860	-.30440	-.28600	-.30460	-.31580	-.31020	-.30020
1.249	4.604	.00440	.00450	-.00080	.04870	-.30460	-.28740	-.30790	-.32060	-.31420	-.30020
1.251	6.757	.00760	.00720	-.00190	.04830	-.30280	-.28470	-.30600	-.31830	-.31220	-.29800
1.248	8.868	.01370	.01210	-.00390	.05010	-.31470	-.29500	-.31840	-.32990	-.32410	-.30710
	GRADIENT	.00196	.00162	-.00089	-.00003	-.00014	.00027	-.00002	-.00033	-.00017	.00080

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV08) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.549	-3.901	-.01820	-.01300	.00870	.04170	-.25820	-.24140	-.25910	-.26010	-.25960	-.26570
1.549	-1.728	-.01440	-.01100	.00790	.04180	-.25920	-.24060	-.25880	-.25930	-.25900	-.26590
1.550	-.629	-.01180	-.00960	.00770	.04200	-.26090	-.24170	-.26030	-.26110	-.26070	-.26780
1.550	.470	-.01060	-.00920	.00780	.04210	-.26140	-.24180	-.26050	-.26230	-.26140	-.26840
1.549	2.634	-.01020	-.00900	.00800	.04220	-.26210	-.24240	-.26070	-.26510	-.26290	-.26920
1.550	4.785	-.01130	-.00940	.00760	.04040	-.25080	-.23530	-.24950	-.25490	-.25220	-.25400
1.550	5.838	-.01180	-.00950	.00720	.04000	-.24940	-.23460	-.24900	-.25520	-.25210	-.25040
	GRADIENT	.00079	.00040	-.00009	-.00011	.00058	.00049	.00082	.00022	.00052	.00096

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV09) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.550	-6.172	-.00630	-.00600	.00660	.04150	-.25430	-.24070	-.25640	-.25700	-.25670	-.26840
1.550	-3.979	-.00190	-.00300	.00530	.04110	-.25280	-.23940	-.25480	-.25630	-.25560	-.26300
1.550	-1.786	.00110	.00020	.00340	.04110	-.25440	-.23830	-.25490	-.25670	-.25580	-.26140
1.550	.409	.00540	.00390	.00060	.04130	-.25560	-.23880	-.25520	-.25760	-.25640	-.26310
1.549	2.595	.00460	.00430	-.00100	.04120	-.25560	-.23740	-.25460	-.25820	-.25640	-.26160
1.552	4.732	.00420	.00410	-.00090	.03930	-.24480	-.23050	-.24490	-.25290	-.24890	-.24490
	5.804	.00350	.00360	-.00140	.03910	-.24370	-.23130	-.24550	-.25550	-.25050	-.24250
	GRADIENT	.00072	.00084	-.00077	-.00016	.00067	.00085	.00092	.00024	.00058	.00164

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV10) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.600	-6.507	.33000	.23850	-.09240	.03950	-.24070	-.23080	-.26170	-.28290	-.27230	-.25790
.600	-4.455	.21640	.15870	-.05810	.03870	-.23790	-.22720	-.25520	-.27130	-.26330	-.24750
.600	-.342	.01120	.00300	.00240	.03540	-.21650	-.21370	-.22820	-.23580	-.23200	-.22450
.601	3.763	-.17870	-.13710	.05310	.03700	-.22770	-.22510	-.24160	-.25350	-.24760	-.22960
.600	5.825	-.30360	-.22530	.09140	.03900	-.24040	-.23710	-.25790	-.27070	-.26430	-.24110
	GRADIENT	-.04808	-.03600	.01353	-.00021	.00124	.00026	.00163	.00217	.00191	.00218

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.900	-6.638	.33090	.24920	-.10020	.04330	-.26480	-.26050	-.28030	-.29340	-.28680	-.27460
.899	-4.557	.21540	.16530	-.05990	.04130	-.25160	-.25030	-.26840	-.27810	-.27330	-.26160
.901	-.387	.02350	.02160	-.01270	.03920	-.23660	-.23870	-.25110	-.25380	-.25250	-.25130
.900	3.768	-.16410	-.12220	.03560	.04190	-.25310	-.25620	-.26740	-.27520	-.27130	-.26750
.900	5.853	-.28920	-.21170	.07920	.04380	-.26750	-.26580	-.28010	-.28840	-.28430	-.27590
	GRADIENT	-.04559	-.03454	.01147	.00007	-.00018	-.00071	.00012	.00035	.00024	-.00071

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV10) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.949	-6.657	.31420	.23850	-.09370	.04850	-.29970	-.28730	-.30550	-.32250	-.31400	-.30510
.949	-4.576	.20160	.14950	-.04980	.04570	-.28330	-.27050	-.28940	-.30260	-.29600	-.28700
.950	-.392	.01840	.01550	-.00840	.04280	-.26650	-.25640	-.27260	-.27780	-.27520	-.26240
.950	3.784	-.16430	-.11920	.03370	.04450	-.27700	-.27070	-.28350	-.29090	-.28720	-.26990
.950	5.869	-.27670	-.20670	.07790	.04770	-.29800	-.28940	-.30230	-.30870	-.30550	-.28950
	GRADIENT	-.04376	-.03214	.00999	-.00014	.00075	-.00002	.00071	.00140	.00105	.00205

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.101	-6.691	.34540	.27400	-.13900	.05920	-.36640	-.34430	-.36820	-.38610	-.37720	-.37550
1.098	-4.587	.22650	.17760	-.08330	.05640	-.35060	-.33070	-.35380	-.37280	-.36330	-.35410
1.097	-.387	.01240	.00840	-.00240	.05520	-.34650	-.33110	-.34790	-.35730	-.35260	-.33340
1.099	3.794	-.19890	-.15500	.07350	.05470	-.34050	-.32990	-.34370	-.35420	-.34890	-.33490
1.101	5.897	-.31400	-.24700	.12600	.05580	-.34680	-.33630	-.35550	-.36930	-.36240	-.34270
	GRADIENT	-.05076	-.03969	.01871	-.00020	.00120	.00010	.00121	.00222	.00172	.00229

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.148	-6.703	.35180	.27830	-.14650	.05810	-.36000	-.33550	-.36180	-.37600	-.36890	-.37110
1.152	-4.591	.23220	.18190	-.09000	.05560	-.34570	-.32330	-.34840	-.36360	-.35600	-.34990
1.151	-.388	.01040	.00610	-.00170	.05210	-.32620	-.31120	-.32840	-.34070	-.33460	-.31810
1.148	3.798	-.20580	-.16170	.08060	.05190	-.32300	-.31290	-.32760	-.33750	-.33260	-.31870
1.149	5.899	-.31750	-.25050	.13090	.05170	-.32020	-.31060	-.32800	-.33900	-.33350	-.31960
	GRADIENT	-.05221	-.04096	.02034	-.00044	.00271	.00124	.00248	.00311	.00279	.00372

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.247	-6.714	.34390	.27320	-.14870	.05440	-.33700	-.31470	-.33620	-.34930	-.34270	-.34750
1.251	-4.606	.22650	.17850	-.09180	.05320	-.33070	-.30710	-.32860	-.34050	-.33460	-.33710
1.251	-.399	.00720	.00400	-.00010	.04990	-.31200	-.29440	-.31240	-.32420	-.31830	-.30920
1.252	3.796	-.20410	-.16020	.08400	.04930	-.30620	-.29360	-.31090	-.32030	-.31560	-.30650
1.249	5.899	-.31530	-.24880	.13570	.04910	-.30370	-.29300	-.31200	-.32320	-.31760	-.30590
	GRADIENT	-.05125	-.04032	.02093	-.00046	.00292	.00161	.00211	.00241	.00226	.00364

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV11) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-6.510	.32410	.23680	-.09240	.03930	-.24010	-.22850	-.25960	-.27940	-.26950	-.25650
.600	-4.431	.21160	.15770	-.05850	.03820	-.23460	-.22290	-.25200	-.26840	-.26020	-.24620
.600	-2.384	.09890	.07310	-.02430	.03630	-.22270	-.21470	-.23390	-.24260	-.23820	-.23210
.600	-.330	.00570	.00210	.00160	.03540	-.21620	-.21130	-.22800	-.23510	-.23150	-.22570
.600	1.727	-.07480	-.05750	.02030	.03580	-.21950	-.21460	-.23130	-.24060	-.23600	-.22530
.600	3.780	-.18200	-.13700	.05250	.03690	-.22780	-.22170	-.24180	-.25310	-.24750	-.23060
.600	5.829	-.30640	-.22580	.09150	.03880	-.23970	-.23240	-.25580	-.26810	-.26200	-.24160
	GRADIENT	-.04679	-.03506	.01298	-.00015	.00082	.00012	.00112	.00159	.00134	.00185

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.900	-6.642	.33410	.25390	-.10440	.04350	-.26520	-.26210	-.28160	-.29270	-.28710	-.27650
.900	-4.554	.21960	.17450	-.06850	.04150	-.25160	-.25220	-.26930	-.27750	-.27340	-.26390
.900	-2.463	.10520	.08660	-.03270	.04010	-.24100	-.24360	-.26030	-.26690	-.26360	-.25900
.899	-.397	.02370	.02460	-.01610	.03900	-.23420	-.23850	-.24990	-.25080	-.25030	-.25080
.899	1.684	-.05440	-.03200	-.00400	.03940	-.23750	-.24290	-.25000	-.25240	-.25120	-.25160
.899	3.770	-.16400	-.11910	.03260	.04190	-.25290	-.25630	-.26660	-.27380	-.27020	-.26910
.900	5.847	-.29040	-.21020	.07750	.04390	-.26710	-.26640	-.28040	-.28850	-.28440	-.27780
	GRADIENT	-.04457	-.03394	.01111	.00001	.00004	-.00036	.00075	.00105	.00090	-.00015

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (RBPV12) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 S077-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-5.840	.29490	.21320	-.08090	.03760	-.22880	-.21510	-.24650	-.27180	-.25910	-.24950
.599	-3.778	.17980	.13150	-.04710	.03640	-.22280	-.20850	-.23770	-.25880	-.24830	-.23780
.599	-1.715	.07010	.04900	-.01430	.03500	-.21440	-.20620	-.22530	-.23460	-.22990	-.22360
.600	.326	-.01410	-.01320	.00600	.03430	-.20980	-.20490	-.22200	-.22990	-.22590	-.21780
.600	2.380	-.10130	-.07730	.02810	.03500	-.21510	-.21120	-.23110	-.24370	-.23740	-.21890
.599	4.432	-.21760	-.16290	.06350	.03600	-.22180	-.21840	-.24030	-.25310	-.24670	-.22430
.601	6.502	-.33650	-.24640	.10030	.03660	-.22520	-.22210	-.24380	-.25670	-.25020	-.22900
	GRADIENT	-.04710	-.03486	.01285	-.00004	.00006	-.00121	-.00053	.00011	-.00021	.00155

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.899	-5.880	.30350	.23210	-.09380	.04320	-.26430	-.25830	-.27690	-.29330	-.28510	-.27400
.899	-3.803	.18070	.14210	-.05270	.04140	-.25130	-.24970	-.26940	-.28420	-.27680	-.26560
.899	-1.717	.07380	.06020	-.02240	.03930	-.23440	-.24010	-.25940	-.26810	-.26370	-.25730
.900	.380	-.00280	.00320	-.01010	.03850	-.23010	-.23740	-.25100	-.25500	-.25300	-.24910
.901	2.454	-.08490	-.05680	.00560	.03960	-.23820	-.24290	-.25390	-.25890	-.25640	-.25330
.901	4.527	-.20770	-.15050	.04730	.04210	-.25530	-.25660	-.27280	-.28420	-.27850	-.26840
.900	6.628	-.32760	-.23740	.09170	.04400	-.26790	-.26650	-.28540	-.30060	-.29300	-.27920
	GRADIENT	-.04490	-.03371	.01094	.00008	-.00056	-.00079	-.00006	.00045	.00019	-.00007

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.097	-5.931	.30100	.23730	-.11700	.05510	-.34070	-.32150	-.33960	-.35570	-.34760	-.35100
1.098	-3.814	.18650	.14380	-.06530	.05290	-.32840	-.31100	-.32870	-.34180	-.33520	-.33150
1.100	-1.718	.07250	.05560	-.02390	.05250	-.32720	-.31010	-.33010	-.34390	-.33700	-.32540
1.102	.374	-.02310	-.01950	.01000	.05400	-.33760	-.32370	-.34010	-.34850	-.34430	-.32980
1.100	2.493	-.12610	-.09810	.04450	.05210	-.32550	-.31360	-.33010	-.34100	-.33550	-.31650
1.103	4.562	-.24050	-.18780	.09060	.05250	-.32670	-.31720	-.33400	-.34530	-.33970	-.32140
1.098	6.671	-.34530	-.27010	.13630	.05390	-.33540	-.32380	-.34390	-.35640	-.35020	-.33180
	GRADIENT	-.05021	-.03897	.01813	-.00006	.00025	-.00076	-.00050	-.00019	-.00036	.00139

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV12) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.248	-5.933	.30780	.24210	-.12850	.05050	-.31240	-.29380	-.31200	-.32390	-.31800	-.32060
1.249	-3.826	.18970	.14700	-.07290	.04870	-.30340	-.28480	-.30330	-.31430	-.30880	-.30540
1.250	-1.703	.06830	.05390	-.02590	.04810	-.30050	-.28140	-.29980	-.30860	-.30420	-.29950
1.250	.384	-.02740	-.02290	.01340	.04730	-.29550	-.27630	-.29460	-.30550	-.30010	-.29430
1.252	2.498	-.12830	-.10230	.05440	.04780	-.29780	-.28380	-.30070	-.31040	-.30560	-.29680
1.251	4.577	-.24040	-.18890	.09920	.04690	-.29160	-.27880	-.29770	-.30830	-.30300	-.29130
1.250	6.693	-.34780	-.27390	.14990	.04840	-.30010	-.28580	-.30890	-.32100	-.31500	-.30280
	GRADIENT	-.05031	-.03942	.02021	-.00019	.00125	.00046	.00049	.00049	.00049	.00147

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV13) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.896	-5.832	.28370	.21450	-.08500	.04230	-.25420	-.24430	-.28030	-.29740	-.28880	-.28310
-7.925	-3.836	.16880	.12990	-.05060	.04130	-.25030	-.23760	-.27340	-.28840	-.28090	-.27400
-7.893	.057	-.02040	-.01710	.00710	.03810	-.22920	-.22500	-.25070	-.25950	-.25510	-.25140
-7.839	4.000	-.22590	-.17050	.06750	.03980	-.24000	-.23640	-.26630	-.28280	-.27450	-.26140
-7.855	6.011	-.34600	-.25470	.10380	.04170	-.25210	-.24680	-.27650	-.29070	-.28360	-.27160
	GRADIENT	-.05037	-.03834	.01507	-.00019	.00131	.00015	.00090	.00070	.00080	.00160

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.969	-5.880	.29030	.21570	-.08400	.04110	-.24850	-.23450	-.27280	-.29760	-.28520	-.27590
-3.947	-3.907	.17840	.13420	-.05050	.03990	-.24380	-.22800	-.26420	-.28330	-.27380	-.26250
-3.864	.062	-.01280	-.01170	.00460	.03660	-.22200	-.21660	-.23800	-.24740	-.24270	-.23830
-3.824	3.945	-.20380	-.15350	.05940	.03830	-.23360	-.22920	-.25640	-.27160	-.26400	-.24550
-3.813	5.894	-.32240	-.23750	.09600	.03950	-.24000	-.23570	-.26370	-.27950	-.27160	-.25410
	GRADIENT	-.04867	-.03664	.01400	-.00021	.00131	-.00014	.00101	.00152	.00127	.00218

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV13) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.133	-6.507	.33000	.23850	-.09240	.03950	-.24070	-.23080	-.26170	-.28290	-.27230	-.25790
-.113	-4.455	.21640	.15870	-.05810	.03870	-.23790	-.22720	-.25520	-.27130	-.26330	-.24750
-.086	-.342	.01120	.00300	.00240	.03540	-.21650	-.21370	-.22820	-.23580	-.23200	-.22450
-.067	3.763	-.17870	-.13710	.05310	.03700	-.22770	-.22510	-.24180	-.25350	-.24760	-.22960
-.065	5.825	-.30360	-.22530	.09140	.03900	-.24040	-.23710	-.25790	-.27070	-.26430	-.24110
	GRADIENT	-.04808	-.03600	.01353	-.00021	.00124	.00026	.00163	.00217	.00191	.00218

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.167	-6.004	.28980	.21160	-.08170	.03730	-.22720	-.20900	-.24320	-.27210	-.25770	-.24950
4.146	-4.006	.17760	.13140	-.04650	.03570	-.21890	-.20030	-.23080	-.25570	-.24320	-.23620
4.163	.063	-.00130	-.00380	.00230	.03500	-.21670	-.19980	-.22520	-.24140	-.23330	-.22450
4.082	4.092	-.17910	-.13690	.04990	.03490	-.21630	-.20920	-.23060	-.24990	-.24030	-.21670
4.043	6.076	-.30290	-.22340	.08960	.03660	-.22730	-.22080	-.24380	-.26420	-.25400	-.22520
	GRADIENT	-.04405	-.03313	.01191	-.00010	.00032	-.00110	.00003	.00072	.00036	.00241

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV14) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.963	-5.929	.29760	.22060	-.08560	.04190	-.25190	-.24560	-.27740	-.29370	-.28560	-.27730
-7.865	-3.825	.17710	.13170	-.04930	.03990	-.24160	-.23390	-.25980	-.27160	-.26570	-.26280
-7.887	.047	-.01340	-.01540	.00810	.03760	-.22690	-.22580	-.24780	-.25640	-.25210	-.24460
-7.799	4.055	-.22030	-.16970	.06850	.03940	-.23790	-.23730	-.26320	-.27980	-.27150	-.25420
-7.855	5.972	-.33600	-.25090	.10310	.04110	-.24900	-.24730	-.27320	-.28790	-.28050	-.26550
	GRADIENT	-.05044	-.03825	.01495	-.00006	.00045	-.00045	-.00045	-.00107	-.00076	.00107

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV14) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.973	-5.870	.29570	.21670	-.08290	.04080	-.24680	-.23660	-.27130	-.29380	-.28250	-.26990
-3.896	-3.860	.18070	.13290	-.04820	.03960	-.24220	-.23070	-.26310	-.27950	-.27130	-.25630
-3.913	.055	-.00640	-.00960	.00560	.03610	-.21910	-.21760	-.23470	-.24380	-.23920	-.23070
-3.829	3.943	-.19830	-.15230	.06060	.03780	-.23090	-.23020	-.25240	-.26650	-.25950	-.23780
-3.828	5.914	-.31840	-.23720	.09710	.03910	-.23810	-.23800	-.26160	-.27560	-.26860	-.24730
	GRADIENT	-.04857	-.03655	.01394	-.00023	.00145	.00007	.00138	.00167	.00152	.00238

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.133	-6.507	.33000	.23850	-.09240	.03950	-.24070	-.23080	-.26170	-.28290	-.27230	-.25790
-.113	-4.455	.21640	.15870	-.05810	.03870	-.23790	-.22720	-.25520	-.27130	-.26330	-.24750
-.086	-.342	.01120	.00300	.00240	.03540	-.21650	-.21370	-.22820	-.23580	-.23200	-.22450
-.067	3.763	-.17870	-.13710	.05310	.03700	-.22770	-.22510	-.24180	-.25350	-.24760	-.22960
-.065	5.825	-.30360	-.22530	.09140	.03900	-.24040	-.23710	-.25790	-.27070	-.26430	-.24110
	GRADIENT	-.04808	-.03600	.01353	-.00021	.00124	.00026	.00163	.00217	.00191	.00218

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.176	-5.987	.29180	.21120	-.07990	.03690	-.22520	-.21160	-.24140	-.26830	-.25490	-.24210
4.164	-4.033	.18340	.13380	-.04600	.03560	-.21840	-.20500	-.23080	-.25410	-.24240	-.23070
4.143	.054	.00180	-.00350	.00380	.03460	-.21460	-.20300	-.22360	-.23800	-.23080	-.21810
4.078	4.103	-.17330	-.13450	.05060	.03460	-.21490	-.21170	-.22840	-.24490	-.23670	-.20970
4.069	6.114	-.30140	-.22450	.09210	.03640	-.22660	-.22430	-.24290	-.26070	-.25180	-.21950
	GRADIENT	-.04385	-.03298	.01187	-.00012	.00043	-.00082	.00030	.00114	.00070	.00258

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV15) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.977	-5.848	.30160	.22750	-.09010	.04770	-.29050	-.28200	-.30700	-.31590	-.31140	-.30740
-7.941	-3.825	.17830	.13190	-.04490	.04570	-.27670	-.27250	-.29950	-.30910	-.30430	-.29740
-7.916	.077	-.00130	.00230	-.00850	.04290	-.26020	-.25710	-.27450	-.27710	-.27580	-.27600
-7.880	4.019	-.20620	-.15010	.04600	.04670	-.28480	-.27930	-.29820	-.30310	-.30070	-.29750
-7.857	6.024	-.33070	-.24010	.09120	.04820	-.29580	-.28840	-.30540	-.30700	-.30620	-.30540
	GRADIENT	-.04902	-.03596	.01159	.00013	-.00104	-.00088	.00015	.00075	.00045	-.00002

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-4.030	-5.941	.30140	.22620	-.08890	.04470	-.27320	-.26540	-.29870	-.30350	-.29610	-.28710
-3.980	-3.924	.18180	.13680	-.04740	.04290	-.25940	-.25670	-.28060	-.29520	-.28790	-.27700
-3.921	.073	.00640	.00740	-.00960	.04010	-.24290	-.24240	-.25830	-.26290	-.26060	-.25630
-3.858	3.999	-.18640	-.13550	.04060	.04400	-.26750	-.26530	-.28740	-.29910	-.29320	-.28080
-3.826	5.937	-.30690	-.22330	.08400	.04580	-.27930	-.27500	-.29800	-.31320	-.30560	-.29090
	GRADIENT	-.04646	-.03436	.01110	.00014	-.00101	-.00107	-.00084	-.00047	-.00065	-.00046

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.193	-6.638	.33090	.24920	-.10020	.04330	-.26480	-.26050	-.28030	-.29340	-.28680	-.27460
-.168	-4.557	.21540	.16530	-.05990	.04130	-.25160	-.25030	-.26840	-.27810	-.27330	-.26160
-.137	-.387	.02350	.02160	-.01270	.03920	-.23660	-.23870	-.25110	-.25380	-.25250	-.25130
-.125	3.768	-.16410	-.12220	.03560	.04190	-.25310	-.25620	-.26740	-.27520	-.27130	-.26750
-.126	5.853	-.28920	-.21170	.07920	.04380	-.26750	-.26580	-.28010	-.28840	-.28430	-.27590
	GRADIENT	-.04559	-.03454	.01147	.00007	-.00018	-.00071	.00012	.00035	.00024	-.00071

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.168	-5.967	.26100	.20260	-.07110	.04190	-.25460	-.25200	-.27110	-.28220	-.27660	-.26830
4.132	-3.961	.15640	.12630	-.03610	.04000	-.24460	-.23890	-.25510	-.26320	-.25920	-.25500
4.099	.072	.01170	.01110	-.00950	.03920	-.23990	-.23710	-.25470	-.26420	-.25940	-.24650
4.028	4.069	-.16460	-.12680	.03630	.04140	-.25130	-.24860	-.26590	-.27400	-.26990	-.26550
3.995	6.030	-.27240	-.20760	.07690	.04450	-.27130	-.26690	-.28600	-.29750	-.29170	-.28370
	GRADIENT	-.03997	-.03151	.00901	.00017	-.00083	-.00121	-.00134	-.00134	-.00133	-.00130

IA183.AEDC PWT 16TF-519 O T S (V TAIL) (R8PV16) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-8.041	-5.891	.30310	.22940	-.09180	.05220	-.32290	-.31100	-.33190	-.33700	-.33440	-.32700
-7.979	-3.871	.18170	.13540	-.04680	.04930	-.30480	-.29300	-.31640	-.32250	-.31950	-.30910
-7.923	.111	-.00420	.00190	-.00940	.04560	-.28310	-.27420	-.29220	-.29490	-.29350	-.28040
-7.836	4.075	-.21410	-.15780	.05270	.04960	-.30900	-.29760	-.31270	-.31530	-.31400	-.30550
-7.812	6.056	-.33760	-.25250	.10310	.05220	-.32450	-.31340	-.32710	-.32840	-.32780	-.32210
	GRADIENT	-.04981	-.03690	.01252	.00004	-.00052	-.00057	.00047	.00091	.00070	.00046

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-4.045	-5.874	.29290	.21950	-.08480	.05000	-.30930	-.29620	-.31760	-.33040	-.32400	-.31460
-4.065	-3.949	.17810	.12940	-.04030	.04680	-.28933	-.27560	-.29860	-.31220	-.30540	-.29620
-3.959	.128	.00340	.00730	-.01060	.04300	-.26850	-.25800	-.27540	-.28080	-.27810	-.26320
-3.808	4.023	-.18890	-.13670	.04100	.04680	-.29250	-.28280	-.30080	-.31070	-.30580	-.28500
-3.797	5.989	-.30580	-.22630	.08700	.04980	-.31120	-.30070	-.31590	-.32160	-.31870	-.30330
	GRADIENT	-.04601	-.03335	.01018	-.00001	-.00036	-.00085	-.00023	.00025	.00000	.00146

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.246	-6.657	.31420	.23850	-.09370	.04850	-.29970	-.28730	-.30550	-.32250	-.31400	-.30510
-.222	-4.576	.20160	.14950	-.04980	.04570	-.28330	-.27050	-.28940	-.30260	-.29600	-.28700
-.195	-.392	.01840	.01550	-.00840	.04280	-.26650	-.25640	-.27260	-.27780	-.27520	-.26240
-.186	3.784	-.16430	-.11920	.03370	.04450	-.27700	-.27070	-.28350	-.29090	-.28720	-.26990
-.186	5.869	-.27670	-.20670	.07790	.04770	-.29800	-.28940	-.30230	-.30870	-.30550	-.28950
	GRADIENT	-.04376	-.03214	.00999	-.00014	.00075	-.00002	.00071	.00140	.00105	.00205

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.189	-5.916	.24530	.19500	-.07060	.04470	-.27700	-.26580	-.28030	-.28810	-.28420	-.27880
4.143	-3.897	.14080	.10830	-.02850	.04250	-.26470	-.25240	-.26630	-.27200	-.26910	-.26400
4.129	.123	.00780	.00810	-.00700	.04300	-.26860	-.25760	-.27610	-.28580	-.28100	-.26330
3.986	4.112	-.14470	-.10980	.02840	.04370	-.27330	-.26440	-.27920	-.28820	-.28370	-.26580
3.951	6.049	-.24740	-.19180	.06750	.04720	-.29600	-.28480	-.30160	-.31520	-.30840	-.28590
	GRADIENT	-.03564	-.02723	.00710	.00015	-.00107	-.00150	-.00161	-.00202	-.00182	-.00022

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV17) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-8.066	-5.885	.33270	.26490	-.13770	.06350	-.39210	-.37250	-.39280	-.40200	-.39740	-.40300
-7.985	-3.816	.19910	.15600	-.07570	.06120	-.38030	-.36010	-.38240	-.39300	-.38770	-.38300
-7.892	.189	-.02910	-.02390	.01220	.05660	-.35230	-.33720	-.35560	-.36480	-.36020	-.35050
-7.821	4.095	-.25530	-.20110	.10260	.05760	-.35520	-.34680	-.36140	-.36840	-.36490	-.35870
-7.789	6.119	-.37560	-.29610	.15680	.05890	-.36360	-.35530	-.36840	-.37420	-.37130	-.36660
	GRADIENT	-.05744	-.04514	.02254	-.00046	.00319	.00170	.00267	.00313	.00290	.00309

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-4.117	-5.871	.31470	.25010	-.12780	.06190	-.38480	-.35960	-.38620	-.39910	-.39270	-.39120
-4.067	-3.871	.19340	.15120	-.07220	.05970	-.37270	-.35080	-.37600	-.39020	-.38310	-.37190
-3.907	.178	-.01990	-.01680	.00930	.05460	-.34060	-.32570	-.34530	-.35980	-.35260	-.33660
-3.775	4.048	-.22660	-.17860	.08890	.05420	-.33660	-.32900	-.34390	-.35450	-.34920	-.33150
-3.742	6.025	-.34050	-.26790	.13850	.05570	-.34480	-.33710	-.35460	-.36750	-.36100	-.34320
	GRADIENT	-.05303	-.04164	.02034	-.00070	.00458	.00278	.00408	.00453	.00431	.00513

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.333	-6.691	.34540	.27400	-.13900	.05920	-.36640	-.34430	-.36820	-.38610	-.37720	-.37550
-.310	-4.587	.22650	.17760	-.08330	.05640	-.35060	-.33070	-.35380	-.37280	-.36330	-.35410
-.279	-.387	.01240	.00840	-.00240	.05520	-.34650	-.33110	-.34790	-.35730	-.35260	-.33340
-.262	3.794	-.19890	-.15500	.07350	.05470	-.34050	-.32990	-.34370	-.35420	-.34890	-.33490
-.261	5.897	-.31400	-.24700	.12600	.05580	-.34680	-.33630	-.35550	-.36930	-.36240	-.34270
	GRADIENT	-.05076	-.03969	.01871	-.00020	.00120	.00010	.00121	.00222	.00172	.00229

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.228	-5.914	.28040	.22230	-.10530	.05390	-.33490	-.31590	-.33360	-.34720	-.34040	-.33780
4.228	-3.911	.17410	.13650	-.05950	.05350	-.33370	-.31350	-.33300	-.34920	-.34110	-.33440
4.113	.179	-.00740	-.00740	.00370	.05440	-.34230	-.31940	-.34420	-.35790	-.35100	-.33250
3.966	4.159	-.19120	-.15160	.06960	.05520	-.34490	-.32660	-.34620	-.35920	-.35270	-.34110
3.917	6.091	-.29360	-.23280	.11540	.05680	-.35500	-.33640	-.35690	-.36880	-.36290	-.35000
	GRADIENT	-.04526	-.03570	.01599	.00021	-.00139	-.00162	-.00164	-.00124	-.00144	-.00082

IA183.AEDC PWT 16TF-519 O T S (V TAIL) (R8PV18) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-8.019	-5.788	.32260	.25690	-.13560	.06060	-.37320	-.35320	-.37390	-.38150	-.37770	-.38730
-7.988	-3.828	.19750	.15450	-.07670	.05740	-.35570	-.33580	-.35770	-.36510	-.36140	-.36270
-7.933	.164	-.03160	-.02560	.01310	.05360	-.33300	-.31620	-.33660	-.34620	-.34140	-.33480
-7.845	4.098	-.25740	-.20270	.10550	.05480	-.33760	-.32910	-.34540	-.35210	-.34870	-.34410
-7.787	6.073	-.37760	-.29790	.16170	.05640	-.34710	-.33860	-.35420	-.35830	-.35630	-.35290
	GRADIENT	-.05740	-.04507	.02299	-.00033	.00229	.00086	.00156	.00165	.00161	.00236

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-4.078	-5.858	.31200	.24750	-.12940	.05760	-.35730	-.33520	-.35930	-.37190	-.36560	-.36550
-4.088	-3.925	.19550	.15280	-.07510	.05570	-.34660	-.32610	-.34910	-.36180	-.35550	-.34920
-3.917	.246	-.02590	-.02140	.01120	.05250	-.32740	-.31150	-.33180	-.34450	-.33820	-.32470
-3.814	4.067	-.23050	-.18120	.09300	.05180	-.32040	-.31180	-.32880	-.34040	-.33460	-.32090
-3.820	6.086	-.34670	-.27310	.14520	.05320	-.32860	-.31950	-.34140	-.35650	-.34900	-.33230
	GRADIENT	-.05330	-.04179	.02103	-.00049	.00330	.00182	.00256	.00270	.00264	.00358

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.312	-6.703	.35180	.27830	-.14650	.05810	-.36000	-.33550	-.36180	-.37600	-.36890	-.37110
-.284	-4.591	.23220	.18190	-.09000	.05560	-.34570	-.32330	-.34840	-.36360	-.35600	-.34990
-.256	-.388	.01040	.00610	-.00170	.05210	-.32620	-.31120	-.32840	-.34070	-.33460	-.31810
-.248	3.798	-.20580	-.16170	.08060	.05190	-.32300	-.31290	-.32760	-.33750	-.33260	-.31870
-.253	5.899	-.31750	-.25050	.13090	.05170	-.32020	-.31060	-.32800	-.33900	-.33350	-.31960
	GRADIENT	-.05221	-.04096	.02034	-.00044	.00271	.00124	.00248	.00311	.00279	.00372

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.242	-5.906	.28710	.22780	-.11310	.05180	-.32250	-.30140	-.32230	-.33610	-.32920	-.32670
4.193	-3.905	.18100	.14140	-.06500	.05080	-.31660	-.29570	-.31640	-.33110	-.32380	-.31890
4.113	.154	-.01150	-.01060	.00630	.05210	-.32780	-.30520	-.33010	-.34290	-.33650	-.31910
3.982	4.145	-.20160	-.15990	.07730	.05090	-.31890	-.30170	-.32300	-.33590	-.32940	-.31320
3.922	6.055	-.30080	-.23950	.12290	.05230	-.32650	-.30940	-.33130	-.34360	-.33750	-.32270
	GRADIENT	-.04753	-.03743	.01768	.00001	-.00029	-.00075	-.00083	-.00060	-.00070	.00071

IA183,AEDC PWT 16TF-519 O T S (V TAIL) (R8PV19) (02 MAY 80)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.928	-5.917	.33470	.26600	-.14450	.05610	-.34520	-.32630	-.34440	-.35190	-.34810	-.35930
-7.958	-3.908	.20630	.16260	-.08280	.05370	-.33110	-.31130	-.33210	-.33660	-.33440	-.34340
-7.918	.063	-.02320	-.01960	.01160	.05130	-.31730	-.29980	-.32130	-.32860	-.32500	-.32460
-7.899	4.029	-.25510	-.20050	.10790	.05120	-.31560	-.30380	-.32200	-.32630	-.32420	-.32260
-7.875	6.017	-.37790	-.29640	.16580	.05300	-.32580	-.31520	-.33290	-.33610	-.33450	-.33650
	GRADIENT	-.05813	-.04575	.02403	-.00032	.00195	.00095	.00127	.00130	.00129	.00262

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-4.039	-5.971	.31740	.25210	-.13580	.05490	-.33940	-.31930	-.33870	-.34850	-.34360	-.35060
-3.982	-3.941	.19530	.15330	-.07730	.05230	-.32500	-.30370	-.32450	-.33210	-.32830	-.33020
-3.955	.061	-.01650	-.01510	.00990	.05000	-.31130	-.29340	-.31340	-.32360	-.31850	-.31310
-3.861	4.009	-.22730	-.17920	.09520	.04890	-.30300	-.29220	-.31000	-.32090	-.31540	-.30470
-3.849	5.944	-.33840	-.26690	.14740	.05040	-.31130	-.30110	-.32140	-.33380	-.32760	-.31420
	GRADIENT	-.05316	-.04182	.02170	-.00043	.00277	.00145	.00183	.00141	.00162	.00321

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.216	-6.714	.34390	.27320	-.14870	.05440	-.33700	-.31470	-.33620	-.34930	-.34270	-.34750
-.181	-4.606	.22650	.17850	-.09180	.05320	-.33070	-.30710	-.32860	-.34050	-.33460	-.33710
-.146	-.399	.00720	.00400	-.00010	.04990	-.31200	-.29440	-.31240	-.32420	-.31830	-.30920
-.134	3.796	-.20410	-.16020	.08400	.04930	-.30620	-.29360	-.31090	-.32030	-.31560	-.30650
-.140	5.899	-.31530	-.24880	.13570	.04910	-.30370	-.29300	-.31200	-.32320	-.31760	-.30590
	GRADIENT	-.05125	-.04032	.02093	-.00046	.00292	.00161	.00211	.00241	.00226	.00364

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.169	-5.992	.29840	.23450	-.12270	.04980	-.31100	-.28890	-.31220	-.32670	-.31940	-.31170
4.148	-3.993	.19180	.14870	-.07280	.05000	-.31330	-.29170	-.31550	-.33080	-.32320	-.31000
4.118	.062	-.01010	-.00900	.00560	.04850	-.30320	-.28170	-.30360	-.31640	-.31000	-.30370
4.028	4.067	-.20460	-.15980	.08210	.04840	-.30210	-.28670	-.30880	-.32150	-.31520	-.29890
3.990	6.025	-.30330	-.23950	.12950	.04930	-.30670	-.29050	-.31340	-.32600	-.31970	-.30820
	GRADIENT	-.04918	-.03828	.01922	-.00020	.00139	.00062	.00084	.00116	.00100	.00138

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.599	-7.890	-8.03870	-8.04810	10.02000	5.00000	9.90000	5.00000	110.20000	386.99150	1962.70000	1539.71190
.600	-5.911	-6.00360	-6.00920	10.02000	5.00000	9.90000	5.00000	109.80000	387.12010	1961.09990	1537.91530
.601	-3.894	-3.92530	-3.92550	10.02000	5.00000	9.90000	5.00000	109.90000	388.30350	1961.79980	1537.18950
.599	-1.895	-1.86700	-1.85950	10.02000	5.00000	9.90000	5.00000	109.90000	386.43650	1960.39990	1538.03130
.600	.069	.15670	.16500	10.02000	5.00000	9.90000	5.00000	110.20000	387.54390	1961.39990	1537.70580
.600	2.115	2.24960	2.25720	10.02000	5.00000	9.90000	5.00000	110.30000	387.89650	1962.20000	1538.09590
.599	4.086	4.28960	4.29670	10.02000	5.00000	9.90000	5.00000	110.20000	386.70090	1961.00000	1538.32401
.600	6.092	6.36140	6.37270	10.02000	5.00000	9.90000	5.00000	110.20000	387.72730	1962.09990	1538.19971
.600	8.127	8.45930	8.47310	10.02000	5.00000	9.90000	5.00000	110.40000	387.81540	1962.29980	1538.29710
	GRADIENT	1.02881	1.02955	.00000	.00000	.00000	.00000	.05006	-.08718	.01042	.11699

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.900	-7.947	-8.17050	-8.19450	10.02000	5.00000	9.90000	5.00000	109.90000	524.91550	1566.39990	926.50440
.898	-5.896	-6.03000	-6.04600	10.02000	5.00000	9.90000	5.00000	110.00000	523.10890	1563.20000	925.84420
.901	-3.977	-4.04040	-4.05020	10.02000	5.00000	9.90000	5.00000	109.70000	523.70290	1560.59990	921.84470
.900	-1.978	-1.98150	-1.98370	10.02000	5.00000	9.90000	5.00000	109.80000	523.73540	1562.20000	923.63820
.898	.080	.11960	.12200	10.02000	5.00000	9.90000	5.00000	109.70000	522.74150	1562.50000	925.65260
.899	2.083	2.19490	2.19410	10.02000	5.00000	9.90000	5.00000	109.80000	523.37790	1563.50000	925.73900
.900	4.074	4.30880	4.30470	10.02000	5.00000	9.90000	5.00000	109.70000	523.68480	1562.29980	923.83860
.900	6.035	6.35280	6.34600	10.02000	5.00000	9.90000	5.00000	109.60000	523.24490	1560.20000	922.15330
.900	8.059	8.42880	8.44040	10.02000	5.00000	9.90000	5.00000	109.80000	523.88700	1561.89990	923.03710
	GRADIENT	1.03525	1.03589	-.00000	-.00000	.00000	-.00000	-.00002	-.02017	.23358	.30362

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.949	-7.962	-8.26640	-8.29730	10.02000	5.00000	9.90000	5.00000	109.90000	542.70920	1536.59990	860.36670
.950	-5.967	-6.17500	-6.19730	10.02000	5.00000	9.90000	5.00000	109.90000	541.89500	1532.39990	856.79590
.953	-3.889	-3.97760	-3.98490	10.02000	5.00000	9.90000	5.00000	109.90000	543.66650	1533.89990	855.36600
.950	-1.941	-1.92080	-1.91920	10.02000	5.00000	9.90000	5.00000	109.90000	542.38060	1534.70000	858.67940
.952	.075	.17740	.18160	10.02000	5.00000	9.90000	5.00000	109.90000	543.47530	1535.09990	857.16330
.950	2.072	2.20680	2.20760	10.02000	5.00000	9.90000	5.00000	110.20000	542.59450	1535.59990	859.37260
.948	4.089	4.30400	4.30420	10.02000	5.00000	9.90000	5.00000	110.20000	541.70830	1535.59990	860.98440
.949	6.060	6.38260	6.38700	10.02000	5.00000	9.90000	5.00000	110.00000	541.97240	1535.00000	859.78340
.948	8.033	8.39850	8.41230	10.02000	5.00000	9.90000	5.00000	110.00000	541.42630	1534.09990	859.69480
	GRADIENT	1.03612	1.03683	-.00000	.00000	.00000	.00000	.04513	-.18510	.21497	.59641

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.100	-7.936	-8.32570	-8.35710	10.02000	5.00000	9.90000	5.00000	109.00000	589.05220	1484.59990	695.02100
1.099	-5.967	-6.21640	-6.23680	10.02000	5.00000	9.90000	5.00000	109.20000	586.99020	1480.20000	693.76120
1.102	-3.894	-4.00130	-4.01490	10.02000	5.00000	9.90000	5.00000	109.00000	588.14940	1480.70000	691.55710
1.099	-1.913	-1.90430	-1.90280	10.02000	5.00000	9.90000	5.00000	110.50000	586.89230	1480.09990	693.86210
1.099	.048	.16650	.17550	10.02000	5.00000	9.90000	5.00000	110.80000	585.49460	1476.70000	692.39310
1.099	2.047	2.26410	2.27430	10.02000	5.00000	9.90000	5.00000	111.40000	587.20240	1480.89990	694.25460
1.100	4.066	4.37360	4.38050	10.02000	5.00000	9.90000	5.00000	111.20000	587.55540	1481.29980	693.95120
1.101	6.083	6.41560	6.42400	10.02000	5.00000	9.90000	5.00000	111.30000	587.50340	1480.20000	692.46140
1.102	8.041	8.44230	8.45210	10.02000	5.00000	9.90000	5.00000	111.70000	587.95610	1480.09990	691.16260
	GRADIENT	1.05220	1.05469	-.00000	-.00000	-.00000	-.00000	.26605	-.04273	.10311	.26071

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.251	-9.272	-9.72200	-9.75450	10.02000	5.00000	9.90000	5.00000	109.50000	620.83330	1469.79980	566.46900
1.251	-7.062	-7.34540	-7.36330	10.02000	5.00000	9.90000	5.00000	109.50000	621.11600	1470.39990	566.56470
1.251	-4.792	-4.91820	-4.92590	10.02000	5.00000	9.90000	5.00000	109.30000	621.20360	1470.70000	566.86060
1.249	-2.608	-2.57960	-2.57260	10.02000	5.00000	9.90000	5.00000	109.30000	621.08910	1471.20000	568.54420
1.249	-.466	-.26640	-.24520	10.02000	5.00000	9.90000	5.00000	109.30000	620.90010	1471.00000	568.94210
1.249	1.672	2.01780	2.03970	10.02000	5.00000	9.90000	5.00000	109.60000	621.10350	1471.39990	568.93990
1.251	3.843	4.26960	4.28720	10.02000	5.00000	9.90000	5.00000	109.60000	621.61690	1471.59990	567.05400
1.252	5.928	6.38150	6.39510	10.02000	5.00000	9.90000	5.00000	109.60000	621.81790	1471.70000	566.35910
1.250	8.124	8.66180	8.67050	10.02000	5.00000	9.90000	5.00000	109.40000	621.14700	1471.09990	568.04880
	GRADIENT	1.06602	1.06906	.00000	.00000	.00000	.00000	.04170	.03901	.09287	.03655

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP02) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.601	-8.687	-8.85920	-8.86820	10.02000	5.00000	9.90000	5.00000	109.90000	388.59890	1963.70000	1538.77690
.601	-4.498	-4.55170	-4.55220	10.02000	5.00000	9.90000	5.00000	109.80000	387.86300	1960.79980	1536.70171
.600	-2.483	-2.47550	-2.47010	10.02000	5.00000	9.90000	5.00000	109.60000	386.56270	1958.70000	1536.13499
.600	-.305	-.23210	-.22300	10.02000	5.00000	9.90000	5.00000	109.70000	386.72730	1958.59990	1535.83200
.600	1.740	1.86150	1.87040	10.02000	5.00000	9.90000	5.00000	109.70000	386.73440	1958.89990	1536.13091
.600	3.789	3.98120	3.98840	10.02000	5.00000	9.90000	5.00000	109.60000	387.70610	1961.20000	1537.30321
.599	7.989	8.31510	8.32860	10.02000	5.00000	9.90000	5.00000	109.60000	387.06050	1962.09990	1539.01289
	GRADIENT	1.02916	1.03007	.00000	.00000	-.00000	.00000	-.01423	-.00672	.04758	.05698

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.099	-7.899	-8.28730	-8.31730	10.02000	5.00000	9.90000	5.00000	109.90000	587.08520	1480.70000	694.25660
1.102	-5.927	-6.17300	-6.19380	10.02000	5.00000	9.90000	5.00000	110.00000	589.31010	1484.29980	693.92410
1.099	-3.895	-4.00890	-4.02110	10.02000	5.00000	9.90000	5.00000	109.70000	587.68850	1482.00000	694.64450
1.102	-1.958	-1.94910	-1.94810	10.02000	5.00000	9.90000	5.00000	109.60000	588.49900	1481.50000	691.84990
1.101	.059	.18130	.19050	10.02000	5.00000	9.90000	5.00000	109.90000	589.46530	1484.70000	694.12040
1.099	2.060	2.27920	2.28950	10.02000	5.00000	9.90000	5.00000	109.80000	586.49950	1479.70000	694.26560
1.098	4.067	4.37080	4.37790	10.02000	5.00000	9.90000	5.00000	109.60000	586.96480	1480.89990	694.85450
1.099	6.029	6.35920	6.36740	10.02000	5.00000	9.90000	5.00000	109.70000	587.54910	1482.09990	695.14360
1.099	8.087	8.48910	8.49810	10.02000	5.00000	9.90000	5.00000	109.70000	587.51270	1481.70000	694.64750
	GRADIENT	1.05244	1.05483	-.00000	-.00000	-.00000	-.00000	.00001	-.17401	-.20102	.14451

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.251	-9.234	-9.68270	-9.71420	10.02000	5.00000	9.90000	5.00000	109.50000	621.37720	1471.00000	566.75980
1.250	-6.992	-7.27080	-7.28790	10.02000	5.00000	9.90000	5.00000	109.50000	621.46610	1471.59990	567.74830
1.248	-4.814	-4.94110	-4.94800	10.02000	5.00000	9.90000	5.00000	109.60000	621.16770	1472.00000	570.02780
1.249	-2.661	-2.63510	-2.62790	10.02000	5.00000	9.90000	5.00000	109.50000	621.30690	1471.79980	568.93750
1.251	-.461	-.25890	-.23710	10.02000	5.00000	9.90000	5.00000	109.50000	621.84280	1472.29980	567.64530
1.252	1.706	2.05930	2.08070	10.02000	5.00000	9.90000	5.00000	109.60000	622.03050	1472.50000	567.24730
1.251	3.786	4.21330	4.23110	10.02000	5.00000	9.90000	5.00000	109.50000	621.85790	1472.50000	568.04080
1.250	5.956	6.40900	6.42170	10.02000	5.00000	9.90000	5.00000	109.40000	621.34330	1471.70000	568.54130
1.249	8.124	8.65950	8.66780	10.02000	5.00000	9.90000	5.00000	109.50000	621.15430	1471.50000	568.93920
	GRADIENT	1.06668	1.06964	-.00000	-.00000	-.00000	-.00000	-.00458	.09804	.07906	-.26430

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.251	-7.965	-8.31680	-8.34430	10.02000	5.00000	9.90000	5.00000	109.40000	622.46040	1473.89990	568.52880
1.251	-5.969	-6.17240	-6.18990	10.02000	5.00000	9.90000	5.00000	109.70000	621.85690	1472.20000	567.34810
1.250	-3.908	-3.96310	-3.96480	10.02000	5.00000	9.90000	5.00000	109.30000	622.25760	1473.50000	568.53130
1.249	-1.939	-1.85440	-1.84160	10.02000	5.00000	9.90000	5.00000	109.40000	622.38160	1474.29980	569.81620
1.253	.022	.27260	.29440	10.02000	5.00000	9.90000	5.00000	109.00000	622.56450	1473.29980	566.64770
1.249	2.053	2.42320	2.44240	10.02000	5.00000	9.90000	5.00000	109.30000	621.11820	1471.29980	568.64280
1.253	4.028	4.44260	4.46070	10.02000	5.00000	9.90000	5.00000	109.20000	622.49240	1473.20000	566.74730
1.249	6.036	6.49450	6.50730	10.02000	5.00000	9.90000	5.00000	109.20000	622.26510	1474.20000	570.11450
1.248	8.041	8.57310	8.58110	10.02000	5.00000	9.90000	5.00000	108.90000	620.46310	1470.39990	569.54080
	GRADIENT	1.06170	1.06401	.00000	.00000	.00000	.00000	-.01490	-.04063	-.18207	-.23756

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.102	-7.906	-8.28850	-8.32010	10.02000	5.00000	9.90000	5.00000	109.80000	588.90430	1483.00000	693.03590
1.098	-5.953	-6.20480	-6.22390	10.02000	5.00000	9.90000	5.00000	109.90000	587.85210	1483.70000	696.72880
1.100	-3.954	-4.06930	-4.08220	10.02000	5.00000	9.90000	5.00000	110.30000	588.46850	1483.39990	694.73190
1.098	-1.949	-1.94300	-1.94260	10.02000	5.00000	9.90000	5.00000	110.60000	587.13330	1482.00000	696.04440
1.099	.031	.14900	.15740	10.02000	5.00000	9.90000	5.00000	111.40000	587.62650	1482.29980	695.24170
1.102	2.076	2.30010	2.31100	10.02000	5.00000	9.90000	5.00000	111.30000	587.89480	1480.59990	692.05790
1.102	4.045	4.35580	4.36340	10.02000	5.00000	9.90000	5.00000	111.40000	587.87550	1480.50000	691.95900
1.100	6.096	6.42980	6.43870	10.02000	5.00000	9.90000	5.00000	111.40000	587.96360	1482.20000	694.24290
1.101	8.041	8.44060	8.44940	10.02000	5.00000	9.90000	5.00000	111.50000	588.33760	1482.29980	693.44210
	GRADIENT	1.05342	1.05600	.00000	-.00000	-.00000	-.00000	.14467	-.02113	-.36016	-.47711

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.249	-9.234	-9.68210	-9.71250	10.02000	5.00000	9.90000	5.00000	109.70000	621.01640	1471.09990	568.64400
1.250	-7.018	-7.29050	-7.31120	10.02000	5.00000	9.90000	5.00000	109.40000	621.28490	1471.50000	568.34400
1.251	-4.803	-4.92580	-4.93400	10.02000	5.00000	9.90000	5.00000	109.70000	621.72610	1471.89990	567.25070
1.249	-2.675	-2.64810	-2.64240	10.02000	5.00000	9.90000	5.00000	109.30000	621.05980	1471.39990	569.13820
1.249	-.433	-.22550	-.20470	10.02000	5.00000	9.90000	5.00000	109.50000	621.18330	1471.59990	569.03780
1.251	1.658	2.00890	2.03080	10.02000	5.00000	9.90000	5.00000	109.40000	621.66890	1472.00000	567.74610
1.252	3.831	4.25470	4.27180	10.02000	5.00000	9.90000	5.00000	109.40000	621.91360	1472.09990	566.85280
1.251	5.917	6.36810	6.38060	10.02000	5.00000	9.90000	5.00000	109.40000	621.40770	1471.39990	567.55100
1.250	8.126	8.66160	8.67020	10.02000	5.00000	9.90000	5.00000	109.50000	620.96560	1470.70000	567.95190
	GRADIENT	1.06564	1.06874	-.00000	-.00000	-.00000	-.00000	-.02296	.04539	.04623	-.10068

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.098	-7.905	-8.29100	-8.32110	10.02000	5.00000	9.90000	5.00000	109.60000	585.40820	1477.50000	693.78560
1.100	-5.955	-6.20880	-6.22370	10.02000	5.00000	9.90000	5.00000	109.60000	589.16800	1485.00000	695.31740
1.102	-3.945	-4.05840	-4.07210	10.02000	5.00000	9.90000	5.00000	109.60000	589.23460	1483.70000	693.22950
1.099	-1.943	-1.93470	-1.93430	10.02000	5.00000	9.90000	5.00000	109.30000	587.23710	1481.50000	695.04910
1.102	.032	.15430	.16290	10.02000	5.00000	9.90000	5.00000	109.40000	588.10940	1480.89990	691.95530
1.101	2.078	2.30110	2.31210	10.02000	5.00000	9.90000	5.00000	109.70000	587.54030	1480.59990	692.95780
1.100	4.035	4.34360	4.35010	10.02000	5.00000	9.90000	5.00000	109.80000	586.85860	1479.29980	692.76950
1.102	6.049	6.38270	6.39070	10.02000	5.00000	9.90000	5.00000	109.60000	588.01150	1480.79980	692.05620
1.099	8.090	8.49360	8.50390	10.02000	5.00000	9.90000	5.00000	109.70000	587.66770	1482.09990	694.84380
	GRADIENT	1.05299	1.05555	-.00000	-.00000	-.00000	-.00000	.04011	-.22276	-.48516	-.14995

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.249	-9.206	-9.65120	-9.68160	10.02000	5.00000	9.90000	5.00000	109.60000	620.85670	1470.70000	568.44780
1.249	-7.021	-7.29410	-7.31270	10.02000	5.00000	9.90000	5.00000	109.60000	621.07450	1471.29980	568.84130
1.252	-4.808	-4.93120	-4.94000	10.02000	5.00000	9.90000	5.00000	109.60000	621.99930	1472.09990	566.45610
1.251	-2.679	-2.65080	-2.64470	10.02000	5.00000	9.90000	5.00000	109.50000	621.84910	1472.09990	567.15040
1.249	-.469	-.26550	-.24450	10.02000	5.00000	9.90000	5.00000	109.50000	621.53200	1472.20000	568.83620
1.249	1.713	2.06200	2.08230	10.02000	5.00000	9.90000	5.00000	109.50000	621.35010	1472.09990	569.43190
1.250	3.802	4.22550	4.24250	10.02000	5.00000	9.90000	5.00000	109.50000	621.56810	1472.09990	568.43990
1.251	5.920	6.37190	6.38500	10.02000	5.00000	9.90000	5.00000	109.50000	621.79220	1472.20000	567.64580
1.251	8.126	8.66460	8.67310	10.02000	5.00000	9.90000	5.00000	109.50000	621.53830	1471.70000	567.64840
	GRADIENT	1.06543	1.06848	.00000	.00000	.00000	.00000	-.00925	-.06334	.00004	.29084

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.599	-8.073	-8.24980	-8.26880	10.02000	5.00000	9.90000	5.00000	109.30000	386.59380	1960.00000	1537.42970
.600	-5.971	-6.09090	-6.10750	10.02000	5.00000	9.90000	5.00000	109.30000	387.19170	1960.59990	1537.31570
.600	-3.863	-3.92070	-3.93270	10.02000	5.00000	9.90000	5.00000	109.60000	387.38450	1961.70000	1538.20799
.600	-1.762	-1.75160	-1.76010	10.02000	5.00000	9.90000	5.00000	109.60000	387.83230	1963.00000	1538.99440
.601	.280	.35240	.34500	10.02000	5.00000	9.90000	5.00000	109.30000	389.37720	1964.89990	1539.05690
.600	2.384	2.50470	2.49570	10.02000	5.00000	9.90000	5.00000	108.60000	386.82960	1959.39990	1536.52730
.599	4.460	4.64440	4.63510	10.02000	5.00000	9.90000	5.00000	108.70000	386.03170	1957.39990	1535.45020
.601	6.561	6.81640	6.80810	10.02000	5.00000	9.90000	5.00000	109.20000	387.89840	1958.79980	1534.60840
.600	8.661	8.97710	8.96910	10.02000	5.00000	9.90000	5.00000	109.30000	387.12010	1961.09990	1537.91530
	GRADIENT	1.02850	1.02874	.00000	.00000	.00000	.00000	-.13467	-.17917	-.58807	-.38426

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.899	-8.261	-8.60930	-8.63830	10.02000	5.00000	9.90000	5.00000	109.80000	522.78340	1560.39990	923.15970
.899	-6.072	-6.31900	-6.34330	10.02000	5.00000	9.90000	5.00000	109.90000	522.99850	1561.89990	923.95260
.899	-3.931	-4.10010	-4.12040	10.02000	5.00000	9.90000	5.00000	110.00000	523.34640	1561.89990	923.94560
.901	-1.818	-1.92100	-1.93610	10.02000	5.00000	9.90000	5.00000	109.80000	524.[illegible]5370	1562.59990	923.22880
.901	.330	.28590	.27350	10.02000	5.00000	9.90000	5.00000	109.70000	524.41460	1562.39990	922.72710
.901	2.457	2.48620	2.47040	10.02000	5.00000	9.90000	5.00000	110.00000	524.92970	1563.39990	923.01540
.901	4.572	4.71370	4.69280	10.02000	5.00000	9.90000	5.00000	110.00000	524.42140	1563.09990	923.52440
.901	6.693	6.91480	6.89780	10.02000	5.00000	9.90000	5.00000	109.80000	524.27540	1562.20000	922.73000
.902	8.850	9.14470	9.13290	10.02000	5.00000	9.90000	5.00000	109.30000	524.12260	1560.59990	921.13820
	GRADIENT	1.03537	1.03528	.00000	.00000	.00000	.00000	.00940	.13283	.15033	-.04971

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.097	-8.425	-8.97320	-9.02490	10.02000	5.00000	9.90000	5.00000	109.60000	587.34110	1483.09990	697.13430
1.098	-6.230	-6.62250	-6.66250	10.02000	5.00000	9.90000	5.00000	109.50000	586.98360	1481.00000	694.95360
1.098	-4.050	-4.28970	-4.32250	10.02000	5.00000	9.90000	5.00000	109.50000	585.71830	1478.29980	694.17850
1.101	-1.859	-1.96020	-1.98020	10.02000	5.00000	9.90000	5.00000	109.30000	587.23360	1479.20000	691.67070
1.101	.293	.31670	.30450	10.02000	5.00000	9.90000	5.00000	109.40000	587.52370	1480.09990	692.26250
1.103	2.459	2.59570	2.58650	10.02000	5.00000	9.90000	5.00000	109.20000	588.42310	1480.89990	691.15550
1.102	4.587	4.80600	4.79310	10.02000	5.00000	9.90000	5.00000	109.30000	588.16580	1481.39990	692.55050
1.102	6.722	6.96630	6.95350	10.02000	5.00000	9.90000	5.00000	109.30000	589.79690	1485.20000	694.01590
1.101	8.872	9.18990	9.18050	10.02000	5.00000	9.90000	5.00000	109.40000	587.92820	1481.59990	693.44850
	GRADIENT	1.05352	1.05587	.00000	.00000	.00000	.00000	-.02324	.28240	.36602	-.17597

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.251	-8.503	-9.05360	-9.10760	10.02000	5.00000	9.90000	5.00000	109.70000	621.37720	1471.00000	566.75980
1.251	-6.264	-6.65590	-6.69750	10.02000	5.00000	9.90000	5.00000	109.80000	621.19580	1470.59990	566.66280
1.251	-4.015	-4.24650	-4.27530	10.02000	5.00000	9.90000	5.00000	109.70000	621.16040	1470.70000	567.05910
1.249	-1.873	-1.95030	-1.96600	10.02000	5.00000	9.90000	5.00000	109.90000	620.79860	1470.50000	568.25050
1.249	.301	.39090	.39070	10.02000	5.00000	9.90000	5.00000	109.70000	620.47900	1470.00000	568.55100
1.249	2.474	2.70870	2.71280	10.02000	5.00000	9.90000	5.00000	109.90000	620.59520	1470.09990	568.25290
1.250	4.595	4.87850	4.88090	10.02000	5.00000	9.90000	5.00000	109.80000	620.77660	1470.20000	567.65700
1.251	6.743	7.08090	7.07760	10.02000	5.00000	9.90000	5.00000	109.80000	620.76100	1469.70000	566.56860
1.250	8.897	9.31500	9.30910	10.02000	5.00000	9.90000	5.00000	109.80000	619.97090	1468.39990	567.17110
	GRADIENT	1.06233	1.06614	.00000	.00000	.00000	.00000	.00927	-.04512	-.06505	.05573

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.248	-8.473	-9.01580	-9.07690	10.02000	5.00000	9.90000	5.00000	110.20000	621.59670	1472.79980	569.92410
1.247	-6.271	-6.64150	-6.68710	10.02000	5.00000	9.90000	5.00000	110.20000	621.44290	1472.79980	570.61840
1.249	-4.056	-4.26970	-4.30360	10.02000	5.00000	9.90000	5.00000	110.20000	622.20700	1474.00000	569.91720
1.250	-1.855	-1.91530	-1.93470	10.02000	5.00000	9.90000	5.00000	109.10000	621.59720	1472.20000	568.53860
1.249	.309	.41900	.41720	10.02000	5.00000	9.90000	5.00000	108.90000	621.28490	1471.79980	569.03690
1.251	2.478	2.72830	2.72950	10.02000	5.00000	9.90000	5.00000	109.30000	622.13960	1472.79980	567.44380
1.249	4.604	4.89630	4.89400	10.02000	5.00000	9.90000	5.00000	109.30000	621.39380	1472.09990	569.23340
1.251	6.757	7.11140	7.10620	10.02000	5.00000	9.90000	5.00000	109.10000	621.83520	1472.20000	567.44730
1.248	8.868	9.29970	9.29410	10.02000	5.00000	9.90000	5.00000	109.30000	620.38330	1470.20000	569.44260
	GRADIENT	1.06118	1.06506	.00000	.00000	.00000	.00000	-.07447	-.05014	-.14847	-.11493

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.549	-3.901	-3.81170	-3.81090	10.02000	5.00000	9.90000	5.00000	110.40000	657.44560	1543.29980	391.44560
1.549	-1.728	-1.47880	-1.46610	10.02000	5.00000	9.90000	5.00000	110.40000	657.65040	1543.89990	391.34350
1.550	-.629	-.28260	-.26140	10.02000	5.00000	9.90000	5.00000	110.40000	657.43850	1543.59990	390.84910
1.550	.470	.91350	.93850	10.02000	5.00000	9.90000	5.00000	110.10000	657.08200	1542.70000	390.75390
1.549	2.634	3.22490	3.25400	10.02000	5.00000	9.90000	5.00000	110.30000	656.69020	1541.59990	390.85820
1.550	4.785	5.45120	5.47820	10.02000	5.00000	9.90000	5.00000	110.30000	656.51590	1541.39990	390.36330
1.550	5.838	6.55360	6.58090	10.02000	5.00000	9.90000	5.00000	110.40000	656.21410	1540.70000	390.16800
	GRADIENT	1.06857	1.07163	.00000	-.00000	-.00000	-.00000	-.01550	-.13389	-.29410	-.11755

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.550	-6.172	-6.60160	-6.62530	10.02000	5.00000	9.90000	5.00000	110.00000	656.70290	1541.89990	390.36080
1.550	-3.979	-4.26570	-4.28230	10.02000	5.00000	9.90000	5.00000	110.30000	657.04690	1542.50000	390.95340
1.550	-1.786	-1.91040	-1.91700	10.02000	5.00000	9.90000	5.00000	110.70000	657.57320	1543.79980	391.14580
1.550	.409	.47590	.48100	10.02000	5.00000	9.90000	5.00000	110.20000	657.21410	1543.00000	390.85180
1.550	2.595	2.83170	2.84330	10.02000	5.00000	9.90000	5.00000	110.20000	657.55320	1543.79980	391.04640
1.549	4.732	5.03490	5.04070	10.02000	5.00000	9.90000	5.00000	110.70000	657.31130	1543.09990	391.14890
1.552	5.804	6.15190	6.15460	10.02000	5.00000	9.90000	5.00000	110.80000	656.99320	1543.00000	389.76070
	GRADIENT	1.07067	1.07357	.00000	.00000	-.00000	.00000	.01349	.02348	.05545	.01329

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.600	-6.507	-6.47940	-6.60750	10.02000	5.00000	9.90000	5.00000	109.30000	387.52250	1960.50000	1536.80960
.600	-4.455	-4.41790	-4.53960	10.02000	5.00000	9.90000	5.00000	109.20000	387.44410	1960.70000	1537.11040
.600	-.342	-.28910	-.40910	10.02000	5.00000	9.90000	5.00000	109.20000	387.87740	1961.39990	1537.29930
.601	3.763	3.82790	3.70180	10.02000	5.00000	9.90000	5.00000	109.40000	388.55810	1962.00000	1537.08369
.600	5.825	5.89880	5.76970	10.02000	5.00000	9.90000	5.00000	109.30000	387.45580	1961.20000	1537.60840
	GRADIENT	1.00340	1.00286	.00000	.00000	.00000	.00000	.02433	.13555	.15820	-.00323

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.900	-6.638	-6.53450	-6.73340	10.02000	5.00000	9.90000	5.00000	109.90000	523.71340	1562.59990	924.13720
.899	-4.557	-4.43820	-4.62880	10.02000	5.00000	9.90000	5.00000	109.90000	523.57100	1563.00000	924.83790
.901	-.387	-.26090	-.44430	10.02000	5.00000	9.90000	5.00000	109.90000	524.74710	1564.00000	924.01610
.900	3.768	3.89610	3.70980	10.02000	5.00000	9.90000	5.00000	110.10000	524.39940	1563.50000	924.02320
.900	5.853	5.99210	5.79950	10.02000	5.00000	9.90000	5.00000	110.10000	523.96310	1562.70000	923.83300
	GRADIENT	1.00118	1.00169	.00000	.00000	-.00000	.00000	.02401	.09963	.06018	-.09793

IA183.AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.949	-6.657	-6.54350	-6.75770	10.02000	5.00000	9.90000	5.00000	109.30000	541.44360	1532.79980	858.10010
.949	-4.576	-4.44660	-4.65110	10.02000	5.00000	9.90000	5.00000	109.30000	541.68970	1533.50000	858.49370
.950	-.392	-.25580	-.45430	10.02000	5.00000	9.90000	5.00000	109.10000	542.23750	1534.89990	859.18040
.950	3.784	3.91550	3.71340	10.02000	5.00000	9.90000	5.00000	109.10000	542.33670	1534.79980	858.87960
.950	5.869	6.01810	5.80580	10.02000	5.00000	9.90000	5.00000	109.10000	542.00290	1534.29980	858.88620
	GRADIENT	1.00016	1.00044	.00000	.00000	-.00000	.00000	-.02393	.07740	.15551	.04619

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.101	-6.691	-6.56030	-6.80160	10.02000	5.00000	9.90000	5.00000	110.20000	588.16460	1481.59990	692.84860
1.098	-4.587	-4.43940	-4.67060	10.02000	5.00000	9.90000	5.00000	110.20000	587.35250	1481.89990	695.34550
1.097	-.387	-.22220	-.45990	10.02000	5.00000	9.90000	5.00000	110.00000	586.99510	1481.89990	696.24540
1.099	3.794	3.94570	3.71000	10.02000	5.00000	9.90000	5.00000	110.20000	587.41280	1481.79980	695.04640
1.101	5.897	6.06110	5.82590	10.02000	5.00000	9.90000	5.00000	109.90000	588.02860	1481.29980	692.75150
	GRADIENT	1.00050	.99997	.00000	.00000	.00000	.00000	-.00004	.00712	-.01194	-.03549

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.148	-6.703	-6.57600	-6.81310	10.02000	5.00000	9.90000	5.00000	110.30000	599.19340	1472.59990	648.89330
1.152	-4.591	-4.44990	-4.67300	10.02000	5.00000	9.90000	5.00000	125.00000	600.02690	1472.39990	646.10330
1.151	-.388	-.22930	-.45540	10.02000	5.00000	9.90000	5.00000	110.50000	600.68310	1474.59990	647.78100
1.148	3.798	3.94710	3.72090	10.02000	5.00000	9.90000	5.00000	110.80000	600.23900	1475.50000	650.56590
1.149	5.899	6.06600	5.83380	10.02000	5.00000	9.90000	5.00000	110.80000	600.90190	1476.20000	649.76270
	GRADIENT	1.00098	1.00061	.00000	.00000	.00000	.00000	-1.69363	.02537	.36965	.53189

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.247	-6.714	-6.59130	-6.82460	10.02000	5.00000	9.90000	5.00000	109.90000	622.97460	1476.50000	572.18480
1.251	-4.606	-4.46810	-4.68880	10.02000	5.00000	9.90000	5.00000	109.90000	623.54150	1476.20000	568.91260
1.251	-.399	-.23350	-.45290	10.02000	5.00000	9.90000	5.00000	109.80000	621.67550	1471.79980	567.25120
1.252	3.796	3.97090	3.74880	10.02000	5.00000	9.90000	5.00000	109.90000	621.01270	1469.89990	565.87300
1.249	5.899	6.09310	5.86020	10.02000	5.00000	9.90000	5.00000	109.90000	619.97800	1468.50000	567.36910
	GRADIENT	1.00449	1.00432	-.00000	-.00000	-.00000	-.00000	-.00001	-.30107	-.75004	-.36182

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.599	-6.510	-6.48360	-6.61390	10.02000	5.00000	9.90000	5.00000	109.70000	386.97710	1962.09990	1539.11450
.600	-4.431	-4.39530	-4.51850	10.02000	5.00000	9.90000	5.00000	109.60000	387.74880	1963.00000	1539.09590
.600	-2.384	-2.33490	-2.45740	10.02000	5.00000	9.90000	5.00000	109.80000	388.10130	1963.79980	1539.48610
.600	-.330	-.27650	-.39820	10.02000	5.00000	9.90000	5.00000	109.60000	387.74880	1963.00000	1539.09590
.600	1.727	1.78330	1.65830	10.02000	5.00000	9.90000	5.00000	109.80000	388.07500	1962.70000	1538.39059
.600	3.780	3.84430	3.71650	10.02000	5.00000	9.90000	5.00000	109.70000	386.95340	1961.09990	1538.11870
.600	5.829	5.90370	5.77130	10.02000	5.00000	9.90000	5.00000	109.60000	387.38700	1961.79980	1538.30740
	GRADIENT	1.00308	1.00251	.00000	.00000	.00000	.00000	.00973	-.07879	-.23874	-.14860

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.900	-6.642	-6.53780	-6.73700	10.02000	5.00000	9.90000	5.00000	109.60000	523.37160	1560.89990	922.74880
.900	-4.554	-4.43790	-4.62820	10.02000	5.00000	9.90000	5.00000	109.60000	523.15990	1561.20000	923.45090
.900	-2.463	-2.34480	-2.52420	10.02000	5.00000	9.90000	5.00000	109.60000	523.91550	1562.20000	923.33540
.899	-.397	-.27330	-.45430	10.02000	5.00000	9.90000	5.00000	109.90000	523.35280	1562.59990	924.74270
.899	1.684	1.80960	1.62490	10.02000	5.00000	9.90000	5.00000	109.60000	523.24510	1562.09990	924.34620
.899	3.770	3.89850	3.71210	10.02000	5.00000	9.90000	5.00000	109.70000	523.39380	1562.39990	924.44290
.900	5.847	5.98640	5.79140	10.02000	5.00000	9.90000	5.00000	109.90000	523.67530	1562.20000	923.73930
	GRADIENT	1.00151	1.00163	.00000	.00000	.00000	.00000	.00959	-.00960	.11064	.14384

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.599	-5.840	-5.77860	-5.91060	10.02000	5.00000	9.90000	5.00000	109.30000	386.46480	1961.59990	1539.22630
.599	-3.778	-3.70770	-3.83450	10.02000	5.00000	9.90000	5.00000	109.30000	386.60550	1960.50000	1537.92770
.599	-1.715	-1.63150	-1.75860	10.02000	5.00000	9.90000	5.00000	109.50000	386.49120	1959.20000	1536.73460
.600	.326	.41260	.28500	10.02000	5.00000	9.90000	5.00000	109.60000	386.46040	1957.89990	1535.43990
.600	2.380	2.47270	2.34010	10.02000	5.00000	9.90000	5.00000	109.60000	386.66750	1959.59990	1536.92970
.599	4.432	4.53090	4.39640	10.02000	5.00000	9.90000	5.00000	109.60000	386.79610	1961.50000	1538.72020
.601	6.502	6.61070	6.46970	10.02000	5.00000	9.90000	5.00000	109.70000	388.74150	1962.70000	1537.57761
	GRADIENT	1.00321	1.00219	-.00000	-.00000	.00000	-.00000	.03413	.02716	.11691	.08671

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
.899	-5.880	-5.82130	-6.01470	10.02000	5.00000	9.90000	5.00000	109.90000	523.69750	1563.70000	925.43330
.899	-3.803	-3.73820	-3.92150	10.02000	5.00000	9.90000	5.00000	110.00000	523.48540	1564.00000	926.13550
.899	-1.717	-1.64350	-1.82530	10.02000	5.00000	9.90000	5.00000	109.70000	523.68480	1564.20000	926.03170
.900	.380	.45970	.26900	10.02000	5.00000	9.90000	5.00000	109.70000	524.35840	1563.70000	924.32320
.901	2.454	2.53530	2.34130	10.02000	5.00000	9.90000	5.00000	109.70000	525.13550	1564.29980	923.70900
.901	4.527	4.61160	4.41670	10.02000	5.00000	9.90000	5.00000	109.60000	524.91750	1563.89990	923.61380
.900	6.628	6.72370	6.52310	10.02000	5.00000	9.90000	5.00000	109.90000	524.26680	1564.00000	924.82350
	GRADIENT	1.00226	1.00056	.00000	.00000	.00000	.00000	-.03842	.20722	-.00488	-.35381

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.097	-5.931	-5.84760	-6.08840	10.02000	5.00000	9.90000	5.00000	110.50000	586.50880	1480.79980	695.85550
1.098	-3.814	-3.71610	-3.94920	10.02000	5.00000	9.90000	5.00000	110.30000	586.36330	1479.39990	694.16850
1.100	-1.718	-1.61250	-1.84760	10.02000	5.00000	9.90000	5.00000	110.30000	587.24780	1480.09990	692.96220
1.102	.374	.48810	.24140	10.02000	5.00000	9.90000	5.00000	110.40000	587.76170	1479.70000	691.06640
1.100	2.493	2.59550	2.35450	10.02000	5.00000	9.90000	5.00000	110.50000	586.35230	1478.29980	692.57860
1.103	4.562	4.66740	4.42680	10.02000	5.00000	9.90000	5.00000	110.20000	588.46070	1481.29980	691.65160
1.098	6.671	6.79540	6.54410	10.02000	5.00000	9.90000	5.00000	110.40000	588.24340	1484.29980	696.62330
	GRADIENT	1.00058	.99958	.00000	-.00000	.00000	-.00000	.00009	.15672	.09448	-.25807

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
1.248	-5.933	-5.88200	-6.11420	10.02000	5.00000	9.90000	5.00000	109.50000	621.20460	1471.89990	569.63160
1.249	-3.826	-3.76500	-3.98730	10.02000	5.00000	9.90000	5.00000	109.50000	621.45210	1472.00000	568.73800
1.250	-1.703	-1.62770	-1.84800	10.02000	5.00000	9.90000	5.00000	109.60000	621.33590	1471.59990	568.34350
1.250	.384	.47000	.24990	10.02000	5.00000	9.90000	5.00000	109.60000	620.14500	1468.70000	567.07030
1.252	2.498	2.58800	2.36370	10.02000	5.00000	9.90000	5.00000	109.70000	620.54880	1468.89990	565.68040
1.251	4.577	4.68290	4.45080	10.02000	5.00000	9.90000	5.00000	109.80000	620.63010	1469.39990	566.47120
1.250	6.693	6.82500	6.57760	10.02000	5.00000	9.90000	5.00000	109.90000	619.78200	1467.89990	566.87650
	GRADIENT	1.00495	1.00382	-.00000	.00000	.00000	.00000	.03332	-.11573	-.37618	-.34284

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-7.896	-5.832	-5.83870	-6.03270	10.02000	5.00000	9.90000	5.00000	109.90000	388.36330	1964.29980	1539.67920
-7.925	-3.836	-3.83100	-4.00850	10.02000	5.00000	9.90000	5.00000	110.00000	389.19630	1964.29980	1538.66280
-7.893	.057	.08480	-.07520	10.02000	5.00000	9.90000	5.00000	110.00000	387.57500	1962.70000	1539.00050
-7.839	4.000	4.07940	3.90320	10.02000	5.00000	9.90000	5.00000	110.30000	387.37960	1961.50000	1538.00880
-7.855	6.011	6.12470	5.93720	10.02000	5.00000	9.90000	5.00000	110.20000	387.98460	1962.39990	1538.19360
	GRADIENT	1.00945	1.00961	-.00000	-.00000	-.00000	-.00000	.03837	-.23143	-.35717	-.08382

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-3.969	-5.880	-5.90290	-6.03310	10.02000	5.00000	9.90000	5.00000	301.89990	386.72950	1958.70000	1535.93190
-3.947	-3.907	-3.92320	-4.04110	10.02000	5.00000	9.90000	5.00000	110.20000	387.60350	1960.39990	1536.60840
-3.864	.062	.06330	-.05160	10.02000	5.00000	9.90000	5.00000	110.20000	387.08910	1959.79980	1536.62061
-3.824	3.945	4.00870	3.88240	10.02000	5.00000	9.90000	5.00000	110.20000	386.83420	1959.59990	1536.72630
-3.813	5.894	5.99030	5.85660	10.02000	5.00000	9.90000	5.00000	110.10000	387.61060	1960.70000	1536.90720
	GRADIENT	1.01010	1.00904	.00000	-.00000	-.00000	-.00000	.00000	-.09809	-.10206	.01497

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.133	-6.507	-6.47940	-6.60750	10.02000	5.00000	9.90000	5.00000	109.30000	387.52250	1960.50000	1536.80960
-.113	-4.455	-4.41790	-4.53960	10.02000	5.00000	9.90000	5.00000	109.20000	387.44410	1960.70000	1537.11040
-.086	-.342	-.28910	-.40910	10.02000	5.00000	9.90000	5.00000	109.20000	387.87740	1961.39990	1537.29930
-.067	3.763	3.82790	3.70180	10.02000	5.00000	9.90000	5.00000	109.40000	388.55810	1962.00000	1537.08369
-.065	5.825	5.89880	5.76970	10.02000	5.00000	9.90000	5.00000	109.30000	387.45580	1961.20000	1537.60840
	GRADIENT	1.00340	1.00286	.00000	.00000	.00000	.00000	.02433	.13555	.15820	-.00323

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.167	-6.004	-5.95320	-6.08830	10.02000	5.00000	9.90000	5.00000	110.30000	387.45360	1961.09990	1537.50880
4.146	-4.006	-3.96800	-4.09740	10.02000	5.00000	9.90000	5.00000	110.50000	387.19380	1960.70000	1537.41530
4.163	.063	.06960	-.06180	10.02000	5.00000	9.90000	5.00000	110.40000	388.20580	1961.20000	1536.69360
4.082	4.092	4.10320	3.96860	10.02000	5.00000	9.90000	5.00000	110.30000	387.43920	1960.50000	1536.91110
4.043	6.076	6.09460	5.95670	10.02000	5.00000	9.90000	5.00000	110.40000	386.43160	1960.20000	1537.83200
	GRADIENT	.99677	.99613	-.00000	.00000	.00000	.00000	-.02470	.03067	-.02446	-.06246

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-7.963	-5.929	-5.93810	-6.13340	10.02000	5.00000	9.90000	5.00000	109.50000	387.32740	1962.79980	1539.40500
-7.865	-3.825	-3.81740	-3.99470	10.02000	5.00000	9.90000	5.00000	109.50000	388.60130	1963.79980	1538.87621
-7.887	.047	.07540	-.08690	10.02000	5.00000	9.90000	5.00000	109.40000	387.14870	1962.29980	1539.11040
-7.799	4.055	4.13450	3.95840	10.02000	5.00000	9.90000	5.00000	109.50000	387.75120	1963.09990	1539.19560
-7.855	5.972	6.08540	5.89780	10.02000	5.00000	9.90000	5.00000	109.40000	388.18210	1963.70000	1539.28490
	GRADIENT	1.00915	1.00928	-.00000	.00000	-.00000	.00000	.00015	-.10637	-.08714	.04042

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-3.973	-5.870	-5.89590	-6.02430	10.02000	5.00000	9.90000	5.00000	109.60000	387.07710	1962.79980	1539.71001
-3.896	-3.860	-3.87910	-3.99380	10.02000	5.00000	9.90000	5.00000	109.40000	386.64360	1962.09990	1539.52100
-3.913	.055	.05630	-.05660	10.02000	5.00000	9.90000	5.00000	109.60000	387.72970	1962.20000	1538.29930
-3.829	3.943	4.00650	3.88150	10.02000	5.00000	9.90000	5.00000	109.40000	387.89400	1962.09990	1537.99631
-3.828	5.914	6.00840	5.87520	10.02000	5.00000	9.90000	5.00000	109.50000	386.44580	1960.79980	1538.42970
	GRADIENT	1.01064	1.00933	-.00000	.00000	-.00000	.00000	.00006	.16040	.00003	-.19555

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.133	-6.507	-6.47940	-6.60750	10.02000	5.00000	9.90000	5.00000	109.30000	387.52250	1960.50000	1536.80960
-.113	-4.455	-4.41790	-4.53960	10.02000	5.00000	9.90000	5.00000	109.20000	387.44410	1960.70000	1537.11040
-.086	-.342	-.28910	-.40910	10.02000	5.00000	9.90000	5.00000	109.20000	387.87740	1961.39990	1537.29930
-.067	3.763	3.82790	3.70180	10.02000	5.00000	9.90000	5.00000	109.40000	388.55810	1962.00000	1537.08369
-.065	5.825	5.89880	5.76970	10.02000	5.00000	9.90000	5.00000	109.30000	387.45580	1961.20000	1537.60840
	GRADIENT	1.00340	1.00286	.00000	.00000	.00000	.00000	.02433	.13555	.15820	-.00323

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.176	-5.987	-5.93560	-6.07010	10.02000	5.00000	9.90000	5.00000	109.60000	388.23460	1962.39990	1537.88870
4.164	-4.033	-3.99000	-4.11940	10.02000	5.00000	9.90000	5.00000	109.30000	388.97710	1955.20000	1529.60030
4.143	.054	.05650	-.07460	10.02000	5.00000	9.90000	5.00000	109.30000	387.07470	1962.70000	1539.61040
4.078	4.103	4.11420	3.98010	10.02000	5.00000	9.90000	5.00000	109.60000	387.29640	1961.50000	1538.11040
4.069	6.114	6.13320	5.99590	10.02000	5.00000	9.90000	5.00000	109.70000	385.55000	1958.20000	1536.85670
	GRADIENT	.99613	.99555	.00000	-.00000	.00000	-.00000	.03682	-.20699	.77604	1.04823

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-7.977	-5.848	-5.74740	-6.10130	10.02000	5.00000	9.90000	5.00000	110.20000	522.61570	1559.89990	922.86400
-7.941	-3.825	-3.72210	-4.06090	10.02000	5.00000	9.90000	5.00000	110.20000	522.57450	1560.09990	923.16410
-7.916	.077	.17410	-.15740	10.02000	5.00000	9.90000	5.00000	110.20000	523.65260	1560.70000	922.04520
-7.880	4.019	4.15000	3.80860	10.02000	5.00000	9.90000	5.00000	110.30000	523.66210	1560.79980	922.14480
-7.857	6.024	6.19220	5.83680	10.02000	5.00000	9.90000	5.00000	110.20000	522.40700	1559.59990	922.86840
	GRADIENT	1.00359	1.00326	-.00000	-.00000	-.00000	-.00000	.01277	.13841	.08911	-.12967

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-4.030	-5.941	-5.88260	-6.11880	10.02000	5.00000	9.90000	5.00000	110.10000	522.97310	1560.50000	922.95650
-3.980	-3.924	-3.86550	-4.08340	10.02000	5.00000	9.90000	5.00000	110.10000	523.25780	1561.59990	923.74800
-3.921	.073	.10990	-.10190	10.02000	5.00000	9.90000	5.00000	110.20000	524.31080	1563.20000	923.82570
-3.858	3.999	4.07600	3.85940	10.02000	5.00000	9.90000	5.00000	110.20000	523.93800	1563.70000	925.02950
-3.826	5.937	6.04940	5.81870	10.02000	5.00000	9.90000	5.00000	110.20000	524.35840	1563.70000	924.32320
	GRADIENT	1.00231	1.00248	.00000	-.00000	-.00000	-.00000	.01266	.08639	.26547	.16131

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.193	-6.638	-6.53450	-6.73340	10.02000	5.00000	9.90000	5.00000	109.90000	523.71340	1562.59990	924.13720
-.168	-4.557	-4.43820	-4.62880	10.02000	5.00000	9.90000	5.00000	109.90000	523.57100	1563.00000	924.83790
-.137	-.387	-.26090	-.44430	10.02000	5.00000	9.90000	5.00000	109.90000	524.74710	1564.00000	924.01610
-.125	3.768	3.89610	3.70980	10.02000	5.00000	9.90000	5.00000	110.10000	524.39940	1563.50000	924.02320
-.126	5.853	5.99210	5.79950	10.02000	5.00000	9.90000	5.00000	110.10000	523.96310	1562.70000	923.83300
	GRADIENT	1.00118	1.00169	.00000	.00000	-.00000	.00000	.02401	.09963	.06018	-.09793

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.168	-5.967	-5.92460	-6.11880	10.02000	5.00000	9.90000	5.00000	110.80000	524.15310	1564.70000	925.82250
4.132	-3.961	-3.93130	-4.11370	10.02000	5.00000	9.90000	5.00000	110.80000	524.72240	1565.00000	925.21260
4.099	.072	.09810	-.09330	10.02000	5.00000	9.90000	5.00000	110.80000	524.44410	1564.59990	925.21850
4.028	4.069	4.12660	3.93060	10.02000	5.00000	9.90000	5.00000	110.80000	523.90310	1564.59990	926.12670
3.995	6.030	6.10720	5.89810	10.02000	5.00000	9.90000	5.00000	110.80000	524.57370	1564.70000	925.11620
	GRADIENT	1.00341	1.00171	-.00000	-.00000	-.00000	-.00000	-.00000	-.10197	-.04990	.11366

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-8.041	-5.891	-5.80650	-6.18800	10.02000	5.00000	9.90000	5.00000	109.20000	541.33280	1532.79980	858.30150
-7.979	-3.871	-3.79870	-4.15750	10.02000	5.00000	9.90000	5.00000	109.30000	542.31840	1533.20000	856.98680
-7.923	.111	.16800	-.17340	10.02000	5.00000	9.90000	5.00000	109.10000	541.74510	1533.50000	858.39310
-7.836	4.075	4.16690	3.81220	10.02000	5.00000	9.90000	5.00000	109.10000	541.31180	1533.09990	858.70040
-7.812	6.056	6.18540	5.81270	10.02000	5.00000	9.90000	5.00000	109.10000	541.39970	1532.89990	858.30030
	GRADIENT	1.00252	1.00304	-.00000	.00000	-.00000	.00000	-.02519	-.12670	-.01253	.21577

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-4.045	-5.874	-5.82830	-6.07060	10.02000	5.00000	9.90000	5.00000	108.80000	542.16650	1533.79980	857.98610
-4.065	-3.949	-3.91960	-4.13940	10.02000	5.00000	9.90000	5.00000	108.70000	541.91310	1534.00000	858.68870
-3.959	.128	.11540	-.09160	10.02000	5.00000	9.90000	5.00000	108.60000	541.49120	1533.70000	859.09550
-3.808	4.023	4.06110	3.84340	10.02000	5.00000	9.90000	5.00000	108.80000	541.96630	1533.50000	857.99020
-3.797	5.989	6.07490	5.83640	10.02000	5.00000	9.90000	5.00000	108.80000	541.97560	1533.09990	857.49170
	GRADIENT	1.00100	1.00129	-.00000	-.00000	-.00000	-.00000	.01226	.00582	-.06281	-.08616

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.246	-6.657	-6.54350	-6.75770	10.02000	5.00000	9.90000	5.00000	109.30000	541.44360	1532.79980	858.10010
-.222	-4.576	-4.44660	-4.65110	10.02000	5.00000	9.90000	5.00000	109.30000	541.68970	1533.50000	858.49370
-.195	-.392	-.25580	-.45430	10.02000	5.00000	9.90000	5.00000	109.10000	542.23750	1534.89990	859.18040
-.186	3.784	3.91550	3.71340	10.02000	5.00000	9.90000	5.00000	109.10000	542.33670	1534.79980	858.87960
-.186	5.869	6.01810	5.80580	10.02000	5.00000	9.90000	5.00000	109.10000	542.00290	1534.29980	858.88620
	GRADIENT	1.00016	1.00044	.00000	.00000	-.00000	.00000	-.02393	.07740	.15551	.04619

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.189	-5.916	-5.88610	-6.10280	10.02000	5.00000	9.90000	5.00000	109.70000	541.72950	1535.29980	860.58540
4.143	-3.897	-3.89060	-4.09400	10.02000	5.00000	9.90000	5.00000	109.70000	543.07790	1535.00000	857.76900
4.129	.123	.10280	-.10840	10.02000	5.00000	9.90000	5.00000	109.80000	543.02270	1535.00000	857.86960
3.986	4.112	4.13720	3.91810	10.02000	5.00000	9.90000	5.00000	109.60000	541.59060	1533.59990	858.79470
3.951	6.049	6.10470	5.87200	10.02000	5.00000	9.90000	5.00000	109.80000	541.97780	1533.59990	858.08960
	GRADIENT	1.00236	1.00040	.00000	.00000	.00000	.00000	-.01244	-.18548	-.17459	.12793

IA183.AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-8.066	-5.885	-5.81690	-6.26390	10.02000	5.00000	9.90000	5.00000	109.90000	586.73540	1479.89990	693.96390
-7.985	-3.816	-3.77320	-4.19670	10.02000	5.00000	9.90000	5.00000	110.00000	586.50120	1479.50000	693.96750
-7.892	.189	.22950	-.18940	10.02000	5.00000	9.90000	5.00000	110.10000	585.83180	1478.89990	694.77290
-7.821	4.095	4.18730	3.75480	10.02000	5.00000	9.90000	5.00000	110.20000	586.27810	1480.00000	695.26270
-7.789	6.119	6.24760	5.79710	10.02000	5.00000	9.90000	5.00000	110.20000	586.31590	1480.20000	695.46090
	GRADIENT	1.00622	1.00509	-.00000	.00000	-.00000	.00000	.02528	-.02878	.06231	.16387

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-4.117	-5.871	-5.84600	-6.12280	10.02000	5.00000	9.90000	5.00000	110.20000	587.55930	1480.70000	693.05660
-4.067	-3.871	-3.86240	-4.11200	10.02000	5.00000	9.90000	5.00000	110.10000	587.36350	1480.50000	693.25850
-3.907	.178	.12690	-.12010	10.02000	5.00000	9.90000	5.00000	110.10000	587.58110	1480.39990	692.55960
-3.775	4.048	4.07030	3.80860	10.02000	5.00000	9.90000	5.00000	110.00000	586.52000	1479.59990	694.06670
-3.742	6.025	6.10300	5.82610	10.02000	5.00000	9.90000	5.00000	110.00000	585.94700	1479.29980	695.06910
	GRADIENT	1.00153	1.00002	.00000	-.00000	.00000	-.00000	-.01253	-.10527	-.11297	.09993

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.333	-6.691	-6.56030	-6.80160	10.02000	5.00000	9.90000	5.00000	110.20000	588.16460	1481.59990	692.84660
-.310	-4.587	-4.43940	-4.67060	10.02000	5.00000	9.90000	5.00000	110.20000	587.35250	1481.89990	695.34550
-.279	-.387	-.22220	-.45990	10.02000	5.00000	9.90000	5.00000	110.00000	586.99510	1481.89990	696.24540
-.262	3.794	3.94570	3.71000	10.02000	5.00000	9.90000	5.00000	110.20000	587.41280	1481.79980	695.04640
-.261	5.897	6.06110	5.82590	10.02000	5.00000	9.90000	5.00000	109.90000	588.02860	1481.29980	692.75150
	GRADIENT	1.00050	.99997	.00000	.00000	.00000	.00000	-.00004	.00712	-.01194	-.03549

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.228	-5.914	-5.87260	-6.15190	10.02000	5.00000	9.90000	5.00000	110.20000	588.20170	1482.00000	693.34500
4.228	-3.911	-3.89230	-4.16420	10.02000	5.00000	9.90000	5.00000	110.50000	587.82890	1481.70000	693.84740
4.113	.179	.14020	-.12730	10.02000	5.00000	9.90000	5.00000	110.50000	588.94240	1483.20000	693.23410
3.966	4.159	4.17590	3.89910	10.02000	5.00000	9.90000	5.00000	110.40000	586.64500	1481.09990	695.95260
3.917	6.091	6.14650	5.86120	10.02000	5.00000	9.90000	5.00000	110.20000	586.55620	1480.00000	694.56270
	GRADIENT	.99971	.99911	-.00000	-.00000	-.00000	-.00000	-.01233	-.14477	-.07232	.25896

IA183.AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-8.019	-5.788	-5.70800	-6.14540	10.02000	5.00000	9.90000	5.00000	109.70000	599.67480	1473.39990	648.79740
-7.988	-3.828	-3.77470	-4.19010	10.02000	5.00000	9.90000	5.00000	109.70000	601.01220	1476.70000	650.25730
-7.933	.164	.23290	-.18070	10.02000	5.00000	9.90000	5.00000	109.30000	601.01390	1476.39990	649.76120
-7.845	4.098	4.21210	3.78710	10.02000	5.00000	9.90000	5.00000	109.50000	601.58740	1476.09990	647.57010
-7.787	6.073	6.22030	5.78390	10.02000	5.00000	9.90000	5.00000	109.40000	600.43650	1474.39990	648.18140
	GRADIENT	1.00775	1.00654	-.00000	-.00000	-.00000	-.00000	-.02542	.07240	-.07572	-.33854

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-4.078	-5.858	-5.82280	-6.09050	10.02000	5.00000	9.90000	5.00000	109.40000	600.12230	1474.20000	648.78130
-4.088	-3.925	-3.89490	-4.14550	10.02000	5.00000	9.90000	5.00000	109.40000	600.71680	1474.59990	647.68140
-3.917	.246	.22080	-.02220	10.02000	5.00000	9.90000	5.00000	109.60000	601.15110	1475.79980	648.36990
-3.814	4.067	4.11030	3.85370	10.02000	5.00000	9.90000	5.00000	109.40000	601.21900	1475.50000	647.67430
-3.820	6.086	6.17900	5.91280	10.02000	5.00000	9.90000	5.00000	109.40000	599.70310	1474.29980	650.17650
	GRADIENT	1.00145	1.00074	-.00000	-.00000	-.00000	-.00000	.00073	.06347	.11529	.00163

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.312	-6.703	-6.57600	-6.81310	10.02000	5.00000	9.90000	5.00000	110.30000	599.19340	1472.59990	648.89330
-.284	-4.591	-4.44990	-4.67300	10.02000	5.00000	9.90000	5.00000	125.00000	600.02690	1472.39990	646.10330
-.256	-.388	-.22930	-.45540	10.02000	5.00000	9.90000	5.00000	110.50000	600.68310	1474.59990	647.78100
-.248	3.798	3.94710	3.72090	10.02000	5.00000	9.90000	5.00000	110.80000	600.23900	1475.50000	650.56590
-.253	5.899	6.06600	5.83380	10.02000	5.00000	9.90000	5.00000	110.80000	600.90190	1476.20000	649.76270
	GRADIENT	1.00098	1.00061	.00000	.00000	.00000	.00000	-1.69385	.02537	.36965	.53189

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.242	-5.906	-5.86650	-6.14060	10.02000	5.00000	9.90000	5.00000	109.60000	601.01730	1475.50000	648.27250
4.193	-3.905	-3.87810	-4.14180	10.02000	5.00000	9.90000	5.00000	109.60000	599.88310	1474.50000	649.97530
4.113	.154	.14160	-.12630	10.02000	5.00000	9.90000	5.00000	109.50000	599.90870	1474.00000	649.08200
3.982	4.145	4.18550	3.91080	10.02000	5.00000	9.90000	5.00000	109.60000	600.69260	1475.09990	648.57470
3.922	6.055	6.13510	5.84780	10.02000	5.00000	9.90000	5.00000	109.30000	601.05220	1474.89990	647.18070
	GRADIENT	1.00168	1.00032	-.00000	.00000	-.00000	.00000	-.00007	.10029	.07396	-.17412

IA183,AEDC PWT 16TF-519 O T S (MISC PRESS) (R8PP19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-7.928	-5.917	-5.84650	-6.23590	10.02000	5.00000	9.90000	5.00000	109.50000	620.20310	1469.20000	567.96020
-7.958	-3.908	-3.84690	-4.22110	10.02000	5.00000	9.90000	5.00000	109.90000	621.05980	1471.39990	569.13820
-7.918	.063	.18570	-.19540	10.02000	5.00000	9.90000	5.00000	109.90000	622.18410	1473.09990	567.93820
-7.899	4.029	4.22160	3.82840	10.02000	5.00000	9.90000	5.00000	109.40000	620.81250	1471.00000	569.33890
-7.875	6.017	6.24360	5.84380	10.02000	5.00000	9.90000	5.00000	109.60000	620.90010	1470.70000	568.24950
	GRADIENT	1.01654	1.01415	-.00000	.00000	.00000	.00000	-.06298	-.03109	-.05028	.02521

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-4.039	-5.971	-5.91600	-6.17280	10.02000	5.00000	9.90000	5.00000	109.60000	621.37870	1471.29980	567.45240
-3.982	-3.941	-3.88240	-4.12670	10.02000	5.00000	9.90000	5.00000	109.60000	620.91480	1470.89990	568.64500
-3.955	.061	.10740	-.13460	10.02000	5.00000	9.90000	5.00000	109.60000	621.18310	1471.00000	567.65260
-3.861	4.009	4.10990	3.85650	10.02000	5.00000	9.90000	5.00000	109.50000	620.62260	1469.29980	566.27340
-3.849	5.944	6.08610	5.82410	10.02000	5.00000	9.90000	5.00000	109.50000	620.50710	1469.20000	566.57150
	GRADIENT	1.00530	1.00416	-.00000	-.00000	-.00000	-.00000	-.01255	-.03651	-.20074	-.29820

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
-.216	-6.714	-6.59130	-6.82460	10.02000	5.00000	9.90000	5.00000	109.90000	622.97460	1476.50000	572.18480
-.181	-4.606	-4.46810	-4.68880	10.02000	5.00000	9.90000	5.00000	109.90000	623.54150	1476.20000	568.91260
-.146	-.399	-.23350	-.45290	10.02000	5.00000	9.90000	5.00000	109.80000	621.67550	1471.79980	567.25120
-.134	3.796	3.97090	3.74860	10.02000	5.00000	9.90000	5.00000	109.90000	621.01270	1469.89990	565.87300
-.140	5.899	6.09310	5.86020	10.02000	5.00000	9.90000	5.00000	109.90000	619.97800	1468.50000	567.36910
	GRADIENT	1.00449	1.00432	-.00000	-.00000	-.00000	-.00000	-.00001	-.30107	-.75004	-.36182

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	DEINLR	DEONLR	DEIL	DEOL	TT	Q	PT	P
4.169	-5.992	-5.89780	-6.19680	10.02000	5.00000	9.90000	5.00000	109.50000	620.17410	1469.09990	567.86160
4.148	-3.993	-3.90550	-4.19220	10.02000	5.00000	9.90000	5.00000	109.70000	620.73170	1469.59990	566.47000
4.118	.062	.14320	-.13960	10.02000	5.00000	9.90000	5.00000	109.70000	619.84640	1468.79980	568.65700
4.028	4.067	4.17340	3.88020	10.02000	5.00000	9.90000	5.00000	109.50000	620.05790	1469.00000	568.15990
3.990	6.025	6.16410	5.86320	10.02000	5.00000	9.90000	5.00000	109.50000	620.22460	1469.50000	568.55370
	GRADIENT	1.00237	1.00157	.00000	-.00000	-.00000	-.00000	-.02476	-.08389	-.07470	.21037

IA183,AEDC PWT 16TF-519 O T S (TS-S)

(R8PT01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-7.790	-7.89310	.01060	.07780	-.22250	.03550	.01770	-.00760	.00000	-.00170	.08440
.600	-5.782	-5.88570	.00960	.07560	-.18870	.03760	.02320	-.00570	.00000	-.00160	.08100
.601	-3.730	-3.83330	.00840	.07120	-.15500	.03870	.02930	-.00330	.00000	-.00180	.07850
.599	-1.691	-1.79480	.00500	.07260	-.12780	.03880	.03730	-.00100	.00000	-.00170	.07720
.600	.311	.20740	.00390	.06870	-.10060	.03840	.04380	-.00010	.00000	-.00130	.07580
.600	2.383	2.27970	.00490	.06910	-.07270	.03670	.04990	.00340	.00010	-.00330	.07280
.599	4.402	4.29890	.00230	.06940	-.05490	.03590	.06330	.00270	.00000	-.00160	.07230
.600	6.452	6.34860	.00270	.06740	-.02790	.03410	.07230	.00270	.00000	-.00090	.07140
.600	8.522	8.41930	.00440	.06900	.00470	.03170	.07820	.00350	.00000	-.00060	.07070
	GRADIENT	.99997	-.00060	-.00035	.01255	-.00038	.00396	.00081	.00000	-.00006	-.00083

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.900	-7.898	-7.96100	.00480	.08240	-.23830	.04580	.01530	-.00920	-.00040	-.00030	.09290
.898	-5.804	-5.86700	.00570	.08190	-.19610	.04680	.02000	-.00360	-.00040	-.00190	.08910
.901	-3.849	-3.91190	.00440	.08350	-.15890	.04710	.02420	-.00130	-.00040	-.00220	.08550
.900	-1.816	-1.87880	.00140	.07940	-.12640	.04630	.02790	.00090	-.00030	-.00250	.07930
.898	.266	.20310	.00170	.07770	-.09780	.04580	.03230	.00160	-.00030	-.00320	.07600
.899	2.310	2.24710	.00170	.07830	-.06770	.04510	.03750	.00240	-.00030	-.00320	.07590
.900	4.373	4.31030	.00410	.08200	-.02840	.04420	.04270	.00380	-.00030	-.00300	.07510
.900	6.377	6.31410	.00510	.08360	.00900	.04220	.04550	.00400	-.00030	-.00150	.07350
.900	8.432	8.36910	.00840	.08700	.03540	.04040	.05100	.00650	-.00020	-.00300	.07420
	GRADIENT	.99999	-.00001	-.00020	.01554	-.00034	.00227	.00057	.00001	-.00011	-.00118

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.949	-7.976	-8.03970	.00640	.13530	-.23770	.05210	.00500	-.00710	-.00040	-.00160	.09560
.950	-5.934	-5.99700	.00780	.13790	-.19520	.05320	.01040	-.00410	-.00040	-.00210	.09260
.953	-3.782	-3.84550	.00690	.13910	-.15230	.05470	.01700	-.00010	-.00040	-.00340	.09090
.950	-1.763	-1.82600	.00310	.13260	-.11870	.05420	.02450	.00080	-.00040	-.00290	.08810
.952	.304	.24070	.00200	.13320	-.08660	.05360	.02980	.00090	-.00040	-.00190	.08460
.950	2.317	2.25340	.00040	.12980	-.06150	.05190	.03450	.00350	-.00040	-.00280	.08190
.948	4.377	4.31340	.00050	.12830	-.02630	.05020	.03890	.00560	-.00040	-.00360	.08020
.949	6.405	6.34140	.00690	.13550	.01810	.04900	.04060	.00550	-.00030	-.00310	.08020
.948	8.395	8.33170	.00260	.13080	.04840	.04740	.04390	.00290	-.00020	-.00020	.08090
	GRADIENT	1.00000	-.00076	-.00119	.01516	-.00055	.00264	.00069	-.00000	-.00001	-.00135

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3.01/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.100	-7.993	-8.05710	.01080	.19450	-.24170	.08640	.00070	-.00530	-.00060	-.00230	.10260
1.099	-5.947	-6.01190	.00840	.19230	-.19660	.08720	.00650	-.00310	-.00050	-.00260	.09970
1.102	-3.790	-3.85460	.00680	.19000	-.15390	.08850	.01390	-.00350	-.00040	-.00150	.09490
1.099	-1.737	-1.80200	.00060	.18460	-.11470	.08860	.01910	-.00210	-.00040	-.00150	.09210
1.099	.294	.22940	.00000	.18400	-.08150	.08990	.02600	.00030	-.00040	-.00150	.09140
1.099	2.360	2.29530	-.00060	.18340	-.05670	.08750	.03540	.00200	-.00030	-.00200	.08760
1.100	4.431	4.36620	-.00140	.18240	-.02640	.08510	.04360	.00410	-.00030	-.00090	.08530
1.101	6.445	6.38070	-.00370	.17990	.00800	.08410	.04550	.00430	-.00030	-.00130	.08320
1.102	8.436	8.37150	-.00960	.17350	.04190	.06300	.04990	.00310	-.00020	-.00040	.08270
	GRADIENT	1.00000	-.00086	-.00080	.01524	-.00039	.00369	.00094	.00001	.00003	-.00115

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-9.314	-9.36770	-.00100	.06860	-.28230	.09890	.01000	-.00470	-.00070	-.00230	.09190
1.251	-7.029	-7.08240	-.00320	.06620	-.22520	.10030	.01150	-.00480	-.00050	-.00090	.08920
1.251	-4.676	-4.72940	-.00610	.06360	-.17670	.10160	.01770	-.00210	-.00040	-.00110	.08570
1.249	-2.396	-2.45030	-.00970	.06210	-.13560	.10230	.02640	.00170	-.00050	-.00190	.08240
1.249	-.141	-.19510	-.01030	.06220	-.09910	.10230	.03660	.00390	-.00050	-.00230	.08020
1.249	2.098	2.04360	-.01090	.06130	-.07120	.10000	.04850	.00540	-.00050	-.00240	.07890
1.251	4.310	4.25580	-.00170	.06770	-.03840	.09730	.05550	.00940	-.00040	-.00500	.07580
1.252	6.392	6.33870	-.00490	.06350	-.00540	.09500	.05910	.01040	-.00040	-.00500	.07440
1.250	8.627	8.57290	-.00450	.06660	.03300	.09330	.06480	.00880	-.00030	-.00390	.07330
	GRADIENT	.99999	.00033	.00033	.01518	-.00048	.00435	.00119	-.00000	-.00037	-.00104

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT02) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.601	-8.597	-8.70040	.02920	.09190	-.23720	.03470	.01460	-.00880	.00000	-.00100	.08530
.601	-4.347	-4.45030	.00340	.06700	-.16810	.03840	.02710	-.00360	.00020	-.00140	.07880
.600	-2.294	-2.39710	.00410	.07040	-.13730	.03880	.03390	-.00040	.00030	-.00180	.07740
.600	-.072	-.17550	.00490	.07060	-.10750	.03820	.04200	.00080	.00030	-.00140	.07600
.600	2.000	1.89620	.00670	.07260	-.07800	.03690	.04790	.00400	.00020	-.00270	.07360
.600	4.098	3.99520	.00640	.07070	-.05960	.03560	.06120	.00340	.00020	-.00190	.07210
.599	8.382	8.27800	-.01630	.05020	.00140	.03140	.07760	.00470	.00030	-.00060	.07090
	GRADIENT	.99993	.00041	.00045	.01304	-.00035	.00388	.00087	-.00000	-.00009	-.00081

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.099	-7.956	-8.02000	.01020	.19420	-.24060	.08690	.00060	-.00500	-.00050	-.00230	.10250
1.102	-5.904	-5.96850	.00920	.19250	-.19700	.08740	.00720	-.00270	-.00050	-.00290	.09930
1.099	-3.797	-3.86130	.00640	.19030	-.15370	.08790	.01310	-.00380	-.00040	-.00130	.09550
1.102	-1.781	-1.84560	.00050	.18370	-.11680	.08910	.01990	-.00110	-.00040	-.00190	.09170
1.101	.308	.24400	.00020	.18360	-.08210	.09020	.02670	.00100	-.00040	-.00200	.09110
1.099	2.374	2.30960	-.00120	.18300	-.05680	.08730	.03570	.00210	-.00030	-.00190	.08780
1.098	4.428	4.36370	-.00230	.18180	-.02640	.08530	.04330	.00380	-.00030	-.00060	.08520
1.099	6.389	6.32480	-.00190	.18210	.00730	.08390	.04520	.00400	-.00030	-.00140	.08320
1.099	8.481	8.41660	-.00710	.17680	.04250	.08270	.04990	.00270	-.00030	-.00070	.08270
	GRADIENT	1.00000	-.00092	-.00086	.01526	-.00034	.00370	.00089	.00001	.00007	-.00119

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-9.275	-9.32890	-.00400	.06530	-.28120	.09890	.01010	-.00460	-.00060	-.00220	.09200
1.250	-6.956	-7.00950	-.00390	.06650	-.22330	.10060	.01190	-.00440	-.00040	-.00110	.08900
1.248	-4.697	-4.75180	-.00880	.06470	-.17720	.10150	.01770	-.00230	-.00050	-.00070	.08600
1.249	-2.451	-2.50470	-.01150	.06050	-.13670	.10200	.02630	.00150	-.00050	-.00150	.08280
1.251	-.134	-.18760	-.01070	.05920	-.09910	.10200	.03690	.00430	-.00050	-.00250	.08030
1.252	2.137	2.08300	-.00920	.06000	-.07000	.10010	.04890	.00530	-.00050	-.00260	.07860
1.251	4.254	4.20010	-.00180	.06850	-.03920	.09770	.05570	.00930	-.00040	-.00490	.07580
1.250	6.420	6.36550	-.00590	.06550	-.00500	.09520	.05920	.01020	-.00040	-.00470	.07480
1.249	8.625	8.57100	-.00460	06760	.03290	.09320	.06440	.00870	-.00030	-.00390	.07360
	GRADIENT	1.00005	.00071	.00030	.01524	-.00042	.00439	.00120	.00001	-.00042	-.00109

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-7.965	-8.01900	-.00090	.06940	-.24860	.10000	.01160	-.00460	-.00040	-.00180	.09050
1.251	-5.896	-5.95000	-.00310	.06640	-.20180	.10130	.01480	-.00550	-.00040	-.00020	.08750
1.250	-3.748	-3.80160	-.00480	.06570	-.16050	.10230	.02220	-.00040	-.00030	-.00160	.08410
1.249	-1.690	-1.74430	-.00920	.06270	-.12490	.10270	.03020	.00310	-.00040	-.00240	.08140
1.253	.382	.32810	-.00760	.06030	-.09180	.10200	.04030	.00540	-.00030	-.00290	.07980
1.249	2.495	2.44040	-.00660	.06530	-.06750	.09970	.05140	.00580	-.00030	-.00250	.07770
1.253	4.482	4.42780	-.00170	.06630	-.03530	.09690	.05500	.01060	-.00020	-.00500	.07490
1.249	6.503	6.44840	-.00310	.06930	-.00440	.09560	.06010	.01100	-.00010	-.00510	.07380
1.248	8.539	8.48470	-.00790	.06580	.03180	.09390	.06460	.00840	-.00010	-.00320	.07350
	GRADIENT	1.00002	.00042	.00018	.01491	-.00067	.00421	.00119	.00001	-.00033	-.00107

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.102	-7.956	-8.02100	.01150	.19480	-.24190	.08690	.00170	-.00480	-.00050	-.00260	.10230
1.098	-5.936	-6.00090	.00790	.19230	-.19550	.08690	.00590	-.00340	-.00050	-.00240	.09980
1.100	-3.856	-3.92090	.00580	.18950	-.15430	.09820	.01300	-.00370	-.00040	-.00130	.09520
1.098	-1.776	-1.84090	-.00010	.18430	-.11480	.08870	.01870	-.00260	-.00040	-.00110	.09230
1.099	.276	.21120	.00030	.18430	-.08070	.08980	.02570	-.00010	-.00040	-.00130	.09150
1.102	2.395	2.33040	-.00120	.18220	-.05670	.08800	.03630	.00300	-.00030	-.00230	.08710
1.102	4.413	4.34840	-.00180	.18160	-.02660	.08580	.04390	.00420	-.00030	-.00090	.08510
1.100	6.459	6.39450	-.00450	.17930	.00820	.08440	.04570	.00450	-.00030	-.00120	.08320
1.101	8.434	8.36920	-.00750	.17600	.04210	.08330	.04980	.00280	-.00020	-.00020	.08210
	GRADIENT	1.00001	-.00079	-.00087	.01514	-.00027	.00383	.00103	.00001	-.00002	-.00123

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.249	-9.274	-9.32810	-.00430	.06760	-.28140	.09890	.01010	-.00500	-.00060	-.00190	.09210
1.250	-6.979	-7.03310	-.00320	.06810	-.22340	.10070	.01180	-.00680	-.00060	.00010	.08860
1.251	-4.685	-4.73890	-.00820	.06130	-.17570	.10150	.01780	-.00260	-.00060	-.00060	.09580
1.249	-2.465	-2.51910	-.01230	.06030	-.13600	.10210	.02610	.00120	-.00060	-.00130	[illegible]
1.249	-.103	-.15690	-.01110	.06120	-.09780	.10250	.03710	.00430	-.00050	-.00250	[illegible]
1.251	2.087	2.03300	-.01120	.05900	-.06990	.10040	.04850	.00640	-.00050	-.00280	[illegible]
1.252	4.295	4.24100	-.00090	.06800	-.03730	.09750	.05490	.00970	-.00040	-.00520	.07560
1.251	6.379	6.32530	-.00510	.06520	-.00500	.09510	.05890	.01000	-.00030	-.00470	.07470
1.250	8.627	8.57300	-.00540	.06580	.03310	.09320	.06450	.00850	-.00030	-.00370	.07360
	GRADIENT	1.00002	.00069	.00053	.01524	-.00043	.00429	.00132	.00002	-.00047	[illegible]

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/. 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.098	-7.959	-8.02390	.01010	.19430	-.24140	.08740	.00100	-.00490	-.00050	-.00230	.10240
1.100	-5.934	-5.99850	.00980	.19360	-.19670	.08760	.00690	-.00280	-.00050	-.00290	.09940
1.102	-3.846	-3.91080	.00640	.18970	-.15420	.08830	.01330	-.00360	-.00040	-.00140	.09500
1.099	-1.769	-1.83310	-.00050	.18360	-.11490	.08870	.01900	-.00230	-.00040	-.00110	.09210
1.102	.281	.21650	.00020	.18350	-.08200	.09030	.02660	.00090	-.00040	-.00190	.09110
1.101	2.396	2.33110	-.00090	.18270	-.05630	.09820	.03620	.00280	-.00030	-.00240	.08720
1.100	4.400	4.33570	.00000	.18370	-.02660	.08580	.04380	.00390	-.00030	-.00100	.08520
1.102	6.411	6.34690	-.00320	.18020	.00810	.08460	.04570	.00410	-.00030	-.00110	.08320
1.099	8.485	8.42070	-.00450	.17950	.04340	.08320	.05010	.00340	-.00020	-.00070	.08220
	GRADIENT	1.00000	-.00064	-.00063	.01519	-.00027	.00379	.00097	.00001	-.00003	-.00119

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.249	-9.246	-9.29980	-.00620	.06580	-.27980	.09880	.01010	-.00500	-.00070	-.00160	.09220
1.249	-6.982	-7.03610	-.00410	.06810	-.22350	.10080	.01190	-.00650	-.00060	.00000	.08870
1.252	-4.691	-4.74430	-.00680	.06150	-.17570	.10180	.01780	-.00250	-.00060	-.00090	.08540
1.251	-2.468	-2.52180	-.01020	.05910	-.13540	.10230	.02610	.00150	-.00060	-.00180	.08250
1.249	-.141	-.19560	-.01120	.06040	-.09820	.10220	.03670	.00400	-.00050	-.00220	.08040
1.249	2.140	2.08600	-.01040	.06220	-.06990	.10020	.04870	.00570	-.00050	-.00240	.07860
1.250	4.266	4.21190	-.00110	.07000	-.03760	.09770	.05490	.00960	-.00040	-.00520	.07560
1.251	6.383	6.32890	-.00490	.06500	-.00460	.09520	.05880	.01040	-.00030	-.00500	.07430
1.251	8.629	8.57500	-.00460	.06560	.03320	.09320	.06470	.00910	-.00030	-.00410	.07340
	GRADIENT	.99995	.00049	.00088	.01517	-.00045	.00430	.00126	.00002	-.00041	-.00104

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-8.257	-8.15330	.01540	-.05130	-.23520	.03860	.01770	.00720	-.00030	-.00480	.08470
.600	-6.131	-6.02740	.01360	-.05150	-.19840	.04070	.02390	.00790	-.00020	-.00470	.08070
.600	-3.988	-3.88510	.01060	-.05460	-.16420	.04190	.03030	.00910	-.00020	-.00500	.07770
.600	-1.844	-1.74070	.00710	-.05760	-.13280	.04270	.03830	.01050	-.00010	-.00540	.07600
.601	.239	.34150	.00330	-.05790	-.10630	.04190	.04630	.01110	-.00010	-.00550	.07430
.600	2.368	2.47200	-.00130	-.06690	-.07710	.04020	.05220	.01380	-.00010	-.00670	.07330
.599	4.488	4.59140	-.00600	-.07280	-.05580	.03960	.06450	.01590	-.00010	-.00700	.07270
.601	6.633	6.73650	-.01030	-.07220	-.02450	.03780	.07240	.01810	.00000	-.00690	.07180
.600	8.767	8.87010	-.01560	-.08130	.00820	.03540	.07780	.02080	.00000	-.00720	.07130
	GRADIENT	1.00002	-.00197	-.00216	.01288	-.00034	.00389	.00080	.00001	-.00025	-.00060

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.899	-8.504	-8.44100	.01260	-.06470	-.25780	.04880	.01530	.00690	-.00040	-.00550	.09280
.899	-6.268	-6.20520	.00820	-.06890	-.21110	.04970	.02060	.00830	-.00040	-.00530	.08850
.899	-4.091	-4.02810	.00440	-.07290	-.16750	.04960	.02470	.00980	-.00040	-.00550	.08460
.901	-1.940	-1.87720	.00140	-.07720	-.13280	.04830	.02910	.01190	-.00030	-.00670	.07870
.901	.241	.30470	-.00090	-.08000	-.10070	.04740	.03330	.01300	-.00040	-.00730	.07630
.901	2.410	2.47300	-.00690	-.08630	-.06830	.04670	.03880	.01360	-.00040	-.00760	.07560
.901	4.587	4.65010	-.01020	-.08880	-.02650	.04570	.04310	.01620	-.00040	-.00760	.07390
.901	6.749	6.81270	-.01280	-.09170	.01130	.04330	.04600	.01820	-.00030	-.00690	.07280
.902	8.947	9.01070	-.02000	-.09960	.04340	.04190	.05200	.02160	-.00030	-.00820	.07440
	GRADIENT	1.00000	-.00173	-.00188	.01596	-.00043	.00214	.00067	-.00000	-.00023	-.00113

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.097	-8.801	-8.73530	.02170	-.16280	-.26350	.08760	-.00010	.00870	-.00030	-.00760	.10440
1.098	-6.529	-6.46470	.02280	-.16120	-.20970	.08840	.00440	.00980	-.00030	-.00800	.10110
1.098	-4.261	-4.19660	.02090	-.16330	-.16500	.08850	.01270	.00940	-.00030	-.00690	.09640
1.101	-1.984	-1.91880	.01750	-.16590	-.12270	.08970	.02030	.00830	-.00030	-.00590	.09230
1.101	.249	.31410	.01770	-.16580	-.08400	.09010	.02750	.00980	-.00040	-.00610	.09090
1.103	2.493	2.55780	.01280	-.17020	-.05650	.08800	.03790	.01130	-.00030	-.00650	.08750
1.102	4.663	4.72790	.00970	-.17370	-.02290	.08630	.04430	.01350	-.00020	-.00590	.08460
1.102	6.793	6.85800	.00050	-.18280	.01390	.08440	.04570	.01190	-.00020	-.00480	.08320
1.101	8.977	9.04140	-.00660	-.19020	.05220	.08280	.05030	.01300	.00000	-.00440	.08370
	GRADIENT	.99999	-.00121	-.00112	.01570	-.00027	.00362	.00050	.00001	.00006	-.00127

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-8.831	-8.77730	.02960	-.03960	-.27370	.09860	.00990	.00370	-.00050	-.00590	.09130
1.251	-6.520	-6.46630	.02550	-.04380	-.22150	.09990	.01170	.00440	-.00040	-.00540	.08860
1.251	-4.186	-4.13170	.02400	-.04580	-.17220	.10080	.01770	.00600	-.00050	-.00620	.08490
1.249	-1.949	-1.89460	.02280	-.04890	-.13210	.10120	.02660	.00690	-.00050	-.00680	.08230
1.249	.337	.39110	.02080	-.05160	-.09320	.10150	.03610	.00820	-.00060	-.00710	.08030
1.249	2.609	2.66350	.01440	-.05740	-.06540	.10000	.04860	.00830	-.00050	-.00620	.07860
1.250	4.748	4.80210	.01420	-.05680	-.03510	.09710	.05400	.00970	-.00040	-.00670	.07600
1.251	6.916	6.97030	.00490	-.06480	-.00280	.09610	.06030	.00990	-.00040	-.00640	.07500
1.250	9.104	9.15860	-.00190	-.07310	.03780	.09490	.06450	.00870	-.00030	-.00510	.07430
	GRADIENT	1.00001	-.00125	-.00136	.01521	-.00038	.00422	.00039	.00001	-.00002	-.00096

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.248	-8.801	-8.74680	.06540	-.00710	-.27430	.10050	.01080	.00430	-.00030	-.00730	.09170
1.247	-6.519	-6.46410	.05560	-.01800	-.21890	.10130	.01330	.00670	-.00030	-.00780	.08890
1.249	-4.219	-4.16450	.04350	-.02850	-.17130	.10200	.01910	.00590	-.00030	-.00670	.08470
1.250	-1.922	-1.86800	.03430	-.03660	-.13070	.10230	.02820	.00770	-.00030	-.00740	.08210
1.249	.357	.41190	.02340	-.04840	-.09210	.10200	.03830	.00980	-.00040	-.00780	.08060
1.251	2.624	2.67830	.01140	-.05770	-.06620	.10050	.05090	.00900	-.00020	-.00660	.07840
1.249	4.760	4.81480	.00410	-.06790	-.03360	.09780	.05570	.01200	-.00010	-.00800	.07650
1.251	6.941	6.99470	-.01600	-.08540	-.00170	.09720	.06260	.01190	-.00010	-.00660	.07480
1.248	9.085	9.13940	-.02960	-.10300	.03830	.09590	.06660	.01240	.00000	-.00630	.07500
	GRADIENT	.99999	-.00452	-.00444	.01511	-.00045	.00427	.00060	.00002	-.00008	-.00089

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.549	-3.706	-3.64260	.00730	.17600	-.16250	.11000	.02860	-.00450	-.00030	-.00030	.06630
1.549	-1.438	-1.37440	.00410	.17460	-.11990	.11030	.03460	-.00340	-.00040	.00020	.06330
1.550	-.277	-.21230	.00300	.17630	-.10010	.11000	.03900	-.00220	-.00030	.00000	.06200
1.550	.886	.95030	.00330	.17580	-.08100	.10970	.04400	-.00100	-.00030	-.00020	.06140
1.549	3.150	3.21400	.00240	.17230	-.05230	.10800	.05560	-.00110	-.00030	.00040	.06040
1.550	5.341	5.40550	.00650	.17920	-.02530	.10540	.06500	.00250	-.00020	-.00170	.06270
1.550	6.422	6.48590	.00700	.17990	-.00990	.10500	.06950	.00360	-.00020	-.00290	.06260
	GRADIENT	1.00004	-.00068	-.00043	.01614	-.00029	.00395	.00055	.00000	.00007	-.00086

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATU	BETATU	BETAI	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.550	-6.332	-6.39630	.00670	-.16710	-.22790	.10940	.02790	.00540	-.00030	-.00370	.07130
1.550	-4.078	-4.14200	.00260	-.16820	-.17930	.11010	.03120	.00710	-.00030	-.00400	.06810
1.550	-1.794	-1.85760	.00080	-.17110	-.13350	.11090	.03630	.00860	-.00030	-.00420	.06550
1.550	.524	.46060	.00040	-.17220	-.09240	.11020	.04530	.01080	-.00030	-.00530	.06340
1.550	2.824	2.76020	-.00350	-.17590	-.05970	.10820	.05660	.01410	-.00030	-.00700	.06150
1.549	4.993	4.92940	-.00130	-.17190	-.03110	.10580	.06430	.01880	-.00020	-.00980	.06230
1.552	6.090	6.02440	.00170	-.17810	-.01530	.10510	.06900	.01980	-.00010	-.01110	.06230
	GRADIENT	1.00000	-.00053	-.00054	.01628	-.00049	.00380	.00127	.00001	-.00063	-.00069

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.600	-6.416	-6.51930	.04760	-.01660	-.13450	.03840	.05510	.08390	.00010	-.00360	.07840
.600	-4.355	-4.45850	.06370	-.00090	-.12530	.04000	.05180	.05600	.00000	-.00260	.07540
.600	-.232	-.33510	.07710	.01340	-.11150	.04160	.04580	.00420	-.00020	-.00130	.07520
.601	3.878	3.77510	.09130	.02930	-.10380	.04130	.04450	-.04380	-.00050	-.00130	.07590
.600	5.945	5.84130	.09770	.03280	-.10100	.04030	.04490	-.06900	-.00080	-.00130	.07770
	GRADIENT	1.00004	.00335	.00367	.00261	.00016	-.00089	-.01212	-.00006	.00016	.00006

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.900	-6.541	-6.60420	.01010	-.06760	-.14860	.04760	.05660	.10470	.00030	-.01230	.08520
.899	-4.447	-4.51000	.01900	-.05820	-.13500	.04850	.05000	.07210	.00000	-.01070	.08240
.901	-.274	-.33680	-.01490	-.09370	-.10650	.04810	.03220	.00910	-.00040	-.00400	.07640
.900	3.877	3.81370	.02140	-.05710	-.11160	.04850	.03900	-.05760	-.00070	.00570	.07890
.900	5.966	5.90280	.03680	-.04140	-.11460	.04820	.04310	-.08950	-.00090	.00820	.08210
	GRADIENT	1.00001	.00028	.00012	.00281	-.00000	-.00132	-.01558	-.00008	.00197	-.00042

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.949	-6.553	-6.61620	.01860	-.11040	-.14180	.05440	.05190	.11010	.00040	-.01520	.08960
.949	-4.459	-4.52230	.03630	-.09280	-.12740	.05520	.04660	.07420	.00010	-.01190	.08740
.950	-.278	-.34090	.01530	-.11380	-.09730	.05560	.03050	.00780	-.00040	-.00280	.08440
.950	3.884	3.82070	.03790	-.09150	-.10120	.05610	.03540	-.05560	-.00070	.00600	.08630
.950	5.975	5.91180	.04460	-.08450	-.10180	.05590	.03750	-.08690	-.00090	.00780	.08900
	GRADIENT	1.00000	.00019	.00015	.00314	.00011	-.00134	-.01556	-.00010	.00215	-.00013

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.101	-6.583	-6.64720	.02150	-.16200	-.13850	.08790	.05090	.11710	.00030	-.01690	.09560
1.098	-4.465	-4.52950	.03650	-.14760	-.12430	.08760	.04560	.07690	.00010	-.01220	.09210
1.097	-.264	-.32900	.00360	-.18080	-.09300	.08890	.02740	.00860	-.00040	-.00380	.09120
1.099	3.897	3.83290	.04200	-.14210	-.09310	.08980	.03110	-.05580	-.00060	.00420	.09290
1.101	6.006	5.94160	.06570	-.11780	-.09760	.09010	.03630	-.09300	-.00080	.00900	.09430
	GRADIENT	1.00000	.00064	.00064	.00374	.00026	-.00174	-.01587	-.00008	.00196	.00010

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.148	-6.595	-6.65840	.03350	-.12890	-.14030	.09150	.05230	.11810	.00010	-.01840	.09110
1.152	-4.470	-4.53300	.05390	-.10630	-.12800	.09290	.04780	.07850	-.00020	-.01410	.08750
1.151	-.265	-.32820	.02020	-.14070	-.09690	.09480	.02930	.00970	-.00060	-.00540	.08680
1.148	3.903	3.84010	.03800	-.12480	-.09470	.09470	.03120	-.05690	-.00090	.00450	.08850
1.149	6.012	5.94880	.05090	-.11110	-.09770	.09370	.03510	-.09160	-.00110	.00720	.09080
	GRADIENT	.99998	-.00191	-.00222	.00398	.00022	-.00199	-.01617	-.00008	.00222	.00012

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.247	-6.611	-6.66530	.12960	.05560	-.13960	.09860	.06190	.11350	.00000	-.01620	.08600
1.251	-4.491	-4.54450	.15090	.08130	-.12640	.09910	.05650	.07480	-.00020	-.01200	.08260
1.251	-.275	-.32880	.14290	.07330	-.09870	.10010	.04110	.00870	-.00060	-.00490	.08100
1.252	3.912	3.85840	.15590	.08730	-.09570	.10030	.04250	-.05390	-.00080	.00240	.08320
1.249	6.021	5.96740	.15140	.07970	-.09540	.10010	.04370	-.08910	-.00100	.00580	.08400
	GRADIENT	1.00001	.00059	.00071	.00366	.00014	-.00167	-.01532	-.00007	.00171	.00007

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-6.420	-6.52390	.05390	-.01310	-.13390	.03870	.05430	.08500	.00010	-.00360	.07910
.600	-4.333	-4.43600	.06850	.00330	-.12560	.03980	.05140	.05750	.00000	-.00270	.07640
.600	-2.277	-2.38000	.06720	.00260	-.11580	.04070	.04690	.03170	-.00020	-.00220	.07710
.600	-.220	-.32350	.07820	.01300	-.11190	.04160	.04590	.00690	-.00030	-.00190	.07600
.600	1.837	1.73390	.08340	.01930	-.10560	.04180	.04400	-.01660	-.00040	-.00190	.07590
.600	3.894	3.79080	.08850	.02200	-.10410	.04110	.04490	-.03980	-.00060	-.00230	.07700
.600	5.948	5.84490	.09370	.02800	-.10000	.03990	.04520	-.05430	-.00070	-.00240	.07870
	GRADIENT	1.00000	.00273	.00263	.00259	.00018	-.00077	-.01181	-.00007	.00005	.00000

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.900	-6.544	-6.60680	.01250	-.06570	-.14900	.04690	.05590	.10610	.00030	-.01290	.08540
.900	-4.445	-4.50830	.01950	-.05810	-.13450	.04760	.04900	.07520	.00010	-.01170	.08200
.900	-2.351	2.41390	.00230	-.07610	-.12050	.04720	.03980	.04440	-.00020	-.00950	.07700
.899	-.284	-.34710	-.01800	-.09510	-.10720	.04720	.03200	.01160	-.00040	-.00490	.07660
.899	1.793	1.73050	-.01190	-.08920	-.10420	.04780	.03190	-.02300	-.00060	.00140	.07800
.899	3.879	3.81590	.01680	-.06060	-.11000	.04790	.03840	-.05480	-.00070	.00510	.07920
.900	5.959	5.89560	.02750	-.05050	-.11370	.04730	.04250	-.08640	-.00090	.00760	.08200
	GRADIENT	1.00000	-.00094	-.00087	.00314	.00006	-.00140	-.01575	-.00010	.00214	-.00022

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-5.953	-5.84920	.10300	.17110	-.12490	.04130	.05430	.08000	-.00010	-.00550	.07730
.599	-3.883	-3.77950	.10110	.16810	-.11640	.04240	.05060	.05160	-.00020	-.00430	.07460
.599	-1.812	-1.70830	.08170	.14820	-.10600	.04270	.04460	.02500	-.00030	-.00380	.07630
.600	.231	.33400	.07940	.14520	-.10350	.04360	.04410	-.00050	-.00050	-.00320	.07480
.600	2.287	2.39010	.06970	.13600	-.09720	.04340	.04130	-.02410	-.00060	-.00370	.07340
.599	4.341	4.44480	.07210	.13910	-.09560	.04310	.04340	-.04950	-.00070	-.00320	.07410
.601	6.416	6.51880	.07370	.13550	-.09280	.04180	.04560	-.07530	-.00080	-.00240	.07570
	GRADIENT	1.06000	-.00341	-.00342	.00245	.00010	-.00086	-.01223	-.00006	.00011	-.00019

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.899	-5.983	-5.92000	.06120	.13820	-.13740	.04940	.05320	.09940	.00010	-.01400	.08300
.899	-3.900	-3.83650	.03940	.11570	-.12550	.04920	.04560	.06820	-.00010	-.01290	.07850
.899	-1.808	-1.74500	.01350	.09010	-.11030	.04870	.03690	.03490	-.00030	-.00970	.07510
.900	.288	.35100	-.01180	.06640	-.09990	.04880	.03110	.00040	-.00050	-.00450	.07580
.901	2.359	2.42210	-.00670	.07260	-.10000	.04910	.03320	-.03520	-.00060	.00170	.07750
.901	4.432	4.49500	.01870	.09790	-.10630	.04910	.04040	-.06750	-.00070	.00530	.07930
.900	6.537	6.60040	.02610	.10390	-.10750	.04810	.04430	-.09910	-.00090	.00760	.08160
	GRADIENT	1.00000	-.00297	-.00256	.00234	.00001	-.00068	-.01639	-.00007	.00229	.00019

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.097	-6.029	-5.96370	.07300	.25740	-.12300	.08820	.04670	.10390	.00000	-.01460	.09440
1.098	-3.900	-3.83480	.06620	25020	-.10890	.08870	.04010	.06620	-.00030	-.01150	.09120
1.100	-1.802	-1.73770	.04590	.22950	-.09500	.09000	.03190	.03230	-.00060	-.00940	.08920
1.102	.284	.34880	.00730	.19040	-.08180	.09250	.02340	-.00090	-.00070	-.00370	.09110
1.100	2.392	2.45650	.03000	.21370	-.08360	.09130	.02730	-.03320	-.00070	.00000	.08980
1.103	4.458	4.52260	.05430	.23740	-.08760	.09140	.03310	-.06690	-.00090	.00450	.09170
1.098	6.574	6.63850	.05210	.23610	-.08510	.08860	.03410	-.10170	-.00120	.00740	.09440
	GRADIENT	.99999	-.00191	-.00199	.00259	.00032	-.00089	-.01586	-.00006	.00193	.00008

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATU	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.248	-6.041	-5.98680	.12500	.19790	-.13120	.10080	.05450	.10140	.00000	-.01380	.08540
1.249	-3.927	-3.87260	.13160	.20320	-.12030	.10130	.04970	.06420	-.00020	-.00940	.08250
1.250	-1.797	-1.74300	.11460.	.18580	-.10620	.10190	.04190	.03110	-.00050	-.00680	.08060
1.250	.290	.34370	.10090	.17180	-.09530	.10360	.03600	.00090	-.00060	-.00340	.07960
1.252	2.400	2.45340	.09600	.16480	-.09280	.10520	.03630	-.03130	-.00060	.00030	.07960
1.251	4.483	4.53670	.11220	.18200	-.09450	.10460	.04030	-.06400	-.00080	.00360	.08110
1.250	6.607	6.66130	.09990	.17100	-.09280	.10330	.04140	-.10060	-.00110	.00760	.08350
	GRADIENT	.99995	-.00274	-.00303	.00310	.00047	-.00116	-.01517	-.00006	.00157	-.00018

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.831	-5.806	-5.91990	-7.87370	.60030	-.23620	.03030	.02250	.04930	.00040	.00620	.08810
-7.849	-3.810	-3.91160	-7.91310	.60110	-.22840	.03100	.01950	.02770	.00010	.00460	.08560
-7.793	.065	-.00080	-7.89610	.59980	-.22160	.03400	.01740	-.00490	-.00020	-.00240	.08490
-7.766	3.986	3.97540	-7.88730	.59980	-.21140	.03410	.01790	-.03850	-.00040	-.00830	.08640
-7.791	5.995	6.00810	-7.91220	.60030	-.20670	.03290	.01850	-.05800	-.00070	-.01030	.08840
	GRADIENT	1.01164	.00331	-.00017	.00218	.00040	-.00020	-.00849	-.00006	-.00165	.00010

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.855	-5.823	-5.94570	-3.85570	.59970	-.18170	.03310	.03810	.06250	.00040	.00160	.08280
-3.817	-3.849	-3.96760	-3.84210	.60030	-.17360	.03440	.03480	.03800	.00020	.00110	.08020
-3.701	.068	.00310	-3.80440	.59990	-.15680	.03720	.02960	-.00080	-.00020	-.00270	.07960
-3.706	3.898	3.92650	-3.82500	.59970	-.14710	.03760	.02820	-.03720	-.00060	-.00640	.07950
-3.701	5.846	5.89800	-3.81080	.60020	-.14590	.03650	.03150	-.05850	-.00090	-.00710	.08020
	GRADIENT	1.01899	.00224	-.00008	.00342	.00041	-.00085	-.00971	-.00010	-.00097	-.00009

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-.017	-6.416	-6.51930	.04760	.60020	-.13450	.03840	.05510	.08390	.00010	-.00360	.07840
-.001	-4.355	-4.45850	.06370	.60010	-.12530	.04000	.05180	.05600	.00000	-.00260	.07540
.013	-.232	-.33510	.07710	.60040	-.11150	.04160	.04580	.00420	-.00020	-.00130	.07520
.029	3.878	3.77510	.09130	.60090	-.10380	.04130	.04450	-.04380	-.00050	-.00130	.07590
.033	5.945	5.84180	.09770	.60000	-.10100	.04030	.04490	-.06900	-.00080	-.00130	.07770
	GRADIENT	1.00004	.00335	.00010	.00261	.00016	-.00089	-.01212	-.00006	.00016	.00006

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.432	-6.083	-6.03340	4.32040	.60000	-.06850	.03450	.07100	.10260	.00000	-.01180	.07380
4.430	-4.071	-4.04400	4.31050	.59980	-.06340	.03520	.06830	.06730	.00010	-.00760	.07230
4.482	.066	.00370	4.37900	.60070	-.05530	.03480	.06420	.00300	-.00020	-.00220	.07310
4.352	4.165	4.04860	4.32470	.60010	-.05450	.03450	.06360	-.05140	-.00060	-.00070	.07350
4.286	6.161	6.03780	4.28540	.59910	-.05260	.03350	.06310	-.07990	-.00070	.00180	.07580
	GRADIENT	.98232	.00175	.00004	.00108	-.00009	-.00057	-.01441	-.00008	.00084	.00015

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.902	-5.903	-6.01890	-7.94280	.59950	-.23560	.03560	.02110	.05370	.00020	.00550	.08700
-7.792	-3.796	-3.89860	-7.85490	.60060	-.22760	.03660	.01910	.03140	.00000	.00300	.08630
-7.788	.056	-.01050	-7.89080	.59950	-.21730	.03920	.01560	-.00350	-.00030	-.00320	.08380
-7.725	4.041	4.03100	-7.84690	.59990	-.20690	.03920	.01710	-.03780	-.00070	-.00900	.08500
-7.793	5.957	5.96930	-7.91350	.60020	-.20280	.03790	.01700	-.05670	-.00090	-.01070	.08690
	GRADIENT	1.01192	.00108	-.00009	.00264	.00033	-.00025	-.00883	-.00009	-.00153	-.00016

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.860	-5.813	-5.93670	-3.85940	.59930	-.17860	.03850	.03700	.06260	.00020	.00150	.08080
-3.767	-3.799	-3.92130	-3.78910	.59900	-.16930	.03980	.03350	.03710	.00010	.00110	.07820
-3.752	.063	-.00200	-3.85470	.60010	-.15240	.04270	.02800	-.00170	-.00030	-.00220	.07750
-3.710	3.896	3.92590	-3.82800	.60020	-.14210	.04290	.02730	-.03730	-.00060	-.00630	.07760
-3.717	5.866	5.91690	-3.83030	.59900	-.14220	.04180	.03030	-.05920	-.00090	-.00720	.07870
	GRADIENT	1.01965	-.00507	.00016	.00354	.00040	-.00081	-.00967	-.00009	-.00096	-.00008

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-.017	-6.416	-6.51930	.04760	.60020	-.13450	.03840	.05510	.08390	.00010	-.00360	.07840
-.001	-4.355	-4.45850	.06370	.60010	-.12530	.04000	.05180	.05600	.00000	-.00260	.07540
.013	-.232	-.33510	.07710	.60040	-.11150	.04160	.04580	.00420	-.00020	-.00130	.07520
.029	3.878	3.77510	.09130	.60090	-.10380	.04130	.04450	-.04380	-.00050	-.00130	.07590
.033	5.945	5.84180	.09770	.60000	-.10100	.04030	.04490	-.06900	-.00080	-.00130	.07770
	GRADIENT	1.00004	.00335	.00010	.00261	.00016	-.00089	-.01212	-.00006	.00016	.00006

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.440	-6.065	-6.01510	4.33000	.60050	-.06420	.03980	.06930	.10070	.00010	-.01110	.07160
4.448	-4.098	-4.06550	4.33510	.60270	-.05880	.04030	.06680	.06680	.00010	-.00710	.07050
4.459	.058	-.00890	4.35520	.59930	-.05110	.04030	.06240	.00300	-.00020	-.00210	.07100
4.346	4.178	4.05810	4.31980	.59980	-.04950	.03970	.06180	-.05210	-.00060	-.00040	.07140
4.311	6.201	6.07680	4.31140	.59870	-.04640	.03870	.06110	-.08170	-.00070	.00230	.07360
	GRADIENT	.99164	-.00184	-.00035	.00112	-.00007	-.00060	-.01437	-.00008	.00081	.00011

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.941	-5.806	-5.90610	-7.94260	.89940	-.27100	.04600	.02820	.07890	.00040	-.00810	.09510
-7.889	-3.783	-3.88010	-7.90950	.89930	-.26000	.04730	.02450	.04700	.00010	-.00610	.09250
-7.870	.085	.00610	-7.93290	.90070	-.23680	.04910	.01430	-.00780	-.00030	-.00100	.09240
-7.857	4.001	3.96020	-7.94910	.90070	-.23200	.04910	.01680	-.05870	-.00050	.00230	.09210
-7.850	6.007	5.98540	-7.94700	.89930	-.22940	.04830	.01690	-.08410	-.00070	.00220	.09420
	GRADIENT	1.00728	-.00509	.00018	.00359	.00023	-.00099	-.01358	-.00008	.00108	-.00005

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.923	-5.875	-5.97010	-3.89110	.89970	-.19930	.04760	.04070	.08500	.00040	-.01040	.08890
-3.859	-3.854	-3.95340	-3.84580	.89960	-.18510	.04890	.03570	.05410	.00020	-.00830	.08550
-3.791	.080	.00160	-3.85420	.90040	-.15650	.05070	.02350	-.00150	-.00030	-.00200	.08440
-3.748	3.949	3.94110	-3.84800	.89950	-.15860	.05060	.02960	-.05130	-.00060	.00200	.08320
-3.726	5.886	5.89770	-3.82620	.90020	-.15850	.04950	.03190	-.07820	-.00070	.00350	.08490
	GRADIENT	1.01168	-.00029	-.00001	.00341	.00022	-.00079	-.01351	-.00010	.00132	-.00029

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-.068	-6.541	-6.60420	.01010	.89980	-.14860	.04760	.05660	.10470	.00030	-.01230	.08520
-.058	-4.447	-4.51000	.01900	.89930	-.13500	.04850	.05000	.07210	.00000	-.01070	.08240
-.094	-.274	-.33680	-.01490	.90070	-.10650	.04810	.03220	.00910	-.00040	-.00400	.07640
-.057	3.877	3.81370	.02140	.90040	-.11160	.04850	.03900	-.05760	-.00070	.00570	.07890
-.041	5.966	5.90280	.03680	.90010	-.11460	.04820	.04310	-.08950	-.00090	.00820	.08210
	GRADIENT	1.00001	.00028	.00013	.00281	-.00000	-.00132	-.01558	-.00008	.00197	-.00042

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.475	-6.041	-6.03170	4.37520	.89930	-.06140	.04640	.06290	.10910	.00030	-.01380	.07950
4.448	-4.020	-4.03060	4.34820	.90010	-.05110	.04710	.05760	.07490	.00020	-.01170	.07810
4.398	.076	-.00160	4.33510	.89990	-.02530	.04780	.04150	.00380	-.00030	-.00220	.07440
4.314	4.132	4.03360	4.32420	.89900	-.03510	.04580	.04820	-.06360	-.00060	.00790	.07510
4.261	6.105	6.00960	4.29090	.90000	-.03770	.04540	.04960	-.09590	-.00080	.01080	.07840
	GRADIENT	.98916	-.00294	-.00013	.00197	-.00016	-.00116	-.01693	-.00010	.00240	-.00037

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-8.061	-5.843	-5.98370	-8.03040	.94920	-.27370	.05410	.01970	.09810	.00050	-.01580	.09880
-7.990	-3.826	-3.97070	-7.98500	.95080	-.26100	.05500	.01510	.06170	.00020	-.01230	.09560
-7.941	.121	-.00810	-8.00370	.94950	-.23700	.05610	.00450	-.00580	-.00020	-.00210	.09460
-7.864	4.055	3.97090	-7.98030	.94900	-.23200	.05620	.00760	-.06760	-.00050	.00590	.09630
-7.851	6.035	5.97280	-7.98030	.94930	-.22860	.05580	.00760	-.09790	-.00080	.00800	.09890
	GRADIENT	1.00765	.00059	-.00023	.00368	.00015	-.00095	-.01641	-.00009	.00231	.00009

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.966	-5.799	-5.92180	-3.88950	.95010	-.19520	.05510	.03280	.09650	.00060	-.01720	.09280
-3.972	-3.875	-4.00930	-3.92100	.94950	-.18380	.05570	.02880	.06360	.00030	-.01270	.09000
-3.851	.138	.00920	-3.91460	.94890	-.15400	.05760	.01740	-.00090	-.00020	-.00290	.08970
-3.723	3.969	3.92640	-3.86040	.94990	-.15270	.05780	.02120	-.05790	-.00060	.00510	.08840
-3.726	5.936	5.92030	-3.87000	.95020	-.15180	.05710	.02210	-.08860	-.00080	.00770	.09220
	GRADIENT	1.01157	.00768	.00005	.00399	.00027	-.00098	-.01549	-.00011	.00227	-.00020

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-.110	-6.553	-6.61620	.01860	.94940	-.14180	.05440	.05190	.11010	.00040	-.01520	.08960
-.093	-4.459	-4.52230	.03630	.94940	-.12740	.05520	.04660	.07420	.00010	-.01190	.08740
-.114	-.278	-.34090	.01530	.94950	-.09730	.05560	.03050	.00780	-.00040	-.00280	.08440
-.092	3.884	3.82070	.03790	.94980	-.10120	.05610	.03540	-.05560	-.00070	.00600	.08630
-.084	5.975	5.91180	.04460	.94950	-.10180	.05590	.03750	-.08690	-.00090	.00780	.08900
	GRADIENT	1.00000	.00019	.00005	.00314	.00011	-.00134	-.01556	-.00010	.00215	-.00013

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.505	-5.986	-6.00500	4.36390	.94830	-.05890	.05410	.06010	.11650	.00030	-.01700	.08540
4.459	-3.954	-4.00160	4.32220	.95100	-.04890	.05470	.05390	.08130	.00020	-.01470	.08320
4.420	.125	-.00510	4.35700	.95090	-.02340	.05400	.03780	.00500	-.00020	-.00290	.07950
4.288	4.172	4.03580	4.33500	.94920	-.03240	.05260	.04710	-.06700	-.00050	.00820	.08180
4.248	6.120	5.99560	4.32110	.94990	-.03490	.05290	.04990	-.09840	-.00080	.01070	.08560
	GRADIENT	.98913	.00158	-.00022	.00204	-.00020	-.00084	-.01825	-.00009	.00282	-.00017

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-8.111	-5.845	-6.02860	-8.04570	1.09900	-.28080	.08600	.01790	.10230	.00040	-.01280	.10570
-8.019	-3.783	-3.97610	-7.98930	1.09880	-.26730	.08660	.01350	.06070	.00020	-.00820	.10210
-7.945	.199	.01490	-8.00920	1.09750	-.24160	.08700	.00120	-.00870	-.00030	-.00130	.10180
-7.889	4.084	3.95110	-8.03200	1.09760	-.23390	.08780	.00050	-.07100	-.00070	.00390	.10310
-7.870	6.100	5.99640	-8.03520	1.09740	-.23060	.08690	.00080	-.10410	-.00100	.00640	.10500
	GRADIENT	1.00755	-.00543	-.00015	.00425	.00015	-.00166	-.01674	-.00011	.00154	.00013

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-4.049	-5.803	-5.95450	-3.92640	1.10050	-.19960	.08660	.03190	.10250	.00050	-.01590	.09790
-3.982	-3.797	-3.96920	-3.89050	1.10020	-.18670	.08780	.02740	.06380	.00020	-.01060	.09450
-3.807	.188	.00400	-3.87130	1.10090	-.15420	.08940	.01320	-.00510	-.00020	-.00100	.09480
-3.715	3.999	3.91950	-3.89380	1.09870	-.14970	.09040	.01410	-.06350	-.00060	.00430	.09630
-3.688	5.975	5.93320	-3.87910	1.09740	-.15070	.08850	.01690	-.09700	-.00090	.00790	.03760
	GRADIENT	1.01178	-.00038	-.00019	.00477	.00033	-.00172	-.01634	-.00010	.00192	.00023

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-.162	-6.583	-6.64720	.02150	1.10120	-.13850	.08790	.05090	.11710	.00030	-.01690	.09560
-.148	-4.465	-4.52950	.03650	1.09850	-.12430	.08760	.04560	.07690	.00010	-.01220	.09210
-.181	-.264	-.32900	.00360	1.09750	-.09300	.08890	.02740	.00860	-.00040	-.00380	.09120
-.142	3.897	3.83290	.04200	1.09880	-.09310	.08980	.03110	-.05580	-.00060	.00420	.09290
-.118	6.006	5.94160	.06570	1.10120	-.09760	.09010	.03630	-.09300	-.00080	.00900	.09430
	GRADIENT	1.00000	.00064	.00004	.00374	.00026	-.00174	-.01587	-.00008	.00196	.00010

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.608	-5.975	-6.02370	4.41980	1.10090	-.05890	.08760	.06640	.10660	.00010	-.01100	.09630
4.595	-3.958	-4.04210	4.41910	1.10010	-.04500	.08760	.05720	.07480	-.00010	-.01040	.09740
4.482	.183	.00020	4.41720	1.10170	-.02600	.08720	.04420	.00210	-.00030	-.00050	.08470
4.289	4.217	4.04110	4.37370	1.09740	-.03140	.08590	.04710	-.06810	-.00050	.00910	.08990
4.237	6.163	6.00640	4.35420	1.09840	-.03590	.08580	.05160	-.09980	-.00070	.01080	.09250
	GRADIENT	.98874	-.00553	-.00033	.00168	-.00021	-.00124	-.01748	-.00005	.00239	.00030

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-8.051	-5.746	-5.91160	-7.99910	1.14910	-.27940	.08940	.02000	.09600	.00020	-.01240	.10060
-8.006	-3.796	-3.96850	-7.98520	1.14910	-.26790	.09060	.01630	.05640	-.00010	-.00770	.09720
-7.970	.180	.01850	-8.03280	1.14950	-.24420	.09190	.00500	-.00830	-.00060	-.00280	.09710
-7.900	4.089	3.97710	-8.03010	1.15200	-.23540	.09300	.00390	-.06890	-.00100	.00290	.09830
-7.845	6.058	5.97190	-7.99440	1.15040	-.23110	.09170	.00440	-.10280	-.00130	.00650	.10010
	GRADIENT	1.00766	-.00571	.00037	.00413	.00030	-.00158	-.01589	-.00011	.00134	.00014

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.996	-5.786	-5.92460	-3.89130	1.14950	-.20120	.09110	.03360	.09640	.00020	-.01440	.09400
-3.990	-3.848	-4.00280	-3.91470	1.15110	-.18910	.09260	.02920	.06230	.00000	-.01080	.09070
-3.798	.257	.09750	-3.86480	1.15090	-.15520	.09430	.01550	-.00710	-.00050	-.00160	.09010
-3.727	4.024	3.96000	-3.88730	1.15160	-.15090	.09570	.01760	-.06480	-.00090	.00380	.09200
-3.736	6.044	6.01200	-3.90750	1.14790	-.15130	.09380	.01990	-.09890	-.00120	.00750	.09310
	GRADIENT	1.01141	.00361	.00006	.00490	.00039	-.00150	-.01616	-.00011	.00186	.00016

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-.129	-6.595	-6.65840	.03350	1.14850	-.14030	.09150	.05230	.11810	.00010	-.01840	.09110
-.106	-4.470	-4.53300	.05390	1.15180	-.12800	.09290	.04780	.07850	-.00020	-.01410	.08750
-.141	-.265	-.32820	.02020	1.15100	-.09690	.09480	.02930	.00970	-.00060	-.00540	.08680
-.125	3.903	3.84010	.03800	1.14810	-.09470	.09470	.03120	-.05690	-.00090	.00450	.08850
-.111	6.012	5.94880	.05090	1.14940	-.09770	.09370	.03510	-.09160	-.00110	.00720	.09080
	GRADIENT	.99998	-.00191	-.00044	.00398	.00022	-.00199	-.01617	-.00008	.00222	.00012

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.639	-5.969	-6.00670	4.47050	1.15080	-.05800	.09140	.06780	.10900	-.00010	-.01450	.08710
4.591	-3.946	-4.01660	4.43140	1.14820	-.04570	.09130	.06040	.07370	-.00030	-.01300	.08450
4.519	.162	.00050	4.45560	1.14910	-.03020	.09130	.04880	.00110	-.00050	-.00150	.08180
4.335	4.209	4.05020	4.40380	1.15030	-.03560	.09120	.05080	-.06870	-.00070	.00800	.08480
4.262	6.133	5.99100	4.36050	1.15180	-.03850	.09070	.05380	-.10060	-.00090	.01050	.08730
	GRADIENT	.98914	-.00336	.00026	.00124	-.00001	-.00118	-.01746	-.00005	.00258	.00004

IA183,AEDC PWT 16TF-519 O T S (TS-S) (R8PT19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.908	-5.910	-6.00010	-7.90450	1.24900	-.28020	.09620	.02740	.09330	.00030	-.00810	.09370
-7.927	-3.908	-3.99780	-7.94090	1.24860	-.26890	.09730	.02270	.04930	-.00010	-.00050	.09160
-7.919	.066	-.00430	-7.97320	1.25100	-.24590	.09950	.01000	-.00490	-.00050	-.00170	.09070
-7.920	4.030	3.99050	-8.00220	1.24810	-.24260	.10090	.01050	-.06030	-.00090	-.00030	.09080
-7.896	6.020	5.99770	-7.98320	1.24940	-.24070	.10040	.01100	-.09580	-.00120	.00340	.09210
	GRADIENT	1.00636	-.00772	-.00006	.00331	.00045	-.00154	-.01381	-.00010	.00003	-.00010

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.898	-5.926	-6.00080	-3.86700	1.25070	-.20030	.09820	.04000	.10200	.00020	-.01340	.08900
-3.824	-3.892	-3.98060	-3.80790	1.24900	-.18730	.09920	.03540	.06270	-.00010	-.00770	.08700
-3.803	.060	-.01050	-3.85660	1.25030	-.16060	.10180	.02110	-.00050	-.00050	-.00130	.08460
-3.743	3.968	3.96050	-3.83100	1.25130	-.15780	.10320	.02230	-.05910	-.00080	.00270	.08580
-3.745	5.911	5.92000	-3.83270	1.25080	-.15550	.10260	.02270	-.09190	-.00110	.00520	.08690
	GRADIENT	1.01029	-.00296	.00029	.00376	.00051	-.00167	-.01550	-.00009	.00132	-.00015

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.056	-6.611	-6.66530	.12960	1.24710	-.13960	.09860	.06190	.11350	.00000	-.01620	.08600
.081	-4.491	-4.54450	.15090	1.25130	-.12640	.09910	.05650	.07480	-.00020	-.01200	.08260
.073	-.275	-.32880	.14290	1.25130	-.09870	.10010	.04110	.00870	-.00060	-.00490	.08100
.087	3.912	3.85840	.15590	1.25210	-.09570	.10030	.04250	-.05390	-.00080	.00240	.08320
.080	6.021	5.96740	.15140	1.24940	-.09540	.10010	.04370	-.08910	-.00100	.00580	.08400
	GRADIENT	1.00001	.00059	.00010	.00366	.00014	-.00167	-.01532	-.00007	.00171	.00007

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATU	ALFATU	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.635	-6.056	-6.05180	4.54470	1.24910	-.06910	.09670	.07740	.10840	-.00010	-.01140	.08190
4.603	-4.041	-4.05290	4.51600	1.25120	-.05590	.09730	.06960	.07520	-.00030	-.01100	.07910
4.575	.073	-.00030	4.52090	1.24790	-.03370	.09720	.05490	.01030	-.00040	-.00510	.07550
4.444	4.123	4.03310	4.45710	1.24860	-.03560	.09610	.05880	-.05830	-.00060	.00400	.07940
4.391	6.100	6.01400	4.42140	1.24840	-.03860	.09550	.06140	-.09550	-.00080	.00880	.08150
	GRADIENT	.99042	-.00719	-.00032	.00249	-.00015	-.00133	-.01635	-.00004	.00184	.00003

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-7.790	-.37540	-.35460	-.35340	-.37190	-.38330	-.44770	-.39710	-.39930
.600	-5.782	-.36040	-.34210	-.33950	-.35740	-.36480	-.42960	-.37890	-.37920
.601	-3.730	-.34900	-.32740	-.33060	-.34770	-.35060	-.41130	-.36320	-.36980
.599	-1.691	-.34360	-.31180	-.32530	-.34370	-.34470	-.40770	-.36190	-.36610
.600	.311	-.33700	-.30930	-.32050	-.33650	-.33650	-.39580	-.35850	-.35850
.600	2.383	-.32370	-.29500	-.31070	-.32030	-.32100	-.37770	-.35280	-.35320
.599	4.402	-.32170	-.29620	-.30170	-.31510	-.32440	-.39610	-.35700	-.35110
.600	6.452	-.31770	-.28900	-.29390	-.30920	-.32400	-.40480	-.36250	-.35850
.600	8.522	-.31450	-.28280	-.28800	-.30540	-.32370	-.40980	-.36890	-.36840
	GRADIENT	.00367	.00390	.00356	.00436	00374	.00297	.00106	.00247

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.900	-7.898	-.41330	-.37030	-.40070	-.40840	-.42560	-.46430	-.39890	-.39540
.898	-5.804	-.39640	-.35740	-.38330	-.39410	-.40760	-.44460	-.37970	-.36860
.901	-3.849	-.38030	-.34330	-.36800	-.37910	-.39020	-.42500	-.36460	-.35610
.900	-1.816	-.35280	-.31540	-.34600	-.34930	-.35540	-.38840	-.35140	-.35190
.898	.266	-.33800	-.29220	-.33290	-.33710	-.33760	-.36980	-.34950	-.34820
.899	2.310	-.33770	-.28660	-.33380	-.33670	-.33730	-.36740	-.34750	-.35440
.900	4.373	-.33390	-.29050	-.32960	-.33250	-.33430	-.36260	-.35360	-.36640
.900	6.377	-.32700	-.29100	-.32160	-.32620	-.33070	-.35430	-.37540	-.37190
.900	8.432	-.33000	-.29030	-.32340	-.32660	-.33290	-.36530	-.38850	-.38810
	GRADIENT	.00524	.00653	.00432	.00514	.00631	.00708	.00126	-.00112

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.949	-7.976	-.42520	-.39920	-.41720	-.41630	-.42670	-.46800	-.42620	-.42270
.950	-5.934	-.41170	-.38250	-.40080	-.40450	-.41490	-.46130	-.41480	-.41170
.953	-3.782	-.40410	-.36680	-.39040	-.39860	-.41250	-.45940	-.39770	-.39830
.950	-1.763	-.39180	-.36010	-.38010	-.38560	-.39880	-.44130	-.38520	-.38640
.952	.304	-.37620	-.34270	-.36870	-.37010	-.37800	-.41610	-.38050	-.38150
.950	2.317	-.36440	-.31470	-.36000	-.36270	-.36400	-.39630	-.38360	-.38950
.948	4.377	-.35690	-.30990	-.35250	-.35600	-.35720	-.38610	-.38610	-.39680
.949	6.405	-.35670	-.31910	-.35100	-.35600	-.35810	-.38630	-.40060	-.40390
.948	8.395	-.35960	-.31590	-.35290	-.35840	-.36160	-.39460	-.41570	-.41830
	GRADIENT	.00597	.00780	.00470	.00530	.00713	.00939	.00121	-.00001

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8P801) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.100	-7.993	-.45650	-.42500	-.43210	-.45450	-.47680	-.53000	-.52770	-.53760
1.099	-5.947	-.44350	-.40790	-.41820	-.44160	-.46320	-.52180	-.51720	-.51780
1.102	-3.790	-.42190	-.38570	-.39850	-.41940	-.43900	-.49690	-.50610	-.50310
1.099	-1.737	-.40970	-.37430	-.38700	-.40760	-.42600	-.48220	-.49060	-.49930
1.099	.294	-.40660	-.37310	-.38050	-.40670	-.42670	-.48330	-.48360	-.49410
1.099	2.360	-.38980	-.33830	-.37070	-.39220	-.40530	-.45200	-.48930	-.48690
1.100	4.431	-.37930	-.33120	-.36130	-.37910	-.39100	-.44200	-.49150	-.48840
1.101	6.445	-.37010	-.32530	-.35280	-.36970	-.38110	-.43030	-.49690	-.49760
1.102	8.436	-.36800	-.32620	-.34530	-.37120	-.38110	-.43740	-.51230	-.51690
	GRADIENT	.00512	.00706	.00442	.00468	00569	.00682	.00148	.00203

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-9.314	-.40890	-.38070	-.38790	-.40270	-.42900	-.47690	-.48100	-.48500
1.251	-7.029	-.39650	-.36350	-.37470	-.39080	-.41930	-.46660	-.47050	-.46640
1.251	-4.676	-.38130	-.34750	-.35970	-.37390	-.40030	-.45490	-.45860	-.45360
1.249	-2.306	-.36640	-.33030	-.34750	-.35870	-.37820	-.43740	-.44690	-.45060
1.249	-.141	-.35690	-.31890	-.34050	-.34710	-.37080	-.42290	-.44000	-.44690
1.249	2.098	-.35090	-.30880	-.33560	-.34170	-.36230	-.41550	-.44000	-.43820
1.251	4.310	-.33720	-.28120	-.32440	-.32780	-.34850	-.39890	-.44120	-.43480
1.252	6.392	-.33080	-.27550	-.31800	-.32080	-.34460	-.39170	-.44670	-.44560
1.250	8.627	-.32610	-.27870	-.31060	-.31700	-.33660	-.39310	-.46080	-.46520
	GRADIENT	.00462	.00686	.00367	.00486	.00532	.00596	.00186	.00222

IA183.AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB02) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.601	-8.597	-.37920	-.35640	-.35860	-.37370	-.38740	-.45020	-.40490	-.40690
.601	-4.347	-.35050	-.33010	-.33130	-.34920	-.35310	-.41460	-.36660	-.37110
.600	-2.294	-.34430	-.31970	-.32650	-.34440	-.34580	-.40420	-.36540	-.36970
.600	-.072	-.33790	-.31240	-.32130	-.33710	-.33750	-.39690	-.35990	-.36150
.600	2.000	-.32730	-.29590	-.31510	-.32550	-.32550	-.37750	-.35570	-.35580
.600	4.098	-.32060	-.29320	-.30140	-.31460	-.32390	-.39240	-.35860	-.35170
.599	8.382	-.31550	-.28310	-.28910	-.30680	-.32580	-.40970	-.37260	-.36940
	GRADIENT	.00362	.00460	.00336	.00416	.00372	.00336	.00122	.00249

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.099	-7.956	-.45570	-.42360	-.43120	-.45380	-.47650	-.52980	-.52690	-.53700
1.102	-5.904	-.44170	-.40630	-.41630	-.43980	-.46150	-.51990	-.51660	-.51590
1.099	-3.797	-.42470	-.38830	-.40090	-.42200	-.44230	-.50080	-.50640	-.50330
1.102	-1.781	-.40770	-.37200	-.38510	-.40570	-.42420	-.48000	-.49240	-.49780
1.101	.308	-.40510	-.37120	-.37930	-.40510	-.42500	-.48140	-.48470	-.49320
1.099	2.374	-.39070	-.34020	-.37120	-.39290	-.40640	-.45330	-.49040	-.48740
1.098	4.428	-.37890	-.33160	-.36080	-.37900	-.39080	-.44170	-.49180	-.48890
1.099	6.389	-.37010	-.32570	-.35260	-.36990	-.38120	-.43060	-.49790	-.49810
1.099	8.481	-.36790	-.32500	-.34470	-.37150	-.38190	-.43870	-.51230	-.51930
	GRADIENT	.00527	.00705	.00456	.00479	.00586	.00703	.00151	.00190

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-9.275	-.40910	-.38100	-.38820	-.40280	-.42980	-.47690	-.48100	-.48500
1.250	-6.956	-.39590	-.36280	-.37400	-.39010	-.41350	-.46610	-.46970	-.46510
1.248	-4.697	-.38270	-.34840	-.36120	-.37540	-.40120	-.45630	-.45850	-.45510
1.249	-2.451	-.36830	-.33210	-.34960	-.36050	-.37990	-.43890	-.44790	-.45300
1.251	-.134	-.35710	-.31970	-.34080	-.34740	-.37060	-.42260	-.44030	-.44630
1.252	2.137	-.34980	-.30880	-.33420	-.34040	-.36140	-.41490	-.43850	-.43670
1.251	4.254	-.33700	-.28190	-.32410	-.32730	-.34830	-.39920	-.44000	-.43410
1.250	6.420	-.33280	-.27760	-.31990	-.32290	-.34660	-.39380	-.44760	-.44610
1.249	8.625	-.32720	-.27920	-.31210	-.31800	-.33750	-.39400	-.46220	-.46700
	GRADIENT	.00488	.00693	.00398	.00517	.00553	.00614	.00208	.00260

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-7.965	-.40260	-.37210	-.38050	-.39730	-.42920	-.46950	-.47480	-.47290
1.251	-5.896	-.38930	-.35770	-.36750	-.38350	-.41130	-.45910	-.46250	-.45670
1.250	-3.748	-.37420	-.34050	-.35330	-.36620	-.38970	-.44880	-.45110	-.44990
1.249	-1.690	-.36190	-.32660	-.34480	-.35430	-.37350	-.42720	-.44150	-.44920
1.253	.382	-.35510	-.31850	-.33870	-.34540	-.36880	-.42010	-.43770	-.44320
1.249	2.495	-.34570	-.30050	-.33050	-.33750	-.35650	-.41010	-.43550	-.43460
1.253	4.482	-.33330	-.28090	-.32210	-.32400	-.34270	-.39050	-.43820	-.43540
1.249	6.503	-.32810	-.27210	-.31600	-.31890	-.34160	-.38660	-.44730	-.44860
1.248	8.539	-.32710	-.28230	-.31150	-.31950	-.33770	-.39160	-.46070	-.46800
	GRADIENT	.00474	.00703	.00371	.00490	00537	.00647	.00154	.00212

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.102	-7.956	-.45480	-.42410	-.43110	-.45170	-.47470	-.52790	-.52830	-.53690
1.098	-5.936	-.44370	-.40800	-.41810	-.44260	-.46340	-.52130	-.51590	-.51840
1.100	-3.856	-.42350	-.38670	-.39990	-.42120	-.44090	-.49840	-.50670	-.50310
1.098	-1.776	-.41070	-.37540	-.38780	-.40830	-.42760	-.48370	-.49170	-.49950
1.099	.276	-.40700	-.37380	-.38070	-.40720	-.42750	-.48390	-.48310	-.49450
1.102	2.395	-.38760	-.33500	-.36860	-.38990	-.40340	-.44930	-.48910	-.48560
1.102	4.413	-.37870	-.33130	-.36070	-.37880	-.39070	-.44090	-.49070	-.48770
1.100	6.409	-.37000	-.32540	-.35270	-.36970	-.38090	-.43000	-.49780	-.49850
1.101	8.434	-.36530	-.32630	-.34520	-.36840	-.37350	-.42910	-.51130	-.51650
	GRADIENT	.00545	.00731	.00471	.00499	.00602	.00722	.00167	.00216

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.249	-9.274	-.40940	-.38160	-.38840	-.40300	-.43000	-.47740	-.48140	-.48550
1.250	-6.979	-.39420	-.36130	-.37290	-.38850	-.41400	-.46370	-.46990	-.46530
1.251	-4.685	-.38160	-.34790	-.36040	-.37430	-.39980	-.45440	-.45800	-.45410
1.249	-2.465	-.36770	-.33150	-.34930	-.35980	-.37940	-.43770	-.44740	-.45260
1.249	-.103	-.35630	-.31880	-.33990	-.34660	-.37020	-.42160	-.43940	-.44560
1.251	2.087	-.34910	-.30820	-.33370	-.33990	-.36060	-.41360	-.43800	-.43650
1.252	4.295	-.33630	-.28100	-.32390	-.32670	-.34740	-.39700	-.44030	-.43410
1.251	6.379	-.33210	-.27620	-.31930	-.32230	-.34600	-.39300	-.44780	-.44600
1.250	8.627	-.32730	-.28000	-.31200	-.31630	-.33770	-.39390	-.46210	-.46690
	GRADIENT	.00485	.00697	.00394	.00512	00549	.00617	.00200	.00249

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.098	-7.959	-.45540	-.42400	-.43120	-.45300	-.47580	-.52940	-.52770	-.53680
1.100	-5.934	-.44220	-.40670	-.41680	-.44050	-.46190	-.52010	-.51630	-.51650
1.102	-3.946	-.42270	-.38600	-.39920	-.42010	-.44010	-.49770	-.50590	-.50310
1.099	-1.769	-.40960	-.37450	-.38680	-.40720	-.42620	-.48240	-.49060	-.49910
1.102	.281	-.40510	-.37140	-.37920	-.40530	-.42550	-.48110	-.48430	-.49210
1.101	2.396	-.38810	-.33580	-.36900	-.39050	-.40410	-.44970	-.48910	-.48540
1.100	4.400	-.37910	-.33110	-.36120	-.37900	-.39120	-.44130	-.49210	-.48780
1.102	6.411	-.37010	-.32550	-.35340	-.36940	-.38030	-.42930	-.49710	-.49760
1.099	8.485	-.36580	-.32660	-.34580	-.36860	-.37400	-.42960	-.51200	-.51720
	GRADIENT	.00526	.00720	.00454	.00479	.00581	.00705	.00141	.00215

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.249	-9.246	-.41010	-.38210	-.38910	-.40360	-.43080	-.47810	-.48120	-.48600
1.249	-6.982	-.39460	-.36190	-.37320	-.38890	-.41490	-.46440	-.46960	-.46540
1.252	-4.691	-.38000	-.34670	-.35900	-.37280	-.39810	-.45240	-.45790	-.45290
1.251	-2.468	-.36680	-.33070	-.34810	-.35910	-.37860	-.43730	-.44740	-.45150
1.249	-.141	-.35740	-.31950	-.34120	-.34750	-.37130	-.42280	-.44010	-.44700
1.249	2.140	-.34970	-.30730	-.33440	-.34060	-.36090	-.41440	-.43910	-.43710
1.250	4.266	-.33610	-.28000	-.32380	-.32630	-.34700	-.39720	-.44070	-.43420
1.251	6.383	-.33040	-.27440	-.31770	-.32060	-.34430	-.39130	-.44800	-.44610
1.251	8.629	-.32630	-.27810	-.31120	-.31090	-.33680	-.39290	-.46150	-.46620
	GRADIENT	.00465	.00694	.00373	.00495	00532	.00591	.00191	.00230

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-8.257	-.37660	-.35620	-.35310	-.37590	-.38740	-.44770	-.40590	-.40270
.600	-6.131	-.35900	-.34220	-.33540	-.35930	-.36730	-.42940	-.38650	-.38200
.600	-3.988	-.34550	-.32800	-.32320	-.34770	-.35130	-.41120	-.37070	-.36820
.600	-1.844	-.33790	-.31970	-.31550	-.34190	-.34340	-.40230	-.36970	-.36760
.601	.239	-.33060	-.31350	-.30810	-.33520	-.33560	-.39420	-.36230	-.36020
.600	2.368	-.32580	-.30260	-.30420	-.33110	-.33170	-.38750	-.36010	-.35740
.599	4.488	-.32340	-.29800	-.29510	-.32180	-.33420	-.41180	-.35670	-.35360
.601	6.633	-.31950	-.28950	-.28820	-.31780	-.33250	-.41700	-.36680	-.36060
.600	8.767	-.31700	-.28200	-.28380	-.31520	-.33140	-.42130	-.37550	-.36830
	GRADIENT	.00266	.00364	.00319	.00296	.00217	.00064	.00177	.00186

IA183.AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.899	-8.504	-.41290	-.36850	-.39720	-.41210	-.43030	-.46500	-.41180	-.41070
.899	-6.268	-.39340	-.35110	-.37830	-.39530	-.40920	-.44100	-.39070	-.38680
.899	-4.091	-.37620	-.33070	-.36300	-.38000	-.38770	-.41720	-.37150	-.36430
.901	-1.940	-.35010	-.31830	-.33940	-.35080	-.35680	-.38780	-.35690	-.35580
.901	.241	-.33930	-.30650	-.32910	-.34100	-.34370	-.37570	-.35570	-.35110
.901	2.410	-.33620	-.29780	-.32680	-.33930	-.34130	-.37010	-.35650	-.35760
.901	4.587	-.32860	-.29270	-.31960	-.33140	-.33290	-.36140	-.36400	-.36700
.901	6.749	-.32390	-.28900	-.31430	-.32660	-.32980	-.35700	-.38760	-.37650
.902	8.947	-.33080	-.29420	-.32000	-.33160	-.33740	-.37010	-.39790	-.39220
	GRADIENT	.00502	.00500	.00458	.00501	00576	.00595	.00071	-.00033

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.097	-8.801	-.46460	-.43530	-.44360	-.46150	-.47960	-.53190	-.55240	-.54280
1.098	-6.529	-.44980	-.41560	-.42620	-.44930	-.46710	-.52190	-.52940	-.51850
1.098	-4.261	-.42880	-.38800	-.40660	-.42740	-.44590	-.50050	-.51810	-.50210
1.101	-1.984	-.41060	-.37290	-.39020	-.40640	-.42320	-.48190	-.50250	-.49270
1.101	.249	-.40440	-.36930	-.38210	-.40170	-.41880	-.47750	-.49590	-.48890
1.103	2.493	-.38920	-.34630	-.37170	-.38930	-.39910	-.44930	-.49750	-.48550
1.102	4.663	-.37640	-.33210	-.36090	-.37480	-.38210	-.43590	-.50010	-.49040
1.102	6.793	-.37000	-.32760	-.35480	-.36720	-.37370	-.43100	-.50270	-.50130
1.101	8.977	-.37230	-.33280	-.35570	-.37350	-.37290	-.43250	-.51730	-.51940
	GRADIENT	.00565	.00620	.00492	.00548	.00679	.00725	.00185	.00138

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-8.831	-.40630	-.37680	-.38270	-.40260	-.43090	-.47640	-.48580	-.48580
1.251	-6.520	-.39410	-.36010	-.37060	-.38930	-.41920	-.46650	-.47650	-.46810
1.251	-4.186	-.37770	-.34250	-.35530	-.37080	-.39550	-.45420	-.46410	-.45620
1.249	-1.949	-.36610	-.32910	-.34570	-.35960	-.37940	-.43970	-.45360	-.45120
1.249	.337	-.35710	-.31990	-.33760	-.34780	-.37290	-.42980	-.44040	-.44440
1.249	2.609	-.34960	-.30990	-.33160	-.34120	-.36380	-.41880	-.43790	-.43970
1.250	4.748	-.33790	-.28600	-.32550	-.32640	-.34940	-.39960	-.43960	-.43800
1.251	6.916	-.33360	-.27970	-.32040	-.32160	-.34810	-.39750	-.44780	-.44830
1.250	9.104	-.33060	-.28940	-.31440	-.32170	-.34030	-.39790	-.46210	-.46810
	GRADIENT	.00428	.00588	.00329	.00478	.00480	.00579	.00290	.00214

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.248	-8.801	-.40790	-.37960	-.38450	-.40390	-.43420	-.47690	-.48530	-.48850
1.247	-6.519	-.39540	-.36310	-.37200	-.39060	-.41920	-.46810	-.47620	-.46900
1.249	-4.219	-.37690	-.34290	-.35500	-.37070	-.39350	-.45150	-.46610	-.45640
1.250	-1.922	-.36520	-.32980	-.34490	-.35920	-.37880	-.43670	-.45280	-.44980
1.249	.357	-.35830	-.32300	-.33860	-.34930	-.37490	-.43030	-.44150	-.44510
1.251	2.624	-.34860	-.30960	-.33070	-.34020	-.36270	-.41690	-.43860	-.43830
1.249	4.760	-.34010	-.29180	-.32760	-.32930	-.35010	-.40140	-.44170	-.44090
1.251	6.941	-.33290	-.28450	-.31960	-.31990	-.34360	-.39840	-.44990	-.45160
1.248	9.085	-.33340	-.29380	-.31730	-.32480	-.34330	-.39970	-.46570	-.47030
	GRADIENT	.00401	.00543	.00307	.00452	00457	.00533	.00282	.00190

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.549	-3.706	-.29480	-.27010	-.28030	-.29210	-.31580	-.33760	-.35430	-.36450
1.549	-1.438	-.28130	-.25680	-.26920	-.27700	-.29430	-.32350	-.34790	-.36050
1.550	-.277	-.27580	-.25210	-.26510	-.27200	-.29050	-.31200	-.34960	-.36140
1.550	.886	-.27310	-.25020	-.26200	-.26890	-.29090	-.30860	-.35160	-.36060
1.549	3.150	-.26860	-.24150	-.25540	-.26570	-.28720	-.30960	-.35600	-.36140
1.550	5.341	-.27900	-.25420	-.26890	-.27240	-.29300	-.31780	-.35750	-.36290
1.550	6.422	-.27850	-.25400	-.26850	-.27160	-.29050	-.31810	-.36310	-.36460
	GRADIENT	.00379	.00403	.00358	.00381	.00389	.00432	-.00039	.00040

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.550	-6.332	-.31700	-.29410	-.29920	-.31850	-.34120	-.36150	-.37630	-.37110
1.550	-4.078	-.30290	-.27830	-.28650	-.30170	-.32520	-.34870	-.36810	-.36350
1.550	-1.794	-.29130	-.26260	-.27750	-.28840	-.30760	-.33650	-.36520	-.35800
1.550	.524	-.28180	-.25330	-.27050	-.27760	-.29980	-.31960	-.36110	-.35370
1.550	2.824	-.27340	-.24560	-.25980	-.27080	-.29330	-.31470	-.36260	-.35340
1.549	4.993	-.27700	-.25280	-.26690	-.27000	-.29060	-.31620	-.36520	-.35460
1.552	6.090	-.27700	-.25130	-.26750	-.26950	-.28980	-.31590	-.36930	-.35770
	GRADIENT	.00308	.00301	.00251	.00357	.00368	.00383	.00038	.00099

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.600	-6.416	-.34870	-.33460	-.33290	-.35270	-.34700	-.39620	-.42450	-.30700
.600	-4.355	-.33540	-.32100	-.31860	-.34090	-.33510	-.38310	-.40890	-.32110
.600	-.232	-.33440	-.32020	-.31320	-.33860	-.33660	-.39570	-.37010	-.36400
.601	3.878	-.33770	-.30990	-.32280	-.33640	-.33650	-.39390	-.32630	-.39800
.600	5.945	-.34570	-.30900	-.33400	-.34230	-.34170	-.39920	-.31140	-.41720
	GRADIENT	-.00028	.00135	-.00051	.00055	-.00017	-.00131	.01003	-.00934

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.900	-6.541	-.37900	-.35590	-.36120	-.38980	-.39410	-.41710	-.42560	-.31730
.899	-4.447	-.36640	-.34310	-.35010	-.37640	-.37850	-.40310	-.40020	-.32410
.901	-.274	-.34000	-.31000	-.33180	-.34130	-.34350	-.37060	-.35790	-.35310
.900	3.877	-.35110	-.31640	-.34160	-.35850	-.35340	-.38030	-.32880	-.38670
.900	5.966	-.36500	-.32990	-.35100	-.37700	-.37240	-.39860	-.31820	-.41150
	GRADIENT	.00184	.00321	.00102	.00216	.00302	.0027[illegible]	.00858	-.00752

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.949	-6.553	-.39840	-.37230	-.38050	-.40570	-.41260	-.44280	-.45660	-.32460
.949	-4.459	-.38900	-.36270	-.36970	-.39820	-.40450	-.43410	-.43460	-.33830
.950	-.278	-.37540	-.35710	-.36490	-.37330	-.37960	-.41290	-.38810	-.38100
.950	3.884	-.38380	-.34860	-.37030	-.39160	-.39350	-.42020	-.35180	-.42800
.950	5.975	-.39600	-.36340	-.37790	-.40670	-.41190	-.43810	-.32330	-.44520
	GRADIENT	.00063	.00169	-.00007	.00080	.00132	.00167	.00993	-.01075

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.101	-6.583	-.42520	-.39670	-.40470	-.42360	-.44140	-.48830	-.54530	-.41540
1.098	-4.465	-.40950	-.38220	-.38780	-.40830	-.42700	-.47440	-.53460	-.43450
1.097	-.264	-.40580	-.37270	-.38380	-.40660	-.41710	-.47430	-.49800	-.48950
1.099	3.897	-.41320	-.37630	-.39140	-.41650	-.43060	-.47600	-.44660	-.53640
1.101	6.006	-.41960	-.38630	-.39910	-.42600	-.43610	-.47400	-.41730	-.54180
	GRADIENT	-.00044	.00071	-.00043	-.00098	-.00043	-.00019	.01052	-.01219

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.148	-6.595	-.40540	-.37890	-.38680	-.40180	-.41450	-.46840	-.51490	-.38770
1.152	-4.470	-.38910	-.36230	-.37050	-.38540	-.39990	-.45160	-.50280	-.41050
1.151	-.265	-.38600	-.34950	-.36520	-.38440	-.40000	-.45370	-.47170	-.46690
1.148	3.903	-.39380	-.35310	-.37340	-.39460	-.41200	-.45620	-.41530	-.50610
1.149	6.012	-.40360	-.36340	-.38250	-.40200	-.43030	-.46650	-.39050	-.51820
	GRADIENT	-.00056	.00110	-.00034	-.00110	-.00144	-.00055	.01045	-.01142

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.247	-6.611	-.38260	-.35930	-.36460	-.37850	-.38930	-.44480	-.48510	-.37110
1.251	-4.491	-.36740	-.34220	-.35150	-.35980	-.37360	-.42940	-.47550	-.39040
1.251	-.275	-.36010	-.32440	-.34000	-.35320	-.37770	-.43000	-.44800	-.44400
1.252	3.912	-.37010	-.33320	-.35580	-.36270	-.38150	-.42770	-.39660	-.48240
1.249	6.021	-.37350	-.34050	-.35440	-.37260	-.39100	-.43210	-.37560	-.49460
	GRADIENT	-.00032	.00107	-.00051	-.00034	-.00094	.00020	.00939	-.01095

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-6.420	-.35180	-.33620	-.33720	-.35440	-.34930	-.39830	-.42380	-.30270
.600	-4.333	-.33970	-.32360	-.32400	-.34280	-.33920	-.38810	-.41080	-.31800
.600	-2.277	-.34310	-.31080	-.32620	-.34890	-.34280	-.39680	-.38580	-.33990
.600	-.220	-.33780	-.31920	-.31690	-.34160	-.34000	-.40030	-.37030	-.36170
.600	1.837	-.33770	-.31520	-.32030	-.33730	-.33790	-.39700	-.34800	-.37880
.600	3.894	-.34230	-.30810	-.32920	-.33840	-.34000	-.39880	-.32600	-.39730
.600	5.948	-.34990	-.30690	-.33980	-.34460	-.34450	-.40420	-.30950	-.41380
	GRADIENT	.00001	.00129	-.00022	.00099	.00016	-.00105	.01008	-.00960

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.900	-6.544	-.37970	-.35580	-.36240	-.38960	-.39390	-.41840	-.42460	-.31390
.900	-4.445	-.36470	-.34030	-.34880	-.37280	-.37670	-.40250	-.39940	-.31950
.900	-2.351	-.34240	-.31680	-.32840	-.34830	-.35230	-.37970	-.37720	-.33800
.899	-.284	-.34060	-.30960	-.33290	-.34070	-.34390	-.37150	-.35720	-.35330
.899	1.793	-.34700	-.30630	-.34080	-.35080	-.34700	-.37430	-.34280	-.35890
.899	3.879	-.35220	-.31690	-.34280	-.35910	-.35500	-.38180	-.32930	-.38240
.900	5.959	-.36470	-.32920	-.35140	-.37540	-.37170	-.39830	-.31390	-.40920
	GRADIENT	.00098	.00276	-.00002	.00120	.00234	.00225	.00840	-.00706

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-5.953	-.34390	-.32970	-.32990	-.34470	-.34170	-.39070	-.41710	-.30090
.599	-3.883	-.33180	-.31930	-.31590	-.33360	-.33190	-.38090	-.40120	-.31630
.599	-1.812	-.33930	-.30150	-.32230	-.34360	-.33860	-.39730	-.37570	-.33950
.600	.231	-.33250	-.31330	-.31140	-.33470	-.33410	-.39810	-.35700	-.35970
.600	2.287	-.32640	-.30730	-.30890	-.32540	-.32680	-.38590	-.33370	-.37600
.599	4.341	-.32970	-.30290	-.31440	-.32870	-.32910	-.38590	-.31500	-.39680
.601	6.416	-.33660	-.31080	-.32280	-.33470	-.33450	-.38990	-.30290	-.41160
	GRADIENT	.00083	.00132	.00080	.00136	.00085	.00007	.01044	-.00961

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.899	-5.983	-.36920	-.34080	-.35490	-.37400	-.38270	-.40740	-.41010	-.31460
.899	-3.900	-.34920	-.32120	-.33530	-.35440	-.36340	-.38500	-.38610	-.32210
.899	-1.808	-.33390	-.30390	-.32370	-.33630	-.34000	-.36750	-.36940	-.33880
.900	.288	-.33700	-.29780	-.32920	-.33860	-.33680	-.37160	-.34850	-.34870
.901	2.359	-.34460	-.30340	-.33890	-.34690	-.34230	-.37320	-.33620	-.35980
.901	4.432	-.35280	-.31970	-.34280	-.35930	-.35680	-.38330	-.32300	-.38830
.900	6.537	-.36310	-.32830	-.35030	-.37510	-.37240	-.39230	-.31440	-.41760
	GRADIENT	-.00085	.00018	-.00145	-.00097	.00053	-.00011	.00765	-.00736

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.097	-6.029	-.42000	-.38080	-.39710	-.41650	-.43840	-.49480	-.53890	-.41700
1.098	-3.900	-.40540	-.36810	-.38270	-.40210	-.42390	-.47880	-.52400	-.43960
1.100	-1.802	-.39650	-.36210	-.37560	-.39320	-.41370	-.46470	-.50830	-.46940
1.102	.284	-.40520	-.36740	-.37980	-.40560	-.42380	-.46180	-.48010	-.49110
1.100	2.392	-.39940	-.35880	-.37950	-.39810	-.41260	-.46600	-.45420	-.51890
1.103	4.458	-.40780	-.36900	-.38870	-.40580	-.42010	-.47270	-.43370	-.53000
1.098	6.574	-.41980	-.38050	-.39960	-.41950	-.43700	-.48360	-.40970	-.54330
	GRADIENT	-.00037	.00008	-.00076	-.00059	.00042	.00052	.01123	-.01102

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB12) (02 MAY 80)

REFFRENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.248	-6.041	-.38000	-.34710	-.35490	-.38190	-.39690	-.45360	-.47860	-.37300
1.249	-3.927	-.36690	-.33320	-.34490	-.36470	-.38190	-.43730	-.46980	-.39360
1.250	-1.797	-.35860	-.31940	-.34070	-.35350	-.37210	-.42360	-.45810	-.42220
1.250	.290	-.35400	-.31500	-.33580	-.34590	-.36810	-.42350	-.43280	-.44610
1.252	2.400	-.35400	-.31790	-.33800	-.34870	-.36780	-.41180	-.40330	-.46460
1.251	4.483	-.36060	-.32420	-.34480	-.35620	-.37230	-.41860	-.38420	-.47960
1.250	6.607	-.37160	-.33980	-.35130	-.37520	-.39090	-.42670	-.36490	-.48800
	GRADIENT	.00082	.00093	.00014	.00104	.00112	.00235	.01075	-.01021

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.831	-5.806	-.39190	-.36460	-.37420	-.38870	-.39700	-.45460	-.44230	-.33520
-7.849	-3.810	-.38080	-.35250	-.36520	-.37620	-.38610	-.43920	-.42520	-.36770
-7.793	.065	-.37760	-.35430	-.35740	-.37040	-.38590	-.45000	-.39830	-.39810
-7.766	3.986	-.38430	-.33980	-.36930	-.36980	-.39240	-.45720	-.36110	-.41950
-7.791	5.995	-.39310	-.34180	-.37960	-.37690	-.39930	-.46740	-.31930	-.42850
	GRADIENT	-.00045	.00163	-.00053	.00082	-.00081	-.00231	.00822	-.00664

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.855	-5.823	-.36830	-.34860	-.35310	-.36550	-.37080	-.42170	-.42730	-.31180
-3.817	-3.849	-.35680	-.34460	-.34310	-.35250	-.35890	-.40570	-.40910	-.33580
-3.701	.068	-.35390	-.32820	-.33740	-.34880	-.35650	-.41640	-.36700	-.37020
-3.706	3.898	-.35370	-.32100	-.34180	-.34000	-.35330	-.41740	-.33150	-.39860
-3.701	5.846	-.35690	-.32280	-.34420	-.34350	-.35780	-.42260	-.30660	-.41710
	GRADIENT	.00040	.00305	.00017	.00161	.00072	-.00151	.01002	-.00811

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-.017	-6.416	-.34870	-.33460	-.33290	-.35270	-.34700	-.39620	-.42450	-.30700
-.001	-4.355	-.33540	-.32100	-.31860	-.34090	-.33510	-.38310	-.40890	-.32110
.013	-.232	-.33440	-.32020	-.31320	-.33860	-.33660	-.39570	-.37010	-.36400
.029	3.878	-.33770	-.30990	-.32280	-.33640	-.33650	-.39390	-.32630	-.39800
.033	5.945	-.34570	-.30900	-.33400	-.34230	-.34170	-.39920	-.31140	-.41720
	GRADIENT	-.00028	.00135	-.00051	.00055	-.00017	-.00131	.01003	-.00934

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.432	-6.083	-.32810	-.31010	-.31090	-.32630	-.33610	-.38280	-.40610	-.31980
4.430	-4.071	-.32180	-.30450	-.30300	-.31730	-.32830	-.38510	-.39340	-.32490
4.482	.066	-.32500	-.29430	-.30570	-.31420	-.32960	-.40330	-.35750	-.35070
4.352	4.165	-.32680	-.29990	-.30840	-.31910	-.33090	-.39760	-.33100	-.39160
4.286	6.161	-.33720	-.31060	-.32070	-.32930	-.33820	-.40420	-.32040	-.41230
	GRADIENT	-.00061	.00056	-.00066	-.00022	-.00032	-.00152	.00758	-.00810

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.902	-5.903	-.38710	-.36300	-.36770	-.38840	-.38980	-.44930	-.44150	-.33330
-7.792	-3.796	-.38370	-.34390	-.36430	-.38850	-.38970	-.44490	-.41920	-.37200
-7.788	.056	-.37260	-.35650	-.35080	-.36960	-.37880	-.44300	-.39840	-.39920
-7.725	4.041	-.37810	-.33900	-.36170	-.36850	-.38340	-.44880	-.35850	-.42010
-7.793	5.957	-.38660	-.34050	-.37180	-.37550	-.39010	-.45810	-.31970	-.42770
	GRADIENT	.00070	.00065	.00031	.00254	.00079	-.00050	.00776	-.00613

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.860	-5.813	-.35920	-.34670	-.34250	-.36180	-.35930	-.40960	-.42550	-.31190
-3.767	-3.799	-.34800	-.34170	-.33280	-.34920	-.34770	-.39380	-.40790	-.33900
-3.752	.063	-.34470	-.32640	-.32590	-.34600	-.34520	-.40470	-.36380	-.36930
-3.710	3.896	-.34520	-.31890	-.33060	-.33850	-.34300	-.40670	-.32890	-.39640
-3.717	5.866	-.35010	-.32290	-.33540	-.34280	-.34820	-.41300	-.30500	-.41780
	GRADIENT	.00036	.00296	.00029	.00139	.00061	-.00168	.01027	-.00746

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-.017	-6.416	-.34870	-.33460	-.33290	-.35270	-.34700	-.39620	-.42450	-.30700
-.001	-4.355	-.33540	-.32100	-.31860	-.34090	-.33510	-.38310	-.40890	-.32110
.013	-.232	-.33440	-.32020	-.31320	-.33860	-.33660	-.39570	-.37010	-.36400
.029	3.878	-.33770	-.30990	-.32280	-.33640	-.33650	-.39390	-.32630	-.39800
.033	5.945	-.34570	-.30900	-.33400	-.34230	-.34170	-.39920	-.31140	-.41720
	GRADIENT	-.00028	.00135	-.00051	.00055	-.00017	-.00131	.01003	-.00934

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.440	-6.065	-.31850	-.30710	-.29900	-.32370	-.32400	-.37080	-.40450	-.32040
4.448	-4.098	-.31340	-.30360	-.29240	-.31610	-.31770	-.37350	-.39390	-.32570
4.459	.058	-.31600	-.29210	-.29450	-.31250	-.31780	-.39100	-.35580	-.35260
4.346	4.178	-.31760	-.29630	-.29750	-.31620	-.31880	-.38570	-.32840	-.39320
4.311	6.201	-.32760	-.30630	-.30950	-.32610	-.32570	-.39130	-.31970	-.41430
	GRADIENT	-.00051	.00088	-.00062	-.00001	-.00013	-.00148	.00792	-.00815

IA183.AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.941	-5.806	-.42280	-.39730	-.40320	-.42820	-.44540	-.46960	-.43100	-.32810
-7.889	-3.783	-.41130	-.38740	-.39130	-.41830	-.43350	-.45710	-.41140	-.36620
-7.870	.085	-.41080	-.36910	-.39780	-.40770	-.42110	-.46140	-.40070	-.40010
-7.857	4.001	-.40980	-.36940	-.40050	-.41150	-.41760	-.44400	-.34860	-.39440
-7.850	6.007	-.41890	-.37630	-.40880	-.42490	-.42710	-.45080	-.31470	-.41300
	GRADIENT	.00019	.00231	-.00118	.00087	.00204	.00169	.00808	-.00361

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.923	-5.875	-.39540	-.37440	-.37680	-.40280	-.41740	-.43570	-.42460	-.30790
-3.859	-3.854	-.38020	-.36050	-.36100	-.38910	-.40160	-.42060	-.39680	-.33600
-3.791	.080	-.37560	-.34460	-.36220	-.37760	-.38410	-.41820	-.36350	-.36090
-3.748	3.949	-.37000	-.34080	-.35870	-.37380	-.37550	-.40510	-.32890	-.38520
-3.726	5.886	-.37740	-.34660	-.36700	-.38670	-.38270	-.40370	-.30330	-.40900
	GRADIENT	.00131	.00253	.00029	.00196	.00335	.00198	.00870	-.00631

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-.068	-6.541	-.37900	-.35590	-.36120	-.38980	-.39410	-.41710	-.42560	-.31730
-.058	-4.447	-.36640	-.34310	-.35010	-.37640	-.37850	-.40310	-.40020	-.32410
-.094	-.274	-.34000	-.31000	-.33180	-.34130	-.34350	-.37060	-.35790	-.35310
-.057	3.877	-.35110	-.31640	-.34160	-.35850	-.35340	-.38030	-.32880	-.38670
-.041	5.966	-.36500	-.32990	-.35100	-.37700	-.37240	-.39860	-.31820	-.41150
	GRADIENT	.00184	.00321	.00102	.00216	.00302	.00274	.00858	-.00752

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.475	-6.041	-.35340	-.32010	-.33830	-.36020	-.36590	-.39370	-.42830	-.33470
4.448	-4.020	-.34740	-.31220	-.33140	-.35600	-.36080	-.38810	-.41180	-.34710
4.398	.076	-.33100	-.29220	-.32550	-.33260	-.33030	-.35890	-.35420	-.36900
4.314	4.132	-.33410	-.30490	-.32030	-.34560	-.34280	-.36500	-.34270	-.40280
4.261	6.105	-.34860	-.31740	-.33310	-.36260	-.35900	-.38120	-.32630	-.42170
	GRADIENT	.00164	.00090	.00136	.00128	.00222	.00284	.00849	-.00683

IA183.AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-8.061	-5.843	-.43950	-.41300	-.42240	-.44360	-.45390	-.48560	-.44670	-.34200
-7.990	-3.826	-.42500	-.40000	-.40910	-.43260	-.43560	-.46500	-.43230	-.38360
-7.941	.121	-.42070	-.40210	-.41220	-.41460	-.41940	-.46050	-.42580	-.42620
-7.864	4.055	-.42840	-.39110	-.41680	-.42760	-.43900	-.47010	-.37280	-.41400
-7.851	6.035	-.43970	-.39970	-.42460	-.44430	-.45520	-.48330	-.33240	-.42920
	GRADIENT	-.00043	.00113	-.00098	.00064	-.00043	-.00065	.00755	-.00386

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.966	-5.799	-.41300	-.38870	-.39410	-.41950	-.42690	-.46090	-.44340	-.32830
-3.972	-3.875	-.40020	-.37670	-.38080	-.40720	-.41510	-.44850	-.42650	-.36640
-3.851	.138	-.39890	-.36640	-.38430	-.39710	-.40580	-.45150	-.39650	-.39920
-3.723	3.969	-.39300	-.35810	-.37970	-.39560	-.40320	-.43510	-.35720	-.42060
-3.726	5.936	-.41000	-.37360	-.39310	-.41640	-.42280	-.45700	-.32120	-.43240
	GRADIENT	.00091	.00237	.00013	.00149	.00152	.00169	.00882	-.00692

RUN NO 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-.110	-6.553	-.39840	-.37230	-.38050	-.40570	-.41260	-.44280	-.45660	-.32460
-.093	-4.459	-.38900	-.36270	-.36970	-.39820	-.40450	-.43410	-.43460	-.33830
-.114	-.278	-.37540	-.35710	-.36490	-.37330	-.37960	-.41290	-.38810	-.38100
-.092	3.884	-.38380	-.34860	-.37030	-.39160	-.39350	-.42020	-.35180	-.42800
-.084	5.975	-.39600	-.36340	-.37790	-.40670	-.41190	-.43810	-.32330	-.44520
	GRADIENT	.00063	.00169	-.00007	.00080	.00132	.00167	.00993	-.01075

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.505	-5.986	-.37990	-.34830	-.36350	-.38590	-.38890	-.42640	-.45570	-.35370
4.459	-3.954	-.37010	-.33390	-.35410	-.37600	-.37990	-.41650	-.44470	-.37290
4.420	.125	-.35380	-.31430	-.34770	-.35640	-.35280	-.38250	-.38720	-.40210
4.288	4.172	-.36390	-.33040	-.34900	-.37490	-.37500	-.39930	-.36370	-.44610
4.248	6.120	-.38090	-.34360	-.36550	-.39280	-.39400	-.41630	-.34050	-.46570
	GRADIENT	.00077	.00044	.00063	.00014	.00061	.00213	.00997	-.00901

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-8.111	-5.845	-.47030	-.44510	-.45600	-.46740	-.47390	-.52280	-.56910	-.44360
-8.019	-3.783	-.45390	-.43300	-.43570	-.45300	-.46210	-.51150	-.55770	-.47930
-7.945	.199	-.45260	-.42200	-.42920	-.45060	-.47090	-.52420	-.52810	-.53580
-7.889	4.084	-.45870	-.42610	-.43950	-.45740	-.47380	-.51950	-.48180	-.56230
-7.870	6.100	-.46720	-.43040	-.44910	-.46750	-.48250	-.52420	-.44070	-.57010
	GRADIENT	-.00061	.00088	-.00047	-.00050	-.00149	-.00103	.00964	-.01056

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-4.049	-5.803	-.43540	-.40620	-.42010	-.42950	-.44200	-.49460	-.55400	-.42580
-3.982	-3.797	-.42010	-.39350	-.40270	-.41790	-.42880	-.47840	-.53380	-.45520
-3.807	.188	-.42170	-.38500	-.39800	-.42010	-.43840	-.49650	-.50400	-.49920
-3.715	3.999	-.42830	-.38880	-.40650	-.42530	-.44290	-.50160	-.45340	-.53410
-3.688	5.975	-.43410	-.39450	-.41300	-.43430	-.44790	-.50190	-.42230	-.55600
	GRADIENT	-.00105	.00061	-.00047	-.00095	-.00181	-.00299	.01029	-.01013

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-.162	-6.583	-.42520	-.39670	-.40470	-.42360	-.44140	-.48830	-.54530	-.41540
-.148	-4.465	-.40950	-.38220	-.38780	-.40830	-.42700	-.47440	-.53460	-.43450
-.181	-.254	-.40580	-.37270	-.38380	-.40660	-.41710	-.47430	-.49800	-.48950
-.142	3.897	-.41320	-.37630	-.39140	-.41650	-.43060	-.47600	-.44660	-.53640
-.118	6.006	-.41960	-.38630	-.39910	-.42600	-.43610	-.47400	-.41730	-.54180
	GRADIENT	-.00044	.00071	-.00043	-.00098	-.00043	-.00019	.01052	-.01219

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.608	-5.975	-.40270	-.36930	-.37810	-.40020	-.42240	-.47880	-.51530	-.43530
4.595	-3.958	-.38890	-.35070	-.36790	-.38700	-.40510	-.45720	-.50700	-.45850
4.482	.183	-.37680	-.32950	-.35950	-.37690	-.38690	-.43770	-.49100	-.48590
4.289	4.217	-.39990	-.36000	-.37680	-.40020	-.41770	-.47140	-.45790	-.52500
4.237	6.163	-.41120	-.37290	-.38740	-.41490	-.43060	-.47910	-.43780	-.53200
	GRADIENT	-.00133	-.00111	-.00107	-.00160	-.00152	-.00171	.00600	-.00813

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-8.051	-5.746	-.44740	-.42280	-.43050	-.44510	-.45150	-.50640	-.53800	-.42670
-8.006	-3.796	-.43240	-.40940	-.41240	-.43010	-.44100	-.49770	-.53150	-.45800
-7.970	.180	-.43200	-.39950	-.41060	-.42480	-.45290	-.50360	-.50140	-.51280
-7.900	4.089	-.43710	-.40310	-.41690	-.43350	-.45710	-.50140	-.45620	-.53580
-7.845	6.058	-.44520	-.40690	-.42670	-.44530	-.46330	-.50220	-.41670	-.54060
	GRADIENT	-.00059	.00080	-.00057	-.00043	-.00204	-.00047	.00954	-.00988

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.996	-5.786	-.41810	-.38910	-.40100	-.41290	-.42480	-.48100	-.52090	-.40290
-3.990	-3.848	-.40350	-.37770	-.38660	-.39940	-.41120	-.46270	-.50160	-.43020
-3.798	.257	-.40100	-.36380	-.37920	-.39470	-.41570	-.47720	-.47670	-.47940
-3.727	4.024	-.40930	-.37060	-.38800	-.40440	-.42620	-.48170	-.43300	-.51170
-3.736	6.044	-.41410	-.37550	-.39230	-.41340	-.43020	-.48310	-.40140	-.53000
	GRADIENT	-.00072	.00094	-.00015	-.00061	-.00189	-.00243	.00868	-.01038

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-.129	-6.590	-.40540	-.37890	-.38660	-.40180	-.41450	-.46840	-.51490	-.38770
-.106	-4.470	-.38910	-.36230	-.37050	-.38540	-.39990	-.45160	-.50280	-.41050
-.141	-.265	-.38600	-.34950	-.36520	-.38440	-.40000	-.45370	-.47170	-.46690
-.125	3.903	-.39380	-.35310	-.37340	-.39460	-.41200	-.45620	-.41530	-.50610
-.111	6.012	-.40360	-.36340	-.38250	-.40200	-.43030	-.46650	-.39050	-.51820
	GRADIENT	-.00056	.00110	-.00034	-.00110	-.00144	-.00055	.01045	-.01142

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.639	-5.969	-.38730	-.34620	-.36900	-.38300	-.40220	-.45210	-.48860	-.41050
4.591	-3.946	-.37580	-.32870	-.35740	-.37000	-.39180	-.44410	-.48250	-.43670
4.519	.162	-.36400	-.31250	-.34750	-.35840	-.37490	-.43060	-.46250	-.46590
4.335	4.209	-.37730	-.33010	-.35730	-.37060	-.39510	-.45080	-.42900	-.49610
4.262	6.133	-.38810	-.34340	-.36680	-.38580	-.40860	-.45720	-.41060	-.50380
	GRADIENT	-.00018	-.00016	.00002	-.00007	-.00039	-.00081	.00656	-.00728

IA183,AEDC PWT 16TF-519 O T S (BASE PRESS) (R8PB19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.908	-5.910	-.41680	-.39000	-.39520	-.41600	-.42590	-.48540	-.50490	-.39930
-7.927	-3.908	-.40730	-.38210	-.38460	-.40580	-.41990	-.47740	-.49630	-.42800
-7.919	.066	-.40360	-.37070	-.38120	-.39800	-.43090	-.47240	-.47530	-.47310
-7.920	4.030	-.40390	-.37440	-.38100	-.39750	-.43200	-.47380	-.43160	-.50680
-7.896	6.020	-.40960	-.37520	-.39000	-.40640	-.42920	-.47200	-.39700	-.51930
	GRADIENT	.00043	.00097	.00045	.00105	-.00152	.00045	.00815	-.00993

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.898	-5.926	-.39560	-.36480	-.37830	-.39270	-.40010	-.45860	-.48350	-.37970
-3.824	-3.892	-.38680	-.35740	-.36900	-.38300	-.39390	-.44980	-.46730	-.41230
-3.803	.060	-.37640	-.34140	-.35520	-.36830	-.39260	-.45170	-.45360	-.45320
-3.743	3.968	-.38140	-.34710	-.36180	-.37650	-.39710	-.44850	-.41710	-.47580
-3.745	5.911	-.38640	-.35390	-.36530	-.38660	-.40150	-.45080	-.38450	-.48940
	GRADIENT	.00069	.00132	.00092	.00083	-.00041	.00016	.00638	-.00808

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.056	-6.611	-.38260	-.35930	-.36460	-.37850	-.38930	-.44480	-.48510	-.37110
.081	-4.491	-.36740	-.34220	-.35150	-.35980	-.37360	-.42940	-.47550	-.39040
.073	-.275	-.36010	-.32440	-.34000	-.35320	-.37770	-.43000	-.44800	-.44400
.087	3.912	-.37010	-.33320	-.35580	-.36270	-.38150	-.42770	-.39660	-.48240
.080	6.021	-.37350	-.34050	-.35440	-.37260	-.39100	-.43210	-.37560	-.49460
	GRADIENT	-.00032	.00107	-.00051	-.00034	-.00094	.00020	.00939	-.01095

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.635	-6.056	-.36420	-.32120	-.34470	-.35910	-.37850	-.43490	-.46350	-.38270
4.603	-4.041	-.35190	-.31010	-.33300	-.34650	-.36970	-.41810	-.45400	-.40130
4.575	.073	-.33580	-.28030	-.32420	-.32590	-.34610	-.39520	-.44240	-.43640
4.444	4.123	-.35310	-.31150	-.33470	-.34510	-.37120	-.42150	-.41180	-.46740
4.391	6.100	-.36250	-.32130	-.34030	-.35860	-.38590	-.43370	-.39440	-.47550
	GRADIENT	-.00014	-.00015	-.00020	.00018	-.00017	-.00040	.00516	-.00810

IA183,AEDC PWT 16TF-519 O T S (L SRB)

(R8PL01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.
LREF = 1290.3000 INCHES
BREF = 1290.3000 INCHES
SCALE = .0200 SD77-S

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

BETA = .000
OR-ELV = 5.000
OL-ELV = 5.000
DIRECT = 1.000

IR-ELV = 10.020
IL-ELV = 9.900
PHI = .000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-7.935	.16200	-.05330	.04400	.00910	.03490	.01450	-.02510	-.00680	-.00060	-.01050
.600	-5.900	.14080	-.04020	.04390	.01060	.03330	.01090	-.00030	-.00650	-.01400	-.00800
.601	-3.822	.12990	-.02910	.04400	.01200	.03190	.00860	.01980	-.00620	-.02640	-.00580
.599	-1.764	.13310	-.02170	.04490	.01310	.03180	.00750	.03120	-.00620	-.03460	-.00440
.600	.260	.13420	-.01370	.04500	.01350	.03150	.00650	.03680	-.00610	-.03930	-.00280
.600	2.353	.13760	-.00420	.04390	.01290	.03100	.00400	.03690	-.00600	-.03980	-.00090
.599	4.393	.13440	.00420	.04550	.01410	.03140	.00250	.02970	-.00610	-.03460	.00070
.600	6.465	.13640	.01390	.04660	.01470	.03190	.00010	.01800	-.00620	-.02760	.00260
.600	8.562	.15020	.02580	.04700	.01460	.03240	-.00280	.00130	-.00630	-.01870	.00490
	GRADIENT	.00066	.00409	.00010	.00019	-.00009	-.00076	.00124	.00002	-.00105	.00080

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.900	-8.107	.24690	-.05800	.05110	.01600	.03510	.01400	-.03820	-.00680	.00000	-.01150
.898	-5.967	.21090	-.04280	.05060	.01720	.03340	.01020	-.01460	-.00650	-.01130	-.00850
.901	-3.977	.19280	-.03120	.05060	.01860	.03200	.00720	.00540	-.00620	-.02220	-.00620
.900	-1.918	.17900	-.02220	.05060	.01980	.03090	.00470	.02060	-.00600	-.03120	-.00450
.898	.183	.16860	-.01330	.05100	.02030	.03070	.00090	.02990	-.00600	-.03640	-.00270
.899	2.258	.16360	-.00400	.05100	.02050	.03050	-.00080	.03540	-.00590	-.03930	-.00090
.900	4.372	.17550	.00570	.05090	.01980	.03110	.00110	.03200	-.00600	-.03800	.00100
.900	6.416	.20280	.01670	.05200	.01900	.03300	-.00010	.01570	-.00640	-.03050	.00320
.900	8.492	.23290	.02830	.05380	.01970	.03410	-.00590	-.00370	-.00660	-.02130	.00540
	GRADIENT	-.00239	.00441	.00005	.00015	-.00010	-.00085	.00325	.00002	-.00190	.00086

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.949	-8.203	.31120	-.05900	.05570	.01830	.03750	.01260	-.04180	-.00730	.00120	-.01170
.950	-6.112	.27320	-.04340	.05680	.02030	.03650	.00860	-.01460	-.00710	-.01210	-.00870
.953	-3.919	.24460	-.03130	.05660	.02170	.03500	.00730	.01160	-.00680	-.02580	-.00630
.950	-1.858	.23030	-.02320	.05630	.02250	.03380	.00760	.02710	-.00660	-.03530	-.00470
.952	.241	.23710	-.01500	.05660	.02320	.03340	.00680	.03430	-.00650	-.04110	-.00310
.950	2.270	.23450	-.00640	.05650	.02280	.03370	.00260	.03240	-.00650	-.03990	-.00140
.948	4.367	.23320	.00430	.05650	.02260	.03390	.00060	.02890	-.00660	-.03750	.00070
.949	6.446	.26490	.01620	.05660	.02140	.03520	.00020	.01550	-.00680	-.03160	.00310
.948	8.462	.27840	.02980	.05780	.02130	.03650	-.00640	-.00130	-.00710	-.02280	.00570
	GRADIENT	-.00090	.00425	.00000	.00010	-.00011	-.00089	.00193	.00002	-.00135	.00084

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.100	-8.261	.41450	-.06430	.07470	.02830	.04640	.01270	-.04020	-.00900	-.00540	-.01270
1.099	-6.152	.35560	-.05040	.07530	.02980	.04550	.01210	-.01030	-.00880	-.01890	-.00990
1.102	-3.937	.31190	-.03810	.07550	.03100	.04450	.01200	.01890	-.00860	-.03350	-.00750
1.099	-1.840	.29240	-.02780	.07500	.03190	.04310	.01110	.03800	-.00840	-.04470	-.00540
1.099	.231	.30300	-.01880	.07410	.03170	.04250	.01050	.04600	-.00830	-.05140	-.00370
1.099	2.329	.30990	-.01120	.07470	.03170	.04300	.00970	.04030	-.00830	-.04850	-.00220
1.100	4.438	.31980	.00090	.07580	.03260	.04320	.00620	.03380	-.00840	-.04560	.00020
1.101	6.480	.33190	.01610	.07660	.03300	.04370	-.00190	.01920	-.00850	-.03770	.00320
1.102	8.507	.34970	.02920	.07750	.03250	.04500	-.00680	.00300	-.00870	-.02970	.00570
	GRADIENT	.00159	.00452	.00001	.00014	-.00013	-.00062	.00153	.00002	-.00134	.00089

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-9.668	.30040	-.08710	.07260	.03040	.04230	.01980	-.06120	-.00820	.00820	-.01710
1.251	-7.291	.23150	-.06690	.07220	.03080	.04130	.01800	-.02760	-.00800	-.00660	-.01310
1.251	-4.864	.19010	-.04980	.07190	.03160	.04030	.01600	.00140	-.00780	-.02160	-.00970
1.249	-2.525	.17050	-.03660	.07230	.03300	.03930	.01480	.02300	-.00760	-.03430	-.00710
1.249	-.212	.16500	-.02590	.07300	.03440	.03870	.01560	.03970	-.00750	-.04500	-.00500
1.249	2.072	.18150	-.01790	.07290	.03420	.03870	.01640	.03750	-.00750	-.04550	-.00340
1.251	4.323	.20600	-.00470	.07250	.03370	.03880	.01170	.03060	-.00750	-.04290	-.00080
1.252	6.435	.22450	.01120	.07320	.03400	.03930	.00300	.01600	-.00760	-.03580	.00230
1.250	8.716	.26320	.02610	.07590	.03540	.04050	-.00200	-.00190	-.00790	-.02830	.00530
	GRADIENT	.00183	.00474	.00008	.00024	-.00016	-.00030	.00319	.00003	-.00235	.00094

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL02) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.601	-8.756	.18760	-.06010	.04350	.00790	.03560	.01700	-.03510	-.00690	.00430	-.01180
.601	-4.449	.12770	-.03370	.04350	.01120	.03220	.00990	.01380	-.00630	-.02260	-.00660
.600	-2.372	.13130	-.02470	.04460	.01250	.03210	.00840	.02900	-.00620	-.03300	-.00490
600	-.129	.13450	-.01660	.04480	.01320	.03160	.00740	.03650	-.00610	-.03880	-.00330
.600	1.965	.14200	-.00640	.04390	.01270	.03130	.00470	.03790	-.00610	-.04060	-.00130
.600	4.084	.13620	.00110	.04520	.01370	.03150	.00390	.03140	-.00610	-.03570	.00020
.599	8.419	.13180	.02350	.04710	.01440	.03270	-.00150	.00210	-.00640	-.01930	.00460
	GRADIENT	.00130	.00411	.00013	.00024	-.00010	-.00073	.00206	.00002	-.00158	.00080

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.099	-8.223	.41360	-.06410	.07460	.02830	.04630	.01260	-.04000	-.00900	-.00560	-.01260
1.102	-6.109	.35590	-.05040	.07530	.02990	.04540	.01230	-.01000	-.00880	-.01900	-.00990
1.099	-3.944	.31260	-.03790	.07550	.03100	.04450	.01170	.01820	-.00860	-.03310	-.00740
1.102	-1.835	.29190	-.02840	.07510	.03190	.04330	.01150	.03760	-.00840	-.04440	-.00560
1.101	.246	.30360	-.01870	.07420	.03160	.04260	.01050	.04590	-.00830	-.05140	-.00370
1.099	2.344	.30930	-.01110	.07480	.03170	.04310	.00980	.04030	-.00840	-.04850	-.00220
1.098	4.435	.32000	.00120	.07580	.03250	.04320	.00590	.03340	-.00840	-.04550	.00020
1.099	6.424	.33380	.01590	.07660	.03280	.04380	-.00180	.01950	-.00850	-.03790	.00310
1.099	8.554	.35350	.03000	.07740	.03240	.04500	-.00710	.00260	-.00870	-.02960	.00590
	GRADIENT	.00154	.00455	.00001	.00013	-.00013	-.00063	.00157	.00002	-.00137	.00089

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-9.629	.29600	-.08680	.07270	.03040	.04230	.01960	-.06090	-.00820	.00810	-.01700
1.250	-7.217	.23080	-.06650	.07210	.03090	.04130	.01800	-.02700	-.00800	-.00690	-.01300
1.248	-4.887	.19100	-.04990	.07210	.03180	.04030	.01600	.00130	-.00780	-.02160	-.00970
1.249	-2.581	.16910	-.03680	.07240	.03310	.03940	.01480	.02270	-.00760	-.03400	-.00710
1.251	-.205	.16210	-.02610	.07300	.03430	.03870	.01570	.03960	-.00750	-.04500	-.00500
1.252	2.113	.18080	-.01780	.07260	.03400	.03850	.01660	.03790	-.00750	-.04580	-.00340
1.251	4.267	.20590	-.00500	.07240	.03380	.03870	.01190	.03070	-.00750	-.04290	-.00090
1.250	6.463	.22650	.01140	.07350	.03410	.03930	.00290	.01580	-.00760	-.03570	.00240
1.249	8.714	.26390	.02600	.07600	.03540	.04060	-.00190	-.00180	-.00790	-.02830	.00520
	GRADIENT	.00175	.00473	.00004	.00022	-.00018	-.00027	.00325	.00003	-.00239	.00093

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-8.263	.26020	-.07340	.07260	.03080	.04170	.01780	-.04220	-.00810	.00020	-.01450
1.251	-6.119	.20880	-.05750	.07180	.03120	.04060	.01700	-.01200	-.00790	-.01440	-.01130
1.250	-3.909	.19350	-.04370	.07170	.03210	.03960	.01540	.01080	-.00770	-.02700	-.00860
1.249	-1.800	.16790	-.03270	.07220	.03340	.03880	.01480	.02880	-.00750	-.03780	-.00640
1.253	.326	.16610	-.02390	.07280	.03430	.03850	.01650	.04200	-.00750	-.04680	-.00470
1.249	2.477	.18950	-.01590	.07200	.03370	.03830	.01620	.03660	-.00740	-.04530	-.00310
1.253	4.496	.21160	-.00200	.07150	.03300	.03850	.00960	.02860	-.00750	-.04220	-.00040
1.249	6.549	.23160	.01240	.07340	.03410	.03930	.00250	.01520	-.00760	-.03540	.00240
1.248	8.627	.25800	.02640	.07550	.03500	.04050	-.00230	-.00100	-.00790	-.02830	.00520
	GRADIENT	.00367	.00475	-.00003	.00010	-.00013	-.00048	.00207	.00002	-.00181	.00093

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.102	-8.224	.41340	-.06490	.07520	.02880	.04640	.01330	-.03980	-.00900	-.00560	-.01280
1.098	-6.140	.35600	-.04980	.07500	.02970	.04530	.01180	-.00980	-.00880	-.01920	-.00980
1.100	-4.005	.31220	-.03810	.07550	.03100	.04450	.01180	.01800	-.00860	-.03300	-.00750
1.098	-1.878	.29250	-.02770	.07520	.03200	.04320	.01110	.03840	-.00840	-.04500	-.00540
1.099	.214	.30450	-.01830	.07400	.03160	-.04250	.01020	.04580	-.00820	-.05140	-.00360
1.102	2.365	.30820	-.01150	.07480	.03180	.04300	.01010	.04040	-.00830	-.04850	-.00220
1.102	4.420	.31940	.00070	.07570	.03260	.04310	.00640	.03400	-.00840	-.04580	.00020
1.100	6.494	.33210	.01620	.07670	.03300	.04380	-.00190	.01900	-.00850	-.03770	.00320
1.101	8.505	.35320	.02940	.07750	.03260	.04490	-.00680	.00310	-.00870	-.03000	.00580
	GRADIENT	.00142	.00444	-.00000	.00014	-.00014	-.00056	.00162	.00002	-.00138	.00088

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.249	-9.628	.29820	-.08670	.07280	.03050	.04230	.01960	-.06100	-.00820	.00820	-.01700
1.250	-7.236	.22980	-.06610	.07220	.03090	.04130	.01830	-.02420	-.00800	-.00850	-.01290
1.251	-4.872	.18650	-.04930	.07190	.03160	.04030	.01590	.00260	-.00780	-.02230	-.00960
1.249	-2.594	.16770	-.03650	.07240	.03310	.03930	.01480	.02340	-.00760	-.03440	-.00710
1.249	-.171	.16410	-.02560	.07310	.03440	.03860	.01570	.04020	-.00750	-.04540	-.00490
1.251	2.063	.17990	-.01780	.07250	.03400	.03850	.01660	.03770	-.00750	-.04570	-.00340
1.252	4.308	.20800	-.00460	.07220	.03350	.03870	.01160	.03000	-.00750	-.04270	-.00080
1.251	6.422	.22600	.01120	.07330	.03400	.03940	.00300	.01580	-.00760	-.03570	.00230
1.250	8.716	.26160	.02600	.07600	.03540	.04060	-.00200	-.00180	-.00790	-.02820	.00530
	GRADIENT	.00236	.00470	.00003	.00021	-.00017	-.00029	.00303	.00003	-.00228	.00093

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.098	-8.227	.41330	-.06440	.07480	.02850	.04640	.01270	-.04000	-.00900	-.00560	-.01270
1.100	-6.138	.35730	-.05010	.07510	.02980	.04540	.01210	-.01000	-.00880	-.01900	-.00990
1.102	-3.994	.31240	-.03800	.07530	.03080	.04450	.01180	.01850	-.00860	-.03320	-.00750
1.099	-1.870	.29160	-.02750	.07500	.03190	.04310	.01100	.03830	-.00840	-.04490	-.00540
1.102	.219	.30360	-.01850	.07410	.03160	.04260	.01040	.04590	-.00830	-.05140	-.00360
1.101	2.366	.30890	-.01110	.07480	.03180	.04300	.00980	.04020	-.00830	-.04840	-.00220
1.100	4.408	.32060	.00100	.07590	.03270	.04320	.00620	.03420	-.00840	-.04580	.00020
1.102	6.447	.33340	.01630	.07660	.03300	.04370	-.00190	.01920	-.00850	-.03790	.00320
1.099	8.558	.35650	.02980	.07760	.03260	.04500	-.00690	.00240	-.00870	-.02950	.00580
	GRADIENT	.00159	.00448	.00005	.00018	-.00013	-.00059	.00159	.00002	-.00137	.00088

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.249	-9.597	.29460	-.08600	.07290	.03060	.04230	.01930	-.06050	-.00820	.00800	-.01690
1.249	-7.240	.23030	-.06600	.07220	.03090	.04130	.01810	-.02490	-.00800	-.00810	-.01290
1.252	-4.877	.18670	-.04930	.07180	.03160	.04020	.01600	.00250	-.00780	-.02220	-.00960
1.251	-2.597	.16690	-.03650	.07220	.03290	.03930	.01480	.02330	-.00760	-.03440	-.00710
1.249	-.211	.16370	-.02570	.07300	.03430	.03870	.01560	.03990	-.00750	-.04520	-.00490
1.249	2.116	.18320	-.01750	.07280	.03420	.03860	.01630	.03720	-.00750	-.04540	-.00330
1.250	4.280	.20900	-.00480	.07240	.03370	.03870	.01180	.03010	-.00750	-.04270	-.00080
1.251	6.426	.22610	.01130	.07340	.03410	.03940	.00300	.01560	-.00760	-.03560	.00240
1.251	8.719	.26270	.02630	.07590	.03540	.04060	-.00210	-.00210	-.00790	-.02820	.00530
	GRADIENT	.00260	.00469	.00008	.00024	-.00016	-.00029	.00303	.00003	-.00227	.00093

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-8.353	.04060	-.06630	.04390	.00820	.03570	.02140	-.03300	-.00690	.00340	-.01290
.600	-6.194	.01630	-.04900	.04360	.00970	.03400	.01560	-.00530	-.00660	-.01090	-.00950
.600	-4.024	.00380	-.03620	.04350	.01100	.03260	.01220	.01580	-.00630	-.02350	-.00700
.600	-1.855	.00100	-.02630	.04460	.01220	.03250	.01040	.03110	-.00630	-.03390	-.00510
.601	.249	.00440	-.01780	.04450	.01260	.03180	.00910	.03710	-.00620	-.03870	-.00340
.600	2.401	-.00140	-.00760	.04370	.01210	.03160	.00620	.03830	-.00610	-.04000	-.00140
.599	4.541	-.00830	.00230	.04400	.01270	.03130	.00330	.03130	-.00610	-.03530	.00050
.601	6.713	-.00050	.01380	.04510	.01280	.03220	.00070	.01890	-.00630	-.02830	.00280
.600	8.874	.00400	.02640	.04550	.01250	.03300	-.00260	.00250	-.00640	-.01990	.00520
	GRADIENT	-.00125	.00448	.00000	.00015	-.00016	-.00103	.00179	.00003	-.00139	.00087

IA183,AEDC PWT 16TF-519 O T S (L SRB)

(R8PL06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.899	-8.673	.12320	-.07070	.05140	.01520	.03620	.01990	-.05340	-.00700	.00700	-.01380
.899	-6.382	.06590	-.05260	.05090	.01660	.03430	.01540	-.02100	-.00670	-.00770	-.01020
.899	-4.163	.03660	-.03740	.05070	.01800	.03260	.01080	.00310	-.00630	-.02060	-.00720
.901	-1.984	.01950	-.02770	.05060	.01920	.03140	.00820	.02000	-.00610	-.03030	-.00530
.901	.223	.01160	-.01840	.05110	.01980	.03130	.00520	.02960	-.00610	-.03610	-.00350
.901	2.423	-.00410	-.00810	.05110	.01970	.03130	.00280	.03610	-.00610	-.03910	-.00150
.901	4.650	.00570	.00390	.05130	.01930	.03200	.00270	.03090	-.00620	-.03730	.00090
.902	6.852	.03100	.01610	.05300	.01890	.03410	.00000	.01440	-.00660	-.03000	.00330
	9.082	.05380	.02930	.05370	.01870	.03500	-.00490	-.00540	-.00680	-.02100	.00590
	GRADIENT	-.00387	.00464	.00008	.00014	-.00006	-.00098	.00325	.00001	-.00191	.00091

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.097	-9.038	.09100	-.07680	.07650	.02800	.04850	.01730	-.05290	-.00940	-.00100	-.01510
1.098	-6.687	.02820	-.05670	.07490	.02840	.04650	.01430	-.01640	-.00900	-.01770	-.01120
1.098	-4.354	-.02580	-.04230	.07630	.03080	.04550	.01340	.01500	-.00880	-.03280	-.00830
1.101	-2.025	-.04890	-.03000	.07610	.03200	.04420	.01230	.03940	-.00860	-.04670	-.00590
1.101	.252	-.03810	-.01990	.07560	.03210	.04360	.01150	.04880	-.00850	-.05440	-.00390
1.103	2.531	-.03470	-.01200	.07570	.03190	.04370	.01100	.04270	-.00850	-.05120	-.00240
1.102	4.741	-.02460	.00190	.07650	.03250	.04400	.00630	.03560	-.00850	-.04820	.00030
1.102	6.902	-.01840	.01860	.07690	.03270	.04420	-.00260	.01900	-.00860	-.03900	.00360
1.101	9.125	.00350	.03430	.07770	.03220	.04550	-.00880	.00080	-.00880	-.03040	.00670
	GRADIENT	.00071	.00468	-.00000	.00015	-.00016	-.00068	.00198	.00003	-.00157	.00091

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-9.108	.19390	-.08510	.07300	.03030	.04270	.02040	-.05550	-.00830	.00420	-.01670
1.251	-6.710	.12880	-.06640	.07270	.03080	.04190	.01910	-.02440	-.00810	-.00960	-.01300
1.251	-4.300	.08710	-.04930	.07220	.03140	.04080	.01710	.00420	-.00790	-.02420	-.00960
1.249	-2.005	.06620	-.03630	.07240	.03260	.03990	.01590	.02650	-.00770	-.03730	-.00700
1.249	.337	.06220	-.02540	.07210	.03340	.03870	.01610	.04210	-.00750	-.04770	-.00490
1.249	2.654	.07700	-.01630	.07140	.03290	.03850	.01600	.03900	-.00750	-.04790	-.00310
1.250	4.824	.09730	-.00190	.07160	.03300	.03860	.00890	.03060	-.00750	-.04460	-.00020
1.251	7.027	.10880	.01340	.07280	.03340	.03940	.00160	.01550	-.00760	-.03680	.00280
1.250	9.261	.13500	.02870	.07540	.03480	.04060	-.00370	-.00220	-.00790	-.02930	.00580
	GRADIENT	.00133	.00501	-.00010	.00015	-.00025	-.00070	.00288	.00004	-.00226	.00099

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.248	-9.070	.23330	-.08160	.07250	.02980	.04260	.01870	-.05620	-.00830	.00400	-.01610
1.247	-6.696	.15550	-.06250	.07220	.03030	.04190	.01780	-.02250	-.00810	-.01090	-.01230
1.249	-4.324	.10360	-.04670	.07220	.03120	.04100	.01660	.00690	-.00800	-.02590	-.00920
1.250	-1.970	.07990	-.03410	.07210	.03230	.03980	.01550	.02830	-.00770	-.03860	-.00670
1.249	.365	.06800	-.02400	.07190	.03310	.03880	.01610	.04320	-.00750	-.04870	-.00470
1.251	2.674	.07970	-.01570	.07150	.03300	.03850	.01620	.03930	-.00750	-.04840	-.00310
1.249	4.842	.09050	-.00080	.07100	.03220	.03880	.00880	.03010	-.00750	-.04460	-.00020
1.251	7.057	.09240	.01480	.07300	.03350	.03950	.00150	.01470	-.00770	-.03680	.00290
1.248	9.245	.10720	.02990	.07500	.03410	.04090	-.00400	-.00220	-.00790	-.02940	.00580
	GRADIENT	-.00119	.00479	-.00013	.00012	-.00025	-.00064	.00254	.00005	-.00208	.00094

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.549	-3.875	.29210	-.04200	.06250	.03140	.03110	.01400	.00130	-.00600	-.01960	-.00830
1.549	-1.543	.28130	-.02980	.06340	.03280	.03060	.01390	.02280	-.00590	-.03320	-.00590
1.550	-.347	.28290	-.02470	.06440	.03370	.03070	.01500	.03180	-.00600	-.03940	-.00490
1.550	.849	.28910	-.01990	.06500	.03410	.03090	.01630	.03510	-.00600	-.04240	-.00400
1.549	3.161	.31820	-.01060	.06500	.03370	.03130	.01600	.02800	-.00610	-.04120	-.00210
1.550	5.387	.35760	.00280	.06440	.03300	.03140	.01006	.01820	-.00610	-.03800	.00050
1.550	6.489	.36680	.00960	.06550	.03360	.03190	.00780	.01010	-.00620	-.03370	.00180
	GRADIENT	.00365	.00443	.00039	.00035	.00004	.00036	.00394	-.00002	-.00315	.00087

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.550	-6.537	-.02710	-.06980	.06350	.03040	.03310	.02150	-.03130	-.00640	-.00030	-.01380
1.550	-4.202	-.05510	-.04980	.06360	.03120	.03230	.01740	-.00400	-.00630	-.01580	-.00990
1.550	-1.847	-.06770	-.03580	.06440	.03230	.03210	.01690	.01990	-.00620	-.03080	-.00710
1.550	.540	-.06250	-.02460	.06530	.03360	.03170	.01820	.03660	-.00620	-.04290	-.00490
1.550	2.896	-.03510	-.01430	.06580	.03400	.03190	.01840	.03170	-.00620	-.04310	-.00290
1.549	5.099	.00140	-.00110	.06440	.03230	.03210	.01250	.02220	-.00620	-.04000	-.00030
1.552	6.217	.00670	.00610	.06510	.03270	.03250	.00980	.01470	-.00630	-.03630	.00120
	GRADIENT	.00275	.00497	.00032	.00041	-.00007	.00018	.00523	.00001	-.00397	.00098

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.600	-6.376	-.06720	-.04640	.05100	.01370	.03730	.02610	.04980	-.00720	-.04600	-.00910
.600	-4.315	-.04040	-.03560	.04920	.01330	.03590	.01990	.04540	-.00700	-.04310	-.00700
.600	-.186	-.01060	-.01690	.04450	.01200	.03250	.00800	.03790	-.00630	-.03890	-.00330
.601	3.931	.01430	-.00200	.03990	.01120	.02870	-.00240	.02780	-.00560	-.03310	-.00040
.600	6.002	.01950	.00460	.03860	.01130	.02740	-.00760	.02280	-.00530	-.03070	.00090
	GRADIENT	.00663	.00408	-.00113	-.00025	-.00087	-.00270	-.00213	.00017	.00121	.00080

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.900	-6.471	-.14670	-.04970	.05840	.02100	.03740	.02690	.05060	-.00730	-.04940	-.00970
.899	-4.375	-.12350	-.03900	.05550	.02030	.03520	.02040	.04320	-.00680	-.04460	-.00760
.901	-.198	-.14870	-.01780	.05070	.01920	.03150	.00430	.02990	-.00610	-.03600	-.00350
.900	3.959	-.09990	.00190	.04790	.01900	.02890	-.01030	.02430	-.00560	-.03310	.00030
.900	6.055	-.07780	.00960	.04700	.01900	.02800	-.01570	.02310	-.00540	-.03330	.00180
	GRADIENT	.00282	.00491	-.00091	-.00016	-.00076	-.00368	-.00227	.00014	.00138	.00095

IA183.AEDC PWT 16TF-519 O T S (L SRB) (R8PL10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.949	-6.480	-.19400	-.05200	.06480	.02470	.04010	.02840	.05020	-.00780	-.04980	-.01020
.949	-4.383	-.15610	-.03990	.06240	.02430	.03820	.02200	.04580	-.00740	-.04720	-.00780
.950	-.193	-.15240	-.01900	.05660	.02250	.03410	.00880	.03560	-.00660	-.04130	-.00380
.950	3.979	-.12050	-.00110	.05260	.02170	.03090	-.00470	.02420	-.00600	-.03480	-.00030
.950	6.081	-.10810	.00590	.04940	.02100	.02840	-.00970	.02110	-.00550	.03410	.00110
	GRADIENT	.00425	.00464	-.00117	-.00031	-.00087	-.00319	-.00258	.00017	.00148	.00090

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.101	-5.496	-.24770	-.06060	.08250	.03450	.04790	.03680	.05640	-.00930	-.05670	-.01190
1.098	-4.375	-.21240	-.04730	.08120	.03420	.04700	.02910	.05370	-.00910	-.05520	-.00930
1.097	-.158	-.21970	-.02260	.07480	.03110	.04390	.01250	.04810	-.00850	-.05300	-.00440
1.099	4.010	-.16850	-.00320	.06820	.02890	.03920	-.00200	.03410	-.00760	-.04390	-.00070
1.101	6.126	-.14110	.00520	.06510	.02840	.03670	-.00870	.02830	-.00710	-.04070	.00100
	GRADIENT	.00522	.00526	-.00155	-.00063	-.00093	-.00371	-.00234	.00018	.00135	.00103

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.148	-6.513	-.21890	-.06220	.08170	.03650	.04530	.03760	.05370	-.00880	-.05450	-.01210
1.152	-4.387	-.17540	-.04910	.08020	.03600	.04420	.03010	.05040	-.00860	-.05230	-.00950
1.151	-.156	-.18390	-.02540	.07480	.03330	.04150	.01430	.04560	-.00800	-.05040	-.00490
1.148	4.010	-.15530	-.00470	.06670	.03020	.03650	-.00130	.03340	-.00710	-.04270	-.00090
1.149	6.129	-.13810	.00380	.06360	.02930	.03430	-.00800	.02770	-.00670	-.03990	.00080
	GRADIENT	.00239	.00529	-.00161	-.00069	-.00092	-.00374	-.00202	.00018	.00114	.00102

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.247	-6.537	-.01440	-.06030	.08050	.03790	.04260	.04010	.05360	-.00830	-.05330	-.01170
1.251	-4.414	.02980	-.04830	.07870	.03690	.04180	.03290	.05040	-.00810	-.05130	-.00940
1.251	-.180	.04470	-.02770	.07390	.03460	.03940	.01900	.04450	-.00760	-.04900	-.00530
1.252	4.025	.06600	-.00910	.06550	.03060	.03490	.00420	.03160	-.00680	-.04170	-.00170
1.249	6.147	.05920	-.00010	.06240	.02930	.03300	-.00350	.02600	-.00640	-.03930	.00000
	GRADIENT	.00429	.00465	-.00156	-.00075	-.00082	-.00340	-.00223	.00015	.00114	.00091

IA183 FORCE DATA

IA183,AEDC PWT 16TF-519 O T S (L SRB)

(R8PL11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-6.380	-.06500	-.04750	.05140	.01420	.03720	.02670	.04980	-.00720	-.04610	-.00920
.600	-4.292	-.03750	-.03710	.04980	.01370	.03610	.02090	.04530	-.00700	-.04310	-.00720
.600	-2.232	-.02900	-.02510	.04730	.01340	[illegible]	.01300	.04220	-.00660	-.04180	-.00490
.600	-.173	.01160	-.01810	.04510	.01250	[illegible]	.00880	.03750	-.00630	-.03890	-.00350
.600	1.886	-.00020	-.01080	.04260	.01200	[illegible]	.00390	.03240	-.00590	-.03580	-.00200
.600	3.948	.00560	-.00360	.04040	.01180	[illegible]	-.00140	.02710	-.00560	-.03300	-.00070
.600	6.007	.01350	.00300	.03900	.01180	.02720	-.00650	.02220	-.00530	-.03060	.00060
	GRADIENT	.00558	.00395	-.00114	-.00025	-.00088	-.00261	-.00224	.00017	.00127	.00077

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.900	-6.475	-.14840	-.05220	.05870	.02140	.03730	.02820	.05040	-.00720	-.04920	-.01010
.900	-4.375	-.12930	-.04180	.05580	.02070	.03510	.02160	.04190	-.00680	-.04360	-.00810
.900	-2.282	-.14410	-.03200	.05350	.02040	.03320	.01380	.03230	-.00640	-.03700	-.00620
.899	-.210	-.15530	-.01950	.05100	.01960	.03140	.00460	.02910	-.00610	-.03530	-.00380
.899	1.873	-.14150	-.00800	.04960	.01950	.03010	-.00370	.02670	-.00580	-.03450	-.00150
.899	3.961	-.10510	.00040	.04830	.01940	.02890	-.00940	.02410	-.00560	-.03310	.00010
.900	6.049	-.08900	.00790	.04680	.01920	.02760	-.01460	.02250	-.00540	-.03320	.00160
	GRADIENT	.00245	.00520	-.00091	-.00017	-.00074	-.00382	-.00198	.00014	.00113	.00101

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-5.882	.12710	-.04280	.05180	.01510	.03670	.02480	.04870	-.00710	-.04580	-.00830
.599	-3.811	.13420	-.03260	.04980	.01460	.03530	.01880	.04420	-.00680	-.04290	-.00630
.599	-1.735	.12160	-.02150	.04680	.01380	.03300	.01120	.04070	-.00640	-.04140	-.00410
.600	.309	.12480	-.01450	.04460	.01320	.03140	.00690	.03580	-.00610	-.03830	-.00270
.600	2.369	.11970	-.00740	.04170	.01240	.02930	.00200	.03050	-.00570	-.03530	-.00140
.599	4.427	.12620	-.00080	.03990	.01220	.02770	-.00280	.02480	-.00540	-.03210	.00000
.601	6.508	.12420	.00500	.03910	.01250	.02660	-.00730	.02070	-.00520	-.03050	.00110
	GRADIENT	-.00087	.00378	-.00121	-.00030	-.00092	-.00255	-.00238	.00017	.00135	.00074

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.899	-5.885	.06350	-.04640	.05790	.02180	.03600	.02480	.04800	-.00700	-.04770	-.00900
.899	-3.801	.04610	-.03720	.05520	.02120	.03390	.01790	.03690	-.00660	-.04010	-.00720
.899	-1.707	.02950	-.02600	.05300	.02050	.03250	.01010	.03110	-.00630	-.03660	-.00500
.900	.396	.01320	-.01450	.05060	.02000	.03060	.00180	.02860	-.00590	-.03580	-.00280
.901	2.472	.02670	-.00410	.04970	.02020	.02950	-.00570	.02530	-.00570	-.03490	-.00070
.901	4.548	.05910	.00330	.04840	.02000	.02840	-.01060	.02390	-.00550	-.03370	.00070
.900	6.661	.07160	.01070	.04770	.02000	.02760	-.01560	.02280	-.00540	-.03390	.00220
	GRADIENT	.00110	.00493	-.00081	-.00013	-.00067	-.00349	-.00148	.00013	.00069	.00096

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.097	-5.912	.18290	-.05380	.08310	.03570	.04740	.03280	.05600	-.00920	-.05670	-.01040
1.098	-3.781	.19530	-.04130	.08130	.03520	.04610	.02560	.05260	-.00890	-.05460	-.00800
1.100	-1.677	.18960	-.03000	.07900	.03430	.04470	.01860	.04910	-.00870	-.05290	-.00570
1.102	.423	.15660	-.01680	.07360	.03150	.04220	.00840	.04580	-.00820	-.05190	-.00310
1.100	2.531	.18680	-.00710	.07040	.03050	.03990	.00120	.03720	-.00770	-.04590	-.00130
1.103	4.603	.21580	-.00010	.06820	.03010	.03810	-.00370	.03020	-.00740	-.04180	.00010
1.098	6.731	.21650	.00860	.06530	.02930	.03600	-.01090	.02570	-.00700	-.04020	.00180
	GRADIENT	.00181	.00502	-.00166	-.00067	-.00099	-.00362	-.00270	.00019	.00155	.00098

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.248	-5.935	.12420	-.05750	.07970	.03760	.04210	.03690	.05110	-.00820	-.05180	-.01120
1.249	-3.819	.14730	-.04580	.07790	.03660	.04130	.02990	.04790	-.00800	-.04980	-.00890
1.250	-1.682	.14420	-.03440	.07560	.03540	.04030	.02250	.04500	-.00780	-.04850	-.00660
1.250	.416	.13860	-.02320	.07160	.03360	.03800	.01430	.04070	-.00740	-.04660	-.00440
1.252	2.534	.13690	-.01320	.06680	.03140	.03540	.00660	.03470	-.00690	-.04310	-.00250
1.251	4.629	.15970	-.00560	.06400	.03020	.03380	.00100	.02860	-.00660	-.04010	-.00100
1.250	6.771	.14890	.00400	.06090	.02890	.03210	-.00720	.02380	-.00620	-.03870	.00090
	GRADIENT	.00082	.00481	-.00173	-.00080	-.00094	-.00349	-.00232	.00018	.00117	.00094

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.043	-5.725	.60030	-.11040	.04830	.00940	.03890	.04410	-.01190	-.00750	-.01040	-.02170
-8.037	-3.729	.60110	-.08940	.04640	.00900	.03740	.03330	-.01850	-.00730	-.00540	-.01760
-7.939	.150	.59980	-.05350	.04400	.00900	.03500	.01460	-.02550	-.00680	-.00050	-.01050
-7.875	4.090	.59980	-.01800	.04160	.00990	.03170	-.00690	-.02220	-.00620	-.00510	-.00360
-7.884	6.112	.60030	-.00320	.03780	.00970	.02810	-.01570	-.01780	-.00540	-.00990	-.00070
	GRADIENT	-.00017	.00913	-.00061	.00012	-.00073	-.00514	-.00047	.00014	.00004	.00179

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-3.985	-5.780	.59970	-.07620	.05060	.01300	.03760	.03480	.02550	-.00730	-.02980	-.01500
-3.933	-3.805	.60030	-.06000	.04850	.01260	.03590	.02600	.02120	-.00700	-.02670	-.01190
-3.793	.128	.59990	-.02870	.04430	.01200	.03230	.00820	.01850	-.00630	-.02580	-.00570
-3.769	3.980	.59970	-.00670	.04160	.01240	.02910	-.00560	.01500	-.00570	-.02570	-.00140
-3.752	5.938	.60020	.00180	.03950	.01260	.02690	-.01080	.01440	-.00520	-.02690	.00020
	GRADIENT	-.00008	.00685	-.00089	-.00003	-.00087	-.00406	-.00080	.00017	.00013	.00135

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.067	-6.376	.60020	-.04640	.05100	.01370	.03730	.02610	.04980	-.00720	-.04600	-.00910
-.040	-4.315	.60010	-.03560	.04920	.01330	.03590	.01990	.04540	-.00700	-.04310	-.00700
-.011	-.185	.60040	-.01690	.04450	.01200	.03250	.00800	.03790	-.00630	-.03890	-.00330
.014	3.931	.60090	-.00200	.03990	.01120	.02870	-.00240	.02780	-.00560	-.03310	-.00040
.019	6.002	.60000	.00460	.03860	.01130	.02740	-.00760	.02280	-.00530	-.03070	.00090
	GRADIENT	.00010	.00408	-.00113	-.00025	-.00087	-.00270	-.00213	.00017	.00121	.00080

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.438	-6.003	.60000	-.00130	.05150	.01580	.03570	.00750	.04440	-.00690	-.04530	-.00030
4.432	-3.995	.59980	.00120	.04990	.01530	.03460	.00580	.03930	-.00670	-.04130	.00020
4.474	.132	.60070	.00510	.04540	.01400	.03140	.00190	.02810	-.00610	-.03360	.00090
4.343	4.222	.60010	.00830	.04170	.01260	.02910	-.00340	.01600	-.00560	-.02550	.00150
4.277	6.219	.59910	.00970	.04110	.01290	.02820	-.00610	.01160	-.00550	-.02300	.00180
	GRADIENT	.00004	.00086	-.00100	-.00033	-.00067	-.00112	-.00284	.00013	.00192	.00016

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.115	-5.822	.59950	-.11130	.04710	.00830	.03880	.04430	-.01110	-.00750	-.01070	-.02180
-7.979	-3.714	.60060	-.08690	.04470	.00780	.03680	.03130	-.01670	-.00720	-.00660	-.01710
-7.933	.142	.59950	-.05280	.04300	.00800	.03500	.01410	-.02550	-.00680	-.00040	-.01040
-7.833	4.144	.59990	-.01640	.04030	.00880	.03150	-.00780	-.02130	-.00610	-.00540	-.00330
-7.885	6.073	.60020	-.00250	.03670	.00860	.02810	-.01620	-.01760	-.00550	-.00980	-.00050
	GRADIENT	-.00009	.00897	-.00056	.00013	-.00068	-.00498	-.00058	.00014	.00014	.00176

IA183,AEDC PWT 16TF-519 O T S (L SRB)

(R8PL14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-3.989	-5.773	.59930	-.07530	.04920	.01180	.03740	.03420	.02650	-.00730	-.02980	-.01480
-3.880	-3.757	.59900	-.05850	.04720	.01140	.03590	.02520	.02290	-.00700	-.02720	-.01150
-3.843	.121	.60010	-.02860	.04280	.01090	.03200	.00810	.01960	-.00620	-.02590	-.00570
-3.772	3.977	.60020	-.00590	.04020	.01130	.02890	-.00590	.01640	-.00560	-.02610	-.00120
-3.768	5.958	.59900	.00240	.03820	.01140	.02680	-.01130	.01530	-.00520	-.02710	.00040
	GRADIENT	.00016	.00680	-.00091	-.00001	-.00091	-.00402	-.00084	.00018	.00014	.00133

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.067	-6.376	.60020	-.04640	.05100	.01370	.03730	.02610	.04980	-.00720	-.04600	-.00910
-.040	-4.315	.60010	-.03560	.04920	.01330	.03590	.01990	.04540	-.00700	-.04310	-.00700
-.011	-.186	.60040	-.01690	.04450	.01200	.03250	.00800	.03790	-.00630	-.03890	-.00330
.014	3.931	.60090	-.00200	.03990	.01120	.02870	-.00240	.02780	-.00560	-.03310	-.00040
.019	6.002	.60000	.00460	.03860	.01130	.02740	-.00760	.02280	-.00530	-.03070	.00090
	GRADIENT	.00010	.00408	-.00113	-.00025	-.00087	-.00270	-.00213	.00017	.00121	.00080

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.447	-5.986	.60050	-.00070	.05020	.01470	.03550	.00720	.04530	-.00690	-.04550	-.00020
4.451	-4.022	.60270	.00170	.04860	.01400	.03460	.00540	.04020	-.00670	-.04160	.00030
4.450	.123	.59930	.00510	.04410	.01280	.03130	.00180	.02960	-.00610	-.03440	.00100
4.337	4.234	.59980	.00830	.04040	.01150	.02890	-.00350	.01730	-.00560	-.02600	.00160
4.302	6.258	.59870	.00990	.04000	.01190	.02810	-.00620	.01260	-.00550	-.02340	.00190
	GRADIENT	-.00035	.00080	-.00099	-.00030	-.00069	-.00108	-.00277	.00013	.00189	.00016

IA183,AEDC PWT 16TF-519 O T S (L SRB) (RBPL15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.244	-5.648	.89940	-.12000	.05490	.01700	.03790	.04680	-.02760	-.00740	-.00780	-.02360
-8.153	-3.625	.89930	-.09860	.05260	.01640	.03620	.03690	-.03310	-.00700	-.00360	-.01940
-8.079	.253	.90070	-.05690	.05060	.01540	.03520	.01300	-.04110	-.00680	.00140	-.01120
-8.014	4.191	.90070	-.01760	.04580	.01520	.03060	-.01100	-.03650	-.00590	-.00370	-.00350
-7.983	6.214	.89930	-.00220	.04130	.01370	.02770	-.02000	-.03170	-.00540	-.00860	-.00050
	GRADIENT	.00018	.01036	-.00087	-.00015	-.00072	-.00613	-.00043	.00014	-.00002	.00203

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.110	-5.788	.89970	-.08220	.05750	.02020	.03730	.03640	.01500	-.00720	-.02760	-.01620
-4.020	-3.766	.89960	-.06460	.05460	.01980	.03490	.02740	.01110	-.00680	-.02470	-.01270
-3.919	.188	.90040	-.03060	.04970	.01770	.03190	.00690	.00670	-.00620	-.02270	-.00600
-3.838	4.084	.89950	-.00580	.04750	.01860	.02890	-.00870	.00450	-.00560	-.02360	-.00120
-3.801	6.038	.90020	.00360	.04460	.01800	.02670	-.01480	.00560	-.00520	-.02630	.00060
	GRADIENT	-.00001	.00749	-.00091	-.00015	-.00076	-.00460	-.00084	.00015	.00014	.00147

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.147	-6.471	.89980	-.04970	.05840	.02100	.03740	.02690	.05060	-.00730	-.04940	-.00970
-.123	-4.375	.89930	-.03900	.05550	.02030	.03520	.02040	.04320	-.00680	-.04460	-.00760
-.149	-.198	.90070	-.01780	.05070	.01920	.03150	.00430	.02990	-.00610	-.03600	-.00350
-.100	3.959	.90040	.00190	.04790	.01900	.02890	-.01030	.02430	-.00560	-.03310	.00030
-.078	6.055	.90010	.00960	.04700	.01900	.02800	-.01570	.02310	-.00540	-.03330	.00180
	GRADIENT	.00013	.00491	-.00091	-.00016	-.00076	-.00368	-.00227	.00014	.00138	.00095

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.484	-5.934	.89930	-.00520	.05950	.02180	.03760	.00990	.04760	-.00730	-.04900	-.00110
4.458	-3.921	.90010	-.00190	.05740	.02120	.03620	.00810	.04160	-.00700	-.04400	-.00040
4.400	.176	.89990	.00680	.04990	.01880	.03110	.00090	.03090	-.00600	-.03790	.00130
4.317	4.225	.89900	.00840	.04950	.01940	.03010	-.00220	.01800	-.00580	-.02990	.00160
4.261	6.203	.90000	.01120	.04800	.01930	.02870	-.00610	.01430	-.00560	-.02830	.00220
	GRADIENT	-.00013	.00127	-.00097	-.00022	-.00075	-.00127	-.00290	.00015	.00173	.00025

IA183,AEDC PWT 16TF-519 O T S (L SRB)

(R8PL16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.398	-5.666	.94920	-.12780	.05920	.02000	.03930	.04880	-.03290	-.00760	-.00650	-.02510
-8.286	-3.654	.95080	-.10460	.05760	.01960	.03800	.03760	-.03910	-.00740	-.00130	-.02060
-8.169	.297	.94950	-.05820	.05520	.01780	.03740	.01160	-.04200	-.00730	.00130	-.01150
-8.036	4.251	.94900	-.01740	.05040	.01760	.03280	-.01310	-.03540	-.00640	-.00480	-.00350
-7.996	6.247	.94930	-.00290	.04490	.01560	.02920	-.02120	-.02960	-.00570	-.01020	-.00070
	GRADIENT	-.00023	.01103	-.00091	-.00025	-.00066	-.00641	.00047	.00013	-.00044	.00216

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.167	-5.706	.95010	-.08580	.06230	.02340	.03900	.03790	.01560	-.00760	-.02890	-.01690
-4.147	-3.785	.94950	-.06900	.06050	.02300	.03750	.02930	.01210	-.00730	-.02580	-.01360
-3.984	.244	.94890	-.03130	.05550	.02070	.03490	.00720	.01130	-.00680	-.02560	-.00620
-3.815	4.104	.94990	-.00630	.05310	.02170	.03140	-.00840	.01030	-.00610	-.02750	-.00130
-3.802	6.090	.95020	.00300	.04860	.02030	.02820	-.01410	.01070	-.00550	-.02990	.00050
	GRADIENT	.00005	.00796	-.00094	-.00017	-.00077	-.00478	-.00023	.00015	-.00021	.00156

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.194	-6.480	.94940	-.05200	.06480	.02470	.04010	.02840	.05020	-.00780	-.04980	-.01020
-.156	-4.383	.94940	-.03990	.06240	.02430	.03820	.02200	.04580	-.00740	-.04720	-.00780
-.152	-.193	.94950	-.01900	.05660	.02250	.03410	.00880	.03560	-.00660	-.04130	-.00380
-.121	3.979	.94980	-.00110	.05260	.02170	.03090	-.00470	.02420	-.00600	-.03480	-.00030
-.108	6.081	.94950	.00590	.04940	.02100	.02840	-.00970	.02110	-.00550	-.03410	.00110
	GRADIENT	.00005	.00464	-.00117	-.00031	-.00087	-.00319	-.00258	.00017	.00148	.00090

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.513	-5.867	.94830	-.00810	.06430	.02430	.04000	.01190	.04420	-.00780	-.04840	-.00160
4.463	-3.843	.95100	-.00530	.06320	.02410	.03910	.00960	.03730	-.00760	-.04290	-.00110
4.415	.233	.95090	.00470	.05590	.02180	.03400	.00100	.02910	-.00660	-.03790	.00090
4.288	4.273	.94920	.00730	.05360	.02160	.03200	-.00200	.01730	-.00620	-.03050	.00140
4.251	6.229	.94990	.00920	.05100	.02100	.02990	-.00400	.01220	-.00580	-.02830	.00180
	GRADIENT	-.00022	.00155	-.00118	-.00031	-.00088	-.00143	-.00246	.00017	.00153	.00031

IA183.AEDC PWT 16TF-519 O T S (L SRB) (R8PL17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.502	-5.633	1.09900	-.14390	.08050	.03050	.05000	.05780	-.02610	-.00970	-.01540	-.02820
-8.361	-3.581	1.09880	-.11740	.07910	.03010	.04900	.04420	-.03540	-.00950	-.00780	-.02300
-8.209	.414	1.09750	-.06350	.07490	.02850	.04640	.01240	-.03820	-.00900	-.00630	-.01250
-8.094	4.321	1.09760	-.01910	.06830	.02590	.04230	-.01560	-.03210	-.00820	-.01160	-.00380
-8.047	6.351	1.09740	-.00220	.06290	.02420	.03870	-.02570	-.02710	-.00750	-.01620	-.00050
	GRADIENT	-.00015	.01245	-.00137	-.00053	-.00085	-.00757	.00041	.00016	-.00048	.00243

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.276	-5.695	1.10050	-.09600	.08180	.03310	.04870	.04460	.02040	-.00950	-.03480	-.01880
-4.179	-3.690	1.10020	-.07640	.07920	.03230	.04690	.03420	.01850	-.00910	-.03290	-.01500
-3.955	.311	1.10090	-.03810	.07480	.03050	.04430	.01180	.01820	-.00860	-.03300	-.00750
-3.825	4.150	1.09870	-.00710	.06900	.02910	.03980	-.00970	.01740	-.00770	-.03440	-.00150
-3.779	6.145	1.09740	.00450	.06540	.02820	.03710	-.01730	.01840	-.00720	-.03700	.00080
	GRADIENT	-.00019	.00884	-.00130	-.00041	-.00090	-.00560	-.00014	.00018	-.00019	.00172

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.248	-6.496	1.10120	-.06060	.08250	.03450	.04790	.03680	.05640	-.00930	-.05670	-.01190
-.212	-4.375	1.09850	-.04730	.08120	.03420	.04700	.02910	.05370	-.00910	-.05520	-.00930
-.220	-.158	1.09750	-.02260	.07480	.03110	.04380	.01250	.04810	-.00850	-.05300	-.00440
-.169	4.010	1.09880	-.00320	.06820	.02890	.03920	-.00200	.03410	-.00760	-.04390	-.00070
-.141	6.126	1.10120	.00520	.06510	.02840	.03670	-.00870	.02830	-.00710	-.04070	.00100
	GRADIENT	.00004	.00526	-.00155	-.00063	-.00093	-.00371	-.00234	.00018	.00135	.00103

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.642	-5.824	1.10090	-.00970	.07990	.03460	.04530	.01750	.05670	-.00880	-.06150	-.00190
4.622	-3.808	1.10010	-.00610	.07830	.03370	.04460	.01420	.04760	-.00860	-.05530	-.00120
4.490	.324	1.10170	.00210	.07520	.03200	.04310	.00540	.03360	-.00840	-.04570	.00040
4.285	4.352	1.09740	.01000	.07010	.02980	.04020	-.00540	.02110	-.00780	-.03760	.00200
4.233	6.303	1.09840	.01280	.06730	.02880	.03850	-.00850	.01650	-.00750	-.03520	.00250
	GRADIENT	-.00033	.00197	-.00100	-.00048	-.00054	-.00240	-.00325	.00010	.00217	.00039

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.444	-5.542	1.14910	-.14370	.09000	.03270	.04730	.05850	-.02630	-.00920	-.01410	-.02810
-8.356	-3.602	1.14910	-.11930	.07920	.03250	.04670	.04580	-.03570	-.00910	-.00640	-.02330
-8.248	.395	1.14950	-.06620	.07480	.03080	.04410	.01340	-.04110	-.00860	-.00410	-.01300
-8.116	4.324	1.15200	-.02130	.06760	.02750	.04010	-.01490	-.03280	-.00780	-.01060	-.00420
-8.030	6.307	1.15040	-.00450	.06180	.02520	.03660	-.02450	-.02600	-.00710	-.01610	-.00090
	GRADIENT	.00037	.01237	-.00146	-.00063	-.00083	-.00766	.00036	.00016	-.00053	.00241

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.225	-5.684	1.14950	-.09730	.08080	.03500	.04580	.04640	.02310	-.00890	-.03580	-.01900
-4.193	-3.740	1.15110	-.07890	.07820	.03410	.04410	.03590	.01660	-.00860	-.03190	-.01540
-3.950	.380	1.15090	-.03860	.07350	.03160	.04190	.01210	.01650	-.00810	-.03180	-.00750
-3.840	4.174	1.15160	-.00910	.06860	.03050	.03810	-.00810	.01690	-.00740	-.03390	-.00180
-3.831	6.211	1.14790	.00180	.06480	.02950	.03530	-.01540	.01790	-.00680	-.03610	.00040
	GRADIENT	.00006	.00883	-.00121	-.00046	-.00075	-.00556	.00004	.00015	-.00025	.00172

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.219	-6.513	1.14850	-.06220	.08170	.03650	.04530	.03760	.05370	-.00880	-.05450	-.01210
-.175	-4.387	1.15180	-.04910	.08020	.03600	.04420	.03010	.05040	-.00860	-.05230	-.00950
-.184	-.166	1.15100	-.02540	.07480	.03330	.04150	.01430	.04560	-.00800	-.05040	-.00490
-.155	4.010	1.14810	-.00470	.06670	.03020	.03650	-.00130	.03340	-.00710	-.04270	-.00090
-.138	6.129	1.14940	.00380	.06360	.02930	.03430	-.00800	.02770	-.00670	-.03990	.00080
	GRADIENT	-.00044	.00529	-.00161	-.00069	-.00092	-.00374	-.00202	.00018	.00114	.00102

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.670	-5.829	1.15080	-.01160	.07930	.03640	.04290	.01850	.05240	-.00830	-.05730	-.00220
4.621	-3.808	1.14820	-.00850	.07820	.03580	.04240	.01660	.04640	-.00820	-.05320	-.00160
4.529	.304	1.14910	-.00010	.07420	.03360	.04060	.00730	.03230	-.00790	-.04490	.00010
4.328	4.344	1.15030	.00800	.06920	.03150	.03770	-.00410	.02000	-.00730	-.03680	.00170
4.250	6.277	1.15180	.01120	.06640	.03030	.03610	-.00770	.01640	-.00700	-.03540	.00230
	GRADIENT	.00026	.00202	-.00110	-.00053	-.00058	-.00254	-.00324	.00011	.00201	.00040

IA183,AEDC PWT 16TF-519 O T S (L SRB) (R8PL19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.312	-5.756	1.24900	-.14830	.07890	.03460	.04440	.06280	-.02500	-.00860	-.00880	-.02900
-8.287	-3.757	1.24860	-.12460	.07730	.03370	.04360	.05050	-.02910	-.00850	-.00530	-.02430
-8.219	.255	1.25100	-.07420	.07260	.03080	.04180	.01820	-.04180	-.00810	.00010	-.01460
-8.165	4.261	1.24810	-.02830	.06560	.02770	.03790	-.01280	-.04130	-.00740	-.00370	-.00560
-8.112	6.266	1.24940	-.01090	.06070	.02580	.03490	-.02320	-.03450	-.00680	-.00930	-.00220
	GRADIENT	-.00006	.01201	-.00146	-.00075	-.00071	-.00789	-.00152	.00014	.00020	.00233

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.129	-5.833	1.25070	-.09810	.07970	.03620	.04250	.04790	.01570	-.00820	-.02960	-.01910
-4.028	-3.799	1.24900	-.07980	.07620	.03510	.04110	.03760	.01330	-.00800	-.02830	-.01560
-3.968	.178	1.25030	-.04420	.07190	.03200	.03990	.01520	.01000	-.00770	-.02650	-.00860
-3.867	4.118	1.25130	-.01460	.06680	.03010	.03670	-.00480	.01150	-.00710	-.02950	-.00280
-3.850	6.077	1.25080	-.00230	.06250	.02870	.03380	-.01310	.01280	-.00660	-.03190	-.00040
	GRADIENT	.00029	.00824	-.00119	-.00063	-.00056	-.00536	-.00023	.00011	-.00015	.00162

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.014	-6.537	1.24710	-.06030	.08050	.03790	.04260	.04010	.05360	-.00830	-.05330	-.01170
.030	-4.414	1.25130	-.04830	.07870	.03690	.04180	.03290	.05040	-.00810	-.05130	-.00940
.045	-.180	1.25130	-.02770	.07390	.03460	.03940	.01900	.04450	-.00760	-.04900	-.00530
.066	4.025	1.25210	-.00910	.06550	.03060	.03490	.00420	.03160	-.00680	-.04170	-.00170
.059	6.147	1.24940	-.00010	.06240	.02930	.03300	-.00350	.02600	-.00640	-.03930	.00000
	GRADIENT	.00009	.00465	-.00156	-.00075	-.00082	-.00340	-.00223	.00015	.00114	.00091

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.677	-5.902	1.24910	-.01560	.07850	.03770	.04070	.02360	.05410	-.00790	-.05980	-.00300
4.638	-3.894	1.25120	-.01160	.07630	.03640	.03990	.01970	.04430	-.00770	-.05240	-.00220
4.592	.216	1.24790	-.00220	.07270	.03380	.03890	.01020	.02810	-.00750	-.04190	-.00030
4.446	4.263	1.24860	.00680	.06790	.03170	.03620	-.00170	.01460	-.00700	-.03330	.00140
4.391	6.250	1.24840	.00910	.06530	.03060	.03470	-.00490	.01180	-.00670	-.03260	.00190
	GRADIENT	-.00032	.00226	-.00103	-.00058	-.00045	-.00262	-.00364	.00009	.00234	.00044

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-7.945	.00310	-.06250	.04470	.00890	.03510	.01910	.02290	.00680	.00140	.01220
.600	-5.906	.01640	-.04660	.04360	.01030	.03330	.01380	-.00020	.00650	.01370	.00910
.601	-3.822	.01660	-.03310	.04400	.01150	.03250	.01030	-.02010	.00630	.02600	.00650
.599	-1.756	.01540	-.02210	.04450	.01230	.03220	.00770	-.03290	.00620	.03510	.00440
.600	.268	.00570	-.01310	.04410	.01260	.03150	.00560	-.03700	.00610	.03890	.00260
.600	2.360	.00010	-.00160	.04320	.01210	.03100	.00120	-.03710	.00600	.04000	.00040
.599	4.400	.00360	.00740	.04390	.01300	.03090	-.00140	-.02870	.00600	.03420	-.00140
.600	6.476	-.00150	.01630	.04490	.01340	.03150	-.00270	-.01640	.00610	.02670	-.00320
.600	8.576	-.01050	.02680	.04570	.01330	.03240	-.00450	.00160	.00630	.01710	-.00520
	GRADIENT	-.00201	.00494	-.00007	.00014	-.00021	-.00145	-.00104	-.00004	.00104	-.00096

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-8.131	-.07860	-.06780	.05050	.01570	.03480	.01840	.04320	.00670	-.00190	.01340
.898	-5.983	-.03840	-.04920	.04860	.01620	.03240	.01280	.01410	.00630	.01140	.00980
.901	-3.987	-.01880	-.03430	.04900	.01770	.03130	.00800	-.00670	.00610	.02260	.00680
.900	-1.921	-.01660	-.02280	.04990	.01890	.03090	.00450	-.02170	.00600	.03170	[illegible]
.898	.185	-.01620	-.01240	.05050	.01990	.03060	.00040	-.03040	.00590	.03740	[illegible]
.899	2.257	-.01170	-.00230	.05150	.02040	.03110	-.00270	-.03580	.00600	.04040	.00050
.900	4.368	-.00860	.00890	.05280	.02060	.03220	-.00400	-.03180	.00630	.03790	-.00170
.900	6.409	-.02300	.02000	.05290	.02020	.03270	-.00660	-.01680	.00630	.03030	-.00390
.900	8.503	-.04820	.02960	.05410	.02000	.03410	-.00780	.00350	.00660	.02110	-.00580
	GRADIENT	.00121	.00512	.00044	.00035	.00010	-.00149	-.00307	.00002	.00188	-.00101

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.949	-8.234	-.03070	-.06790	.05510	.01790	.03710	.01610	.04240	.00720	-.00110	.01350
.950	-6.134	.01140	-.04920	.05590	.01970	.03620	.01060	.01460	.00700	.01190	.00980
.953	-3.922	.04010	-.03540	.05600	.02100	.03500	.00920	-.01350	.00680	.02670	.00700
.950	-1.856	.03580	-.02440	.05590	.02200	.03400	.00770	-.02830	.00660	.03630	.00490
.952	.245	.03130	-.01490	.05630	.02280	.03350	.00560	-.03490	.00650	.04140	.00300
.950	2.271	.02710	-.00450	.05690	.02270	.03420	.00000	-.03460	.00660	.04130	.00090
.948	4.368	.02590	.00710	.05780	.02300	.03490	-.00330	-.03180	.00680	.03950	-.00140
.949	6.450	.01550	.01940	.05790	.02240	.03550	-.00450	-.01560	.00690	.03130	-.00380
.948	8.475	-.01220	.03050	.05870	.02190	.03680	-.00760	.00420	.00710	.02150	-.00600
	GRADIENT	-.00179	.00507	.00022	.00023	-.00000	-.00158	-.00207	-.00000	.00148	-.00100

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
C -ELV = 5.000 IL-ELV = 9.900
CL ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.100	-8.293	-.01320	-.07290	.07470	.02740	.04720	.01690	.03680	.00920	.00790	.01440
1.099	-6.172	.03120	-.05400	.07380	.02830	.04550	.01280	.00710	.00880	.02160	.01060
1.102	-3.950	.06190	-.03810	.07360	.02940	.04420	.00970	-.01820	.00860	.03410	.00750
1.099	-1.838	.06510	-.02640	.07420	.03040	.04390	.00890	-.03900	.00850	.04680	.00510
1.099	.240	.06070	-.01680	.07410	.03070	.04340	.00800	-.04700	.00840	.05260	.00320
1.099	2.339	.05300	-.00760	.07360	.03080	.04280	.00560	-.04200	.00830	.05020	.00140
1.100	4.445	.05390	.00430	.07490	.03200	.04290	.00160	-.03470	.00830	.04550	-.00100
1.101	6.488	.02910	.01890	.07570	.03200	.04370	-.00520	-.01870	.00850	.03780	-.00380
1.102	8.516	-.00760	.03070	.07750	.03210	.04540	-.00890	-.00030	.00880	.02970	-.00620
	GRADIENT	-.00134	.00494	.00010	.00027	-.00018	-.00093	-.00172	-.00004	.00125	-.00099

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-9.701	-.15480	-.09190	.07170	.02900	.04260	.02180	.05700	.00830	-.00440	.01810
1.251	-7.309	-.10030	-.06850	.07050	.02950	.04100	.01780	.02660	.00800	.00860	.01350
1.251	-4.872	-.06900	-.04850	.07030	.03050	.03990	.01380	-.00170	.00770	.02320	.00950
1.249	-2.519	-.05290	-.03410	.07120	.03160	.03960	.01240	-.02550	.00770	.03680	.00660
1.249	-.191	-.04850	-.02320	.07210	.03280	.03930	.01330	-.04180	.00760	.04720	.00440
1.249	2.094	-.06430	-.01400	.07110	.03260	.03850	.01230	-.03930	.00750	.04730	.00260
1.251	4.341	-.06890	-.00040	.07110	.03290	.03820	.00670	-.03010	.00740	.04270	-.00010
1.252	6.449	-.09420	.01450	.07330	.03420	.03920	-.00090	-.01500	.00760	.03560	-.00300
1.250	8.724	-.12550	.02960	.07580	.03490	.04090	-.00680	.00450	.00790	.02730	-.00600
	GRADIENT	-.00047	.00505	.00007	.00025	-.00020	-.00062	-.00309	-.00003	.00216	-.00101

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PI.J2) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.601	-8.765	.00870	-.07020	.04350	.00780	.03580	.02220	.03210	.00690	-.00330	.01380
.601	-4.449	.01210	-.03680	.04330	.01070	.03260	.01100	-.01470	.00630	.02240	.00730
.600	-2.367	.01480	-.02520	.04420	.01170	.03250	.00820	-.03050	.00630	.03310	.00500
.600	-.120	.00920	-.01510	.04400	.01220	.03180	.00600	-.03680	.00620	.03840	.00300
.600	1.974	.00420	-.00360	.04310	.01190	.03130	.00190	-.03820	.00610	.04070	.00070
.600	4.091	.00500	.00610	.04360	.01270	.03090	-.00140	-.03070	.00600	.03530	-.00120
.599	8.432	-.02720	.02620	.04550	.01300	.03250	-.00470	-.00030	.00630	.01790	-.00520
	GRADIENT	-.00116	.00501	-.00002	.00020	-.00022	-.00145	-.00186	-.00004	.00156	-.00099

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.099	-8.253	-.01240	-.07220	.07470	.02750	.04720	.01660	.03630	.00920	.00830	.01430
1.102	-6.129	.03120	-.05380	.07370	.02840	.04530	.01280	.00730	.00880	.02150	.01060
1.099	-3.957	.06200	-.03780	.07350	.02930	.04420	.00950	-.01830	.00860	.03410	.00740
1.102	-1.884	.06420	-.02650	.07420	.03050	.04370	.00880	-.03820	.00850	.04620	.00520
1.101	.255	.05930	-.01660	.07410	.03080	.04330	.00800	-.04690	.00840	.05260	.00320
1.099	2.354	.05290	-.00730	.07370	.03080	.04280	.00550	-.04190	.00830	.05010	.00130
1.098	4.442	.05310	.00440	.07490	.03190	.04300	.00150	-.03500	.00830	.04570	-.00100
1.099	6.432	.03190	.01880	.07560	.03190	.04380	-.00520	-.01940	.00850	.03820	-.00380
1.099	8.563	-.00550	.03110	.07770	.03210	.04560	-.00910	-.00030	.00890	.03000	-.00620
	GRADIENT	-.00139	.00492	.00011	.00026	-.00016	-.00092	-.00176	-.00004	.00129	-.00098

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-9.660	-.15800	-.09160	.07160	.02900	.04260	.02190	.05680	.00830	-.00420	.01810
1.250	-7.234	-.09870	-.06760	.07050	.02970	.04090	.01760	.02600	.00790	.00890	.01330
1.248	-4.894	-.06940	-.04890	.07040	.03040	.04000	.01400	-.00180	.00780	.02340	.00960
1.249	-2.574	-.05530	-.03430	.07120	.03140	.03980	.01240	-.02520	.00770	.03670	.00670
1.251	-.183	-.05130	-.02310	.07200	.03280	.03920	.01330	-.04180	.00760	.04710	.00440
1.252	2.134	-.06630	-.01390	.07110	.03270	.03840	.01240	-.03900	.00750	.04720	.00260
1.251	4.285	-.06760	-.00070	.07120	.03310	.03810	.00700	-.03040	.00740	.04290	.00000
1.250	6.476	-.09240	.01480	.07330	.03410	.03920	-.00110	-.01490	.00760	.03560	-.00310
1.249	8.722	-.12450	.02970	.07590	.03480	.04100	-.00690	.00410	.00800	.02750	-.00600
	GRADIENT	-.00030	.00506	.00007	.00029	-.00023	-.00060	-.00312	-.00004	.00217	-.00101

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-8.290	-.12180	-.07710	.07110	.02950	.04160	.01870	.04080	.00810	.00240	.01520
1.251	-6.136	-.08500	-.05760	.06990	.02980	.04010	.01500	.01310	.00780	.01570	.01130
1.250	-3.911	-.05690	-.04200	.07050	.03090	.03950	.01310	-.01230	.00770	.02900	.00820
1.249	-1.787	-.04940	-.03020	.07160	.03210	.03950	.01260	-.03260	.00770	.04110	.00590
1.253	.348	-.05090	-.02050	.07190	.03290	.03890	.01340	-.04390	.00760	.04860	.00390
1.249	2.497	-.06100	-.01180	.07110	.03200	.03820	.01140	-.03660	.00740	.04570	.00220
1.253	4.514	-.07370	.00200	.07140	.03310	.03830	.00520	-.02830	.00740	.04190	-.00050
1.249	6.562	-.08950	.01590	.07380	.03430	.03940	-.00160	-.01360	.00770	.03490	-.00330
1.248	8.635	-.12560	.03000	.07590	.03470	.04110	-.00720	.00400	.00800	.02750	-.00610
	GRADIENT	-.00213	.00503	.00006	.00025	-.00018	-.00080	-.00172	-.00004	.00145	-.00100

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.102	-8.256	-.01120	-.07240	.07490	.02770	.04720	.01670	.03620	.00920	.00820	.01430
1.098	-6.159	.03110	-.05340	.07380	.02820	.04560	.01270	.00630	.00880	.02210	.01050
1.100	-4.018	.06110	-.03820	.07350	.02930	.04420	.00970	-.01800	.00860	.03400	.00750
1.098	-1.878	.06420	-.02630	.07430	.03040	.04390	.00880	-.03890	.00850	.04680	.00510
1.099	.222	.06050	-.01660	.07410	.03070	.04350	.00790	-.04700	.00840	.05260	.00320
1.102	2.375	.05230	-.00740	.07370	.03100	.04270	.00570	-.04140	.00830	.04980	.00130
1.102	4.428	.05280	.00420	.07490	.03200	.04290	.00180	-.03450	.00830	.04540	-.00090
1.100	6.503	.02790	.01920	.07590	.03210	.04380	-.00520	-.01830	.00850	.03770	-.00390
1.101	8.514	-.00280	.03120	.07760	.03220	.04540	-.00930	-.00090	.00880	.02980	-.00620
	GRADIENT	-.00135	.00490	.00010	.00028	-.00018	-.00089	-.00169	-.00004	.00123	-.00097

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.249	-9.658	-.15560	-.09150	.07170	.02900	.04270	.02190	.05670	.00830	-.00420	.01810
1.250	-7.257	-.09640	-.06780	.07060	.02970	.04090	.01770	.02540	.00790	.00920	.01330
1.251	-4.880	-.07090	-.04840	.07020	.03030	.03990	.01390	-.00250	.00770	.02360	.00950
1.249	-2.588	-.05570	-.03430	.07120	.03140	.03980	.01240	-.02540	.00770	.03690	.00670
1.249	-.150	-.04920	-.02290	.07210	.03290	.03920	.01330	-.04210	.00760	.04730	.00440
1.251	2.085	-.06710	-.01400	.07110	.03280	.03840	.01250	-.03920	.00740	.04730	.00260
1.252	4.326	-.07000	-.00020	.07110	.03290	.03610	.00660	-.02980	.00740	.04260	-.00010
1.251	6.434	-.09220	.01460	.07330	.03410	.03920	-.00110	-.01490	.00760	.03550	-.00300
1.250	8.724	-.12660	.02960	.07580	.03480	.04100	-.00680	.00430	.00800	.02740	-.00600
	GRADIENT	-.00039	.00505	.00008	.00029	-.00022	-.00062	-.00300	-.00004	.00212	-.00101

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.098	-8.257	-.01170	-.07230	.07490	.02770	.04720	.01660	.03630	.00920	.00830	.01430
1.100	-6.159	.03280	-.05390	.07370	.02830	.04540	.01280	.00710	.00880	.02150	.01060
1.102	-4.008	.06140	-.03810	.07350	.02930	.04420	.00960	-.01790	.00860	.03390	.00750
1.099	-1.870	.06380	-.02630	.07430	.03040	.04390	.00880	-.03890	.00850	.04670	.00510
1.102	.227	.06000	-.01670	.07400	.03080	.04320	.00800	-.04680	.00840	.05250	.00320
1.101	2.377	.05250	-.00730	.07370	.03100	.04270	.00570	-.04140	.00830	.04980	.00130
1.100	4.415	.05540	.00420	.07500	.03210	.04290	.00170	-.03470	.00830	.04550	-.00090
1.102	6.455	.02870	.01920	.07580	.03200	.04370	-.00530	-.01830	.00850	.03760	-.00390
1.099	8.568	.00420	.03220	.07760	.03220	.04550	-.00970	-.00100	.00880	.02950	-.00650
	GRADIENT	-.00111	.00491	.00011	.00029	-.00018	-.00089	-.00172	-.00004	.00126	-.00098

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.249	-9.627	-.15720	-.09110	.07170	.02900	.04270	.02190	.05630	.00830	-.00400	.01800
1.249	-7.258	-.09610	-.06780	.07060	.02970	.04090	.01790	.02510	.00790	.00940	.01330
1.252	-4.886	-.07030	-.04830	.07030	.03050	.03980	.01380	-.00210	.00770	.02330	.00950
1.251	-2.591	-.05600	-.03440	.07120	.03150	.03970	.01250	-.02530	.00770	.03670	.00670
1.249	-.190	-.05020	-.02300	.07200	.03270	.03930	.01330	-.04200	.00760	.04730	.00440
1.249	2.137	-.06370	-.01360	.07110	.03270	.03840	.01200	-.03850	.00750	.04680	.00250
1.250	4.297	-.06730	-.00030	.07120	.03300	.03820	.00660	-.02990	.00740	.04270	-.00010
1.251	6.439	-.09270	.01470	.07340	.03420	.03920	-.00110	-.01470	.00760	.03550	-.00310
1.251	8.727	-.12680	.02980	.07580	.03480	.04100	-.00680	.00450	.00800	.02730	-.00600
	GRADIENT	-.00006	.00505	.00007	.00027	-.00019	-.00064	-.00302	-.00003	.00214	-.00101

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-8.372	-.13420	-.06460	.04350	.00810	.03540	.01960	.03210	.00690	-.00320	.01270
.600	-6.211	-.11490	-.04670	.04300	.00940	.03360	.01370	.00550	.00650	.01060	.00910
.600	-4.036	-.11020	-.03320	.04300	.01060	.03240	.01030	-.01590	.00630	.02330	.00650
.600	-1.863	-.11510	-.02260	.04380	.01150	.03230	.00810	-.03060	.00630	.03350	.00440
.601	.242	-.12050	-.01350	.04330	.01170	.03170	.00600	-.03540	.00610	.03760	.00260
.600	2.392	-.13500	-.00230	.04260	.01120	.03140	.00190	-.03590	.00610	.03900	.00030
.599	4.532	-.13900	.00780	.04280	.01170	.03110	-.00140	-.02790	.00600	.03350	-.00160
.601	6.705	-.14270	.01710	.04390	.01220	.03170	-.00270	-.01500	.00620	.02600	-.00350
.600	8.866	-.16300	.02730	.04430	.01200	.03240	-.00470	.00250	.00630	.01670	-.00550
	GRADIENT	-.00362	.00478	.00007	.00009	-.00016	-.00138	-.00137	-.00004	.00121	-.00095

IA183.AEDC PWT 16TF-519 O T S (R SRB) (R8PR06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.899	-8.702	-.23830	-.07000	.05110	.01500	.03610	.01870	.05250	.00700	-.00630	.01380
.899	-6.406	-.19790	-.05050	.04990	.01590	03400	.01320	.02190	.00660	.00750	.00990
.899	-4.184	-.18040	-.03380	.04910	.01710	.03200	.00780	-.00290	.00620	.02080	.00660
.901	-1.999	-.17520	-.02230	.04980	.01850	.03130	.00440	-.02010	.00610	.03090	.00430
.901	.210	-.17500	-.01280	.05010	.01930	.03090	.00150	-.02930	.00600	.03660	.00250
.901	2.407	-.17760	-.00210	.05100	.01960	.03140	-.00210	-.03410	.00610	.03920	.00030
.901	4.630	-.18210	.00970	.05210	.01990	.03230	-.00400	-.02980	.00630	.03680	-.00200
.901	6.835	-.20320	.02110	.05230	.01920	.03310	-.00610	-.01350	.00640	.02870	-.00420
.902	9.070	-.24360	.03140	.05370	.01930	.03450	-.00820	.00820	.00670	.01920	-.00630
	GRADIENT	-.00027	.00487	.00033	.00030	.00003	-.00137	-.00307	.00001	.00183	-.00096

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.097	9.090	-.38950	-.07500	.07460	.02680	.04770	.01400	.05260	.00930	.00010	.01470
1.098	-6.727	-.33320	-.05410	.07330	.02770	.04560	.01060	.01720	.00880	.01630	.01050
1.098	-4.387	-.29230	-.03700	.07270	.02860	.04410	.00750	-.01130	.00860	.02960	.00710
1.101	-2.045	-.28010	-.02480	.07310	.02980	.04330	.00710	-.03520	.00840	.04350	.00470
1.101	.240	-.28400	-.01510	.07340	.03040	.04300	.00680	-.04410	.00830	.05000	.00270
1.103	2.522	-.29670	-.00560	.07310	.03040	.04270	.00480	-.03890	.00830	.04760	.00090
1.102	4.729	-.30220	.00730	.07460	.03150	.04310	.00020	-.03130	.00840	.04310	-.00170
1.102	6.889	-.33600	.02240	.07530	.03130	.04410	-.00670	-.01380	.00860	.03480	-.00460
1.101	9.116	-.37120	.03660	.07670	.03100	.04560	-.01130	.00540	.00890	.02580	-.00740
	GRADIENT	-.00158	.00473	.00017	.00028	-.00011	-.00074	-.00194	-.00002	.00138	-.00094

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-9.161	-.25230	-.08570	.07190	.02920	.04270	.01890	.05580	.00830	-.00490	.01690
1.251	-6.751	-.20190	-.06410	.07070	.02950	.04110	.01530	.02530	.00800	.00840	.01250
1.251	-4.329	-.16840	-.04510	.07070	.03060	.04010	.01230	-.00480	.00780	.02400	.00880
1.249	-2.020	-.15560	-.03120	.07160	.03200	.03970	.01100	-.02730	.00770	.03710	.00600
1.249	.336	-.15510	-.02150	.07230	.03320	.03910	.01260	-.04230	.00760	.04670	.00400
1.249	2.658	-.18020	-.01160	.07150	.03290	.03860	.01160	-.03770	.00750	.04600	.00210
1.250	4.827	-.19220	.00210	.07160	.03310	.03850	.00530	-.02810	.00750	.04130	-.00060
1.251	7.024	-.21950	.01700	.07360	.03420	.03940	-.00190	-.01250	.00760	.03370	-.00350
1.250	9.255	-.26200	.03220	.07530	.03420	.04110	-.00750	.00650	.00800	.02550	-.00650
	GRADIENT	-.00312	.00495	.00007	.00026	-.00019	-.00057	-.00251	-.00003	.00191	-.00099

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.248	-9.132	-.21690	-.08620	.07240	.02940	.04290	.01930	.05550	.00830	-.00500	.01690
1.247	-6.742	-.16980	-.06250	.07100	.02980	.04120	.01520	.02190	.00800	.00990	.01220
1.249	-4.358	-.14850	-.04410	.07070	.03060	.04010	.01210	-.00630	.00780	.02470	[illegible]
1.250	-1.989	-.14170	-.02990	.07140	.03190	.03950	.01070	-.02850	.00770	.03760	[illegible]
1.249	.363	-.15260	-.02000	.07210	.03290	.03910	.01220	-.04220	.00760	.04670	[illegible]
1.251	2.675	-.18140	-.01040	.07100	.03250	.03850	.01090	-.03580	.00750	.04470	.00180
1.249	4.839	-.20560	.00480	.07180	.03310	.03870	.00340	-.02570	.00750	.04000	-.00120
1.251	7.052	-.24350	.01870	.07380	.03410	.03970	-.00270	-.01030	.00770	.03260	-.00390
1.248	9.239	-.29380	.03350	.07530	.03400	.04130	-.00800	.00840	.00800	.02440	-.00683
	GRADIENT	-.00663	.00508	.00008	.00024	-.00017	-.00073	-.00205	-.00003	.00166	-.00101

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.549	-3.875	.06580	-.04480	.06270	.03070	.03200	.01550	-.00380	.00620	.02110	.00880
1.549	-1.530	.07040	-.03100	.06370	.03200	.03170	.01430	-.02480	.00620	.03440	.00600
1.550	-.326	.07030	-.02520	.06440	.03270	.03180	.01500	-.03340	.00620	.04040	.00490
1.550	.874	.06350	-.01960	.06470	.03300	.03170	.01530	-.03720	.00620	.04370	.00370
1.549	3.190	.02920	-.00980	.06390	.03210	.03190	.01420	-.02980	.00620	.04220	.00180
1.550	5.414	.00970	.00400	.06470	.03280	.03190	.00800	-.02010	.00620	.03910	-.00100
1.550	6.517	-.00170	.01090	.06590	.03390	.03200	.00560	-.01200	.00620	.03530	-.00230
	GRADIENT	-.00493	.00493	.00020	.00022	-.00003	-.00012	-.00384	.00000	.00308	-.00099

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.550	-6.561	-.29640	-.06630	.06260	.03000	.03260	.01880	.03170	.00630	.00000	.01300
1.550	-4.219	-.27810	-.04570	.06250	.03050	.03190	.01420	.00440	.00620	.01570	.00890
1.550	-1.853	-.27360	-.03100	.06300	.03150	.03150	.01290	-.01840	.00610	.02990	.00600
1.550	.545	-.28270	-.01990	.06390	.03280	.03110	.01410	-.03400	.00600	.04130	.00380
1.550	2.907	-.31670	-.01020	.06430	.03320	.03110	.01420	-.03000	.00600	.04220	.00180
1.549	5.104	-.33780	.00350	.06330	.03210	.03120	.00760	-.01990	.00600	.03840	-.00090
1.552	6.220	-.35410	.01090	.06410	.03270	.03140	.00450	-.01250	.00610	.03480	-.00230
	GRADIENT	-.00525	.00495	.00027	.00040	-.00012	.00005	-.00500	-.00003	.00382	-.00099

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE - .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-6.504	-.04290	.00620	.03800	.01100	.02700	-.00950	-.02440	.00520	.03290	-.00130
.600	-4.436	-.02410	-.00140	.03920	.01100	.02820	-.00340	-.02600	.00550	.03250	.00030
.600	-.306	-.00920	-.01480	.04350	.01150	.03200	.00630	-.03500	.00620	.03710	.00290
.601	3.805	.00240	-.02860	.04770	.01280	.03500	.01530	-.04460	.00680	.04350	.00560
.600	5.873	.00150	-.03710	.05000	.01340	.03670	.02060	-.04830	.00710	.04590	.00720
	GRADIENT	.00322	-.00330	.00103	.00022	.00083	.00227	-.00226	.00016	.00133	.00064

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-6.670	-.12740	.01180	.04690	.01900	.02790	-.01700	-.02400	.00540	.03630	-.00240
.899	-4.566	-.11820	.00330	.04750	.01900	.02850	-.01090	-.02390	.00550	.03470	-.00070
.901	-.381	-.15620	-.01340	.05000	.01900	.03100	.00070	-.02780	.00600	.03560	.00260
.900	3.773	-.11660	-.03380	.05340	.01940	.03400	.01570	-.03810	.00660	.04190	.00650
.900	5.863	-.10230	-.04270	.05640	.02020	.03620	.02190	-.04570	.00700	.04700	.00820
	GRADIENT	.00018	-.00445	.00071	.00005	.00066	.00319	-.00170	.00013	.00086	.00086

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.949	-6.695	-.15540	.00930	.04930	.02070	.02850	-.01290	-.02190	.00550	.03640	-.00200
.949	-4.588	-.13490	.00040	.05120	.02140	.02970	-.00610	-.02310	.00580	.03560	-.00020
.950	-.391	-.15580	-.01520	.05520	.02170	.03350	.00510	-.03200	.00650	.03920	.00280
.950	3.777	-.13620	-.03360	.06060	.02300	.03760	.01790	-.04410	.00730	.04660	.00640
.950	5.869	-.13760	-.04230	.06240	.02330	.03910	.02290	-.05040	.00760	.05060	.00810
	GRADIENT	-.00016	-.00406	.00112	.00019	.00094	.00287	-.00251	.00018	.00131	.00079

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.101	-6.737	-.21410	.01080	.06370	.02720	.03650	-.01440	-.02880	.00710	.04240	-.00240
1.098	-4.606	-.19200	.00130	.06610	.02790	.03820	-.00660	-.03080	.00740	.04220	-.00050
1.097	-.395	-.21980	-.01660	.07250	.02950	.04300	.00700	-.04400	.00840	.04970	.00300
1.099	3.775	-.179 0	-.03870	.07900	.03190	.04710	.02300	-.05450	.00920	.05610	.00730
1.101	5.890	-.15870	-.05060	.08110	.03350	.04760	.03110	-.05590	.00920	.05630	.00960
	GRADIENT	.00145	-.00477	.00154	.00048	.00106	.00353	-.00283	.00021	.00166	.00093

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.148	-6.750	-.18540	.00980	.06250	.02840	.03410	-.01400	-.02830	.00660	.04200	-.00190
1.152	-4.610	-.15540	-.00020	.06530	.02920	.03610	-.00600	-.03090	.00700	.04190	.00000
1.151	-.392	-.18280	-.01870	.07230	.03130	.04100	.00820	-.04350	.00800	.04900	.00360
1.148	3.784	-.16910	-.04040	.07830	.03380	.04450	.02340	-.05220	.00860	.05410	.00790
1.149	5.897	-.15960	-.05220	.08080	.03520	.04550	.03140	-.05510	.00880	.05570	.01020
	GRADIENT	-.00164	-.00479	.00155	.00055	.00100	.00350	-.00254	.00019	.00145	.00094

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.247	-6.770	.01120	.00510	.06140	.02880	.03260	-.00900	-.02510	.00630	.03990	-.00100
1.251	-4.635	.04630	-.00390	.06370	.02940	.03430	-.00140	-.02890	.00670	.04070	.00070
1.251	-.399	.05500	-.02170	.07180	.03280	.03900	.01340	-.04130	.00760	.04690	.00420
1.252	3.803	.07000	-.04010	.07790	.03550	.04240	.02670	-.05080	.00820	.05190	.00780
1.249	5.914	.05880	-.04980	.08020	.03680	.04350	.03310	-.05410	.00840	.05410	.00970
	GRADIENT	.00281	-.00429	.00168	.00072	.00096	.00333	-.00260	.00018	.00133	.00084

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-6.511	-.03970	.00520	.03790	.01130	.02660	-.00890	-.02450	.00520	.03340	-.00100
.600	-4.415	-.02050	-.00240	.03930	.01140	.02790	-.00290	-.02620	.00540	.03300	.00050
.600	-2.354	-.02110	-.00830	.04140	.01150	.02990	.00140	-.03040	.00580	.03480	.00160
.600	-.295	-.01080	-.01580	.04380	.01200	.03180	.00680	-.03540	.00620	.03760	.00310
.600	1.761	-.00500	-.02210	.04590	.01260	.03330	.01120	-.04090	.00650	.04150	.00430
.600	3.820	-.00450	-.02910	.04820	.01320	.03490	.01570	-.04520	.00680	.04420	.00570
.600	5.874	-.00120	-.03680	.05010	.01370	.03640	.02070	-.04910	.00710	.04670	.00720
	GRADIENT	.00234	-.00326	.00108	.00023	.00085	.00228	-.00236	.00017	.00141	.00064

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-6.674	-.12610	.01100	.04660	.01900	.02760	-.01650	-.02330	.00540	.03600	-.00210
.900	-4.565	-.11770	.00240	.04730	.01930	.02810	-.01030	-.02320	.00550	.03450	-.00050
.900	-2.461	-.13630	-.00600	.04910	.01940	.02970	-.00440	-.02370	.00580	.03340	.00120
.899	-.391	-.15730	-.01390	.05030	.01930	.03100	.00100	-.02760	.00600	.03550	.00270
.899	1.688	-.14970	-.02400	.05080	.01920	.03150	.00850	-.03230	.00610	.03830	.00470
.899	3.775	-.12050	-.03350	.05340	.01980	.03360	.01540	-.03800	.00650	.04200	.00650
.900	5.854	-.11350	-.04250	.05660	.02060	.03600	.02140	-.04540	.00700	.04700	.00930
	GRADIENT	-.00089	-.00431	.00067	.00004	.00061	.00309	-.00183	.00011	.00095	.00084

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-6.014	.14810	.00520	.03840	.01190	.02640	-.00820	-.02550	.00510	.03340	-.00110
.599	-3.938	.14750	-.00210	.03950	.01170	.02780	-.00250	-.02760	.00540	.03350	.00040
.599	-1.862	.12690	-.00830	.04170	.01190	.02980	.00180	-.03180	.00580	.03530	.00160
.600	.182	.12390	-.01540	.04390	.01230	.03160	.00690	-.03690	.00610	.03850	.00300
.600	2.237	.11310	-.02300	.04590	.01280	.03300	.01210	-.04240	.00640	.04240	.00450
.599	4.293	.11420	-.03040	.04830	.01340	.03490	.01700	-.04650	.00680	.04490	.00590
.601	6.367	.10830	-.03730	.05020	.01400	.03620	.02150	-.05110	.00700	.04800	.00730
	GRADIENT	-.00391	-.00347	.00106	.00021	.00085	.00240	-.00235	.00017	.00145	.00068

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.899	-6.078	.07960	.01050	.04740	.01980	.02760	-.01600	-.02470	.00540	.03540	-.00210
.899	-3.985	.05580	.00220	.04810	.01990	.02830	-.01020	-.02370	.00550	.03340	-.00040
.899	-1.898	.03060	-.00620	.04960	.01990	.02980	-.00410	-.02560	.00580	.03390	.00120
.900	.206	.00680	-.01460	.05010	.01950	.03060	.00190	-.03030	.00590	.03720	.00280
.901	2.278	.01580	-.02480	.05120	.01950	.03160	.00970	-.03500	.00610	.04010	.00480
.901	4.354	.04340	-.03490	.05440	.02030	.03410	.01730	-.04130	.00660	.04400	.00680
.900	6.460	.04850	-.04400	.05790	.02120	.03670	.02360	-.04960	.00710	.04940	.00860
	GRADIENT	-.00191	-.00445	.00068	.00003	.00064	.00330	-.00214	.00012	.00131	.00086

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.097	-6.153	.21020	.00990	.06490	.02820	.03660	-.01310	-.02880	.00710	.04200	-.00200
1.098	-4.014	.20760	.00090	.06760	.02890	.03860	-.00610	-.03250	.00750	.04320	-.00020
1.100	1.912	.19120	-.00850	.07170	.03050	.04130	.00120	-.03910	.00800	.04720	.00160
1.102	.177	.15390	-.01850	.07410	.03090	.04320	.00860	-.04710	.00840	.05220	.00350
1.100	2.290	.18220	-.03010	.07850	.03290	.04560	.01750	-.05180	.00890	.05500	.00580
1.103	4.362	.20370	-.04070	.08050	.03390	.04660	.02490	-.05570	.00900	.05690	.00790
1.098	6.479	.19590	-.05050	.08200	.03430	.04770	.03110	-.06080	.00930	.06010	.00980
	GRADIENT	-.00081	-.00500	.00156	.00059	.00097	.00374	-.00282	.00019	.00168	.00097

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.248	-6.169	.15010	.00490	.06130	.02850	.03280	-.00930	-.02670	.00640	.04000	-.00100
1.249	-4.041	.16400	-.00450	.06370	.02910	.03460	-.00150	-.03080	.00670	.04130	.00080
1.250	-1.902	.15260	-.01310	.06780	.03070	.03710	.00540	-.03710	.00720	.04450	.00250
1.250	.196	.14760	-.02380	.07200	.03280	.03920	.01410	-.04340	.00760	.04770	.00450
1.252	2.310	.14060	-.03350	.07490	.03410	.04080	.02110	-.04800	.00790	.05050	.00650
1.251	4.397	.15690	-.04330	.07760	.03540	.04210	.02800	-.05100	.00820	.05220	.00840
1.250	6.523	.14230	-.05330	.07940	.03650	.04290	.03470	-.05500	.00830	.05470	.01030
	GRADIENT	-.00125	-.00465	.00166	.00076	.00089	.00354	-.00243	.00018	.00132	.00091

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-7.959	5.919	.60030	-.01140	.03760	.00820	.02950	-.01310	.02260	.00570	.00740	.00230
-7.989	-3.907	.60110	-.02840	.04120	.00890	.03230	-.00280	.02670	.00630	.00210	.00570
-7.950	-.010	.59980	-.06310	.04400	.00900	.03500	.01920	.02240	.00680	.00170	.01250
-7.952	3.914	.59980	-.09140	.04660	.00970	.03690	.03320	.00970	.00720	.01070	.01800
-7.994	5.924	.60030	-.10940	.04820	.01050	.03770	.04270	.00230	.00730	.01580	.02150
	GRADIENT	-.00017	-.00805	.00069	.00010	.00059	.00460	-.00217	.00012	.00110	.00157

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-3.930	-5.911	.59970	-.00130	.03880	.01140	.02740	-.01120	-.01330	.00530	.02600	.00040
-3.897	-3.922	.60030	-.01260	.04110	.01160	.02950	-.00350	-.01300	.00570	.02340	.00260
-3.794	.014	.59990	-.03340	.04440	.01180	.03250	.01030	-.02070	.00630	.02650	.00670
-3.809	3.854	.59970	-.05710	.04750	.01250	.03500	.02390	-.02780	.00680	.03090	.01130
-3.809	5.804	.60020	-.06980	.04980	.01320	.03670	.03150	-.03190	.00710	.03350	.01370
	GRADIENT	-.00008	-.00572	.00082	.00012	.00071	.00352	-.00190	.00014	.00096	.00112

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.043	-6.504	.60020	.00620	.03800	.01100	.02700	-.00950	-.02440	.00520	.03290	-.00130
-.024	-4.436	.60010	-.00140	.03920	.01100	.02820	-.00340	-.02600	.00550	.03250	.00030
-.009	-.306	.60040	-.01480	.04350	.01150	.03200	.00630	-.03500	.00620	.03710	.00290
.002	3.805	.60090	-.02860	.04770	.01280	.03500	.01530	-.04460	.00680	.04350	.00560
.001	5.873	.60000	-.03710	.05000	.01340	.03670	.02060	-.04830	.00710	.04590	.00720
	GRADIENT	.00010	-.00330	.00103	.00022	.00083	.00227	-.00226	.00016	.00133	.00064

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.424	-6.138	.60000	.01060	.04180	.01370	.02810	-.00670	-.01470	.00550	.02500	-.00210
4.424	-4.124	.59980	.00890	.04180	.01330	.02860	-.00430	-.01740	.00550	.02610	-.00170
4.481	.001	.60070	.00770	.04400	.01320	.03090	-.00140	-.02880	.00600	.03420	-.00150
4.365	4.087	.60010	.00380	.04860	.01420	.03440	.00280	-.04080	.00670	.04300	-.00070
4.304	6.080	.59910	.00170	.05070	.01440	.03620	.00460	-.04530	.00700	.04630	-.00030
	GRADIENT	.00004	-.00062	.00083	.00011	.00071	.00086	-.00285	.00015	.00206	.00012

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.027	-6.018	.59950	-.01070	.03660	.00730	.02930	-.01310	.02300	.00570	.00730	.00210
-7.928	-3.892	.60060	-.02890	.04090	.00830	.03270	-.00160	.02650	.00630	.00190	.00570
-7.942	-.020	.59950	-.06410	.04330	.00820	.03510	.02030	.02340	.00680	.00130	.01260
-7.909	3.968	.59990	-.09210	.04590	.00900	.03690	.03440	.00900	.00720	.01110	.01810
-7.993	5.885	.60020	-.11000	.04720	.00960	.03760	.04360	.00260	.00730	.01550	.02160
	GRADIENT	-.00009	-.00804	.00064	.00009	.00053	.00458	-.00223	.00011	.00118	.00158

IA183,AEDC PWT 16TF-519 O T S (R SRB)

(R8PR14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-3.931	-5.901	.59930	-.00140	.03780	.01040	.02740	-.01050	-.01310	.00530	.02570	.00030
-3.843	-3.872	.59900	-.01290	.04030	.01050	.02980	-.00270	-.01280	.00580	.02290	.00250
-3.843	.008	.60010	-.02390	.04320	.01070	.03250	.01100	-.01960	.00630	.02560	.00660
-3.811	3.852	.60020	-.05[illegible]40	.04620	.01140	.03480	.02400	-.02760	.00680	.03060	.01100
-3.824	5.825	.59900	-.07040	.04890	.01220	.03670	.03220	-.03170	.00710	.03320	.01380
	GRADIENT	.00016	-.00563	.00076	.00012	.00065	.00346	-.00192	.00013	.00100	.00110

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.043	-6.504	.60020	.00620	.03800	.01100	.02700	-.00950	-.02440	.00520	.03290	-.00130
-.024	-4.436	.60010	-.00140	.03920	.01100	.02820	-.00340	-.02600	.00550	.03250	.00030
-.009	-.306	.60040	-.01480	.04350	.01150	.03200	.00630	-.03500	.00620	.03710	.00290
.002	3.805	.60090	-.02860	.04770	.01280	.03500	.01530	-.04460	.00680	.04350	.00560
.001	5.873	.60000	-.03710	.05000	.01340	.03670	.02060	-.04830	.00710	.04590	.00720
	GRADIENT	.00010	-.00330	.00103	.00022	.00083	.00227	-.00226	.00016	.00133	.00064

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.435	-6.120	.60050	.01030	.04080	.01270	.02820	-.00590	-.01430	.00550	.02450	-.00220
4.444	-4.152	.60270	.00870	.04080	.01210	.02860	-.00390	-.01700	.00560	.02560	-.00180
4.459	-.008	.59930	.00710	.04310	.01210	.03100	-.00080	-.02900	.00600	.03410	-.00150
4.360	4.100	.59980	00360	.04760	.01310	.03460	.00320	-.04050	.00670	.04250	-.00080
4.331	6.121	.59870	.00130	.04970	.01330	.03640	.00520	-.04490	.00710	.04580	-.00040
	GRADIENT	-.00035	-.00062	.00082	.00012	.00073	.00086	-.00285	.00013	.00205	.00012

IA183.AEDC PWT 16TF-519 O T S (R SRB) (R8PR15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.126	-6.002	.89940	-.01210	.04120	.01240	.02880	-.01540	.04010	.00560	.00350	.00240
-8.090	-3.963	.89930	-.03050	.04670	.01450	.03220	-.00420	.04540	.00620	-.00140	.00600
-8.099	-.078	.90070	-.06820	.05010	.01490	.03520	.01930	.04280	.00680	-.00150	.01340
-8.124	3.850	.90070	-.10090	.05100	.01630	.03470	.03680	.02900	.00670	.00690	.01970
-8.145	5.858	.89930	-.11860	.05340	.01710	.03630	.04520	.02050	.00700	.01250	.02320
	GRADIENT	.00018	-.00901	.00055	.00023	.00032	.00525	-.00210	.00006	.00106	.00175

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.039	-6.024	.89970	.00120	.04360	.01660	.02710	-.01580	-.00220	.00530	.02470	-.00030
-3.979	-3.984	.89960	-.01080	.04700	.01750	.02950	-.00730	-.00110	.00570	.02160	.00200
-3.924	-.023	.90040	-.03450	.04870	.01700	.03170	.00890	-.00780	.00620	.02340	.00660
-3.895	3.867	.89950	-.06130	.05300	.01910	.03390	.02510	-.01610	.00660	.02730	.01190
-3.885	5.807	.90020	-.07520	.05580	.01980	.03590	.03300	-.02250	.00700	.03140	.01460
	GRADIENT	-.00001	-.00643	.00076	.00020	.00056	.00413	-.00191	.00011	.00073	.00126

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.127	-6.670	.89980	.01180	.04690	.01900	.02790	-.01700	-.02400	.00540	.03630	-.00240
-.118	-4.566	.89930	.00330	.04750	.01900	.02850	-.01090	-.02390	.00550	.03470	-.00070
-.156	-.381	.90070	-.01340	.05000	.01900	.03100	.00070	-.02780	.00600	.03560	.00260
-.117	3.773	.90040	-.03380	.05340	.01940	.03400	.01570	-.03810	.00660	.04190	.00650
-.102	5.863	.90010	-.04270	.05640	.02020	.03620	.02190	-.04570	.00700	.04700	.00820
	GRADIENT	.00013	-.00445	.00071	.00005	.00066	.00319	-.00170	.00013	.00086	.00086

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.474	-6.128	.89930	.01300	.04940	.02000	.02940	-.00760	-.01600	.00570	.02840	-.00270
4.448	-4.103	.90010	.01150	.05040	.01990	.03050	-.00610	-.01990	.00590	.03010	-.00240
4.395	-.015	.89990	.00850	.05240	.02000	.03240	-.00340	-.03210	.00630	.03810	-.00190
4.322	4.030	.89900	-.00070	.05600	.02060	.03540	.00390	-.04020	.00690	.04390	-.00010
4.274	5.994	.90000	-.00600	.05790	.02080	.03710	.00790	-.04560	.00720	.04850	.00100
	GRADIENT	-.00014	-.00150	.00069	.00009	.00060	.00123	-.00250	.00012	.00170	.00028

IA183,AEDC PWT 16TF-519 O T S (R SR8)

(R8PR16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.273	-6.048	.94920	-.01040	.04420	.01410	.03010	-.01960	.03830	.00580	.00530	.00200
-8.218	-4.013	.95080	-.02810	.05010	.01640	.03370	-.00870	.04280	.00650	.00050	.00550
-8.193	-.044	.94950	-.06710	.05480	.01730	.03750	.01630	.04140	.00730	-.00060	.01310
-8.158	3.897	.94900	-.10550	.05540	.01900	.03640	.03770	.03110	.00710	.00640	.02060
-8.172	5.874	.94930	.12460	.05760	.01980	.03770	.04720	.02340	.00730	.01200	.02430
	GRADIENT	-.00023	-.00979	.00067	.00033	.00034	.00587	-.00148	.00008	.00074	.00191

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.085	-5.948	.95010	.00160	.04820	.01930	.02890	-.01600	-.00760	.00560	.02810	-.00040
-4.100	-4.005	.94950	-.00960	.05240	.02020	.03220	-.00880	-.00500	.00630	.02410	.00170
-3.989	.037	.94890	-.03570	.05520	.02010	.03510	.00960	-.01210	.00680	.02590	.00680
-3.876	3.886	.94990	-.06440	.05920	.02230	.03700	.02710	-.01970	.00720	.03000	.01240
-3.897	5.852	.95020	-.07850	.06030	.02230	.03800	.03430	-.02460	.00740	.03360	.01520
	GRADIENT	.00005	-.00694	.00086	.00026	.00061	.00455	-.00186	.00011	.00075	.00136

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.155	-6.695	.94940	.00930	.04930	.02070	.02850	-.01290	-.02190	.00550	.03640	-.00200
-.135	-4.588	.94940	.00040	.05120	.02140	.02970	-.00610	-.02310	.00580	.03560	-.00020
-.156	-.391	.94950	-.01520	.05520	.02170	.03350	.00510	-.03200	.00650	.03920	.00280
-.136	3.777	.94980	-.03360	.06060	.02300	.03760	.01790	-.04410	.00730	.04660	.00640
-.138	5.869	.94950	-.04230	.06240	.02330	.03910	.02290	-.05040	.00760	.05060	.00810
	GRADIENT	.00005	-.00406	.00112	.00019	.00094	.00287	-.00251	.00018	.00131	.00079

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.509	-6.084	.94830	.01160	.05230	.02120	.03110	-.00610	-.01490	.00600	.02900	-.00250
4.458	-4.046	.95100	.01000	.05400	.02200	.03220	-.00510	-.01970	.00640	.03130	-.00220
4.416	.022	.95090	.00680	.05790	.02260	.03530	-.00240	-.03160	.00690	.03940	-.00160
4.309	4.054	.94920	-.00310	.06230	.02310	.03920	.00730	-.03940	.00760	.04550	.00030
4.278	5.997	.94990	-.00820	.06430	.02340	.04090	.01170	-.04580	.00790	.05030	.00130
	GRADIENT	-.00022	-.00162	.00093	.00014	.00079	.00153	-.00243	.00015	.00175	.00031

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.376	-6.080	1.09900	-.00820	.06180	.02280	.03900	-.02580	.03320	.00760	.01210	.00150
-8.296	-4.004	1.09880	-.02840	.06720	.02510	.04210	-.01250	.03910	.00820	.00700	.00550
-8.243	-.005	1.09750	-.07310	.07380	.02680	.04710	.01710	.03810	.00910	.00670	.01420
-8.225	3.888	1.09760	-.11880	.07780	.02840	.04940	.04480	.02680	.00960	.01410	.02310
-8.238	5.901	1.09740	-.13980	.07920	.02910	.05010	.05540	.01620	.00970	.02180	.02720
	GRADIENT	-.00015	-.01145	.00134	.00042	.00093	.00726	-.00155	.00018	.00090	.00223

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.204	-5.971	1.10050	.00540	.06390	.02650	.03740	-.02210	-.01190	.00730	.03330	-.00120
-4.138	-3.940	1.10020	-.00880	.06720	.02720	.04000	-.01170	-.01060	.00780	.02940	.00150
-3.967	.064	1.10090	-.03840	.07250	.02860	.04390	.01000	-.01670	.00850	.03250	.00730
-3.889	3.888	1.09870	-.07130	.07770	.03070	.04690	.03100	-.02490	.00910	.03770	.01370
-3.873	5.868	1.09740	-.08780	.08050	.03170	.04890	.04080	-.03050	.00950	.04120	.01690
	GRADIENT	-.00019	-.00798	.00134	.00045	.00088	.00545	-.00182	.00017	.00106	.00156

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.214	-6.737	1.10120	.01080	.06370	.02720	.03650	-.01440	-.02880	.00710	.04240	-.00240
-.192	-4.606	1.09850	.00130	.06610	.02790	.03820	-.00660	-.03080	.00740	.04220	-.00050
-.220	-.395	1.09750	-.01660	.07250	.02950	.04300	.00700	-.04400	.00840	.04970	.00300
-.180	3.775	1.09880	-.03870	.07900	.03190	.04710	.02300	-.05450	.00920	.05610	.00730
-.159	5.890	1.10120	-.05060	.08110	.03350	.04760	.03110	-.05590	.00920	.05630	.00960
	GRADIENT	.00004	-.00477	.00154	.00048	.00106	.00353	-.00283	.00021	.00166	.00093

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.607	-6.104	1.10090	.01380	.06740	.02920	.03830	-.00850	-.01500	.00740	.03330	-.00310
4.594	-4.080	1.10010	.01220	.07090	.03060	.04030	-.00680	-.02010	.00780	.03590	-.00270
4.501	.056	1.10170	.00390	.07440	.03170	.04270	.00250	-.03400	.00830	.04480	-.00110
4.328	4.075	1.09740	-.00600	.07770	.03160	.04610	.01130	-.04460	.00900	.05250	.00080
4.285	6.017	1.09840	-.01060	.07910	.03240	.04680	.01540	-.05220	.00910	.05780	.00170
	GRADIENT	-.00033	-.00223	.00083	.00012	.00071	.00222	-.00301	.00015	.00204	.00043

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.333	-5.979	1.14910	-.01210	.06190	.02440	.03750	-.02450	.03500	.00730	.01040	.00250
-8.299	-4.017	1.14910	-.03190	.06690	.02670	.04030	-.01120	.04090	.00780	.00560	.00640
-8.285	-.019	1.14950	-.07690	.07410	.02900	.04510	.01860	.03950	.00870	.00490	.01520
-8.259	3.899	1.15200	-.12160	.07800	.03090	.04710	.04600	.02650	.00910	.01330	.02380
-8.222	5.871	1.15040	-.14310	.07900	.03150	.04750	.05760	.01570	.00920	.02050	.02810
	GRADIENT	.00037	-.01133	.00140	.00053	.00086	.00723	-.00181	.00016	.00097	.00220

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.162	-5.952	1.14950	.00300	.06300	.02760	.03540	-.02130	-.01070	.00690	.03190	-.00050
-4.158	-3.990	1.15110	-.01110	.06630	.02850	.03780	-.01110	-.00850	.00730	.02790	.00220
-3.963	.137	1.15090	-.04250	.07260	.03050	.04210	.01270	-.01580	.00820	.03140	.00830
-3.903	3.918	1.15160	-.07430	.07790	.03290	.04500	.03330	-.02370	.00870	.03640	.01450
-3.923	5.945	1.14790	-.09130	.08070	.03410	.04660	.04360	-.02880	.00900	.03930	.01780
	GRADIENT	.00006	-.00799	.00147	.00056	.00091	.00562	-.00192	.00018	.00107	.00155

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.185	-6.750	1.14850	.00980	.06250	.02840	.03410	-.01400	-.02830	.00660	.04200	-.00190
-.155	-4.610	1.15180	-.00020	.06530	.02920	.03610	-.00600	-.03090	.00700	.04190	.00000
-.133	- 392	1.15100	-.01870	.07230	.03130	.04100	.00820	-.04350	.00800	.04900	.00360
-.169	3.784	1.14810	-.04040	.07830	.03380	.04450	.02340	-.05220	.00860	.05410	.00790
-.160	5.897	1.14940	-.05220	.08080	.03520	.04550	.03140	-.05510	.00880	.05570	.01020
	GRADIENT	-.00044	-.00479	.00155	.00055	.00100	.00350	-.00254	.00019	.00145	.00094

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.636	-6.103	1.15080	.01380	.06660	.03050	.03610	-.00870	-.01400	.00700	.03320	-.00280
4.591	-4.071	1.14820	.01140	.07010	.03170	.03840	-.00620	-.01880	.00750	.03530	-.00230
4.544	.036	1.14910	.00180	.07440	.03340	.04090	.00460	-.03300	.00790	.04410	-.00050
4.376	4.070	1.15030	-.00810	.07790	.03430	.04360	.01300	-.04300	.00850	.05120	.00150
4.313	5.989	1.15180	-.01190	.07900	.03480	.04430	.01640	-.05080	.00860	.05670	.00220
	GRADIENT	.00026	-.00240	.00096	.00032	.00064	.00236	-.00297	.00012	.00195	.00047

IA183,AEDC PWT 16TF-519 O T S (R SRB) (R8PR19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.195	-6.146	1.24900	-.01340	.05970	.02460	.03510	-.02310	.03510	.00680	.00970	.00280
-8.225	-4.132	1.24860	-.03300	.06410	.02650	.03760	-.01000	.04030	.00730	.00530	.00660
-8.245	-.125	1.25100	-.07780	.07110	.02950	.04160	.01930	.04050	.00810	.00250	.01530
-8.278	3.868	1.24810	-.12540	.07710	.03260	.04450	.04900	.03070	.00860	.00670	.02460
-8.284	5.866	1.24940	-.15030	.07940	.03380	.04560	.06290	.02240	.00890	.01160	.02940
	GRADIENT	-.00006	-.01155	.00163	.00076	.00086	.00738	-.00120	.00010	.00017	.00225

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.052	-6.090	1.25070	-.00030	.06100	.02770	.03340	-.01680	-.01140	.00650	.03150	.00010
-3.977	-4.038	1.24900	-.01420	.06500	.02880	.03620	-.00640	-.00590	.00700	.02880	.00280
-3.969	-.054	1.25030	-.04270	.07050	.03060	.03990	.01330	-.01160	.00770	.02870	.00830
-3.922	3.864	1.25130	-.07550	.07530	.03350	.04180	.03440	-.01700	.00810	.03140	.01470
-3.933	5.815	1.25080	-.09160	.07810	.03510	.04300	.04440	-.02120	.00830	.03360	.01790
	GRADIENT	.00029	-.00776	.00130	.00059	.00071	.00516	-.00090	.00014	.00033	.00151

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.011	6.770	1.24710	.00510	.06140	.02880	.03260	-.00900	-.02510	.00630	.03990	-.00100
.046	-4.635	1.25130	-.00390	.06370	.02940	.03430	-.00140	-.02890	.00670	.04070	.00070
.055	-.399	1.25130	-.02170	.07180	.03280	.03900	.01340	-.04130	.00760	.04690	.00420
.070	3.603	1.25210	-.04010	.07790	.03550	.04240	.02670	-.05080	.00820	.05190	.00780
.059	5.914	1.24940	-.04980	.08020	.03680	.04350	.03310	-.05410	.00840	.05410	.00970
	GRADIENT	.00009	-.00429	.00168	.00072	.00096	.00333	-.00260	.00018	.00133	.00084

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.629	-6.201	1.24910	.01280	.06310	.02950	.03360	-.00830	-.01220	.00650	.03270	-.00260
4.600	-4.181	1.25120	.01050	.06560	.03030	.03530	-.00600	-.01590	.00680	.03430	-.00220
4.608	-.066	1.24790	.00180	.07130	.03290	.03840	.00550	-.02870	.00740	.04220	-.00050
4.510	3.970	1.24860	-.00540	.07640	.03530	.04110	.01370	-.04330	.00800	.05280	.00090
4.459	5.949	1.24840	-.00970	.07790	.03610	.04180	.01670	-.04840	.00810	.05580	.00180
	GRADIENT	-.00032	-.00195	.00133	.00061	.00071	.00242	-.00336	.00015	.00227	.00038

IA183,AEDC PWT 16TF-519 O T S (TS) - (R8PS01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-7.790	.09470	-.06410	-.33830	.05360	.20800	.05130	-.00980	-.00090	-.00090	.00170
.600	-5.782	.07490	-.04950	-.27550	.05850	.20620	.04800	-.00620	-.00180	-.00180	.00110
.601	-3.730	.06710	-.04610	-.21720	.06220	.20510	.04820	-.00360	-.00210	-.00200	.00070
.599	-1.691	.06550	-.05220	-.17170	.06430	.20550	.05240	-.00270	-.00120	-.00110	.00010
.600	.311	.06940	-.05910	-.12740	.06450	.20330	.05590	-.00030	-.00160	-.00160	-.00010
.600	2.383	.07340	-.06410	-.07860	.06170	.19660	.05510	.00330	-.00300	-.00300	-.00050
.599	4.402	.06730	-.06360	-.04330	.06300	.19750	.06440	.00370	-.00200	-.00210	-.00070
.600	6.452	.07180	-.06620	.00230	.06220	.19690	.06970	.00430	-.00180	-.00180	-.00060
.600	8.522	.08560	-.07500	.05730	.05950	.19500	.07090	.00630	-.00220	-.00220	-.00030
	GRADIENT	.00041	-.00231	.02168	-.00005	-.00119	.00172	.00101	-.00008	-.00010	-.00017

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.900	-7.898	.16930	-.15630	-.36410	.07750	.24030	.04760	-.00420	-.00230	-.00240	.00160
.898	-5.804	.13460	-.11470	-.28810	.09020	.23510	.04300	-.00400	-.00190	-.00200	.00090
.901	-3.849	.11380	-.09780	-.22430	.08350	.23230	.03940	-.00260	-.00170	-.00190	.00020
.900	-1.816	.10100	-.09460	-.17140	.08500	.22610	.03720	-.00020	-.00200	-.00200	-.00030
.898	.266	.09260	-.09220	-.12340	.08600	.22330	.03370	.00110	-.00220	-.00220	-.00060
.899	2.310	.08710	-.08830	-.07400	.08600	.22360	.03410	.00210	-.00210	-.00200	-.00070
.900	4.373	.09760	-.08650	-.01380	.08470	.22300	.03990	.00400	-.00310	-.00290	-.00100
.900	6.377	.12440	-.10140	.04570	.08140	.22060	.03880	.00290	-.00170	-.00170	-.00100
.900	8.432	.15430	-.12670	.09330	.08010	.22250	.03720	.00620	-.00320	-.00320	-.00050
	GRADIENT	-.00225	.00140	.02520	.00017	-.00103	-.00010	.00075	-.00014	-.00010	-.00014

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.949	-7.976	.18220	-.15960	-.36450	.08830	.25850	.03370	-.00650	-.00160	-.00160	.00130
.950	-5.934	.14310	-.11870	-.28780	.09330	.25850	.02970	-.00410	-.00230	-.00230	.00070
.953	-3.782	.11240	-.09210	-.21890	.09740	.25820	.03350	-.00200	-.00250	-.00250	.0030
.950	-1.763	.10080	-.09380	-.16630	.09860	.25450	.03980	-.00040	-.00200	-.00190	-.00020
.952	.304	.10600	-.09980	-.11650	.09960	.25110	.04210	.00030	-.00160	-.00160	-.00050
.950	2.317	.10520	-.10230	-.07240	.09740	.24730	.03700	.00130	-.00140	-.00130	-.00080
.948	4.377	.10540	-.10190	-.01480	.09580	.24480	.03630	.00270	-.00160	-.00150	-.00100
.949	6.405	.13620	-.11310	.05380	.09280	.24370	.03630	.00540	-.00330	-.00330	-.00110
.948	8.395	.15020	-.14040	.10870	.09060	.24480	.02980	.00590	-.00150	-.00150	-.00050
	GRADIENT	-.00047	-.00138	.02462	-.00022	-.00167	.00014	.00054	.00012	.00013	-.00016

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS01) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.100	-7.993	.23080	-.19690	-.37890	.14220	.33840	.03020	-.00870	.00030	.00050	.00110
1.099	-5.947	.17170	-.15270	-.30100	.14530	.33600	.03150	-.00620	.00020	.00020	.00020
1.102	-3.790	.12870	-.12130	-.23010	.14890	.33250	.03560	-.00280	.00090	-.00090	-.00040
1.099	-1.737	.10840	-.11890	-.16880	.15090	.33000	.03920	-.00310	.00060	.00070	-.00070
1.099	.294	.11900	-.12330	-.11710	.15230	.32960	.04450	-.00080	-.00030	-.00010	-.00090
1.099	2.360	.12600	-.13100	-.07550	.15000	.32350	.05070	.00030	-.00030	-.00030	-.00110
1.100	4.431	.13600	-.12990	-.02120	.14960	.32100	.05140	.00310	-.00110	-.00110	-.00110
1.101	6.445	.14830	-.15450	.04300	.14910	.31970	.03850	.00480	-.00120	-.00120	-.00100
1.102	8.436	.16650	-.19080	.10190	.14760	.32070	.03430	.00570	-.00030	-.00030	-.00070
	GRADIENT	.00157	-.00143	.02488	.00002	-.00144	.00210	.00074	-.00006	-.00007	-.00009

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	9.314	.23080	-.22440	-.46130	.15820	.33510	.05160	-.00890	.00150	.00160	.00040
1.251	-7.029	.16210	-.16960	-.36060	.16070	.33220	.04730	-.00580	.00110	.00100	-.00010
1.251	-4.676	.12040	-.13870	-.27490	.16370	.32950	.04750	-.00240	.00050	.00040	-.00060
1.249	-2.395	.09870	-.12470	-.20630	.16700	.32830	.05360	-.00070	.00060	.00070	-.00100
1.249	-.141	.09250	-.12100	-.14830	.16950	.32770	.06550	.00190	-.00020	-.00010	-.00100
1.249	2.098	.10920	-.13660	-.10310	.16680	.32290	.07720	.00360	-.00060	-.00060	-.00130
1.251	4.310	.13660	-.13830	-.04350	.16390	.31670	.07400	.00990	-.00520	-.00530	-.00130
1.252	6.392	.15610	-.16260	.02030	.16210	.31590	.06120	.01150	-.00520	-.00520	-.00100
1.250	8.627	.19210	-.19660	.08870	.16370	.31830	.05610	.01140	-.00480	-.00480	-.00100
	GRADIENT	.00188	-.00048	.02520	.00001	-.00138	.00341	.00128	-.00056	-.00056	-.00008

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS02) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.601	-8.597	.12490	-.05400	-.36750	.05040	.20700	.05380	-.01180	.00000	.00010	.00200
.601	-4.347	.06410	-.05150	-.23860	.06040	.20400	.04790	-.00440	-.00160	-.00160	.00080
.600	-2.294	.06500	-.05150	-.18710	.06300	.20500	.05060	-.00190	-.00180	-.00170	.00040
.600	-.072	.06880	-.05650	-.13920	.06360	.20300	.05540	.00060	-.00170	-.00170	.00000
.600	2.000	.07610	-.06170	-.08800	.06140	.19750	.05450	.00370	-.00270	-.00270	-.00040
.600	4.098	.07190	-.05930	-.05240	.06190	.19640	.06370	.00410	-.00230	-.00240	-.00080
.599	8.382	.06540	-.09360	.05120	.05880	.19490	.07130	.00650	-.00200	-.00210	-.00030
	GRADIENT	.00126	-.00122	.02226	.00007	-.00107	.00168	.00107	-.00011	-.00012	-.00019

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.099	-7.956	.22960	-.19640	-.37690	.14260	.33860	.02970	-.00870	.00040	.00060	.00110
1.102	-5.904	.17250	-.15210	-.30120	.14570	.33580	.03220	-.00550	-.00040	-.00040	.00020
1.099	-3.797	.12870	-.12190	-.22940	.14820	.33240	.03430	-.00380	-.00020	-.00030	-.00040
1.102	-1.781	.10870	-.11900	-.17160	.15140	.33010	.04010	-.00170	-.00010	.00000	-.00080
1.101	.308	.12020	-.12410	-.11750	.15260	.32970	.04520	.00000	-.00080	-.00060	-.00090
1.099	2.374	.12520	-.13130	-.07520	.14990	.32360	.05110	.00060	-.00030	-.00030	-.00110
1.098	4.428	.13590	-.13100	-.02080	.14980	.32110	.05070	.00220	-.00040	-.00040	-.00110
1.099	6.389	.14970	-.15220	.04190	.14870	.31940	.03820	.00420	-.00110	-.00110	-.00100
1.099	8.481	.16950	-.18950	.10360	.14720	.32060	.03380	.00500	-.00030	-.00020	-.00060
	GRADIENT	.00151	-.00148	.02492	.00008	-.00141	.00213	.00069	-.00003	-.00002	-.00008

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-9.275	.22670	-.22730	-.45960	.15840	.33520	.05160	-.00870	.00160	.00170	.00040
1.250	-6.956	.16030	-.16920	-.35810	.16110	.33230	.04750	-.00540	.00090	.00080	-.00020
1.248	-4.697	.11760	-.14290	-.27590	.16360	.33000	.04780	-.00280	.00110	.00110	-.00060
1.249	-2.451	.09700	-.12730	-.20780	.16650	.32840	.05360	-.00110	.00110	.00120	-.00100
1.251	-.134	.09220	-.12120	-.14820	.16910	.32730	.06590	.00210	-.00030	-.00020	-.00110
1.252	2.137	.11160	-.13550	-.10160	.16680	.32230	.07790	.00420	-.00110	-.00120	-.00130
1.251	4.254	.13560	-.13790	-.04490	.16450	.31710	.07460	.00960	-.00500	-.00510	-.00130
1.250	6.420	.15500	-.16390	.02120	.16340	.31680	.06100	.01120	-.00480	-.00480	-.00110
1.249	8.625	.19170	-.19670	.08860	.16350	.31870	.05560	.01100	-.00470	-.00460	-.00110
	GRADIENT	.00221	.00010	.02527	.00010	-.00141	.00348	.00133	-.00064	-.00065	-.00008

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS03) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-7.965	.18990	-.19210	-.39910	.16030	.33410	.04800	-.00600	.00080	.00080	.00030
1.251	-5.896	.13930	-.15450	-.31690	.16220	.33050	.04680	-.00440	.00110	.00100	-.00040
1.250	-3.748	.11300	-.12740	-.24620	.16530	.32870	.05080	-.00190	.00040	.00030	-.00070
1.249	-1.690	.09600	-.12130	-.18780	.16820	.32780	.05760	-.00070	.00090	.00100	-.00090
1.253	.382	.09820	-.11880	-.13630	.16920	.32650	.07010	.00340	-.00110	-.00100	-.00110
1.249	2.495	.11770	-.13280	-.09520	.16640	.32050	.07890	.00570	-.00200	-.00200	-.00120
1.253	4.482	.14350	-.14180	-.03530	.16310	.31480	.06970	.01090	-.00520	-.00530	-.00110
1.249	6.503	.15930	-.16180	.02390	.16400	.31650	.06100	.01250	-.00570	-.00570	-.00100
1.248	8.539	.18440	-.19920	.08810	.16360	.31880	.05520	.01140	-.00410	-.00400	-.00100
	GRADIENT	.00399	-.00195	.02491	-.00030	-.00170	.00288	.00155	-.00068	-.00069	-.00005

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.102	-7.956	.23000	-.19450	-.37920	.14340	.33920	.03170	-.00840	.00000	.00020	.00100
1.098	-5.936	.17160	-.15320	-.29870	.14480	.33550	.03040	-.00680	.00050	.00060	.00030
1.100	-3.856	.12850	-.12270	-.23060	.14850	.33240	.03450	-.00360	-.00030	-.00030	-.00040
1.098	-1.776	.10820	-.12010	-.16880	.15100	.33040	.03860	-.00310	.00070	.00080	-.00070
1.099	.276	.12040	-.12360	-.11570	.15200	.32940	.04390	-.00130	.00000	.00020	-.00080
1.102	2.395	.12480	-.13100	-.07550	.15080	.32360	.05200	.00200	-.00110	-.00110	-.00120
1.102	4.413	.13600	-.13050	-.02170	.15040	.32150	.05210	.00360	-.00140	-.00140	-.00110
1.100	6.459	.14830	-.15590	.04370	.14940	.32020	.03850	.00520	-.00120	-.00120	-.00090
1.101	8.434	.16960	-.18640	.10270	.14810	.32050	.03360	.00510	-.00030	-.00020	-.00070
	GRADIENT	.00152	-.00128	.02467	.00017	-.00138	.00235	.00094	-.00019	-.00020	-.00009

IA183,AEDC PWT 16TF-519 O T S (TS)

(R8PS04) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.249	-9.274	.22630	-.22750	-.45970	.15840	.33540	.05160	-.00930	.00210	.00210	.00040
1.250	-6.979	.15850	-.16770	-.35720	.16130	.33210	.04780	-.00570	.00080	.00080	-.00020
1.251	-4.685	.11700	-.14040	-.27340	.16350	.32940	.04760	-.00250	.00070	.00070	-.00070
1.249	-2.465	.09520	-.12820	-.20680	.16660	.32840	.05330	-.00080	.00110	.00120	-.00100
1.249	-.103	.09190	-.12150	-.14630	.16990	.32780	.06610	.00250	-.00050	-.00040	-.00110
1.251	2.087	.10970	-.13720	-.10170	.16720	.32250	.07770	.00490	-.00120	-.00120	-.00130
1.252	4.295	.13910	-.13890	-.04210	.16390	.31640	.07310	.00990	-.00530	-.00540	-.00130
1.251	6.379	.15580	-.16240	.02080	.16320	.31640	.06080	.01100	-.00490	-.00490	-.00110
1.250	8.627	.19050	-.19770	.08870	.16330	.31860	.05570	.01100	-.00450	-.00440	-.00110
	GRADIENT	.00257	-.00025	.02522	.00007	-.00141	.00336	.00135	-.00063	-.00065	-.00007

IA183,AEDC PWT 16TF-519 O T S (TS)

(R8PS05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.098	-7.959	.22910	-.19590	-.37800	.14360	.33950	.03030	-.00850	.00030	.00050	.00110
1.100	-5.934	.17360	-.15090	-.30070	.14570	.33580	.03170	-.00580	-.00030	-.00030	.00020
1.102	-3.846	.12910	-.12190	-.23030	.14840	.33210	.03470	-.00310	-.00070	-.00070	-.00040
1.099	-1.769	.10750	-.12030	-.16870	.15100	.33010	.03890	-.00290	.00070	.00090	-.00070
1.102	.281	.12030	-.12340	-.11720	.15270	.32960	.04500	.00010	-.00080	-.00070	-.00090
1.101	2.396	.12530	-.13120	-.07480	.15100	.32390	.05170	.00170	-.00090	-.00100	-.00120
1.100	4.400	.13690	-.12830	-.02130	.15060	.32190	.05170	.00340	-.00140	-.00150	-.00110
1.102	6.411	.15010	-.15460	.04360	.14960	.32020	.03850	.00500	-.00130	-.00130	-.00100
1.099	8.485	.17250	-.17980	.10550	.14790	.32060	.03350	.00480	-.00070	-.00060	-.00080
	GRADIENT	.00161	-.00115	.02478	.00021	-.00129	.00227	.00085	-.00014	-.00017	-.00009

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS05) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.249	-9.246	.22270	-.22910	-.45690	.15840	.33560	.05130	-.00920	.00240	.00250	.00050
1.249	-6.982	.15810	-.16830	-.35730	.16140	.33230	.04790	-.00630	.00130	.00130	-.00020
1.252	-4.691	.11840	-.13860	-.27340	.16380	.32930	.04750	-.00210	.00030	.00020	-.00070
1.251	-2.468	.09760	-.12530	-.20630	.16680	.32820	.05350	-.00050	.00050	.00060	-.00100
1.249	-.141	.09200	-.12190	-.14690	.16920	.32750	.06560	.00180	-.00010	.00000	-.00110
1.249	2.140	.11070	-.13620	-.10100	.16710	.32270	.07710	.00440	-.00100	-.00100	-.00130
1.250	4.266	.13790	-.13840	-.04270	.16440	.31680	.07330	.00980	-.00520	-.00530	-.00130
1.251	6.383	.15610	-.16270	.02130	.16340	.31630	.06060	.01130	-.00510	-.00510	-.00110
1.251	8.629	.19250	-.19700	.08930	.16340	.31830	.05580	.01150	-.00500	-.00490	-.00100
	GRADIENT	.00228	-.00046	.02516	.00007	-.00135	.00336	.00127	-.00055	-.00055	-.00007

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-8.257	.10720	-.06760	-.36610	.05490	.21060	.05880	.00620	-.00460	-.00460	-.00050
.600	-6.131	.08150	-.04970	-.29410	.05980	.20810	.05310	.00820	-.00500	-.00500	-.00060
.600	-3.988	.06900	-.04500	-.23360	.06350	.20610	.05280	.00890	-.00510	-.00510	-.00070
.600	-1.844	.06560	-.05040	-.18180	.06640	.20710	.05680	.01090	-.00590	-.00590	-.00080
.601	.239	.06560	-.05940	-.13770	.06620	.20400	.06140	.01290	-.00660	-.00670	-.00100
.600	2.368	.06420	-.06950	-.08700	.06350	.19980	.06030	.01620	-.00780	-.00780	-.00120
.599	4.488	.05850	-.07220	-.04570	.06400	.19920	.06640	.01930	-.00890	-.00890	-.00120
.601	6.633	.06150	-.08080	.00640	.06280	.19860	.07050	.02190	-.00930	-.00940	-.00070
.600	8.767	.06970	-.09730	.06180	.05990	.19650	.07060	.02580	-.01040	-.01050	-.00020
	GRADIENT	-.00106	-.00347	.02224	-.00009	-.00100	.00145	.00123	-.00045	-.00045	-.00007

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS06) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.899	-8.504	.20040	-.16100	-.39850	.07890	.24400	.05390	.00590	-.00480	-.00480	-.00040
.899	-6.268	.14290	-.12090	-.31430	.08220	.23900	.04920	.00920	-.00550	-.00560	-.00070
.899	-4.091	.11400	-.10300	-.23870	.08470	.23400	.04330	.01000	-.00530	-.00550	-.00100
.901	-1.940	.09810	-.09650	-.18280	.08600	.22730	.04160	.01180	-.00610	-.00620	-.00130
.901	.241	.09070	-.09590	-.13190	.08640	.22480	.04010	.01330	-.00690	-.00700	-.00140
.901	2.410	.07530	-.09820	-.07840	.08610	.22440	.03950	.01560	-.00750	-.00750	-.00150
.901	4.587	.08440	-.10340	-.01290	.08480	.22300	.04170	.01730	-.00810	-.00800	-.00150
.901	6.749	.10990	-.12420	.04850	.08150	.22140	.03990	.01900	-.00830	-.00850	-.00120
.902	8.947	.13350	-.16400	.10410	.07990	.22370	.03890	.02440	-.01000	-.01010	-.00070
	GRADIENT	-.00377	-.00012	.02561	.00001	-.00115	-.00024	.00085	-.00032	-.00029	-.00006

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.097	-8.801	.27540	-.20510	-.41530	.14250	.34320	.03120	.00830	-.00850	-.00870	-.00080
1.098	-6.529	.21230	-.14920	-.32050	.14450	.33770	.02930	.01060	-.00940	-.00960	-.00100
1.098	-4.261	.15840	-.10810	-.24430	.14780	.33390	.03360	.01310	-.01010	-.01040	-.00150
1.101	-1.984	.13450	-.09670	-.17750	.15150	.33120	.03960	.01240	-.00910	-.00920	-.00150
1.101	.249	.14540	-.10060	-.11910	.15250	.33000	.04570	.01450	-.01050	-.01060	-.00150
1.103	2.493	.14820	-.11370	-.07410	.15040	.32430	.05380	.01510	-.01010	-.01030	-.00180
1.102	4.663	.15880	-.11890	-.01370	.15020	.32190	.05090	.01780	-.01110	-.01120	-.00150
1.102	6.793	.16490	-.15280	.05490	.14840	.31980	.03640	.01720	-.00910	-.00910	-.00120
1.101	8.977	.18710	-.18760	.12320	.14610	.32080	.03020	.01920	-.00890	-.00890	-.00080
	GRADIENT	.00063	-.00172	.02529	.00017	-.00138	.00219	.00054	-.00013	-.00012	-.00001

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-8.831	.26310	-.18310	-.44460	.15800	.33470	.04920	.00400	-.00660	-.00660	-.00030
1.251	-6.520	.19820	-.13260	-.35200	.16030	.33190	.04610	.00530	-.00650	-.00670	-.00090
1.251	-4.186	.15690	-.09850	-.26660	.16280	.32860	.04700	.00540	-.00640	-.00650	-.00130
1.249	-1.949	.13780	-.08390	-.19950	.16580	.32760	.05350	.00610	-.00700	-.00700	-.00150
1.249	.337	.13460	-.08280	-.14010	.16810	.32610	.06480	.00800	-.00810	-.00800	-.00140
1.249	2.609	.14880	-.10840	-.09330	.16580	.32150	.07620	.00960	-.00820	-.00810	-.00150
1.250	4.748	.16830	-.12130	-.03490	.16320	.31630	.06830	.01210	-.01000	-.01000	-.00120
1.251	6.918	.17850	-.14990	.02760	.16380	.31750	.06000	.01290	-.00950	-.00950	-.00120
1.250	9.104	.20630	-.19080	.09880	.16390	.31990	.05320	.01290	-.00890	-.00880	-.00110
	GRADIENT	.00148	-.00311	.02540	.00004	-.00137	.00293	.00075	-.00037	-.00036	.00001

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS07) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.248	-8.801	.30590	-.14440	-.44210	.15980	.33710	.04880	.00370	-.00840	-.00830	.00050
1.247	-6.519	.22910	-.09620	-.34390	.16140	.33340	.04630	.00610	-.00880	-.00890	-.00040
1.249	-4.219	.17560	-.07650	-.26210	.16390	.32970	.04780	.00660	-.00790	-.00810	-.00100
1.250	-1.922	.15090	-.07080	-.19470	.16650	.32790	.05440	.00740	-.00840	-.00840	-.00130
1.249	.357	.13980	-.08070	-.13610	.16800	.32650	.06660	.01080	-.00980	-.00980	-.00140
1.251	2.624	.14880	-.112[illegible]	-.09220	.16610	.32150	.07800	.01250	-.01030	-.01030	-.00150
1.249	4.760	.16250	-.1336[illegible]	-.02950	.16310	.31710	.06790	.01640	-.01260	-.01260	-.00150
1.251	6.941	.16170	-.17410	.03180	.16480	.31890	.06140	.01640	-.01080	-.01080	-.00110
1.248	9.085	.18050	-.22040	.10170	.16400	.32120	.05460	.01870	-.01140	-.01130	-.00100
	GRADIENT	-.00130	-.00689	.02522	-.00008	-.00140	.00286	.00110	-.00050	-.00048	-.00005

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS08) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.549	-3.706	.12340	-.10290	-.24930	.17200	.30150	.05810	-.00690	.00120	.00140	.00010
1.549	-1.438	.11080	-.10010	-.18060	.17520	.30070	.06280	-.00540	.00150	.00170	-.00030
1.550	.277	.10970	-.10290	-.14990	.17630	.30080	.06910	-.00380	.00100	.00120	-.00040
1.550	.886	.11670	-.10900	-.12050	.17680	.30080	.07560	-.00300	.00100	.00110	-.00050
1.549	3.150	.14820	-.14080	-.07280	.17390	.29730	.08570	-.00280	.00140	.00150	-.00060
1.550	5.341	.18480	-.16300	-.01850	.17110	.29720	.08310	.00070	-.00070	-.00060	-.00070
1.550	6.422	.19390	-.17460	.01060	.17250	.29910	.08280	.00180	-.00130	-.00120	-.00070
	GRADIENT	.00350	-.00535	.02575	.00032	-.00054	.00418	.00064	.00000	-.00001	-.00010

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS09) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.550	-6.332	.14670	-.12250	-.36390	.16980	.30670	.06830	.00590	-.00400	-.00410	-.00110
1.550	-4.078	.11570	-.10740	-.27480	.17190	.30430	.06280	.00760	-.00400	-.00410	-.00120
1.550	-1.794	.10430	-.10170	-.20030	.17470	.30380	.06610	.01020	-.00510	-.00530	-.00150
1.550	.524	.11000	-.11010	-.13700	.17660	.30270	.07750	.01340	-.00690	-.00700	-.00140
1.550	2.824	.13730	-.14440	-.08420	.17530	.29970	.08920	.01580	-.00780	-.00800	-.00130
1.549	4.993	.17210	-.16710	-.02870	.17020	.29580	.08450	.02110	-.01140	-.01160	-.00130
1.552	6.090	.18640	-.17440	.00170	.17050	.29660	.08330	.02200	-.01260	-.01280	-.00130
	GRADIENT	.00637	-.00710	.02673	-.00012	-.00092	.00293	.00143	-.00077	-.00078	-.00000

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.600	-6.416	-.00290	.02130	-.17460	.06310	.20580	.07170	.10930	-.01670	-.01870	-.01020
.600	-4.355	.02420	.04050	-.16230	.06420	.20380	.06820	.07540	-.01310	-.01460	-.00680
.600	-.232	.05310	.05460	-.14330	.06500	.20470	.06010	.00710	-.00300	-.00320	-.00070
.601	3.878	.07630	.06450	-.13430	.06530	.20490	.05750	-.06060	.00900	.01020	.00460
.600	5.945	.08440	.06640	-.13350	.06500	.20670	.05790	-.09450	.01390	.01570	.00730
	GRADIENT	.00633	.00292	.00340	.00013	.00013	-.00130	-.01652	.00268	.00301	.00138

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.900	-6.541	-.06900	-.04970	-.18660	.08760	.23810	.06650	.13130	-.02540	-.02730	-.01180
.899	-4.447	-.04630	-.04100	-.17070	.08790	.23400	.05950	.09140	-.02060	-.02190	-.00830
.901	-.274	-.06990	-.07740	-.13770	.08630	.22520	.03710	.01120	-.00440	-.00450	-.00140
.900	3.877	-.02140	-.03820	-.14350	.08690	.22880	.04440	-.07140	.01440	.01540	.00610
.900	5.966	.00040	-.02420	-.14760	.08740	.23360	.04940	-.11220	.02190	.02340	.00920
	GRADIENT	.00298	.00033	.00327	-.00012	-.00063	-.00182	-.01956	.00420	.00448	.00173

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS10) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.949	-6.553	-.06490	-.02630	-.18450	.09970	.25800	.06740	.13840	-.02860	-.03090	-.01170
.949	-4.459	-.02710	-.00590	-.16690	.10090	.25630	.06260	.09690	-.02360	-.02520	-.00790
.950	-.278	-.02320	-.02670	-.13140	.09990	.25190	.04440	.01130	-.00480	-.00490	-.00130
.950	3.884	.00890	-.00680	-.13590	.10080	.25560	.04860	-.07550	.01780	.01910	.00540
.950	5.975	.02100	-.00850	-.13810	.10020	.25680	.05070	-.11630	.02430	.02640	.00830
	GRADIENT	.00431	-.00011	.00372	-.00001	-.00008	-.00168	-.02066	.00496	.00531	.00159

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.101	-6.583	-.06420	-.03060	-.18830	.14960	.32970	.07330	.14470	-.03120	-.03340	-.01390
1.098	-4.465	-.02820	-.00790	-.17030	.14970	.32690	.06800	.09980	-.02520	-.02690	-.00970
1.097	-.264	-.03540	-.03540	-.13220	.14940	.32740	.04690	.01280	-.00700	-.00710	-.00180
1.099	3.897	.01570	.00450	-.13510	.15060	.32990	.05210	-.07620	.01640	.01790	.00600
1.101	6.006	.04240	.02480	-.14300	.15200	.33070	.05880	-.12050	.02460	.02670	.00980
	GRADIENT	.00524	.00147	.00422	.00011	.00036	-.00191	-.02105	.00497	.00536	.00188

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.148	-6.595	-.05650	-.02300	-.19270	.15640	.32680	.07590	.14340	-.03090	-.03300	-.01390
1.152	-4.470	-.01510	.00490	-.17730	.15810	.32580	.07200	.09810	-.02440	-.02600	-.00970
1.151	-.265	-.02300	-.02190	-.14100	.15940	.32870	.05170	.01180	-.00680	-.00690	-.00190
1.148	3.903	.00750	-.00640	-.13980	.15870	.32820	.05330	-.07570	.01600	.01750	.00610
1.149	6.012	.02380	.00240	-.14610	.15830	.32890	.05840	-.11900	.02310	.02530	.00980
	GRADIENT	.00269	-.00136	.00448	.00007	.00029	-.00224	-.02076	.00482	.00519	.00189

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.247	-6.611	.05970	.08520	-.19490	.16530	.32650	.09300	.14200	-.02960	-.03160	-.01270
1.251	-4.491	.09940	.11590	-.17870	.16540	.32410	.08800	.09630	-.02260	-.02410	-.00890
1.251	-.275	.11430	.12460	-.14810	.16750	.32680	.07350	.01190	-.00700	-.00710	-.00170
1.252	3.912	.13470	.13870	-.14490	.16640	.32690	.07340	-.07310	.01260	.01400	.00530
1.249	6.021	.13080	.13040	-.14520	.16620	.32660	.07340	-.11720	.02060	.02260	.00870
	GRADIENT	.00420	.00271	.00403	.00012	.00033	-.00174	-.02016	.00419	.00453	.00169

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS11) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-6.420	.00200	.02730	-.17610	.06410	.20700	.07220	.11020	-.01630	-.01840	-.01020
.600	-4.333	.02780	.04470	-.16510	.06490	.20530	.06930	.07660	-.01280	-.01440	-.00680
.600	-2.277	.03560	.04350	-.14930	.06550	.20650	.06140	.04350	-.00930	-.01000	-.00350
.600	-.220	.05360	.05450	-.14580	.06610	.20640	.06150	.00900	-.00310	-.00330	-.00070
.600	1.837	.06380	.05900	-.13850	.06630	.20610	.05910	-.02510	.00380	.00440	.00180
.600	3.894	.07220	.06200	-.13680	.06610	.20660	.05920	-.05790	.00900	.01020	.00450
.600	5.948	.07910	.06440	-.13380	.06540	.20760	.05940	-.09120	.01370	.01550	.00710
	GRADIENT	.00569	.00244	.00328	.00016	.00011	-.00109	-.01641	.00276	.00309	.00136

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.900	-6.544	-.07020	-.04790	-.19010	.08730	.23750	.06760	.13310	-.02610	-.02800	-.01190
.900	-4.445	-.05170	-.04010	-.17390	.08760	.23280	.06030	.09390	-.02090	-.02220	-.00850
.900	-2.351	-.06570	-.05850	-.15860	.08700	.22690	.04930	.05300	-.01310	-.01380	-.00520
.899	-.284	-.07810	-.08020	-.14060	.08610	.22510	.03770	.01310	-.00470	-.00480	-.00150
.899	1.793	-.06430	-.07240	-.13610	.08650	.22620	.03670	-.02860	.00530	.00560	.00260
.899	3.879	-.02780	-.04310	-.14310	.08710	.22890	.04450	-.06870	.01390	.01480	.00600
.900	5.959	-.01100	-.03550	-.14820	.08720	.23270	.04930	-.10920	.02140	.02300	.00900
	GRADIENT	.00237	-.00096	.00404	-.00007	-.00041	-.00213	-.01956	.00423	.00449	.00177

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-5.953	.05900	.08000	-.16240	.06830	.20870	.07090	.10330	-.01800	-.02000	-.00940
.599	-3.883	.06720	.08050	-.15110	.06870	.20630	.06690	.06820	-.01370	-.01510	-.00620
.599	-1.812	.05510	.06030	-.13580	.06830	.20750	.05770	.03400	-.00990	-.01050	-.00280
.600	.231	.05900	.05800	-.13340	.06910	.20690	.05790	-.00160	-.00300	-.00290	-.00020
.600	2.287	.05340	.04680	-.12760	.06870	.20450	.05530	-.03600	.00340	.00410	.00250
.599	4.341	.05920	.04710	-.12670	.06880	.20550	.05750	-.07120	.00960	.01100	.00510
.601	6.416	.06230	.04640	-.12520	.06830	.20680	.05990	-.10560	.01510	.01690	.00750
	GRADIENT	-.00086	-.00391	.00278	.00003	-.00022	-.00103	-.01698	.00291	.00325	.00136

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.899	-5.983	-.01340	.00260	-.17330	.09100	.23770	.06210	.12270	-.02640	-.02800	-.01090
.899	-3.900	-.03030	-.02060	-.16050	.09020	.23100	.05340	.08140	-.01970	-.02080	-.00770
.899	-1.808	-.04710	-.04600	-.14240	.08910	.22640	.04300	.04040	-.01240	-.01290	-.00410
.900	.288	-.06510	-.07140	-.12900	.08830	.22540	.03480	-.00120	-.00320	-.00320	-.00040
.901	2.359	-.05260	-.06350	-.12880	.08880	.22740	.03720	-.04390	.00690	.00730	.00350
.901	4.432	-.02010	-.03570	-.13790	.08940	.23130	.04710	-.08500	.01560	.01670	.00680
.900	6.537	-.00630	-.02940	-.14080	.08930	.23530	.05230	-.12600	.02320	.02490	.00980
	GRADIENT	.00070	-.00231	.00283	-.00009	.00007	-.00089	-.02002	.00432	.00457	.00176

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.097	-6.029	-.00150	.02590	-.16700	.15220	.33060	.06640	.13110	-.02930	-.03140	-.01240
1.098	-3.900	.01130	.02350	-.14930	.15290	.32880	.05960	.08630	-.02290	-.02430	-.00850
1.100	-1.802	.00590	.00760	-.13350	.15480	.32990	.05170	.04230	-.01410	-.01470	-.00480
1.102	.284	-.02640	-.02920	-.11700	.15480	.33130	.04040	-.00220	-.00340	-.00320	-.00040
1.100	2.392	.00300	-.00150	-.12070	.15460	.32990	.04610	-.04780	.00900	.01020	.00380
1.103	4.458	.03280	.02070	-.12840	.15540	.33180	.05430	-.09250	.01950	.02120	.00700
1.098	6.574	.03240	.01190	-.12700	.15220	.33040	.05430	-.13690	.02730	.02960	.01040
	GRADIENT	.00191	-.00071	.00261	.00023	.00029	-.00078	-.02141	.00516	.00554	.00189

IA183,AEDC PWT 16TF-519 O T S (TS)

(R8PS12) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.248	-6.041	.05140	.07720	-.18380	.16690	.32720	.08210	.12580	-.02560	-.02740	-.01220
1.249	-3.927	.07580	.09240	-.17060	.16700	.32540	.07810	.08120	-.01790	-.01920	-.00830
1.250	-1.797	.07310	.08140	-.15380	.16790	.32590	.06980	.03900	-.01070	-.01140	-.00470
1.250	.290	.06760	.07660	-.14230	.17010	.32690	.06440	-.00190	-.00230	-.00210	-.00050
1.252	2.400	.06800	.07180	-.13950	.17070	.32650	.06400	-.04460	.00760	.00870	.00340
1.251	4.483	.08990	.08710	-.14340	.17020	.32720	.06940	-.08650	.01580	.01740	.00660
1.250	6.607	.07770	.07110	-.14210	.16870	.32720	.06890	-.13180	.02360	.02570	.01010
	GRADIENT	.00109	-.00097	.00327	.00044	.00020	-.00111	-.01994	.00408	.00444	.00180

IA183,AEDC PWT 16TF-519 O T S (TS)

(R8PS13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.831	5.806	-8.08520	-8.00130	-.35790	.04790	.20430	.05340	.06000	.00310	.00130	-.01900
-7.849	-3.810	-8.10120	-8.05270	-.34610	.04890	.20420	.05010	.03590	.00130	.00030	-.01180
-7.793	.065	-8.04230	-8.05280	-.33820	.05210	.20700	.05110	-.00810	-.00130	-.00130	.00180
-7.766	3.986	-7.99680	-8.07380	-.32080	.05360	.20860	.04430	-.05090	-.00270	-.00170	.01400
-7.791	5.995	-8.00440	-8.11480	-.31930	.05310	.20720	.04540	-.07350	-.00440	-.00250	.02020
	GRADIENT	.01339	-.00271	.00325	.00060	.00056	-.00075	-.01113	-.00051	-.00026	.00331

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.855	-5.823	-3.98500	-3.93010	-.25910	.05760	.20530	.06170	.07470	-.00210	-.00410	-.01430
-3.817	-3.849	-3.95800	-3.92230	-.24620	.05850	.20420	.05730	.04620	-.00220	-.00350	-.00910
-3.701	.068	-3.89610	-3.89730	-.21890	.06100	.20540	.04810	-.00310	-.00190	-.00190	.00080
-3.706	3.898	-3.88840	-3.92850	-.21090	.06250	.20620	.04660	-.05000	-.00120	-.00010	.00930
-3.701	5.846	-3.86180	-3.91880	-.21390	.06220	.20610	.05220	-.07590	-.00050	.00140	.01310
	GRADIENT	.00901	-.00077	.00457	.00052	.00026	-.00138	-.01242	.00013	.00044	.00238

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS13) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-.017	-6.416	-.00290	.02130	-.17460	.06310	.20580	.07170	.10930	-.01670	-.01870	-.01020
-.001	-4.355	.02420	.04050	-.16230	.06420	.20380	.06820	.07540	-.01310	-.01460	-.00680
.013	-.232	.05310	.05460	-.14330	.06500	.20470	.06010	.00710	-.00300	-.00320	-.00070
.029	3.878	.07630	.06450	-.13430	.06530	.20490	.05750	-.06060	.00900	.01020	.00460
.033	5.945	.08440	.06640	-.13350	.06500	.20670	.05790	-.09450	.01390	.01570	.00730
	GRADIENT	.00633	.00292	.00340	.00013	.00013	-.00130	-.01652	.00268	.00301	.00138

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.432	-6.083	4.32650	4.31260	-.05920	.06400	.20160	.07180	.13230	-.03210	-.03360	-.00230
4.430	-4.071	4.31310	4.30530	-.05320	.06380	.19920	.06980	.08930	-.02290	-.02400	-.00150
4.482	.066	4.37070	4.37800	-.04260	.06200	.19730	.06480	.00230	-.00170	-.00180	-.00070
4.352	4.165	4.31590	4.33740	-.04250	.06120	.19820	.06300	-.07620	.01680	.01780	.00020
4.286	6.161	4.27620	4.30300	-.04120	.06090	.20110	.06160	-.11360	.02510	.02670	.00080
	GRADIENT	.00036	.00392	.00130	-.00032	-.00012	-.00083	-.02010	.00482	.00508	.00021

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.902	-5.903	-8.15570	-8.06790	-.35760	.05120	.20630	.05230	.06550	.00210	.00030	-.01950
-7.792	-3.796	-8.04210	-7.99060	-.34340	.05270	.20850	.04870	.04130	-.00160	-.00240	-.01130
-7.788	.056	-8.03650	-8.04550	-.33420	.05540	.20930	.05000	-.00560	-.00240	-.00240	.00190
-7.725	4.041	-7.95480	-8.03020	-.31540	.05700	.21050	.04370	-.05000	-.00330	-.00230	.01410
-7.793	5.957	-8.00570	-8.11370	-.31520	.05610	.20870	.04440	-.07170	-.00490	-.00310	.02010
	GRADIENT	.01119	-.00500	.00358	.00055	.00026	-.00064	-.01165	-.00022	.00001	.00324

IA183,AEDC PWT 16TF-519 O T S (TS)

(R8PS14) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.860	-5.813	-3.98820	-3.93080	-.25520	.06060	.20620	.06060	.07610	-.00260	-.00460	-.01430
-3.767	-3.799	-3.90280	-3.86590	-.24060	.06170	.20560	.05600	.04720	-.00320	-.00440	-.00890
-3.752	.063	-3.94660	-3.94600	-.21430	.06430	.20620	.04700	-.00170	-.00260	-.00250	.00070
-3.710	3.896	-3.89020	-3.92840	-.20440	.06550	.20680	.04550	-.04850	-.00170	-.00060	.00920
-3.717	5.866	-3.88110	-3.93650	-.21020	.06540	.20770	.05120	-.07550	-.00110	.00080	.01320
	GRADIENT	.00162	-.00814	.00471	.00049	.00016	-.00137	-.01244	.00019	.00049	.00235

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-.017	-6.416	-.00290	.02130	-.17460	.06310	.20580	.07170	.10930	-.01670	-.01870	-.01020
-.001	-4.355	.02420	.04050	-.16230	.06420	.20380	.06820	.07540	-.01310	-.01460	-.00680
.013	-.232	.05310	.05460	-.14330	.06500	.20470	.06010	.00710	-.00300	-.00320	-.00070
.029	3.878	.07630	.06450	-.13430	.06530	.20490	.05750	-.06060	.00900	.01020	.00460
.033	5.945	.08440	.06640	-.13350	.06500	.20670	.05790	-.09450	.01390	.01570	.00730
	GRADIENT	.00633	.00292	.00340	.00013	.00013	-.00130	-.01652	.00268	.00301	.00138

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.440	-6.065	4.33650	4.32490	-.05470	.06710	.20240	.07050	.13180	-.03210	-.03360	-.00230
4.448	-4.098	4.33840	4.33180	-.04830	.06650	.20020	.06840	.09010	-.02310	-.02420	-.00140
4.459	.058	4.34640	4.35490	-.03880	.06520	.19850	.06340	.00370	-.00230	-.00230	-.00070
4.346	4.178	4.31100	4.33400	-.03760	.06430	.19910	.06160	-.07530	.01620	.01730	.00020
4.311	6.201	4.30230	4.33060	-.03520	.06390	.20210	.06010	-.11400	.02470	.02630	.00080
	GRADIENT	-.00330	.00027	.00129	-.00027	-.00013	-.00082	-.01999	.00475	.00502	.00019

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS15) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.941	-5.806	-8.24580	-8.12790	-.40310	.07540	.23720	.05960	.09140	-.01240	-.01420	-.02080
-7.889	-3.783	-8.17390	-8.11080	-.38910	.07830	.23910	.05720	.05930	-.01110	-.01190	-.01320
-7.870	.085	-8.14180	-8.16210	-.36200	.07950	.24220	.04660	-.00610	-.00100	-.00100	.00190
-7.857	4.001	-8.10600	-8.21660	-.35050	.08060	.23800	.04270	-.06620	.00560	.00640	.01570
-7.850	6.007	-8.07980	-8.24180	-.35020	.07910	.23730	.04210	-.09540	.00610	.00780	.02200
	GRADIENT	.00872	-.01359	.00495	.00030	-.00014	-.00186	-.01612	.00214	.00235	.00371

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.923	-5.875	-4.07740	-4.00700	-.28040	.08440	.23770	.06140	.09780	-.01340	-.01540	-.01600
-3.859	-3.854	-4.00710	-3.96620	-.26050	.08610	.23600	.05570	.06410	-.01140	-.01250	-.01050
-3.791	.080	-3.98190	-3.98740	-.22160	.08540	.23350	.03930	-.00260	-.00130	-.00140	.00030
-3.748	3.949	-3.93790	-3.99490	-.22580	.08830	.23420	.04600	-.06300	.00580	.00670	.01010
-3.726	5.886	-3.90120	-3.98490	-.23020	.08730	.23480	.05000	-.09510	.00860	.01040	.01450
	GRADIENT	.00886	-.00368	.00446	.00028	-.00023	-.00125	-.01629	.00221	.00246	.00264

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-.068	-6.541	-.06900	-.04970	-.18660	.08760	.23810	.06650	.13130	-.02540	-.02730	-.01180
-.058	-4.447	-.04630	-.04100	-.17070	.08790	.23400	.05950	.09140	-.02060	-.02190	-.00830
-.094	-.274	-.06990	-.07740	-.13770	.08630	.22520	.03710	.01120	-.00440	-.00450	-.00140
-.057	3.877	-.02140	-.03820	-.14350	.08690	.22880	.04440	-.07140	.01440	.01540	.00610
-.041	5.966	.00040	-.02420	-.14760	.08740	.23360	.04940	-.11220	.02190	.02340	.00920
	GRADIENT	.00298	.00033	.00327	-.00012	-.00063	-.00182	-.01956	.00420	.00448	.00173

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.475	-6.041	4.38480	4.37500	-.05360	.08830	.23480	.06520	.14070	-.03440	-.03600	-.00350
4.448	-4.020	4.35780	4.34790	-.04150	.08820	.23300	.05960	.09660	-.02560	-.02670	-.00270
4.398	.076	4.33720	4.33170	-.01000	.08650	.22450	.03900	.00270	-.00210	-.00180	-.00080
4.314	4.132	4.32680	4.33220	-.02740	.08580	.22650	.04990	-.08580	.02190	.02290	.00100
4.251	6.105	4.29120	4.30370	-.03240	.08550	.22960	.05130	-.12710	.03090	.03260	.00240
	GRADIENT	-.00380	-.00193	.00174	-.00029	-.00080	-.00120	-.02237	.00583	.00608	.00045

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS16) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-8.061	-5.843	-8.36750	-8.24270	-.41190	.08820	.25630	.04890	.10350	-.01700	-.01880	-.02260
-7.990	-3.826	-8.28080	-8.21330	-.39370	.09100	.25830	.04400	.06530	-.01300	-.01380	-.01490
-7.941	.121	-8.23160	-8.25580	-.36230	.09120	.26060	.03240	-.00650	-.00130	-.00130	.00140
-7.864	4.055	-8.15150	-8.27350	-.35490	.09290	.25830	.03230	-.07190	.00740	.00820	.01650
-7.851	6.035	-8.12570	-8.30200	-.35600	.09130	.25700	.03360	-.10410	.00980	.01150	.02290
	GRADIENT	.01640	-.00764	.00492	.00024	.00000	-.00149	-.01741	.00259	.00279	.00398

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.966	-5.799	-4.09040	-4.00870	-.27940	.09780	.25840	.05470	.10650	-.01800	-.02000	-.01670
-3.972	-3.875	-4.09630	-4.04930	-.26240	.09890	.25860	.04940	.07070	-.01430	-.01540	-.01150
-3.851	.138	-4.04710	-4.05270	-.22100	.09840	.25800	.03420	-.00170	-.00250	-.00250	.00040
-3.723	3.969	-3.95250	-4.01390	-.22330	.10170	.25840	.03990	-.06720	.00760	.00870	.01050
-3.726	5.936	-3.94590	-4.04080	-.22730	.09980	.25820	.04230	-.10250	.01130	.01320	.01490
	GRADIENT	.01828	.00447	.00503	.00035	-.00003	-.00123	-.01758	.00279	.00307	.00281

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.110	-6.553	-.06490	-.02630	-.18450	.09970	.25800	.06740	.13840	-.02860	-.03090	-.01170
-.093	-4.459	-.02710	-.00590	-.16690	.10090	.25630	.06260	.09690	-.02360	-.02520	-.00790
-.114	-.278	-.02320	-.02670	-.13140	.09990	.25190	.04440	.01130	-.00480	-.00490	-.00130
-.092	3.884	.00890	-.00680	-.13590	.10080	.25560	.04860	-.07550	.01780	.01910	.00540
-.084	5.975	.02100	-.00850	-.13810	.10020	.25580	.05070	-.11630	.02430	.02640	.00830
	GRADIENT	.00431	-.00011	.00372	-.00001	-.00008	-.00168	-.02066	.00496	.00531	.00159

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.505	-5.986	4.37170	4.36750	-.05540	.09960	.25620	.06600	.14580	-.03640	-.03810	-.00380
4.459	-3.954	4.32600	4.32120	-.04410	.10080	.25580	.05840	.09880	-.02630	-.02750	-.00310
4.420	.125	4.35120	4.35240	-.01190	.09840	.24730	.03630	.00250	-.00140	-.00110	-.00090
4.288	4.172	4.33510	4.35590	-.02820	.09730	.25030	.05240	-.08920	.02320	.02460	.00120
4.248	6.120	4.32360	4.35060	-.03400	.09730	.25380	.05760	-.13190	.03280	.03490	.00230
	GRADIENT	.00113	.00428	.00196	-.00043	-.00068	-.00074	-.02314	.00609	.00641	.00053

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS17) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-8.111	-5.845	-8.43600	-8.31080	-.43290	.13920	.33400	.04990	.10950	-.01620	-.01830	-.02630
-8.019	-3.783	-8.33140	-8.26590	-.41310	.14180	.33500	.04520	.06450	-.00900	-.01030	-.01740
-7.945	.199	-8.27400	-8.30730	-.37810	.14230	.33760	.03070	-.00880	-.00080	-.00070	.00130
-7.889	4.084	-8.23700	-8.36740	-.37180	.14210	.33700	.02970	-.07630	.00630	.00770	.01850
-7.870	6.100	-8.21270	-8.40340	-.37260	.14020	.33410	.03050	-.11500	.01200	.01420	.02570
	GRADIENT	.01201	-.01289	.00526	.00004	.00026	-.00198	-.01790	.00195	.00229	.00456

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-4.049	-5.803	-4.15370	-4.08110	-.29020	.14620	.33020	.05450	.11100	-.01740	-.01960	-.01950
-3.982	-3.797	-4.08720	-4.04680	-.27200	.14730	.32860	.04980	.07170	-.01410	-.01540	-.01320
-3.807	.188	-4.01940	-4.03110	-.23070	.14850	.33150	.03500	-.00360	-.00150	-.00160	-.00040
-3.715	3.999	-4.00320	-4.06680	-.22810	.15030	.33330	.03540	-.07110	.00770	.00900	.01170
-3.688	5.975	-3.97010	-4.06410	-.23400	.14840	.33190	.04040	-.10910	.01210	.01440	.01680
	GRADIENT	.01082	-.00252	.00567	.00038	.00060	-.00186	-.01832	.00280	.00313	.00319

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-.162	-6.583	-.06420	-.03060	-.18830	.14960	.32970	.07330	.14470	-.03120	-.03340	-.01390
-.148	-4.465	-.02820	-.00790	-.17030	.14970	.32690	.06800	.09980	-.02520	-.02690	-.00970
-.181	-.264	-.03540	-.03540	-.13220	.14940	.32740	.04690	.01280	-.00700	-.00710	-.00180
-.142	3.897	.01570	.00450	-.13510	.15060	.32990	.05210	-.07620	.01640	.01790	.00600
-.118	6.006	.04240	.02480	-.14300	.15200	.33070	.05880	-.12050	.02460	.02670	.00980
	GRADIENT	.00524	.00147	.00422	.00011	.00036	-.00191	-.02105	.00497	.00536	.00188

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.608	-5.975	4.45360	4.41840	-.05470	.15140	.32550	.07540	.14840	-.03920	-.04060	-.00480
4.595	-3.958	4.44650	4.41850	-.03890	.15190	.32420	.06460	.10230	-.02980	-.03060	-.00400
4.482	.183	4.42550	4.43660	-.02000	.15090	.32150	.05200	.00170	-.00140	-.00150	-.00100
4.289	4.217	4.36960	4.41230	-.02730	.14730	.32360	.05300	-.09160	.02400	.02510	.00230
4.237	6.163	4.35020	4.40310	-.03370	.14700	.32470	.05850	-.13550	.03340	.03500	.00360
	GRADIENT	-.00939	-.00074	.00143	-.00056	-.00008	-.00143	-.02372	.00658	.00681	.00077

IA183.AEDC PWT 16TF-519 O T S (TS)

(R8PS18) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-8.051	-5.746	-8.39250	-8.28130	-.43520	.14660	.33200	.05390	.10460	-.01610	-.01800	-.02540
-8.006	-3.796	-8.33530	-8.27810	-.41910	.14980	.33400	.05080	.06170	-.00840	-.00970	-.01700
-7.970	.180	-8.31140	-8.34820	-.38730	.15170	.33790	.03690	-.00980	-.00200	-.00180	.00170
-7.900	4.089	-8.24660	-8.37960	-.37830	.15140	.33680	.03510	-.07510	.00550	.00690	.01860
-7.845	6.058	-8.17970	-8.37160	-.37870	.14830	.33250	.03750	-.11310	.01080	.01290	.02590
	GRADIENT	.01123	-.01289	.00518	.00020	.00036	-.00200	-.01735	.00176	.00210	.00452

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.996	-5.786	-4.11970	-4.05690	-.29550	.15370	.32890	.05860	.10880	-.01830	-.02030	-.01930
-3.990	-3.848	-4.11760	-4.08250	-.27910	.15520	.32780	.05400	.07050	-.01470	-.01600	-.01320
-3.798	257	-4.01610	-4.02960	-.23630	.15640	.33050	.04030	-.00640	-.00200	-.00200	.00030
-3.727	4.024	-3.99970	-4.06280	-.23430	.15910	.33420	.04270	-.07160	.00630	.00770	.01190
-3.736	6.044	-4.00260	-4.09420	-.24070	.15740	.33230	.04810	-.10980	.01060	.01280	.01700
	GRADIENT	.01512	.00266	.00576	.00049	.00081	-.00146	-.01806	.00267	.00302	.00319

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-.129	-6.595	-.05650	-.02300	-.19270	.15640	.32680	.07590	.14340	-.03090	-.03300	-.01390
-.106	-4.470	-.01510	.00490	-.17730	.15810	.32580	.07200	.09810	-.02440	-.02600	-.00970
-.141	-.265	-.02300	-.02190	-.14100	.15940	.32870	.05170	.01180	-.00680	-.00690	-.00190
-.125	3.903	.00750	-.00640	-.13980	.15870	.32820	.05330	-.07570	.01600	.01750	.00610
-.111	6.012	.02380	.00240	-.14610	.15830	.32890	.05840	-.11900	.02310	.02530	.00980
	GRADIENT	.00269	-.00136	.00448	.00007	.00029	-.00224	-.02076	.00482	.00519	.00189

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.639	-5.969	4.50160	4.46770	-.05580	.15830	.32430	.07770	.14750	-.03860	-.04000	-.00510
4.591	-3.946	4.46150	4.43110	-.04280	.15880	.32410	.07070	.10140	-.03090	-.03160	-.00420
4.519	.162	4.46520	4.48030	-.02850	.15830	.32180	.06080	.00040	-.00240	-.00230	-.00090
4.335	4.209	4.39720	4.44500	-.03570	.15700	.32320	.05970	-.09170	.02240	.02360	.00240
4.262	6.133	4.35360	4.41060	-.03930	.15570	.32330	.06250	-.13510	.03180	.03340	.00360
	GRADIENT	-.00786	.00173	.00088	-.00022	-.00011	-.00135	-.02368	.00654	.00677	.00081

IA183,AEDC PWT 16TF-519 O T S (TS) (R8PS19) (02 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.908	-5.910	-8.30850	-8.19220	-.44190	.15540	.32850	.06710	.10340	-.00720	-.00900	-.02600
-7.927	-3.908	-8.30120	-8.23890	-.42650	.15750	.33030	.06320	.06040	-.00040	-.00160	-.01780
-7.919	.066	-8.27280	-8.29830	-.39790	.15980	.33390	.04750	-.00620	.00090	.00090	.00030
-7.920	4.030	-8.24760	-8.36070	-.39630	.16110	.33440	.04660	-.07100	.00280	.00410	.01810
-7.896	6.020	-8.19870	-8.37150	-.40190	.16000	.33260	.05070	-.10790	.00570	.00780	.02600
	GRADIENT	.00675	-.01534	.00381	.00045	.00052	-.00209	-.01655	.00040	.00072	.00452

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.898	-5.926	-4.09800	-4.02030	-.29870	.16210	.32690	.07110	.10630	-.01150	-.01330	-.01890
-3.824	-3.892	-4.01130	-3.96090	-.28130	.16310	.32730	.06660	.06610	-.00720	-.00810	-.01290
-3.803	.060	-4.02180	-4.02290	-.24750	.16450	.32890	.04950	-.00210	.00080	.00080	-.00070
-3.743	3.968	-3.95440	-4.00990	-.24790	.16690	.33110	.05190	-.06460	.00460	.00560	.01110
-3.745	5.911	-3.93770	-4.02080	-.24940	.16650	.33010	.05400	-.10030	.00700	.00870	.01640
	GRADIENT	.00722	-.00625	.00426	.00048	.00048	-.00187	-.01663	.00150	.00174	.00305

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.056	-6.611	.05970	.08520	-.19490	.16530	.32650	.09300	.14200	-.02960	-.03160	-.01270
.081	-4.491	.09940	.11590	-.17870	.16540	.32410	.08800	.09630	-.02260	-.02410	-.00890
.073	-.275	.11430	.12460	-.14810	.16750	.32680	.07350	.01190	-.00700	-.00710	-.00170
.087	3.912	.13470	.13870	-.14490	.16640	.32690	.07340	-.07310	.01260	.01400	.00530
.080	6.021	.13080	.13040	-.14520	.16620	.32660	.07340	-.11720	.02060	.02260	.00870
	GRADIENT	.00420	.00271	.00403	.00012	.00033	-.00174	-.02016	.00419	.00453	.00169

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.635	-6.056	4.58710	4.53940	-.07190	.16390	.32010	.09280	.15030	-.03850	-.03990	-.00570
4.603	-4.041	4.55040	4.51220	-.05700	.16400	.31820	.08320	.10360	-.02920	-.03010	-.00470
4.575	.073	4.53800	4.55390	-.03410	.16390	.31670	.07060	.00960	-.00480	-.00490	-.00130
4.444	4.123	4.45910	4.52250	-.03420	.16310	.31980	.07080	-.08700	.02350	.02440	.00170
4.391	6.100	4.42100	4.48960	-.03930	.16230	.32020	.07320	-.13210	.03200	.03340	.00280
	GRADIENT	-.01116	.00129	.00280	-.00011	.00019	-.00152	-.02334	.00645	.00667	.00078

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q101) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-7.994	-7.89005	.28505	.09271	-.42786	-.44835	.13905	.00055	-.00757	-.00008	-.00004
.600	-6.014	-5.91055	.28442	.09954	-.30360	-.32363	.09237	.00067	-.00282	-.00232	-.00232
.601	-3.997	-3.89421	.28404	.10480	-.18635	-.20594	.05162	.00056	-.00109	-.00281	-.00270
.599	-1.999	-1.89530	.28402	.10696	-.07899	-.09826	.01336	.00043	.00022	-.00238	-.00231
.600	-.034	.06941	.27958	.10536	.02615	.00715	-.02516	.00071	.00335	-.00386	-.00386
.600	2.012	2.11510	.27009	.09967	.13572	.11645	-.06649	.00093	.00664	-.00604	-.00603
.599	3.983	4.08600	.26477	.09542	.24272	.22376	-.10807	.00092	.00801	-.00612	-.00622
.600	5.989	6.09236	.25811	.08927	.35613	.33751	-.15047	.00083	.00700	-.00520	-.00527
.600	8.024	8.12727	.24952	.08021	.47461	.45608	-.19452	.00096	.00765	-.00535	-.00536
	GRADIENT	1.00003	-.00263	-.00131	.05372	.05378	-.01999	.00006	.00123	-.00052	-.00054

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.900	-8.010	-7.94675	.35004	.14434	-.48914	-.51188	.17009	.00342	.00536	-.00790	-.00796
.898	-5.959	-5.89568	.34187	.14538	-.34590	-.36799	.11708	.00341	.00571	-.00833	-.00852
.901	-4.040	-3.97723	.33673	.14735	-.21485	-.23545	.06579	.00308	.00710	-.00871	-.00885
.900	-2.041	-1.97758	.32725	.14862	-.08810	-.10928	.01168	.00300	.01011	-.00954	-.00953
.898	.017	.08017	.32179	.14542	.04202	.02099	-.04927	.00289	.01038	-.00886	-.00898
.899	2.020	2.08305	.32052	.14341	.17469	.15340	-.10734	.00282	.01030	-.00859	-.00847
.900	4.011	4.07419	.31922	.14151	.29365	.27741	-.14690	.00238	.01118	-.00938	-.00916
.900	5.972	6.03544	.31662	.13798	.42373	.40240	-.19430	.00176	.00740	-.00646	-.00652
.900	7.996	8.05905	.31977	.13690	.54197	.51998	-.24424	.00181	.00713	-.00547	-.00547
	GRADIENT	1.00000	-.00207	-.00074	.06397	.06400	-.02701	-.00008	.00041	-.00002	.00002

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.949	-8.025	-7.96191	.38600	.17008	-.50613	-.53049	.17732	.00329	.00199	-.00585	-.00590
.951	-6.030	-5.96687	.38354	.17388	-.36218	-.38592	.12463	.00271	.00355	-.00636	-.00641
.953	-3.953	-3.88932	.38048	.17624	-.22563	-.24887	.07942	.00249	.00542	-.00694	-.00693
.950	-2.004	-1.94057	.37306	.17475	-.10078	-.12362	.03324	.00219	.00663	-.00637	-.00635
.952	.011	.07449	.36776	.17357	.02851	.00548	-.02013	.00206	.00704	-.00616	-.00614
.950	2.009	2.07254	.35976	.16768	.16104	.13827	-.08839	.00203	.00791	-.00619	-.00609
.948	4.025	4.08855	.35498	.16344	.29160	.26866	-.14214	.00200	.00877	-.00659	-.00641
.949	5.996	6.05969	.35386	.15946	.41781	.39432	-.18341	.00215	.00905	-.00728	-.00722
.949	7.970	8.03296	.35429	.15803	.54050	.51673	-.23690	.00196	.00479	-.00194	-.00190
	GRADIENT	.99999	-.00322	-.00164	.06492	.06495	-.02829	-.00006	.00040	.00004	.00006

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.100	-8.000	-7.93557	.50191	.24864	-.54768	-.57774	.21561	.00136	-.00676	.00253	.00270
1.099	-6.032	-5.96747	.49596	.24948	-.39370	-.42337	.16014	.00097	-.00448	.00178	.00177
1.102	-3.958	-3.89350	.48871	.25039	-.24168	-.27095	.10443	.00089	-.00010	-.00079	-.00084
1.099	-1.977	-1.91287	.48490	.25144	-.10001	-.12911	.04986	.00047	-.00135	.00090	.00105
1.099	-.017	.04766	.48667	.25431	.03357	.00428	-.00364	.00075	.00103	-.00066	-.00048
1.099	1.983	2.04742	.47967	.25138	.15330	.12684	-.05762	.00066	.00110	-.00022	-.00027
1.100	4.002	4.06642	.47547	.24918	.26693	.25944	-.11309	.00045	.00220	-.00049	-.00054
1.101	6.019	6.08325	.47161	.24652	.41577	.38642	-.17110	.00077	.00312	-.00092	-.00091
1.102	7.976	8.04095	.47171	.24226	.52987	.49952	-.21271	.00134	.00411	-.00072	-.00065
	GRADIENT	1.00000	-.00160	-.00013	.06637	.06633	-.02729	-.00004	.00035	-.00003	-.00004

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-9.325	-9.27157	.50364	.27493	-.65029	-.67758	.25072	.00195	-.00189	.00261	.00268
1.251	-7.116	-7.06195	.49692	.27444	-.46279	-.48972	.17897	.00176	.00102	.00121	.00114
1.251	-4.846	-4.79168	.49324	.27705	-.28241	-.30907	.10666	.00125	.00364	.00031	.00023
1.249	-2.662	-2.60776	.49090	.28081	-.12257	-.14841	.04349	.00105	.00393	.00048	.00054
1.249	-.520	-.46618	.48904	.28296	.02432	-.00091	-.01159	.00115	.00558	-.00078	-.00066
1.249	1.618	1.67230	.48505	.28037	.15232	.12667	-.05974	.00110	.00687	-.00149	-.00152
1.251	3.709	3.84326	.47882	.27742	.28357	.25773	-.11443	.00148	.01264	-.00620	-.00631
1.252	5.875	5.92821	.47564	.27428	.40293	.37711	-.16570	.00142	.01328	-.00585	-.00587
1.250	8.070	8.12389	.47747	.27333	.53062	.50418	-.21101	.00177	.01213	-.00562	-.00555
	GRADIENT	1.00000	-.00161	.00001	.06529	.06537	-.02531	.00002	.00097	-.00070	-.00070

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q102) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.601	-8.791	-8.68738	.28342	.08950	-.48081	-.50150	.15999	-.00024	-.01180	.00323	.00327
.600	-4.601	-4.49766	.28303	.10244	-.22298	-.24288	.06424	.00009	-.00244	-.00152	-.00145
.600	-2.586	-2.48293	.28444	.10609	-.11116	-.13072	.02488	.00004	-.00065	-.00194	-.00187
.600	-.408	-.30478	.28058	.10529	.00317	-.01611	-.01606	-.00009	.00018	-.00189	-.00187
.600	1.636	1.73965	.27224	.10003	.11430	.09486	-.05807	.00011	.00315	-.00346	-.00346
.600	3.686	3.78920	.26516	.09547	.22172	.20259	-.09936	.00029	.00729	-.00545	-.00556
.599	7.886	7.98915	.25057	.08024	.46329	.44459	-.18962	.00057	.00543	-.00372	-.00377
	GRADIENT	1.06000	-.00230	-.00096	.05361	.05369	-.01972	.00002	.00113	-.00045	-.00047

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.099	-7.963	-7.89878	.50233	.24954	-.54426	-.57422	.21394	.00130	-.00693	.00283	.00300
1.101	-5.991	-5.92690	.49553	.25005	-.39297	-.42247	.15980	.00110	-.00326	.00094	.00093
1.099	-3.959	-3.89487	.48902	.24985	-.24319	-.27254	.10506	.00062	-.00198	.00060	.00054
1.102	-2.023	-1.95825	.48486	.25211	-.10253	-.13147	.04930	.00066	.00079	-.00043	-.00033
1.101	-.006	.05376	.48636	.25453	.03482	.00564	-.00469	.00095	.00264	-.00184	-.00170
1.099	1.995	2.05994	.47957	.25077	.15941	.12995	-.05773	.00062	.00143	-.00030	-.00035
1.099	4.002	4.06683	.47549	.24923	.28858	.25911	-.11303	.00045	.00109	.00036	.00031
1.099	5.965	6.02944	.47134	.24577	.41111	.38156	-.16818	.00063	.00159	-.00008	-.00008
1.099	8.023	8.08704	.47123	.24165	.53093	.50074	-.21220	.00099	.00201	.00033	.00045
	GRADIENT	1.00000	-.00182	-.00013	.06646	.06642	-.02727	-.00002	.00034	-.00002	-.00002

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-9.288	-9.23398	.50380	.27499	-.64721	-.67452	.24953	.00212	-.00133	.00249	.00256
1.250	-7.046	-6.99203	.49729	.27523	-.45588	-.48377	.17631	.00169	.00111	.00126	.00118
1.248	-4.868	-4.81415	.49409	.27740	-.28424	-.31094	.10770	.00089	.00212	.00178	.00172
1.249	-2.715	-2.66077	.49106	.27996	-.12628	-.15228	.04532	.00087	.00317	.00123	.00132
1.251	-.515	-.46134	.48863	.28242	.02563	.00033	-.01226	.00133	.00665	-.00147	-.00137
1.252	1.652	1.70617	.48452	.28041	.15590	.13026	-.06113	.00131	.00793	-.00259	-.00262
1.251	3.732	3.78578	.47921	.27828	.28119	.25547	-.11341	.00145	.01247	-.00601	-.00611
1.250	5.901	5.95551	.47716	.27516	.40535	.37944	-.16571	.00137	.01294	-.00542	-.00545
1.249	8.070	8.12437	.47797	.27304	.53065	.50469	-.21143	.00174	.01205	-.00557	-.00549
	GRADIENT	.99995	-.00168	.00011	.06553	.06564	-.02544	.00007	.00118	-.00090	-.00091

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q103) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-8.019	-7.96457	.49898	.27427	-.53556	-.56240	.20639	.00196	-.00036	.00153	.00150
1.251	-6.023	-5.96887	.49398	.27504	-.37215	-.39894	.14286	.00135	.00015	.00170	.00160
1.250	-3.962	-3.90761	.49116	.27832	-.21516	-.24142	.08088	.00132	.00260	.00028	.00026
1.249	-1.993	-1.93925	.48870	.28106	-.07494	-.10027	.02569	.00112	.00253	.00081	.00095
1.253	-.032	.02179	.48731	.28214	.05811	.03289	-.02320	.00145	.00647	-.00217	-.00207
1.249	1.999	2.05308	.48197	.27976	.17626	.15089	-.06955	.00139	.00790	-.00311	-.00313
1.253	3.974	4.02766	.47541	.27529	.29492	.26921	-.12036	.00157	.01147	-.00549	-.00554
1.249	5.982	6.03594	.47599	.27507	.41121	.38548	-.16847	.00170	.01243	-.00596	-.00593
1.248	7.987	8.04130	.47741	.27254	.52668	.50010	-.20850	.00212	.01118	-.00498	-.00486
	GRADIENT	.99997	-.00193	-.00037	.06399	.06404	-.02505	.00004	.00116	-.00078	-.00079

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q104) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.102	-7.970	-7.90590	.50264	.24993	-.54573	-.57577	.21544	.00137	-.00599	.00189	.00204
1.098	-6.018	-5.95319	.49516	.24873	-.39250	-.42216	.16020	.00083	-.00548	.00248	.00252
1.100	-4.019	-3.95405	.48846	.24972	-.24620	-.27545	.10655	.00076	-.00101	-.00001	-.00007
1.098	-2.013	-1.94882	.48520	.25124	-.10346	-.13263	.05208	.00045	-.00135	.00112	.00125
1.099	-.034	.03077	.48569	.25317	.03271	.00340	-.00226	.00072	-.00001	-.00012	.00007
1.102	2.012	2.07603	.47903	.25191	.16192	.13287	-.05965	.00087	.00375	-.00188	-.00194
1.102	3.981	4.04531	.47563	.25003	.29026	.26101	-.11426	.00071	.00368	-.00166	-.00171
1.100	6.032	6.09610	.47170	.24666	.41711	.38787	-.17153	.00094	.00391	-.00137	-.00136
1.101	7.976	8.04060	.47157	.24310	.53000	.49989	-.21269	.00117	.00263	-.00007	.00002
	GRADIENT	.99999	-.00159	.00006	.06683	.06684	-.02763	.00002	.00072	-.00031	-.00032

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q104) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.249	-9.288	-9.23354	.50402	.27514	-.64795	-.67523	.25022	.00181	-.00268	.00354	.00361
1.250	-7.072	-7.01794	.49657	.27491	-.45765	-.48451	.17778	.00171	.00118	.00092	.00084
1.251	-4.857	-4.80315	.49267	.27625	-.28194	-.30869	.10758	.00115	.00360	.00058	.00051
1.249	-2.729	-2.67469	.49033	.27946	-.12759	-.15357	.04680	.00100	.00352	.00112	.00121
1.249	-.487	-.43297	.48852	.28277	.02795	.00273	-.01217	.00156	.00759	-.00211	-.00201
1.251	1.604	1.65769	.48396	.28025	.15357	.12804	-.05954	.00155	.00932	-.00318	-.00321
1.252	3.777	3.83095	.47772	.27692	.28374	.25798	-.11441	.00155	.01274	-.00628	-.00639
1.251	5.863	5.91688	.47609	.27416	.40358	.37765	-.16586	.00141	.01284	-.00558	-.00561
1.250	8.072	8.12582	.47775	.27273	.53099	.50436	-.21130	.00175	.01195	-.00541	-.00533
	GRADIENT	.99998	-.00168	.00009	.06540	.06552	-.02548	.00006	.00112	-.00084	-.00084

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q105) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.098	-7.969	-7.90450	.50342	.25084	-.54508	-.57490	.21448	.00132	-.00630	.00239	.00254
1.100	-6.020	-5.95506	.49550	.24989	-.39382	-.42332	.16064	.00102	-.00378	.00109	.00109
1.102	-4.010	-3.94545	.48786	.24928	-.24533	-.27464	.10631	.00083	-.00037	-.00050	-.00055
1.099	-2.007	-1.94261	.48439	.25096	-.10249	-.13161	.05167	.00039	-.00117	.00109	.00123
1.102	-.032	.03215	.48565	.25397	.03427	.00513	-.00405	.00096	.00281	-.00196	-.00183
1.101	2.013	2.07759	.47931	.25199	.16210	.13295	-.05925	.00083	.00320	-.00157	-.00164
1.100	3.970	4.03496	.47568	.24970	.28366	.26034	-.11350	.00047	.00244	-.00094	-.00102
1.102	5.984	6.04865	.47162	.24679	.41651	.38733	-.17119	.00082	.00337	-.00128	-.00127
1.099	8.026	8.09051	.47125	.24284	.53413	.50414	-.21365	.00099	.00188	-.00008	.00001
	GRADIENT	1.00000	-.00147	.00009	.06679	.06679	-.02755	-.00001	.00050	-.00018	-.00019

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q105) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.249	-9.260	-9.20606	.50402	.27492	-.64459	-.67191	.24930	.00179	-.00287	.00399	.00407
1.249	-7.075	-7.02119	.49683	.27513	-.45727	-.48412	.17768	.00151	.00028	.00165	.00158
1.252	-4.862	-4.80826	.49255	.27671	-.28142	-.30811	.10704	.00131	.00431	-.00014	-.00022
1.252	-2.733	-2.67930	.48987	.27947	-.12525	-.15114	.04530	.00114	.00452	.00011	.00017
1.249	-.523	-.46855	.48813	.28175	.02489	-.00044	-.01095	.00133	.00643	-.00139	-.00127
1.249	1.659	1.71333	.48415	.28004	.15516	.12957	-.06046	.00129	.00802	-.00232	-.00235
1.250	3.748	3.80215	.47820	.27746	.28303	.25736	-.11423	.00153	.01270	-.00619	-.00631
1.251	5.866	5.91962	.47592	.27446	.40514	.37928	-.16672	.00140	.01325	-.00582	-.00585
1.251	8.072	8.12625	.47723	.27276	.53185	.50535	-.21171	.00196	.01288	-.00608	-.00600
	GRADIENT	1.00005	-.00159	.00010	.06522	.06532	-.02537	.00003	.00094	-.00067	-.00068

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q106) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-7.969	-8.07276	.28844	.09478	-.45565	-.47607	.14724	.00016	.00848	-.00543	-.00548
.600	-5.868	-5.97130	.28622	.10099	-.32142	-.34133	.09753	-.00014	.00808	-.00522	-.00530
.600	-3.760	-3.86353	.28367	.10498	-.19814	-.21753	.05359	-.00029	.00742	-.00519	-.00523
.600	-1.659	-1.76196	.28269	.10668	-.08006	-.09903	.01198	.00011	.00941	-.00674	-.00678
.601	.383	.28016	.27572	.10340	.02653	.00801	-.02697	.00049	.01162	-.00816	-.00820
.600	2.488	2.38418	.26723	.09654	.13971	.12129	-.07136	.00059	.01420	-.00922	-.00926
.599	4.564	4.46027	.26044	.09140	.25085	.23261	-.11428	.00104	.01729	-.01085	-.01090
.601	6.664	6.56130	.25195	.08306	.37456	.35672	-.16054	.00176	.01776	-.01053	-.01064
.600	8.764	8.66090	.24339	.07397	.49369	.47601	-.20576	.00276	.02110	-.01187	-.01200
	GRADIENT	.99998	-.00298	-.00179	.05375	.05389	-.02016	.00015	.00118	-.00066	-.00067

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q108) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.899	-8.197	-8.26062	.35526	.14618	-.52204	-.54503	.17804	.00296	.01655	-.01139	-.01141
.899	-6.009	-6.07241	.34550	.14667	-.36295	-.38490	.11902	.00288	.01855	-.01238	-.01244
.900	-3.868	-3.93085	.33712	.14719	-.21639	-.23771	.06240	.00301	.01792	-.01213	-.01226
.901	-1.755	-1.81779	.32635	.14556	-.08373	-.10451	.00706	.00301	.01926	-.01314	-.01316
.901	.393	.32984	.31975	.14261	.04911	.02872	-.05209	.00316	.01989	-.01340	-.01348
.901	2.521	2.45739	.31658	.13953	.18729	.16583	-.11308	.00390	.02302	-.01498	-.01496
.901	4.636	4.57247	.31391	.13728	.32094	.30040	-.15962	.00365	.02352	-.01521	-.01516
.901	6.756	6.63278	.31159	.13335	.44434	.42378	-.20453	.00366	.02188	-.01290	-.01309
.902	8.913	8.81963	.31476	.13192	.57171	.55063	-.25519	.00446	.02626	-.01413	-.01423
	GRADIENT	1.00000	-.00264	-.00122	.06323	.06332	-.02651	.00010	.00070	-.00038	-.00036

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.097	-8.360	-8.42508	.50563	.24803	-.59251	-.62247	.22455	.00249	.01668	-.01229	-.01245
1.098	-6.165	-6.22970	.49600	.24691	-.41968	-.44921	.16595	.00213	.01669	-.01271	-.01290
1.098	-3.985	-4.04987	.48556	.24637	-.25701	-.28568	.10595	.00200	.01885	-.01474	-.01501
1.101	-1.795	-1.85922	.48172	.24848	-.10251	-.13101	.04729	.00102	.01516	-.01206	-.01223
1.101	.357	.29279	.48141	.24991	.04323	.01439	-.00990	.00190	.01729	-.01428	-.01440
1.103	2.523	2.45860	.47296	.24554	.17738	.14690	-.06805	.00189	.01750	-.01374	-.01394
1.101	4.652	4.58735	.46804	.24314	.31310	.28461	-.12611	.00259	.01948	-.01482	-.01498
1.102	6.786	6.72163	.46186	.23735	.44077	.41221	-.18235	.00282	.01757	-.01261	-.01264
1.101	8.937	8.87213	.46194	.23208	.56304	.53362	-.22521	.00389	.01985	-.01322	-.01318
	GRADIENT	1.00001	-.00212	-.00043	.06578	.06579	-.02684	.00009	.00017	-.00008	-.00008

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.251	-8.449	-8.50283	.50407	.27674	-.59979	-.62629	.22452	.00235	.01235	-.00912	-.00912
1.251	-6.210	-6.26387	.49832	.27708	-.42555	-.45178	.15832	.00161	.01079	-.00825	-.00839
1.251	-3.861	-4.01464	.49313	.27832	-.24745	-.27339	.08851	.00125	.00941	-.00825	-.00839
1.249	-1.819	-1.87311	.49116	.28058	-.09195	-.11783	.02844	.00123	.00961	-.00954	-.00958
1.249	.356	.30138	.48898	.28250	.05224	.02650	-.02446	.00158	.01086	-.01138	-.01132
1.249	2.528	2.47348	.48351	.27933	.18125	.15549	-.07269	.00129	.01159	-.01175	-.01172
1.250	4.649	4.59492	.47647	.27491	.30270	.27679	-.12560	.00158	.01340	-.01343	-.01345
1.251	6.797	6.74347	.47408	.27206	.42492	.39903	-.17552	.00160	.01473	-.01396	-.01395
1.250	8.951	8.89666	.47519	.26900	.54914	.52218	-.21917	.00307	.01552	-.01471	-.01460
	GRADIENT	.99998	-.00190	-.00037	.06369	.06370	-.02454	.00003	.00046	-.00058	-.00057

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q107) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.248	-8.419	-8.47314	.50184	.27399	-.59264	-.61908	.22053	.00187	.00842	-.00993	-.00987
1.247	-6.216	-6.27108	.49440	.27249	-.41031	-.43658	.15321	.00165	.00989	-.01075	-.01088
1.249	-4.002	-4.05612	.48830	.27350	-.23806	-.26399	.08527	.00141	.00956	-.01034	-.01050
1.250	-1.801	-1.85539	.48546	.27533	-.08099	-.10685	.02400	.00148	.01009	-.01173	-.01178
1.249	.363	.30883	.48344	.27623	.06285	.03697	-.02781	.00212	.01405	-.01477	-.01471
1.252	2.532	2.47764	.47785	.27380	.18710	.16124	-.07453	.00225	.01633	-.01629	-.01630
1.249	4.658	4.60345	.47147	.26875	.31102	.28494	-.12815	.00267	.01983	-.01910	-.01911
1.251	6.811	6.75655	.46999	.26758	.43236	.40645	-.17675	.00298	.02020	-.01784	-.01781
1.248	8.922	8.86755	.47079	.26349	.55375	.52684	-.21869	.00469	.02415	-.02022	-.02014
	GRADIENT	1.00001	-.00190	-.00051	.06312	.06310	-.02427	.00015	.00124	-.00102	-.00100

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q108) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.549	-3.838	-3.90139	.46292	.29176	-.23128	-.25303	.08543	.00052	-.00593	.00229	.00247
1.549	-1.664	-1.72763	.46033	.29305	-.08310	-.10485	.02865	.00040	-.00497	.00175	.00196
1.550	-.565	-.62923	.45992	.29339	-.01096	-.03285	.00292	.00052	-.00314	.00048	.00068
1.550	.535	.47045	.45953	.29344	.06083	.03890	-.02275	.00043	-.00308	.00015	.00031
1.549	2.698	2.63440	.45527	.28962	.19035	.16831	-.07316	.00066	-.00312	-.00013	-.00003
1.550	4.849	4.78469	.45354	.28714	.30700	.28588	-.11929	.00074	-.00032	-.00259	-.00250
1.550	5.902	5.83772	.45450	.28788	.36770	.34663	-.14142	.00126	.00166	-.00422	-.00419
	GRADIENT	.99995	-.00110	-.00061	.06198	.06203	-.02348	.00003	.00058	-.00053	-.00054

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q109) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.550	-6.236	-6.17212	.47429	.29586	-.42422	-.44569	.16097	.00133	.01288	-.00553	-.00572
1.549	-4.043	-3.97914	.46798	.29452	-.25509	-.27645	.09187	.00095	.01276	-.00566	-.00574
1.550	-1.850	-1.78636	.46457	.29443	-.09798	-.11941	.03070	.00101	.01407	-.00719	-.00731
1.550	.345	.40925	.46173	.29427	.04569	.02420	-.01933	.00175	.01676	-.01021	-.01034
1.550	2.531	2.59466	.45591	.29035	.17929	.15779	-.06806	.00264	.01920	-.01225	-.01241
1.549	4.669	4.73215	.44821	.28340	.29618	.27541	-.11641	.00318	.02393	-.01612	-.01631
1.552	5.739	5.80409	.44625	.28097	.35473	.33392	-.13757	.00383	.02577	-.01855	-.01875
	GRADIENT	1.00000	-.00221	-.00120	.06330	.06335	-.02364	.00028	.00126	-.00119	-.00120

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q110) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.600	-6.610	-6.50657	.28206	.09984	.01196	-.00932	-.03177	.03777	.25441	-.11077	-.11277
.600	-4.558	-4.45511	.28182	.10356	.01520	-.00611	-.02914	.02529	.17542	-.07724	-.07874
.600	-.445	-.34231	.27891	.10377	.01470	-.00429	-.02377	.00025	.01962	-.00970	-.00981
.601	3.660	3.76284	.28049	.10392	.02253	.00236	-.02784	-.02276	-.12880	.05491	.05613
.600	5.721	5.82476	.28264	.10192	.02942	.00797	-.03405	-.03565	-.20682	.09011	.09191
	GRADIENT	.99996	-.00016	.00004	.00089	.00103	.00016	-.00585	-.03702	.01608	.01641

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.900	-6.701	-6.63822	.34412	.15031	.02373	.00034	-.04407	.04219	.28654	-.12579	-.12764
.899	-4.620	-4.55688	.33891	.15159	.02708	.00481	-.04356	.02839	.19979	-.08950	-.09080
.901	-.450	-.38683	.32193	.14383	.03025	.00955	-.04689	.00229	.02956	-.01536	-.01544
.900	3.705	3.76760	.32965	.14594	.03321	.01100	-.04729	-.02304	-.13859	.05772	.05871
.900	5.790	5.85299	.33786	.14790	.03445	.01110	-.04696	-.03720	-.22554	.09588	.09747
	GRADIENT	1.00000	-.00111	-.00063	.00074	.00074	-.00045	-.00618	-.04065	.01769	.01796

IA133,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.949	-6.720	-6.65673	.38230	.17557	.02137	-.00454	-.03472	.04330	.28657	-.11998	-.12223
.949	-4.640	-4.57641	.37895	.17784	.02143	-.00302	-.02859	.02925	.19697	-.08372	-.08536
.950	-.456	-.39242	.36718	.17244	.01612	-.00671	-.01867	.00255	.02594	-.01246	-.01258
.950	3.721	3.78439	.37393	.17466	.02543	.00163	-.02682	-.02478	-.14431	.06132	.06262
.949	5.806	5.86394	.37912	.17482	.03254	.00713	-.03277	-.03083	-.22892	.09608	.09816
	GRADIENT	1.00000	-.00060	-.00038	.00048	.00056	.00022	-.00646	-.04082	.01735	.01770

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.101	-6.755	-6.69052	.49332	.25412	.01560	-.01573	-.01138	.05142	.29326	-.12200	-.12421
1.098	-4.652	-4.58740	.48669	.25304	.01340	-.01671	-.00347	.03563	.20252	-.08764	-.08935
1.097	-.452	-.38707	.48263	.24946	.00775	-.02166	.00844	.00330	.02818	-.01519	-.01534
1.099	3.729	3.79354	.48682	.25285	.01863	-.01039	-.00089	-.02853	-.14650	.06173	.06326
1.101	5.833	5.89748	.49124	.25683	.02684	-.00309	-.00992	-.04388	-.23528	.09817	.10029
	GRADIENT	.99999	.00001	-.00002	.00062	.00075	.00031	-.00765	-.04164	.01782	.01821

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.149	-6.766	-6.70284	.49341	.26482	.01859	-.01210	-.01609	.05176	.29677	-.12589	-.12806
1.152	-4.654	-4.59070	.49080	.26749	.02072	-.00884	-.01201	.03559	.20435	-.09017	-.09175
1.151	-.451	-.38828	.48702	.26626	.02069	-.00714	-.00674	.00309	.02695	-.01455	-.01463
1.148	3.735	3.79815	.48862	.26720	.02529	-.00233	-.01117	-.02875	-.14860	.06390	.06545
1.149	5.836	5.89889	.48974	.26748	.02559	-.00199	-.01474	-.04395	-.23518	.09904	.10122
	GRADIENT	1.00001	-.00026	-.00003	.00054	.00078	.00010	-.00767	-.04207	.01837	.01874

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.247	-6.768	-6.71389	.49585	.28016	.02582	-.00277	-.01200	.05024	.29487	-.12561	-.12756
1.251	-4.660	-4.60574	.49237	.28046	.03263	.00467	-.01181	.03424	.20095	-.08799	-.08944
1.251	-.453	-.39907	.48933	.28003	.03691	.01039	-.00883	.00305	.02629	-.01462	-.01469
1.252	3.742	3.79562	.49112	.28134	.03971	.01351	-.01172	-.02723	-.14380	.05919	.06066
1.249	5.845	5.89941	.49087	.28137	.03981	.01359	-.01452	-.04224	-.23221	.09555	.09758
	GRADIENT	.99999	-.00015	.00010	.00084	.00105	.00001	-.00732	-.04103	.01752	.01787

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QIII) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-6.613	-6.50959	.28360	.10132	.00625	-.01547	-.02835	.03828	.25251	-.11014	-.11221
.600	-4.534	-4.43124	.28324	.10458	.00942	-.01163	-.02577	.02569	.17305	-.07651	-.07810
.600	-2.487	-2.38362	.28324	.10599	.01208	-.00664	-.02515	.01282	.09478	-.04291	-.04369
.600	-.433	-.32986	.28069	.10501	.01115	-.00781	-.02145	.00066	.01709	-.00924	-.00939
.600	1.624	1.72714	.27981	.10427	.01573	-.00357	-.02255	-.01003	-.05451	.02123	.02176
.599	3.677	3.78050	.28196	.10450	.02135	.00119	-.02669	-.02250	-.13054	.05519	.05641
.600	5.726	5.82918	.28328	.10227	.02881	.00751	-.03207	-.03559	-.20849	.09054	.09232
	GRADIENT	1.00001	-.00029	-.00009	.00130	.00140	.00004	-.00581	-.03684	.01595	.01629

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.900	-6.705	-6.64180	.34332	.14956	.01462	-.00680	-.03778	.04382	.28793	-.[illegible]780	-.12969
.900	-4.617	-4.55442	.33752	.15090	.01990	-.00237	-.03892	.03030	.20066	-.[illegible]088	-.09225
.900	-2.526	-2.46303	.32787	.14796	.02183	.00040	-.04171	.01567	.11063	-.[illegible]5048	-.05115
.899	-.460	-.39673	.32130	.14334	.02473	.00422	-.04345	.00366	.02849	-.01585	-.01591
.899	1.621	1.68395	.32267	.14356	.02709	.00643	-.04399	-.00783	-.05381	.01919	.01946
.899	3.707	3.77003	.32987	.14618	.03147	.00933	-.04513	-.02154	-.13837	.05684	.05775
.900	5.784	5.84657	.33716	.14775	.03147	.00812	-.04484	-.03578	-.22566	.09533	.09695
	GRADIENT	.99599	-.00099	-.00066	.00137	.00141	-.00071	-.00612	-.04051	.01756	.01782

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.599	-5.737	-5.84042	.28386	.10580	.01173	-.00908	-.02694	.03884	.23531	-.10280	-.10478
.599	-3.675	-3.77823	.28268	.10865	.01451	-.00554	-.02476	.02541	.15207	-.06723	-.06868
.599	-1.611	-1.71466	.28240	.10829	.01755	-.00127	-.02505	.01207	.07002	-.03204	-.03266
.600	.430	.32645	.27912	.10710	.01582	-.00265	-.02159	.00047	-.00694	.00046	.00051
.600	2.484	2.32045	.27735	.10660	.02073	.00149	-.02385	-.01087	-.03190	.03232	.03305
.599	4.536	4.43199	.27833	.10561	.03245	.01251	-.03131	-.02416	-.16216	.06869	.07009
.601	6.604	6.50148	.27790	.10279	.04361	.02338	-.03863	-.03757	-.24202	.10495	.10680
	GRADIENT	1.00000	-.00067	-.00038	.00190	.00189	-.00058	-.00595	-.03804	.01639	.01673

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
.899	-5.817	-5.87991	.34405	.15419	.03059	.00730	-.04522	.04301	.26540	-.11860	-.12023
.899	-3.740	-3.80351	.33556	.15340	.03167	.00923	-.04681	.02756	.17084	-.07665	-.07774
.899	-1.653	-1.71663	.32556	.14893	.03119	.00995	-.04485	.01351	.08058	-.03760	-.03812
.900	.443	.38028	.32118	.14563	.03266	.01213	-.04513	.00160	-.00296	-.00302	-.00301
.901	2.517	2.45388	.32475	.14657	.03851	.01756	-.04710	-.01067	-.08823	.03314	.03355
.901	4.590	4.52693	.33304	.14909	.04579	.02313	-.04918	-.02576	-.17830	.07431	.07542
.900	6.691	6.62806	.33878	.14884	.05248	.02666	-.05195	-.04011	-.26739	.11360	.11536
	GRADIENT	1.00000	-.00028	-.00053	.00171	.00170	-.00034	-.00628	-.04162	.01789	.01814

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.097	-5.866	-5.93110	.49062	.25704	.03537	.00640	-.02097	.04900	.26436	-.11025	-.11233
1.098	-3.749	-3.81370	.48536	.25664	.03369	.00576	-.01489	.03305	.17324	-.07612	-.07757
1.100	-1.653	-1.71792	.48458	.25702	.03174	.00375	-.00945	.01585	.08191	-.03794	-.03861
1.102	.439	.37423	.48642	.25598	.03227	.00358	-.00711	.00001	-.00684	-.00038	-.00019
1.100	2.558	2.49301	.48288	.25551	.03935	.01150	-.01229	-.01656	-.09810	.04011	.04121
1.102	4.627	4.56230	.48769	.25882	.04589	.01778	-.01679	-.03324	-.18803	.07922	.08086
1.098	6.736	6.67135	.48726	.25519	.06152	.03259	-.02897	-.04859	-.27635	.11325	.11552
	GRADIENT	1.00000	.00014	.00014	.00153	.00152	-.00032	-.00787	-.04306	.01854	.01892

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q112) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETAOC	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
1.248	-5.878	-5.93279	.49487	.28411	.03139	.00488	-.02287	.04756	.26509	-.11217	-.11397
1.249	-3.772	-3.82586	.49157	.28447	.03589	.01014	-.02197	.03173	.17158	-.07362	-.07[illegible]
1.250	-1.649	-1.70318	.48897	.28287	.03975	.01434	-.02141	.01495	.07879	-.03480	-.035[illegible]
1.250	.438	.38375	.48672	.28261	.04166	.01661	-.02005	.00001	-.00697	.00101	.00123
1.252	2.552	2.49781	.48843	.28473	.04334	.01794	-.02008	-.01525	-.09449	.03877	.03981
1.251	4.631	4.57739	.48932	.28541	.04964	.02456	-.02495	-.03063	-.18178	.07552	.07714
1.250	6.748	6.69343	.48955	.28267	.05658	.03060	-.03074	-.04625	-.27539	.11350	.11560
	GRADIENT	1.00004	-.00024	.00018	.00148	.00154	-.00022	-.00737	-.04189	.01770	.01806

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q113) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.939	-5.946	.60028	.28841	.08970	-.42531	-.44849	.12526	.02557	.22042	-.09666	-.09849
-7.989	-3.937	.60112	.28897	.09237	-.42794	-.45658	.13140	.01676	.14289	-.06381	-.06480
-7.996	-.009	.59980	.28634	.09334	-.43941	-.46002	.14665	.00171	-.00124	-.00338	-.00339
-7.961	3.990	.59985	.28928	.09444	-.41289	-.43487	.13023	-.01708	-.15588	.06527	.06626
-7.975	6.023	.60028	.28784	.09208	-.40386	-.42669	.12369	-.02748	-.23521	.10027	.10213
	GRADIENT	-.00016	.00004	.00026	.00191	.00199	-.00016	-.00427	-.03769	.01629	.01654

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.969	-6.002	.59975	.28985	.10096	-.19187	-.21468	.04080	.03041	.22511	-.09842	-.10039
-3.972	-4.026	.60029	.28924	.10365	-.19170	-.21376	.04556	.01991	.14872	-.06691	-.06816
-3.967	-.003	.59989	.28602	.10504	-.19822	-.21795	.05907	.00175	.00471	-.00609	-.00603
-3.944	3.974	.59967	.28758	.10556	-.19190	-.21312	.05541	-.01972	-.14653	.06033	.06148
-3.922	5.947	.60024	.28685	.10352	-.18193	-.20376	.04981	-.03165	-.22317	.09450	.09638
	GRADIENT	-.00008	-.00021	.00024	-.00003	.00008	.00124	-.00495	-.03691	.01590	.01620

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.069	-6.610	.60019	.28206	.09984	.01196	-.00992	-.03177	.03777	.25441	-.11077	-.11277
-.049	-4.558	.60007	.28182	.10356	.01520	-.00611	-.02914	.02529	.17542	-.07724	-.07874
-.022	-.445	.60037	.27891	.10377	.01470	-.00429	-.02377	.00025	.01962	-.00970	-.00981
-.005	3.660	.60094	.28049	.10392	.02253	.00236	-.02784	-.02276	-.12880	.05491	.05613
.000	5.721	.59998	.28264	.10192	.02942	.00797	-.03405	-.03565	-.20682	.09011	.09131
	GRADIENT	.00011	-.00016	.00004	.00089	.00103	.00016	-.00585	-.03702	.01608	.01641

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.056	-5.955	.60000	.27015	.09530	.23758	.21689	-.11118	.04391	.24034	-.10554	-.10701
4.027	-3.979	.59982	.26890	.09772	.23483	.21516	-.10702	.02923	.16058	-.07120	-.07237
4.061	.000	.60074	.26549	.09522	.23559	.21652	-.10211	.00207	.01223	-.00915	-.00926
4.055	3.973	.60011	.26657	.09470	.24749	.22806	-.11437	-.02576	-.13371	.05428	.05531
4.042	5.952	.59915	.26899	.09219	.25375	.23326	-.12108	-.04020	-.20969	.08957	.09114
	GRADIENT	.00004	-.00029	-.00038	.00159	.00162	-.00092	-.00692	-.03701	.01578	.01606

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-8.004	-6.045	.59953	.28596	.08898	-.42272	-.44565	.12204	.02603	.22757	-.09899	-.10083
-7.928	-3.928	.60062	.28757	.09183	-.41891	-.44047	.12519	.01716	.14641	-.06589	-.06670
-7.990	-.020	.59945	.28448	.09299	-.43725	-.45764	.14410	.00180	-.00090	-.00330	-.00329
-7.921	4.045	.59990	.28709	.09428	-.40604	-.42779	.12585	-.01754	-.15945	.06705	.06810
-7.976	5.984	.60022	.28548	.09173	-.39943	-.42201	.11982	-.02755	-.23628	.10122	.10306
	GRADIENT	-.00009	-.00006	.00031	.00166	.00163	.00005	-.00435	-.03836	.01668	.01691

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.972	-5.993	.59928	.28725	.10089	-.18503	-.20765	.03643	.03007	.22507	-.09781	-.09975
-3.918	-3.981	.59898	.28689	.10341	-.18235	-.20422	.03999	.01940	.14656	-.06555	-.06673
-4.016	-.009	.60006	.28257	.10456	-.19463	-.21409	.05546	.00136	.00387	-.00506	-.00497
-3.947	3.972	.60025	.28396	.10482	-.18093	-.20183	.04914	-.02033	-.14968	.06254	.06369
-3.941	5.964	.59904	.28454	.10321	-.17658	-.19818	.04532	-.03225	-.22760	.09698	.09890
	GRADIENT	.00016	-.00037	.00018	.00018	.00030	.00115	-.00500	-.03724	.01610	.01640

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.069	-6.610	.60019	.28206	.09984	.01196	-.00992	-.03177	.03777	.25441	-.11077	-.11277
-.049	-4.558	.60007	.28182	.10356	.01520	-.00611	-.02914	.02529	.17542	-.07724	-.07874
-.022	-.445	.60037	.27891	.10377	.01470	-.00429	-.02377	.00025	.01962	-.00970	-.00981
-.005	3.660	.60094	.28049	.10392	.02253	.00236	-.02784	-.02276	-.12880	.05491	.05613
.000	5.721	.59998	.28264	.10192	.02942	.00797	-.03405	-.03565	-.20682	.09011	.09191
	GRADIENT	.00011	-.00016	.00004	.00089	.00103	.00016	-.00585	-.03702	.01608	.01641

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.066	-5.937	.60053	.26730	.09510	.24764	.22717	-.11739	.04289	.23576	-.10248	-.10392
4.052	-4.000	.60273	.26610	.09682	.24376	.22415	-.11277	.02892	.15830	-.06912	-.07028
4.039	-.012	.59930	.26357	.09566	.24032	.22145	-.10630	.00146	.01018	-.00730	-.00736
4.052	3.984	.59976	.26405	.09464	.25458	.23539	-.11932	-.02635	-.13503	.05553	.05663
4.069	5.990	.59865	.26671	.09215	.26397	.24351	-.12728	-.04130	-.21354	.09197	.09358
	GRADIENT	-.00037	-.00026	-.00027	.00136	.00141	-.00082	-.00692	-.03674	.01561	.01590

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q115) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.979	-5.948	.89944	.35351	.14407	-.47590	-.50139	.14758	.02892	.26563	-.11954	-.12129
-7.962	-3.922	.89926	.35421	.14765	-.47739	-.50208	.15542	.01796	.17366	-.07959	-.08046
-7.979	-.002	.90073	.35052	.14489	-.48847	-.51114	.16993	.00272	.00296	-.00537	-.00538
-7.973	3.978	.90069	.35092	.14684	-.45810	-.48235	.14968	-.01870	-.17974	.07674	.07752
-7.954	6.002	.89926	.35108	.14471	-.44754	-.47292	.14074	-.03131	-.27197	.11749	.11916
	GRADIENT	.00018	-.00042	-.00010	.00246	.00245	-.00074	-.00464	-.04473	.01980	.02000

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.998	-6.036	.89971	.34810	.15007	-.20858	-.23273	.04645	.03249	.25666	-.11301	-.11500
-3.967	-4.023	.89956	.34529	.15254	-.20498	-.22817	.05063	.02030	.17097	-.07725	-.07828
-3.984	-.005	.90043	.33566	.14751	-.21171	-.23304	.06398	.00172	.00780	-.00761	-.00765
-3.958	3.991	.89953	.34142	.15149	-.19341	-.21723	.05248	-.02215	-.16329	.06767	.06863
-3.926	5.948	.90023	.34365	.15044	-.18575	-.21059	.04726	-.03545	-.24933	.10547	.10727
	GRADIENT	-.00000	-.00048	-.00013	.00143	.00136	.00023	-.00536	-.04171	.01808	.01833

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.116	-6.701	.89977	.34412	.15031	.02373	.00034	-.04407	.04219	.28634	-.12573	-.12764
-.090	-4.620	.89930	.33891	.15159	.02708	.00481	-.04356	.02839	.19979	-.08950	-.09080
-.058	-.450	.90071	.32193	.14383	.03025	.00955	-.04689	.00229	.02956	-.01536	-.01544
-.047	3.705	.90041	.32965	.14594	.03321	.01100	-.04729	-.02304	-.13859	.05772	.05871
-.048	5.790	.90013	.33786	.14790	.03445	.01110	-.04696	-.03720	-.22554	.09588	.09747
	GRADIENT	.00013	-.00111	-.00068	.00074	.00074	-.00045	-.00018	-.04065	.01769	.01795

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.068	-5.958	.89932	.33534	.14694	.29931	.27677	-.15125	.04259	.25121	-.10745	-.10905
4.033	-3.972	.90011	.33155	.14673	.30016	.27685	-.15058	.02925	.17164	-.07479	-.07589
4.036	-.006	.89987	.31893	.14177	.30125	.28007	-.14820	.00195	.00993	-.00804	-.00778
4.038	3.970	.89896	.32434	.14233	.30187	.27978	-.15183	-.02646	-.14945	.06136	.06238
4.025	5.934	.90003	.33144	.14284	.29893	.27507	-.15198	-.04028	-.23055	.09619	.09782
	GRADIENT	-.00014	-.00091	-.00055	.00021	.00012	-.00016	-.00701	-.04043	.01714	.01741

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q116) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-8.011	-6.031	.94921	.39112	.17076	-.50547	-.53318	.16255	.03127	.28194	-.12594	-.12773
-7.974	-4.016	.95080	.39133	.17477	-.50602	-.53239	.17008	.01959	.18100	-.08103	-.08106
-7.986	-.018	.94952	.38644	.17142	-.50725	-.53156	.17852	.00303	.00173	-.00472	-.00471
-7.952	3.990	.94897	.38846	.17336	-.48364	-.50984	.16413	-.01927	-.18871	.08125	.08196
-7.942	5.994	.94927	.38884	.17083	-.47141	-.49882	.15398	-.03230	-.28373	.12440	.12605
	GRADIENT	-.00023	-.00036	-.00018	.00280	.00282	-.00075	-.00485	-.04618	.02027	.02046

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.969	-5.996	.95012	.38833	.17763	-.22145	-.24819	.05844	.03410	.26377	-.11477	-.11673
-4.014	-4.084	.94951	.38535	.17884	-.22560	-.25073	.06598	.02148	.17615	-.07688	-.07790
-4.023	-.001	.94891	.37728	.17464	-.23157	-.25461	.08151	.00217	.00593	-.00639	-.00635
-3.946	3.980	.94994	.38273	.17918	-.21119	-.23645	.06898	-.02238	-.16995	.07097	.07205
-3.940	5.974	.95022	.38521	.17697	-.20121	-.22773	.06038	-.03624	-.25968	.10986	.11175
	GRADIENT	.00005	-.00033	.00004	.00177	.00176	.00039	-.00544	-.04292	.01833	.01859

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.117	-6.720	.94942	.38230	.17557	.02137	-.00454	-.03472	.04330	.28657	-.11998	-.12223
-.093	-4.640	.94942	.37895	.17784	.02143	-.00302	-.02869	.02925	.19697	-.08372	-.08536
-.065	-.456	.94952	.36718	.17244	.01612	-.00671	-.01867	.00255	.02594	-.01246	-.01258
-.057	3.721	.94977	.37393	.17466	.02543	.00163	-.02602	-.02478	-.14431	.06132	.06262
-.057	5.806	.94948	.37912	.17482	.03254	.00713	-.03277	-.03883	-.22892	.09308	.09816
	GRADIENT	.00004	-.00060	-.00038	.00048	.00056	.00022	-.00646	-.04082	.01735	.01770

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.048	-5.935	.94830	.37153	.17030	.29470	.27107	-.14410	.04240	.24726	-.10026	-.10200
4.006	-3.945	.95104	.36877	.17117	.28953	.26708	-.14193	.02726	.16265	-.06482	-.06604
4.066	-.007	.95093	.35667	.16475	.29274	.26954	-.14050	.00131	.00718	-.00487	-.00462
4.032	3.976	.94917	.36282	.16609	.29359	.27009	-.13909	-.02563	-.14825	.05831	.05971
4.023	5.925	.94990	.37139	.16767	.28956	.26406	-.13455	-.03987	-.22894	.09228	.09441
	GRADIENT	-.00024	-.00075	-.00064	.00051	.00038	.00033	-.00668	-.03925	.01555	.01588

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-8.000	-6.068	1.09902	.50502	.24678	-.55317	-.58636	.20312	.03422	.28843	-.12391	-.12605
-7.955	-4.008	1.09879	.50465	.25025	-.54755	-.57987	.20688	.02130	.18097	-.07715	-.07849
-7.956	.004	1.09753	.49965	.24778	-.54897	-.57896	.21612	.00184	-.00492	.00054	.00067
-7.963	3.962	1.09756	.50029	.24782	-.53083	-.56116	.20386	-.02062	-.19276	.08111	.08249
-7.955	6.015	1.09744	.49772	.24494	-.51356	-.54449	.18955	-.03429	-.29331	.12485	.12706
	GRADIENT	-.00015	-.00055	-.00031	.00209	.00234	-.00037	-.00526	-.04689	.01985	.02019

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.995	-6.022	1.10051	.49751	.25159	-.23683	-.26954	.07885	.03978	.26437	-.11047	-.11266
-3.976	-4.043	1.10016	.49317	.25205	-.23960	-.27143	.08861	.02585	.17409	-.07450	-.07584
-3.971	-.005	1.10092	.48660	.24900	-.24502	-.27424	.10467	.00127	.00073	-.00184	-.00192
-3.953	3.969	1.09873	.49021	.25294	-.22139	-.25030	.08618	-.02597	-.17331	.07171	.07309
-3.933	5.983	1.09740	.49130	.25204	-.20722	-.23702	.07467	-.04071	-.26413	.10896	.11124
	GRADIENT	-.00018	-.00037	.00011	.00226	.00263	-.00029	-.00647	-.04336	.01825	.01859

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.150	-6.755	1.10124	.49332	.25412	.01560	-.01573	-.01138	.05142	.29326	-.12200	-.12421
-.126	-4.652	1.09850	.48669	.25304	.01340	-.01671	-.00347	.03563	.20252	-.08764	-.08935
-.095	-.452	1.09746	.48263	.24946	.00775	-.02166	.00844	.00330	.02818	-.01519	-.01534
-.078	3.729	1.09879	.48682	.25265	.01863	-.01039	-.00089	-.02853	-.14650	.06173	.06326
-.077	5.833	1.10119	.49124	.25683	.02684	-.00309	-.00992	-.04388	-.23528	.09817	.10029
	GRADIENT	.00003	.00001	-.00002	.00062	.00075	.00031	-.00765	-.04164	.01782	.01821

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.039	-5.962	1.10088	.47959	.25164	.30140	.27300	-.12662	.04873	.25362	-.10484	-.10621
4.052	-3.995	1.10013	.47789	.25207	.29863	.27023	-.12446	.03258	.17097	-.07214	-.07297
4.048	-.004	1.10166	.47458	.24966	.28967	.26047	-.11411	.00069	.00469	-.00350	-.00359
4.050	3.983	1.09736	.47766	.24614	.28727	.25791	-.11796	-.03013	-.15479	.06249	.06364
4.034	5.935	1.09837	.48082	.24634	.29366	.26345	-.12392	-.04629	-.23605	.09545	.09705
	GRADIENT	-.00035	-.00003	-.00074	-.00142	-.00154	.00081	-.00786	-.04083	.01687	.01712

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4Q118) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.967	-5.953	1.14910	.50441	.25847	-.54957	-.58113	.20227	.03387	.27801	-.12146	-.12336
-7.968	-4.000	1.14908	.50350	.26191	-.55088	-.58103	.20970	.02131	.17735	-.07649	-.07774
-7.996	.002	1.14952	.50097	.26112	-.55375	-.58214	.21881	.00190	-.00577	-.00086	-.00067
-7.976	3.986	1.15201	.50265	.26235	-.52848	-.55740	.20330	-.02093	-.18984	.07955	.08091
-7.937	5.987	1.15037	.49960	.25902	-.51009	-.53971	.18918	-.03521	-.28975	.12327	.12539
	GRADIENT	.00037	-.00011	.00006	.00280	.00296	-.00080	-.00529	-.04598	.01954	.01987

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-3.974	-5.997	1.14953	.49668	.26385	-.23900	-.26943	.07836	-.04053	.26307	-.11282	-.11484
-4.012	-4.080	1.15108	.49279	.26449	-.24204	-.27160	.08674	.02708	.17607	-.07815	-.07937
-3.984	.086	1.15088	.48833	.26165	-.23895	-.26701	.09992	.00012	-.00415	-.00115	-.00111
-3.974	4.003	1.15157	.49447	.26765	-.21671	-.24436	.08411	-.02743	-.17381	.07111	.07246
-3.991	6.054	1.14790	.49519	.26700	-.20833	-.23699	.07637	-.04207	-.26480	.10800	.11019
	GRADIENT	.00006	.00019	.00038	.00311	.00335	-.00029	-.00674	-.04329	.01847	.01878

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.149	-6.766	1.14854	.49341	.26482	.01859	-.01210	-.01609	.05176	.29677	-.12589	-.12806
-.124	-4.654	1.15182	.49080	.26749	.02072	-.00884	-.01201	.03559	.20435	-.09017	-.09175
-.095	-.451	1.15096	.48762	.26626	.02069	-.00714	-.00674	.00309	.02695	-.01455	-.01463
-.086	3.735	1.14807	.48862	.26720	.02529	-.00233	-.01117	-.02875	-.14860	.06390	.06545
-.091	5.836	1.14941	.48974	.26748	.02559	-.00199	-.01474	-.04395	-.23618	.09904	.10122
	GRADIENT	-.00045	-.00026	-.00003	.00054	.00078	.00010	-.00767	-.04207	.01837	.01874

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.073	-5.944	1.15084	.48283	.26490	.30687	.27944	-.13101	.04831	.25508	-.10641	-.10774
4.034	-3.975	1.14825	.48178	.26571	.30229	.27534	-.12617	.03284	.17373	-.07649	-.07727
4.049	-.008	1.14906	.47940	.26392	.28854	.26057	-.11291	.00048	.00296	-.00447	-.00441
4.051	3.986	1.15026	.48029	.26321	.29440	.26708	-.12740	-.03041	-.15738	.06338	.06453
4.020	5.914	1.15184	.48149	.26161	.29527	.26729	-.12947	-.04578	-.23807	.09606	.09765
	GRADIENT	.00025	-.00019	-.00031	-.00099	-.00103	-.00016	-.00794	-.04159	.01757	.01781

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS) (X4QI19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-7.925	-6.007	1.24899	.50209	.27286	-.53519	-.56432	.19644	.03627	.28154	-.11594	-.11774
-7.972	-3.997	1.24856	.50137	.27492	-.53872	-.56638	.20454	.02313	.17917	-.07077	-.07194
-7.971	-.007	1.25101	.49976	.27440	-.53844	-.56548	.20836	.00269	.00261	.00025	.00021
-7.981	3.990	1.24809	.50169	.27723	-.52850	-.55544	.19744	-.02073	-.18304	.07781	.07909
-7.962	5.995	1.24937	.50138	.27571	-.52315	-.55096	.19158	-.03418	-.28243	.12018	.12226
	GRADIENT	-.00006	.00004	.00029	.00128	.00141	-.00089	-.00549	-.04535	.01860	.01891

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-4.008	-6.054	1.25073	.49680	.27704	-.23059	-.25930	.07813	.04048	.26255	-.10775	-.10952
-3.965	-4.030	1.24895	.49446	.27791	-.22446	-.25192	.08007	.02613	.16986	-.06935	-.07029
-4.009	-.009	1.25031	.49180	.27747	-.22517	-.25168	.08558	.00150	.00483	.00007	.00007
-3.948	4.001	1.25127	.49437	.28121	-.21746	-.24355	.07826	-.02458	-.16468	.06954	.07054
-3.937	5.953	1.25083	.49469	.28067	-.21091	-.23790	.07263	-.03856	-.25210	.10476	.10655
	GRADIENT	.00029	-.00001	.00041	.00087	.00104	-.00022	-.00631	-.04166	.01729	.01754

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
-.142	-6.768	1.24715	.49585	.28016	.02582	-.00277	-.01200	.05024	.29487	-.12561	-.12756
-.112	-4.660	1.25130	.49237	.28046	.03263	.00467	-.01181	.03424	.20095	-.08799	-.08944
-.076	-.453	1.25125	.48933	.28003	.03691	.01039	-.00883	.00305	.02629	-.01462	-.01469
-.065	3.742	1.25211	.49112	.28134	.03971	.01351	-.01172	-.02723	-.14380	.05919	.06066
-.069	5.845	1.24941	.49087	.28137	.03981	.01359	-.01452	-.04224	-.23221	.09555	.09758
	GRADIENT	.00010	-.00015	.00010	.00084	.00105	.00001	-.00732	-.04103	.01752	.01787

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	CAL	CAFL	CNL	CNFL	CLMFL	CBLFL	CYFL	CYNFL	CYNL
4.079	-5.988	1.24907	.48584	.27980	.29473	.26818	-.12493	.04864	.26327	-.10996	-.11134
4.060	-4.005	1.25116	.48448	.28022	.29456	.26774	-.12455	.03309	.17971	-.07694	-.07784
4.063	-.011	1.24786	.47836	.27711	.29321	.26740	-.11769	.00182	.01360	-.00659	-.00669
4.041	3.977	1.24862	.48145	.27639	.29620	.27015	-.12122	-.02953	-.15310	.06618	.06710
4.021	5.940	1.24836	.48218	.27490	.29575	.26932	-.12344	-.04471	-.23475	.09719	.09857
	GRADIENT	-.00032	-.00038	-.00048	.00020	.00030	.00042	-.00785	-.04170	.01793	.01816

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q001) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-7.994	.06995	.03794	.03915	.02050	-.11008	-.01116	.08777	.00223	.00082	-.00105
.600	-6.014	.06730	.03714	.04110	.02003	-.04810	-.01089	.04439	.00339	-.00048	-.00045
.601	-3.997	.06395	.03637	.04263	.01958	.01128	-.01063	.00346	.00247	-.00066	-.00015
.599	-1.999	.06823	.03582	.04271	.01927	.07340	-.01045	-.03909	.00296	-.00122	.00037
.600	-.034	.06442	.03546	.04087	.01901	.13457	-.01027	-.08110	.00368	-.00225	.00084
.600	2.012	.06339	.03560	.03792	.01927	.19500	-.01050	-.12160	.00339	-.00305	.00143
.599	3.983	.06614	.03480	.03247	.01897	.26704	-.01040	-.17251	.00429	-.00409	.00163
.600	5.989	.06520	.03406	.02710	.01862	.33526	-.01023	-.22017	.00268	-.00344	.00140
.600	8.024	.06697	.03380	.02070	.01853	.39877	-.01021	-.26543	.00135	-.00316	.00126
	GRADIENT	-.00002	-.00017	-.00126	-.00006	.03170	.00002	-.02175	.00020	-.00043	.00023

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.900	-8.010	.07093	.04296	.06683	.02274	-.14775	-.01216	.12246	.00959	-.00559	.00187
.898	-5.959	.07174	.04161	.06514	.02209	-.07990	-.01184	.07406	.00976	-.00648	.00255
.901	-4.040	.07502	.04054	.06387	.02160	-.01213	-.01161	.02637	.00969	-.00698	.00291
.900	-2.041	.07247	.03951	.06161	.02118	.06209	-.01145	-.02549	.01033	-.00755	.00328
.898	.017	.07104	.03907	.05939	.02103	.14443	-.01141	-.08295	.00923	-.00668	.00347
.899	2.020	.07293	.03851	.05742	.02129	.22740	-.01157	-.14140	.00825	-.00646	.00356
.900	4.011	.07517	.03936	.05683	.02124	.29117	-.01155	-.18677	.00718	-.00625	.00335
.900	5.972	.07987	.03944	.05653	.02133	.35670	-.01162	-.23306	.00454	-.00480	.00279
.900	7.996	.08096	.04043	.05682	.02199	.42670	-.01203	-.28145	.00088	-.00231	.00236
	GRADIENT	.00004	-.00012	-.00091	-.00003	.03829	.00000	-.02689	-.00035	.00013	.00006

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.949	-8.025	.12428	.04571	.08174	.02437	-.16600	-.01309	.14365	.00848	-.00428	.00200
.951	-6.030	.12636	.04445	.08082	.02374	-.09814	-.01278	.09493	.00761	-.00409	.00199
.953	-3.953	.12859	.04342	.07887	.02324	-.02994	-.01254	.04587	.00740	-.00442	.00215
.950	-2.004	.12530	.04241	.07613	.02285	.04269	-.01239	-.00655	.00704	-.00440	.00239
.952	.011	.12779	.04264	.07399	.02303	.12200	-.01252	-.06227	.00677	-.00458	.00253
.950	2.009	.12625	.04222	.07025	.02277	.21071	-.01236	-.12542	.00664	-.00482	.00285
.948	4.025	.12536	.04250	.06766	.02294	.28348	-.01247	-.17839	.00603	-.00495	.00303
.949	5.996	.12831	.04349	.06667	.02348	.34053	-.01276	-.21972	.00367	-.00396	.00324
.949	7.970	.13030	.04411	.06542	.02378	.40801	-.01290	-.26672	-.00107	-.00044	.00249
	GRADIENT	-.00027	-.00010	-.00142	-.00003	.03981	.00001	-.02842	-.00016	-.00007	.00011

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q001) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.100	-8.000	.18862	.05702	.10648	.03006	-.19889	-.01599	.18539	.00194	.00224	.00023
1.099	-6.032	.18755	.05580	.10416	.02968	-.12234	-.01591	.12867	.00176	.00160	.00074
1.102	-3.958	.18402	.05476	.10150	.02926	-.04062	-.01576	.06881	.00266	.00010	.00129
1.099	-1.977	.18466	05435	.10055	.02909	.03972	-.01569	.01067	.00171	.00033	.00115
1.099	-.017	.18292	.05504	.10203	.02929	.12139	-.01570	-.04814	.00178	-.00037	.00160
1.099	1.983	.18257	.05486	.10135	.02935	.20445	-.01582	-.10829	.00077	.00003	.00176
1.100	4.002	.18089	.05490	.09955	.02949	.28066	-.01595	-.16447	-.00091	.00057	.00156
1.101	6.019	.17064	.05443	.09742	.02935	.34342	-.01591	-.20958	-.00167	.00024	.00172
1.102	7.975	.17754	.05627	.09469	.03025	.39773	-.01637	-.24697	-.00164	-.00038	.00202
	GRADIENT	-.00042	.00004	-.00016	.00004	.04062	-.00003	-.02945	-.00041	.00003	.00006

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-9.325	.06573	.05189	.11668	.02729	-.21633	-.01448	.19912	.00697	.00112	.00155
1.251	-7.116	.06490	.05099	.11375	.02693	-.12914	-.01435	.13162	.00679	.00013	.00186
1.251	-4.846	.06209	.05030	.11340	.02666	-.03412	-.01425	.05920	.00607	-.00015	.00188
1.249	-2.662	.06429	.04885	.11378	.02584	.05791	-.01379	-.01008	.00466	-.00015	.00201
1.249	-.520	.06373	.04789	.11349	.02523	.14736	-.01341	-.07709	.00370	-.00060	.00216
1.249	1.618	.06232	.04860	.11354	.02565	.22979	-.01365	-.13695	.00325	-.00093	.00239
1.251	3.789	.05538	.04860	.11349	.02584	.30118	-.01385	-.18841	.00276	-.00100	.00276
1.252	5.875	.05318	.04658	.11116	.02587	.35682	-.01388	-.22690	.00179	-.00069	.00246
1.250	8.070	.05791	.04946	.10968	.02644	.41547	-.01424	-.26706	.00075	-.00079	.00281
	GRADIENT	-.00079	-.00017	-.00000	-.00009	.03909	.00004	-.02887	-.00037	-.00011	.00010

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q002) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.601	-8.791	.08547	.03832	.03809	.02069	-.13399	-.01126	.10622	-.00002	.00321	-.00220
.600	-4.601	.06031	.03696	.04203	.01990	-.00431	-.01080	.01630	.00199	.00012	-.00073
.600	-2.586	.06482	.03635	.04306	.01956	.05642	-.01051	-.02568	.00105	-.00016	-.00033
.600	-.408	.06653	.03592	.04167	.01927	.12305	-.01043	-.07148	-.00039	-.00017	-.00010
.600	1.636	.06779	.03608	.03862	.01943	.18286	-.01034	-.11253	-.00058	-.00077	.00047
.600	3.686	.06693	.03519	.03356	.01913	.25499	-.01047	-.16305	.00323	-.00319	.00105
.599	7.986	.04892	.03418	.02146	.01870	.39343	-.01028	-.26097	-.00111	-.00170	.00086
	GRADIENT	.00078	-.00018	-.00103	-.00008	.03101	.00004	-.02142	.00004	-.00035	.00021

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.099	-7.963	.18884	.05683	.10689	.02986	-.19733	-.01593	.18419	.00175	.00243	.00019
1.101	-5.991	.18624	.05543	.10433	.02949	-.12123	-.01582	.12757	.00222	.00133	.00087
1.093	-3.953	.18596	.05495	.10165	.02936	-.04317	-.01590	.07074	.00186	.00080	.00105
1.102	-2.023	.18222	.05406	.10069	.02894	.04017	-.01561	.00320	.00253	-.00033	.00142
1.101	-.006	.18123	.05481	.10190	.02918	.12312	-.01565	-.04935	.00265	-.00107	.00185
1.099	1.995	.18229	.05504	.10092	.02945	.20520	-.01597	-.10878	.00087	-.00003	.00176
1.099	4.002	.18202	.05488	.09946	.02948	.27933	-.01594	-.16374	-.00111	.00076	.00152
1.099	5.965	.18171	.05483	.09712	.02955	.33952	-.01603	-.20540	-.00263	.00100	.00160
1.099	8.023	.18050	.05619	.09445	.03019	.39712	-.01633	-.24595	-.00296	.00053	.00152
	GRADIENT	-.00039	.00004	-.00021	.00004	.04067	-.00003	-.02946	-.00038	.00001	.00006

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-9.288	.06418	.05194	.11664	.02731	-.21493	-.01449	.19798	.00736	.00084	.00169
1.250	-7.046	.06474	.05091	.11409	.02689	-.12570	-.01433	.12882	.00650	.00039	.00186
1.248	-4.868	.06651	.05037	.11376	.02670	-.03503	-.01427	.05993	.00491	.00063	.00150
1.249	-2.715	.06432	.04913	.11351	.02600	.05554	-.01387	-.00826	.00430	.00011	.00183
1.251	-.515	.06021	.04801	.11332	.02531	.14657	-.01345	-.07818	.00451	-.00113	.00240
1.252	1.652	.05922	.04854	.11363	.02563	.23191	-.01365	-.13902	.00371	-.00145	.00259
1.251	3.732	.05697	.04835	.11378	.02571	.30039	-.01378	-.18803	.00287	-.00106	.00273
1.250	5.901	.05629	.04664	.11172	.02591	.35820	-.01391	-.22776	.00174	-.00060	.00243
1.249	8.070	.05902	.04969	.10954	.02656	.41552	-.01430	-.26704	.00104	-.00084	.00283
	GRADIENT	-.00112	-.00022	.00001	-.00011	.03930	.00006	-.02907	-.00022	-.00023	.00015

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q003) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-8.019	.06706	.05092	.11394	.02684	-.16335	-.01428	.15836	.00564	.00072	.00164
1.251	-6.023	.06620	.05064	.11283	.02678	-.09203	-.01429	.06602	.00460	.00064	.00173
1.250	-3.962	.06536	.04953	.11298	.02625	.00474	-.01403	.03009	.00452	-.00008	.00201
1.249	-1.993	.06610	.04801	.11286	.02533	.08753	-.01348	-.03189	.00321	-.00005	.00205
1.253	-.032	.05952	.04793	.11289	.02522	.16917	-.01339	-.09334	.00304	-.00109	.00255
1.249	1.999	.06231	.04601	.11341	.02537	.24610	-.01352	-.14849	.00219	-.00109	.00262
1.253	3.974	.05517	.04940	.11220	.02571	.30447	-.01377	-.19009	.00059	-.00029	.00268
1.249	5.982	.05799	.04841	.11105	.02573	.36157	-.01379	-.22944	-.00010	-.00028	.00256
1.248	7.987	.06034	.04972	.10890	.02658	.41195	-.01432	-.26366	-.00023	-.00090	.00310
	GRADIENT	-.00121	-.00011	-.00005	-.00005	.03816	.00002	-.02803	-.00045	-.00007	.00010

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q004) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.102	-7.970	.18799	.05684	.10658	.03004	-.19660	-.01601	.18378	.00245	.00189	.00034
1.098	-6.018	.18860	.05579	.10392	.02966	-.12349	-.01590	.12984	.00132	.00193	.00058
1.100	-4.019	.18509	.05479	.10126	.02926	-.04482	-.01574	.07207	.00260	.00028	.00118
1.098	-2.013	.18476	.05451	.10026	.02918	.03621	-.01574	.01351	.00178	.00041	.00114
1.099	-.034	.18394	.05511	.10116	.02931	.11905	-.01571	-.04612	.00133	-.00012	.00154
1.102	2.012	.17956	.05432	.10107	.02906	.20841	-.01556	-.11169	.00177	-.00082	.00204
1.102	3.981	.17944	.05447	.09963	.02925	.28271	-.01582	-.16640	.00005	-.00031	.00179
1.100	6.032	.17912	.05430	.09722	.02924	.34420	-.01585	-.21004	-.00126	-.00013	.00189
1.101	7.976	.17965	.05602	.09502	.03012	.39721	-.01630	-.24633	-.00243	.00022	.00187
	GRADIENT	-.00082	-.00004	-.00012	-.00001	.04132	-.00000	-.03007	-.00025	-.00012	.00011

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q004) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.249	-9.288	.06766	.05185	.11674	.02728	-.21554	-.01448	.19859	.00658	.00148	.00140
1.250	-7.072	.06597	.05085	.11366	.02687	-.12727	-.01432	.12997	.00684	.00008	.00187
1.251	-4.857	.06173	.05046	.11279	.02675	-.03528	-.01430	.06001	.00611	-.00017	.00183
1.249	-2.729	.06436	.04910	.11284	.02598	.05320	-.01386	-.00649	.00434	.00000	.00196
1.249	-.487	.06183	.04786	.11288	.02522	.14908	-.01340	-.07830	.00506	-.00159	.00263
1.251	1.604	.05852	.04837	.11309	.02554	.22972	-.01350	-.13719	.00441	-.00196	.00283
1.252	3.777	.05545	.04845	.11289	.02576	.30006	-.01381	-.18754	.00281	-.00101	.00283
1.251	5.863	.05547	.04871	.11098	.02593	.35688	-.01392	-.22663	.00189	-.00071	.00247
1.250	8.072	.05802	.04979	.10939	.02663	.41563	-.01434	-.26700	.00095	-.00089	.00282
	GRADIENT	-.00085	-.00022	.00002	-.00011	.03923	.00006	-.02998	-.00030	-.00017	.00013

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q005) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.098	-7.969	.18871	.05653	.10736	.02982	-.19691	-.01587	.18423	.00224	.00206	.00026
1.100	-6.020	.18719	.05544	.10423	.02950	-.12262	-.01582	.12893	.00200	.00144	.00078
1.102	-4.010	.18419	.05487	.10099	.02931	-.04438	-.01578	.07156	.00269	.00019	.00125
1.099	-2.007	.18428	.05437	.09994	.02912	.03714	-.01571	.01280	.00176	.00038	.00110
1.102	-.032	.18105	.05480	.10129	.02914	.12229	-.01562	-.04901	.00272	-.00115	.00187
1.101	2.013	.18051	.05443	.10098	.02915	.20771	-.01572	-.11096	.00154	-.00067	.00199
1.100	3.970	.18096	.05464	.09914	.02933	.28168	-.01585	-.16516	-.00097	.00048	.00154
1.102	5.984	.17945	.05421	.09721	.02918	.34376	-.01581	-.20967	-.00163	.00006	.00179
1.099	8.026	.18132	.05573	.09492	.02999	.39862	-.01625	-.24717	-.00290	.00061	.00179
	GRADIENT	-.00051	-.00002	-.00012	.00000	.04118	-.00001	-.02989	-.00038	-.00002	.00007

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q005) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.249	-9.260	.06732	.05191	.11652	.02732	-.21497	-.01451	.19798	.00632	.00158	.00133
1.249	-7.075	.06734	.05081	.11370	.02685	-.12678	-.01431	.12977	.00661	.00032	.00167
1.252	-4.862	.06030	.05035	.11286	.02669	-.03474	-.01426	.05956	.00640	-.00040	.00201
1.252	-2.733	.06082	.04894	.11271	.02589	.05516	-.01381	-.00818	.00506	-.00038	.00211
1.249	-.523	.06223	.04807	.11253	.02533	.14651	-.01346	-.07651	.00459	-.00129	.00239
1.249	1.659	.06203	.04847	.11234	.02560	.23060	-.01363	-.13754	.00364	-.00130	.00260
1.250	3.748	.05767	.04830	.11307	.02567	.30004	-.01375	-.18753	.00290	-.00101	.00283
1.251	5.866	.05472	.04860	.11101	.02566	.35793	-.01387	-.22750	.00197	-.00072	.00246
1.251	8.072	.05630	.04958	.10933	.02650	.41603	-.01427	-.26752	.00142	-.00108	.00300
	GRADIENT	-.00018	-.00021	.00003	-.00011	.03911	.00006	-.02886	-.00039	-.00010	.00010

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q006) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-7.969	-.05944	.03794	.03989	.02042	-.10993	-.01108	.08844	.00224	-.00087	.00067
.600	-5.868	-.05973	.03698	.04116	.01991	-.04723	-.01080	.04445	-.00007	-.00026	.00049
.600	-3.760	-.06288	.03607	.04148	.01939	.01606	-.01051	.00080	-.00153	-.00008	.00044
.600	-1.659	-.06643	.03525	.04029	.01896	.08273	-.01028	-.04486	-.00152	-.00085	.00096
.601	.383	-.06753	.03450	.03718	.01852	.14568	-.01002	-.06838	-.00125	-.00152	.00145
.600	2.488	-.07744	.03437	.03307	.01843	.20827	-.00995	-.13165	-.00199	-.00145	.00175
.599	4.564	-.06427	.03391	.02735	.01824	.27833	-.00988	-.18072	-.00201	-.00200	.00220
.601	6.664	-.08356	.03313	.02026	.01784	.35029	-.00968	-.23099	-.00414	-.00123	.00245
.600	8.764	-.09312	.03277	.01410	.01769	.41417	-.00961	-.27636	-.00475	-.00148	.00297
	GRADIENT	-.00261	-.00025	-.00171	-.00014	.03126	.00008	-.02163	-.00007	-.00021	.00021

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q008) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.899	-8.197	-.07666	.04397	.06727	.02299	-.14650	-.01214	.12417	.01061	-.00658	.00333
.899	-6.009	-.08098	.04203	.06447	.02196	-.07065	-.01159	.06981	.00938	-.00684	.00361
.900	-3.868	-.08394	.04067	.06248	.02132	.00103	-.01128	.01912	.00793	-.00680	.00400
.901	-1.755	-.08924	.03944	.05956	.02078	.07829	-.01106	-.03458	.00746	-.00700	.00434
.901	.393	-.09349	.03875	.05619	.02039	.16065	-.01083	-.09216	.00655	-.00653	.00457
.901	2.521	-.09993	.03870	.05346	.02046	.24526	-.01092	-.15256	.00740	-.00747	.00543
.901	4.636	-.10294	.03850	.05245	.02054	.31332	-.01105	-.20132	.00620	-.00713	.00518
.901	6.756	-.10611	.03826	.05189	.02056	.37527	-.01113	-.24441	.00284	-.00459	.00486
.902	8.913	-.11527	.03903	.05206	.02108	.44648	-.01147	-.29405	.00188	-.00415	.00511
	GRADIENT	-.00229	-.00024	-.00123	-.00009	.03720	.00003	-.02626	-.00017	-.00005	.00016

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.097	-8.360	-.18883	.05690	.10555	.02996	-.20715	-.01592	.19337	.00838	-.00375	.00326
1.098	-6.165	-.18858	.05587	.10242	.02953	-.12870	-.01575	.13658	.00609	-.00334	.00309
1.098	-3.985	-.19155	.05412	.09853	.02868	-.04144	-.01533	.07233	.00578	-.00464	.00350
1.101	-1.795	-.19070	.05347	.09702	.02850	.04650	-.01531	.00768	.00271	-.00293	.00254
1.101	.357	-.19309	.05412	.09730	.02884	.13344	-.01548	-.05564	.00280	-.00377	.00343
1.103	2.523	-.19670	.05353	.09514	.02858	.22286	-.01538	-.12180	.00237	-.00361	.00365
1.101	4.652	-.20119	.05323	.09290	.02849	.29826	-.01536	-.17699	.00166	-.00376	.00411
1.102	6.786	-.20271	.05318	.08898	.02856	.35731	-.01545	-.21873	.00038	-.00356	.00400
1.101	8.937	-.20760	.05506	.08603	.02942	.41047	-.01583	-.25539	.00070	-.00429	.00465
	GRADIENT	-.00117	-.00008	-.00061	-.00001	.03964	-.00001	-.02909	-.00040	.00005	.00011

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.251	-8.449	-.06273	.05060	.11872	.02649	-.18171	-.01400	.17530	.00830	-.00253	.00264
1.251	-6.210	-.06609	.04963	.11680	.02613	-.09978	-.01389	.11225	.00548	-.00170	.00247
1.251	-3.961	-.06746	.04901	.11555	.02595	-.00603	-.01386	.04150	.00399	-.00184	.00250
1.249	-1.819	-.07181	.04875	.11482	.02587	.08166	-.01385	-.02510	.00354	-.00257	.00272
1.249	.356	-.07682	.04844	.11445	.02574	.16662	-.01379	-.08922	.00288	-.00330	.00296
1.249	2.528	-.08169	.04845	.11353	.02576	.24879	-.01381	-.14884	.00201	-.00359	.00280
1.250	4.649	-.08625	.04848	.11172	.02591	.31174	-.01395	-.19386	.00126	-.00344	.00281
1.251	6.797	-.09150	.04827	.10828	.02589	.37140	-.01399	-.23554	.00186	-.00446	.00276
1.250	8.951	-.09692	.05011	.10514	.02655	.42341	-.01460	-.27142	.00257	-.00581	.00416
	GRADIENT	-.00220	-.00006	-.00041	-.00001	.03730	-.00001	-.02757	-.00032	-.00020	.00003

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q007) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.248	-8.419	-.03766	.05056	.11422	.02644	-.17701	-.01396	.17177	.00473	-.00157	.00138
1.247	-6.216	-.04890	.04994	.11105	.02627	-.09266	-.01395	.10693	.00378	-.00195	.00208
1.249	-4.002	-.05562	.04900	.10964	.02593	-.00186	-.01384	.03746	.00298	-.00242	.00240
1.250	-1.801	-.06427	.04872	.10884	.02586	.08781	-.01384	-.03037	.00264	-.00337	.00281
1.249	.363	-.07834	.04873	.10825	.02587	.17309	-.01385	-.09445	.00325	-.00493	.00351
1.252	2.532	-.08830	.04962	.10774	.02586	.25346	-.01386	-.15255	.00379	-.00602	.00379
1.249	4.658	-.10430	.04868	.10567	.02608	.31445	-.01407	-.19606	.00340	-.00649	.00412
1.251	6.811	-.11430	.04834	.10276	.02591	.37469	-.01399	-.23814	.00384	-.00700	.00413
1.248	8.922	-.13137	.05009	.09953	.02691	.42517	-.01456	-.27325	.00548	-.00886	.00572
	GRADIENT	-.00560	-.00003	-.00042	.00001	.03688	-.00002	-.02722	.00009	-.00050	.00020

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q008) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.549	-3.838	.17507	.04170	.11973	.02174	-.00371	-.01145	.02736	.00098	.00111	.00040
1.549	-1.664	.17642	.04177	.11790	.02175	.07580	-.01143	-.03417	.00047	.00029	.00067
1.550	-.565	.17786	.04203	.11706	.02189	.11707	-.01151	-.06613	.00063	-.00055	.00093
1.550	.535	.17767	.04210	.11660	.02194	.15941	-.01154	-.09831	-.00003	-.00083	.00095
1.549	2.698	.17611	.04222	.11575	.02204	.24107	-.01162	-.15888	-.00030	-.00157	.00129
1.550	4.849	.17733	.04035	.11599	.02113	.30440	-.01116	-.20237	-.00098	-.00190	.00140
1.550	5.902	.17635	.04005	.11534	.02108	.33602	-.01119	-.22427	-.00015	-.00295	.00192
	GRADIENT	.00016	-.00011	-.00043	-.00005	.03595	.00002	-.02685	-.00022	-.00036	.00012

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q009) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.550	-6.236	-.17898	.04148	.12606	.02147	-.08176	-.01123	.09271	.00701	-.00166	.00244
1.549	-4.043	-.17852	.04106	.12261	.02136	-.00170	-.01122	.02910	.00517	-.00164	.00218
1.550	-1.850	-.18397	.04108	.11969	.02143	.08088	-.01128	-.03538	.00389	-.00204	.00247
1.550	.345	-.18944	.04128	.11771	.02150	.16115	-.01130	-.09682	.00340	-.00332	.00319
1.550	2.531	-.19479	.04116	.11503	.02150	.24195	-.01133	-.15730	.00341	-.00444	.00396
1.549	4.669	-.20133	.03927	.11317	.02076	.30408	-.01107	-.20087	.00285	-.00468	.00448
1.552	5.739	-.21150	.03911	.11050	.02081	.33217	-.01117	-.22089	.00378	-.00596	.00512
	GRADIENT	-.00259	-.00016	-.00108	-.00005	.03544	.00001	-.02670	-.00024	-.00039	.00028

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q010) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.600	-6.610	-.13297	.03954	.03674	.02188	.16468	-.01216	-.10351	.14507	-.09404	.04801
.600	-4.558	-.11351	.03871	.03933	.02132	.15614	-.01179	-.09732	.09998	-.06411	.03206
.600	-.445	-.08572	.03544	.03877	.01699	.13900	-.01026	-.08338	.01250	-.00666	.00095
.601	3.660	-.06699	.03699	.03865	.02017	.13670	-.01107	-.08531	-.06825	.04592	-.02739
.600	5.721	-.06483	.03897	.03696	.02145	.14150	-.01186	-.09195	-.11231	.07617	-.04300
	GRADIENT	.00366	-.00021	-.00008	-.00014	-.00237	.00009	.00146	-.02047	.01339	-.00723

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.900	-6.701	-.19322	.04331	.06269	.02339	.18697	-.01273	-.11052	.15525	-.10035	.05402
.899	-4.620	-.16769	.04129	.06367	.02227	.17556	-.01210	-.10307	.10835	-.06888	.03670
.901	-.450	-.13706	.03918	.05752	.02070	.14729	-.01104	-.08403	.01840	-.01094	.00372
.900	3.705	-.12539	.04188	.05900	.02221	.15455	-.01189	-.09172	-.06715	.04334	-.02918
.900	5.790	-.12648	.04378	.06045	.02334	.15371	-.01255	-.09632	-.11334	.07402	-.04640
	GRADIENT	.00508	.00007	-.00056	-.00001	-.00253	.00003	.00137	-.02108	.01348	-.00791

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q010) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.949	-6.720	-.24581	.04851	.07582	.02592	.17991	-.01396	-.10209	.14814	-.09133	.05504
.949	-4.640	-.22201	.04574	.07694	.02445	.16389	-.01317	-.09125	.10011	-.06016	.03719
.950	-.456	-.19456	.04275	.07254	.02283	.12473	-.01229	-.05302	.01461	-.00765	.00387
.950	3.721	-.18622	.04446	.07388	.02379	.13757	-.01283	-.06345	-.06977	.04354	-.03016
.949	5.806	-.18597	.04772	.07457	.02541	.14525	-.01364	-.08346	-.11262	.07177	-.04710
	GRADIENT	.00428	-.00015	-.00037	-.00008	-.00315	.00004	.00189	-.02020	.01240	-.00806

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.101	-6.755	-.33315	.05917	.10449	.03133	.17256	-.01673	-.08467	.14853	-.09079	.06530
1.098	-4.652	-.31020	.05642	.10333	.03010	.15359	-.01619	-.07150	.10276	-.06240	.04532
1.097	-.452	-.27917	.05516	.10004	.02941	.11057	-.01580	-.03942	.01540	-.00820	.00514
1.099	3.729	-.26182	.05469	.10225	.02903	.12466	-.01553	-.05300	-.07033	.04534	-.03452
1.101	5.833	-.26092	.05579	.10479	.02994	.13995	-.01618	-.06869	-.11478	.07360	-.05363
	GRADIENT	.00577	-.00021	-.00013	-.00013	-.00346	.00008	.00221	-.02065	.01286	-.00953

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.149	-6.766	-.31151	.05813	.10845	.03069	.18058	-.01634	-.09201	.15335	-.09502	.06566
1.152	-4.854	-.28440	.05557	.10942	.02956	.16848	-.01585	-.08398	.10627	-.06575	.04530
1.151	-.451	-.25606	.05210	.10687	.02782	.13388	-.01497	-.05848	.01515	-.00772	.00495
1.148	3.735	-.24830	.05193	.10850	.02762	.13748	-.01481	-.06451	-.07294	.04792	-.03486
1.149	5.836	-.25287	.05165	.10920	.02758	.14412	-.01484	-.07319	-.11720	.07595	-.05379
	GRADIENT	.00430	-.00043	-.00011	-.00023	-.00370	.00012	.00232	-.02136	.01355	-.00956

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.247	-6.768	-.21594	.05444	.11489	.02859	.19209	-.01515	-.10499	.15292	-.09599	.06296
1.251	-4.660	-.18137	.05319	.11510	.02796	.18333	-.01483	-.09986	.10467	-.06536	.04313
1.251	-.453	-.14579	.04995	.11255	.02652	.15846	-.01420	-.08229	.01436	-.00759	.00479
1.252	3.742	-.13387	.04932	.11494	.02620	.15839	-.01403	-.08512	-.07074	.04661	-.03250
1.249	5.845	-.14020	.04907	.11519	.02623	.15881	-.01413	-.08787	-.11505	.07499	-.05094
	GRADIENT	.00566	-.00046	-.00002	-.00021	-.00297	.00009	.00176	-.02088	.01333	-.00900

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q011) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-6.613	-.12952	.03934	.03724	.02171	.16065	-.01204	-.10053	.14229	-.09381	.04844
.600	-4.534	-.11098	.03823	.03972	.02105	.15346	-.01165	-.09509	.09542	-.06373	.03248
.600	-2.487	-.09677	.03633	.04045	.01952	.14262	-.01057	-.08650	.05126	-.03365	.01630
.600	-.433	-.08864	.03538	.03890	.01896	.13799	-.01024	-.08294	.00807	-.00610	.00134
.600	1.624	-.07932	.03575	.03793	.01930	.13495	-.01049	-.08170	-.02942	.01740	-.01188
.599	3.677	-.07755	.03693	.03840	.02016	.13795	-.01107	-.08592	-.07266	.04621	-.02699
.600	5.726	-.07371	.03877	.03688	.02130	.14130	-.01176	-.09146	-.11730	.07680	-.04269
	GRADIENT	.00411	-.00016	-.00025	-.00010	-.00188	.00006	.00113	-.02040	.01319	-.00716

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.900	-6.705	-.19303	.04349	.06229	.02342	.18134	-.01271	-.10538	.15482	-.10173	.05575
.900	-4.617	-.16804	.04146	.06329	.02227	.17152	-.01206	-.09920	.10680	-.07003	.03877
.900	-2.526	-.15279	.04006	.06093	.02143	.15900	-.01156	-.09097	.05760	-.03739	.02085
.899	-.460	-.13830	.03895	.05722	.02051	.14479	-.01091	-.08116	.01543	-.01112	.00511
.899	1.621	-.13160	.03942	.05702	.02066	.14254	-.01094	-.08071	-.02518	.01386	-.01043
.899	3.707	-.12906	.04194	.05906	.02214	.15238	-.01181	-.08958	-.06964	.04291	-.02751
.900	5.784	-.13456	.04386	.06057	.02334	.15633	-.01253	-.09412	-.11642	.07394	-.04479
	GRADIENT	.00477	.00002	-.00059	-.00005	-.00263	.00005	.00142	-.02095	.01333	-.00788

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q012) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.599	-5.737	.05152	.03763	.03750	.02082	.15335	-.01156	-.09781	.13201	-.08483	.04828
.599	-3.675	.05367	.03638	.03996	.02005	.14553	-.01111	-.09166	.08390	-.05354	.03158
.599	-1.611	.05276	.03497	.03994	.01882	.13452	-.01021	-.08271	.03607	-.02219	.01491
.600	.430	.04741	.03428	.03795	.01847	.13079	-.01002	-.07952	-.00536	.00345	.00069
.600	2.484	.04239	.03498	.03791	.01924	.12907	-.01063	-.07920	-.04589	.02898	-.01339
.599	4.536	.03838	.03603	.03684	.01994	.13924	-.01108	-.08682	-.09095	.05912	-.02931
.601	6.604	.02592	.03665	.03445	.02023	.14857	-.01122	-.09849	-.13638	.06907	-.04510
	GRADIENT	-.00201	-.00003	-.00040	.00001	-.00088	-.00002	.00045	-.02104	.01348	-.00732

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
.899	-5.817	.02141	.04317	.06317	.02329	.18063	-.01266	-.10731	.14268	-.09224	.05395
.899	-3.740	.02448	.04142	.06316	.02244	.16972	-.01225	-.10017	.08948	-.05695	.03525
.899	-1.653	.02684	.03933	.05997	.02123	.15237	-.01156	-.09782	.04014	-.02522	.01764
.900	.443	.02559	.03850	.05729	.02053	.14112	-.01105	-.07997	-.00174	.00014	.00204
.901	2.517	.02168	.03955	.05781	.02096	.14640	-.01121	-.08427	-.04434	.02626	-.01417
.901	4.590	.01339	.04212	.05967	.02266	.16106	-.01229	-.09624	-.09332	.05869	-.03254
.900	6.691	-.00021	.04399	.05952	.02382	.16947	-.01299	-.10428	-.14141	.09044	-.04990
	GRADIENT	-.00132	.00008	-.00044	.00001	-.00113	.00001	.00055	-.02161	.01357	-.00803

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.097	-5.866	.10106	.05515	.10487	.02896	.17338	-.01535	-.08739	.13328	-.08094	.06140
1.098	-3.749	.10940	.05289	.10372	.02793	.15506	-.01487	-.07448	.08598	-.05324	.04158
1.100	-1.653	.11070	.05248	.10222	.02798	.13721	-.01504	-.06110	.03959	-.02386	.02062
1.102	.439	.10938	.05400	.10114	.02869	.12061	-.01536	-.04752	-.00467	.00298	.00038
1.100	2.558	.10849	.05205	.10089	.02785	.13222	-.01501	-.05842	-.05032	.03106	-.02036
1.102	4.627	.10073	.05250	.10342	.02811	.14621	-.01516	-.07109	-.09557	.05968	-.04027
1.098	6.736	.09794	.05392	.10297	.02893	.15958	-.01564	-.08328	-.13950	.08593	-.05899
	GRADIENT	-.00093	-.00006	-.00009	.00001	-.00109	-.00003	.00045	-.02171	.01339	-.00976

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q012) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
1.248	-5.878	-.02812	.05047	.11718	.02652	.18866	-.01406	-.10495	.13926	-.08658	.05981
1.249	-3.772	-.01634	.04873	.11745	.02575	.18078	-.01373	-.10009	.09034	-.05574	.04006
1.250	-1.649	-.00951	.04811	.11492	.02542	.16810	-.01354	-.09124	.03982	-.02408	.01968
1.250	.438	-.00803	.04727	.11255	.02504	.15887	-.01338	-.08450	-.00510	.00328	.00047
1.252	2.552	-.01588	.04785	.11404	.02541	.15746	-.01360	-.08409	-.04990	.03112	-.01862
1.251	4.631	-.02151	.04691	.11517	.02508	.16793	-.01351	-.09432	-.09526	.05978	-.03720
1.250	6.748	-.03163	.04837	.11397	.02598	.17270	-.01405	-.09969	-.14354	.08988	-.05640
	GRADIENT	-.00079	-.00019	-.00026	-.00006	-.00173	.00002	.00089	-.02194	.01362	-.00918

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q013) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.939	-5.946	-5.83211	.04227	.04184	.02318	-.09054	-.01278	.07182	.16047	-.09978	.04458
-7.989	-3.937	-3.83604	.04130	.04351	.02264	-.10450	-.01248	.08135	.10700	-.06507	.02852
-7.996	-.009	.05668	.03810	.04129	.02061	-.12185	-.01124	.09554	.00685	-.00210	-.00007
-7.961	3.990	4.00040	.03984	.04081	.02198	-.11412	-.01219	.08590	-.10500	.06798	-.03110
-7.975	6.023	6.01054	.04166	.03901	.02283	-.10742	-.01259	.07825	-.16176	.10467	-.04765
	GRADIENT	.98855	-.00018	-.00034	-.00008	-.00120	.00004	.00056	-.02675	.01679	-.00752

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.969	-6.002	-5.87957	.04114	.04340	.02281	.04444	-.01270	-.02090	.15041	-.09628	.04470
-3.972	-4.026	-3.90735	.03991	.04512	.02206	.03244	-.01224	-.01173	.10253	-.06466	.02900
-3.967	-.003	.06179	.03662	.04400	.01973	.00099	-.01072	.01098	.00778	-.00416	.00098
-3.944	3.974	3.94497	.03834	.04306	.02122	-.00218	-.01180	.00882	-.09655	.06156	-.02898
-3.922	5.947	5.89429	.03949	.04130	.02182	.01011	-.01212	-.00240	-.14722	.09500	-.04475
	GRADIENT	.98160	-.00020	-.00026	-.00011	-.00433	.00006	.00258	-.02488	.01578	-.00725

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q013) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.069	-6.610	-6.50657	.03954	.03674	.02188	.16468	-.01216	-.10351	.14507	-.09404	.04801
-.049	-4.558	-4.45511	.03871	.03933	.02132	.15614	-.01179	-.09732	.09998	-.06411	.03206
-.022	-.445	-.34231	.03544	.03877	.01899	.13900	-.01026	-.08388	.01250	-.00666	.00095
-.005	3.660	3.76284	.03699	.03865	.02017	.13670	-.01107	-.08531	-.06825	.04592	-.02739
.000	5.721	5.82476	.03897	.03696	.02145	.14150	-.01186	-.09195	-.11231	.07617	-.04300
	GRADIENT	.99996	-.00021	-.00008	-.00014	-.00237	.00009	.00146	-.02047	.01339	-.00723

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.056	-5.955	-6.00436	.03729	.03128	.02069	.27608	-.01152	-.18297	.10799	-.07342	.04625
4.027	-3.979	-4.00555	.03570	.03395	.01967	.26840	-.01088	-.17678	.07131	-.04835	.03072
4.061	.000	.05323	.03497	.03320	.01907	.25911	-.01046	-.16690	.00996	-.00749	.00281
4.055	3.973	4.09178	.03491	.03347	.01943	.27054	-.01084	-.17733	-.05749	.03748	-.02601
4.042	5.952	6.07565	.03660	.03133	.02050	.27448	-.01150	-.18270	-.09606	.06447	-.04102
	GRADIENT	1.01831	-.00010	-.00006	-.00003	.00027	.00001	-.00007	-.01620	.01079	-.00713

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q014) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-8.004	-6.045	-5.92882	.04186	.03782	.02293	-.08801	-.01264	.06978	.16204	-.10110	.04557
-7.928	-3.928	-3.82541	.03995	.03915	.02156	-.09703	-.01172	.07646	.10515	-.06429	.02849
-7.990	-.020	.04684	.03763	.03756	.02038	-.12348	-.01112	.09410	.00471	-.00093	-.00008
-7.921	4.045	4.05462	.03938	.03725	.02175	-.11242	-.01208	.08215	-.10944	.07038	-.03169
-7.976	5.984	5.97162	.04115	.03562	.02258	-.10676	-.01246	.07546	-.16459	.10614	-.04766
	GRADIENT	.98829	-.00007	-.00024	.00003	-.00190	-.00005	.00069	-.02692	.01689	-.00755

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q014) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.972	-5.993	-5.86995	.04079	.04027	.02261	.04757	-.01259	-.02421	.14897	-.09519	.04440
-3.918	-3.981	-3.85970	.03959	.04173	.02168	.03639	-.01214	-.01601	.09938	-.06234	.02833
-4.016	-.009	.05544	.03607	.04027	.01946	.00078	-.01058	.00844	.00559	-.00249	.00063
-3.947	3.972	3.94285	.03780	.03932	.02090	.00254	-.01160	.00368	-.10112	.06427	-.02953
-3.941	5.964	5.91377	.03909	.03776	.02161	.01203	-.01199	-.00591	-.15206	.09810	-.04549
	GRADIENT	.98099	-.00022	-.00030	-.00012	-.00425	.00007	.00247	-.02521	.01592	-.00727

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.069	-6.610	-6.50657	.03954	.03674	.02188	.16468	-.01216	-.10351	.14507	-.09404	.04801
-.049	-4.558	-4.45511	.03871	.03933	.02132	.15614	-.01179	-.09732	.09998	-.06411	.03206
-.022	-.445	-.34231	.03544	.03877	.01699	.13900	-.01026	-.08388	.01250	-.00666	.00095
-.005	3.660	3.76284	.03699	.03855	.02017	.13670	-.01107	-.08531	-.05825	.04592	-.02739
.000	5.721	5.82476	.03897	.03696	.02145	.14150	-.01186	-.09195	-.11231	.07617	-.04300
	GRADIENT	.99996	-.00021	-.00008	-.00014	-.00237	.00009	.00146	-.02047	.01339	-.00723

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.066	-5.937	-5.98695	.03688	.02798	.02048	.28188	-.01141	-.18792	.10400	-.07035	.04515
4.052	-4.000	-4.03255	.03557	.03035	.01961	.27248	-.01086	-.18117	.06822	-.04605	.03036
4.039	-.012	.05428	.03462	.03044	.01887	.26029	-.01035	-.16959	.00651	-.00501	.00220
4.052	3.984	4.10308	.03457	.03038	.01920	.27302	-.01069	-.18088	-.05971	.03936	-.02658
4.069	5.990	6.11454	.03641	.02821	.02036	.27874	-.01141	-.18739	-.09954	.06726	-.04210
	GRADIENT	1.01903	-.00013	.00000	-.00005	.00007	.00002	.00004	-.01603	.01070	-.00713

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q015) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.979	-5.948	-5.84771	.04767	.06866	.02550	-.09827	-.01375	.08803	.17427	-.10711	.04972
-7.962	-3.922	-3.82471	.04575	.06939	.02469	-.11299	-.01343	.09823	.11433	-.06857	.03121
-7.979	-.002	.07661	.04289	.06543	.02267	-.14919	-.01210	.12336	.00901	-.00434	.00081
-7.973	3.978	4.01929	.04665	.06624	.02475	-.13237	-.01324	.10698	-.11357	.07116	-.03441
-7.954	6.002	6.02391	.04824	.06556	.02539	-.12273	-.01348	.09863	-.17660	.11137	-.05335
	GRADIENT	.99282	.00012	-.00040	.00001	-.00244	.00002	.00109	-.02885	.01769	-.00831

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.998	-6.036	-5.94099	.04475	.06566	.02415	.04762	-.01313	-.01493	.15882	-.09963	.04849
-3.967	-4.023	-3.92381	.04285	.06644	.02329	.03234	-.01274	-.00509	.10689	-.06581	.03129
-3.984	-.005	.07341	.04005	.06208	.02133	-.01143	-.01146	.02469	.01036	-.00628	.00142
-3.958	3.991	3.99919	.04398	.06319	.02382	.00852	-.01299	.00647	-.10032	.06192	-.03227
-3.926	5.948	5.93688	.04576	.06311	.02484	.01957	-.01358	-.00272	-.15425	.09684	-.04994
	GRADIENT	.98861	.00014	-.00041	.00007	-.00298	-.00003	.00145	-.02585	.01594	-.00793

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.116	-6.701	-6.63822	.04331	.06269	.02339	.16697	-.01273	-.11052	.15525	-.10035	.05402
-.090	-4.620	-4.55688	.04129	.06367	.02227	.17556	-.01210	-.10307	.10835	-.06888	.03670
-.058	+.450	-.38683	.03918	.05752	.02070	.14729	-.01104	-.06403	.01840	-.01094	.00372
-.047	3.705	3.76760	.04188	.05900	.02221	.15455	-.01189	-.09172	-.06715	.04334	-.02918
-.048	5.790	5.85299	.04378	.06045	.02334	.15871	-.01255	-.09632	-.11334	.07402	-.04640
	GRADIENT	1.00000	.00007	-.00056	-.00001	-.00253	.00003	.00137	-.02108	.01348	-.00791

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.068	-5.958	-5.96710	.04190	.05868	.02254	.33037	-.01222	-.21650	.11049	-.07304	.04612
4.033	-3.972	-3.96143	.04001	.05857	.02131	.32034	-.01144	-.21017	.07505	-.04916	.03193
4.036	-.006	.07200	.03917	.05524	.02117	.29004	-.01152	-.18721	.00725	-.00594	.00277
4.038	3.970	4.06909	.04138	.05649	.02208	.30721	-.01189	-.20173	-.06361	.03946	-.02743
4.025	5.934	6.02992	.04449	.05731	.02386	.30752	-.01290	-.20332	-.10342	.06526	-.04264
	GRADIENT	1.01112	.00017	-.00026	.00010	-.00165	-.00006	.00106	-.01746	.01116	-.00747

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q016) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-8.011	-6.031	-5.89118	.05223	.08258	.02772	-.12133	-.01483	.11364	.17847	-.10892	.05387
-7.974	-4.016	-3.87087	.04930	.08377	.02636	-.13866	-.01421	.12606	.11570	-.06801	.03449
-7.986	-.018	.11092	.04556	.08024	.02432	-.16927	-.01308	.14610	.00818	-.00338	.00167
-7.952	3.990	4.07463	.04964	.08048	.02620	-.15490	-.01395	.13184	-.11679	.07380	-.03581
-7.942	5.994	6.05582	.05222	.07958	.02741	-.14282	-.01452	.12043	-.17959	.11457	-.05516
	GRADIENT	.99246	.00004	-.00041	-.00002	-.00203	.00003	.00072	-.02904	.01772	-.00878

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.969	-5.996	-5.87368	.05003	.07985	.02674	.03124	-.01440	.00376	.15723	-.09672	.05079
-4.014	-4.084	-3.94930	.04684	.07996	.02514	.01163	-.01359	.01660	.10542	-.06254	.03301
-4.023	-.001	.12758	.04301	.07621	.02305	-.03362	-.01244	.04734	.00758	-.00387	.00178
-3.946	3.980	4.02272	.04684	.07747	.02525	-.01311	-.01371	.02910	-.10271	.06333	-.03291
-3.940	5.974	5.98910	.04983	.07721	.02652	-.00040	-.01423	.01804	-.15718	.09851	-.05112
	GRADIENT	.98871	-.00000	-.00031	.00001	-.00310	-.00001	.00157	-.02580	.01561	-.00817

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.117	-6.720	-6.65673	.04851	.07582	.02592	.17991	-.01396	-.10209	.14814	-.09133	.05504
-.093	-4.640	-4.57641	.04574	.07694	.02445	.16389	-.01317	-.09125	.10011	-.06016	.03719
-.065	-.456	-.39242	.04275	.07254	.02283	.12473	-.01229	-.06302	.01461	-.00765	.00387
-.057	3.721	3.78439	.04446	.07388	.02379	.13757	-.01283	-.07545	-.06877	.04354	-.03016
-.057	5.806	5.86894	.04772	.07457	.02541	.14525	-.01364	-.08346	-.11262	.07177	-.04710
	GRADIENT	1.00000	-.00015	-.00037	-.00008	-.00315	.00004	.00189	-.02020	.01240	-.00806

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.048	-5.935	-5.91607	.04469	.07068	.02363	.32647	-.01260	-.21009	.10144	-.06387	.04625
4.006	-3.945	-3.89700	.04254	.07041	.02245	.31122	-.01195	-.20036	.06381	-.03854	.03033
4.066	-.007	.12342	.04301	.06637	.02320	.28147	-.01260	-.17681	.00464	-.00351	.00223
4.032	3.976	4.11182	.04374	.06880	.02349	.29829	-.01270	-.19169	-.05908	.03511	-.02684
4.023	5.925	6.04951	.04723	.07033	.02550	.29805	-.01386	-.19213	-.09702	.05952	-.04221
	GRADIENT	1.01111	.00015	-.00020	.00013	-.00162	-.00009	.00109	-.01552	.00930	-.00722

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X40017) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-8.000	-6.068	-5.88473	.06351	.10754	.03319	-.15344	-.01751	.15322	.17892	-.10776	.06047
-7.955	-4.008	-3.81556	.06120	.10842	.03231	-.16678	-.01721	.16170	.11643	-.06817	.03868
-7.956	.004	.18887	.05662	.10548	.02999	-.20081	-.01601	.18540	.00390	.00138	.00051
-7.963	3.962	4.09550	.05757	.10571	.03033	-.18934	-.01612	.17419	-.11647	.07483	-.03916
-7.955	6.015	6.11895	.05891	.10469	.03093	-.17190	-.01639	.15917	-.17836	.11289	-.05998
	GRADIENT	.99253	-.00046	-.00034	-.00025	-.00284	.00014	.00158	-.02922	.01794	-.00976

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.995	-6.022	-5.87097	.06192	.10537	.03271	.02062	-.01743	.02437	.15337	-.09305	.05929
-3.976	-4.043	-3.87136	.05975	.10478	.03183	.00058	-.01709	.03877	.10237	-.06040	.03906
-3.971	-.005	.17816	.05463	.10051	.02922	-.04352	-.01575	.06972	.00435	-.00029	.00169
-3.953	3.969	4.04818	.05418	.10267	.02892	-.02219	-.01556	.05081	-.10223	.06405	-.03763
-3.933	5.983	6.02507	.05567	.10368	.02980	-.00301	-.01608	.03424	-.15500	.09684	-.05754
	GRADIENT	.98846	-.00070	-.00027	-.00036	-.00286	.00019	.00152	-.02553	.01553	-.00957

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.150	-6.755	-6.69052	.05917	.10449	.03133	.17256	-.01673	-.08467	.14853	-.09079	.06530
-.126	-4.652	-4.58740	.05642	.10333	.03010	.15359	-.01619	-.07150	.10276	-.06240	.04532
-.095	-.452	-.38707	.05516	.10004	.02941	.11057	-.01580	-.03842	.01540	-.00820	.00514
-.078	3.729	3.79354	.05469	.10225	.02903	.12466	-.01553	-.05300	-.07033	.04534	-.03452
-.077	5.833	5.89748	.05579	.10479	.02994	.13995	-.01618	-.06869	-.11478	.07360	-.05363
	GRADIENT	.99999	-.00021	-.00013	-.00013	-.00346	.00008	.00221	-.02065	.01286	-.00953

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.039	-5.962	-5.91383	.05387	.10026	.02840	.32772	-.01510	-.20207	.10526	-.06561	.05356
4.052	-3.995	-3.91092	.05354	.10017	.02840	.30914	-.01519	-.18906	.06867	-.04234	.03656
4.048	-.004	.17939	.05436	.09874	.02919	.28049	-.01579	-.16615	.00296	-.00210	.00164
4.050	3.983	4.15912	.05522	.09882	.02936	.28525	-.01574	-.17100	-.06321	.03851	-.03243
4.034	5.935	6.09093	.05679	.09931	.03021	.29716	-.01620	-.18241	-.10051	.06202	-.04984
	GRADIENT	1.01149	.00021	-.00017	.00012	-.00300	-.00007	.00226	-.01653	.01013	-.00865

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q018) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.967	-5.953	-5.78747	.06057	.11186	.03156	-.14592	-.01661	.14834	.17437	-.10536	.05924
-7.968	-4.000	-3.82763	.05741	.11211	.03015	-.16190	-.01598	.15887	.11565	-.06807	.03829
-7.996	.002	.16426	.05359	.10947	.02640	-.19482	-.01517	.18188	.00405	.00117	.00025
-7.976	3.986	4.09768	.05484	.11096	.02893	-.17914	-.01539	.16824	-.11473	.07404	-.03957
-7.937	5.987	6.07308	.05635	.11070	.02952	-.16104	-.01571	.15169	-.17667	.11244	-.06112
	GRADIENT	.99243	-.00032	-.00014	-.00015	-.00216	.00007	.00118	-.02885	.01779	-.00975

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-3.974	-5.897	-5.85819	.05764	.11014	.03043	.02612	-.01620	.01975	.15424	-.09457	.05982
-4.012	-4.080	-3.92475	.05571	.10929	.02956	.00753	-.01582	.03278	.10558	-.06341	.04027
-3.984	.086	.24505	.05251	.10528	.02805	-.03075	-.01510	.05954	.00228	.00088	-.00016
-3.974	4.003	4.06705	.05178	.10854	.02765	-.01009	-.01488	.04139	-.10220	.06478	-.03930
-3.991	6.054	6.08593	.05324	.10960	.02666	.00373	-.01554	.02824	-.15498	.09739	-.05912
	GRADIENT	.98884	-.00049	-.00010	-.00024	-.00225	.00012	.00112	-.02570	.01585	-.00984

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.149	-6.766	-6.70284	.05013	.10845	.03069	.18058	-.01634	-.09201	.15335	-.09502	.06566
-.124	-4.654	-4.59070	.05557	.10942	.02958	.16848	-.01585	-.08398	.10627	-.06575	.04530
-.095	-.451	-.38828	.05210	.10687	.02782	.13388	-.01497	-.05846	.01515	-.00772	.00495
-.086	3.735	3.79815	.05193	.10850	.02762	.13748	-.01481	-.06451	-.07294	.04792	-.03486
-.091	5.836	5.89889	.05165	.10920	.02758	.14412	-.01484	-.07319	-.11720	.07595	-.05379
	GRADIENT	1.00001	-.00043	-.00011	-.00023	-.00370	.00012	.00232	-.02136	.01355	-.00956

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.073	-5.944	-5.90641	.05184	.10665	.02742	.33521	-.01463	-.20871	.10763	-.06779	.05338
4.034	-3.975	-3.90481	.05081	.10691	.02695	.31815	-.01442	-.19689	.07235	-.04562	.03701
4.049	-.008	.15395	.05207	.10557	.02798	.28909	-.01513	-.17366	.00259	-.00208	.00134
4.051	3.986	4.14504	.05094	.10617	.02732	.30281	-.01476	-.18706	-.06569	.04096	-.03285
4.020	5.914	6.05544	.05228	.10592	.02799	.30656	-.01509	-.19193	-.10301	.06429	-.04940
	GRADIENT	1.01109	.00002	-.00009	.00005	-.00192	-.00004	.00123	-.01734	.01087	-.00877

IA183,ALPHA-BETA UNCORR FLOW ANG (OTS-TS) (X4Q019) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-7.925	-6.007	-5.91670	.05606	.11748	.02913	-.12244	-.01528	.12935	.17815	-.10872	.06222
-7.972	-3.997	-3.90786	.05365	.11739	.02796	-.14020	-.01471	.14132	.11874	-.07038	.04093
-7.971	-.007	.06332	.05126	.11456	.02704	-.16753	-.01439	.16084	.00885	-.00064	.00236
-7.981	3.990	4.02934	.05117	.11612	.02694	-.15911	-.01432	.15083	-.11208	.07504	-.03882
-7.962	5.995	6.01673	.05305	.11571	.02781	-.14903	-.01471	.14083	-.17452	.11449	-.06022
	GRADIENT	.99369	-.00031	-.00016	-.00013	-.00237	.00005	.00119	-.02890	.01821	-.00998

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-4.008	-6.054	-5.97150	.05495	.11494	.02871	.03944	-.01514	.00705	.15627	-.09627	.05934
-3.965	-4.030	-3.94124	.05229	.11482	.02745	.02936	-.01454	.01348	.10373	-.06220	.03899
-4.009	-.009	.06141	.05003	.11299	.02651	-.00417	-.01416	.03603	.00698	-.00076	.00225
-3.948	4.001	4.00880	.04893	.11436	.02609	.00437	-.01403	.02640	-.10010	.06496	-.03572
-3.937	5.953	5.94365	.05035	.11419	.02699	.01153	-.01458	.01863	-.15179	.09780	-.05493
	GRADIENT	.98992	-.00042	-.00006	-.00017	-.00311	.00006	.00161	-.02538	.01583	-.00930

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
-.142	-6.768	-6.71389	.05444	.11489	.02859	.19209	-.01515	-.10499	.15292	-.09599	.06296
-.112	-4.660	-4.60574	.05319	.11510	.02796	.18333	-.01483	-.09986	.10467	-.06536	.04313
-.076	-.453	-.39907	.04995	.11255	.02652	.15846	-.01420	-.08229	.01436	-.00759	.00479
-.065	3.742	3.79562	.04932	.11494	.02620	.15839	-.01403	-.08512	-.07074	.04661	-.03250
-.069	5.845	5.89941	.04907	.11519	.02623	.15881	-.01413	-.08787	-.11505	.07499	-.05094
	GRADIENT	.99999	-.00046	-.00002	-.00021	-.00297	.00009	.00176	-.02088	.01333	-.00900

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETAOC	CABO	CAFO	CNBO	CNFO	CLMBO	CLMFO	CYFO	CYNFO	CBLFO
4.079	-5.988	-5.99209	.04978	.11591	.02655	.34009	-.01427	-.21768	.11301	-.07141	.05433
4.060	-4.005	-3.99308	.04999	.11625	.02682	.32479	-.01449	-.20780	.07614	-.04778	.03775
4.063	-.011	.06217	.04853	.11318	.02581	.30153	-.01384	-.18826	.00396	-.00181	.00307
4.041	3.977	4.06659	.04839	.11328	.02605	.30438	-.01412	-.19201	-.06607	.04268	-.03123
4.021	5.940	6.02527	.04933	.11262	.02643	.30862	-.01427	-.19667	-.10265	.06517	-.04754
	GRADIENT	1.00978	-.00020	-.00037	-.00010	-.00256	.00005	.00198	-.01782	.01133	-.00864

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW01) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-7.994	.00268	-.02699	-.00292	-.00805	.02479	.00939	10.19250	5.11778	.10352	.06721
.600	-6.014	.00137	.00029	.00100	-.00220	.02387	.00847	10.18720	5.10798	.10336	.06587
.601	-3.997	.00121	.02701	.00493	.00381	.02356	.00815	10.18590	5.10492	.10301	.06268
.599	-1.999	.00065	.05478	.00895	.01007	.02348	.00713	10.18490	5.09355	.10355	.06752
.600	-.034	-.00037	.07875	.01289	.01585	.02366	.00627	10.18630	5.08460	.10324	.06474
.600	2.012	-.00082	.10652	.01721	.02234	.02428	.00420	10.19010	5.06247	.10318	.06414
.599	3.983	-.00101	.13288	.02176	.02856	.02411	.00077	10.16050	5.02565	.10350	.06708
.600	5.989	.00052	.15853	.02638	.03474	.02215	-.00274	10.17740	4.98811	.10323	.06461
.600	8.024	.00243	.18397	.03103	.04017	.01918	-.00699	10.16000	4.94278	.10321	.06445
	GRADIENT	-.00030	.01319	.00210	.00312	.00010	-.00089	.00053	-.00950	.00003	.00027

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.900	-8.010	-.00673	-.02791	-.00416	-.00586	.00889	.00193	10.11830	5.04518	.06310	.07760
.898	-5.959	-.00452	.00195	.00028	-.00005	.01555	.00524	10.17060	5.09310	.06310	.07621
.901	-4.040	-.00401	.02896	.00451	.00581	.01804	.00908	10.19040	5.14906	.06309	.07898
.900	-2.041	-.00559	.05790	.00895	.01241	.02071	.01059	10.21170	5.17105	.06310	.07801
.898	.017	-.00495	.08921	.01416	.01904	.02225	.00941	10.22370	5.15357	.06310	.07594
.899	2.020	-.00365	.11958	.01965	.02503	.02349	.00756	10.23380	5.12689	.06310	.07652
.900	4.011	-.00273	.14569	.02354	.02978	.02249	.00082	10.22580	5.02921	.06310	.07785
.900	5.972	.00146	.16675	.02708	.03350	.01933	-.00805	10.20050	4.90187	.06309	.07836
.900	7.996	.00239	.19530	.03059	.03795	.00031	-.01786	10.05130	4.76274	.06309	.07851
	GRADIENT	.00022	.01464	.00242	.00300	.00058	-.00097	.00462	-.01405	.00000	-.00019

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.949	-8.025	-.00466	-.03381	-.00491	-.00560	-.01379	.01068	9.93925	5.17779	.06335	.12887
.951	-6.030	-.00370	-.00689	-.00048	-.00025	-.01118	.01237	9.96012	5.20308	.06337	.13001
.953	-3.953	-.00360	.02198	.00410	.00599	-.00695	.01385	9.99352	5.22615	.06340	.13213
.950	-2.004	-.00421	.05331	.00886	.01213	-.00321	.01296	10.02350	5.21231	.06336	.12945
.952	.011	-.00334	.08319	.01409	.01807	-.00355	.01120	10.02070	5.18604	.06338	.13107
.950	2.009	-.00308	.11534	.01965	.02382	-.00277	.00776	10.02700	5.13397	.06336	.12927
.948	4.025	-.00244	.14391	.02401	.02835	.00067	-.00253	10.05440	4.97970	.06334	.12775
.949	5.996	-.00031	.16527	.02792	.03081	-.00327	-.01289	10.02290	4.82645	.06335	.12656
.949	7.970	.00208	.18992	.03173	.03438	-.00946	-.02777	9.97367	4.61290	.06334	.12816
	GRADIENT	.00017	.01532	.00253	.00282	.00078	-.00190	.00627	-.02866	-.00001	-.00045

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW01) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.100	-8.000	.00492	-.03488	-.00570	-.00216	.03718	.01521	10.38130	5.26579	.06450	.18370
1.099	-6.032	.00362	-.00352	-.00072	.00316	.03050	.01601	10.31950	5.27808	.06452	.18393
1.102	-3.958	.00084	.03039	.00454	.00962	.02791	.01819	10.29680	5.31418	.06448	.18318
1.099	-1.977	.00067	.06250	.01020	.01536	.02379	.02024	10.25920	5.34715	.06452	.18399
1.099	-.017	-.00108	.09635	.01654	.02017	.02149	.01108	10.23920	5.19719	.06452	.18401
1.099	1.983	-.00140	.12692	.02189	.02467	.01389	.00098	10.17110	5.03339	.06452	.18397
1.100	4.002	-.00295	.15582	.02643	.02846	.00353	-.00767	10.07990	4.89388	.06451	.18384
1.101	6.019	-.00395	.17808	.02982	.03207	-.00476	-.01794	10.00780	4.73125	.06450	.18359
1.102	7.976	-.00564	.19757	.03260	.03552	-.01061	-.02855	9.95742	4.56769	.06448	.18318
	GRADIENT	-.00048	.01586	.00279	.00236	-.00295	-.00357	-.02629	-.05812	.00000	.00006

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-9.325	-.00285	-.03599	-.00735	-.00290	.05013	.01470	10.52580	5.27031	.05385	.06958
1.251	-7.116	-.00446	-.00034	-.00115	.00103	.04565	.01439	10.48230	5.26525	.05382	.06937
1.251	-4.846	-.00675	.03647	.00568	.00525	.03925	.00619	10.42010	5.12379	.05386	.06964
1.249	-2.662	-.00752	.07200	.01223	.00979	.03408	-.00124	10.37010	4.99614	.05414	.07181
1.249	-.520	-.00873	.10592	.01822	.01433	.03149	-.01011	10.34520	4.84573	.05423	.07246
1.249	1.618	-.00993	.13685	.02324	.01925	.02765	-.02024	10.30850	4.67750	.05420	.07225
1.251	3.789	-.01400	.16514	.02734	.02374	.02100	-.02941	10.24520	4.52959	.05383	.06938
1.252	5.875	-.01521	.18506	.03019	.02799	.01145	-.03595	10.15530	4.42762	.05368	.06837
1.250	8.070	-.01320	.20878	.03386	.03222	-.00077	-.04136	10.04180	4.34650	.05405	.07111
	GRADIENT	-.00079	.01495	.00252	.00216	-.00199	-.00419	-.01910	-.06992	-.00000	-.00000

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW02) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.601	-8.791	.02272	-.02628	-.00513	-.00836	.02589	.00821	10.19950	5.10550	.10304	.06293
.600	-4.601	-.00328	.02520	.00327	.00327	.02388	.00701	10.18770	5.09258	.10309	.06343
.600	-2.586	-.00144	.05135	.00732	.00947	.02376	.00671	10.18660	5.08907	.10339	.06610
.600	-.408	.00085	.07904	.01179	.01617	.02391	.00586	10.18750	5.08004	.10333	.06554
.600	1.636	.00193	.10352	.01614	.02249	.02436	.00423	10.19010	5.06265	.10335	.06570
.600	3.686	.00264	.12961	.02076	.02895	.02427	.00104	10.18990	5.02855	.10317	.06412
.599	7.886	-.01751	.18193	.03061	.04133	.01890	-.00669	10.15810	4.94615	.10345	.06663
	GRADIENT	.00073	.01255	.00211	.00310	.00007	-.00069	.00038	-.00742	.00001	.00005

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.099	-7.963	.00482	-.03464	-.00559	-.00208	.03728	.01505	10.38110	5.26238	.06452	.18402
1.101	-5.991	.00288	-.00283	-.00067	.00319	.03053	.01567	10.32090	5.27342	.06449	.18337
1.099	-3.959	.00205	.02909	.00445	.00950	.02751	.01728	10.29300	5.29909	.06452	.18391
1.102	-2.023	-.00098	.06396	.01017	.01525	.02383	.02044	10.26020	5.35131	.06448	.18320
1.101	-.006	-.00217	.09587	.01664	.01990	.02133	.01052	10.23800	5.18922	.06449	.18340
1.099	1.995	-.00185	.12790	.02188	.02483	.01343	.00108	10.16680	5.03490	.06453	.18414
1.099	4.002	-.00211	.15473	.02646	.02839	.00345	-.00743	10.07920	4.89786	.06453	.18413
1.099	5.965	-.00236	.17726	.02974	.03212	-.00375	-.01693	10.01650	4.74696	.06452	.18407
1.099	8.023	-.00348	.19804	.03264	.03581	-.00998	-.02795	9.96285	4.57706	.06452	.18397
	GRADIENT	-.00046	.01580	.00279	.00237	-.00294	-.00346	-.02615	-.05624	.00000	.00007

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-9.288	-.00513	-.03849	-.00719	-.00326	.05011	.01533	10.52610	5.28140	.05381	.06931
1.250	-7.046	-.00569	.00037	-.00080	.00093	.04559	.01421	10.48190	5.20229	.05396	.07042
1.248	-4.868	-.00693	.03608	.00564	.00523	.03941	.00593	10.42170	5.11922	.05436	.07343
1.249	-2.715	-.00769	.07081	.01205	.00975	.03466	-.00053	10.37590	5.00835	.05417	.07201
1.251	-.515	-.00970	.10499	.01835	.01424	.03132	-.01031	10.34400	4.84208	.05389	.06990
1.252	1.652	-.01002	.13741	.02345	.01921	.02695	-.02086	10.30220	4.66692	.05380	.06923
1.251	3.732	-.01335	.16283	.02731	.02356	.02105	-.02972	10.24580	4.52446	.05395	.07031
1.250	5.901	-.01519	.18513	.03031	.02818	.01116	-.03612	10.15250	4.42539	.05410	.07147
1.249	8.070	-.01317	.20879	.03386	.03235	-.00089	-.04150	10.04070	4.34435	.05419	.07217
	GRADIENT	-.00070	.01485	.00254	.00214	-.00206	-.00425	-.01971	-.07098	-.00006	-.00042

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-8.019	-.00323	-.02108	-.00345	-.00079	.04830	.01409	10.50320	5.26058	.05394	.07030
1.251	-6.023	-.00330	.01422	.00236	.00297	.04320	.00755	10.45690	5.14733	.05384	.06950
1.250	-3.962	-.00515	.04944	.00851	.00723	.03744	.00131	10.40320	5.03989	.05397	.07051
1.249	-1.993	-.00579	.08284	.01419	.01158	.03344	-.00520	10.33470	4.92852	.05415	.07188
1.253	-.032	-.00839	.11526	.01959	.01571	.03045	-.01493	10.33600	4.76445	.05362	.06792
1.249	1.999	-.00956	.14365	.02412	.02040	.02657	-.02373	10.23810	4.62075	.05415	.07187
1.253	3.974	-.01291	.16625	.02744	.02419	.02113	-.03162	10.24670	4.49413	.05365	.06808
1.249	5.982	-.01438	.18703	.03052	.02870	.01237	-.03325	10.16390	4.39205	.05422	.07237
1.248	7.987	-.01330	.20846	.03372	.03257	.00043	-.04482	10.05290	4.29634	.05438	.07364
	GRADIENT	-.00097	.01482	.00241	.00215	-.00199	-.00425	-.01911	-.07045	-.00003	-.00024

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.102	-7.970	.00468	-.02790	-.00577	-.00134	.03734	.01490	10.38270	5.26058	.06448	.18332
1.098	-6.018	.00426	-.00060	-.00077	.00374	.03007	.01600	10.31610	5.27823	.06454	.18434
1.100	-4.019	.00129	.02988	.00431	.00983	.02729	.01737	10.28120	5.30105	.06451	.18379
1.098	-2.013	.00042	.06202	.00997	.01558	.02343	.02023	10.25610	5.34710	.06454	.18434
1.099	-.034	-.00011	.09457	.01634	.02024	.02107	.01180	10.23500	5.20960	.06452	.18405
1.102	2.012	-.00369	.12493	.02200	.02434	.01342	.00058	10.16700	5.02682	.06449	.18335
1.102	3.981	-.00392	.15208	.02641	.02803	.00363	-.00853	10.08080	4.88006	.06448	.18337
1.100	6.032	-.00469	.17530	.02982	.03197	-.00479	-.01811	10.00750	4.72832	.06451	.18381
1.101	7.976	-.00391	.19779	.03260	.03570	-.00958	-.02848	9.96617	4.56853	.06450	.18356
	GRADIENT	-.00073	.01535	.00281	.00226	-.00286	-.00357	-.02547	-.05806	-.00001	-.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.249	-9.288	-.00428	-.03239	-.00735	-.00239	.05005	.01516	10.52510	5.27834	.05416	.07193
1.250	-7.072	-.00538	.00195	-.00094	.00134	.04528	.01428	10.47880	5.26339	.05408	.07133
1.251	-4.857	-.00778	.03509	.00568	.00538	.03916	.00655	10.41960	5.13005	.05384	.06950
1.249	-2.729	-.00816	.06694	.01203	.00950	.03461	.00034	10.37520	5.02319	.05423	.07251
1.249	-.487	-.01044	.10340	.01825	.01413	.03122	-.01035	10.34280	4.84157	.05420	.07227
1.251	1.604	-.01165	.13462	.02313	.01887	.02717	-.02087	10.30410	4.66697	.05393	.07016
1.252	3.777	-.01343	.16081	.02722	.02341	.02084	-.02980	10.24390	4.52327	.05375	.06888
1.251	5.863	-.01478	.18198	.03015	.02790	.01132	-.03610	10.15390	4.42557	.05394	.07024
1.250	8.072	-.01317	.20603	.03385	.03212	-.00089	-.04146	10.04070	4.34512	.05406	.07118
	GRADIENT	-.00069	.01478	.00251	.00210	-.00204	-.00435	-.01955	-.07268	-.00002	-.00017

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.098	-7.969	.00449	-.02918	-.00579	-.00132	.03743	.01491	10.38140	5.25927	.06454	.18422
1.100	-6.020	.00348	-.00040	-.00080	.00368	.03037	.01566	10.31940	5.27322	.06450	.18372
1.102	-4.010	.00091	.02959	.00429	.00985	.02750	.01752	10.29350	5.30375	.06448	.18327
1.099	-2.007	.00017	.06214	.00995	.01563	.02348	.01999	10.25350	5.34314	.06453	.18411
1.102	-.032	-.00227	.09523	.01647	.02006	.02106	.01080	10.23520	5.19343	.06448	.18332
1.101	2.013	-.00313	.12408	.02193	.02436	.01357	.00080	10.16830	5.03037	.06450	.18364
1.100	3.970	-.00275	.15019	.02636	.02798	.00394	-.00780	10.08350	4.89197	.06451	.18370
1.102	5.984	-.00390	.17361	.02975	.03173	-.00455	-.01834	10.00950	4.72468	.06448	.18335
1.099	8.026	-.00267	.19850	.03262	.03590	-.00058	-.02848	9.97481	4.56890	.06452	.18399
	GRADIENT	-.00053	.01517	.00281	.00225	-.00285	-.00349	-.02543	-.05687	.00000	.00002

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.249	-9.260	-.00459	-.03092	-.00735	-.00220	.04987	.01466	10.52330	5.28961	.05416	.07190
1.249	-7.075	-.00486	.00219	-.00097	.00138	.04531	.01394	10.47890	5.25742	.05419	.07219
1.252	-4.862	-.00801	.03575	.00575	.00541	.03911	.00548	10.41930	5.11161	.05367	.06830
1.252	-2.733	-.00847	.06771	.01212	.00955	.03394	-.00148	10.35920	4.99206	.05381	.06927
1.249	-.523	-.00946	.10265	.01809	.01407	.03152	-.01083	10.34550	4.83348	.05412	.07169
1.249	1.659	-.01054	.13563	.02318	.01915	.02733	-.02131	10.30550	4.65996	.05424	.07256
1.250	3.748	-.01348	.16145	.02717	.02344	.02077	-.03054	10.24310	4.51175	.05405	.07114
1.251	5.866	-.01522	.18280	.03019	.02799	.01111	-.03670	10.15210	4.41617	.05389	.06993
1.251	8.072	-.01390	.20745	.03398	.03215	-.00099	-.04172	10.03980	4.34073	.05393	.07019
	GRADIENT	-.00060	.01478	.00250	.00211	-.00200	-.00425	-.01923	-.07088	.00006	.00042

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-7.969	.00721	-.02392	-.00358	-.00810	.02110	.00900	10.11200	5.07872	.10347	.06679
.600	-5.868	.00543	-.00278	.00080	-.00293	.02034	.00796	10.10760	5.06770	.10331	.06532
.600	-3.760	.00257	.02168	.00489	.00303	.02018	.00797	10.10660	5.06781	.10332	.06540
.600	-1.659	-.00177	.04479	.00927	.00899	.02031	.00774	10.10750	5.06535	.10325	.06482
.601	.383	-.00640	.06894	.01357	.01489	.02065	.00749	10.10990	5.06304	.10286	.06129
.600	2.488	-.01190	.09348	.01801	.02107	.02057	.00546	10.10870	5.04078	.10335	.06571
.599	4.564	-.01749	.12252	.02273	.02781	.02066	.00206	10.10900	5.00454	.10349	.06695
.601	6.664	-.02160	.15223	.02784	.03431	.01780	-.00216	10.09310	4.95964	.10295	.06211
.600	8.764	-.02742	.17981	.03262	.03964	.01599	-.00628	10.08260	4.91610	.10336	.06587
	GRADIENT	-.00242	.01204	.00214	.00296	.00006	-.00068	.00029	-.00727	.00002	.00019

IA163,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.899	-8.197	.00060	-.03188	-.00495	-.00710	.00066	.00173	9.99628	5.00764	.06310	.07735
.899	-6.009	-.00396	-.00216	.00013	-.00119	.00779	.00223	10.05110	5.01481	.06310	.07711
.900	-3.868	-.00657	.02396	.00504	.00467	.01157	.00555	10.08040	5.06272	.06310	.07746
.901	-1.755	-.01059	.05110	.00989	.01130	.01500	.01076	10.10730	5.13847	.06309	.07874
.901	.393	-.01441	.08197	.01485	.01802	.01724	.01091	10.12490	5.14068	.06309	.07917
.901	2.521	-.02049	.11763	.02056	.02475	.01813	.00763	10.13210	5.09314	.06309	.07952
.901	4.636	-.02429	.14524	.02484	.02907	.01573	.00049	10.11320	4.99970	.06309	.07874
.901	6.756	-.02717	.16984	.02843	.03273	.00972	-.00964	10.06630	4.84464	.06309	.07903
.902	8.913	-.03562	.19952	.03239	.03716	-.00662	-.01902	9.94074	4.71305	.06309	.07974
	GRADIENT	-.00213	.01452	.00236	.00291	.00054	-.00062	.00425	-.00898	-.00000	.00016

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.097	-8.360	-.00441	-.03675	-.00656	-.00154	.03154	.01644	10.26880	5.25024	.06455	.18446
1.098	-6.165	-.00451	-.00836	-.00119	.00387	.02604	.01656	10.21920	5.25200	.06453	.18413
1.098	-3.985	-.00732	.02278	.00428	.00985	.02224	.01806	10.18490	5.27577	.06454	.18428
1.101	-1.795	-.00733	.05785	.01040	.01598	.02021	.02096	10.16740	5.32390	.06449	.18343
1.101	.357	-.01041	.09302	.01720	.02070	.01663	.01143	10.13580	5.16837	.06449	.18353
1.103	2.523	-.01373	.12521	.02305	.02504	.00824	-.00032	10.06250	4.97734	.06447	.18303
1.101	4.652	-.01782	.15332	.02787	.02855	-.00188	-.00961	9.97487	4.82840	.06449	.18343
1.102	6.786	-.01945	.17353	.03093	.03214	-.00954	-.01991	9.90937	4.66606	.06448	.18332
1.101	8.937	-.02404	.19610	.03374	.03578	-.01659	-.03069	9.85034	4.50377	.06450	.18362
	GRADIENT	-.00127	.01521	.00277	.00215	-.00279	-.00354	-.02428	-.05741	-.00001	-.00010

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.251	-8.449	.00647	-.03134	-.00518	-.00131	.04962	.01653	10.45960	5.26741	.05381	.06931
1.251	-6.210	.00326	.00407	.00091	.00235	.04530	.01081	10.41730	5.16848	.05383	.06944
1.251	-3.961	.00237	.04077	.00768	.00679	.03955	.00205	10.36160	5.01769	.05389	.06993
1.249	-1.819	-.00014	.07416	.01393	.01138	.03497	-.00563	10.31740	4.88701	.05413	.07178
1.249	.356	-.00447	.10826	.01973	.01588	.03192	-.01523	10.28810	4.72660	.05423	.07246
1.249	2.528	-.00988	.13661	.02471	.02057	.02699	-.02625	10.24140	4.54816	.05416	.07193
1.250	4.649	-.01532	.15769	.02825	.02436	.01964	-.03541	10.17230	4.40574	.05404	.07104
1.251	6.797	-.02181	.17849	.03113	.02860	.00825	-.04183	10.06660	4.31011	.05387	.06979
1.250	8.951	-.02568	.20279	.03456	.03235	-.00435	-.04572	9.95194	4.25480	.05408	.07135
	GRADIENT	-.00209	.01374	.00241	.00206	-.00222	-.00443	-.02107	-.07247	.00002	.00011

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.248	-8.419	.03489	-.03003	-.00518	-.00012	.05060	.01633	10.46940	5.26404	.05428	.07281
1.247	-6.216	.02468	.00622	.00121	.00365	.04601	.01034	10.42440	5.16048	.05441	.07384
1.249	-4.002	.01633	.04005	.00790	.00723	.04012	.00304	10.36780	5.03477	.05419	.07222
1.250	-1.801	.00663	.07428	.01426	.01191	.03541	-.00554	10.32200	4.88831	.05406	.07118
1.249	.363	-.00668	.10897	.01997	.01639	.03198	-.01571	10.28910	4.71840	.05419	.07213
1.252	2.532	-.01925	.13859	.02477	.02105	.02705	-.02650	10.24260	4.54304	.05381	.06932
1.249	4.658	-.03229	.15968	.02819	.02484	.01917	-.03458	10.16820	4.41789	.05420	.07228
1.251	6.811	-.04525	.18249	.03133	.02939	.00748	-.04126	10.05970	4.31747	.05386	.06963
1.248	8.922	-.05855	.20626	.03463	.03282	-.00417	-.04594	9.95356	4.25127	.05438	.07359
	GRADIENT	-.00569	.01403	.00236	.00205	-.00232	-.00444	-.02209	-.07294	-.00001	-.00008

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.549	-3.838	.00634	.04138	.00679	-.00055	.01269	-.03115	10.17380	4.47423	-.06357	.16873
1.549	-1.664	.00592	.07122	.01222	.00167	.00114	-.03914	10.06030	4.34550	-.06389	.17050
1.550	-.565	.00464	.08635	.01502	.00288	-.00451	-.04159	10.00550	4.30734	-.06441	.17322
1.550	.535	.00523	.10320	.01775	.00459	-.00954	-.04346	9.95725	4.27909	-.06424	.17244
1.549	2.698	.00615	.13371	.02271	.00955	-.01635	-.04669	9.89252	4.23069	-.06376	.16995
1.550	4.849	.00458	.15903	.02590	.01635	-.02283	-.05096	9.83177	4.16820	-.06432	.17275
1.550	5.902	.00346	.17225	.02766	.01906	-.02718	-.05275	9.79146	4.14290	-.06434	.17288
	GRADIENT	-.00013	.01371	.00223	.00194	-.00404	-.00214	-.03883	-.03292	-.00005	.00029

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	BETAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.550	-6.236	-.00511	.00478	.00136	-.00387	.03282	-.01776	10.31510	4.66824	-.06448	.17377
1.549	-4.043	-.00780	.03684	.00691	-.00183	.01889	-.02931	10.17570	4.48825	-.08393	.17081
1.550	-1.850	-.01204	.06941	.01232	.00102	.00796	-.03564	10.06820	4.37037	-.06410	.17181
1.550	.345	-.01689	.10194	.01786	.00439	-.00194	-.04043	9.97231	4.29574	-.06421	.17242
1.550	2.531	-.02243	.13289	.02305	.00849	-.00948	-.04459	9.90994	4.23250	-.06422	.17226
1.549	4.669	-.03067	.15388	.02651	.01415	-.01467	-.04863	9.85168	4.17327	-.06388	.17053
1.552	5.739	-.03173	.16009	.02841	.01642	-.02039	-.05093	9.79851	4.14072	-.06558	.17966
	GRADIENT	-.00257	.01365	.00232	.00181	-.00384	-.00226	-.03700	-.03505	-.00000	.00001

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.600	-6.610	-.06871	.10857	.01475	.02016	.00579	.00815	10.05330	5.08733	.10319	.06426
.600	-4.558	-.04889	.10594	.01413	.01963	.00858	.00863	10.06930	5.09241	.10323	.06462
.600	-.445	-.02199	.09493	.01227	.01797	.02022	.00843	10.13670	5.09038	.10313	.06374
.601	3.660	-.00494	.08719	.01129	.01573	.02554	.00746	10.16800	5.08013	.10294	.06205
.600	5.721	.00005	.08640	.01108	.01463	.02690	.00690	10.17550	5.07282	.10326	.06488
	GRADIENT	.00535	-.00228	-.00034	-.00047	.00206	-.00014	.01201	-.00149	-.00004	-.00031

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.900	-6.701	-.11550	.11801	.01730	.02488	-.01458	-.00558	9.90895	4.92002	.06310	.07772
.899	-4.620	-.09050	.10953	.01633	.02317	-.01509	-.00440	9.90515	4.93691	.06310	.07719
.901	-.450	-.05824	.09105	.01367	.01960	.01241	.00233	10.11670	5.03381	.06309	.07880
.900	3.705	-.04692	.07432	.01139	.01565	.02426	.00513	10.21030	5.07439	.06309	.07844
.900	5.790	-.04831	.06945	.01056	.01371	.02572	.00721	10.22170	5.10448	.06310	.07814
	GRADIENT	.00524	-.00423	-.00059	-.00090	.00473	.00115	.03667	.01652	-.00000	.00015

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.949	-6.720	-.11674	.12082	.01889	.02397	-.02524	-.00434	9.82274	4.93552	.06335	.12899
.949	-4.640	-.09296	.11111	.01775	.02233	-.02937	-.00082	9.79103	4.98789	.06335	.12897
.950	-.456	-.06541	.08540	.01406	.01855	-.00936	.00455	9.94589	5.06814	.06336	.12908
.950	3.721	-.05683	.06800	.01102	.01533	-.00425	.00617	9.98621	5.09253	.06336	.12930
.949	5.806	-.05685	.06287	.01016	.01412	-.00207	.00517	10.00350	5.07735	.06335	.12903
	GRADIENT	.00432	-.00516	-.00081	-.00084	.00300	.00084	.02335	.01252	.00000	.00004

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.101	-6.755	-.14965	.14387	.02383	.02101	-.00970	.01203	9.93384	5.19601	.06449	.18349
1.098	-4.652	-.12605	.12667	.02137	.02098	-.00510	.01753	9.97629	5.28568	.06453	.18416
1.097	-.452	-.09478	.08714	.01584	.01987	.01479	.01702	10.14930	5.27715	.06454	.18439
1.099	3.729	-.07768	.05841	.01113	.01805	.02076	.00235	10.20230	5.03815	.06453	.18413
1.101	5.833	-.07739	.05405	.00946	.01693	.02470	-.00940	10.23770	4.84904	.06449	.18350
	GRADIENT	.00577	-.00815	-.00122	-.00035	.00309	-.00181	.02698	-.02951	-.00000	-.00000

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.149	-6.766	-.14910	.14804	.02383	.01804	-.00503	.01642	9.97603	5.27287	.06314	.16235
1.152	-4.654	-.12411	.13436	.02201	.01819	.00303	.01778	10.04700	5.29589	.06299	.16023
1.151	-.451	-.09513	.10106	.01757	.01828	.02830	.00566	10.27560	5.09401	.06304	.16086
1.148	3.735	-.09552	.06897	.01242	.01764	.03094	-.00898	10.29970	4.85301	.06318	.16270
1.149	5.836	-.09093	.05789	.01017	.01663	.03429	-.01804	10.33100	4.70660	.06311	.16186
	GRADIENT	.00460	-.00780	-.00114	-.00006	.00333	-.00319	.03014	-.05279	.00002	.00029

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.247	-6.768	-.14188	.14994	.02398	.01275	.00589	.00989	10.07440	5.17061	.05443	.07404
1.251	-4.660	-.11177	.13922	.02277	.01335	.01602	.00374	10.16900	5.06453	.05384	.06956
1.251	-.453	-.07616	.11064	.01930	.01530	.03394	-.01079	10.33860	4.81704	.05385	.06960
1.252	3.742	-.06519	.08088	.01501	.01645	.03121	-.02575	10.31210	4.57201	.05372	.06865
1.249	5.845	-.06855	.06794	.01274	.01635	.02854	-.03238	10.28610	4.46851	.05411	.07162
	GRADIENT	.00555	-.00694	-.00092	.00037	.00181	-.00351	.01704	-.05862	-.00001	-.00011

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-6.613	-.06249	.09740	.01507	.01901	.00799	.00663	10.06580	5.07090	.10348	.06689
.600	-4.534	-.04577	.09433	.01444	.01831	.01089	.00713	10.08260	5.07642	.10328	.06507
.600	-2.487	-.03214	.08688	.01345	.01745	.01640	.00747	10.11460	5.08013	.10321	.06448
.600	-.433	-.02342	.08333	.01270	.01665	.02256	.00740	10.15020	5.07931	.10328	.06507
.600	1.624	-.01527	.07914	.01212	.01572	.02603	.00714	10.17060	5.07658	.10315	.06390
.599	3.677	-.01104	.07475	.01183	.01443	.02766	.00682	10.17970	5.07284	.10342	.06635
.600	5.726	-.00810	.07306	.01159	.01324	.02887	.00623	10.18700	5.06667	.10332	.06545
	GRADIENT	.00420	-.00228	-.00032	-.00046	.00210	-.00005	.01218	-.00052	.00001	.00010

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.900	-6.705	-.11482	.10905	.01743	.02378	-.01095	.00705	9.93649	5.10202	.06309	.07815
.900	-4.617	-.09044	.10225	.01667	.02217	-.01103	.01001	9.93584	5.14496	.06310	.07755
.900	-2.526	-.07437	.09282	.01543	.02019	-.00281	.01046	9.99950	5.15167	.06310	.07835
.899	-.460	-.06118	.08262	.01402	.01811	.01737	.01065	10.15540	5.15424	.06310	.07703
.899	1.621	-.05437	.07370	.01276	.01604	.02691	.01175	10.23090	5.17015	.06310	.07715
.899	3.707	-.05172	.06754	.01208	.01384	.02770	.01133	10.23720	5.16419	.06310	.07724
.900	5.784	-.05656	.06158	.01141	.01170	.02850	.01170	10.24370	5.16957	.06310	.07790
	GRADIENT	.00469	-.00426	-.00057	-.00100	.00515	.00019	.04014	.00274	.00000	-.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW12) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.599	-5.737	-.01659	.08455	.01497	.01682	.00595	.00609	10.05400	5.06498	.10362	.06816
.599	-3.675	-.01334	.08104	.01418	.01579	.00954	.00650	10.07460	5.06940	.10350	.06707
.599	-1.611	-.01380	.07503	.01329	.01499	.01564	.00663	10.10980	5.07083	.10345	.06662
.600	.430	-.01846	.07161	.01253	.01402	.02190	.00653	10.14500	5.06971	.10337	.06592
.600	2.484	-.02389	.06519	.01207	.01260	.02430	.00616	10.16000	5.06596	.10342	.06633
.599	4.536	-.02876	.06325	.01199	.01155	.02578	.00579	10.16870	5.06189	.10350	.06709
.601	6.604	-.03593	.06118	.01192	.01041	.02774	.00519	10.18100	5.05574	.10292	.06181
	GRADIENT	-.00199	-.00221	-.00027	-.00053	.00200	-.00009	.01162	-.00097	-.00000	-.00001

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
.899	-5.817	-.05557	.10801	.01725	.02318	-.01548	.00913	9.90205	5.13222	.06310	.07701
.899	-3.740	-.05190	.10102	.01624	.02133	-.01374	.01174	9.91520	5.17010	.06310	.07641
.899	-1.653	-.04977	.09314	.01497	.01904	.00305	.01111	10.04370	5.16111	.06310	.07664
.900	.443	-.05261	.08196	.01360	.01666	.02126	.01209	10.18650	5.17561	.06309	.07823
.901	2.517	-.05762	.07159	.01250	.01442	.02660	.01264	10.22930	5.18383	.06309	.07933
.901	4.590	-.06584	.06636	.01217	.01229	.02743	.01218	10.23590	5.17716	.06309	.07917
.900	6.691	-.07806	.06064	.01176	.01012	.03052	.01163	10.26030	5.16882	.06310	.07788
	GRADIENT	-.00171	-.00436	-.00051	-.00109	.00509	.00012	.03973	.00177	-.00000	.00039

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.097	-5.866	-.08328	.13652	.02363	.02014	-.01175	.01337	9.91950	5.21734	.06454	.18445
1.098	-3.749	-.07465	.12122	.02143	.01976	-.00742	.01936	9.95641	5.31483	.06453	.18416
1.100	-1.653	-.07293	.10317	.01898	.01891	.00605	.01910	10.07260	5.31107	.06450	.18373
1.102	.439	-.07464	.08315	.01629	.01819	.01980	.01213	10.19390	5.19749	.06448	.18312
1.100	2.558	-.07524	.06343	.01356	.01699	.01867	.00682	10.18340	5.11067	.06451	.18382
1.102	4.627	-.08229	.05138	.01171	.01572	.02137	-.00196	10.20810	4.95844	.06447	.18312
1.098	6.736	-.08610	.03949	.01007	.01399	.02404	-.00907	10.23190	4.85427	.06453	.18414
	GRADIENT	-.00084	-.00856	-.00119	-.00048	.00335	-.00262	.02930	-.04259	-.00000	-.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	ALFAOU	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
1.248	-5.878	-.10097	.13530	.02380	.01150	.00518	.00772	10.06760	5.13259	.05429	.07294
1.249	-3.772	-.08788	.12529	.02255	.01208	.01696	.00242	10.17720	5.04146	.05412	.07162
1.250	-1.649	-.08070	.11011	.02095	.01268	.02695	-.00399	10.27160	4.93195	.05407	.07127
1.250	.438	-.07898	.09716	.01887	.01399	.03168	-.01230	10.31610	4.79221	.05404	.07103
1.252	2.552	-.08472	.07875	.01659	.01431	.03062	-.02025	10.30830	4.66109	.05376	.06892
1.251	4.631	-.09126	.06772	.01495	.01455	.02770	-.02734	10.27850	4.54700	.05388	.06984
1.250	6.748	-.10277	.05315	.01304	.01392	.02476	-.03339	10.25030	4.45309	.05406	.07123
	GRADIENT	-.00051	-.00697	-.00093	.00031	.00120	-.00361	.01132	-.05997	-.00004	-.00028

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.939	-5.946	-7.89628	-.00518	-.00316	-.00385	.01202	.00583	10.11210	5.07613	.10318	.06399
-7.989	-3.937	-7.92536	-.00617	-.00342	-.00422	.01511	.00727	10.13330	5.09356	.10288	.06149
-7.996	-.009	-7.89274	-.00727	-.00355	-.00412	.02485	.00887	10.19300	5.11239	.10332	.06543
-7.961	3.990	-7.83913	-.00342	-.00231	-.00410	.02810	.00956	10.20870	5.11774	.10330	.06530
-7.975	6.023	-7.85476	.00163	-.00173	-.00422	.02919	.00969	10.21240	5.11753	.10316	.06399
	GRADIENT	.01089	.00035	.00014	.00001	.00164	.00029	.00950	.00305	.00005	.00048

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.969	-6.002	-3.96867	.05068	.00574	.00874	.00949	.00649	10.09010	5.07877	.10334	.06559
-3.972	-4.026	-3.94680	.04718	.00524	.00808	.01248	.00739	10.11200	5.09120	.10316	.06397
-3.967	-.003	-3.86366	.04082	.00443	.00730	.02345	.00833	10.18490	5.10653	.10329	.06515
-3.944	3.974	-3.82444	.03797	.00457	.00578	.02599	.00739	10.19050	5.09651	.10336	.06582
-3.922	5.947	-3.81260	.04049	.00426	.00539	.02755	.00758	10.19540	5.09060	.10317	.06413
	GRADIENT	.01531	-.00115	-.00008	-.00029	.00169	.00006	.00993	.00067	.00003	.00023

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.069	-6.610	-.13297	.10857	.01475	.02016	.00579	.00815	10.05330	5.08733	.10319	.06426
-.049	-4.558	-.11351	.10594	.01413	.01963	.00858	.00863	10.06930	5.09241	.10323	.06462
-.022	-.445	-.08572	.09493	.01227	.01797	.02022	.00843	10.13670	5.09038	.10313	.06374
-.005	3.660	-.06699	.08719	.01129	.01573	.02554	.00746	10.16800	5.08013	.10294	.06205
.000	5.721	-.06483	.08540	.01108	.01463	.02690	.00680	10.17550	5.07282	.10326	.06488
	GRADIENT	.00566	-.00[illegible]9	-.00034	-.00047	.00206	-.00014	.01201	-.00149	-.00004	-.00031

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.056	-5.955	4.16695	.15819	.02504	.03515	.00591	.00346	10.07580	5.04668	.10325	.06483
4.027	-3.979	4.14580	.15033	.02395	.03362	.00971	.00316	10.09630	5.04602	.10331	.06538
4.061	.000	4.16340	.13630	.02155	.03112	.02376	.00241	10.18710	5.04322	.10301	.06262
4.055	3.973	4.08219	.12358	.01949	.02826	.02723	.00069	10.19840	5.01971	.10322	.06450
4.042	5.952	4.04294	.12082	.01877	.02675	.02913	.00062	10.20450	5.01623	.10354	.06742
	GRADIENT	-.00800	-.00336	-.00056	-.00067	.00220	-.00031	.01284	-.00331	-.00001	-.00011

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-8.004	-6.045	-7.96338	.00506	-.00358	-.00461	.00989	.00729	10.09960	5.09163	.10341	.06624
-7.928	-3.928	-7.86533	.00408	-.00366	-.00441	.01254	.00876	10.11820	5.10951	.10304	.06297
-7.990	-.020	-7.88653	.00209	-.00380	-.00497	.02315	.01078	10.18290	5.13279	.10344	.06649
-7.921	4.045	-7.79947	.00718	-.00242	-.00482	.02631	.01145	10.19830	5.13815	.10328	.06512
-7.976	5.984	-7.85529	.01126	-.00194	-.00494	.02720	.01155	10.20080	5.13770	.10318	.06418
	GRADIENT	.00835	.00039	.00016	-.00005	.00172	.00034	.01000	.00358	.00003	.00027

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.972	-5.993	-3.97267	.05917	.00550	.00752	.00804	.00818	10.08180	5.09694	.10349	.06701
-3.918	-3.981	-3.89571	.05665	.00513	.00703	.01119	.00876	10.10440	5.10570	.10359	.06792
-4.016	-.009	-3.91339	.04865	.00404	.00597	.02176	.00955	10.17520	5.11981	.10323	.06464
-3.947	3.972	-3.82941	.04669	.00437	.00469	.02433	.00906	10.18130	5.10932	.10317	.06409
-3.941	5.964	-3.82806	.04826	.00462	.00409	.02593	.00876	10.18550	5.10305	.10357	.06774
	GRADIENT	.00834	-.00125	-.00010	-.00029	.00165	.00004	.00967	.00045	-.00005	-.00048

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.069	-6.610	-.13297	.10857	.01475	.02016	.00579	.00815	10.05330	5.08733	.10319	.06426
-.049	-4.558	-.11351	.10594	.01413	.01953	.00858	.00863	10.06930	5.09241	.10323	.06462
-.022	-.445	-.08572	.09493	.01227	.01797	.02022	.00843	10.13670	5.09038	.10313	.06374
-.005	3.660	-.06699	.08719	.01129	.01573	.02554	.00746	10.16800	5.08013	.10294	.06205
.000	5.721	-.06483	.08640	.01108	.01463	.02690	.00680	10.17550	5.07282	.10326	.06488
	GRADIENT	.00566	-.00228	-.00034	-.00047	.00206	-.00014	.01201	-.00149	-.00004	-.00031

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.066	-5.937	4.17591	.16690	.02488	.03386	.00540	.00388	10.06720	5.05128	.10308	.06324
4.052	-4.000	4.16407	.15999	.02385	.03236	.00812	.00371	10.08740	5.05212	.10235	.05676
4.039	-.012	4.14293	.14479	.02137	.02966	.02225	.00277	10.17780	5.04702	.10349	.06696
4.052	3.984	4.07800	.13175	.01927	.02681	.02543	.00112	10.18780	5.02426	.10333	.06555
4.069	5.990	4.06917	.13145	.01859	.02561	.02696	.00122	10.19140	5.02254	.10370	.06892
	GRADIENT	-.01078	-.00354	-.00057	-.00069	.00217	-.00032	.01257	-.00349	.00012	.00110

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW15) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.979	-5.948	-7.97716	-.00373	-.00344	-.00200	-.03384	-.01084	9.78755	4.85860	.06310	.07735
-7.962	-3.922	-7.94138	-.00712	-.00400	-.00282	-.03067	-.00689	9.81226	4.91654	.06310	.07716
-7.979	-.002	-7.91617	-.01243	-.00495	-.00371	.00303	-.00319	10.07240	4.97133	.06309	.07882
-7.973	3.978	-7.88032	-.01147	-.00416	-.00407	.00383	.00107	10.11440	5.03074	.06309	.07877
-7.954	6.002	-7.85663	-.00758	-.00382	-.00354	.01058	.00404	10.12570	5.07178	.06310	.07716
	GRADIENT	.00773	-.00055	-.00002	-.00016	.00502	.00101	.03817	.01446	-.00000	.00020

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.998	-6.036	-4.02991	.05183	.00656	.01097	-.02015	-.01091	9.88215	4.85327	.06310	.07765
-3.967	-4.023	-3.98023	.04685	.00591	.00963	-.01873	-.00882	9.89709	4.88556	.06310	.07749
-3.984	-.005	-3.92120	.03307	.00409	.00688	.00994	-.00356	10.12670	4.96605	.06309	.07846
-3.958	3.991	-3.85809	.02551	.00396	.00439	.02068	.00278	10.20230	5.05218	.06310	.07745
-3.926	5.948	-3.82649	.02535	.00383	.00400	.02328	.00582	10.21840	5.09371	.06309	.07823
	GRADIENT	.01524	-.00266	-.00024	-.00065	.00492	.00145	.03810	.02079	-.00000	-.00000

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.116	-6.701	-.19322	.11801	.01730	.02488	-.01458	-.00558	9.90895	4.92002	.06310	.07772
-.090	-4.620	-.16769	.10953	.01633	.02317	-.01509	-.00440	9.90515	4.93691	.06310	.07719
-.058	-.450	-.13708	.09105	.01367	.01960	.01241	.00233	10.11670	5.03381	.06309	.07880
-.047	3.705	-.12539	.07432	.01138	.01565	.02426	.00513	10.21030	5.07439	.06309	.07844
-.048	5.790	-.12648	.06945	.01056	.01371	.02572	.00721	10.22170	5.10448	.06310	.07814
	GRADIENT	.00508	-.00423	-.00059	-.00090	.00473	.00115	.03667	.01652	-.00000	.00015

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.068	-5.958	4.16750	.17732	.02685	.03516	-.01528	-.00089	9.91921	4.99677	.06310	.07721
4.033	-3.972	4.13243	.16860	.02606	.03335	-.01463	-.00075	9.92828	5.00138	.06310	.07810
4.036	-.006	4.09937	.14436	.02331	.02940	.02089	.00099	10.21330	5.03180	.06310	.07783
4.038	3.970	4.02772	.12419	.02055	.02472	.02347	.00248	10.22480	5.04805	.06310	.07680
4.025	5.934	3.99457	.12085	.01967	.02303	.02385	.00052	10.22360	5.01711	.06310	.07803
	GRADIENT	-.01319	-.00559	-.00069	-.00109	.00480	.00041	.03732	.00588	.00000	-.00016

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-8.011	-6.031	-6.04149	-.00528	-.00325	-.00087	-.03836	-.00403	9.74431	4.95352	.06335	.12879
-7.974	-4.016	-7.97889	-.01047	-.00407	-.00173	-.03781	.00151	9.75070	5.03788	.06337	.13024
-7.986	-.018	-7.92297	-.01953	-.00551	-.00343	-.01412	.00596	9.93687	5.10655	.06335	.12906
-7.952	3.990	-7.83616	-.02113	-.00517	-.00373	-.00684	.00735	9.99111	5.12539	.06335	.12857
-7.942	5.994	-7.81226	-.01745	-.00467	-.00272	-.00497	.00860	10.00310	5.14243	.06335	.12886
	GRADIENT	.01783	-.00133	-.00014	-.00025	.00387	.00073	.03002	.01093	-.00000	-.00021

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.969	-5.996	-4.04526	.05756	.00731	.01252	-.03445	-.00285	9.76671	4.96678	.06336	.12961
-4.014	-4.084	-4.06504	.04806	.00592	.01065	-.03431	.00172	9.77211	5.03757	.06335	.12906
-4.023	-.001	-3.95942	.03291	.00353	.00753	-.00916	.00674	9.97624	5.11828	.06335	.12851
-3.946	3.980	-3.80842	.02478	.00319	.00570	-.00103	.00814	10.03180	5.13412	.06336	.12945
-3.940	5.974	-3.79656	.02656	.00312	.00594	.00040	.00891	10.03870	5.14285	.06336	.12971
	GRADIENT	.03180	-.00289	-.00034	-.00062	.00414	.00080	.03228	.01201	.00000	.00005

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.117	-6.720	-.24581	.12082	.01889	.02397	-.02524	-.00434	9.82274	4.93552	.06335	.12899
-.093	-4.640	-.22201	.11111	.01775	.02233	-.02937	-.00082	9.79103	4.99789	.06335	.12897
-.065	-.456	-.19456	.08540	.01406	.01855	-.00936	.00455	9.94589	5.06814	.06336	.12908
-.057	3.721	-.18622	.06800	.01102	.01533	-.00425	.00817	9.80021	5.09253	.06336	.12930
-.057	5.806	-.18597	.06287	.01016	.01412	-.00207	.00517	10.00350	5.07735	.06335	.12903
	GRADIENT	.00428	-.00516	-.00081	-.00084	.00300	.00084	.02335	.01252	.00000	.00004

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.048	-5.935	4.18906	.18248	.02821	.03362	-.02395	-.00663	9.84801	4.91120	.06334	.12795
4.006	-3.945	4.14306	.16933	.02702	.03161	-.02664	-.00399	9.83101	4.95279	.06337	.13046
4.066	-.007	4.12935	.14066	.02374	.02782	-.00626	-.00192	9.99905	4.98870	.06337	.13037
4.032	3.976	3.98567	.11937	.02078	.02373	-.00414	-.00550	10.00750	4.93045	.06335	.12876
4.023	5.925	3.95062	.11234	.01936	.02196	-.00155	-.00804	10.02370	4.89013	.06336	.12942
	GRADIENT	-.01990	-.00631	-.00079	-.00100	.00284	-.00019	.02224	-.00284	-.00000	-.00021

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-8.000	-6.068	-8.06575	-.00012	-.00257	.00153	.00241	.01190	10.06340	5.20681	.06452	.18402
-7.955	-4.008	-7.98468	-.00732	-.00382	.00076	.00942	.01442	10.12770	5.24967	.06453	.18413
-7.956	.004	-7.89172	-.02751	-.00591	-.00018	.03455	.01690	10.35560	5.29200	.06454	.18437
-7.963	3.962	-7.82055	-.03871	-.00691	-.00068	.03976	.01818	10.39970	5.31100	.06454	.18433
-7.955	6.015	-7.78913	-.03778	-.00709	-.00049	.04338	.02030	10.42970	5.34377	.06454	.18436
	GRADIENT	.02060	-.00394	-.00039	-.00021	.00381	.00047	.03418	.00770	.00000	.00002

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.995	-6.022	-4.11719	.07444	.01135	.01235	-.00687	.01065	9.97608	5.18240	.06450	.18364
-3.976	-4.043	-4.08713	.05842	.00901	.01201	-.00044	.01523	10.03600	5.25990	.06451	.18375
-3.971	-.005	-3.90702	.03120	.00471	.01051	.02522	.01805	10.27220	5.32468	.06450	.18353
-3.953	3.969	-3.77447	.01347	.00260	.00907	.02988	.02095	10.30430	5.35299	.06452	.18410
-3.933	5.983	-3.74244	.01272	.00173	.00864	.03147	.01555	10.31360	5.26191	.06454	.18436
	GRADIENT	.03653	-.00561	-.00080	-.00037	.00379	.00071	.03355	.01163	.00000	.00004

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.150	-6.755	-.33315	.14387	.02383	.02101	-.00970	.01203	9.93684	5.19601	.06449	.18349
-.126	-4.652	-.31020	.12667	.02137	.02098	-.00510	.01753	9.97629	5.28568	.06453	.18416
-.095	-.452	-.27917	.08714	.01584	.01987	.01479	.01702	10.14930	5.27715	.06454	.18439
-.078	3.729	-.26182	.05841	.01113	.01805	.02076	.00235	10.20230	5.03815	.06453	.18413
-.077	5.833	-.26092	.05405	.00946	.01693	.02470	-.00940	10.23770	4.84904	.06449	.18350
	GRADIENT	.00577	-.00815	-.00122	-.00035	.00309	-.00181	.02698	-.02951	-.00000	-.00000

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.039	-5.962	4.22764	.20077	.03252	.03060	-.01654	.00392	9.69440	5.07330	.06450	.18359
4.052	-3.995	4.22758	.18426	.03104	.02960	-.01352	.00240	9.92440	5.05127	.06451	.18373
4.048	-.004	4.11277	.14748	.02613	.02809	.00242	-.00857	10.07030	4.87913	.06448	.18337
4.050	3.983	3.96580	.11280	.02083	.02591	.00754	-.01997	10.10630	4.69526	.06454	.18445
4.034	5.935	3.91658	.10609	.01872	.02541	.00917	-.02712	10.11610	4.58313	.06453	.18413
	GRADIENT	-.03281	-.00896	-.00128	-.00046	.00264	-.00280	.02280	-.04462	.00000	.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X40W18) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.967	-5.953	-8.01922	.00633	-.00187	-.00006	.00993	.01258	10.13120	5.22257	.06312	.16200
-7.968	-4.000	-7.98047	-.00428	-.00354	-.00025	.01797	.01327	10.20720	5.23641	.06312	.16208
-7.996	.002	-7.93261	-.02537	-.00592	-.00083	.04336	.01354	10.44620	5.24298	.06310	.16176
-7.976	3.986	-7.84528	-.03374	-.00666	-.00026	.05228	.01959	10.52750	5.32552	.06298	.16014
-7.937	5.987	-7.78698	-.03403	-.00695	.00012	.05445	.02027	10.54400	5.35122	.06306	.16119
	GRADIENT	.01793	-.00369	-.00039	-.00000	.00430	.00066	.04012	.01115	-.00002	-.00024

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-3.974	-5.997	-4.07852	.08119	.01217	.00934	.00091	.01170	10.04330	5.20361	.06310	.16174
-4.012	-4.080	-4.08802	.06744	.00993	.00972	.01093	.01528	10.13750	5.26630	.06303	.16075
-3.984	.086	-3.91714	.03727	.00533	.00973	.03410	.01944	10.35980	5.34165	.06304	.16089
-3.974	4.003	-3.81405	.02220	.00270	.00972	.04079	.00890	10.41270	5.15833	.06301	.16048
-3.991	6.054	-3.81973	.02002	.00156	.00900	.04316	.00168	10.42910	5.03703	.06317	.16275
	GRADIENT	.03397	-.00561	-.00090	.00000	.00371	-.00078	.03425	-.01302	-.00000	-.00003

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.149	-6.766	-.31151	.14804	.02383	.01804	-.00503	.01642	9.97603	5.27287	.06314	.16235
-.124	-4.654	-.28440	.13436	.02201	.01819	.00303	.01778	10.04700	5.29589	.06299	.16023
-.095	-.451	-.25606	.10106	.01757	.01828	.02830	.00566	10.27560	5.09401	.06304	.16086
-.086	3.735	-.24830	.06897	.01242	.01764	.03094	-.00896	10.29970	4.85301	.06316	.16270
-.091	5.836	-.25287	.05789	.01017	.01663	.03429	-.01804	10.33100	4.70660	.06311	.16186
	GRADIENT	.00430	-.00780	-.00114	-.00006	.00333	-.00319	.03014	-.05279	.00002	.00029

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.073	-5.944	4.24162	.20796	.03259	.02798	-.01319	.00023	9.92042	5.01352	.06304	.16092
4.034	-3.975	4.19332	.19259	.03119	.02785	-.00804	-.00347	9.96977	4.95512	.06316	.16255
4.049	-.008	4.11263	.15509	.02672	.02686	.01441	-.01831	10.17830	4.71946	.06312	.16205
4.051	3.986	3.98226	.12333	.02223	.02499	.01696	-.03076	10.19290	4.51988	.06307	.16135
4.020	5.914	3.92220	.11514	.01981	.02477	.01941	-.03396	10.21090	4.46878	.06299	.16029
	GRADIENT	-.02652	-.00870	-.00113	-.00035	.00314	-.00343	.02800	-.05466	-.00001	-.00015

IA183,ALPHA-BETA UNCORR FLOW ANG (WING-ELEVON) (X4QW19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1307.0000 IN. XO
LREF = 474.8000 INCHES YMRP = 105.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 300.0000 IN. ZO
SCALE = .8200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-7.925	-6.007	-7.92847	.01738	.00057	-.00390	.02618	.01387	10.28710	5.25191	.05417	.07201
-7.972	-3.997	-7.95839	.00817	-.00114	-.00319	.03162	.01310	10.34270	5.24087	.05423	.07251
-7.971	-.007	-7.91754	-.01235	-.00367	-.00028	.04821	.01552	10.50810	5.28511	.05389	.06987
-7.981	3.990	-7.89898	-.01930	-.00571	.00178	.05031	.01023	10.52400	5.19113	.05430	.07306
-7.962	5.995	-7.87536	-.02319	-.00626	.00216	.05014	.00473	10.51920	5.09467	.05412	.07167
	GRADIENT	.00744	-.00344	-.00057	.00062	.00234	-.00036	.02269	-.00623	.00001	.00007

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-4.008	-6.054	-4.03921	.08715	.01257	.00390	.01638	.01638	10.18740	5.29153	.05392	.07014
-3.965	-4.030	-3.98158	.07732	.01136	.00511	.02471	.01314	10.27060	5.23806	.05418	.07207
-4.009	-.009	-3.95518	.05047	.00813	.00705	.03747	.00362	10.40290	5.07954	.05398	.07057
-3.948	4.001	-3.86072	.03710	.00518	.00894	.03860	-.00778	10.40370	4.87965	.05385	.06956
-3.937	5.953	-3.84894	.02982	.00371	.00883	.03742	-.01507	10.38750	4.75496	.05391	.07005
	GRADIENT	.01505	-.00501	-.00077	.00048	.00173	-.00260	.01658	-.04463	-.00004	-.00031

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
-.142	-6.768	-.21594	.14994	.02398	.01275	.00589	.00989	10.07440	5.17061	.05443	.07404
-.112	-4.660	-.18137	.13922	.02277	.01335	.01602	.00374	10.16900	5.06453	.05384	.06956
-.076	-.453	-.14579	.11064	.01930	.01530	.03394	-.01079	10.33060	4.81704	.05385	.06960
-.065	3.742	-.13387	.08088	.01501	.01645	.03121	-.02575	10.31210	4.57201	.05372	.06865
-.069	5.845	-.14020	.06794	.01274	.01635	.02654	-.03238	10.28510	4.46851	.05411	.07162
	GRADIENT	.00566	-.00694	-.00092	.00037	.00181	-.00351	.01704	-.05862	-.00001	-.00011

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOC	CNW	CBW	CTW	CHEI	CHEO	DEIR	DEOR	AFA	BFA
4.079	-5.988	4.16905	.20594	.03273	.02146	-.00142	-.01060	10.02320	4.83014	.05416	.07196
4.060	-4.005	4.14762	.19277	.03127	.02180	.00184	-.01724	10.05750	4.72210	.05386	.06970
4.063	-.011	4.11746	.16186	.02754	.02359	.01996	-.03002	10.23490	4.52135	.05433	.07323
4.041	3.977	4.02830	.12882	.02313	.02362	.01780	-.03361	10.20580	4.38422	.05423	.07248
4.021	5.940	3.99032	.11839	.02082	.02348	.01340	-.04118	10.16070	4.34348	.05426	.07277
	GRADIENT	-.01495	-.00801	-.00102	.00023	.00200	-.00268	.01859	-.04233	.00005	.00035

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV01) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-7.994	-.01649	-.01422	.00573	.03794	-.22879	-.22619	-.24951	-.25679	-.25315	-.24762
.600	-6.014	-.01314	-.01168	.00486	.03714	-.22440	-.22217	-.24317	-.25068	-.24693	-.24122
.601	-3.997	-.01013	-.00934	.00393	.03637	-.22049	-.21801	-.23686	-.24470	-.24078	-.23433
.599	-1.999	-.00803	-.00785	.00348	.03582	-.21843	-.21486	-.23212	-.24006	-.23609	-.22859
.600	-.034	-.00319	-.00464	.00239	.03546	-.21653	-.21180	-.22818	-.23624	-.23221	-.22628
.600	2.012	-.00128	-.00333	.00205	.03560	-.21959	-.20978	-.23008	-.24069	-.23539	-.22542
.599	3.983	.00001	-.00266	.00193	.03480	-.21526	-.20076	-.22471	-.23976	-.23223	-.22253
.600	5.989	.00001	-.00269	.00178	.03406	-.21216	-.19607	-.21999	-.23490	-.22744	-.21567
.600	8.024	-.00103	-.00358	.00214	.03380	-.21210	-.19428	-.21847	-.23322	-.22584	-.21146
	GRADIENT	.00135	.00089	-.00026	-.00017	.00046	.00198	.00132	.00046	.00089	.00134

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.900	-8.010	.00242	.00992	-.01666	.04296	-.25897	-.25676	-.27704	-.27883	-.27793	-.28016
.898	-5.959	.00725	.01281	-.01702	.04161	-.25042	-.25002	-.26871	-.27252	-.27061	-.27108
.901	-4.040	.00970	.01441	-.01695	.04054	-.24435	-.24514	-.26256	-.26725	-.26489	-.26225
.900	-2.041	.01249	.01609	-.01639	.03951	-.23772	-.24120	-.25302	-.26368	-.26085	-.25468
.898	.017	.01291	.01546	-.01486	.03907	-.23371	-.23833	-.25959	-.26403	-.26031	-.25422
.899	2.020	.01316	.01502	-.01388	.03951	-.23796	-.23973	-.25791	-.26772	-.26282	-.25524
.900	4.011	.01140	.01317	-.01222	.03936	-.24013	-.23675	-.25581	-.26529	-.26055	-.25032
.900	5.972	.00748	.01129	-.01210	.03944	-.24232	-.23590	-.25505	-.26597	-.26101	-.24883
.900	7.998	.00669	.00890	-.00943	.04043	-.25085	-.24169	-.26213	-.27463	-.26838	-.25077
	GRADIENT	.00020	-.00017	.00059	-.00012	.00041	.00090	.00088	-.00001	.00033	.00115

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.949	-8.025	-.00178	.00602	-.01408	.04571	-.23244	-.27402	-.29279	-.29696	-.29487	-.28509
.951	-6.030	.00079	.00777	-.01399	.04445	-.27521	-.26634	-.28464	-.28998	-.28731	-.27640
.953	-3.953	.00431	.01034	-.01444	.04342	-.26906	-.25950	-.27764	-.28447	-.28106	-.26858
.950	-2.004	.00572	.00885	-.01127	.04241	-.26431	-.25374	-.27253	-.28098	-.27676	-.26069
.952	.011	.00889	.01162	-.01256	.04264	-.26597	-.25527	-.27430	-.28411	-.27921	-.26176
.950	2.009	.01123	.01451	-.01438	.04222	-.26230	-.25251	-.27153	-.28144	-.27648	-.26115
.948	4.025	.01247	.01558	-.01438	.04250	-.26403	-.25415	-.27319	-.28416	-.27868	-.26298
.949	5.996	.01074	.01382	-.01287	.04349	-.27165	-.25922	-.27890	-.29017	-.28453	-.26713
.949	7.970	.00474	.00664	-.01000	.04411	-.27718	-.26291	-.28221	-.29148	-.28684	-.26799
	GRADIENT	.00109	.00081	-.00015	-.00010	.00068	.00059	.00049	.00001	.00025	.00053

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV01) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.100	-8.000	-.02845	-.02188	.01090	.05702	-.35335	-.33953	-.35736	-.36443	-.36089	-.35542
1.099	-6.032	-.02488	-.01904	.00953	.05580	-.34701	-.33012	-.35091	-.36386	-.35738	-.34733
1.102	-3.958	-.01818	-.01384	.00716	.05476	-.34075	-.32472	-.34589	-.36053	-.35321	-.33991
1.099	-1.977	-.01579	-.01232	.00649	.05435	-.33919	-.32281	-.34356	-.35824	-.35095	-.33519
1.099	-.017	-.01270	-.01043	.00581	.05504	-.34469	-.32933	-.34692	-.35560	-.35126	-.33506
1.099	1.983	-.01071	-.00846	.00463	.05486	-.34481	-.32623	-.34704	-.35811	-.35258	-.33364
1.100	4.002	-.01025	-.00800	.00341	.05490	-.34490	-.32212	-.34817	-.36211	-.35514	-.33744
1.101	6.019	-.00494	-.00413	.00091	.05449	-.34258	-.32025	-.34740	-.36016	-.35378	-.33416
1.102	7.976	-.00369	-.00325	.00053	.05627	-.35447	-.33081	-.35877	-.36894	-.36385	-.34381
	GRADIENT	.00105	.00078	-.00047	.00004	-.00070	.00009	-.00040	-.00016	-.00028	.00032

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-9.325	-.02679	-.02188	.01276	.05189	-.32039	-.30315	-.32517	-.33065	-.32791	-.33007
1.251	-7.116	-.02025	-.01722	.01058	.05099	-.31612	-.29807	-.31931	-.32788	-.32360	-.32196
1.251	-4.846	-.01635	-.01468	.00945	.05030	-.31296	-.29461	-.31533	-.32550	-.32042	-.31518
1.249	-2.662	-.01368	-.01277	.00875	.04885	-.30419	-.28688	-.30511	-.31494	-.31003	-.30500
1.249	-.520	-.01194	-.01122	.00777	.04789	-.29658	-.27934	-.29679	-.30691	-.30185	-.29980
1.249	1.618	-.00821	-.00831	.00592	.04860	-.30353	-.28309	-.30152	-.31210	-.30681	-.30356
1.251	3.789	-.00728	-.00658	.00431	.04860	-.30373	-.28216	-.30396	-.31665	-.31030	-.30404
1.252	5.875	-.00713	-.00659	.00485	.04858	-.30342	-.28331	-.30499	-.31699	-.31099	-.30317
1.250	8.070	-.00846	-.00762	.00565	.04946	-.31016	-.28788	-.31168	-.32392	-.31780	-.30683
	GRADIENT	.00110	.00096	-.00061	-.00017	.00089	.00133	.00122	.00096	.00109	.00110

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV02) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.601	-8.791	-.02748	-.02043	.00776	.03832	-.22986	-.22968	-.25328	-.25892	-.25610	-.25143
.600	-4.601	-.01575	-.01191	.00458	.03696	-.22323	-.22253	-.24144	-.24882	-.24513	-.23893
.600	-2.586	-.01274	-.00959	.00372	.03635	-.22077	-.21888	-.23630	-.24388	-.24009	-.23274
.600	-.408	-.00970	-.00765	.00311	.03592	-.21917	-.21517	-.23184	-.23959	-.23571	-.22903
.600	1.636	-.00697	-.00565	.00245	.03608	-.22182	-.21452	-.23257	-.24173	-.23715	-.22845
.600	3.686	-.00417	-.00428	.00217	.03519	-.21734	-.20425	-.22741	-.24082	-.23411	-.22473
.599	7.886	-.00381	-.00400	.00204	.03418	-.21363	-.19682	-.22087	-.23533	-.22810	-.21491
	GRADIENT	.00139	.00092	-.00029	-.00018	.00052	.00196	.00153	.00088	.00120	.00157

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.099	-7.963	-.02973	-.02293	.01153	.05683	-.35207	-.33896	-.35637	-.36318	-.35977	-.35417
1.101	-5.991	-.02404	-.01861	.00951	.05543	-.34482	-.32731	-.34857	-.36175	-.35516	-.34530
1.099	-3.959	-.01977	-.01547	.00809	.05495	-.34191	-.32595	-.34703	-.36156	-.35430	-.34106
1.102	-2.023	-.01435	-.01144	.00646	.05406	-.33733	-.32061	-.34158	-.35662	-.34911	-.33388
1.101	-.006	-.01060	-.00898	.00529	.05481	-.34359	-.32760	-.34559	-.35438	-.34998	-.33366
1.099	1.995	-.01179	-.00926	.00520	.05504	-.34593	-.32703	-.34815	-.35941	-.35378	-.33497
1.099	4.002	-.01075	-.00821	.00388	.05488	-.34495	-.32214	-.34808	-.36164	-.35486	-.33711
1.099	5.965	-.00810	-.00624	.00198	.05483	-.34459	-.32203	-.34987	-.36279	-.35633	-.33660
1.099	8.023	-.00846	-.00656	.00190	.05619	-.35402	-.33034	-.35789	-.36804	-.36296	-.34321
	GRADIENT	.00103	.00084	-.00048	.00004	-.00074	.00006	-.00044	-.00015	-.00030	.00034

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-9.288	-.02526	-.02083	.01213	.05194	-.32082	-.30337	-.32529	-.33085	-.32807	-.33019
1.250	-7.046	-.02069	-.01758	.01070	.05091	-.31570	-.29737	-.31876	-.32745	-.32310	-.32147
1.248	-4.868	-.01779	-.01573	.01000	.05037	-.31343	-.29458	-.31578	-.32576	-.32077	-.31594
1.249	-2.715	-.01444	-.01325	.00910	.04913	-.30602	-.28022	-.30696	-.31693	-.31194	-.30688
1.251	-.515	-.01064	-.01043	.00749	.04801	-.29943	-.27994	-.29767	-.30775	-.30271	-.30049
1.252	1.652	-.00740	-.00752	.00550	.04854	-.30330	-.28232	-.30136	-.31194	-.30665	-.30333
1.251	3.732	-.00771	-.00687	.00456	.04835	-.30222	-.28058	-.30242	-.31506	-.30874	-.30240
1.250	5.901	-.00724	-.00649	.00476	.04864	-.30399	-.28349	-.30554	-.31735	-.31145	-.30337
1.249	8.070	-.00961	-.00620	.00588	.04969	-.31165	-.28931	-.31321	-.32520	-.31921	-.30817
	GRADIENT	.00126	.00109	-.00067	-.00022	.00117	.00158	.00151	.00123	.00137	.00142

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV03) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-8.019	-.02455	-.01918	.01146	.05092	-.31517	-.29753	-.31931	-.32564	-.32248	-.32245
1.251	-6.023	-.02090	-.01649	.01022	.05064	-.31472	-.29575	-.31741	-.32592	-.32166	-.31865
1.250	-3.962	-.01604	-.01306	.00877	.04953	-.30951	-.28996	-.31044	-.32011	-.31527	-.30978
1.249	-1.993	-.01505	-.01253	.00871	.04801	-.29899	-.28105	-.29874	-.30800	-.30337	-.30036
1.253	-.032	-.01211	-.01009	.00722	.04793	-.29888	-.27906	-.29654	-.30637	-.30145	-.30032
1.249	1.999	-.00986	-.00783	.00535	.04801	-.29993	-.27927	-.29841	-.30881	-.30361	-.30015
1.253	3.974	-.01025	-.00761	.00507	.04840	-.30208	-.28191	-.30251	-.31516	-.30884	-.30285
1.249	5.982	-.00889	-.00665	.00497	.04841	-.30199	-.28276	-.30334	-.31508	-.30921	-.30248
1.248	7.987	-.00963	-.00723	.00547	.04972	-.31194	-.29016	-.31354	-.32540	-.31947	-.30776
	GRADIENT	.00085	.00079	-.00054	-.00011	.00060	.00090	.00081	.00045	.00063	.00070

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV04) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.102	-7.970	-.02767	-.02155	.01116	.05684	-.35278	-.33719	-.35658	-.36508	-.36083	-.35440
1.098	-6.018	-.02663	-.02076	.01065	.05579	-.34675	-.33035	-.35094	-.36365	-.35729	-.34737
1.100	-4.019	-.01865	-.01472	.00785	.05479	-.34083	-.32473	-.34581	-.36037	-.35309	-.34051
1.098	-2.013	-.01653	-.01317	.00709	.05451	-.34017	-.32410	-.34475	-.35921	-.35198	-.33594
1.099	-.034	-.01260	-.01028	.00564	.05511	-.34500	-.32973	-.34729	-.35607	-.35168	-.33610
1.102	2.012	-.00921	-.00745	.00429	.05432	-.34120	-.32225	-.34329	-.35486	-.34907	-.33129
1.102	3.981	-.00718	-.00586	.00268	.05447	-.34221	-.31943	-.34531	-.35901	-.35216	-.33493
1.100	6.032	-.00449	-.00389	.00090	.05430	-.34129	-.31920	-.34613	-.35901	-.35257	-.33319
1.101	7.976	-.00603	-.00495	.00123	.05602	-.35283	-.32995	-.35716	-.36744	-.36230	-.34182
	GRADIENT	.00151	.00117	-.00066	-.00004	-.00019	.00062	.00013	.00035	.00024	.00079

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV04) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.249	-9.288	-.02750	-.02248	.01309	.05185	-.32040	-.30287	-.32489	-.33051	-.32770	-.32950
1.250	-7.072	-.02066	-.01752	.01061	.05085	-.31528	-.29687	-.31342	-.32739	-.32291	-.32134
1.251	-4.857	-.01625	-.01457	.00942	.05046	-.31391	-.29551	-.31631	-.32659	-.32145	-.31626
1.249	-2.729	-.01459	-.01331	.00912	.04910	-.30571	-.28848	-.30666	-.31669	-.31167	-.30657
1.249	-.487	-.01008	-.01004	.00734	.04786	-.29843	-.27910	-.29665	-.30655	-.30160	-.29966
1.251	1.604	-.00683	-.00702	.00524	.04837	-.30211	-.28154	-.30014	-.31089	-.30551	-.30236
1.252	3.777	-.00789	-.00714	.00473	.04845	-.30265	-.28151	-.30304	-.31577	-.30941	-.30311
1.251	5.863	-.00852	-.00753	.00525	.04871	-.30426	-.28391	-.30574	-.31769	-.31171	-.30407
1.250	8.072	-.00949	-.00820	.00576	.04979	-.31235	-.28999	-.31396	-.32619	-.32008	-.30850
	GRADIENT	.00113	.00098	-.00061	-.00022	.00122	.00162	.00154	.00128	.00141	.00142

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV05) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.098	-7.969	-.02823	-.02199	.01115	.05653	-.35037	-.33658	-.35452	-.36165	-.35808	-.35234
1.100	-6.020	-.02429	-.01875	.00949	.05544	-.34489	-.32783	-.34879	-.36183	-.35531	-.34507
1.102	-4.010	-.01890	-.01460	.00770	.05487	-.34137	-.32560	-.34654	-.36097	-.35376	-.34067
1.099	-2.007	-.01675	-.01298	.00707	.05437	-.33913	-.32337	-.34411	-.35877	-.35144	-.33528
1.102	-.032	-.01113	-.00915	.00545	.05480	-.34336	-.32742	-.34524	-.35365	-.34945	-.33396
1.101	2.013	-.00998	-.00777	.00466	.05443	-.34225	-.32321	-.34454	-.35584	-.35019	-.33119
1.100	3.970	-.01059	-.00807	.00374	.05464	-.34320	-.32062	-.34623	-.35981	-.35302	-.33613
1.102	5.984	-.00550	-.00456	.00143	.05421	-.34075	-.31891	-.34545	-.35785	-.35165	-.33243
1.099	8.026	-.00641	-.00501	.00124	.05573	-.35101	-.32810	-.35577	-.36617	-.36097	-.34017
	GRADIENT	.00117	.00091	-.00052	-.00002	-.00034	.00051	.00001	.00026	.00014	.00066

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV05) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.249	-9.260	-.02687	-.02196	.01270	.05191	-.32085	-.30317	-.32526	-.33103	-.32815	-.32966
1.249	-7.075	-.02135	-.01803	.01109	.05091	-.31509	-.29667	-.31824	-.32714	-.32269	-.32087
1.252	-4.862	-.01560	-.01377	.00893	.05035	-.31328	-.29459	-.31555	-.32599	-.32071	-.31570
1.252	-2.733	-.01400	-.01282	.00884	.04894	-.30477	-.28741	-.30552	-.31566	-.31059	-.30549
1.249	-.523	-.00982	-.00975	.00717	.04807	-.29978	-.28021	-.29788	-.30796	-.30292	-.30091
1.249	1.659	-.00882	-.00956	.00591	.04847	-.30282	-.28203	-.30090	-.31153	-.30621	-.30292
1.250	3.748	-.00815	-.00712	.00476	.04830	-.30178	-.28027	-.30193	-.31440	-.30816	-.30233
1.251	5.866	-.00795	-.00708	.00503	.04850	-.30349	-.28322	-.30491	-.31669	-.31090	-.30351
1.251	8.072	-.00880	-.00764	.00571	.04958	-.31090	-.28871	-.31254	-.32466	-.31850	-.30757
	GRADIENT	.00093	.00081	-.00052	-.00021	.00115	.00158	.00148	.00126	.00137	.00136

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV06) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-7.969	-.00827	-.00907	.00540	.03794	-.22913	-.22608	-.24842	-.25456	-.25149	-.24710
.600	-5.868	-.00697	-.00778	.00463	.03698	-.22425	-.22126	-.24157	-.24781	-.24469	-.23852
.600	-3.760	-.00510	-.00611	.00393	.03607	-.21922	-.21654	-.23456	-.24117	-.23786	-.23137
.600	-1.659	-.00053	-.00249	.00254	.03525	-.21496	-.21184	-.22884	-.23576	-.23230	-.22463
.601	.383	.00013	-.00136	.00195	.03450	-.21086	-.20692	-.22273	-.23000	-.22637	-.21922
.600	2.489	.00159	.00025	.00180	.03437	-.21070	-.20564	-.22059	-.22868	-.22464	-.21771
.599	4.564	.00766	.00346	.00108	.03391	-.20850	-.20091	-.21680	-.22787	-.22234	-.21489
.601	6.664	.01132	.00654	.00050	.03313	-.20432	-.19725	-.21182	-.22285	-.21733	-.20845
.600	8.764	.01574	.00992	-.00016	.03277	-.20276	-.19560	-.20983	-.22082	-.21533	-.20455
	GRADIENT	.00133	.00105	-.00031	-.00025	.00123	.00180	.00210	.00162	.00186	.00192

IA183.ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV08) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.899	-8.197	.01059	.01453	-.01578	.04397	-.26628	-.26239	-.27775	-.27884	-.27829	-.28490
.899	-6.009	.01230	.01518	-.01508	.04203	-.25382	-.25241	-.26602	-.26615	-.26608	-.27240
.900	-3.868	.01322	.01588	-.01441	.04067	-.24626	-.24569	-.25720	-.25973	-.25847	-.26132
.901	-1.755	.01573	.01822	-.01510	.03944	-.23844	-.23952	-.25102	-.25488	-.25295	-.25313
.901	.393	.01758	.02012	-.01565	.03875	-.23335	-.23610	-.24729	-.24952	-.24841	-.24968
.901	2.521	.01930	.02130	-.01516	.03870	-.23322	-.23537	-.24777	-.25191	-.24984	-.24937
.901	4.636	.01827	.01937	-.01207	.03850	-.23342	-.23248	-.24786	-.25453	-.25120	-.24677
.901	6.756	.01673	.01786	-.00942	.03826	-.23358	-.22917	-.24707	-.25585	-.25146	-.24382
.902	8.913	.01889	.01911	-.00800	.03903	-.24056	-.23535	-.25284	-.26182	-.25733	-.24353
	GRADIENT	.00067	.00047	.00022	-.00024	.00145	.00144	.00103	.00063	.00083	.00154

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.097	-8.360	-.00887	-.00677	.00445	.05690	-.35119	-.34052	-.35745	-.36329	-.36037	-.35587
1.098	-6.165	-.00722	-.00529	.00357	.05587	-.34524	-.33641	-.35224	-.35917	-.35571	-.34732
1.098	-3.985	-.00150	-.00037	.00106	.05412	-.33523	-.32256	-.33915	-.35175	-.34545	-.33749
1.101	-1.795	-.00240	-.00092	.00142	.05347	-.33237	-.31980	-.33685	-.35068	-.34376	-.33048
1.101	.357	.00157	.00210	-.00004	.05412	-.33929	-.32461	-.34158	-.35064	-.34611	-.32871
1.103	2.523	.00121	.00219	-.00029	.05353	-.33518	-.31752	-.33733	-.35002	-.34367	-.32842
1.101	4.652	[illegible]579	.00687	-.00369	.05323	-.33325	-.31344	-.33598	-.35016	-.34307	-.32848
1.102	6.70[illegible]	[illegible]901	.00876	-.00504	.05318	-.33303	-.31419	-.33918	-.35074	-.34446	-.32714
1.101	8.937	.1391	.01288	-.00673	.05506	-.34593	-.32559	-.34834	-.35743	-.35313	-.33647
	GRADIENT	.00093	.00081	-.00052	-.00008	.00005	.00095	.00027	.00018	.00022	.00093

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.251	-8.449	-.01032	-.00975	.00659	.05060	-.31021	-.29859	-.31594	-.32164	-.31879	-.32368
1.251	-6.210	-.01053	-.00995	.00666	.04963	-.30597	-.29172	-.31014	-.31884	-.31449	-.31526
1.251	-3.961	-.00796	-.00778	.00581	.04901	-.30367	-.28833	-.30727	-.31740	-.31234	-.30799
1.249	-1.819	-.00486	-.00517	.00421	.04875	-.30326	-.28833	-.30538	-.31670	-.31119	-.30336
1.249	.356	-.00125	-.00214	.00248	.04844	-.30255	-.28514	-.30311	-.31519	-.30915	-.30038
1.249	2.528	.00116	.00000	.00100	.04845	-.30351	-.28385	-.30319	-.31470	-.30895	-.29982
1.250	4.649	.00219	.00088	.00075	.04848	-.30335	-.28414	-.30522	-.31832	-.31177	-.30046
1.251	6.797	.00487	.00345	-.00040	.04827	-.30237	-.28395	-.30573	-.31834	-.31204	-.29777
1.250	8.951	.00736	.00569	-.00135	.05011	-.31512	-.29420	-.31651	-.33096	-.32474	-.30745
	GRADIENT	.00122	.00104	-.00062	-.00006	.00002	.00064	.00031	.00001	.00016	.00086

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV07) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.248	-8.419	-.01927	-.01495	.00922	.05056	-.30983	-.29866	-.31560	-.32043	-.31902	-.32339
1.247	-6.216	-.01572	-.01195	.00754	.04994	-.30795	-.29409	-.31215	-.31978	-.31597	-.31652
1.249	-4.002	-.01203	-.00935	.00667	.04900	-.30368	-.28909	-.30722	-.31670	-.31196	-.30750
1.250	-1.801	-.00849	-.00610	.00494	.04872	-.30315	-.28847	-.30560	-.31625	-.31092	-.30284
1.249	.363	-.00264	-.00143	.00226	.04873	-.30438	-.28701	-.30477	-.31626	-.31052	-.30199
1.252	2.532	.00105	.00139	.00062	.04862	-.30441	-.28605	-.30457	-.31577	-.31017	-.30023
1.249	4.658	.00437	.00455	-.00083	.04868	-.30461	-.28739	-.30793	-.32055	-.31424	-.30022
1.251	6.811	.00763	.00720	-.00192	.04834	-.30283	-.28467	-.30598	-.31832	-.31215	-.29803
1.248	8.922	.01373	.01206	-.00394	.05009	-.31466	-.29499	-.31836	-.32988	-.32412	-.30708
	GRADIENT	.00196	.00163	-.00089	-.00003	-.00014	.00027	-.00002	-.00033	-.00017	.00079

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV08) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.549	-3.838	-.01819	-.01303	.00865	.04170	-.25815	-.24137	-.25912	-.26011	-.25962	-.26573
1.549	-1.664	-.01445	-.01095	.00792	.04177	-.25922	-.24061	-.25877	-.25928	-.25902	-.26591
1.550	-.565	-.01177	-.00964	.00769	.04203	-.26088	-.24172	-.26032	-.26115	-.26073	-.26782
1.550	.535	-.01056	-.00922	.00778	.04210	-.26137	-.24179	-.26046	-.26226	-.26136	-.26845
1.549	2.698	-.01020	-.00902	.00797	.04222	-.26215	-.24242	-.26069	-.26513	-.26291	-.26915
1.550	4.849	-.01127	-.00942	.00756	.04035	-.25085	-.23532	-.24950	-.25492	-.25221	-.25397
1.550	5.902	-.01185	-.00953	.00716	.04005	-.24944	-.23462	-.24900	-.25518	-.25209	-.25042
	GRADIENT	.00080	.00040	-.00009	-.00011	.00057	.00049	.00083	.00022	.00052	.00097

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV09) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.550	-6.236	-.00630	-.00599	.00664	.04148	-.25435	-.24071	-.25640	-.25700	-.25670	-.26841
1.549	-4.043	-.00191	-.00301	.00534	.04106	-.25277	-.23944	-.25480	-.25631	-.25555	-.26300
1.550	-1.850	.00109	.00017	.00336	.04108	-.25440	-.23834	-.25488	-.25671	-.25579	-.26137
1.550	.345	.00538	.00388	.00059	.04128	-.25563	-.23876	-.25522	-.25758	-.25640	-.26314
1.550	2.531	.00455	.00433	-.00104	.04116	-.25563	-.23739	-.25462	-.25819	-.25641	-.26165
1.549	4.669	.00418	.00409	-.00094	.03927	-.24484	-.23046	-.24486	-.25288	-.24887	-.24486
1.552	5.739	.00350	.00364	-.00137	.03911	-.24372	-.23131	-.24546	-.25545	-.25045	-.24251
	GRADIENT	.00072	.00084	-.00078	-.00016	.00067	.00085	.00092	.00024	.00058	.00164

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV10) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.600	-8.610	.32998	.23851	-.09236	.03954	-.24071	-.23079	-.26172	-.28294	-.27233	-.25788
.600	-4.558	.21642	.15866	-.05815	.03871	-.23789	-.22718	-.25519	-.27135	-.26327	-.24745
.600	-.445	.01119	.00299	.00235	.03544	-.21648	-.21373	-.22820	-.23581	-.23201	-.22448
.601	3.660	-.17868	-.13709	.05307	.03699	-.22772	-.22507	-.24175	-.25351	-.24763	-.22956
.600	5.721	-.30356	-.22526	.09144	.03897	-.24041	-.23710	-.25788	-.27070	-.26429	-.24111
	GRADIENT	-.04808	-.03599	.01353	-.00021	.00124	.00026	.00164	.00217	.00190	.00218

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.900	-6.701	.33089	.24916	-.10018	.04331	-.26477	-.26045	-.28027	-.29338	-.28683	-.27463
.899	-4.620	.21543	.16530	-.05993	.04129	-.25163	-.25029	-.26342	-.27812	-.27327	-.26155
.901	-.450	.02348	.02155	-.01274	.03918	-.23656	-.23856	-.25108	-.25385	-.25246	-.25129
.900	3.705	-.16409	-.12216	.03564	.04188	-.25311	-.25622	-.26735	-.27521	-.27128	-.26747
.900	5.790	-.28918	-.21173	.07923	.04378	-.26749	-.26578	-.28013	-.28838	-.28426	-.27589
	GRADIENT	-.04559	-.03453	.01148	.00007	-.00018	-.00071	.00013	.00035	.00024	-.00071

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV10) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SO77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.949	-6.720	.31423	.23846	-.09366	.04851	-.29974	-.28731	-.30552	-.32250	-.31401	-.30513
.949	-4.640	.20157	.14947	-.04983	.04574	-.28325	-.27045	-.28940	-.30257	-.28598	-.28703
.950	-.456	.01843	.01551	-.00840	.04275	-.26647	-.25637	-.27261	-.27784	-.27522	-.26240
.950	3.721	-.16428	-.11918	.03373	.04446	-.27704	-.27069	-.28355	-.29089	-.28722	-.26988
.949	5.806	-.27673	-.20674	.07786	.04772	-.29800	-.28940	-.30230	-.30869	-.30549	-.28946
	GRADIENT	-.04376	-.03213	.00999	-.00015	.00074	-.00003	.00070	.00140	.00105	.00205

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.101	-6.755	.34540	.27404	-.13900	.05917	-.36638	-.34432	-.36824	-.38613	-.37719	-.37551
1.098	-4.652	.22652	.17763	-.08332	.05642	-.35058	-.33068	-.35378	-.37284	-.36331	-.35414
1.097	-.452	.01243	.00838	-.00242	.05516	-.34651	-.33111	-.34795	-.35732	-.35263	-.33336
1.099	3.729	-.19891	-.15504	.07355	.05469	-.34054	-.32988	-.34368	-.35415	-.34892	-.33487
1.101	5.833	-.31402	-.24699	.12604	.05579	-.34683	-.33628	-.35547	-.36928	-.36237	-.34269
	GRADIENT	-.05076	-.03969	.01872	-.00021	.00120	.00010	.00121	.00223	.00172	.00230

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.149	-6.766	.35179	.27832	-.14654	.05813	-.35995	-.33548	-.36183	-.37603	-.36893	-.37105
1.152	-4.654	.23218	.18192	-.09001	.05557	-.34569	-.32332	-.34837	-.36365	-.35601	-.34994
1.151	-.451	.01039	.00613	-.00165	.05210	-.32622	-.31115	-.32843	-.34070	-.33456	-.31806
1.148	3.735	-.20592	-.16169	.08062	.05193	-.32299	-.31293	-.32762	-.33755	-.33259	-.31871
1.149	5.836	-.31745	-.25054	.13090	.05165	-.32017	-.31056	-.32799	-.33897	-.33348	-.31961
	GRADIENT	-.05221	-.04096	.02034	-.00043	.00271	.00124	.00247	.00311	.00279	.00372

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.247	-6.768	.34393	.27321	-.14865	.05444	-.33695	-.31470	-.33622	-.34928	-.34275	-.34754
1.251	-4.660	.22652	.17850	-.09181	.05319	-.33071	-.30709	-.32858	-.34054	-.33456	-.33711
1.251	-.453	.00719	.00398	-.00015	.04995	-.31199	-.29445	-.31241	-.32423	-.31832	-.30922
1.252	3.742	-.20413	-.16016	.08397	.04932	-.30622	-.29353	-.31088	-.32033	-.31560	-.30651
1.249	5.845	-.31532	-.24882	.13572	.04907	-.30369	-.29303	-.31195	-.32318	-.31757	-.30594
	GRADIENT	-.05126	-.04031	.02092	-.00046	.00292	.00160	.00211	.00241	.00226	.00364

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV11) (16 FEB 78)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-6.613	.32406	.23677	-.09242	.03934	-.24005	-.22853	-.25957	-.27940	-.26949	-.25646
.600	-4.534	.21161	.15770	-.05849	.03823	-.23464	-.22286	-.25198	-.26842	-.26020	-.24622
.600	-2.487	.09892	.07310	-.02435	.03533	-.22273	-.21475	-.23390	-.24258	-.23824	-.23214
.600	-.433	.00573	.00213	.00159	.03538	-.21617	-.21125	-.22799	-.23506	-.23153	-.22571
.600	1.624	-.07482	-.05753	.02031	.03575	-.21954	-.21460	-.23128	-.24064	-.23596	-.22528
.599	3.677	-.18199	-.13704	.05252	.03693	-.22780	-.22175	-.24179	-.25313	-.24746	-.23063
.600	5.726	-.30641	-.22581	.09145	.03877	-.23966	-.23239	-.25585	-.26807	-.26196	-.24158
	GRADIENT	-.04680	-.03507	.01299	-.00016	.00082	.00011	.00112	.00158	.00135	.00185

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.900	-6.705	.33406	.25389	-.10442	.04349	-.26515	-.26207	-.28156	-.29268	-.28712	-.27650
.900	-4.617	.21960	.17450	-.06847	.04146	-.25161	-.25224	-.26929	-.27746	-.27337	-.26391
.900	-2.526	.10518	.08563	-.03271	.04006	-.24099	-.24356	-.26034	-.26690	-.26362	-.25895
.899	-.460	.02366	.02464	-.01611	.03895	-.23419	-.23854	-.24986	-.25083	-.25034	-.25077
.899	1.621	-.05444	-.03198	-.00403	.03942	-.23753	-.24286	-.25004	-.25235	-.25119	-.25158
.899	3.707	-.16404	-.11910	.03257	.04194	-.25289	-.25629	-.26658	-.27380	-.27019	-.26914
.900	5.784	-.29038	-.21019	.07746	.04386	-.26711	-.26642	-.28043	-.28846	-.28444	-.27780
	GRADIENT	-.04458	-.03394	.01110	.00002	.00004	-.00036	.00075	.00105	.00090	-.00015

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV12) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.599	-5.737	.29492	.21316	-.08085	.03763	-.22880	-.21506	-.24346	-.27178	-.25912	-.24946
.599	-3.675	.17984	.13148	-.04712	.03538	-.22277	-.20852	-.23738	-.25884	-.24826	-.23777
.599	-1.611	.07013	.04902	-.01430	.03497	-.21443	-.20625	-.22527	-.23459	-.22993	-.22357
.600	.430	-.01413	-.01318	.00596	.03428	-.20984	-.20491	-.22197	-.22936	-.22591	-.21777
.600	2.484	-.10127	-.07728	.02807	.03498	-.21507	-.21117	-.23109	-.24371	-.23740	-.21895
.599	4.536	-.21757	-.16289	.06346	.03603	-.22184	-.21835	-.24025	-.25306	-.24666	-.22427
.601	6.604	-.33651	-.24645	.10027	.03665	-.22515	-.22207	-.24382	-.25666	-.25024	-.22901
	GRADIENT	-.04710	-.03486	.01285	-.00003	.00006	-.00120	-.00053	.00012	-.00021	.00154

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
.899	-5.817	.30354	.23212	-.09378	.04317	-.26427	-.25827	-.27693	-.29333	-.28513	-.27398
.899	-3.740	.18070	.14211	-.05274	.04142	-.25125	-.24973	-.26938	-.28417	-.27678	-.26557
.899	-1.653	.07379	.06017	-.02242	.03933	-.23440	-.24013	-.25937	-.26808	-.26373	-.25733
.900	.443	-.00284	.00322	-.01010	.03850	-.23009	-.23740	-.25095	-.25499	-.25297	-.24907
.901	2.517	-.08495	-.05678	.00563	.03955	-.23817	-.24290	-.25386	-.25686	-.25636	-.25334
.901	4.590	-.20773	-.15049	.04728	.04212	-.25529	-.25660	-.27278	-.28421	-.27850	-.26843
.900	6.691	-.32776	-.23740	.09167	.04399	-.26739	-.26652	-.28538	-.30059	-.29298	-.27918
	GRADIENT	-.04491	-.03370	.01095	.00003	-.00056	-.00079	-.00006	.00045	.00020	-.00008

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.097	-5.866	.30099	.23729	-.11703	.05515	-.34071	-.32146	-.33961	-.35567	-.34764	-.35100
1.098	-3.749	.18649	.14380	-.06529	.05289	-.32842	-.31104	-.32870	-.34179	-.33524	-.33154
1.100	-1.653	.07250	.05561	-.02389	.05248	-.32723	-.31010	-.33012	-.34388	-.33700	-.32536
1.102	.439	-.02312	-.01953	.00997	.05400	-.33756	-.32371	-.34009	-.34849	-.34429	-.32977
1.100	2.558	-.12611	-.09814	.04446	.05205	-.32547	-.31360	-.33006	-.34097	-.33551	-.31651
1.102	4.627	-.24049	-.18779	.09063	.05250	-.32569	-.31717	-.33402	-.34529	-.33966	-.32136
1.098	6.736	-.34535	-.27012	.13629	.05392	-.33538	-.32383	-.34390	-.35641	-.35015	-.33176
	GRADIENT	-.05021	-.03897	.01813	-.00006	.00025	-.00075	-.00050	-.00019	-.00035	.00140

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV12) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
1.248	-5.878	.30783	.24210	-.12845	.05047	-.31243	-.29377	-.31201	-.32389	-.31795	-.32058
1.249	-3.772	.18970	.14698	-.07286	.04873	-.30344	-.28482	-.30334	-.31427	-.30881	-.30538
1.250	-1.649	.06825	.05386	-.02592	.04811	-.30055	-.28141	-.29976	-.30861	-.30419	-.29945
1.250	.438	-.02738	-.02294	.01339	.04727	-.23546	-.27625	-.29463	-.30554	-.30009	-.29428
1.252	2.552	-.12828	-.10226	.05441	.04765	-.29781	-.28378	-.30069	-.31044	-.30557	-.29682
1.251	4.631	-.24043	-.18889	.09925	.04691	-.29163	-.27880	-.29770	-.30828	-.30299	-.29127
1.250	6.748	-.34783	-.27391	.14988	.04837	-.30006	-.28580	-.30893	-.32100	-.31496	-.30283
	GRADIENT	-.05031	-.03941	.02021	-.00019	.00125	.00046	.00049	.00048	.00049	.00147

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV13) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.939	-5.946	.28372	.21447	-.08496	.04227	-.25419	-.24432	-.28026	-.29738	-.28882	-.28309
-7.989	-3.937	.16877	.12989	-.05065	.04130	-.25033	-.23762	-.27341	-.28839	-.28090	-.27404
-7.996	-.009	-.02036	-.01709	.00707	.03810	-.22920	-.22495	-.25069	-.25949	-.25509	-.25136
-7.961	3.990	-.22591	-.17052	.06748	.03984	-.23999	-.23636	-.26631	-.28278	-.27455	-.26143
-7.975	6.023	-.34602	-.25473	.10385	.04166	-.25206	-.24680	-.27653	-.29070	-.28361	-.27162
	GRADIENT	-.04979	-.03790	.01490	-.00018	.00129	.00015	.00088	.00069	.00078	.00158

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.969	-6.002	.29031	.21572	-.08396	.04114	-.24853	-.23455	-.27285	-.29755	-.28520	-.27591
-3.972	-4.026	.17840	.13415	-.05046	.03991	-.24382	-.22803	-.26425	-.28331	-.27378	-.26253
-3.967	-.003	-.01275	-.01171	.00463	.03662	-.22205	-.21056	-.23797	-.24740	-.24268	-.23832
-3.944	3.974	-.20379	-.15349	.05938	.03834	-.23357	-.22017	-.25642	-.27155	-.26399	-.24551
-3.922	5.947	-.32243	-.23751	.09599	.03949	-.24002	-.23575	-.26373	-.27948	-.27161	-.25409
	GRADIENT	-.04778	-.03596	.01373	-.00020	.00129	-.00014	.00099	.00148	.00124	.00213

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV13) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.069	-6.610	.32998	.23851	-.09236	.03954	-.24071	-.23079	-.26172	-.28294	-.27233	-.25788
-.049	-4.558	.21642	.15866	-.05815	.03871	-.23789	-.22718	-.25519	-.27135	-.26327	-.24745
-.022	-.445	.01119	.00299	.00235	.03544	-.21648	-.21373	-.22820	-.23581	-.23201	-.22448
-.005	3.660	-.17868	-.13709	.05307	.03699	-.22772	-.22507	-.24175	-.25351	-.24763	-.22956
.000	5.721	-.30356	-.22526	.09144	.03897	-.24041	-.23710	-.25788	-.27070	-.26429	-.24111
	GRADIENT	-.04808	-.03599	.01353	-.00021	.00124	.00026	.00164	.00217	.00190	.00218

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.056	-5.955	.26984	.21156	-.06171	.03729	-.22722	-.20901	-.24324	-.27212	-.25768	-.24952
4.027	-3.979	.17759	.13139	-.04646	.03570	-.21892	-.20030	-.23079	-.25577	-.24323	-.23619
4.061	.000	-.00134	-.00382	.00232	.03497	-.21669	-.19978	-.22518	-.24133	-.23326	-.22448
4.055	3.973	-.17908	-.13689	.04992	.03491	-.21630	-.20923	-.23063	-.24993	-.21028	-.21670
4.042	5.952	-.30286	-.22345	.08959	.03660	-.22731	-.22081	-.24377	-.26418	-.22398	-.22521
	GRADIENT	-.04486	-.03374	.01212	-.00010	.00033	-.00112	.00002	.00072	.00037	.00245

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV14) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-8.004	-6.045	.29760	.22061	-.08564	.04186	-.25194	-.24560	-.27742	-.29369	-.28555	-.27727
-7.928	-3.928	.17707	.13168	-.04931	.03995	-.24157	-.23389	-.25979	-.27161	-.26570	-.26282
-7.930	-.020	-.01336	-.01536	.00809	.03763	-.22689	-.22584	-.24783	-.25635	-.25209	-.24456
-7.921	4.045	-.22026	-.16967	.06850	.03938	-.23795	-.23730	-.26322	-.27978	-.27150	-.25422
-7.976	5.984	-.33599	-.25091	.10311	.04115	-.24903	-.24732	-.27317	-.28790	-.28053	-.26552
	GRADIENT	-.04984	-.03780	.01478	-.00007	.00043	-.00044	-.00045	-.00106	-.00075	.00106

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV14) (18 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.972	-5.993	.29574	.21666	-.08293	.04079	-.24681	-.23658	-.27126	-.29383	-.28254	-.26988
-3.918	-3.981	.18072	.13286	-.04821	.03959	-.24221	-.23071	-.26308	-.27955	-.27[illegible]31	-.25633
-4.016	-.009	-.00642	-.00960	.00561	.03607	-.21910	-.21758	-.23471	-.24378	-.23924	-.23072
-3.947	3.972	-.19829	-.15229	.06059	.03780	-.23090	-.23019	-.25238	-.26654	-.25946	-.23785
-3.941	5.964	-.31835	-.23724	.09706	.03909	-.23809	-.23795	-.26160	-.27564	-.26862	-.24728
	GRADIENT	-.04765	-.03585	.01368	-.00022	.00142	.00006	.00134	.00163	.00149	.00232

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.069	-6.610	.32998	.23851	-.09236	.03954	-.24071	-.23079	-.26172	-.28294	-.27233	-.25788
-.049	-4.558	.21642	.15866	-.05815	.03871	-.23789	-.22718	-.25519	-.27135	-.26327	-.24745
-.022	-.445	.01119	.00299	.00235	.03544	-.21648	-.21373	-.22820	-.23581	-.23201	-.22448
-.005	3.660	-.17868	-.13709	.05307	.03699	-.22772	-.22507	-.24175	-.25351	-.24763	-.22956
.000	5.721	-.30356	-.22526	.09144	.03897	-.24041	-.23710	-.25788	-.27070	-.26429	-.24111
	GRADIENT	-.04808	-.03599	.01353	-.00021	.00124	.00026	.00164	.00217	.00190	.00218

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.066	-5.937	.29184	.21117	-.07992	.03688	-.22516	-.21159	-.24141	-.26831	-.25486	-.24211
4.052	-4.000	.18336	.13385	-.04559	.03557	-.21840	-.20503	-.23076	-.25408	-.24242	-.23072
4.039	-.012	.00181	-.00349	.00379	.03462	-.21459	-.20301	-.22362	-.23801	-.23082	-.21813
4.052	3.984	-.17330	-.13452	.05056	.03457	-.21493	-.21172	-.22840	-.24495	-.23667	-.20973
4.069	5.990	-.30143	-.22448	.09212	.03641	-.22662	-.22427	-.24292	-.26068	-.25180	-.21945
	GRADIENT	-.04467	-.03361	.01209	-.00013	.00043	-.00084	.00029	.00114	.00072	.00263

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV15) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.979	-5.948	.30159	.22751	-.09012	.04767	-.29050	-.28203	-.30697	-.31592	-.31144	-.30738
-7.962	-3.922	.17828	.13189	-.04490	.04575	-.27668	-.27249	-.29948	-.30905	-.30427	-.29743
-7.979	-.002	-.00132	.00229	-.00846	.04289	-.26021	-.25710	-.27448	-.27715	-.27581	-.27603
-7.973	3.978	-.20616	-.15012	.04599	.04655	-.28476	-.27932	-.29824	-.30313	-.30069	-.29753
-7.954	6.002	-.33066	-.24011	.09124	.04824	-.29584	-.28844	-.30535	-.30700	-.30618	-.30540
	GRADIENT	-.04867	-.03570	.01151	.00012	-.00104	-.00088	.00014	.00073	.00044	-.00003

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.998	-6.036	.30136	.22621	-.08887	.04475	-.27325	-.26542	-.28871	-.30347	-.29609	-.28705
-3.967	-4.023	.18183	.13675	-.04737	.04285	-.25939	-.25674	-.28062	-.29520	-.28791	-.27700
-3.984	-.005	.00642	.00741	-.00955	.04005	-.24290	-.24240	-.25626	-.26291	-.26058	-.25628
-3.958	3.991	-.18644	-.13547	.04062	.04398	-.26745	-.26526	-.28738	-.29908	-.29323	-.28082
-3.926	5.948	-.30688	-.22326	.08405	.04576	-.27932	-.27500	-.29801	-.31316	-.30558	-.29095
	GRADIENT	-.04595	-.03397	.01098	.00014	-.00100	-.00106	-.00084	-.00048	-.00066	-.00047

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.116	-6.701	.33089	.24916	-.10018	.04331	-.26477	-.26045	-.28027	-.29338	-.28683	-.27463
-.090	-4.620	.21543	.16530	-.05993	.04129	-.25163	-.25029	-.26842	-.27812	-.27327	-.26155
-.058	-.450	.02348	.02155	-.01274	.03918	-.23656	-.23866	-.25108	-.25385	-.25246	-.25129
-.047	3.705	-.16409	-.12216	.03564	.04188	-.25311	-.25622	-.26735	-.27521	-.27128	-.26747
-.048	5.790	-.28918	-.21173	.07923	.04378	-.26749	-.26578	-.28013	-.28838	-.28426	-.27589
	GRADIENT	-.04559	-.03453	.01148	.00007	-.00018	-.00071	.00013	.00035	.00024	-.00071

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.068	-5.958	.26097	.20258	-.07114	.04190	-.25464	-.25196	-.27107	-.28220	-.27664	-.26827
4.033	-3.972	.15637	.12632	-.03611	.04001	-.24464	-.23892	-.25514	-.26324	-.25919	-.25496
4.036	-.006	.01168	.01112	-.00953	.03917	-.23985	-.23713	-.25470	-.26416	-.25943	-.24652
4.038	3.970	-.16459	-.12678	.03633	.04138	-.25132	-.24860	-.26587	-.27402	-.26995	-.26546
4.025	5.934	-.27243	-.20763	.07690	.04449	-.27132	-.26694	-.28597	-.29749	-.29173	-.28374
	GRADIENT	-.04041	-.03187	.00912	.00017	-.00084	-.00122	-.00135	-.00136	-.00136	-.00132

IA183,ALPHA-BETA UNCORR FLOW ANG 'V TAIL) (X4QV16) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-8.011	-6.031	.30310	.22935	-.09184	.05223	-.32294	-.31096	-.33189	-.33696	-.33443	-.32702
-7.974	-4.016	.18168	.13544	-.04683	.04930	-.30475	-.29301	-.31645	-.32254	-.31949	-.30910
-7.986	-.018	-.00418	.00191	-.00944	.04556	-.28314	-.27425	-.29221	-.29489	-.29355	-.28039
-7.952	3.990	-.21411	-.15783	.05274	.04964	-.30898	-.29761	-.31273	-.31526	-.31400	-.30553
-7.942	5.994	-.33765	-.25254	.10308	.05222	-.32447	-.31337	-.32711	-.32843	-.32777	-.32207
	GRADIENT	-.04944	-.03663	.01244	.00004	-.00053	-.00058	.00046	.00091	.00068	.00044

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.969	-5.996	.29289	.21954	-.08480	.05003	-.30929	-.29624	-.31757	-.33043	-.32400	-.31465
-4.014	-4.084	.17812	.12939	-.04031	.04684	-.28931	-.27561	-.29863	-.31215	-.30539	-.29620
-4.023	-.001	.00336	.00729	-.01060	.04301	-.26851	-.25804	-.27541	-.28083	-.27812	-.26320
-3.946	3.980	-.18891	-.13673	.04098	.04684	-.29250	-.28277	-.30081	-.31071	-.30576	-.28500
-3.940	5.974	-.30576	-.22630	.08700	.04983	-.31123	-.30072	-.31585	-.32159	-.31872	-.30326
	GRADIENT	-.04551	-.03299	.01007	-.00000	-.00037	-.00087	-.00024	.00021	-.00002	.00142

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.117	-6.720	.31423	.23846	-.09366	.04851	-.29974	-.28731	-.30552	-.32250	-.31401	-.30513
-.093	-4.640	.20157	.14947	-.04983	.04574	-.28325	-.27045	-.28940	-.30257	-.29598	-.28703
-.065	-.456	.01843	.01551	-.00840	.04275	-.26647	-.25637	-.27261	-.27784	-.27522	-.26240
-.057	3.721	-.16428	-.11918	.03373	.04446	-.27704	-.27069	-.28355	-.29089	-.28722	-.26988
-.057	5.806	-.27673	-.20674	.07786	.04772	-.29800	-.28940	-.30230	-.30869	-.30549	-.28946
	GRADIENT	-.04376	-.03213	.00999	-.00015	.00074	-.00003	.00070	.00140	.00105	.00205

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.048	-5.935	.24535	.19498	-.07058	.04469	-.27695	-.26585	-.28028	-.28808	-.28418	-.27875
4.006	-3.945	.14080	.10834	-.02346	.04254	-.26468	-.25239	-.26634	-.27196	-.26915	-.26404
4.066	-.007	.00777	.00806	-.00696	.04301	-.26861	-.25764	-.27615	-.28579	-.28097	-.26334
4.032	3.976	-.14475	-.10985	.02841	.04374	-.27329	-.26444	-.27916	-.28825	-.28371	-.26575
4.023	5.925	-.24736	-.19182	.06747	.04723	-.29596	-.28484	-.30160	-.31519	-.30839	-.28589
	GRADIENT	-.03605	-.02755	.00718	.00015	-.00109	-.00152	-.00162	-.00205	-.00184	-.00022

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV17) (18 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-8.000	-6.068	.33266	.26487	-.13767	.06351	-.39208	-.37245	-.39285	-.40202	-.39743	-.40297
-7.955	-4.008	.19908	.15603	-.07573	.06120	-.39034	-.36008	-.38242	-.39303	-.38772	-.38301
-7.956	.004	-.02913	-.02390	.01218	.05662	-.35231	-.33720	-.35557	-.36477	-.36017	-.35046
-7.963	3.962	-.25531	-.20108	.10264	.05757	-.35524	-.34676	-.36142	-.36840	-.36491	-.35869
-7.955	6.015	-.37558	-.29605	.15684	.05991	-.36357	-.35526	-.36845	-.37422	-.37133	-.36658
	GRADIENT	-.05701	-.04480	.02238	-.00046	.00316	.00168	.00264	.00310	.00287	.00306

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.995	-6.022	.31474	.25006	-.12785	.06192	-.38477	-.35985	-.38616	-.39914	-.39265	-.39115
-3.976	-4.043	.19338	.15122	-.07216	.05975	-.37272	-.35079	-.37597	-.39021	-.38309	-.37193
-3.971	-.005	-.01992	-.01678	.00929	.05463	-.34081	-.32574	-.34532	-.35983	-.35257	-.33661
-3.953	3.969	-.22659	-.17860	.08889	.05418	-.33658	-.32895	-.34386	-.35450	-.34918	-.33155
-3.933	5.983	-.34048	-.26786	.13853	.05567	-.34480	-.33712	-.35459	-.36747	-.36103	-.34318
	GRADIENT	-.05242	-.04117	.02010	-.00070	.00452	.00273	.00402	.00447	.00424	.00505

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.150	-6.755	.34540	.27404	-.13900	.05917	-.36638	-.34432	-.36824	-.38613	-.37719	-.37551
-.126	-4.652	.22652	.17763	-.08332	.05642	-.35058	-.33068	-.35378	-.37284	-.36331	-.35414
-.095	-.452	.01243	.00838	-.00242	.05516	-.34651	-.33111	-.34795	-.35732	-.35263	-.33336
-.078	3.729	-.19891	-.15504	.07355	.05469	-.34054	-.32988	-.34368	-.35415	-.34892	-.33487
-.077	5.833	-.31402	-.24699	.12604	.05579	-.34683	-.33628	-.35547	-.36928	-.36237	-.34269
	GRADIENT	-.05076	-.03969	.01872	-.00021	.00120	.00010	.00121	.00223	.00172	.00230

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.039	-5.962	.28035	.22231	-.10530	.05387	-.33489	-.31588	-.33363	-.34716	-.34040	-.33781
4.052	-3.995	.17407	.13645	-.05949	.05354	-.33373	-.31347	-.33303	-.34915	-.34109	-.33440
4.048	-.004	-.00743	-.00737	.00371	.05436	-.34230	-.31936	-.34418	-.35788	-.35103	-.33247
4.050	3.983	-.19123	-.15158	.06955	.05522	-.34489	-.32663	-.34623	-.35916	-.35269	-.34115
4.034	5.935	-.29361	-.23278	.11537	.05679	-.35499	-.33638	-.35691	-.36884	-.36287	-.35001
	GRADIENT	-.04579	-.03610	.01617	.00021	-.00140	-.00165	-.00165	-.00125	-.00145	-.00085

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV18) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.967	-5.953	.32257	.25685	-.13563	.06057	-.37316	-.35324	-.37390	-.38151	-.37771	-.38726
-7.968	-4.000	.19748	.15445	-.07671	.05741	-.35586	-.33583	-.35767	-.36508	-.36137	-.36273
-7.996	.002	-.03158	-.02558	.01311	.05359	-.33302	-.31620	-.33658	-.34613	-.34138	-.33470
-7.976	3.986	-.25737	-.20265	.10550	.05484	-.33757	-.32909	-.34537	-.35208	-.34873	-.34409
-7.937	5.987	-.37762	-.29785	.16167	.05635	-.34706	-.33860	-.35424	-.35826	-.35625	-.35293
	GRADIENT	-.05696	-.04472	.02282	-.00032	.00227	.00085	.00154	.00163	.00159	.00234

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-3.974	-5.997	.31197	.24752	-.12943	.05764	-.35728	-.33524	-.35934	-.37190	-.36562	-.36547
-4.012	-4.080	.19550	.15285	-.07514	.05571	-.34660	-.32606	-.34910	-.36185	-.35547	-.34920
-3.984	.086	-.02592	-.02143	.01122	.05251	-.32744	-.31149	-.33179	-.34454	-.33816	-.32474
-3.974	4.003	-.23051	-.18120	.09302	.05178	-.32040	-.31184	-.32885	-.34039	-.33462	-.32094
-3.991	6.054	-.34674	-.27312	.14517	.05324	-.32661	-.31947	-.34142	-.35651	-.34897	-.33235
	GRADIENT	-.05271	-.04133	.02080	-.00049	.00326	.00178	.00252	.00267	.00260	.00352

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.149	-6.766	.35179	.27832	-.14654	.05813	-.35995	-.33548	-.36183	-.37603	-.36893	-.37105
-.124	-4.654	.23218	.18192	-.09001	.05557	-.34569	-.32332	-.34837	-.36365	-.35601	-.34994
-.095	-.451	.01039	.00613	-.00165	.05210	-.32622	-.31115	-.32843	-.34070	-.33456	-.31806
-.086	3.735	-.20582	-.16169	.08062	.05193	-.32299	-.31293	-.32762	-.33755	-.33259	-.31871
-.091	5.836	-.31745	-.25054	.13090	.05165	-.32017	-.31056	-.32799	-.33897	-.33348	-.31961
	GRADIENT	-.05221	-.04096	.02034	-.00043	.00271	.00124	.00247	.00311	.00279	.00372

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.073	-5.944	.28713	.22781	-.11308	.05184	-.32251	-.30137	-.32235	-.33607	-.32921	-.32666
4.034	-3.975	.18101	.14142	-.06495	.05081	-.31663	-.29571	-.31642	-.33108	-.32375	-.31892
4.049	-.008	-.01152	-.01064	.00634	.05207	-.32784	-.30525	-.33009	-.34294	-.33652	-.31906
4.051	3.986	-.20162	-.15989	.07731	.05094	-.31888	-.30169	-.32296	-.33588	-.32942	-.31317
4.020	5.914	-.30078	-.23955	.12269	.05223	-.32654	-.30939	-.33135	-.34356	-.33746	-.32274
	GRADIENT	-.04806	-.03785	.01787	.00002	-.00028	-.00075	-.00082	-.00060	-.00071	.00072

IA183,ALPHA-BETA UNCORR FLOW ANG (V TAIL) (X4QV19) (16 FEB 79)

REFERENCE DATA

SREF = 413.2500 SQ.FT. XMRP = 1414.3000 IN. XO
LREF = 199.8000 INCHES YMRP = .0000 IN. YO
BREF = 199.8000 INCHES ZMRP = 503.0000 IN. ZO
SCALE = .0200 SO77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-7.925	-6.007	.33470	.26596	-.14450	.05606	-.34525	-.32625	-.34436	-.35190	-.34813	-.35931
-7.972	-3.997	.20633	.16262	-.08281	.05365	-.33106	-.31133	-.33212	-.33664	-.33438	-.34338
-7.971	-.007	-.02322	-.01957	.01157	.05126	-.31726	-.29976	-.32132	-.32865	-.32499	-.32458
-7.981	3.990	-.25512	-.20051	.10790	.05117	-.31559	-.30376	-.32203	-.32633	-.32418	-.32258
-7.962	5.995	-.37787	-.29644	.16585	.05305	-.32582	-.31520	-.33296	-.33610	-.33448	-.33645
	GRADIENT	-.05777	-.04546	.02388	-.00031	.00194	.00095	.00126	.00129	.00128	.00260

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-4.008	-6.054	.31744	.25208	-.13584	.05495	-.33945	-.31931	-.33868	-.34854	-.34361	-.35056
-3.965	-4.030	.19527	.15329	-.07731	.05229	-.32500	-.30372	-.32445	-.33209	-.32827	-.33020
-4.009	-.009	-.01652	-.01509	.00987	.05003	-.31130	-.29345	-.31336	-.32361	-.31849	-.31311
-3.948	4.001	-.22730	-.17921	.09524	.04893	-.30302	-.29222	-.30995	-.32089	-.31542	-.30470
-3.937	5.953	-.33840	-.26692	.14737	.05035	-.31131	-.30113	-.32140	-.33380	-.32760	-.31420
	GRADIENT	-.05262	-.04140	.02149	-.00042	.00274	.00143	.00181	.00139	.00160	.00318

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
-.142	-6.768	.34393	.27321	-.14865	.05444	-.33695	-.31470	-.33522	-.34928	-.34275	-.34754
-.112	-4.660	.22652	.17850	-.09181	.05319	-.33071	-.30709	-.32858	-.34054	-.33456	-.33711
-.076	-.453	.00719	.00398	-.00015	.04995	-.31199	-.29445	-.31241	-.32423	-.31832	-.30922
-.065	3.742	-.20413	-.16016	.08397	.04932	-.30622	-.29363	-.31088	-.32033	-.31560	-.30651
-.069	5.845	-.31532	-.24882	.13572	.04907	-.30369	-.29303	-.31195	-.32318	-.31757	-.30594
	GRADIENT	-.05126	-.04031	.02092	-.00046	.00292	.00160	.00211	.00241	.00226	.00364

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CSVT	CBVT	CTVT	CABO	CP302	CP325	CP405	CP413	CP2	CP319
4.079	-5.988	.29841	.23449	-.12274	.04978	-.31095	-.28893	-.31219	-.32670	-.31945	-.31170
4.060	-4.005	.19183	.14871	-.07285	.04999	-.31329	-.29166	-.31531	-.33085	-.32318	-.31000
4.063	-.011	-.01014	-.00900	.00561	.04853	-.30316	-.28173	-.30364	-.31639	-.31002	-.30370
4.041	3.977	-.20456	-.15979	.08213	.04839	-.30212	-.28566	-.30881	-.32152	-.31516	-.29888
4.021	5.940	-.30334	-.23945	.12950	.04933	-.30672	-.29049	-.31335	-.32601	-.31968	-.30816
	GRADIENT	-.04966	-.03865	.01942	-.00020	.00140	.00063	.00084	.00117	.00100	.00139

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
.599	-7.994	-8.03868	-8.04806	1451.17000	1452.17999	1443.16000	1440.34000	1443.88000	386.99100	1962.70000	1539.71001
.600	-6.014	-6.00356	-6.00916	1451.03999	1451.91000	1443.78000	1440.87000	1444.53999	387.12000	1961.10001	1537.92000
.601	-3.997	-3.92528	-3.92550	1451.57001	1452.53999	1445.22000	1442.17000	1446.20000	388.30300	1961.80000	1537.19000
.599	-1.999	-1.86698	-1.85954	1453.62000	1455.00000	1448.33000	1445.25999	1449.63000	386.43700	1960.39999	1539.03000
.600	-.034	.15665	.16500	1453.78999	1455.62000	1449.28000	1446.14999	1450.00999	387.54400	1961.39999	1537.71001
.600	2.012	2.24956	2.25723	1452.92000	1456.72000	1448.65001	1444.73000	1450.63000	387.89600	1962.20000	1538.10001
.599	3.983	4.28965	4.29668	1455.00000	1460.69000	1451.42999	1445.61000	1452.27000	386.70100	1961.00000	1538.32001
.600	5.989	6.36144	6.37270	1455.94000	1462.17999	1452.89999	1447.12000	1454.59000	387.72700	1962.10001	1538.20000
.600	8.024	8.45928	8.47311	1456.03999	1462.95000	1453.57001	1447.65001	1456.28999	387.81500	1962.30000	1538.30000
	GRADIENT	1.02884	1.02958	.31560	.90197	.64694	.31673	.65614	-.08716	.01041	.11681

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
.900	-8.010	-8.17055	-8.19446	790.56800	791.72600	781.08100	780.14400	779.44300	524.91600	1566.39999	926.50400
.898	-5.959	-6.02996	-6.04598	794.84500	795.05600	785.28100	783.28900	784.04200	523.10900	1563.20000	925.84400
.901	-4.040	-4.04035	-4.05020	793.68000	793.46500	784.34000	781.89700	784.50100	523.70300	1560.60001	921.84500
.900	-2.041	-1.98148	-1.98367	799.13800	797.31400	788.50400	785.54100	790.25300	523.73500	1562.20000	923.63800
.898	.017	.11965	.12195	803.48100	801.07000	791.52400	787.63100	792.76000	522.74100	1562.50000	925.65300
.899	2.020	2.19494	2.19415	801.19400	800.25900	790.75500	785.61200	792.15400	523.37300	1563.50000	925.73900
.900	4.011	4.30883	4.30475	798.08200	799.65500	789.67600	784.90900	792.74300	523.63500	1562.30000	923.83900
.900	5.972	6.35282	6.34603	795.36300	798.71800	788.17600	782.93400	791.95300	523.24500	1560.20000	922.15300
.900	7.996	8.42882	8.44042	791.62100	796.42100	785.71300	779.16200	791.66100	523.88700	1561.89999	923.03700
	GRADIENT	1.03524	1.03589	.52300	.78243	.66270	.30413	.91343	-.02014	.23359	.30364

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
.949	-8.025	-8.26638	-8.29733	707.08300	711.65400	701.46500	699.20600	705.64700	542.70900	1536.60001	860.36700
.951	-6.030	-6.17502	-6.19726	707.65000	712.46700	702.54900	699.65300	707.01700	541.69500	1532.39999	856.79600
.953	-3.953	-3.97763	-3.98490	708.65000	714.28700	704.42200	700.70000	709.34900	543.66700	1533.89999	855.36600
.950	-2.004	-1.92084	-1.91916	715.32200	721.05400	710.66600	706.23000	717.28500	542.38100	1534.70000	858.67900
.952	.011	.17743	.18160	712.61600	718.42800	708.08700	702.75500	714.90200	543.47500	1535.10001	857.16300
.950	2.009	2.20681	2.20762	717.04900	722.36200	712.04300	706.66600	717.67600	542.59400	1535.60001	859.37300
.948	4.025	4.30403	4.30425	717.95700	723.30900	712.99200	707.05100	718.52500	541.70800	1535.60001	860.98400
.949	5.996	6.38259	6.38703	712.55900	719.29500	708.62700	702.52100	715.00700	541.97200	1535.00000	859.78300
.949	7.970	8.39848	8.41226	709.62200	717.34900	706.90100	701.88100	714.59300	541.42600	1534.10001	859.69500
	GRADIENT	1.03613	1.03683	1.01581	.90614	.91450	.65213	.93470	-.18522	.21498	.59642

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP01) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.100	-8.000	-8.32566	-8.35713	486.87800	495.01900	484.51900	480.35200	465.65900	589.05200	1484.60001	695.02100
1.099	-6.032	-6.21644	-6.23684	490.06900	499.93200	487.78100	480.17900	489.83000	586.99000	1480.20000	693.76100
1.102	-3.958	-4.00127	-4.01492	491.14600	500.57600	488.12100	479.51200	491.63900	588.14900	1480.70000	691.55700
1.099	-1.977	-1.90426	-1.90277	494.79200	504.40700	492.17200	483.61500	497.13900	586.89200	1480.10001	693.86200
1.099	-.017	.16648	.17549	490.46400	499.57300	489.27100	484.18900	496.21700	585.49500	1476.70000	692.39300
1.099	1.983	2.26405	2.27425	491.78100	502.69000	490.47100	483.97000	498.33900	587.20200	1480.89999	694.25500
1.100	4.002	4.37361	4.38046	491.30100	504.68300	489.38300	481.19100	495.68400	587.55500	1481.30000	693.95100
1.101	6.019	6.41563	6.42396	491.19300	504.31400	488.33300	480.86300	496.13900	587.50300	1480.20000	692.46100
1.102	7.976	8.44227	8.45205	482.75300	496.65100	480.22300	474.24300	489.01600	587.95600	1480.10001	691.16300
	GRADIENT	1.05220	1.05469	-.13519	.32969	.04107	.18394	.46516	-.04274	.10314	.26073

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.251	9.325	-9.72204	-9.75451	367.56100	378.26600	364.59300	361.19300	361.55200	620.83300	1469.80000	566.46900
1.251	-7.116	-7.34536	-7.36333	370.21800	381.42900	368.23300	362.91500	365.59000	621.11600	1470.39999	566.56500
1.251	-4.846	-4.91818	-4.92585	372.44700	383.84700	370.97800	364.65700	371.06600	621.20400	1470.70000	566.86100
1.249	-2.662	-2.57961	-2.57262	379.61500	390.36700	379.04300	372.93600	379.11400	621.09300	1471.20000	568.54400
1.249	-.520	-.26637	-.24519	383.55500	395.49700	384.66700	378.38200	382.79500	620.90000	1471.00000	568.94200
1.249	1.618	2.01780	2.03971	380.41900	393.10900	381.66400	375.09300	380.40100	621.10400	1471.39999	568.94000
1.251	3.789	4.26958	4.28716	378.25000	391.66000	378.10900	370.21900	378.05700	621.61700	1471.60001	567.05400
1.252	5.875	6.38155	6.39505	377.68400	390.19400	376.71300	369.24900	377.84500	621.81800	1471.70000	566.35900
1.250	8.070	8.66179	8.67051	375.39500	389.23600	374.44700	366.84900	377.46000	621.14700	1471.10001	568.04900
	GRADIENT	1.06603	1.06906	.57762	.85369	.78507	.61796	.71038	.03902	.09289	.03651

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP02) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
.601	-8.791	-8.85916	-8.86823	1449.45000	1449.52000	1440.35001	1438.16000	1441.07001	388.59900	1963.70000	1538.78000
.600	-4.601	-4.55172	-4.55218	1450.12000	1450.39000	1443.05000	1440.19000	1444.03000	387.86300	1960.80000	1536.70000
.600	-2.586	-2.47554	-2.47009	1450.78999	1451.53000	1444.76999	1441.86000	1446.17000	386.56300	1958.70000	1536.14000
.600	-.408	-.23206	-.22302	1451.07001	1452.62000	1446.17000	1443.17999	1447.25999	386.72700	1958.60001	1535.83000
.600	1 636	1.86155	1.87036	1450.35001	1453.17000	1446.19000	1442.64999	1447.76000	386.73400	1958.89999	1536.13000
.600	3.686	3.98122	3.98837	1453.03999	1458.12000	1449.14000	1443.94000	1450.17000	387.70600	1961.20000	1537.30000
.599	7.886	8.31509	8.32857	1456.33000	1462.83000	1453.52000	1447.92999	1455.83000	387.06100	1962.10001	1539.00999
	GRADIENT	1.02917	1.03007	.25864	.82057	.65236	.39880	.66704	-.00676	.04758	.05655

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.099	-7.963	-8.28728	-8.31733	487.56000	495.25500	485.03600	481.04000	486.32900	587.08500	1480.70000	694.25700
1.101	-5.991	-6.17298	-6.19375	490.71800	501.03200	488.50700	480.74000	490.43700	589.31000	1484.30000	693.92400
1.099	-3.959	-4.00892	-4.02111	493.70700	503.09000	490.69300	482.16100	494.20000	587.69300	1482.00000	694.64500
1.102	-2.023	-1.94905	-1.94806	493.33000	503.17300	490.82800	481.97600	495.36100	588.49900	1481.50000	691.85000
1.101	-.006	.18127	.19050	491.59100	501.01300	490.41500	485.22300	497.43900	589.46500	1484.70000	694.12000
1.099	1.995	2.27918	2.28954	491.37700	502.46500	490.07700	483.47400	497.80600	586.50000	1479.70000	694.26600
1.099	4.002	4.37078	4.37786	492.38100	505.76900	490.54600	482.58700	495.98400	586.95500	1480.99999	694.85400
1.099	5.965	6.35918	6.36741	492.68100	505.93300	489.57500	481.98500	497.37300	587.54900	1482.10001	695.14400
1.099	8.023	8.48905	8.49814	486.65700	500.56700	484.38200	478.41900	493.00500	587.51300	1481.70000	694.64700
	GRADIENT	1.05244	1.05483	-.23057	.23423	-.05278	.11749	.40047	-.17391	-.20100	.14443

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.251	-9.288	-9.68266	-9.71423	367.41200	378.25000	364.63100	361.17700	361.58500	621.37700	1471.00000	566.76000
1.250	-7.046	-7.27080	-7.28788	371.55200	382.94500	369.65200	364.25000	367.96700	621.46600	1471.60001	567.74800
1.248	-4.868	-4.94111	-4.94796	375.33300	387.04700	373.87300	367.67700	373.77800	621.16800	1472.00000	570.02800
1.249	-2.715	-2.63505	-2.62794	378.80500	389.89300	378.22400	372.03000	378.27100	621.30700	1471.80000	568.93800
1.251	-.515	-.25889	-.23709	381.44900	393.56600	382.54000	375.27100	380.72000	621.84300	1472.30000	567.64500
1.252	1.652	2.05928	2.08072	378.58400	391.63500	379.79000	373.21300	378.59900	622.03100	1472.50000	567.24700
1.251	3.732	4.21332	4.23115	380.10100	393.56100	379.98000	372.12100	379.99900	621.85800	1472.50000	568.04100
1.250	5.901	6.40897	6.42175	379.66000	392.39400	378.69500	371.35900	380.04500	621.34300	1471.70000	568.54100
1.249	8.070	8.65950	8.66784	375.35400	389.23500	374.38700	366.93800	377.51700	621.15400	1471.50000	568.93900
	GRADIENT	1.06662	1.06959	.43306	.68731	.64237	.47145	.59113	.09804	.07906	-.26433

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.251	-8.019	-8.31680	-8.34434	372.34600	383.32800	353.76300	365.82800	367.81700	622.46000	1473.89999	568.52900
1.251	-6.023	-6.17240	-6.18989	371.63900	383.43500	359.96600	354.67400	369.19500	621.85700	1472.20000	567.34800
1.250	-3.962	-3.96308	-3.96478	376.56100	388.10300	375.35300	369.34300	375.78900	622.25800	1473.50000	568.53100
1.249	-1.993	-1.85440	-1.84156	383.73100	394.89300	383.82500	378.12200	382.83000	622.38200	1474.30000	569.81600
1.253	-.032	.27263	.29435	380.57600	392.91600	382.03400	375.91400	379.68000	622.56400	1473.30000	566.64800
1.249	1.999	2.42318	2.44241	382.35200	395.18600	383.29400	376.83200	382.21200	621.11800	1471.30000	568.64300
1.253	3.974	4.44263	4.46072	378.70500	391.25900	378.43500	370.56200	378.22800	622.49200	1473.20000	566.74700
1.249	5.982	6.49449	6.50732	382.19500	394.16300	381.35500	374.05200	381.89400	622.26500	1474.20000	570.11500
1.248	7.987	8.57305	8.58114	375.99200	389.50900	375.00300	367.64000	378.58800	620.46300	1470.39999	569.54100
	GRADIENT	1.06167	1.06397	.14518	.33101	.27792	.05504	.21306	-.04073	-.18206	-.23756

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.102	-7.970	-8.28851	-8.32008	485.29200	494.46100	483.04600	478.03700	484.32700	588.90400	1483.00000	693.03600
1.098	-6.018	-6.20478	-6.22387	492.88900	502.53100	490.43000	482.95400	492.52400	587.85200	1483.70000	696.72900
1.100	-4.019	-4.06929	-4.08223	494.16600	503.64000	491.23400	482.68700	494.35000	588.46900	1483.39999	694.73200
1.098	-2.013	-1.94299	-1.94258	496.31900	505.75100	493.62300	485.13900	498.80600	587.13300	1482.00000	696.04400
1.099	-.034	.14898	.15736	492.51100	501.48200	491.16500	486.00700	497.73900	587.62600	1482.30000	695.24200
1.102	2.012	2.30007	2.31103	491.46600	502.60700	490.24000	483.43800	497.29400	587.89500	1480.60001	692.05800
1.102	3.981	4.35584	4.36336	490.78200	504.17400	488.95900	480.90400	495.06100	587.87500	1480.50000	691.95900
1.100	6.032	6.42981	6.43867	493.57600	506.56400	490.73400	483.15900	498.33900	587.96400	1482.20000	694.24300
1.101	7.976	8.44061	8.44941	485.86200	499.32200	483.31400	477.26400	492.33900	588.33800	1482.30000	693.44200
	GRADIENT	1.05342	1.05599	-.58019	-.10319	-.39624	-.26153	-.00411	-.02120	-.36017	-.47710

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.249	-9.288	-9.68209	-9.71247	369.67200	380.55600	366.88100	363.39300	364.02000	621.01600	1471.10001	568.64400
1.250	-7.072	-7.29045	-7.31124	372.46700	383.90500	370.51400	364.94000	369.70100	621.28500	1471.50000	568.34400
1.251	-4.857	-4.92582	-4.93402	372.08400	383.52600	370.59300	364.20100	370.62200	621.72600	1471.89999	567.25100
1.249	-2.729	-2.64808	-2.64235	379.27400	389.97600	378.68500	372.45500	378.73800	621.06000	1471.39999	569.13800
1.249	-.487	-.22549	-.20474	383.65500	395.66400	384.76600	378.61700	382.83500	621.18300	1471.60001	569.03800
1.251	1.604	2.00893	2.03081	379.93500	392.72000	381.16000	374.47900	379.77700	621.65300	1472.00000	567.74600
1.252	3.777	4.25467	4.27184	378.63300	391.77500	378.38800	370.47000	378.34500	621.91400	1472.10001	566.85300
1.251	5.863	6.36813	6.38058	378.48100	391.12400	377.56400	370.13400	378.60200	621.40300	1471.39999	567.55100
1.250	8.072	8.66160	8.67025	373.99500	387.87500	372.93500	365.39700	376.38400	620.96600	1470.70000	567.95200
	GRADIENT	1.06562	1.06872	.64132	.89550	.84170	.67997	.76701	.04544	.04623	-.10070

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.098	-7.969	-8.29101	-8.32112	488.67700	495.69300	486.24700	482.07300	487.52100	585.40800	1477.50000	693.78600
1.100	-6.020	-6.20283	-6.22370	492.11800	502.16800	489.81900	482.14000	492.01500	589.16300	1485.00000	695.31700
1.102	-4.010	-4.05836	-4.07206	492.06300	501.37400	489.03300	480.53500	492.49400	589.83500	1483.70000	693.82900
1.099	-2.007	-1.93469	-1.93425	495.90200	505.15700	492.97800	484.36500	498.16100	587.23700	1481.50000	695.04900
1.102	-.032	.15435	.16291	490.01900	499.39800	488.91500	483.93900	495.55000	588.10900	1480.89999	691.95500
1.101	2.013	2.30109	2.31207	491.87200	503.05700	490.52800	483.88700	493.37100	587.54000	1480.60001	692.95800
1.100	3.970	4.34359	4.35010	491.35800	504.61400	489.58400	481.61400	495.50600	586.65900	1479.30000	692.77000
1.102	5.984	6.38271	6.39071	491.69000	504.59000	488.92700	481.63500	496.58300	588.01100	1480.80000	692.05600
1.099	8.026	8.49362	8.50389	488.56400	502.02800	485.76700	479.65600	494.93900	587.66800	1482.10001	694.84400
	GRADIENT	1.05299	1.05554	-.27279	.22071	-.06612	.08475	.31430	-.22277	-.48513	-.14983

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.249	-9.260	-9.65121	-9.68158	369.24700	380.22100	366.50600	362.92200	363.77500	620.85700	1470.70000	568.44800
1.249	-7.075	-7.29412	-7.31272	373.14600	384.58500	371.16800	365.66600	369.55600	621.07400	1471.30000	568.84100
1.252	-4.862	-4.93119	-4.94001	371.59800	383.22100	370.18600	363.76200	370.08900	621.99900	1472.10001	566.45600
1.252	-2.733	-2.65082	-2.64472	377.63300	389.42600	377.16400	370.68000	377.18100	621.84900	1472.10001	567.15000
1.249	-.523	-.26553	-.24452	382.51400	394.67600	383.69300	377.42600	381.80900	621.53200	1472.20000	568.83600
1.249	1.659	2.06198	2.08230	381.27700	394.19500	382.46900	375.86400	381.21100	621.35000	1472.10001	569.43200
1.250	3.748	4.22548	4.24255	380.86000	394.23100	380.77200	373.01600	380.52200	621.56800	1472.10001	568.44000
1.251	5.866	6.37191	6.38499	378.94000	391.53900	378.05600	370.72900	378.92300	621.79200	1472.20000	567.64600
1.251	8.072	8.66456	8.67307	374.41200	388.20600	373.39300	365.85300	376.48300	621.53800	1471.70000	567.64800
	GRADIENT	1.06548	1.06854	1.02821	1.28892	1.22936	1.09293	1.15451	-.06333	.00004	.29089

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
.599	-7.969	-8.24978	-8.26875	1448.85001	1450.03999	1441.39000	1439.02000	1441.80999	386.59400	1960.00000	1537.42999
.600	-5.868	-6.09087	-6.10752	1450.49001	1451.64999	1443.78000	1441.37000	1444.96001	387.19200	1960.60001	1537.32001
.600	-3.760	-3.92068	-3.93272	1453.28000	1454.33000	1447.34000	1444.78000	1448.58000	387.38500	1961.70000	1538.21001
.600	-1.659	-1.75163	-1.76009	1455.62000	1456.84000	1450.24001	1447.56000	1451.87000	387.83200	1963.00000	1538.99001
.601	.383	.35240	.34497	1456.95000	1458.49001	1452.33000	1449.50000	1453.70000	389.37700	1964.89999	1539.06000
.600	2.488	2.50467	2.49574	1455.02000	1456.93000	1451.20000	1448.07001	1452.31000	386.83000	1959.39999	1536.53000
.599	4.564	4.64439	4.63514	1454.92000	1457.89000	1451.75999	1447.48000	1452.49001	386.03200	1957.39999	1535.45000
.601	6.664	6.81636	6.80808	1455.35001	1458.10001	1452.44000	1448.17000	1453.75000	387.89800	1958.80000	1534.61000
.600	8.764	8.97710	8.96912	1459.42000	1462.19000	1456.69000	1452.42999	1458.73000	387.12000	1961.10001	1537.92000
	GRADIENT	1.02848	1.02873	.12840	.34868	.47078	.28365	.39678	-.17918	-.58810	-.38415

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
.899	-8.197	-8.60935	-8.63831	783.95200	785.98700	777.95500	777.38900	774.21900	522.78300	1560.39999	923.16000
.899	-6.009	-6.31902	-6.34329	791.20300	791.94300	784.82700	784.75500	781.40900	522.93300	1561.39999	923.95300
.900	-3.868	-4.10011	-4.12044	795.06400	795.36500	789.33300	788.01600	787.18500	523.34500	1561.89999	923.94600
.901	-1.755	-1.92098	-1.93610	798.22400	797.85900	791.63300	789.60900	790.52400	524.25400	1562.60001	923.22900
.901	.393	.28594	.27348	800.35700	798.91500	793.04300	791.87400	791.79000	524.41500	1562.39999	922.72700
.901	2.521	2.48623	2.47036	800.59000	799.46200	792.95300	790.78000	792.11200	524.93000	1563.39999	923.01500
.901	4.636	4.71371	4.69276	801.11300	801.60500	793.54000	790.04400	794.11300	524.42100	1563.10001	923.52400
.901	6.756	6.91478	6.89779	800.26800	802.58400	793.19500	788.59200	794.90200	524.27500	1562.20000	922.73000
.902	8.913	9.14466	9.13290	795.05300	797.78700	788.62200	783.91200	793.50000	524.12300	1560.60001	921.13800
	GRADIENT	1.03538	1.03528	.67974	.67102	.45664	.24599	.72542	.13283	.15034	-.04982

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.097	-8.360	-8.97323	-9.02492	490.86400	497.07400	487.16900	483.76000	488.11500	597.34100	1483.10001	697.13400
1.098	-6.165	-6.62246	-6.66249	492.30100	497.48700	489.19200	484.12900	491.08000	586.98400	1481.00000	694.95400
1.098	-3.985	-4.28975	-4.32248	497.82800	505.24800	495.53100	488.15200	496.50600	585.71800	1478.30000	694.17800
1.101	-1.795	-1.96018	-1.99016	496.49400	503.87400	493.86200	485.74300	497.60400	587.23400	1479.20000	691.67100
1.101	.357	.31670	.30448	492.92200	501.54600	491.57700	486.25200	492.13500	587.52400	1480.10001	692.26200
1.103	2.523	2.59566	2.58646	493.93100	504.32000	492.66300	485.19800	497.90300	598.42300	1480.89999	691.15600
1.101	4.652	4.80600	4.79310	496.54200	508.19800	494.93700	486.59800	499.34800	598.16500	1481.39999	692.55100
1.102	6.786	6.96626	6.95347	497.59400	508.70700	494.55800	487.15100	501.07000	589.79700	1485.20000	694.01600
1.101	8.937	9.18995	9.18053	490.03800	502.02500	488.35700	483.30500	495.62800	587.92000	1481.60001	693.44800
	GRADIENT	1.05352	1.05586	-.23959	.29159	-.11224	-.17047	.27717	.23242	.36602	-.17586

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.251	-8.449	-9.05362	-9.10758	374.00500	381.22400	370.44200	366.90000	365.62400	621.37700	1471.00000	566.76000
1.251	-6.210	-6.65588	-6.69747	376.59500	385.44900	374.00600	368.60300	370.82200	621.19500	1470.60001	566.66300
1.251	-3.961	-4.24648	-4.27531	378.42900	387.65000	376.19300	359.90400	375.75000	621.16000	1470.70000	567.05900
1.249	-1.819	-1.95026	-1.96599	379.99800	389.25600	378.48200	371.64500	379.92200	620.79900	1470.50000	568.25000
1.249	.356	.39093	.39067	380.82500	391.62800	380.48000	372.93100	382.17400	620.47900	1470.00000	568.55100
1.249	2.528	2.70873	2.71284	379.89800	392.09400	380.09300	372.95100	382.18400	620.59500	1470.10001	568.25300
1.250	4.649	4.87854	4.88095	379.34300	391.26900	378.18700	370.05300	381.14100	620.77700	1470.20000	567.65700
1.251	6.797	7.08088	7.07763	378.87000	390.30400	376.72200	368.95300	381.72500	620.76100	1469.70000	566.56900
1.250	8.951	9.31501	9.30910	371.80500	384.77700	369.70700	361.93300	376.56000	619.97100	1468.39999	567.17100
	GRADIENT	1.06231	1.06613	.08078	.40602	.26054	.07553	.60551	-.04508	-.06504	.05577

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.248	-8.419	-9.01581	-9.07692	377.33300	384.27800	373.74500	370.74300	368.90600	621.59700	1472.80000	569.92400
1.247	-6.216	-6.64152	-6.68710	379.24400	387.86100	376.62600	371.89400	373.91700	621.44300	1472.80000	570.61800
1.249	-4.002	-4.26967	-4.30361	380.96400	390.04400	378.76000	372.66100	378.58900	622.20700	1474.00000	569.91700
1.250	-1.801	-1.91531	-1.93465	380.10200	389.22900	378.58000	371.95700	380.29400	621.59700	1472.20000	568.53900
1.249	.363	.41902	.41718	379.92900	390.72100	379.68900	372.54700	381.41500	621.28500	1471.80000	569.03700
1.252	2.532	2.72827	2.72947	378.06100	389.48100	377.95900	370.99200	380.65800	622.14000	1472.80000	567.44400
1.249	4.658	4.89631	4.89399	379.95000	390.65000	377.88500	370.04300	382.67500	621.39400	1472.10001	569.23300
1.251	6.811	7.11145	7.10621	379.13600	390.42700	377.17500	369.50500	382.12100	621.83500	1472.20000	567.44700
1.248	8.922	9.29973	9.29409	374.23300	386.43600	371.93500	354.79100	378.93200	620.38300	1470.20000	569.44300
	GRADIENT	1.06119	1.06507	-.18901	.06707	-.10916	-.30452	.39467	-.05009	-.14846	-.11495

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.549	-3.838	-3.81174	-3.81089	221.72500	232.75900	221.08900	220.43500	216.74400	657.44600	1543.30000	391.44600
1.549	-1.664	-1.47882	-1.46607	220.86500	233.10900	221.16300	220.83000	216.46700	657.65000	1543.89999	391.34400
1.550	-.565	-.28260	-.26140	219.33610	231.93300	219.70800	219.16000	214.77200	657.43800	1543.60001	390.84900
1.550	.535	.91350	.93847	219.01300	231.87800	219.60200	218.43000	214.36300	657.08200	1542.70000	390.75400
1.549	2.698	3.22485	3.25397	218.71000	231.66300	219.66500	216.75100	214.10800	656.69000	1541.60001	390.85800
1.550	4.849	5.45118	5.47818	225.67800	235.86900	226.56100	223.00300	223.62800	656.51600	1541.39999	390.36300
1.550	5.902	6.55363	6.58094	226.48400	236.21000	226.77300	222.71400	225.83800	656.21400	1540.70000	390.16800
	GRADIENT	1.06851	1.07157	.29141	.23468	.45903	.05906	.55371	-.13389	-.29407	-.11764

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAO	ALFLSU	ALFRSU	P302	P325	P405	P413	P319	Q	PT	P
1.550	-6.236	-6.60160	-6.62529	223.33100	232.28900	221.98500	221.58600	214.09500	656.70300	1541.89999	390.36100
1.549	-4.043	-4.26569	-4.28232	224.87000	233.63200	223.54000	222.54600	218.14700	657.04700	1542.50000	390.95300
1.550	-1.850	-1.91036	-1.91699	223.86300	234.41800	223.54400	222.34100	219.27600	657.57300	1543.80000	391.14600
1.550	.345	.47589	.48097	222.84700	233.93700	223.11400	221.56900	217.91400	657.21400	1543.00000	390.85200
1.550	2.531	2.83169	2.84331	222.85800	234.94800	223.61800	221.27300	218.99900	657.55300	1543.80000	391.04600
1.549	4.669	5.03494	5.04066	230.21100	239.69400	230.20200	224.92900	230.19700	657.31100	1543.10001	391.14900
1.552	5.739	6.15186	6.15464	229.63800	237.79200	228.49000	221.93100	230.43200	656.99300	1543.00000	389.76100
	GRADIENT	1.07067	1.07356	.44443	.57539	.61122	.16763	1.08717	.02344	.05545	.01331

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.600	-6.610	-6.47944	-6.60749	1443.53000	1447.37000	1435.39000	1427.16000	1436.87000	387.52200	1960.50000	1536.81000
.600	-4.558	-4.41788	-4.53961	1444.94000	1449.09000	1438.24001	1431.90000	1441.24001	387.44400	1960.70000	1537.11000
.600	-.445	-.28905	-.40906	1453.33000	1454.39999	1448.76999	1445.83000	1450.23000	387.87700	1961.39999	1537.30000
.601	3.660	3.82789	3.70182	1448.60001	1449.63000	1443.14999	1438.58000	1447.89000	388.55800	1962.00000	1537.08000
.600	5.721	5.89880	5.76968	1444.46001	1445.74001	1437.69000	1432.73000	1444.19000	387.45600	1961.20000	1537.61000
	GRADIENT	1.00335	1.00282	.44584	.06608	.59805	.80388	.80980	.13554	.15819	-.00364

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.900	-6.701	-6.53446	-6.73340	785.47500	787.73600	777.35400	770.49100	780.30200	523.71300	1562.60001	924.13700
.899	-4.620	-4.43818	-4.62877	793.09400	793.75400	784.29200	779.22100	787.89800	523.57100	1563.00000	924.83800
.901	-.450	-.26088	-.44433	799.68200	798.78000	792.26300	790.81100	792.15000	524.74700	1564.00000	924.01600
.900	3.705	3.89612	3.70982	791.29000	789.65200	783.82400	779.70300	783.76200	524.39900	1563.50000	924.02300
.900	5.790	5.99209	5.79948	783.67900	784.57600	777.05400	772.73300	779.27900	523.96300	1562.70000	923.83300
	GRADIENT	1.00118	1.00169	-.21555	-.49530	-.05583	.05961	-.49565	.09958	.06018	-.09796

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.949	-6.720	-6.54345	-6.75772	695.80900	702.53900	692.67800	683.48300	692.89000	541.44400	1532.80000	858.10000
.949	-4.640	-4.44656	-4.65109	705.05800	711.99100	701.73000	694.59700	703.01400	541.69000	1533.50000	858.49400
.950	-.456	-.25583	-.45427	714.69100	720.16700	711.38200	708.52500	716.89900	542.23900	1534.89999	859.18000
.950	3.721	3.91549	3.71342	708.63000	712.07600	705.10000	701.11700	712.51400	542.33700	1534.80000	858.88000
.949	5.806	6.01809	5.80577	697.36800	702.03300	695.04000	691.57600	702.00100	542.00300	1534.30000	858.88600
	GRADIENT	1.00015	1.00044	.42777	.01072	.40361	.78055	1.13687	.07740	.15554	.04620

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
1.101	-6.755	-6.56027	-6.80162	477.35800	490.33100	476.26100	465.73900	471.99000	588.16500	1481.60001	692.84900
1.098	-4.652	-4.43936	-4.67063	489.43000	501.12200	487.55200	476.35700	487.34300	587.35300	1481.89999	695.34500
1.097	-.452	-.22222	-.45991	492.84500	501.83300	492.00100	486.49900	500.56400	586.99500	1481.89999	696.24500
1.099	3.729	3.94566	3.71001	495.01100	501.27200	493.16500	487.01200	498.34200	587.41300	1481.80000	695.04600
1.101	5.833	6.06113	5.82587	488.80600	495.00700	483.72300	475.60500	491.24100	588.02900	1481.30000	692.75100
	GRADIENT	1.00048	.99996	.66603	.01803	.67003	1.27222	1.31381	.00709	-.01192	-.03548

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
1.149	-6.766	-6.57604	-6.81312	433.21300	447.87400	432.08900	423.57800	426.56200	599.19300	1472.60001	648.89300
1.152	-4.654	-4.44986	-4.67296	438.69300	452.10300	437.07100	427.90400	436.13000	600.02700	1472.39999	646.10300
1.151	-.451	-.22925	-.45538	451.82800	460.87600	450.50100	443.12900	456.72800	600.68300	1474.60001	647.78100
1.148	3.735	3.94707	3.72089	456.69100	462.73000	453.91200	447.93600	459.26200	600.23900	1475.50000	650.56600
1.149	5.836	6.06502	5.83383	457.37100	463.14700	452.67600	446.07400	457.70800	600.90200	1476.20000	649.76300
	GRADIENT	1.00198	1.00061	2.14732	1.26735	2.00834	2.39114	2.75888	.02536	.36965	.53194

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
1.247	-6.768	-6.59131	-6.82459	362.27100	376.13600	362.72700	354.59500	355.67400	622.97500	1476.50000	572.18500
1.251	-4.660	-4.46806	-4.68881	362.70000	377.43200	364.03000	356.57100	358.70800	623.54200	1476.20000	568.91300
1.251	-.453	-.23346	-.45288	373.29500	384.20100	373.03600	365.68800	375.01800	621.67600	1471.80000	567.25100
1.252	3.742	3.97069	3.74884	375.70500	383.52200	372.81300	366.94700	375.52600	621.01300	1469.89999	565.87300
1.249	5.845	6.09308	5.86024	379.08800	385.69800	373.96500	367.00500	377.69200	619.97800	1468.50000	567.36900
	GRADIENT	1.00446	1.00431	1.54840	.72529	1.04593	1.23546	2.00267	-.30109	-.75001	-.36186

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 0.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.599	-6.613	-6.48361	-6.61397	1446.22000	1450.67999	1438.66000	1430.99001	1439.87000	386.97700	1962.10001	1539.11000
.600	-4.534	-4.39528	-4.51852	1448.12000	1452.67999	1441.39000	1435.00999	1443.63000	387.74900	1963.00000	1539.10001
.600	-2.487	-2.33485	-2.45737	1453.05000	1456.14000	1448.71001	1445.34000	1449.39000	388.10100	1963.80000	1539.49001
.600	-.433	-.27648	-.39819	1455.28000	1457.17999	1450.63000	1447.95000	1451.58000	387.74900	1963.00000	1539.10001
.600	1.624	1.78332	1.65829	1453.19000	1455.11000	1448.64000	1445.00000	1450.97000	388.07500	1962.70000	1538.39000
.599	3.677	3.84433	3.71654	1449.97000	1452.31000	1444.56000	1440.17000	1448.88000	386.95300	1961.10001	1538.12000
.600	5.726	5.90366	5.77132	1445.46001	1448.28000	1439.20000	1434.46001	1444.72000	387.38700	1961.80000	1538.31000
	GRADIENT	1.00308	1.00252	.16647	-.08562	.30462	.48502	.58780	-.07883	-.23873	-.14909

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.900	-6.705	-6.53782	-6.73695	783.97600	785.58700	775.38700	769.56700	778.03700	523.37200	1560.89999	922.74900
.900	-4.617	-4.43790	-4.62821	791.81900	791.48800	782.57000	778.29300	785.38200	523.16000	1561.20000	923.45100
.900	-2.526	-2.34479	-2.52419	797.07400	795.73200	786.93300	783.50300	787.66500	523.91600	1562.20000	923.33500
.899	-.460	-.27330	-.45428	802.17900	799.90200	793.98000	793.46900	793.50300	523.35300	1562.60001	924.74300
.899	1.621	1.80963	1.62491	800.06100	797.27300	793.51500	792.30500	792.70500	523.24500	1562.10001	924.34600
.899	3.707	3.89845	3.71206	792.08300	790.30400	784.91500	781.14000	783.57900	523.39400	1562.39999	924.44300
.900	5.784	5.98637	5.79135	783.86000	784.22300	776.82500	772.68100	778.26400	523.67500	1562.20000	923.73900
	GRADIENT	1.00150	1.00162	.16828	-.04040	.54066	.69518	.06775	-.00962	.11065	.14385

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.599	-5.737	-5.77862	-5.91055	1450.80000	1456.11000	1443.98000	1434.19000	1442.82001	386.46500	1961.60001	1539.23000
.599	-3.675	-3.70773	-3.83451	1451.80000	1457.31000	1446.03999	1437.86000	1446.00000	386.60500	1960.50000	1537.92999
.599	-1.611	-1.63152	-1.75864	1453.86000	1457.02000	1449.67000	1446.07001	1450.33000	386.49100	1959.20000	1536.73000
.600	.430	.41255	.28501	1454.34000	1456.25000	1449.66000	1446.61000	1451.26000	386.46000	1957.89999	1535.44000
.600	2.484	2.47274	2.34015	1453.77000	1455.29000	1447.57001	1442.70000	1452.27000	386.66700	1959.60001	1536.92999
.599	4.536	4.53086	4.39643	1452.91000	1454.25999	1445.78999	1440.94000	1451.97000	386.79600	1961.50000	1538.72000
.601	6.604	6.61072	6.46973	1450.05000	1451.25000	1442.78999	1437.80000	1448.55000	388.74100	1962.70000	1537.58000
	GRADIENT	1.00321	1.00220	.10401	-.38210	-.12632	.12710	.67691	.02719	.11692	.08672

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
.899	-5.817	-5.82134	-6.01467	787.03300	790.17800	780.40600	771.81700	781.95100	523.69800	1563.70000	925.43300
.899	-3.740	-3.73824	-3.92149	794.60900	795.40300	785.11800	777.37500	787.11100	523.48500	1564.00000	926.13500
.899	-1.653	-1.64347	-1.82529	803.27800	800.27900	790.20200	785.64100	791.27100	523.68500	1564.20000	926.03200
.900	.443	.45967	.26900	803.67500	799.83900	792.73300	790.61900	793.72100	524.35800	1563.70000	924.32300
.901	2.517	2.53529	2.34125	798.63500	796.15500	790.39700	787.77100	790.67100	525.13500	1564.30000	923.70900
.901	4.590	4.61157	4.41669	789.60800	788.91800	780.42800	774.42500	782.71200	524.91700	1563.89999	923.61400
.900	6.691	6.72373	6.52314	784.38000	785.09800	775.21000	767.23500	778.45900	524.26700	1564.00000	924.82300
	GRADIENT	1.00226	1.00055	-.69963	-.81837	-.43787	-.17648	-.44849	.20718	-.00486	-.35376

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
1.097	-5.866	-5.84761	-6.08838	496.02600	507.31500	496.67200	487.25200	489.99300	586.50900	1480.80000	695.85500
1.098	-3.749	-3.71609	-3.94918	501.59300	511.78700	501.43200	493.75400	499.76400	586.36300	1479.39999	694.16800
1.100	-1.653	-1.61252	-1.84763	500.79600	510.85700	499.09900	491.02200	501.89400	587.24800	1480.10001	692.86200
1.102	.439	.48812	.24144	492.66200	500.80300	491.17300	486.23800	497.24200	587.76200	1479.70000	691.06600
1.100	2.558	2.59554	2.35452	501.74100	508.70000	499.04700	492.65000	506.99400	586.35200	1478.30000	692.57900
1.102	4.627	4.66744	4.42682	499.40600	505.00700	495.09300	488.46000	502.54600	588.46100	1481.30000	691.65200
1.098	6.736	6.79540	6.54407	499.33900	506.13200	494.32300	486.97000	501.46500	588.24300	1484.30000	696.62300
	GRADIENT	1.00058	.99958	-.16191	-.74806	-.60540	-.42566	.51115	.15675	.09450	-.25795

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
1.248	-5.878	-5.88201	-6.11424	375.55100	387.13800	375.80900	368.42900	370.49900	621.20500	1471.89999	569.63200
1.249	-3.772	-3.76496	-3.98726	380.16500	391.73300	380.22500	373.43200	378.95700	621.45200	1472.00000	568.73800
1.250	-1.649	-1.62770	-1.84797	381.60200	393.49800	382.06900	376.59100	382.28300	621.33800	1471.60001	568.34400
1.250	.438	.46998	.24993	383.84000	395.75400	384.35600	377.58800	384.57300	620.14500	1468.70000	567.07000
1.252	2.552	2.50797	2.36369	380.87300	389.58000	379.08400	373.03500	381.48900	620.54900	1468.89999	565.68000
1.251	4.631	4.68291	4.45085	385.47900	393.44300	381.71200	375.14100	3[illegible]70100	620.63000	1469.39999	566.47100
1.250	6.748	6.82499	6.57759	380.90800	389.74300	375.40700	367.92700	3[illegible].8700	619.78200	1467.89999	566.87600
	GRADIENT	1.01498	1.00387	.47039	-.02427	-.00181	-.00643	.60397	-.11573	-.37619	-.34291

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-7.939	-5.946	-5.83869	-6.03270	1440.96001	1444.78999	1430.84000	1424.19000	1429.74001	388.36300	1964.30000	1539.67999
-7.989	-3.937	-3.83099	-4.00854	1441.23000	1446.17999	1432.25000	1426.42000	1432.00999	389.19600	1964.30000	1538.66000
-7.996	-.009	.08482	-.07521	1450.17000	1451.81000	1441.84000	1438.42999	1441.58000	387.57500	1962.70000	1539.00000
-7.961	3.990	4.07944	3.90315	1445.03999	1446.45000	1434.84000	1428.46001	1436.74001	387.38000	1961.50000	1538.00999
-7.975	6.023	6.12472	5.93724	1440.39999	1442.44000	1430.91000	1425.41000	1432.81000	387.98500	1962.39999	1538.19000
	GRADIENT	.99790	.99804	.47539	.02998	.32056	.24918	.59132	-.22855	-.35306	-.08249

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-3.969	-6.002	-5.90289	-6.03305	1439.82001	1445.23000	1430.41000	1420.86000	1429.23000	386.72900	1958.70000	1535.92999
-3.972	-4.026	-3.92321	-4.04109	1442.10001	1448.22000	1434.19000	1426.80000	1434.85001	387.60400	1960.39999	1536.61000
-3.967	-.003	.06327	-.05156	1450.67000	1452.78999	1444.50000	1440.86000	1444.37000	387.08900	1959.80000	1536.62000
-3.944	3.974	4.00874	3.88237	1446.37000	1448.07001	1437.53000	1431.67999	1441.75000	386.83400	1959.60001	1536.73000
-3.922	5.947	5.99031	5.85662	1443.87000	1445.53000	1434.67999	1428.58000	1438.42000	387.61100	1960.70000	1536.91000
	GRADIENT	.99154	.99048	.53683	-.01654	.42162	.61555	.86542	-.09632	-.10010	.01497

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.069	-6.610	-6.47944	-6.60749	1443.53000	1447.37000	1435.39000	1427.16000	1436.87000	387.52200	1960.50000	1538.81000
-.049	-4.558	-4.41788	-4.53961	1444.94000	1449.09000	1438.24001	1431.98000	1441.24001	387.44400	1960.70000	1537.11000
-.022	-.445	-.28905	-.40906	1453.33000	1454.39999	1448.76999	1445.83000	1450.23000	387.87700	1961.39999	1537.30000
-.005	3.660	3.82799	3.70182	1448.60001	1449.63000	1443.14999	1438.58000	1447.88000	388.55800	1962.00000	1537.08000
.000	5.721	5.89880	5.76968	1444.46001	1445.74001	1437.69000	1432.73000	1444.19000	387.45600	1961.20000	1537.61000
	GRADIENT	1.00335	1.00282	.44584	.06608	.59805	.80368	.80960	.13554	.15819	-.00364

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BET_SU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.056	-5.955	-5.95324	-6.08826	1449.47000	1456.53000	1443.25999	1432.08000	1440.83000	387.45400	1961.10001	1537.50999
4.027	-3.979	-3.96804	-4.09742	1452.64999	1459.86000	1448.06000	1438.42000	1445.97000	387.19400	1960.70000	1537.42000
4.061	.000	.06957	-.06182	1452.57001	1459.14000	1449.28000	1443.00000	1449.55000	388.20600	1961.20000	1536.69000
4.055	3.973	4.10315	3.96864	1453.11000	1455.85001	1447.56000	1440.08000	1452.95000	387.43900	1960.50000	1536.91000
4.042	5.952	6.09463	5.95669	1449.99001	1452.50999	1443.63000	1435.74001	1450.81000	386.43200	1960.20000	1537.83000
	GRADIENT	1.01502	1.01438	.05783	-.50421	-.06278	.20901	.87780	.03087	-.02511	-.06417

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-8.004	-6.045	-5.93914	-6.13342	1441.82001	1444.28000	1431.95000	1425.64999	1432.00999	387.32700	1962.80000	1539.41000
-7.928	-3.928	-3.81736	-3.99468	1445.00000	1447.99001	1437.92000	1433.33000	1436.74001	388.60100	1963.80000	1538.88000
-7.990	-.020	.07544	-.08695	1451.27000	1451.67999	1443.16000	1439.85000	1444.42399	387.14900	1962.30000	1539.11000
-7.921	4.045	4.13454	3.95836	1446.92999	1447.17999	1437.13000	1430.71001	1440.62000	387.75100	1963.10001	1539.20000
-7.976	5.984	6.08544	5.89777	1442.61000	1443.26000	1433.25000	1427.53000	1436.22000	388.18200	1963.70000	1539.28000
	GRADIENT	.99732	.99744	.23332	-.10830	-.10831	-.34142	.47713	-.10491	-.08590	.04001

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP14) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-3.972	-5.993	-5.89593	-6.02430	1444.17000	1448.13000	1434.71001	1425.97000	1435.25000	387.07700	1962.80000	1539.71001
-3.918	-3.981	-3.87911	-3.99363	1445.87000	1450.32001	1437.80000	1431.44000	1440.41000	386.64400	1962.10001	1539.52000
-4.016	-.009	.05631	-.05661	1453.35001	1453.94000	1447.30000	1443.78000	1448.84000	387.73000	1962.20000	1538.30000
-3.947	3.972	4.00653	3.88153	1448.42999	1448.71001	1440.10001	1434.61000	1445.74001	387.89400	1962.10001	1538.00000
-3.941	5.964	6.00836	5.87519	1446.42000	1446.47000	1437.34000	1431.91000	1442.87000	386.44600	1960.80000	1538.42999
	GRADIENT	.99143	.99014	.32123	-.20287	.28832	.39746	.66954	.15711	-.00001	-.19106

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.069	-6.610	-6.47944	-6.60749	1443.53000	1447.37000	1435.39000	1427.16000	1436.87000	387.52200	1960.50000	1536.81000
-.049	-4.558	-4.41788	-4.53961	1444.94000	1449.03000	1439.24001	1431.98000	1441.24001	387.44400	1960.70000	1537.11000
-.022	-.445	-.28905	-.40906	1453.33000	1454.39999	1448.78999	1445.83000	1450.23000	387.87700	1961.39999	1537.30000
-.005	3.660	3.82789	3.70182	1448.60001	1449.63000	1443.14999	1433.58000	1447.89000	389.55800	1962.00000	1537.08000
.000	5.721	5.89880	5.76968	1444.46001	1445.74001	1437.69000	1432.73000	1444.19000	387.45600	1961.20000	1537.61000
	GRADIENT	1.00335	1.00282	.44584	.06608	.59305	.80388	.80960	.13554	.15819	-.00364

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.068	-5.937	-5.93559	-6.07014	1450.47000	1455.74001	1444.17000	1433.72000	1445.89000	383.23500	1962.39999	1537.89000
4.052	-4.000	-3.98998	-4.11937	1444.64999	1449.85001	1439.84000	1430.77000	1439.86000	388.97700	1955.20000	1529.60001
4.039	-.012	.05654	-.07463	1456.55000	1461.03000	1453.05000	1447.48000	1455.17999	387.07500	1962.70000	1539.61000
4.052	3.984	4.11421	3.98011	1454.87000	1456.11000	1449.64999	1443.24001	1456.80000	387.29600	1961.50000	1538.11000
4.069	5.990	6.13319	5.99595	1449.48000	1450.39000	1443.20000	1436.35001	1452.25000	385.55000	1958.20000	1536.86000
	GRADIENT	1.01509	1.01450	1.27951	.78338	1.22802	1.56101	2.13124	-.21046	.78872	1.06541

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP15) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-7.979	-5.948	-5.74742	-6.10134	771.04500	775.47100	762.43900	757.76100	762.22100	522.61600	1559.89999	922.86400
-7.962	-3.922	-3.72207	-4.06087	778.58100	780.76900	766.66300	761.66200	767.73500	522.57400	1560.10001	923.16400
-7.979	-.002	.17412	-.15736	785.78600	787.41500	778.31100	776.91600	777.50100	523.65300	1560.70000	922.04500
-7.973	3.978	4.14998	3.80865	773.02500	775.87400	765.95700	763.40700	766.33300	523.66200	1560.80000	922.14500
-7.954	6.002	6.19222	5.83682	768.31900	772.18300	763.35000	762.43700	763.32600	522.40700	1559.60001	922.86800
	GRADIENT	.99639	.99600	-.70970	-.62546	-.09587	.21153	-.18361	.13736	.08844	-.12858

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-3.998	-6.036	-5.88265	-6.11884	780.05500	784.14900	771.97000	764.25200	772.83500	522.97300	1560.50000	922.95700
-3.967	-4.023	-3.86552	-4.08338	788.02200	789.40700	776.91100	769.28100	778.80400	523.25800	1561.60001	923.74800
-3.984	-.005	.10992	-.10189	796.46800	796.73400	788.41800	785.97900	789.45600	524.31100	1563.20000	923.82600
-3.958	3.991	4.07603	3.85943	784.90200	786.04700	774.46000	768.33200	777.89600	523.93900	1563.70000	925.03000
-3.926	5.948	6.04937	5.81867	777.86000	780.12300	768.05600	760.11700	771.76300	524.35800	1563.70000	924.32300
	GRADIENT	.99092	.99108	-.38710	-.41726	-.30302	-.11462	-.11085	.08501	.26215	.15984

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.116	-6.701	-6.53446	-6.73340	785.47500	787.73600	777.35400	770.49100	780.30800	523.71300	1562.60001	924.13700
-.090	-4.620	-4.43818	-4.62877	793.09400	793.79400	784.29900	779.22100	787.89600	523.57100	1563.00000	924.83800
-.058	-.450	-.26088	-.44433	799.88200	799.78000	792.26300	790.81100	792.15000	524.74700	1564.00000	924.01600
-.047	3.705	3.89612	3.70982	791.29000	769.66200	783.82400	779.70300	783.76200	524.39900	1563.50000	924.02300
-.048	5.790	5.99209	5.79948	783.67900	784.57600	777.05400	772.73300	779.27900	523.96300	1562.70000	923.83300
	GRADIENT	1.00118	1.00169	-.21555	-.49530	-.05583	.05961	-.49565	.09958	.06018	-.09796

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.068	-5.958	-5.92461	-6.11884	792.35400	793.75900	783.73300	777.90500	785.20900	524.15300	1564.70000	925.82300
4.033	-3.972	-3.93134	-4.11374	796.84200	799.84500	791.33700	787.08700	791.43000	524.72200	1565.00000	925.21300
4.036	-.006	.09814	-.09330	799.43000	800.85900	791.64100	786.68200	795.93300	524.44400	1564.60001	925.21900
4.038	3.970	4.12656	3.93058	794.46100	795.88200	786.83500	782.56900	787.05400	523.90300	1564.60001	926.12700
4.025	5.934	6.10721	5.89807	782.79100	785.08800	775.10200	769.06200	776.27300	524.57400	1564.70000	925.11600
	GRADIENT	1.01457	1.01286	-.30019	-.49930	-.56712	-.56918	-.55168	-.10313	-.05034	.11513

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP16) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-8.011	-6.031	-5.80649	-6.18798	683.48400	689.97000	678.63800	675.89300	681.27700	541.33300	1532.80000	858.30200
-7.974	-4.016	-3.79872	-4.15750	691.71300	698.08400	685.37300	682.06800	689.35800	542.31800	1533.20000	856.98700
-7.986	-.018	.16797	-.17345	705.00200	709.82000	700.09100	698.63700	706.49300	541.74500	1533.50000	858.39300
-7.952	3.990	4.16686	3.81215	691.44500	697.59900	689.41700	688.04500	693.31300	541.31200	1533.10001	858.70000
-7.942	5.994	6.18542	5.81268	682.63400	688.64200	681.20100	680.48700	683.93300	541.40000	1532.89999	858.30000
	GRADIENT	.99497	.99548	-.03503	-.06197	.50366	.74501	.49226	-.12565	-.01253	.21391

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-3.969	-5.996	-5.82832	-6.07061	690.29800	697.37200	685.80900	678.83600	687.39400	542.16700	1533.80000	857.98600
-4.014	-4.084	-3.91959	-4.13937	701.90600	709.33200	696.85600	689.53100	698.17700	541.91300	1534.00000	858.68900
-4.023	-.001	.11543	-.09157	713.69800	719.36900	709.96100	707.03100	716.57800	541.49100	1533.70000	859.09500
-3.946	3.980	4.06110	3.84336	699.46300	704.73600	694.96400	689.59600	703.53100	541.96600	1533.50000	857.99000
-3.940	5.974	6.07487	5.83641	688.81400	694.50800	686.30700	683.19800	693.13100	541.97600	1533.10001	857.49200
	GRADIENT	.98974	.99001	-.28933	-.55704	-.21992	.02635	.68042	.00610	-.06206	-.08589

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.117	-6.720	-6.54345	-6.75772	695.80900	702.53900	692.67800	683.48300	692.89000	541.44400	1532.80000	858.10000
-.093	-4.640	-4.44656	-4.65109	705.05800	711.99100	701.73000	694.59700	703.01400	541.69000	1533.50000	858.49400
-.065	-.456	-.25583	-.45427	714.69100	720.16700	711.36200	708.52600	716.89900	542.23800	1534.89999	859.18000
-.057	3.721	3.91549	3.71342	708.63000	712.07600	705.10000	701.11700	712.51400	542.33700	1534.80000	858.08000
-.057	5.806	6.01809	5.80577	697.36800	702.03300	695.04000	691.57600	702.00100	542.00300	1534.30000	858.88600
	GRADIENT	1.00015	1.00044	.42777	.01072	.40361	.78055	1.13687	.07740	.15554	.04620

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.048	-5.935	-5.88609	-6.10278	710.55300	716.56800	708.75100	704.52700	709.57600	541.72900	1535.30000	860.58500
4.006	-3.945	-3.89060	-4.09405	714.02900	720.70300	713.12700	710.07200	714.37300	543.07800	1535.00000	857.76900
4.066	-.007	.10279	-.10842	712.00700	717.96600	707.91600	702.68200	714.87000	543.02300	1535.00000	857.87000
4.032	3.976	4.13721	3.91813	710.78600	715.57900	707.60100	702.68200	714.86500	541.59100	1533.60001	858.79500
4.023	5.925	6.10475	5.87199	697.68600	703.71000	694.63000	687.26500	703.14500	541.97800	1533.60001	858.09000
	GRADIENT	1.01352	1.01155	-.40924	-.64682	-.69648	-.93121	.06199	-.18807	-.17709	.12973

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-8.000	-6.068	-5.81693	-6.26389	463.91500	475.43300	463.46700	458.08600	457.53000	586.73500	1479.89999	693.96400
-7.955	-4.008	-3.77324	-4.19672	470.89800	482.77900	469.67700	463.45500	469.33100	586.50100	1479.50000	693.96800
-7.956	.004	.22949	-.18942	488.38100	497.23200	486.46900	481.07700	489.45900	585.83200	1478.89999	694.77300
-7.963	3.962	4.18733	3.75479	486.99500	491.96500	483.36900	479.27800	484.97000	585.27800	1480.00000	695.26300
-7.955	6.015	6.24762	5.79714	482.29600	487.16300	479.43300	476.05100	480.53100	586.31600	1480.20000	695.46100
	GRADIENT	.99873	.99760	2.02494	1.15815	1.72351	1.99073	1.95914	-.02830	.06224	.16256

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-3.995	-6.022	-5.84598	-6.12280	466.98000	481.74400	466.16300	458.54000	463.23200	587.55900	1480.70000	693.05700
-3.976	-4.043	-3.86243	-4.11199	474.33900	487.21600	472.42600	464.06300	474.80300	587.36400	1480.50000	693.25900
-3.971	-.005	.12593	-.12013	492.42200	501.16000	489.65900	481.13100	494.77600	587.58100	1480.39999	692.56000
-3.953	3.969	4.07027	3.80859	496.65800	501.12800	492.38400	486.14700	499.60800	586.52000	1479.60001	694.06700
-3.933	5.983	6.10300	5.82614	493.03700	497.53200	487.29600	479.75400	493.98500	585.94700	1479.30000	695.06900
	GRADIENT	.99006	.98856	2.79010	1.74090	2.49565	2.76018	3.10079	-.10492	-.11209	.10012

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.150	-6.755	-6.56027	-6.80162	477.35800	490.33100	476.26100	465.73900	471.99000	588.16500	1481.60001	692.84900
-.126	-4.652	-4.43936	-4.67063	489.43000	501.12200	487.55200	476.35700	487.34300	587.35300	1481.89999	695.34500
-.095	-.452	-.22222	-.45991	492.84500	501.88600	492.00100	486.49900	500.56401	586.99500	1481.89999	696.24500
-.078	3.729	3.94566	3.71001	495.01100	501.27200	493.16500	487.01200	498.34200	587.41300	1481.80000	695.04600
-.077	5.833	6.06113	5.82587	488.80600	495.00700	483.72300	475.60500	491.24100	588.02900	1481.30000	692.75100
	GRADIENT	1.00048	.99996	.66603	.01803	.67003	1.27222	1.31381	.00709	-.01192	-.03548

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.039	-5.962	-5.87258	-6.15195	496.36200	507.54700	497.10200	489.14400	494.64300	588.20200	1482.00000	693.34500
4.052	-3.995	-3.89234	-4.16424	497.67000	509.57800	498.08200	488.60700	497.27600	587.82900	1481.70000	693.84700
4.048	-.004	.14023	-.12729	491.64000	505.14900	490.53300	482.46200	497.43100	588.94200	1483.20000	693.23400
4.050	3.983	4.17589	3.89912	493.62200	504.33500	492.84000	485.25300	495.82000	586.64500	1481.10001	695.95300
4.034	5.935	6.14651	5.86124	486.34000	497.25800	485.21600	478.21700	489.26000	586.55600	1480.00000	694.56300
	GRADIENT	1.01127	1.01066	-.50757	-.65724	-.65727	-.42061	-.18245	-.14832	-.07511	.26388

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-7.967	-5.953	-5.70804	-6.14540	425.01200	436.95900	424.57000	420.00500	416.55700	599.67500	1473.39999	648.78700
-7.968	-4.000	-3.77466	-4.19008	436.50100	448.41800	435.29400	430.84100	432.25300	601.01200	1476.70000	650.25700
-7.996	.002	.23293	-.18068	449.61100	459.72300	447.47400	441.70200	448.55600	601.01400	1476.39999	649.76100
-7.976	3.986	4.21206	3.78711	444.49400	449.59300	439.79900	435.76100	440.57000	601.58700	1476.10001	647.57000
-7.937	5.987	6.22033	5.78394	439.79500	444.87600	435.43200	433.07000	436.26800	600.43700	1474.39999	648.18100
	GRADIENT	1.00011	.99892	1.00278	.14935	.56617	.61782	1.04397	.07194	-.07513	-.33630

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-3.974	-5.997	-5.82282	-6.09048	434.37200	447.59400	433.13400	425.59800	429.45800	600.12200	1474.20000	648.78100
-4.012	-4.080	-3.89493	-4.14548	439.47400	451.81100	437.96900	430.31500	437.90000	600.71700	1474.60001	647.68100
-3.984	.086	.22080	-.02223	451.53100	461.11600	448.91700	441.24900	453.15500	601.15100	1475.80000	648.37000
-3.974	4.003	4.11034	3.85367	455.04700	460.19100	449.93400	443.02800	454.72000	601.21900	1475.50000	647.67400
-3.991	6.054	6.17899	5.91284	453.10700	458.59100	445.42300	436.37700	450.86700	599.70300	1474.30000	650.17700
	GRADIENT	.99035	.98962	1.93687	1.04942	1.49609	1.58394	2.09665	.06255	.11322	.00090

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.149	-6.766	-6.57604	-6.81312	433.21300	447.87400	432.08900	423.57800	426.56200	599.19300	1472.60001	648.89300
-.124	-4.654	-4.44986	-4.67296	438.68300	452.10300	437.07100	427.90400	436.13000	600.02700	1472.39999	646.10300
-.095	-.451	-.22925	-.45538	451.82800	460.87600	450.50100	443.12800	456.72800	600.68300	1474.60001	647.78100
-.086	3.735	3.94707	3.72089	456.69100	462.73000	453.91200	447.95600	459.26200	600.23900	1475.50000	650.56600
-.091	5.836	6.06602	5.83383	457.37100	463.14700	452.67600	446.07400	457.70800	600.90200	1476.20000	649.76300
	GRADIENT	1.00098	1.00061	2.14732	1.26735	2.00834	2.39114	2.75888	.02536	.36965	.53194

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.073	-5.944	-5.86655	-6.14056	454.43600	467.14300	454.53600	446.26700	451.94500	601.01700	1475.50000	648.27200
4.034	-3.975	-3.87813	-4.14175	460.03700	472.59200	460.15900	451.36700	458.66200	599.88300	1474.50000	649.97500
4.049	-.008	.14165	-.12627	452.41100	465.96100	451.05900	443.34600	457.67300	599.90900	1474.00000	649.08200
4.051	3.986	4.18551	3.91082	457.02300	467.35300	454.57400	446.81200	460.45600	600.69300	1475.10001	648.57500
4.020	5.914	6.13514	5.84777	450.91500	461.22300	448.02300	440.68000	453.19900	601.05200	1474.89999	647.18100
	GRADIENT	1.01283	1.01144	-.37685	-.65565	-.69972	-.57051	.22587	.10185	.07559	-.17579

IA183,ALPHA-BETA UNCORR FLOW ANG (MISC PRESS) (X4QP19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-7.925	-6.007	-5.84648	-6.23590	353.83600	365.61800	354.33600	349.70800	345.11700	620.20300	1469.20000	567.96000
-7.972	-3.997	-3.84693	-4.22109	363.52900	375.78400	362.87200	360.06300	355.87600	621.06000	1471.39999	569.13800
-7.971	-.007	.18566	-.10541	370.54200	381.43300	368.01700	363.45900	365.99900	622.18400	1473.10001	567.93800
-7.981	3.990	4.22155	3.82840	373.42200	380.76000	369.41700	366.75200	369.07900	620.81300	1471.00000	569.33900
-7.962	5.995	6.24358	5.84378	365.95000	372.54200	361.57700	359.56700	359.34500	620.90000	1470.70000	568.25000
	GRADIENT	1.01012	1.00774	1.23841	.62276	.81927	.83754	1.65271	-.03100	-.05020	.02525

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-4.008	-6.054	-5.91604	-6.17278	356.52900	369.03800	357.00500	350.87800	349.62400	621.37900	1471.30000	567.45200
-3.965	-4.030	-3.88243	-4.12666	366.84400	380.06000	367.18700	362.44600	353.61900	620.91500	1470.89999	568.64500
-4.009	-.009	.10739	-.13463	374.27800	385.36700	373.00000	366.62900	373.15400	621.18300	1471.00000	567.65300
-3.948	4.001	4.10993	3.85650	378.21200	384.91300	373.91100	367.12100	377.16800	620.62300	1469.30000	566.27300
-3.937	5.953	6.08613	5.82411	373.40200	379.71700	367.14100	359.44500	371.61000	620.50700	1469.20000	566.57200
	GRADIENT	.99519	.99404	1.41570	.60460	.83752	.58232	1.68739	-.03631	-.19913	-.29533

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
-.142	-6.768	-6.59131	-6.82459	362.27100	376.13600	362.72700	354.59500	355.67400	622.97500	1476.50000	572.18500
-.112	-4.660	-4.46806	-4.68881	362.70000	377.43200	364.03000	356.57100	358.70900	623.54200	1476.20000	568.91300
-.076	-.453	-.23346	-.45288	373.29500	384.20100	373.03300	365.68800	375.01800	621.67600	1471.80000	567.25100
-.065	3.742	3.97089	3.74884	375.70500	383.52200	372.81300	366.94700	375.52600	621.01300	1469.89999	565.87300
-.069	5.845	6.09308	5.86024	379.08800	385.69800	373.96500	367.00500	377.69200	619.97800	1468.50000	567.36900
	GRADIENT	1.00446	1.00431	1.54840	.72529	1.04593	1.23546	2.00267	-.30109	-.75001	-.36186

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	BETLSU	BETRSU	P302	P325	P405	P413	P319	Q	PT	P
4.079	-5.988	-5.89778	-6.19678	375.01600	388.67600	374.24700	365.25200	374.55300	620.17400	1469.10001	567.86200
4.060	-4.005	-3.90548	-4.19221	372.00200	385.42900	370.62200	361.10300	374.04100	620.73200	1469.60001	566.47000
4.063	-.011	.14323	-.13965	380.74600	394.02600	380.45000	372.54100	380.41100	619.84600	1468.80000	568.65700
4.041	3.977	4.17344	3.88021	380.82900	390.41700	376.68300	368.79600	382.83800	620.05800	1469.00000	568.16000
4.021	5.940	6.16410	5.86315	378.31600	388.38500	374.20500	366.35700	377.42800	620.22500	1469.50000	568.55400
	GRADIENT	1.01219	1.01138	1.10616	.62528	.75975	.96427	1.10227	-.08447	-.07520	.21181

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-7.893	-7.73961	.01056	.07782	-.22255	.03554	.01769	-.00757	-.00000	-.00171	.08440
.600	-5.886	-5.78234	.00963	.07555	-.18872	.03757	.02324	-.00573	-.00005	-.00159	.08102
.601	-3.833	-3.73037	.00845	.07118	-.15499	.03867	.02932	-.00328	.00002	-.00175	.07846
.599	-1.795	-1.69127	.00498	.07256	-.12784	.03834	.03727	-.00102	.00002	-.00167	.07725
.600	.207	.31060	.00391	.06871	-.10059	.03833	.04393	-.00010	.00005	-.00126	.07576
.600	2.280	2.39279	.00487	.06909	-.07273	.03675	.04993	.00342	.00008	-.00325	.07278
.599	4.299	4.40234	.00226	.06941	-.05497	.03587	.06334	.00274	.00002	-.00161	.07232
.600	6.349	6.45177	.00271	.06739	-.02793	.03410	.07226	.00270	.00001	-.00089	.07142
.600	8.419	8.52245	.00443	.06898	.00470	.03165	.07817	.00346	.00001	-.00057	.07070
	GRADIENT	1.00003	-.00061	-.00034	.01255	-.00038	.00397	.00081	.00000	-.00006	-.00082

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.900	-7.961	-7.89800	.00478	.08244	-.23831	.04575	.01525	-.00919	-.00039	-.00034	.09293
.898	-5.867	-5.80401	.00565	.08192	-.19612	.04678	.02003	-.00360	-.00041	-.00192	.08912
.901	-3.912	-3.84886	.00444	.08348	-.15887	.04714	.02423	-.00125	-.00042	-.00217	.08551
.900	-1.879	-1.81575	.00139	.07945	-.12635	.04631	.02790	.00090	-.00034	-.00254	.07932
.898	.203	.26312	.00174	.07774	-.09778	.04579	.03231	.00162	-.00034	-.00317	.07600
.899	2.247	2.31014	.00168	.07825	-.06773	.04515	.03754	.00245	-.00034	-.00320	.07592
.900	4.310	4.37135	.00413	.08203	-.02836	.04424	.04269	.00378	-.00027	-.00301	.07507
.900	6.314	6.37710	.00515	.08356	.00901	.04223	.04548	.00395	-.00029	-.00149	.07353
.900	8.369	8.43209	.00841	.08697	.03543	.04041	.05095	.00645	-.00019	-.00300	.07419
	GRADIENT	1.00000	-.00002	-.00020	.01554	-.00034	.00226	.00056	.00001	-.00011	-.00118

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.949	-8.040	-7.97641	.00642	.13534	-.23767	.05215	.00498	-.00712	-.00044	-.00165	.09561
.951	-5.997	-5.93372	.00782	.13789	-.19525	.05319	.01044	-.00413	-.00037	-.00210	.09257
.953	-3.846	-3.78225	.00695	.13913	-.15226	.05468	.01699	-.00011	-.00040	-.00336	.09086
.950	-1.826	-1.76278	.00306	.13257	-.11874	.05421	.02448	.00084	-.00037	-.00291	.08810
.952	.241	.30397	.00203	.13316	-.08661	.05364	.02977	.00089	-.00035	-.00190	.08458
.950	2.253	2.31661	.00044	.12977	-.06155	.05189	.03446	.00348	-.00036	-.00284	.08193
.948	4.313	4.37665	.00055	.12835	-.02628	.05021	.03694	.00561	-.00037	-.00364	.08023
.949	6.341	6.40463	.00692	.13554	.01812	.04901	.04063	.00548	-.00033	-.00306	.08021
.949	8.332	8.39497	.00264	.13085	.04844	.04742	.04391	.00293	-.00023	-.00021	.08086
	GRADIENT	.99999	-.00076	-.00119	.01516	-.00055	.00264	.00059	.00000	-.00002	-.00134

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-5) (X4QT01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.100	-8.057	-7.99263	.01077	.19447	-.24165	.08642	.00066	-.00531	-.00062	-.00227	.10263
1.099	-6.012	-5.94742	.00839	.19232	-.18664	.08720	.00652	-.00306	-.00052	-.00261	.09972
1.102	-3.855	-3.79008	.00681	.19000	-.15391	.08649	.01386	-.00352	-.00045	-.00147	.09486
1.099	-1.802	-1.73750	.00057	.18456	-.11468	.08863	.01914	-.00209	-.00040	-.00149	.09212
1.099	.229	.29389	-.00004	.18397	-.08153	.08994	.02539	.00029	-.00040	-.00152	.09141
1.099	2.295	2.35980	-.00058	.18339	-.05573	.08746	.03536	.00195	-.00031	-.00195	.08765
1.100	4.366	4.43075	-.00143	.18241	-.02644	.08510	.04357	.00407	-.00034	-.00091	.08527
1.101	6.381	6.44523	-.00372	.17987	.00803	.08414	.04553	.00429	-.00030	-.00129	.08320
1.102	8.372	8.43597	-.00963	.17355	.04195	.08299	.04993	.00307	-.00025	-.00035	.08273
	GRADIENT	1.00000	-.00086	-.00080	.01523	-.00039	.00368	.00094	.00002	.00003	-.00115

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-9.368	-9.31390	-.00097	.06861	-.28228	.09886	.00999	-.00472	-.00067	-.00234	.09193
1.251	-7.082	-7.02853	-.00321	.06615	-.22522	.10033	.01146	-.00478	-.00046	-.00093	.08915
1.251	-4.729	-4.67559	-.00606	.06359	-.17668	.10158	.01770	-.00214	-.00044	-.00107	.08572
1.249	-2.450	-2.39614	-.00967	.06214	-.13563	.10235	.02638	.00171	-.00050	-.00189	.08237
1.249	-.195	-.14091	-.01026	.06220	-.09913	.10228	.03535	.00391	-.00046	-.00229	.08025
1.248	2.044	2.09777	-.01094	.06131	-.07121	.10003	.04053	.00541	-.00047	-.00235	.07890
1.251	4.256	4.30966	-.00169	.06789	-.03844	.09733	.05552	.00838	-.00038	-.00501	.07581
1.252	6.339	6.39240	-.00488	.06351	-.00537	.09498	.05907	.01045	-.00035	-.00498	.07437
1.250	8.573	8.62697	-.00447	.06665	.03297	.09331	.06482	.00881	-.00030	-.00385	.07331
	GRADIENT	1.00000	.00033	.00033	.01518	-.00048	.00435	.00119	.00001	-.00037	-.00104

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT02) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.601	-8.700	-8.59723	.02918	.09194	-.23719	.03474	.01460	-.00881	-.00005	-.00097	.08526
.600	-4.450	-4.34731	.00339	.06698	-.16813	.03844	.02709	-.00355	.00019	-.00141	.07880
.600	-2.397	-2.29385	.00409	.07035	-.13730	.03880	.03393	-.00037	.00026	-.00181	.07741
.600	-.176	-.07230	.00492	.07061	-.10750	.03823	.04203	.00084	.00031	-.00139	.07597
.600	1.996	1.99946	.00671	.07257	-.07800	.03689	.04789	.00403	.00022	-.00273	.07359
.600	3.995	4.09831	.00644	.07074	-.05956	.03556	.06119	.00359	.00025	-.00193	.07208
.599	8.278	8.38160	-.01625	.05018	.00144	.03139	.07757	.00473	.00029	-.00056	.07094
	GRADIENT	1.00001	.00041	.00046	.01305	-.00036	.00388	.00086	.00000	-.00009	-.00081

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.099	-8.020	-7.95553	.01021	.19423	-.24058	.08686	.00055	-.00499	-.00053	-.00230	.10246
1.101	-5.968	-5.90397	.00918	.19254	-.19699	.08742	.00721	-.00270	-.00047	-.00292	.09931
1.099	-3.861	-3.79578	.00636	.19028	-.15366	.08792	.01306	-.00377	-.00039	-.00128	.09549
1.102	-1.846	-1.78111	.00052	.18372	-.11679	.08907	.01985	-.00112	-.00037	-.00192	.09167
1.101	.244	.30845	.00019	.18359	-.08213	.09023	.02667	.00095	-.00038	-.00197	.09108
1.099	2.310	2.37411	-.00117	.19297	-.05681	.08729	.03573	.00213	-.00029	-.00191	.08783
1.099	4.364	4.42824	-.00233	.18180	-.02641	.08532	.04330	.00383	-.00033	-.00062	.08520
1.099	6.325	6.38930	-.00192	.18214	.00731	.08395	.04517	.00405	-.00028	-.00139	.08321
1.099	8.417	8.48108	-.00713	.17685	.04249	.08238	.04993	.00270	-.00026	-.00069	.08273
	GRADIENT	1.00000	-.00092	-.00086	.01526	-.00034	.00371	.00089	.00001	.00007	-.00118

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-9.329	-9.27511	-.00402	.06529	-.28120	.09892	.01005	-.00459	-.00064	-.00223	.09199
1.250	-7.009	-6.95554	-.00391	.06652	-.22393	.10062	.01189	-.00441	-.00043	-.00113	.08901
1.248	-4.752	-4.69747	-.00875	.06468	-.17715	.10148	.01771	-.00227	-.00045	-.00069	.08603
1.249	-2.505	-2.45051	-.01154	.06048	-.13670	.10198	.02634	.00146	-.00050	-.00153	.08280
1.251	-.188	-.13369	-.01070	.05921	-.09906	.10198	.03695	.00427	-.00045	-.00248	.08029
1.252	2.083	2.13677	-.00920	.06004	-.06999	.10007	.04888	.00534	-.00047	-.00255	.07865
1.251	4.200	4.25403	-.00182	.06850	-.03919	.09767	.05573	.00928	-.00037	-.00493	.07577
1.250	6.366	6.41962	-.00594	.06555	-.00496	.09520	.05923	.01023	-.00036	-.00467	.07482
1.249	8.571	8.62514	-.00455	.06763	.03291	.09324	.06443	.00869	-.00032	-.00392	.07357
	GRADIENT	.99935	.00071	.00031	.01524	-.00042	.00439	.00120	.00001	-.00042	-.00110

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-8.019	-7.96504	-.00085	.06944	-.24864	.09995	.01157	-.00462	-.00040	-.00175	.09051
1.251	-5.950	-5.89614	-.00312	.06639	-.20178	.10125	.01483	-.00554	-.00038	-.00015	.08752
1.250	-3.802	-3.74765	-.00476	.06575	-.16054	.10234	.02223	-.00041	-.00032	-.00162	.08414
1.249	-1.744	-1.69011	-.00920	.06268	-.12490	.10268	.03019	.00306	-.00035	-.00243	.08136
1.253	.328	.38174	-.00759	.06033	-.09180	.10199	.04025	.00540	-.00034	-.00288	.07983
1.249	2.440	2.49450	-.00660	.06527	-.06748	.09971	.05137	.00575	-.00028	-.00245	.07773
1.253	4.428	4.48148	-.00174	.06634	-.03533	.09395	.05496	.01059	-.00017	-.00496	.07494
1.249	6.448	6.50266	-.00310	.06928	-.00443	.09392	.06011	.01100	-.00013	-.00515	.07377
1.248	8.485	8.53913	-.00787	.06577	.03177	.09392	.06461	.00841	-.00008	-.00324	.07353
	GRADIENT	.99997	.00042	.00018	.01491	-.00067	.00420	.00119	.00002	-.00032	-.00107

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.102	-8.021	-7.95651	.01149	.19480	-.24187	.08686	.00168	-.00481	-.00051	-.00261	.10226
1.098	-6.001	-5.93632	.00793	.19227	-.19549	.08690	.00594	-.00336	-.00048	-.00236	.09975
1.100	-3.921	-3.85644	.00576	.18955	-.15431	.08820	.01302	-.00366	-.00044	-.00127	.09521
1.098	-1.841	-1.77634	-.00009	.18425	-.11484	.08866	.01873	-.00259	-.00041	-.00107	.09234
1.099	.211	.27572	.00028	.18433	-.08069	.08977	.02569	-.00015	-.00041	-.00128	.09150
1.102	2.330	2.39491	-.00119	.18216	-.05674	.08801	.03631	.00295	-.00028	-.00234	.08714
1.102	4.348	4.41284	-.00176	.18161	-.02657	.08578	.04394	.00421	-.00031	-.00095	.08514
1.100	6.394	6.45899	-.00453	.17928	.00828	.08440	.04570	.00445	-.00027	-.00121	.08318
1.101	8.369	8.43367	-.00755	.17602	.04208	.08332	.04976	.00282	-.00023	-.00016	.08213
	GRADIENT	.99999	-.00078	-.00087	.01514	-.00027	.00384	.00103	.00002	-.00003	-.00122

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.249	-9.328	-9.27427	-.00432	.06762	-.28144	.09889	.01012	-.00500	-.00065	-.00192	.09205
1.250	-7.033	-6.97908	-.00324	.06810	-.22343	.10069	.01182	-.00685	-.00056	.00010	.08862
1.251	-4.739	-4.68508	-.00823	.06128	-.17569	.10154	.01777	-.00259	-.00055	-.00058	.08580
1.249	-2.519	-2.46489	-.01226	.06026	-.13596	.10209	.02608	.00125	-.00055	-.00134	.08287
1.249	-.157	-.10269	-.01109	.06119	-.09785	.10251	.03707	.00434	-.00052	-.00245	.08011
1.251	2.033	2.08691	-.01115	.05902	-.06996	.10039	.04055	.00637	-.00050	-.00284	.07849
1.252	4.241	4.29470	-.00087	.06802	-.03729	.09748	.05493	.00966	-.00038	-.00524	.07561
1.251	6.325	6.37924	-.00509	.06515	-.00502	.09512	.05885	.01000	-.00035	-.00469	.07467
1.250	8.573	8.62706	-.00538	.06581	.03307	.09318	.06447	.00848	-.00033	-.00366	.07359
	GRADIENT	.93998	.00070	.00054	.01524	-.00043	.00430	.00132	.00002	-.00048	-.00109

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.098	-8.024	-7.95935	.01010	.19432	-.24137	.08744	.00099	-.00485	-.00051	-.00235	.10240
1.100	-5.999	-5.93403	.00984	.19355	-.19669	.08756	.00686	-.00285	-.00050	-.00288	.09941
1.102	-3.911	-3.84628	.00640	.18967	-.15419	.08827	.01332	-.00361	-.00043	-.00136	.09503
1.099	-1.833	-1.76861	-.00055	.18356	-.11493	.08871	.01902	-.00234	-.00043	-.00112	.09209
1.102	.216	.28096	.00021	.18353	-.08198	.09033	.02656	.00095	-.00044	-.00185	.09108
1.101	2.331	2.39558	-.00093	.18271	-.05635	.08816	.03621	.00283	-.00030	-.00236	.08725
1.100	4.336	4.40023	-.00003	.18367	-.02657	.09590	.04376	.00395	-.00033	-.00103	.08523
1.102	6.347	6.41138	-.00320	.18015	.00910	.08458	.04572	.00407	-.00028	-.00112	.08320
1.099	8.421	8.48525	-.00453	.17946	.04344	.08316	.05010	.00341	-.00019	-.00069	.08224
	GRADIENT	1.00000	-.00064	-.00062	.01519	-.00027	.00378	.00098	.00002	-.00003	-.00118

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.249	-9.300	-9.24564	-.00615	.06576	-.27983	.09879	.01011	-.00504	-.00067	-.00165	.09220
1.249	-7.036	-6.98193	-.00413	.06807	-.22350	.10080	.01186	-.00651	-.00057	.00003	.08872
1.252	-4.744	-4.69061	-.00682	.06149	-.17571	.10176	.01777	-.00248	-.00055	-.00087	.08545
1.252	-2.522	-2.46803	-.01023	.05905	-.13540	.10231	.02613	.00149	-.00057	-.00183	.08247
1.249	-.196	-.14154	-.01125	.06045	-.09823	.10215	.03666	.00397	-.00052	-.00222	.08036
1.249	2.086	2.14027	-.01036	.06220	-.06989	.10016	.04871	.00567	-.00050	-.00243	.07863
1.250	4.212	4.26595	-.00115	.07000	-.03759	.09768	.05489	.00956	-.00038	-.00517	.07556
1.251	6.329	6.38274	-.00490	.06504	-.00459	.09522	.05884	.01036	-.00034	-.00497	.07429
1.251	8.575	8.62896	-.00462	.06558	.03322	.09320	.06473	.00908	-.00033	-.00410	.07336
	GRADIENT	1.00005	.00049	.00089	.01518	-.00046	.00430	.00125	.00002	-.00041	-.00105

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-8.153	-8.25682	.01538	-.05126	-.23515	.03857	.01774	.00716	-.00026	-.00482	.08467
.600	-6.027	-6.13085	.01363	-.05153	-.19841	.04071	.02387	.00791	-.00024	-.00465	.08072
.600	-3.885	-3.98855	.01060	-.05463	-.16415	.04190	.03034	.00910	-.00017	-.00499	.07768
.600	-1.741	-1.84410	.00710	-.05756	-.13282	.04275	.03828	.01049	-.00012	-.00545	.07597
.601	.341	.23850	.00328	-.05785	-.10632	.04194	.04627	.01114	-.00012	-.00553	.07432
.600	2.472	2.36854	-.00133	-.06688	-.07715	.04022	.05221	.01382	-.00011	-.00671	.07325
.599	4.591	4.48777	-.00597	-.07275	-.05576	.03964	.06453	.01591	-.00006	-.00704	.07271
.601	6.736	6.63341	-.01025	-.07220	-.02448	.03778	.07242	.01809	-.00001	-.00694	.07183
.600	8.870	8.76661	-.01559	-.08129	.00822	.03541	.07780	.02081	.00002	-.00717	.07127
	GRADIENT	.99998	-.00196	-.00215	.01287	-.00033	.00389	.00080	.00001	-.00025	-.00060

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.899	-8.441	-8.50416	.01255	-.06471	-.25785	.04876	.01528	.00687	-.00038	-.00553	.09283
.899	-6.205	-6.26842	.00815	-.06887	-.21111	.04967	.02059	.00828	-.00042	-.00533	.08846
.900	-4.028	-4.09133	.00445	-.07293	-.16748	.04960	.02466	.00980	-.00037	-.00554	.08459
.901	-1.877	-1.94044	.00143	-.07722	-.13276	.04826	.02910	.01186	-.00035	-.00669	.07872
.901	.305	.24148	-.00087	-.07995	-.10071	.04736	.03335	.01300	-.00036	-.00734	.07628
.901	2.473	2.40981	-.00686	-.08530	-.06830	.04673	.03691	.01362	-.00039	-.00763	.07560
.901	4.650	4.58688	-.01015	-.08830	-.02651	.04569	.04307	.01617	-.00043	-.00756	.07389
.901	6.813	6.74951	-.01278	-.09172	.01135	.04334	.04602	.01817	-.00025	-.00693	.07282
.902	9.011	8.94754	-.01999	-.09964	.04336	.04168	.05204	.02162	-.00025	-.00820	.07438
	GRADIENT	1.00000	-.00173	-.00188	.01596	-.00043	.00214	.00067	-.00001	-.00023	-.00113

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.097	-8.736	-8.80052	.02165	-.16277	-.26346	.08765	-.00010	.00857	-.00035	-.00758	.10445
1.098	-6.465	-6.52941	.02284	-.16123	-.20972	.08838	.00437	.00280	-.00033	-.00803	.10113
1.098	-4.197	-4.26131	.02094	-.16328	-.16500	.08849	.01269	.00935	-.00030	-.00690	.09642
1.101	-1.919	-1.98345	.01749	-.16583	-.12267	.08958	.02027	.00830	-.00030	-.00590	.09232
1.101	.314	.24942	.01771	-.16576	-.08403	.09006	.02751	.00982	-.00036	-.00614	.09092
1.103	2.558	2.49315	.01275	-.17022	-.05647	.08802	.03790	.01130	-.00027	-.00651	.08750
1.101	4.728	4.66328	.00972	-.17355	-.02287	.08625	.04433	.01352	-.00019	-.00595	.08463
1.102	6.858	6.79333	.00049	-.18278	.01393	.08438	.04570	.01192	-.00017	-.00478	.08320
1.101	9.041	8.97670	-.00659	-.19016	.05221	.08280	.05030	.01295	-.00002	-.00436	.08370
	GRADIENT	1.00000	-.00122	-.00112	.01570	-.00027	.00362	.00051	.00001	.00008	-.00127

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.251	-8.777	-8.83122	.02955	-.03965	-.27373	.09357	.00988	.00367	-.00052	-.00590	.09134
1.251	-6.466	-6.52028	.02554	-.04381	-.22152	.09330	.01167	.00441	-.00042	-.00541	.08860
1.251	-4.132	-4.18575	.02404	-.04578	-.17217	.10077	.01765	.00600	-.00047	-.00621	.08492
1.249	-1.895	-1.94886	.02280	-.04886	-.13207	.10124	.02662	.00692	-.00049	-.00678	.08232
1.249	.391	.33669	.02078	-.05157	-.09324	.10147	.03607	.00821	-.00057	-.00711	.08028
1.249	2.663	2.60916	.01439	-.05743	-.06538	.10001	.04830	.00826	-.00054	-.00622	.07860
1.250	4.802	4.74793	.01417	-.05676	-.03512	.09705	.05401	.00865	-.00039	-.00669	.07596
1.251	6.970	6.91625	.00491	-.06477	-.00280	.09611	.06035	.00990	-.00040	-.00636	.07501
1.250	9.159	9.10432	-.00191	-.07314	.03765	.09493	.06450	.00870	-.00035	-.00505	.07433
	GRADIENT	.99998	-.00126	-.00136	.01520	-.00038	.00423	.00039	.00000	-.00002	-.00096

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.248	-8.747	-8.80146	.06544	-.00712	-.27425	.10050	.01078	.00435	-.00031	-.00734	.09172
1.247	-6.464	-6.51882	.05557	-.01801	-.21891	.10134	.01330	.00668	-.00029	-.00784	.08891
1.249	-4.165	-4.21911	.04348	-.02846	-.17133	.10199	.01913	.00595	-.00032	-.00667	.08474
1.250	-1.868	-1.92242	.03430	-.03661	-.13066	.10233	.02817	.00767	-.00031	-.00738	.08210
1.249	.412	.35740	.02343	-.04842	-.09211	.10198	.03829	.00982	-.00038	-.00782	.08055
1.252	2.678	2.62417	.01136	-.05769	-.06615	.10054	.05069	.00901	-.00024	-.00656	.07837
1.249	4.815	4.76321	.00411	-.06790	-.03357	.09782	.05571	.01205	-.00010	-.00800	.07647
1.251	6.995	6.94050	-.01605	-.08540	-.00173	.09725	.06259	.01192	-.00010	-.00662	.07484
1.248	9.139	9.08462	-.02964	-.10296	.03830	.09591	.06658	.01243	-.00003	-.00630	.07496
	GRADIENT	1.00001	-.00452	-.00444	.01512	-.00045	.00426	.00060	.00002	-.00008	-.00090

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.549	-3.643	-3.70616	.00727	.17600	-.16252	.10998	.02863	-.00447	-.00033	-.00031	.06629
1.549	-1.374	-1.43829	.00408	.17458	-.11985	.11033	.03459	-.00342	-.00035	.00023	.06325
1.550	-.212	-.27671	.00304	.17626	-.10006	.10999	.03904	-.00217	-.00034	.00004	.06201
1.550	.950	.88609	.00332	.17576	-.08097	.10974	.04399	-.00099	-.00029	-.00025	.06140
1.549	3.214	3.15024	.00236	.17232	-.05234	.10804	.05560	-.00109	-.00031	.00041	.06038
1.550	5.405	5.34114	.00630	.17924	-.02532	.10536	.06505	.00254	-.00021	-.00172	.06274
1.550	6.486	6.42155	.00699	.17988	-.00987	.10505	.06948	.00365	-.00018	-.00293	.06261
	GRADIENT	.99996	-.00068	-.00043	.01614	-.00028	.00394	.00055	.00001	.00007	-.00085

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	ALFATC	BETATU	BETAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.550	-6.396	-6.33214	.00675	-.16712	-.22786	.10941	.02793	.00541	-.00030	-.00366	.07128
1.549	-4.142	-4.07836	.00256	-.16816	-.17930	.11015	.03117	.00710	-.00030	-.00395	.06811
1.550	-1.858	-1.79380	.00083	-.17110	-.13346	.11094	.03631	.00853	-.00033	-.00424	.06550
1.550	.461	.52444	.00036	-.17218	-.09242	.11019	.04525	.01077	-.00032	-.00531	.06335
1.550	2.760	2.82412	-.00350	-.17587	-.05967	.10817	.05665	.01410	-.00030	-.00699	.06147
1.549	4.929	4.99297	-.00126	-.17191	-.03107	.10578	.06432	.01878	-.00016	-.00981	.06229
1.552	6.024	6.08963	.00170	-.17807	-.01530	.10511	.06897	.01978	-.00011	-.01109	.06229
	GRADIENT	1.00000	-.00053	-.00055	.01628	-.00050	.00381	.00126	.00001	-.00063	-.00069

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.600	-6.519	-6.41616	.04763	-.01663	-.13448	.03837	.05514	.08308	.00013	-.00363	.07839
.600	-4.459	-4.35530	.06374	-.00088	-.12525	.04000	.05178	.05602	-.00004	-.00259	.07540
.600	-.335	-.23200	.07710	.01337	-.11154	.04156	.04577	.00420	-.00024	-.00132	.07519
.601	3.775	3.87801	.09132	.02927	-.10381	.04133	.04454	-.04376	-.00053	-.00135	.07594
.600	5.842	5.94507	.09768	.03280	-.10102	.04031	.04492	-.06901	-.00077	-.00128	.07772
	GRADIENT	.99996	.00335	.00366	.00260	.00016	-.00088	-.01212	-.00006	.00015	.00006

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.900	-6.604	-6.54115	.01013	-.06758	-.14864	.04765	.05655	.10470	.00025	-.01234	.08521
.899	-4.510	-4.44689	.01901	-.05818	-.13504	.04853	.05005	.07214	.00002	-.01073	.08238
.901	-.337	-.27371	-.01485	-.09367	-.10653	.04809	.03221	.00909	-.00045	-.00397	.07644
.900	3.814	3.87675	.02140	-.05706	-.11163	.04852	.03207	-.05762	-.00067	.00566	.07895
.900	5.903	5.96585	.03677	-.04140	-.11456	.04919	.04312	-.08952	-.00086	.00816	.08206
	GRADIENT	1.00000	.00028	.00013	.00282	-.00000	-.00133	-.01559	-.00008	.00197	-.00041

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.949	-6.616	-6.55297	.01864	-.11043	-.14182	.05436	.05185	.11012	.00044	-.01522	.08957
.949	-4.522	-4.45907	.03629	-.09276	-.12736	.05521	.04664	.07424	.00013	-.01195	.08745
.950	-.341	-.27768	.01531	-.11385	-.09729	.05564	.03045	.00776	-.00036	-.00277	.08440
.950	3.821	3.88385	.03791	-.09148	-.10115	.05610	.03537	-.05556	-.00070	.00599	.08629
.949	5.912	5.97497	.04462	-.08450	-.10177	.05591	.03745	-.08692	-.00089	.00783	.08904
	GRADIENT	1.00000	.00019	.00015	.00314	.00011	-.00135	-.01556	-.00010	.00215	-.00014

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.101	-6.647	-6.53274	.02146	-.16203	-.13852	.08789	.05089	.11713	.00035	-.01691	.09560
1.098	-4.530	-4.46498	.03654	-.14761	-.12431	.08759	.04555	.07694	.00008	-.01219	.09206
1.097	-.329	-.26449	.00361	-.18078	-.09296	.08830	.02744	.00863	-.00039	-.00378	.09123
1.099	3.833	3.89742	.04203	-.14211	-.09313	.08978	.03113	-.05576	-.00062	.00423	.09290
1.101	5.942	6.00599	.06572	-.11780	-.09759	.09011	.03634	-.09295	-.00084	.00900	.09434
	GRADIENT	.99999	.00064	.00064	.00373	.00026	-.00173	-.01587	-.00008	.00196	.00010

RUN NO. 3663/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.149	-6.658	-6.59539	.03349	-.12892	-.14026	.09152	.05232	.11807	.00011	-.01840	.09114
1.152	-4.533	-4.47017	.05394	-.10635	-.12804	.09287	.04785	.07853	-.00018	-.01407	.08748
1.151	-.328	-.26537	.02021	-.14072	-.09687	.09477	.02926	.00974	-.00059	-.00538	.08678
1.148	3.840	3.90307	.03802	-.12476	-.09468	.09466	.03123	-.05690	-.00088	.00451	.08853
1.149	5.949	6.01168	.05086	-.11108	-.09773	.09372	.03513	-.09159	-.00109	.00720	.09075
	GRADIENT	1.00001	-.00191	-.00221	.00399	.00021	-.00199	-.01617	-.00008	.00222	.00013

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.247	-6.665	-6.61095	.12962	.05556	-.13965	.09859	.06191	.11348	.00005	-.01618	.08601
1.251	-4.545	-4.49072	.15089	.08129	-.12640	.09906	.05654	.07481	-.00021	-.01202	.08261
1.251	-.329	-.27496	.14292	.07330	-.09869	.10015	.04112	.00873	-.00057	-.00491	.08096
1.252	3.858	3.91211	.15593	.08725	-.09565	.10034	.04248	-.05392	-.00080	.00238	.08322
1.249	5.967	6.02150	.15139	.07974	-.09538	.10006	.04366	-.08911	-.00102	.00576	.08397
	GRADIENT	.99999	.00060	.00071	.00366	.00015	-.00168	-.01532	-.00007	.00171	.00007

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-6.524	-6.42051	.05390	-.01313	-.13386	.03866	.05435	.08498	.00010	-.00364	.07909
.600	-4.436	-4.33278	.06853	.00332	-.12558	.03982	.05136	.05752	-.00003	-.00273	.07638
.600	-2.380	-2.27686	.06720	.00257	-.11579	.04066	.04689	.03166	-.00024	-.00223	.07714
.600	-.323	-.22029	.07817	.01295	-.11195	.04158	.04590	.00686	-.00029	-.00190	.07596
.600	1.734	1.83693	.08339	.01933	-.10562	.04177	.04404	-.01662	-.00044	-.00189	.07592
.599	3.791	3.89413	.08852	.02201	-.10409	.04108	.04490	-.03978	-.00056	-.00226	.07696
.600	5.845	5.94814	.09366	.02805	-.10003	.03989	.04522	-.06428	-.00074	-.00235	.07858
	GRADIENT	1.00001	.00273	.00263	.00258	.00018	-.00077	-.01181	-.00006	.00006	-.00000

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.900	-6.607	-6.54380	.01248	-.06572	-.14896	.04689	.05590	.10606	.00031	-.01286	.08537
.900	-4.508	-4.44528	.01951	-.05810	-.13455	.04762	.04897	.07520	.00007	-.01173	.08199
.900	-2.414	-2.35088	.00229	-.07613	-.12053	.04723	.03977	.04442	-.00018	-.00954	.07699
.899	-.347	-.28408	-.01799	-.09511	-.10720	.04725	.03203	.01159	-.00041	-.00492	.07657
.899	1.730	1.79344	-.01194	-.08918	-.10416	.04779	.03191	-.02302	-.00056	.00143	.07802
.899	3.816	3.87890	.01677	-.06057	-.10997	.04791	.03838	-.05477	-.00069	.00510	.07919
.900	5.896	5.95861	.02753	-.05047	-.11365	.04733	.04249	-.08636	-.00088	.00758	.08200
	GRADIENT	.99999	-.00095	-.00086	.00315	.00005	-.00140	-.01574	-.00009	.00215	-.00022

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.599	-5.849	-5.95283	.10298	.17109	-.12488	.04126	.05430	.08004	-.00006	-.00553	.07733
.599	-3.779	-3.88301	.10106	.16808	-.11639	.04238	.05062	.05155	-.00024	-.00427	.07460
.599	-1.708	-1.81183	.08168	.14824	-.10601	.04270	.04464	.02501	-.00032	-.00383	.07629
.600	.334	.23059	.07937	.14524	-.10353	.04362	.04410	-.00046	-.00048	-.00321	.07476
.600	2.390	2.28668	.06972	.13599	-.09716	.04345	.04130	-.02407	-.00060	-.00370	.07339
.599	4.445	4.34126	.07209	.13913	-.09561	.04313	.04338	-.04947	-.00072	-.00317	.07414
.601	6.519	6.41587	.07368	.13553	-.09254	.04184	.04564	-.07532	-.00083	-.00244	.07568
	GRADIENT	1.00000	-.00340	-.00342	.00245	.00011	-.00087	-.01222	-.00006	.00011	-.00019

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.899	-5.920	-5.98316	.06120	.13817	-.13743	.04941	.05320	.09943	.00009	-.01401	.08301
.899	-3.836	-3.89961	.03935	.11572	-.12548	.04923	.04560	.06818	-.00009	-.01292	.07851
.899	-1.745	-1.80813	.01346	.09006	-.11027	.04869	.03695	.03488	-.00035	-.00970	.07507
.900	.351	.28782	-.01184	.06637	-.09968	.04885	.03112	.00040	-.00051	-.00449	.07578
.901	2.422	2.35899	-.00673	.07256	-.09996	.04905	.03320	-.03517	-.00061	.00168	.07747
.901	4.495	4.43190	.01873	.09787	-.10631	.04907	.04039	-.06753	-.00073	.00534	.07933
.900	6.600	6.53724	.02609	.10394	-.10748	.04806	.04435	-.09915	-.00093	.00765	.08163
	GRADIENT	1.00000	-.00296	-.00257	.00234	.00000	-.00068	-.01639	-.00007	.00230	.00019

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.097	-5.964	-6.02857	.07301	.25736	-.12301	.08822	.04669	.10394	.00002	-.01462	.09443
1.098	-3.835	-3.89965	.06618	.25024	-.10890	.08875	.04009	.06622	-.00030	-.01147	.09116
1.100	-1.738	-1.80248	.04591	.22954	-.09504	.09000	.03191	.03230	-.00060	-.00838	.08916
1.102	.349	.28405	.00734	.19036	-.08178	.09247	.02343	-.00089	-.00074	-.00368	.09109
1.100	2.456	2.39167	.02995	.21367	-.08359	.09127	.02735	-.03317	-.00072	.00000	.08980
1.102	4.523	4.45786	.05434	.23735	-.08761	.09144	.03311	-.06694	-.00091	.00447	.09168
1.098	6.638	6.57365	.05206	.23610	-.08512	.08861	.03410	-.10170	-.00116	.00736	.09440
	GRADIENT	1.00000	-.00190	-.00200	.00259	.00032	-.00089	-.01587	-.00006	.00193	.00008

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	BETATC	ALFATU	ALPHAT	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
1.248	-5.987	-6.04119	.12505	.19790	-.13119	.10083	.05449	.10144	-.00002	-.01380	.08544
1.249	-3.873	-3.92684	.13165	.20319	-.12028	.10130	.04971	.06419	-.00025	-.00936	.08249
1.250	-1.743	-1.79718	.11457	.18576	-.10623	.10188	.04199	.03108	-.00053	-.00675	.08063
1.250	.344	.28957	.10089	.17183	-.09528	.10364	.03603	.00086	-.00057	-.00341	.07960
1.252	2.453	2.39957	.09598	.16482	-.09284	.10519	.03630	-.03126	-.00062	.00028	.07958
1.251	4.537	4.48275	.11223	.18199	-.09453	.10459	.04033	-.06403	-.00080	.00365	.08108
1.250	6.661	6.60708	.09987	.17102	-.09285	.10331	.04140	-.10064	-.00108	.00759	.08355
	GRADIENT	1.00004	-.00274	-.00302	.00309	.00047	-.00116	-.01517	-.00006	.00157	-.00018

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.874	-5.920	-5.80608	-7.83140	.60028	-.23616	.03029	.02249	-.04928	.00037	.00619	.08811
-7.913	-3.912	-3.81014	-7.84930	.60112	-.22836	.03097	.01951	.02774	.00014	.00457	.08561
-7.896	-.001	.06475	-7.79285	.59930	-.22164	.03401	.01735	-.00490	-.00015	-.00242	.08491
-7.887	3.975	3.98617	-7.76555	.59985	-.21136	.03405	.01794	-.03845	-.00042	-.00829	.08640
-7.912	6.008	5.99520	-7.79145	.60028	-.20666	.03286	.01846	-.05739	-.00068	-.01028	.08839
	GRADIENT	.98849	.01061	-.00016	.00216	.00039	-.00020	-.00839	-.00007	-.00163	.00010

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.856	-5.946	-5.82326	-3.85535	.59975	-.18171	.03310	.03811	.06246	.00036	.00159	.08280
-3.842	-3.968	-3.84888	-3.81694	.60029	-.17360	.03436	.03483	.03800	.00019	.00109	.08022
-3.804	.003	.06836	-3.70114	.59989	-.15679	.03719	.02955	-.00084	-.00019	-.00266	.07957
-3.825	3.926	3.89794	-3.70584	.59967	-.14709	.03756	.02822	-.03721	-.00062	-.00644	.07952
-3.811	5.898	5.84564	-3.70118	.60024	-.14587	.03550	.03153	-.05852	-.00089	-.00708	.08025
	GRADIENT	.98135	.01410	-.00008	.00336	.00041	-.00084	-.00953	-.00010	-.00095	-.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.048	-6.519	-6.41616	-.01663	.60019	-.13448	.03837	.05514	.08388	.00013	-.00363	.07839
.064	-4.459	-4.35530	-.00088	.60007	-.12525	.04000	.05178	.05602	-.00004	-.00259	.07540
.077	-.335	-.23200	.01337	.60037	-.11154	.04156	.04577	.00420	-.00024	-.00132	.07519
.091	3.775	3.87801	.02927	.60094	-.10381	.04133	.04454	-.04376	-.00053	-.00135	.07594
.098	5.842	5.94507	.03280	.59998	-.10102	.04031	.04492	-.06901	-.00077	-.00128	.07772
	GRADIENT	.93996	.00366	.00011	.00260	.00016	-.00088	-.01212	-.00006	.00015	.00006

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.320	-6.033	-6.08313	4.43171	.60000	-.06852	.03451	.07096	.10263	.00003	-.01178	.07377
4.310	-4.044	-4.07103	4.42970	.59982	-.06340	.03521	.06835	.06735	.00006	-.00758	.07235
4.379	.004	.06653	4.48187	.60074	-.05534	.03484	.06420	.00297	-.00019	-.00220	.07307
4.325	4.047	4.16522	4.35203	.60011	-.05454	.03447	.06358	-.05138	-.00056	-.00072	.07347
4.285	6.038	6.16135	4.28644	.59915	-.05257	.03348	.06307	-.07994	-.00069	.00184	.07581
	GRADIENT	1.01800	-.00960	.00004	.00110	-.00009	-.00059	-.01467	-.00008	.00085	.00014

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.943	-6.019	-5.90303	-7.90214	.59953	-.23560	.03558	.02110	.05368	.00017	.00552	.08703
-7.855	-3.899	-3.79562	-7.79176	.60062	-.22764	.03658	.01908	.03141	-.00000	.00304	.08626
-7.891	-.010	.05635	-7.78757	.59945	-.21731	.03923	.01562	-.00347	-.00033	-.00322	.08378
-7.847	4.031	4.04066	-7.72514	.59990	-.20691	.03923	.01715	-.03779	-.00068	-.00901	.08500
-7.913	5.969	5.95695	-7.79261	.60022	-.20276	.03789	.01704	-.05674	-.00089	-.01070	.08692
	GRADIENT	.98822	.00845	-.00009	.00261	.00033	-.00024	-.00873	-.00008	-.00152	-.00016

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.859	-5.937	-5.81343	-3.86004	.59928	-.17860	.03846	.03696	.06263	.00021	.00150	.08076
-3.789	-3.921	-3.79947	-3.76658	.59398	-.16926	.03982	.03349	.03713	.00007	.00113	.07824
-3.855	-.002	.06293	-3.75167	.60006	-.15241	.04270	.02795	-.00167	-.00026	-.00220	.07751
-3.828	3.926	3.89644	-3.71012	.60025	-.14209	.04286	.02734	-.03730	-.00062	-.00626	.07760
-3.830	5.917	5.86633	-3.71737	.59904	-.14221	.04180	.03027	-.05919	-.00092	-.00723	.07871
	GRADIENT	.98073	.00720	.00016	.00346	.00039	-.00078	-.00948	-.00009	-.00094	-.00008

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.048	-6.519	-6.41616	-.01663	.60019	-.13448	.03837	.05514	.08388	.00013	-.00363	.07839
.064	-4.459	-4.35530	-.00088	.60007	-.12525	.04000	.05178	.05602	-.00004	-.00259	.07540
.077	-.335	-.23200	.01337	.60037	-.11154	.04156	.04577	.00420	-.00024	-.00132	.07519
.091	3.775	3.87801	.02927	.60094	-.10381	.04133	.04454	-.04376	-.00053	-.00135	.07594
.098	5.842	5.94507	.03280	.59998	-.10102	.04031	.04492	-.06901	-.00077	-.00128	.07772
	GRADIENT	.99996	.00366	.00011	.00260	.00016	-.00088	-.01212	-.00006	.00015	.00006

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.330	-6.015	-6.06532	4.44004	.60053	-.06424	.03980	.06929	.10070	.00005	-.01110	.07162
4.335	-4.065	-4.09794	4.44756	.60273	-.05880	.04031	.06681	.06678	.00008	-.00710	.07047
4.355	-.009	.05785	4.45883	.59930	-.05106	.04029	.06241	.00300	-.00020	-.00206	.07105
4.320	4.058	4.17750	4.34619	.59976	-.04953	.03966	.06181	-.05208	-.00055	-.00035	.07142
4.311	6.077	6.20135	4.31124	.59865	-.04638	.03871	.06110	-.08170	-.00074	.00233	.07365
	GRADIENT	1.01870	-.01249	-.00037	.00114	-.00008	-.00062	-.01463	-.00008	.00083	.00012

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT15) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .800 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.943	-5.906	-5.80626	-7.94061	.89944	-.27103	.04599	.02817	.07890	.00042	-.00806	.09506
-7.910	-3.880	-3.78259	-7.88879	.89926	-.25996	.04732	.02445	.04704	.00015	-.00605	.09248
-7.933	.006	.08491	-7.86983	.90073	-.23683	.04915	.01427	-.00784	-.00026	-.00099	.09237
-7.949	3.960	4.00108	-7.85678	.90059	-.23202	.04909	.01684	-.05870	-.00051	.00229	.09213
-7.947	5.985	6.00696	-7.84969	.89926	-.22937	.04833	.01690	-.08414	-.00071	.00220	.09418
	GRADIENT	.99877	.00408	.00018	.00356	.00023	-.00097	-.01349	-.00008	.00106	-.00005

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.891	-5.970	-5.87538	-3.92334	.89971	-.19931	.04765	.04073	.08497	.00044	-.01045	.08890
-3.846	-3.953	-3.85437	-3.85896	.89956	-.18510	.04886	.03567	.05406	.00018	-.00833	.08549
-3.854	.002	.08015	-3.79118	.90043	-.15652	.05067	.02353	-.00148	-.00031	-.00196	.08444
-3.848	3.941	3.94882	-3.74838	.89953	-.15861	.05064	.02960	-.05132	-.00055	.00205	.08319
-3.826	5.898	5.88609	-3.72639	.90023	-.15855	.04953	.03186	-.07821	-.00075	.00347	.08485
	GRADIENT	.98344	.01401	-.00000	.00336	.00023	-.00077	-.01335	-.00009	.00132	-.00029

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.010	-6.604	-6.54115	-.06758	.89977	-.14864	.04765	.05655	.10470	.00025	-.01234	.08521
.019	-4.510	-4.44689	-.05818	.89930	-.13504	.04853	.05005	.07214	.00002	-.01073	.08238
-.015	-.337	-.27371	-.09367	.90071	-.10653	.04809	.03221	.00909	-.00045	-.00397	.07644
.021	3.814	3.87675	-.05706	.90041	-.11163	.04852	.03897	-.05762	-.00067	.00566	.07895
.037	5.903	5.96585	-.04140	.90013	-.11456	.04819	.04312	-.08952	-.00086	.00816	.08206
	GRADIENT	1.00000	.00013	.00013	.00282	-.00000	-.00133	-.01559	-.00008	.00197	-.00041

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.375	-6.032	-6.04105	4.47449	.89932	-.06138	.04644	.05289	.10910	.00027	-.01381	.07946
4.348	-4.031	-4.02003	4.44808	.90011	-.05110	.04711	.05759	.07485	.00018	-.01170	.07811
4.335	-.002	.07618	4.39823	.89987	-.02535	.04775	.04153	.00380	-.00028	-.00223	.07443
4.324	4.034	4.13247	4.31424	.89896	-.03514	.04583	.04824	-.06360	-.00057	.00766	.07511
4.291	6.010	6.10534	4.26083	.90003	-.03769	.04542	.04957	-.09586	-.00077	.01076	.07837
	GRADIENT	1.01096	-.01660	-.00014	.00198	-.00016	-.00116	-.01717	-.00009	.00243	-.00037

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT16) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-8.030	-5.984	-5.84345	-8.06090	.94921	-.27369	.05407	.01971	.09814	.00051	-.01580	.09881
-7.985	-3.971	-3.82592	-7.98993	.95080	-.26103	.05496	.01512	.06165	.00022	-.01227	.09556
-8.004	-.008	.12110	-7.94065	.94952	-.23700	.05607	.00453	-.00584	-.00022	-.00205	.09458
-7.980	3.971	4.05537	-7.86447	.94897	-.23205	.05623	.00763	-.06760	-.00049	.00591	.09631
-7.980	5.973	6.03452	-7.85062	.94927	-.22857	.05576	.00757	-.09793	-.00078	.00805	.09886
	GRADIENT	.99240	.01580	-.00023	.00365	.00016	-.00094	-.01627	-.00049	.00223	.00010

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.889	-5.922	-5.79942	-3.96592	.95012	-.19519	.05510	.03279	.09853	.00058	-.01721	.09285
-3.921	-4.009	-3.87495	-3.97209	.94951	-.18375	.05569	.02881	.06360	.00031	-.01265	.08999
-3.915	.009	.13768	-3.85125	.94891	-.15395	.05761	.01739	-.00090	-.00024	-.00285	.08969
-3.860	3.926	3.96944	-3.72285	.94994	-.15271	.05778	.02118	-.05786	-.00055	.00510	.08836
-3.870	5.920	5.93551	-3.72643	.95022	-.15178	.05712	.02209	-.08862	-.00078	.00768	.09219
	GRADIENT	.98853	.03140	.00005	.00393	.00026	-.00097	-.01531	-.00011	.00224	-.00020

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.019	-6.616	-6.55297	-.11043	.94942	-.14182	.05436	.05185	.11012	.00044	-.01522	.08957
.036	-4.522	-4.45907	-.09276	.94942	-.12736	.05521	.04664	.07424	.00013	-.01195	.08745
.015	-.341	-.27768	-.11385	.94952	-.09729	.05564	.03045	.00776	-.00036	-.00277	.08440
.038	3.821	3.88385	-.09148	.94977	-.10115	.05610	.03537	-.05556	-.00070	.00599	.08629
.045	5.912	5.97497	-.08450	.94948	-.10177	.05591	.03745	-.08592	-.00089	.00783	.08904
	GRADIENT	1.00000	.00015	.00004	.00314	.00011	-.00135	-.01556	-.00010	.00215	-.00014

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.364	-6.005	-5.98617	4.50537	.94830	-.05889	.05411	.06015	.11651	.00032	-.01699	.08541
4.322	-4.002	-3.95399	4.45917	.95104	-.04886	.05467	.05392	.08127	.00022	-.01467	.08320
4.357	-.005	.12523	4.42043	.95093	-.02344	.05398	.03776	.00499	-.00022	-.00287	.07954
4.335	4.036	4.17156	4.28936	.94917	-.03245	.05260	.04706	-.06702	-.00050	.00821	.08182
4.321	5.996	6.12003	4.24854	.94990	-.03494	.05292	.04988	-.09836	-.00076	.01074	.08564
	GRADIENT	1.01094	-.02127	-.00023	.00203	-.00026	-.00085	-.01845	-.00009	.00285	-.00017

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-8.046	-6.029	-5.84495	-8.11138	1.09902	-.28077	.08597	.01790	.10233	.00042	-.01282	.10574
-7.989	-3.976	-3.78331	-8.01937	1.09879	-.26728	.08663	.01346	.06074	.00019	-.00817	.10206
-8.009	.015	.19926	-7.94467	1.09753	-.24156	.08702	.00124	-.00872	-.00032	-.00127	.10176
-8.032	3.951	4.08432	-7.88910	1.09756	-.23388	.08778	.00047	-.07099	-.00072	.00385	.10313
-8.035	5.996	6.09997	-7.86960	1.09744	-.23056	.08693	.00085	-.10408	-.00098	.00643	.10505
	GRADIENT	.99249	.01644	-.00016	.00422	.00014	-.00164	-.01662	-.00011	.00152	.00013

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.926	-5.954	-5.00315	-4.04887	1.10051	-.19955	.08660	.03193	.10250	.00048	-.01594	.09790
-3.891	-3.969	-3.79730	-3.98195	1.10016	-.18674	.08780	.02735	.06382	.00022	-.01064	.09445
-3.871	.004	.18768	-3.80717	1.10092	-.15421	.08942	.01318	-.00511	-.00023	-.00097	.09480
-3.894	3.919	3.99868	-3.71554	1.09873	-.14973	.09038	.01412	-.06352	-.00057	.00432	.09630
-3.879	5.933	5.97533	-3.68839	1.09740	-.15075	.08845	.01694	-.09704	-.00088	.00789	.09761
	GRADIENT	.98828	.03380	-.00018	.00470	.00033	-.00168	-.01614	-.00010	.00190	.00023

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.021	-6.647	-6.58274	-.16203	1.10124	-.13852	.08789	.05089	.11713	.00035	-.01691	.09560
.037	-4.530	-4.46498	-.14761	1.09850	-.12431	.08759	.04555	.07694	.00008	-.01219	.09206
.004	-.329	-.26449	-.18078	1.09746	-.09296	.08890	.02744	.00863	-.00039	-.00378	.09123
.042	3.833	3.89742	-.14211	1.09879	-.09313	.08978	.03113	-.05576	-.00062	.00423	.09290
.066	5.942	6.00599	-.11780	1.10119	-.09759	.09011	.03634	-.09295	-.00084	.00900	.09434
	GRADIENT	.99999	.00064	.00003	.00373	.00026	-.00173	-.01587	-.00008	.00196	.00010

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.420	-6.024	-5.97532	4.60823	1.10088	-.05890	.08756	.06643	.10658	.00011	-.01097	.09054
4.419	-4.042	-3.95751	4.59449	1.10013	-.04499	.08761	.05720	.07477	-.00006	-.01041	.08744
4.417	.000	.18351	4.48173	1.10166	-.02604	.08725	.04419	.00211	-.00025	-.00048	.08471
4.374	4.041	4.21733	4.28932	1.09736	-.03139	.08587	.04714	-.06808	-.00049	.00908	.08992
4.354	6.006	6.16249	4.23718	1.09837	-.03591	.08584	.05162	-.09981	-.00066	.01077	.09246
	GRADIENT	1.01134	-.03775	-.00034	.00168	-.00022	-.00124	-.01767	-.00005	.00241	.00031

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT18) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.999	-5.912	-5.74561	-8.05083	1.14910	-.27944	.08943	.01995	.09596	.00018	-.01239	.10059
-7.985	-3.968	-3.79580	-8.00597	1.14908	-.26791	.09064	.01627	.05645	-.00009	-.00767	.09723
-8.033	.018	.18029	-7.96981	1.14952	-.24416	.09187	.00498	-.00826	-.00056	-.00283	.09714
-8.030	3.977	4.08927	-7.89958	1.15201	-.23537	.09300	.00392	-.06885	-.00104	.00287	.09827
-7.994	5.972	6.05840	-7.84447	1.15037	-.23111	.09166	.00437	-.10281	-.00128	.00647	.10010
	GRADIENT	.99239	.01338	.00037	.00410	.00030	-.00156	-.01577	-.00012	.00133	.00013

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.891	-5.925	-5.78620	-3.99607	1.14953	-.20118	.09108	.03358	.09638	.00017	-.01436	.09400
-3.915	-4.003	-3.84761	-3.99039	1.15108	-.18909	.09258	.02916	.06232	-.00005	-.01080	.09071
-3.865	.098	.25700	-3.79831	1.15088	-.15520	.09431	.01550	-.00713	-.00054	-.00159	.09015
-3.887	3.960	4.02392	-3.72721	1.15157	-.15089	.09567	.01756	-.06484	-.00089	.00382	.09202
-3.908	6.012	6.04407	-3.73591	1.14790	-.15126	.09377	.01993	-.09891	-.00116	.00750	.09310
	GRADIENT	.98867	.03319	.00006	.00483	.00039	-.00148	-.01598	-.00011	.00184	.00016

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.033	-6.658	-6.59539	-.12892	1.14854	-.14026	.09152	.05232	.11807	.00011	-.01840	.09114
.054	-4.533	-4.47017	-.10635	1.15182	-.12804	.09287	.04785	.07853	-.00018	-.01407	.08748
.020	-.328	-.26537	-.14072	1.15096	-.09687	.09477	.02926	.00974	-.00059	-.00538	.08678
.038	3.840	3.90307	-.12476	1.14807	-.09468	.09466	.03123	-.05690	-.00088	.00451	.08853
.051	5.949	6.01168	-.11108	1.14941	-.09773	.09372	.03513	-.09159	-.00109	.00720	.09075
	GRADIENT	1.00001	-.00221	-.00045	.00399	.00021	-.00199	-.01617	-.00008	.00222	.00013

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.470	-6.007	-5.96875	4.63907	1.15084	-.05798	.09138	.06785	.10904	-.00009	-.01452	.08707
4.431	-4.017	-3.94607	4.59091	1.14825	-.04565	.09127	.06036	.07373	-.00026	-.01297	.08449
4.456	.001	.16242	4.51906	1.14906	-.03025	.09135	.04883	.00109	-.00047	-.00154	.08183
4.404	4.050	4.20903	4.33467	1.15026	-.03563	.09119	.05084	-.06871	-.00071	.00802	.08484
4.360	5.991	6.13266	4.26249	1.15184	-.03854	.09065	.05385	-.10062	-.00090	.01047	.08725
	GRADIENT	1.01094	-.03178	.00025	.00124	-.00001	-.00118	-.01766	-.00006	.00260	.00004

IA183,ALPHA-BETA UNCORR FLOW ANG (TS-S) (X4QT19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-7.905	-6.000	-5.91008	-7.90765	1.24899	-.28020	.09624	.02744	.09329	.00025	-.00814	.09371
-7.941	-3.998	-3.90833	-7.92707	1.24856	-.26885	.09732	.02270	.04926	-.00006	-.00047	.09157
-7.973	-.004	.06561	-7.91936	1.25101	-.24588	.09953	.01004	-.00490	-.00046	-.00171	.09075
-8.002	3.990	4.02953	-7.91994	1.24809	-.24264	.10090	.01047	-.06034	-.00091	-.00027	.09082
-7.983	5.998	6.01970	-7.89618	1.24937	-.24075	.10045	.01098	-.09582	-.00118	.00341	.09209
	GRADIENT	.99369	.00089	-.00006	.00328	.00045	-.00153	-.01372	-.00011	.00002	-.00009

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
-3.867	-6.009	-5.92613	-3.89849	1.25073	-.20030	.09819	.04003	.10203	.00016	-.01343	.08895
-3.808	-3.981	-3.89194	-3.82412	1.24895	-.18729	.09919	.03544	.06270	-.00008	-.00766	.08696
-3.857	-.011	.06005	-3.80261	1.25031	-.16058	.10181	.02106	-.00054	-.00049	-.00134	.08462
-3.831	3.961	3.96823	-3.74341	1.25127	-.15782	.10321	.02232	-.05906	-.00077	.00271	.08576
-3.833	5.920	5.91091	-3.74472	1.25083	-.15550	.10262	.02271	-.09191	-.00107	.00521	.08687
	GRADIENT	.98980	.01016	.00029	.00371	.00051	-.00165	-.01533	-.00009	.00131	-.00015

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
.130	-6.665	-6.61095	.05556	1.24715	-.13965	.09859	.06191	.11348	.00005	-.01818	.08601
.151	-4.545	-4.49072	.08129	1.25130	-.12640	.09906	.05654	.07481	-.00021	-.01202	.08261
.143	-.329	-.27496	.07330	1.25125	-.09869	.10015	.04112	.00873	-.00057	-.00491	.08096
.156	3.858	3.91211	.08725	1.25211	-.09565	.10034	.04248	-.05392	-.00080	.00238	.08322
.151	5.967	6.02150	.07974	1.24941	-.09538	.10006	.04366	-.08911	-.00102	.00576	.08397
	GRADIENT	.99999	.00071	.00010	.00366	.00015	-.00168	-.01532	-.00007	.00171	.00007

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	BETATC	ALFATC	MACH	CNFT	CAFT	CLMFT	CYFT	CBLFT	CYNFT	CABT
4.545	-6.052	-6.05633	4.63462	1.24907	-.06913	.09668	.07743	.10840	-.00009	-.01139	.08189
4.516	-4.053	-4.04141	4.60331	1.25116	-.05588	.09729	.06961	.07515	-.00029	-.01101	.07911
4.521	-.000	.07302	4.57512	1.24786	-.03367	.09721	.05490	.01025	-.00042	-.00505	.07550
4.457	4.033	4.12271	4.44419	1.24862	-.03558	.09614	.05978	-.05034	-.00065	.00401	.07940
4.421	6.014	6.09949	4.39095	1.24836	-.03861	.09554	.06138	-.09551	-.00080	.00876	.08150
	GRADIENT	1.00966	-.01967	-.00031	.00251	-.00014	-.00134	-.01551	-.00004	.00186	.00003

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 876.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-7.893	-.37541	-.35460	-.35336	-.37193	-.38326	-.44766	-.39714	-.39933
.600	-5.886	-.38037	-.34207	-.33952	-.35739	-.36481	-.42061	-.37898	-.37918
.601	-3.833	-.34898	-.32738	-.33061	-.34774	-.35064	-.41130	-.36322	-.36980
.599	-1.795	-.34359	-.31182	-.32530	-.34386	-.34474	-.40758	-.36194	-.36611
.600	.207	-.33696	-.30933	-.32054	-.33347	-.33647	-.39576	-.35848	-.35850
.600	2.280	-.32371	-.29499	-.31074	-.32027	-.32098	-.37768	-.35283	-.35317
.599	4.299	-.32167	-.29619	-.30168	-.31512	-.32439	-.39615	-.35696	-.35114
.600	6.349	-.31766	-.28898	-.29388	-.30918	-.32404	-.40479	-.36246	-.35849
.600	8.419	-.31447	-.28281	-.28797	-.30539	-.32374	-.40980	-.36887	-.36843
	GRADIENT	.00367	.00390	.00356	.00436	.00375	.00297	.00106	.00247

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.900	-7.961	-.41334	-.37028	-.40074	-.40835	-.42560	-.46431	-.39890	-.39543
.898	-5.867	-.39637	-.35740	-.38327	-.39406	-.40764	-.44461	-.37969	-.36862
.901	-3.912	-.38031	-.34331	-.36798	-.37913	-.39024	-.42499	-.36456	-.35610
.900	-1.879	-.35278	-.31541	-.34596	-.34925	-.35540	-.38836	-.35137	-.35187
.898	.203	-.33801	-.29217	-.33289	-.33712	-.33760	-.36981	-.34948	-.34818
.899	2.247	-.33766	-.28659	-.33333	-.33658	-.33725	-.36744	-.34748	-.35442
.900	4.310	-.33389	-.29053	-.32960	-.33247	-.33432	-.36258	-.35364	-.36640
.900	6.314	-.32705	-.29097	-.32158	-.32616	-.33070	-.35430	-.37539	-.37189
.900	8.369	-.32998	-.29034	-.32339	-.32662	-.33291	-.36527	-.38949	-.38812
	GRADIENT	.00525	.00653	.00432	.00514	.00632	.00708	.00125	-.00113

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.949	-8.040	-.42524	-.39923	-.41723	-.41633	-.42673	-.46804	-.42616	-.42271
.951	-5.997	-.41174	-.38250	-.40078	-.40450	-.41490	-.46130	-.41480	-.41170
.953	-3.846	-.40412	-.36676	-.39039	-.39831	-.41249	-.45941	-.39773	-.39832
.950	-1.826	-.39184	-.36009	-.38006	-.38560	-.39876	-.44131	-.38516	-.38644
.952	.241	-.37619	-.34266	-.36874	-.37009	-.37803	-.41608	-.38055	-.38150
.950	2.253	-.36440	-.31466	-.35999	-.36273	-.36399	-.39533	-.38359	-.38951
.948	4.313	-.35686	-.30989	-.35255	-.35601	-.35723	-.38609	-.38607	-.39680
.949	6.341	-.35675	-.31910	-.35105	-.35600	-.35813	-.38632	-.40059	-.40391
.949	8.332	-.35964	-.31593	-.35292	-.35936	-.36158	-.39434	-.41565	-.41828
	GRADIENT	.00598	.00780	.00469	.00530	.00712	.00939	.00122	-.00000

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.100	-8.057	-.45646	-.42496	-.43213	-.45447	-.47676	-.53000	-.52772	-.53761
1.099	-6.012	-.44354	-.40785	-.41819	-.44163	-.46325	-.52178	-.51720	-.51783
1.102	-3.855	-.42192	-.38573	-.39849	-.41938	-.43900	-.49589	-.50614	-.50312
1.099	-1.802	-.40971	-.37434	-.38699	-.40757	-.42604	-.48220	-.49064	-.49928
1.099	.229	-.40657	-.37306	-.38050	-.40669	-.42672	-.48333	-.48355	-.49405
1.099	2.295	-.38983	-.33829	-.37066	-.39221	-.40529	-.45196	-.48929	-.48694
1.100	4.366	-.37928	-.33118	-.36132	-.37914	-.39100	-.44201	-.49153	-.48841
1.101	6.381	-.37006	-.32528	-.35278	-.36969	-.38112	-.43032	-.49688	-.49761
1.102	8.372	-.36796	-.32619	-.34532	-.37116	-.38114	-.43743	-.51229	-.51690
	GRADIENT	.00512	.00707	.00442	.00467	.00569	.00682	.00148	.00203

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-9.368	-.40890	-.38066	-.38793	-.40269	-.42897	-.47687	-.48095	-.48499
1.251	-7.082	-.39654	-.36349	-.37468	-.39077	-.41927	-.46662	-.47049	-.46637
1.251	-4.729	-.38125	-.34751	-.35967	-.37389	-.40035	-.45485	-.45859	-.45358
1.249	-2.450	-.36637	-.33026	-.34746	-.35870	-.37817	-.43740	-.44690	-.45059
1.249	-.195	-.35693	-.31890	-.34045	-.34709	-.37084	-.42293	-.43999	-.44695
1.249	2.044	-.35094	-.30877	-.33563	-.34173	-.36234	-.41552	-.43998	-.43824
1.251	4.256	-.33719	-.28117	-.32444	-.32783	-.34855	-.39895	-.44117	-.43478
1.252	6.339	-.33076	-.27552	-.31797	-.32077	-.34460	-.39172	-.44669	-.44559
1.250	8.573	-.32607	-.27866	-.31063	-.31701	-.33661	-.39307	-.46079	-.46516
	GRADIENT	.00461	.00688	.00368	.00486	.00532	.00595	.00187	.00222

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4Q802) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.601	-8.700	-.37922	-.35639	-.35862	-.37373	-.38735	-.45022	-.40486	-.40690
.600	-4.450	-.35050	-.33011	-.33125	-.34924	-.35306	-.41456	-.36657	-.37106
.600	-2.397	-.34430	-.31973	-.32653	-.34440	-.34577	-.40422	-.36545	-.36967
.600	-.176	-.33790	-.31239	-.32128	-.33711	-.33752	-.39693	-.35993	-.36148
.600	1.896	-.32732	-.29589	-.31507	-.32548	-.32546	-.37754	-.35573	-.35583
.600	3.995	-.32058	-.29315	-.30136	-.31463	-.32389	-.39237	-.35860	-.35174
.599	8.278	-.31553	-.28310	-.28915	-.30681	-.32577	-.40975	-.37260	-.36942
	GRADIENT	.00362	.00461	.00336	.00416	.00371	.00336	.00122	.00248

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.099	-8.020	-.45573	-.42358	-.43118	-.45376	-.47653	-.52984	-.52686	-.53701
1.101	-5.968	-.44172	-.40633	-.41632	-.43983	-.46152	-.51990	-.51656	-.51588
1.099	-3.861	-.42472	-.38833	-.40093	-.42195	-.44235	-.50079	-.50644	-.50327
1.102	-1.846	-.40774	-.37204	-.38507	-.40508	-.42424	-.48002	-.49242	-.49782
1.101	.244	-.40510	-.37116	-.37935	-.40512	-.42496	-.48140	-.48468	-.49320
1.099	2.310	-.39065	-.34025	-.37120	-.38285	-.40642	-.45329	-.49044	-.48739
1.099	4.364	-.37893	-.33159	-.36076	-.37899	-.39079	-.44169	-.49179	-.48890
1.099	6.325	-.37008	-.32573	-.35257	-.36986	-.38122	-.43064	-.49789	-.49808
1.099	8.417	-.36795	-.32496	-.34471	-.37149	-.38186	-.43874	-.51235	-.51927
	GRADIENT	.00527	.00705	.00457	.00479	.00587	.00703	.00151	.00190

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-9.329	-.40913	-.38095	-.39815	-.40282	-.42976	-.47687	-.48095	-.48499
1.250	-7.009	-.39588	-.36284	-.37400	-.39009	-.41850	-.46612	-.46969	-.46506
1.248	-4.752	-.38265	-.34839	-.36116	-.37544	-.40120	-.45628	-.45849	-.45508
1.249	-2.505	-.36827	-.33207	-.34957	-.36050	-.37992	-.43891	-.44789	-.45304
1.251	-.188	-.35712	-.31966	-.34081	-.34736	-.37057	-.42258	-.44027	-.44628
1.252	2.083	-.34981	-.30880	-.33420	-.34044	-.36144	-.41491	-.43847	-.43673
1.251	4.200	-.33701	-.28193	-.32415	-.32732	-.34832	-.39920	-.43996	-.43408
1.250	6.366	-.33278	-.27760	-.31993	-.32285	-.34685	-.39380	-.44758	-.44612
1.249	8.571	-.32723	-.27918	-.31205	-.31799	-.33753	-.39399	-.46222	-.46702
	GRADIENT	.00488	.00693	.00397	.00517	.00552	.00614	.00208	.00260

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-8.019	-.40255	-.37210	-.38049	-.39732	-.42915	-.46948	-.47481	-.47290
1.251	-5.950	-.38929	-.35774	-.36748	-.38352	-.41131	-.45915	-.46247	-.45669
1.250	-3.802	-.37424	-.34053	-.35331	-.36617	-.38973	-.44882	-.45107	-.44992
1.249	-1.744	-.36185	-.32661	-.34475	-.35431	-.37345	-.42718	-.44147	-.44923
1.253	.328	-.35506	-.31852	-.33870	-.34537	-.36881	-.42007	-.43770	-.44321
1.249	2.440	-.34571	-.30054	-.33049	-.33748	-.35649	-.41007	-.43552	-.43469
1.253	4.428	-.33333	-.28089	-.32211	-.32398	-.34273	-.39048	-.43818	-.43537
1.249	6.448	-.32813	-.27210	-.31603	-.31888	-.34164	-.38658	-.44734	-.44858
1.248	8.485	-.32705	-.28227	-.31148	-.31949	-.33767	-.39160	-.46074	-.46796
	GRADIENT	.00474	.00704	.00371	.00490	.00537	.00647	.00154	.00212

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.102	-8.021	-.45483	-.42409	-.43111	-.45172	-.47472	-.52793	-.52826	-.53693
1.098	-6.001	-.44368	-.40803	-.41813	-.44260	-.46345	-.52135	-.51585	-.51840
1.100	-3.521	-.42347	-.38674	-.39992	-.42123	-.44099	-.49342	-.50666	-.50311
1.098	-1.841	-.41070	-.37542	-.38780	-.40829	-.42762	-.48374	-.49171	-.49951
1.099	.211	-.40698	-.37376	-.38072	-.40718	-.42749	-.48394	-.48309	-.49447
1.102	2.330	-.38759	-.33499	-.36862	-.38593	-.40343	-.44929	-.48911	-.48560
1.102	4.348	-.37869	-.33130	-.36067	-.37879	-.39065	-.44094	-.49074	-.48769
1.100	6.394	-.36996	-.32543	-.35270	-.36988	-.38095	-.43003	-.49784	-.49849
1.101	8.369	-.36527	-.32631	-.34521	-.36838	-.37349	-.42914	-.51131	-.51646
	GRADIENT	.00544	.00732	.00472	.00499	.00602	.00722	.00166	.00217

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.249	-9.328	-.40943	-.38158	-.38843	-.40296	-.42998	-.47742	-.48142	-.48554
1.250	-7.033	-.39415	-.36132	-.37294	-.38954	-.41398	-.46370	-.46990	-.46534
1.251	-4.739	-.38162	-.34790	-.36044	-.37435	-.39985	-.45438	-.45805	-.45413
1.249	-2.519	-.36770	-.33151	-.34928	-.35978	-.37942	-.43771	-.44741	-.45264
1.249	-.157	-.35630	-.31882	-.33993	-.34657	-.37022	-.42164	-.43942	-.44558
1.251	2.033	-.34911	-.30816	-.33367	-.33992	-.36056	-.41356	-.43800	-.43647
1.252	4.241	-.33628	-.28097	-.32392	-.32674	-.34736	-.39701	-.44030	-.43406
1.251	6.325	-.33210	-.27616	-.31933	-.32226	-.34597	-.39305	-.44784	-.44602
1.250	8.573	-.32732	-.28004	-.31202	-.31825	-.33773	-.39391	-.46209	-.46689
	GRADIENT	.00485	.00697	.00394	.00511	.00550	.00617	.00200	.00250

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.098	-8.024	-.45544	-.42399	-.43115	-.45297	-.47583	-.52940	-.52773	-.53682
1.100	-5.999	-.44216	-.40673	-.41680	-.44045	-.46185	-.52008	-.51629	-.51645
1.102	-3.911	-.42265	-.38601	-.39917	-.42015	-.44008	-.49769	-.50592	-.50315
1.099	-1.833	-.40960	-.37447	-.38682	-.40716	-.42624	-.48243	-.49056	-.49912
1.102	.216	-.40509	-.37141	-.37921	-.40527	-.42554	-.48111	-.48433	-.49210
1.101	2.331	-.39805	-.33578	-.36900	-.39047	-.40406	-.44971	-.48909	-.48543
1.100	4.336	-.37908	-.33110	-.36116	-.37901	-.39119	-.44134	-.49206	-.48779
1.102	6.347	-.37007	-.32550	-.35339	-.36944	-.38032	-.42932	-.49713	-.49755
1.099	8.421	-.36576	-.32661	-.34584	-.36865	-.37399	-.42955	-.51197	-.51720
	GRADIENT	.00526	.00720	.00454	.00479	.00581	.00705	.00142	.00215

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.249	-9.300	-.41010	-.38211	-.38911	-.40357	-.43076	-.47805	-.48119	-.48596
1.249	-7.036	-.39458	-.36193	-.37321	-.38889	-.41485	-.46443	-.46962	-.46542
1.252	-4.744	-.38004	-.34671	-.35299	-.37283	-.39807	-.45238	-.45793	-.45292
1.252	-2.522	-.36681	-.33069	-.34813	-.35906	-.37859	-.43731	-.44745	-.45150
1.249	-.196	-.35742	-.31953	-.34118	-.34752	-.37125	-.42278	-.44011	-.44699
1.249	2.086	-.34972	-.30726	-.33439	-.34057	-.36094	-.41440	-.43914	-.43711
1.250	4.212	-.33607	-.28002	-.32379	-.32633	-.34695	-.39721	-.44067	-.43421
1.251	6.329	-.33044	-.27442	-.31768	-.32062	-.34430	-.39135	-.44799	-.44610
1.251	8.575	-.32631	-.27814	-.31123	-.31695	-.33576	-.39289	-.46152	-.46624
	GRADIENT	.00466	.00694	.00373	.00495	.00532	.00591	.00191	.00230

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-8.153	-.37657	-.35625	-.35306	-.37589	-.38740	-.44775	-.40589	-.40271
.600	-6.027	-.35902	-.34216	-.33545	-.35935	-.36735	-.42940	-.38645	-.38198
.600	-3.885	-.34548	-.32797	-.32322	-.34774	-.35131	-.41120	-.37073	-.36819
.600	-1.741	-.33788	-.31968	-.31546	-.34185	-.34336	-.40227	-.36974	-.36756
.601	.341	-.33057	-.31351	-.30812	-.33516	-.33558	-.39422	-.36234	-.36023
.600	2.472	-.32581	-.30263	-.30425	-.33111	-.33166	-.38746	-.36008	-.35744
.599	4.591	-.32341	-.29803	-.29506	-.32184	-.33418	-.41176	-.35669	-.35364
.601	6.736	-.31949	-.28946	-.28822	-.31775	-.33252	-.41698	-.36681	-.36058
.600	8.870	-.31701	-.28202	-.28377	-.31522	-.33143	-.42127	-.37553	-.36829
	GRADIENT	.00266	.00363	.00319	.00295	.00217	.00065	.00178	.00185

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4Q806) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.899	-8.441	-.41286	-.36854	-.39718	-.41213	-.43031	-.46505	-.41177	-.41066
.899	-6.205	-.39344	-.35107	-.37833	-.39531	-.40922	-.44096	-.39075	-.38677
.900	-4.028	-.37624	-.33673	-.36302	-.38002	-.38769	-.41721	-.37145	-.36435
.901	-1.877	-.35012	-.31830	-.33938	-.35039	-.35575	-.38782	-.35686	-.35580
.901	.305	-.33926	-.30652	-.32907	-.34098	-.34366	-.37566	-.35572	-.35115
.901	2.473	-.33623	-.29779	-.32685	-.33926	-.34134	-.37012	-.35646	-.35763
.901	4.650	-.32865	-.29270	-.31964	-.33142	-.33290	-.36139	-.36404	-.36699
.901	6.813	-.32389	-.28901	-.31434	-.32658	-.32985	-.35703	-.38760	-.37653
.902	9.011	-.33080	-.29422	-.32002	-.33164	-.33738	-.37013	-.39787	-.39217
	GRADIENT	.00502	.00500	.00457	.00501	.00575	.00596	.00070	-.00033

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.097	-8.736	-.46456	-.43534	-.44356	-.46147	-.47958	-.53187	-.55239	-.54283
1.098	-6.465	-.44979	-.41564	-.42617	-.44925	-.46715	-.52193	-.52941	-.51851
1.098	-4.197	-.42885	-.38804	-.40658	-.42741	-.44592	-.50053	-.51813	-.50209
1.101	-1.919	-.41060	-.37288	-.39016	-.40644	-.42317	-.48186	-.50250	-.49270
1.101	.314	-.40441	-.36927	-.38205	-.40174	-.41885	-.47753	-.49594	-.48891
1.103	2.558	-.38917	-.34633	-.37173	-.38928	-.39906	-.44934	-.49747	-.48554
1.101	4.738	-.37642	-.33207	-.36094	-.37480	-.38214	-.43587	-.50013	-.49035
1.102	6.858	-.37005	-.32762	-.35477	-.36719	-.37367	-.43102	-.50274	-.50126
1.101	9.041	-.37226	-.33278	-.35572	-.37350	-.37291	-.43252	-.51728	-.51936
	GRADIENT	.00566	.00620	.00492	.00548	.00679	.00725	.00185	.00138

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.251	-8.777	-.40626	-.37691	-.38271	-.40261	-.43086	-.47644	-.48581	-.48579
1.251	-6.466	-.39407	-.36006	-.37063	-.38935	-.41922	-.46649	-.47645	-.46812
1.251	-4.132	-.37770	-.34252	-.35534	-.37082	-.39547	-.45423	-.46407	-.45623
1.249	-1.895	-.36612	-.32911	-.34567	-.35959	-.37945	-.43973	-.45358	-.45125
1.249	.391	-.35705	-.31989	-.33758	-.34784	-.37235	-.42977	-.44037	-.44443
1.249	2.663	-.34960	-.30987	-.33157	-.34117	-.36382	-.41879	-.43790	-.43970
1.250	4.802	-.33787	-.28599	-.32554	-.32641	-.34939	-.39956	-.43959	-.43799
1.251	6.970	-.33361	-.27975	-.32042	-.32162	-.34810	-.39748	-.44782	-.44825
1.250	9.159	-.33061	-.28933	-.31444	-.32175	-.34026	-.39792	-.46214	-.46811
	GRADIENT	.00429	.00588	.00329	.00478	.00480	.00580	.00289	.00215

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.248	-8.747	-.40793	-.37960	-.38449	-.40391	-.43416	-.47694	-.48525	-.48852
1.247	-6.464	-.39545	-.36314	-.37203	-.39062	-.41925	-.46812	-.47622	-.46900
1.249	-4.165	-.37690	-.34290	-.35499	-.37069	-.39354	-.45152	-.46607	-.45639
1.250	-1.868	-.36516	-.32982	-.34494	-.35917	-.37877	-.43668	-.45279	-.44976
1.249	.412	-.35829	-.32302	-.33858	-.34930	-.37495	-.43029	-.44148	-.44512
1.252	2.678	-.34857	-.30961	-.33075	-.34022	-.36266	-.41687	-.43857	-.43829
1.249	4.815	-.34014	-.29179	-.32758	-.32934	-.35014	-.40138	-.44169	-.44090
1.251	6.995	-.33288	-.28452	-.31963	-.31994	-.34382	-.39836	-.44988	-.45163
1.248	9.139	-.33339	-.29378	-.31725	-.32479	-.34331	-.39965	-.46574	-.47028
	GRADIENT	.00400	.00543	.00307	.00452	.00457	.00533	.00282	.00190

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.549	-3.643	-.29485	-.27012	-.28032	-.29214	-.31577	-.33757	-.35433	-.36447
1.549	-1.374	-.28133	-.25679	-.26916	-.27704	-.29429	-.32355	-.34792	-.36052
1.550	-.212	-.27582	-.25206	-.26509	-.27197	-.29050	-.31200	-.34962	-.36140
1.550	.950	-.27310	-.25022	-.26202	-.26893	-.29094	-.30861	-.35160	-.36065
1.549	3.214	-.26857	-.24150	-.25541	-.26569	-.28723	-.30956	-.35500	-.36142
1.550	5.405	-.27905	-.25424	-.26890	-.27237	-.29298	-.31782	-.35754	-.36289
1.550	6.486	-.27849	-.25398	-.26849	-.27162	-.29053	-.31811	-.36307	-.36464
	GRADIENT	.00380	.00404	.00358	.00382	.00388	.00433	-.00038	.00039

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.550	-6.396	-.31695	-.29409	-.29915	-.31846	-.34121	-.36154	-.37630	-.37107
1.549	-4.142	-.30293	-.27829	-.28646	-.30171	-.32523	-.34870	-.36807	-.36347
1.550	-1.858	-.29134	-.26261	-.27747	-.28835	-.30764	-.33648	-.36516	-.35797
1.550	.461	-.28178	-.25331	-.27051	-.27758	-.29392	-.31959	-.36112	-.35373
1.550	2.760	-.27340	-.24560	-.25984	-.27083	-.29331	-.31469	-.36264	-.35340
1.549	4.929	-.27703	-.25282	-.26692	-.26998	-.29063	-.31618	-.36517	-.35456
1.552	6.024	-.27704	-.25132	-.26754	-.26952	-.28976	-.31594	-.36928	-.35769
	GRADIENT	.00308	.00300	.00251	.00357	.00368	.00383	.00037	.00099

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.600	-6.519	-.34866	-.33460	-.33286	-.35267	-.34699	-.39617	-.42447	-.30702
.600	-4.459	-.33538	-.32104	-.31862	-.34086	-.33509	-.38312	-.40887	-.32113
.600	-.335	-.33442	-.32016	-.31315	-.33860	-.33663	-.39572	-.37015	-.36398
.601	3.775	-.33774	-.30994	-.32278	-.33635	-.33646	-.39389	-.32630	-.39800
.600	5.842	-.34567	-.30903	-.33395	-.34230	-.34166	-.39920	-.31144	-.41723
	GRADIENT	-.00029	.00135	-.00050	.00055	-.00017	-.00131	.01003	-.00934

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.900	-6.604	-.37899	-.35592	-.36123	-.38976	-.39409	-.41711	-.42564	-.31727
.899	-4.510	-.36642	-.34314	-.35008	-.37640	-.37948	-.40310	-.40021	-.32413
.901	-.337	-.33998	-.30998	-.33178	-.34130	-.34350	-.37063	-.35790	-.35307
.900	3.814	-.35113	-.31644	-.34161	-.35850	-.35339	-.38034	-.32878	-.38673
.900	5.903	-.36498	-.32987	-.35101	-.37705	-.37245	-.39957	-.31816	-.41152
	GRADIENT	.00184	.00321	.00102	.00216	.00302	.00274	.00858	-.00752

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.949	-6.616	-.39838	-.37228	-.38047	-.40567	-.41259	-.44284	-.45663	-.32463
.949	-4.522	-.38896	-.36271	-.36974	-.39822	-.40455	-.43405	-.43462	-.33832
.950	-.341	-.37537	-.35712	-.36486	-.37328	-.37959	-.41288	-.38813	-.38096
.950	3.621	-.38378	-.34858	-.37027	-.39155	-.39347	-.42020	-.35177	-.42796
.949	5.912	-.39603	-.36343	-.37790	-.40671	-.41189	-.43812	-.32333	-.44524
	GRADIENT	.00062	.00169	-.00006	.00080	.00133	.00166	.00993	-.01074

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.101	-6.647	-.42521	-.39667	-.40470	-.42361	-.44143	-.48827	-.54533	-.41543
1.098	-4.530	-.40948	-.38221	-.38775	-.40829	-.42705	-.47442	-.53464	-.43454
1.097	-.329	-.40575	-.37271	-.38384	-.40656	-.41708	-.47425	-.49802	-.48947
1.099	3.833	-.41320	-.37630	-.39140	-.41654	-.43057	-.47599	-.44657	-.53637
1.101	5.942	-.41961	-.38626	-.39912	-.42600	-.43610	-.47397	-.41730	-.54175
	GRADIENT	-.00044	.00071	-.00043	-.00098	-.00042	-.00019	.01053	-.01218

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.149	-6.659	-.40537	-.37886	-.38685	-.40182	-.41450	-.46837	-.51491	-.38772
1.152	-4.533	-.38907	-.36227	-.37048	-.38535	-.39993	-.45165	-.50279	-.41051
1.151	-.328	-.38597	-.34951	-.35516	-.38445	-.39999	-.45375	-.47166	-.46685
1.148	[illegible]	-.39375	-.35313	-.37336	-.39460	-.41199	-.45624	-.41530	-.50607
1.149	[illegible]	-.40363	-.36341	-.38247	-.40204	-.43026	-.46654	-.39047	-.51823
	GRA[illegible]T	-.00056	.00109	-.00034	-.00110	-.00144	-.00055	.01044	-.01142

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.247	-6.665	-.38256	-.35926	-.36460	-.37851	-.38931	-.44482	-.48510	-.37109
1.251	-4.545	-.36744	-.34217	-.35146	-.35981	-.37358	-.42941	-.47552	-.39042
1.251	-.329	-.36007	-.32437	-.34004	-.35320	-.37768	-.42996	-.44801	-.44401
1.252	3.858	-.37012	-.33325	-.35582	-.36267	-.38155	-.42770	-.39664	-.48238
1.249	5.967	-.37350	-.34047	-.35444	-.37262	-.38096	-.43211	-.37557	-.49456
	GRADIENT	-.00032	.00107	-.00051	-.00034	-.00095	.00020	.00938	-.01095

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-5

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.800
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-6.524	-.35178	-.33622	-.33720	-.35444	-.34934	-.39827	-.42383	-.30267
.600	-4.436	-.33971	-.32358	-.32398	-.34281	-.33920	-.38814	-.41081	-.31796
.600	-2.380	-.34309	-.31084	-.32620	-.34869	-.34282	-.39675	-.38576	-.33995
.600	-.323	-.33785	-.31920	-.31665	-.34165	-.34001	-.40027	-.37035	-.36173
.600	1.734	-.33766	-.31520	-.32028	-.33730	-.33793	-.39702	-.34798	-.37894
.599	3.791	-.34231	-.30812	-.32923	-.33841	-.33996	-.39077	-.32603	-.39732
.600	5.845	-.34995	-.30686	-.33983	-.34461	-.34448	-.40416	-.30949	-.41384
	GRADIENT	.00001	.00129	-.00022	.00099	.00016	-.00105	.01008	-.00961

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.900	-6.507	-.37970	-.35576	-.36241	-.38956	-.39386	-.41840	-.42463	-.31395
.900	-4.508	-.36465	-.34026	-.34881	-.37283	-.37667	-.40255	-.39940	-.31949
.900	-2.414	-.34244	-.31682	-.32838	-.34831	-.35229	-.37965	-.37722	-.33795
.899	-.347	-.34057	-.30963	-.33295	-.34068	-.34387	-.37146	-.35716	-.35326
.899	1.730	-.34701	-.30627	-.34076	-.35083	-.34703	-.37430	-.34278	-.35892
.899	3.816	-.35224	-.31691	-.34280	-.35909	-.35497	-.38177	-.32926	-.38242
.900	5.896	-.36472	-.32924	-.35145	-.37543	-.37173	-.39834	-.31385	-.40924
	GRADIENT	.00098	.00275	-.00001	.00120	.00234	.00226	.00840	-.00706

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.599	-5.849	-.34394	-.32967	-.32990	-.34472	-.34173	-.39067	-.41709	-.30094
.599	-3.779	-.33180	-.31930	-.31585	-.33352	-.33191	-.38093	-.40116	-.31625
.599	-1.708	-.33932	-.30154	-.32235	-.34356	-.33957	-.39731	-.37573	-.33951
.600	.334	-.33252	-.31329	-.31136	-.33471	-.33407	-.38805	-.35702	-.35968
.600	2.390	-.32643	-.30727	-.30891	-.32544	-.32675	-.38588	-.33369	-.37602
.599	4.445	-.32974	-.30286	-.31440	-.32869	-.32914	-.38590	-.31500	-.39679
.601	6.519	-.33659	-.31080	-.32276	-.33467	-.33447	-.38988	-.30289	-.41157
	GRADIENT	.00083	.00132	.00079	.00136	.00084	.00007	.01043	-.00962

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.899	-5.920	-.36919	-.34077	-.35486	-.37395	-.38268	-.40744	-.41014	-.31458
.899	-3.836	-.34918	-.32120	-.33526	-.35440	-.36337	-.38504	-.38613	-.32209
.899	-1.745	-.33388	-.30389	-.32371	-.33626	-.34004	-.36750	-.36938	-.33878
.900	.351	-.33705	-.29781	-.32919	-.33862	-.33678	-.37157	-.34854	-.34869
.901	2.422	-.34457	-.30345	-.33894	-.34694	-.34230	-.37322	-.33616	-.35979
.901	4.495	-.35283	-.31972	-.34278	-.35926	-.35678	-.38326	-.32301	-.38827
.900	6.600	-.36309	-.32827	-.35025	-.37506	-.37239	-.39227	-.31437	-.41757
	GRADIENT	-.00086	.00017	-.00145	-.00097	.00053	-.00010	.00766	-.00736

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.097	-5.964	-.41999	-.38083	-.39707	-.41654	-.43841	-.49479	-.53887	-.41697
1.098	-3.835	-.40544	-.36810	-.38274	-.40212	-.42393	-.47877	-.52403	-.43959
1.100	-1.728	-.39655	-.36207	-.37556	-.39322	-.41368	-.46469	-.50833	-.46944
1.102	.349	-.40516	-.36744	-.37976	-.40564	-.42377	-.48178	-.48014	-.49106
1.100	2.456	-.39941	-.35882	-.37954	-.39311	-.41256	-.46595	-.45418	-.51892
1.102	4.523	-.40778	-.36897	-.38870	-.40582	-.42007	-.47275	-.43375	-.53001
1.098	6.638	-.41985	-.38047	-.39960	-.41952	-.43599	-.48361	-.40973	-.54333
	GRADIENT	-.00036	.00008	-.00076	-.00058	.00043	.00052	.01123	-.01102

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
1.248	-5.987	-.38003	-.34710	-.35486	-.38191	-.39689	-.45363	-.47863	-.37304
1.249	-3.873	-.36688	-.33322	-.34494	-.36468	-.38191	-.43734	-.46982	-.39360
1.250	-1.743	-.35860	-.31942	-.34067	-.35348	-.37214	-.42356	-.45809	-.42222
1.250	.344	-.35404	-.31499	-.33578	-.34586	-.36808	-.42347	-.43278	-.44610
1.252	2.453	-.35395	-.31789	-.33804	-.34874	-.36778	-.41180	-.40333	-.46458
1.251	4.537	-.36064	-.32424	-.34480	-.35623	-.37232	-.41863	-.38424	-.47957
1.250	6.661	-.37160	-.33981	-.35131	-.37523	-.39091	-.42671	-.36493	-.48796
	GRADIENT	.00082	.00093	.00014	.00103	.00112	.00235	.01075	-.01020

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.874	-5.920	-.39190	-.36456	-.37421	-.38874	-.39700	-.45456	-.44232	-.33523
-7.913	-3.912	-.38078	-.35255	-.36518	-.37618	-.38615	-.43919	-.42520	-.36767
-7.896	-.001	-.37765	-.35428	-.35737	-.37044	-.38591	-.44996	-.39832	-.39806
-7.887	3.975	-.38427	-.33984	-.36927	-.36978	-.39239	-.45719	-.36107	-.41951
-7.912	6.008	-.39315	-.34178	-.37965	-.37686	-.39926	-.46735	-.31928	-.42849
	GRADIENT	-.00045	.00162	-.00053	.00081	-.00079	-.00228	.00813	-.00657

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.856	-5.946	-.36826	-.34857	-.35313	-.36554	-.37084	-.42167	-.42733	-.31184
-3.842	-3.968	-.35680	-.34461	-.34312	-.35250	-.35893	-.40568	-.40906	-.33578
-3.804	.003	-.35389	-.32819	-.33741	-.34877	-.35645	-.41637	-.36701	-.37023
-3.825	3.926	-.35367	-.32096	-.34176	-.34002	-.35332	-.41736	-.33154	-.39860
-3.811	5.898	-.35693	-.32279	-.34416	-.34351	-.35783	-.42263	-.30662	-.41706
	GRADIENT	.00040	.00300	.00017	.00158	.00071	-.00148	.00982	-.00796

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.048	-6.519	-.34866	-.33460	-.33286	-.35267	-.34699	-.39517	-.42447	-.30702
.064	-4.459	-.33538	-.32104	-.31862	-.34086	-.33509	-.38312	-.40887	-.32113
.077	-.335	-.33442	-.32016	-.31315	-.33860	-.33663	-.39572	-.37015	-.36398
.091	3.775	-.33774	-.30994	-.32278	-.33635	-.33646	-.39339	-.32630	-.39800
.098	5.842	-.34567	-.30903	-.33395	-.34230	-.34166	-.39920	-.31144	-.41723
	GRADIENT	-.00029	.00135	-.00050	.00055	-.00017	-.00131	.01003	-.00934

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.320	-6.033	-.32811	-.31010	-.31089	-.32633	-.33614	-.38282	-.40608	-.31984
4.310	-4.044	-.32178	-.30451	-.30301	-.31734	-.32830	-.38513	-.39340	-.32489
4.379	.004	-.32498	-.29434	-.30575	-.31420	-.32956	-.40327	-.35748	-.35068
4.325	4.047	-.32677	-.29991	-.30837	-.31910	-.33095	-.39760	-.33098	-.39156
4.285	6.038	-.33717	-.31059	-.32071	-.32929	-.33818	-.40423	-.32037	-.41229
	GRADIENT	-.00062	.00057	-.00066	-.00022	-.00033	-.00154	.00772	-.00824

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.943	-6.019	-.38708	-.36301	-.36771	-.38844	-.38975	-.44932	-.44148	-.33335
-7.855	-3.899	-.38368	-.34394	-.36429	-.38847	-.38972	-.44488	-.41916	-.37197
-7.891	-.010	-.37262	-.35653	-.35080	-.36958	-.37879	-.44303	-.39837	-.39917
-7.847	4.031	-.37807	-.33896	-.36167	-.36851	-.38339	-.44881	-.35853	-.42006
-7.913	5.969	-.38662	-.34046	-.37176	-.37546	-.39010	-.45815	-.31967	-.42767
	GRADIENT	.00069	.00065	.00031	.00250	.00079	-.00050	.00766	-.00606

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB14) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.859	-5.937	-.35918	-.34675	-.34245	-.36183	-.35927	-.40960	-.42549	-.31191
-3.789	-3.921	-.34798	-.34169	-.33277	-.34920	-.34770	-.39384	-.40794	-.33903
-3.855	-.002	-.34473	-.32636	-.32594	-.34603	-.34523	-.40470	-.36384	-.36927
-3.828	3.926	-.34516	-.31894	-.33059	-.33852	-.34302	-.40673	-.32893	-.39639
-3.830	5.917	-.35008	-.32285	-.33540	-.34278	-.34824	-.41300	-.30503	-.41779
	GRADIENT	.00036	.00290	.00028	.00136	.00060	-.00164	.01007	-.00731

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.048	-6.519	-.34866	-.33460	-.33286	-.35267	-.34699	-.39517	-.42447	-.30702
.064	-4.459	-.33538	-.32104	-.31862	-.34086	-.33509	-.38312	-.40887	-.32113
.077	-.335	-.33442	-.32016	-.31315	-.33860	-.33663	-.39572	-.37015	-.36398
.091	3.775	-.33774	-.30994	-.32278	-.33635	-.33646	-.39389	-.32630	-.39800
.098	5.842	-.34567	-.30903	-.33395	-.34230	-.34166	-.39920	-.31144	-.41723
	GRADIENT	-.00029	.00135	-.00050	.00055	-.00017	-.00131	.01003	-.00934

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.330	-6.015	-.31854	-.30709	-.29897	-.32369	-.32400	-.37080	-.40451	-.32037
4.335	-4.065	-.31344	-.30359	-.29238	-.31605	-.31765	-.37354	-.39387	-.32568
4.355	-.009	-.31600	-.29213	-.29454	-.31246	-.31781	-.39105	-.35576	-.35257
4.320	4.053	-.31764	-.29625	-.29750	-.31617	-.31883	-.38571	-.32842	-.39321
4.311	6.077	-.32757	-.30627	-.30949	-.32606	-.32574	-.39131	-.31970	-.41429
	GRADIENT	-.00052	.00090	-.00063	-.00002	-.00014	-.00150	.00806	-.00831

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB15) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.943	-5.906	-.42280	-.39726	-.40319	-.42820	-.44543	-.46964	-.43098	-.32813
-7.910	-3.880	-.41133	-.38735	-.39134	-.41833	-.43351	-.45708	-.41136	-.36615
-7.933	.006	-.41082	-.36905	-.39780	-.40772	-.42110	-.46135	-.40067	-.40011
-7.949	3.960	-.40976	-.36937	-.40046	-.41154	-.41764	-.44403	-.34863	-.39444
-7.947	5.985	-.41890	-.37627	-.40879	-.42487	-.42708	-.45084	-.31465	-.41298
	GRADIENT	.00020	.00229	-.00116	.00086	.00202	.00167	.00802	-.00359

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.891	-5.970	-.39542	-.37445	-.37683	-.40281	-.41735	-.43567	-.42464	-.30787
-3.846	-3.953	-.38024	-.36047	-.36096	-.38910	-.40160	-.42059	-.39685	-.33602
-3.854	.002	-.37557	-.34457	-.36217	-.37755	-.38410	-.41824	-.36345	-.36093
-3.848	3.941	-.36999	-.34078	-.35874	-.37382	-.37546	-.40512	-.32891	-.38520
-3.826	5.898	-.37740	-.34655	-.35702	-.38670	-.38268	-.40367	-.30330	-.40904
	GRADIENT	.00130	.00250	.00028	.00194	.00331	.00196	.00861	-.00623

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.010	-6.604	-.37899	-.35592	-.36123	-.38976	-.39409	-.41711	-.42564	-.31727
.019	-4.510	-.36642	-.34314	-.35008	-.37640	-.37848	-.40310	-.40021	-.32413
-.015	-.337	-.33998	-.30998	-.33178	-.34130	-.34350	-.37063	-.35790	-.35307
.021	3.814	-.35113	-.31644	-.34161	-.35850	-.35339	-.38034	-.32878	-.38673
.037	5.903	-.35498	-.32987	-.35101	-.37705	-.37245	-.39957	-.31816	-.41152
	GRADIENT	.00184	.00321	.00102	.00216	.00302	.00274	.00858	-.00752

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.375	-6.032	-.35340	-.32005	-.33825	-.36020	-.36587	-.39367	-.42826	-.33472
4.348	-4.031	-.34742	-.31220	-.33144	-.35596	-.36075	-.38907	-.41181	-.34709
4.335	-.002	-.33102	-.29225	-.32546	-.33256	-.33031	-.35890	-.35425	-.36904
4.324	4.034	-.33407	-.30486	-.32032	-.34563	-.34279	-.36496	-.34268	-.40280
4.291	6.010	-.34858	-.31745	-.33309	-.36262	-.35898	-.38123	-.32634	-.42171
	GRADIENT	.00165	.00091	.00138	.00128	.00223	.00286	.00857	-.00691

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X40B16) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-8.030	-5.984	-.43950	-.41285	-.42240	-.44360	-.45387	-.48560	-.44674	-.34186
-7.985	-3.971	-.42501	-.39996	-.40906	-.43254	-.43561	-.46498	-.43227	-.38356
-8.004	-.008	-.42067	-.40208	-.41217	-.41457	-.41944	-.46049	-.42584	-.42621
-7.980	3.971	-.42838	-.39113	-.41676	-.42762	-.43904	-.47012	-.37277	-.41402
-7.980	5.973	-.43972	-.39970	-.42459	-.44429	-.45516	-.48329	-.33237	-.42923
	GRADIENT	-.00043	.00111	-.00097	.00063	-.00044	-.00065	.00750	-.00383

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.889	-5.932	-.41296	-.38865	-.39406	-.41951	-.42687	-.46088	-.44336	-.32832
-3.921	-4.009	-.40025	-.37669	-.38079	-.40719	-.41513	-.44052	-.42653	-.36644
-3.915	.009	-.39894	-.36639	-.38434	-.39706	-.40578	-.45154	-.38651	-.39919
-3.860	3.926	-.39301	-.35811	-.37967	-.39563	-.40317	-.43507	-.35718	-.42055
-3.870	5.920	-.41002	-.37356	-.39313	-.41637	-.42277	-.45696	-.32120	-.43241
	GRADIENT	.00091	.00234	.00014	.00146	.00151	.00168	.00873	-.00[illegible]2

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.019	-6.616	-.39838	-.37228	-.38047	-.40567	-.41259	-.44264	-.45663	-.32463
.036	-4.522	-.38896	-.36271	-.36974	-.39822	-.40455	-.43405	-.43462	-.33832
.015	-.341	-.37537	-.35712	-.36486	-.37328	-.37959	-.41288	-.38813	-.38096
.038	3.821	-.38378	-.34858	-.37027	-.39155	-.39347	-.42020	-.35177	-.42796
.045	5.912	-.39603	-.36343	-.37790	-.40671	-.41169	-.43912	-.32333	-.44524
	GRADIENT	.00062	.00169	-.00006	.00080	.00133	.00166	.00993	-.01074

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.364	-6.005	-.37990	-.34827	-.36346	-.38591	-.38885	-.42843	-.45569	-.35371
4.322	-4.002	-.37007	-.33394	-.35408	-.37597	-.37930	-.41646	-.44474	-.37290
4.357	-.005	-.35380	-.31433	-.34766	-.35636	-.35279	-.38245	-.38722	-.40207
4.335	4.036	-.36394	-.33036	-.34896	-.37490	-.37500	-.39933	-.36367	-.44609
4.321	5.996	-.38089	-.34358	-.36555	-.39282	-.39400	-.41626	-.34047	-.46569
	GRADIENT	.00076	.00044	.00064	.00012	.00060	.00212	.01008	-.00911

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-8.046	-6.029	-.47031	-.44508	-.45601	-.46737	-.47391	-.52279	-.56912	-.44362
-7.989	-3.976	-.45394	-.43298	-.43572	-.45301	-.46213	-.51146	-.55767	-.47930
-8.009	.015	-.45261	-.42198	-.42922	-.45063	-.47089	-.52423	-.52807	-.53578
-8.032	3.951	-.45870	-.42613	-.43950	-.45739	-.47380	-.51250	-.48183	-.50234
-8.035	5.996	-.46723	-.43038	-.44909	-.46746	-.48248	-.52424	-.44067	-.57012
	GRADIENT	-.00060	.00007	-.00047	-.00055	-.00147	-.00102	.00956	-.01048

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.926	-5.954	-.43545	-.40617	-.42010	-.42947	-.44197	-.49455	-.55396	-.42575
-3.891	-3.969	-.42011	-.39346	-.40273	-.41769	-.42877	-.47836	-.53381	-.45518
-3.871	.004	-.42167	-.38500	-.39798	-.42010	-.43839	-.49653	-.50400	-.49922
-3.894	3.919	-.42830	-.38878	-.40648	-.42529	-.44293	-.50160	-.45344	-.53413
-3.879	5.933	-.43413	-.39451	-.41304	-.43426	-.44789	-.50186	-.42228	-.55601
	GRADIENT	-.00104	.00060	-.00047	-.00094	-.00180	-.00295	.01018	-.01001

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.021	-6.647	-.42521	-.39667	-.40470	-.42361	-.44143	-.48827	-.54533	-.41543
.037	-4.530	-.40948	-.38221	-.38775	-.40829	-.42705	-.47442	-.53464	-.43454
.004	-.329	-.40575	-.37271	-.38384	-.40656	-.41708	-.47425	-.49802	-.48947
.042	3.833	-.41320	-.37630	-.39140	-.41654	-.43057	-.47599	-.44657	-.53637
.066	5.942	-.41961	-.38626	-.39912	-.42600	-.43610	-.47397	-.41730	-.54175
	GRADIENT	-.00044	.00071	-.00043	-.00098	-.00042	-.00019	.01053	-.01218

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.420	-6.024	-.40271	-.36928	-.37808	-.40019	-.42241	-.47880	-.51532	-.43529
4.419	-4.042	-.38892	-.35070	-.36790	-.39700	-.40505	-.45716	-.50698	-.45848
4.417	.000	-.37676	-.32952	-.35954	-.37666	-.38588	-.43765	-.49100	-.48591
4.374	4.041	-.39994	-.36001	-.37679	-.40020	-.41773	-.47139	-.45792	-.52497
4.354	6.006	-.41125	-.37286	-.38739	-.41489	-.43061	-.47910	-.43781	-.53201
	GRADIENT	-.00136	-.00115	-.00110	-.00163	-.00157	-.00176	.00607	-.00823

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.999	-5.912	-.44740	-.42276	-.43045	-.44506	-.45155	-.50644	-.53802	-.42670
-7.985	-3.968	-.43245	-.40936	-.41240	-.43008	-.44105	-.49768	-.53152	-.45801
-8.033	.018	-.43204	-.39949	-.41060	-.42480	-.45294	-.50361	-.50137	-.51278
-8.030	3.977	-.43710	-.40307	-.41690	-.43349	-.45709	-.50142	-.45625	-.53580
-7.994	5.972	-.44520	-.40686	-.42674	-.44531	-.46334	-.50218	-.41669	-.54062
	GRADIENT	-.00058	.00079	-.00057	-.00043	-.00202	-.00047	.00947	-.00979

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.891	-5.925	-.41807	-.38906	-.40103	-.41287	-.42485	-.48101	-.52085	-.40291
-3.915	-4.003	-.40346	-.37766	-.38659	-.39944	-.41123	-.46273	-.50157	-.43015
-3.865	.098	-.40097	-.36385	-.37925	-.39468	-.41569	-.47724	-.47667	-.47938
-3.887	3.960	-.40927	-.37056	-.38798	-.40444	-.42618	-.48170	-.43300	-.51173
-3.908	6.012	-.41407	-.37551	-.39228	-.41337	-.43023	-.48315	-.40142	-.53001
	GRADIENT	-.00072	.00092	-.00015	-.00061	-.00187	-.00239	.00859	-.01026

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.033	-6.658	-.40537	-.37886	-.38685	-.40182	-.41450	-.46837	-.51491	-.38772
.054	-4.533	-.38907	-.36227	-.37048	-.38535	-.39993	-.45165	-.50279	-.41051
.020	-.328	-.38597	-.34951	-.36516	-.38445	-.39999	-.45375	-.47166	-.46685
.038	3.840	-.39375	-.35313	-.37336	-.39460	-.41199	-.45624	-.41530	-.50607
.051	5.949	-.40363	-.36341	-.38247	-.40204	-.43026	-.46654	-.39047	-.51823
	GRADIENT	-.00056	.00109	-.00034	-.00110	-.00144	-.00055	.01044	-.01142

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.470	-6.007	-.38727	-.34615	-.36899	-.38296	-.40217	-.45205	-.48863	-.41053
4.431	-4.017	-.37578	-.32873	-.35738	-.37000	-.39181	-.44411	-.48250	-.43667
4.456	.001	-.36397	-.31247	-.34755	-.35839	-.37490	-.43057	-.46250	-.46588
4.404	4.050	-.37733	-.33013	-.35727	-.37061	-.39513	-.45080	-.42895	-.49614
4.360	5.991	-.38809	-.34342	-.36681	-.38577	-.40858	-.45722	-.41057	-.50375
	GRADIENT	-.00020	-.00018	.00001	-.00008	-.00042	-.00083	.00664	-.00737

IA183,ALPHA-BETA UNCORR FLOW ANG (BASE PRESS) (X4QB19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-7.905	-6.000	-.41678	-.39003	-.39521	-.41599	-.42592	-.49542	-.50490	-.39927
-7.941	-3.998	-.40727	-.38212	-.38461	-.40580	-.41993	-.47745	-.49633	-.42796
-7.973	-.004	-.40362	-.37074	-.38124	-.39802	-.43093	-.47238	-.47529	-.47314
-8.002	3.990	-.40393	-.37441	-.38099	-.39754	-.43196	-.47379	-.43155	-.50682
-7.983	5.998	-.40961	-.37523	-.39003	-.40636	-.42918	-.47199	-.39704	-.51932
	GRADIENT	.00042	.00096	.00045	.00103	-.00151	.00046	.00811	-.00987

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
-3.867	-6.009	-.39564	-.36480	-.37827	-.39274	-.40007	-.45856	-.48348	-.37968
-3.808	-3.981	-.38677	-.35738	-.36903	-.38302	-.39392	-.44981	-.46735	-.41226
-3.857	-.011	-.37636	-.34145	-.35518	-.36228	-.39259	-.45173	-.45359	-.45315
-3.831	3.961	-.38143	-.34709	-.36177	-.37649	-.39708	-.44847	-.41714	-.47577
-3.833	5.920	-.38638	-.35387	-.36532	-.38056	-.40149	-.45080	-.38455	-.48940
	GRADIENT	.00067	.00130	.00091	.00082	-.00040	.00017	.00632	-.00800

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
.130	-6.665	-.38256	-.35926	-.36460	-.37851	-.38931	-.44482	-.48510	-.37109
.151	-4.545	-.36744	-.34217	-.35146	-.35991	-.37358	-.42941	-.47552	-.39042
.143	-.329	-.36007	-.32437	-.34004	-.35320	-.37768	-.42996	-.44801	-.44401
.156	3.958	-.37012	-.33325	-.35582	-.36267	-.38155	-.42770	-.39664	-.48238
.151	5.967	-.37350	-.34047	-.35444	-.37262	-.39096	-.43211	-.37557	-.49456
	GRADIENT	-.00032	.00107	-.00051	-.00034	-.00095	.00020	.00938	-.01095

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	CP7	CP1574	CP1546	CP1530	CP1516	CP1501	CP2202	CP2218
4.545	-6.052	-.36423	-.32124	-.34466	-.35911	-.37846	-.43488	-.46350	-.38268
4.516	-4.053	-.35186	-.31010	-.33305	-.34651	-.36974	-.41807	-.45402	-.40126
4.521	-.000	-.33580	-.28035	-.32421	-.32589	-.34613	-.39521	-.44236	-.43639
4.457	4.033	-.35314	-.31145	-.33470	-.34514	-.37115	-.42149	-.41183	-.46745
4.421	6.014	-.36250	-.32127	-.34026	-.35856	-.38588	-.43374	-.39443	-.47554
	GRADIENT	-.00016	-.00016	-.00020	.00017	-.00017	-.00042	.00522	-.00819

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-8.039	.16196	-.05326	.04402	.00911	.03490	.01453	-.02509	-.00678	-.00059	-.01054
.600	-6.004	.14080	-.04018	.04394	.01065	.03330	.01091	-.00025	-.00646	-.01397	-.00798
.601	-3.925	.12987	-.02913	.04397	.01205	.03192	.00858	.01984	-.00620	-.02640	-.00584
.599	-1.867	.13305	-.02167	.04491	.01311	.03181	.00751	.03119	-.00618	-.03457	-.00438
.600	.157	.13423	-.01370	.04501	.01351	.03150	.00554	.03675	-.00612	-.03926	-.00280
.600	2.250	.13761	-.00421	.04387	.01286	.03101	.00402	.03689	-.00602	-.03976	-.00094
.599	4.290	.13442	.00416	.04546	.01408	.03137	.00251	.02969	-.00609	-.03459	.00070
.600	6.361	.13644	.01389	.04656	.01470	.03185	.00013	.01797	-.00618	-.02760	.00260
.600	8.459	.15019	.02583	.04700	.01458	.03242	-.00278	.00129	-.00629	-.01868	.00493
	GRADIENT	.00066	.00409	.00009	.00019	-.00009	-.00076	.00123	.00002	-.00105	.00080

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.900	-8.171	.24693	-.05805	.05110	.01604	.03506	.01397	-.03824	-.00681	-.00003	-.01150
.898	-6.030	.21091	-.04277	.05058	.01721	.03337	.01017	-.01455	-.00648	-.01129	-.00850
.901	-4.040	.19283	-.03121	.05065	.01861	.03204	.00724	.00541	-.00622	-.02217	-.00623
.900	-1.981	.17904	-.02225	.05063	.01975	.03088	.00475	.02057	-.00599	-.03118	-.00448
.898	.120	.16864	-.01330	.05103	.02032	.03071	.00093	.02993	-.00596	-.03637	-.00275
.899	2.195	.16363	-.00395	.05102	.02049	.03054	-.00078	.03541	-.00593	-.03929	-.00091
.900	4.309	.17554	.00573	.05090	.01982	.03108	.00114	.03198	-.00603	-.03797	.00101
.900	6.353	.20281	.01666	.05197	.01898	.03299	-.00014	.01572	-.00640	-.03049	.00316
.900	8.429	.23291	.02829	.05380	.01966	.03414	-.00595	-.00369	-.00663	-.02130	.00543
	GRADIENT	-.00239	.00442	.00004	.00015	-.00011	-.00085	.00325	.00002	-.00190	.00086

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.949	-8.266	.31115	-.05896	.05570	.01825	.03745	.01258	-.04181	-.00727	.00116	-.01173
.951	-6.175	.27319	-.04337	.05678	.02033	.03645	.00855	-.01457	-.00708	-.01210	-.00866
.953	-3.978	.24457	-.03131	.05663	.02168	.03495	.00734	.01157	-.00679	-.02592	-.00628
.950	-1.921	.23034	-.02320	.05630	.02245	.03385	.00760	.02705	-.00657	-.03532	-.00468
.952	.177	.23714	-.01504	.05663	.02319	.03344	.00576	.03426	-.00649	-.04106	-.00308
.950	2.207	.23454	-.00642	.05654	.02283	.03371	.00259	.03240	-.00654	-.03988	-.00138
.948	4.304	.23322	.00434	.05654	.02261	.03393	.00058	.02890	-.00659	-.03754	.00073
.949	6.383	.26486	.01623	.05656	.02136	.03520	.00021	.01547	-.00683	-.03155	.00305
.949	8.398	.27843	.02976	.05782	.02129	.03653	-.00644	-.00125	-.00709	-.02281	.00568
	GRADIENT	-.00089	.00426	.00000	.00011	-.00011	-.00089	.00193	.00002	-.00135	.00084

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.100	-8.326	.41451	-.06434	.07467	.02829	.04638	.01269	-.04023	-.00900	-.00539	-.01266
1.099	-6.216	.35564	-.05038	.07526	.02981	.04545	.01211	-.01027	-.00892	-.01885	-.00989
1.102	-4.001	.31188	-.03809	.07549	.03101	.04448	.01202	.01894	-.00864	-.03350	-.00745
1.099	-1.904	.29242	-.02779	.07500	.03188	.04312	.01115	.03802	-.00837	-.04472	-.00543
1.099	.166	.30304	-.01877	.07415	.03165	.04250	.01048	.04598	-.00825	-.05139	-.00366
1.099	2.264	.30993	-.01120	.07474	.03174	.04300	.00969	.04033	-.00835	-.04851	-.00218
1.100	4.374	.31960	.00088	.07576	.03257	.04320	.00624	.03379	-.00839	-.04561	.00019
1.101	6.416	.33190	.01608	.07652	.03296	.04367	-.00169	.01916	-.00848	-.03771	.00316
1.102	8.442	.34965	.02921	.07751	.03249	.04502	-.00676	.00297	-.00874	-.02973	.00573
	GRADIENT	.00160	.00452	.00001	.00014	-.00013	-.00062	.00153	.00002	-.00134	.00089

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-9.722	.30037	-.08706	.07262	.03035	.04227	.01976	-.06115	-.00821	.00819	-.01707
1.251	-7.345	.23146	-.06688	.07219	.03084	.04135	.01803	-.02759	-.00803	-.00663	-.01309
1.251	-4.918	.19008	-.04976	.07191	.03161	.04030	.01539	.00139	-.00782	-.02165	-.00969
1.249	-2.580	.17055	-.03657	.07232	.03305	.03927	.01478	.02301	-.00762	-.03427	-.00710
1.249	-.266	.16496	-.02595	.07305	.03438	.03857	.01556	.03973	-.00751	-.04504	-.00499
1.249	2.018	.18146	-.01794	.07286	.03420	.03867	.01641	.03749	-.00751	-.04550	-.00342
1.251	4.270	.20599	-.00466	.07248	.03371	.03877	.01171	.03057	-.00753	-.04287	-.00080
1.252	6.382	.22446	.01117	.07321	.03396	.03926	.00302	.01604	-.00762	-.03583	.00233
1.250	8.662	.26324	.02614	.07591	.03542	.04049	-.00202	-.00188	-.00786	-.02827	.00526
	GRADIENT	.00183	.00474	.00007	.00023	-.00016	-.00030	.00319	.00003	-.00235	.00093

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL02) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.601	-8.859	.18761	-.06015	.04346	.00788	.03558	.01697	-.03508	-.00691	.00426	-.01184
.600	-4.552	.12771	-.03367	.04346	.01125	.03222	.00987	.01380	-.00625	-.02261	-.00664
.600	-2.476	.13125	-.02468	.04461	.01249	.03212	.00839	.02896	-.00624	-.03304	-.00487
.600	-.232	.13452	-.01659	.04479	.01316	.03163	.00744	.03654	-.00614	-.03878	-.00326
.600	1.862	.14199	-.00644	.04393	.01266	.03126	.00459	.03794	-.00607	-.04063	-.00126
.600	3.981	.13616	.00105	.04519	.01368	.03151	.00386	.03136	-.00612	-.03567	.00023
.599	8.315	.13182	.02352	.04715	.01440	.03274	-.00155	.00213	-.00636	-.01931	.00462
	GRADIENT	.00129	.00410	.00013	.00024	-.00011	-.00073	.00206	.00002	-.00158	.00081

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.099	-8.287	.41358	-.06409	.07459	.02829	.04630	.01256	-.03995	-.00899	-.00558	-.01263
1.101	-6.173	.35591	-.05042	.07530	.02990	.04540	.01226	-.01003	-.00881	-.01896	-.00991
1.099	-4.009	.31257	-.03795	.07554	.03103	.04451	.01172	.01818	-.00864	-.03305	-.00744
1.102	-1.949	.29189	-.02836	.07513	.03186	.04327	.01146	.03756	-.00840	-.04441	-.00556
1.101	.181	.30362	-.01875	.07421	.03162	.04259	.01054	.04592	-.00827	-.05136	-.00368
1.099	2.279	.30933	-.01113	.07483	.03173	.04310	.00978	.04033	-.00837	-.04850	-.00218
1.099	4.371	.31999	.00125	.07576	.03254	.04322	.00588	.03340	-.00839	-.04546	.00024
1.099	6.359	.33381	.01587	.07660	.03284	.04375	-.00180	.01953	-.00849	-.03789	.00310
1.099	8.489	.35350	.03001	.07743	.03241	.04503	-.00712	.00261	-.00874	-.02956	.00587
	GRADIENT	.00155	.00456	.00001	.00014	-.00013	-.00064	.00158	.00003	-.00138	.00089

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-9.683	.29601	-.08675	.07269	.03043	.04227	.01965	-.06086	-.00821	.00812	-.01701
1.250	-7.271	.23076	-.06652	.07213	.03085	.04128	.01803	-.02695	-.00801	-.00692	-.01302
1.248	-4.941	.19102	-.04989	.07209	.03179	.04029	.01601	.00128	-.00782	-.02159	-.00971
1.249	-2.635	.16906	-.03677	.07243	.03307	.03936	.01479	.02265	-.00764	-.03405	-.00713
1.251	-.259	.16209	-.02613	.07302	.03433	.03859	.01571	.03963	-.00751	-.04496	-.00502
1.252	2.059	.18080	-.01777	.07256	.03402	.03853	.01662	.03790	-.00748	-.04580	-.00339
1.251	4.213	.20590	-.00501	.07243	.03377	.03865	.01192	.03074	-.00751	-.04289	-.00087
1.250	6.409	.22651	.01143	.07346	.03412	.03933	.00291	.01583	-.00764	-.03573	.00238
1.249	8.660	.26387	.02598	.07605	.03543	.04062	-.00194	-.00183	-.00789	-.02828	.00525
	GRADIENT	.00175	.00473	.00004	.00022	-.00018	-.00027	.00326	.00003	-.00238	.00093

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-8.317	.26023	-.07336	.07255	.03083	.04173	.01775	-.04217	-.00810	.00021	-.01446
1.251	-6.172	.20880	-.05753	.07182	.03117	.04064	.01696	-.01201	-.00789	-.01443	-.01134
1.250	-3.963	.18355	-.04366	.07172	.03208	.03964	.01544	.01078	-.00770	-.02697	-.00858
1.249	-1.854	.16792	-.03274	.07224	.03344	.03880	.01479	.02883	-.00753	-.03784	-.00644
1.253	.273	.16613	-.02394	.07278	.03431	.03847	.01652	.04195	-.00747	-.04683	-.00469
1.249	2.423	.18953	-.01593	.07198	.03371	.03827	.01615	.03656	-.00743	-.04527	-.00312
1.253	4.443	.21161	-.00196	.07153	.03302	.03851	.00956	.02858	-.00748	-.04219	-.00040
1.249	6.494	.23163	.01245	.07338	.03406	.03931	.00247	.01515	-.00763	-.03540	.00245
1.248	8.573	.25804	.02636	.07548	.03499	.04049	-.00228	-.00103	-.00786	-.02829	.00516
	GRADIENT	.00367	.00475	-.00003	.00010	-.00013	-.00049	.00207	.00003	-.00180	.00093

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.102	-8.289	.41337	-.06487	.07524	.02882	.04642	.01332	-.03980	-.00901	-.00560	-.01277
1.098	-6.205	.35597	-.04979	.07503	.02969	.04533	.01175	-.00977	-.00880	-.01918	-.00979
1.100	-4.069	.31225	-.03814	.07548	.03096	.04453	.01178	.01804	-.00884	-.03297	-.00748
1.098	-1.943	.29251	-.02767	.07516	.03195	.04321	.01108	.03841	-.00839	-.04504	-.00542
1.099	.149	.30446	-.01832	.07402	.03157	.04245	.01024	.04583	-.00824	-.05135	-.00359
1.102	2.300	.30819	-.01145	.07480	.03182	.04298	.01007	.04041	-.00834	-.04849	-.00223
1.102	4.356	.31941	.00072	.07572	.03259	.04313	.00640	.03397	-.00837	-.04578	.00016
1.100	6.430	.33215	.01623	.07671	.03296	.04375	-.00195	.01904	-.00849	-.03772	.00319
1.101	8.441	.35318	.02942	.07750	.03256	.04493	-.00683	.00313	-.00872	-.02997	.00578
	GRADIENT	.00141	.00445	.00000	.00015	-.00014	-.00056	.00161	.00003	-.00138	.00087

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.249	-9.682	.29823	-.08673	.07277	.03046	.04231	.01961	-.06098	-.00821	.00820	-.01700
1.250	-7.290	.22983	-.06606	.07216	.03087	.04129	.01831	-.02424	-.00802	-.00845	-.01292
1.251	-4.926	.18655	-.04929	.07187	.03162	.04025	.01592	.00255	-.00781	-.02226	-.00960
1.249	-2.648	.16770	-.03647	.07241	.03309	.03932	.01476	.02337	-.00763	-.03440	-.00708
1.249	-.225	.16414	-.02562	.07305	.03443	.03852	.01573	.04023	-.00750	-.04540	-.00493
1.251	2.009	.17986	-.01[illegible]	.07251	.03401	.03549	.01659	.03770	-.00747	-.04568	-.00338
1.252	4.255	.20801	-.00458	.07224	.03354	.03869	.01163	.03002	-.00751	-.04266	-.00078
1.251	6.368	.22602	.01116	.07333	.03397	.03936	.00304	.01580	-.00764	-.03567	.00233
1.250	8.662	.26164	.02602	.07598	.03537	.04061	-.00196	-.00180	-.00788	-.02824	.00526
	GRADIENT	.00235	.00469	.00004	.00021	-.00017	-.00029	.00304	.00003	-.00228	.00093

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.098	-0.291	.41335	-.06436	.07484	.02846	.04638	.01269	-.03996	-.00900	-.00564	-.01269
1.100	-6.203	.35723	-.05014	.07513	.02976	.04537	.01205	-.00998	-.00881	-.01901	-.00987
1.102	-4.058	.31238	-.03796	.07526	.03080	.04446	.01179	.01849	-.00863	-.03323	-.00746
1.099	-1.935	.29157	-.02748	.07502	.03191	.04311	.01102	.03831	-.00837	-.04493	-.00540
1.102	.154	.30361	-.01852	.07414	.03158	.04256	.01043	.04594	-.00826	-.05141	-.00363
1.101	2.301	.30893	-.01111	.07480	.03182	.04203	.00984	.04021	-.00834	-.04839	-.00218
1.100	4.344	.32065	.00104	.07590	.03266	.04324	.00621	.03415	-.00840	-.04584	.00021
1.102	6.383	.33341	.01632	.07665	.03296	.04369	-.00194	.01919	-.00848	-.03786	.00319
1.099	8.494	.35650	.02985	.07758	.03259	.04499	-.00692	.00241	-.00873	-.02950	.00584
	GRADIENT	.00160	.00448	.00005	.00017	-.00012	-.00058	.00159	.00002	-.00137	.00088

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.249	-9.651	.29459	-.08597	.07286	.03058	.04229	.01932	-.06047	-.00821	.00803	-.01685
1.249	-7.294	.23026	-.06603	.07219	.03092	.04127	.01815	-.02488	-.00801	-.00809	-.01291
1.252	-4.931	.18672	-.04932	.07182	.03157	.04024	.01596	.00249	-.00781	-.02221	-.00960
1.252	-2.651	.16689	-.03650	.07224	.03291	.03932	.01481	.02332	-.00763	-.03437	-.00708
1.249	-.266	.16365	-.02568	.07300	.03432	.03368	.01556	.03987	-.00751	-.04516	-.00493
1.249	2.062	.18323	-.01752	.07282	.03423	.03359	.01635	.03723	-.00749	-.04543	-.00333
1.250	4.225	.20903	-.00478	.07243	.03371	.03873	.01179	.03014	-.00752	-.04267	-.00082
1.251	6.372	.22605	.01126	.07343	.03406	.03937	.00299	.01564	-.00764	-.03559	.00235
1.251	8.665	.26270	.02633	.07594	.03538	.04056	-.00209	-.00212	-.00787	-.02816	.00532
	GRADIENT	.00261	.00469	.00008	.00024	-.00016	-.00029	.00303	.00003	-.00227	.00093

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-8.250	.04059	-.06634	.04390	.00823	.03567	.02144	-.03302	-.00693	.00342	-.01291
.600	-6.091	.01634	-.04895	.04364	.00968	.03396	.01555	-.00528	-.00659	-.01091	-.00952
.600	-3.921	.00377	-.03621	.04353	.01095	.03258	.01219	.01577	-.00633	-.02345	-.00703
.600	-1.752	.00098	-.02634	.04465	.01215	.03249	.01045	.03108	-.00631	-.03392	-.00509
.601	.352	.00444	-.01782	.04445	.01261	.03184	.00909	.03711	-.00618	-.03867	-.00340
.600	2.505	-.00135	-.00759	.04370	.01206	.03164	.00621	.03827	-.00614	-.04002	-.00140
.599	4.644	-.00831	.00229	.04400	.01265	.03135	.00331	.03134	-.00609	-.03533	.00053
.601	6.816	-.00047	.01382	.04507	.01283	.03224	.00074	.01885	-.00626	-.02832	.00279
.600	8.977	.00396	.02636	.04549	.01249	.03300	-.00255	.00255	-.00641	-.01990	.00523
	GRADIENT	-.00124	.00448	-.00000	.00015	-.00015	-.00103	.00179	.00003	-.00140	.00088

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.899	-8.609	.12317	-.07071	.05135	.01516	.03619	.01993	-.05341	-.00703	.00697	-.01378
.899	-6.319	.06589	-.05263	.05094	.01660	.03434	.01542	-.02098	-.00687	-.00787	-.01022
.900	-4.100	.03665	-.03743	.05066	.01802	.03264	.01080	.00310	-.00634	-.02056	-.00723
.901	-1.921	.01947	-.02770	.05058	.01922	.03136	.00815	.02002	-.00609	-.03030	-.00532
.901	.286	.01159	-.01844	.05106	.01980	.03126	.00523	.02962	-.00607	-.03512	-.00351
.901	2.486	-.00413	-.00806	.05105	.01973	.03133	.00277	.03609	-.00608	-.03912	-.00148
.901	4.714	.00573	.00391	.05127	.01928	.03199	.00266	.03091	-.00621	-.03728	.00089
.901	6.915	.03100	.01608	.05297	.01890	.03406	-.00001	.01439	-.00661	-.03003	.00326
.902	9.145	.05380	.02935	.05369	.01873	.03497	-.00495	-.00542	-.00679	-.02098	.00586
	GRADIENT	-.00387	.00464	.00008	.00014	-.00006	-.00098	.00325	.00001	-.00191	.00091

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.097	-8.973	.09102	-.07682	.07653	.02798	.04854	.01725	-.05294	-.00942	-.00104	-.01513
1.098	-6.622	.02825	-.05672	.07489	.02836	.04653	.01427	-.01642	-.00903	-.01766	-.01117
1.098	-4.290	-.02579	-.04228	.07630	.03077	.04553	.01343	.01500	-.00884	-.03279	-.00833
1.101	-1.960	-.04885	-.03005	.07613	.03197	.04416	.01228	.03936	-.00857	-.04675	-.00592
1.101	.317	-.03812	-.01989	.07564	.03205	.04358	.01148	.04882	-.00846	-.05436	-.00391
1.103	2.596	-.03475	-.01196	.07566	.03194	.04372	.01102	.04270	-.00849	-.05118	-.00237
1.101	4.806	-.02460	.00194	.07646	.03250	.04395	.00631	.03564	-.00853	-.04824	.00035
1.102	6.966	-.01836	.01859	.07688	.03270	.04418	-.00259	.01905	-.00958	-.03902	.00360
1.101	9.190	.00354	.03430	.07768	.03222	.04546	-.00877	.00082	-.00883	-.03039	.00668
	GRADIENT	.00070	.00468	-.00001	.00015	-.00016	-.00068	.00199	.00003	-.00157	.00092

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.251	-9.054	.19394	-.08511	.07296	.03026	.04269	.02041	-.05546	-.00829	.00422	-.01666
1.251	-6.656	.12882	-.06643	.07271	.03084	.04187	.01910	-.02443	-.00813	-.00958	-.01297
1.251	-4.246	.08708	-.04927	.07217	.03139	.04078	.01706	.00420	-.00792	-.02421	-.00956
1.249	-1.950	.06618	-.03627	.07241	.03255	.03906	.01593	.02547	-.00774	-.03725	-.00701
1.249	.391	.06221	-.02541	.07209	.03339	.03870	.01606	.04206	-.00751	-.04769	-.00486
1.249	2.709	.07699	-.01630	.07138	.03289	.03848	.01597	.03898	-.00747	-.04791	-.00308
1.250	4.879	.09735	-.00191	.07164	.03301	.03863	.00892	.03059	-.00750	-.04460	-.00023
1.251	7.081	.10880	.01344	.07278	.03342	.03936	.00157	.01546	-.00764	-.03683	.00279
1.250	9.315	.13503	.02873	.07536	.03475	.04051	-.00370	-.00224	-.00788	-.02929	.00579
	GRADIENT	.00133	.00500	-.00009	.00016	-.00025	-.00070	.00288	.00005	-.00226	.00099

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.248	-9.016	.23333	-.08165	.07247	.02983	.04264	.01871	-.05618	-.00828	.00400	-.01608
1.247	-6.642	.15553	-.06248	.07219	.03034	.04185	.01777	-.02246	-.00813	-.01090	-.01230
1.249	-4.270	.10361	-.04672	.07220	.03124	.04096	.01655	.00694	-.00795	-.02591	-.00919
1.250	-1.915	.07995	-.03412	.07209	.03230	.03979	.01553	.02831	-.00773	-.03860	-.00672
1.249	.419	.06799	-.02403	.07186	.03307	.03980	.01610	.04320	-.00753	-.04868	-.00471
1.252	2.728	.07974	-.01567	.07153	.03298	.03854	.01622	.03928	-.00748	-.04844	-.00310
1.249	4.896	.09047	-.00075	.07099	.03217	.03882	.00879	.03006	-.00754	-.04456	-.00017
1.251	7.111	.09236	.01476	.07299	.03345	.03954	.00146	.01469	-.00768	-.03677	.00288
1.248	9.300	.10715	.02985	.07503	.03410	.04093	-.00401	-.00216	-.00795	-.02943	.00583
	GRADIENT	-.00120	.00480	-.00013	.00011	-.00024	-.00064	.00253	.00005	-.00208	.00094

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.549	-3.812	.29209	-.04199	.06249	.03135	.03114	.01395	.00133	-.00605	-.01962	-.00833
1.549	-1.479	.28130	-.02979	.06339	.03281	.03058	.01389	.02275	-.00594	-.03317	-.00593
1.550	-.283	.28291	-.02470	.06440	.03337	.03072	.01501	.03181	-.00596	-.03938	-.00492
1.550	.913	.28913	-.01991	.06496	.03406	.03090	.01628	.03514	-.00600	-.04242	-.00398
1.549	3.225	.31818	-.01061	.06500	.03371	.03129	.01596	.02803	-.00607	-.04115	-.00212
1.550	5.451	.35759	.00279	.06442	.03300	.03142	.01004	.01824	-.00610	-.03803	.00050
1.550	6.554	.36679	.00956	.06553	.03363	.03191	.00777	.01015	-.00619	-.03369	.00185
	GRADIENT	.00365	.00443	.00039	.00036	.00003	.00036	.00394	-.00001	-.00315	.00088

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFALS	BETALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.550	-6.602	-.02713	-.06982	.06350	.03043	.03307	.02154	-.03126	-.00642	-.00031	-.01379
1.549	-4.266	-.05506	-.04976	.06359	.03125	.03235	.01743	-.00396	-.00628	-.01575	-.00986
1.550	-1.910	-.06767	-.03583	.06437	.03228	.03209	.01687	.01994	-.00623	-.03084	-.00713
1.550	.476	-.06251	-.02458	.06530	.03357	.03174	.01816	.03663	-.00616	-.04292	-.00489
1.550	2.832	-.03509	-.01430	.06583	.03396	.03187	.01836	.03167	-.00619	-.04306	-.00286
1.549	5.035	.00143	-.00108	.06440	.03231	.03209	.01250	.02225	-.00623	-.04001	-.00027
1.552	6.152	.00667	.00614	.06512	.03267	.03245	.00984	.01472	-.00630	-.03630	.00117
	GRADIENT	.00275	.00497	.00032	.00040	-.00008	.00017	.00522	.00001	-.00397	.00098

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.600	-6.479	-.06719	-.04636	.05104	.01374	.03730	.02614	.04982	-.00724	-.04598	-.00911
.600	-4.418	-.04042	-.03556	.04921	.01328	.03593	.01985	.04540	-.00698	-.04310	-.00700
.600	-.289	-.01063	-.01691	.04450	.01197	.03253	.00804	.03793	-.00632	-.03885	-.00334
.601	3.828	.01428	-.00196	.03986	.01118	.02968	-.00238	.02778	-.00557	-.03314	-.00042
.600	5.899	.01948	.00459	.03864	.01127	.02737	-.00757	.02284	-.00531	-.03066	.00087
	GRADIENT	.00663	.00408	-.00113	-.00025	-.00088	-.00270	-.00214	.00017	.00121	.00080

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.900	-6.534	-.14669	-.04975	.05837	.02097	.03741	.02687	.05059	-.00726	-.04936	-.00973
.899	-4.438	-.12347	-.03897	.05552	.02035	.03517	.02038	.04324	-.00683	-.04463	-.00764
.901	-.261	-.14872	-.01782	.05070	.01924	.03145	.00425	.02985	-.00611	-.03602	-.00353
.900	3.896	-.09990	.00187	.04794	.01905	.02839	-.01025	.02426	-.00561	-.03314	.00029
.900	5.992	-.07778	.00965	.04697	.01901	.02796	-.01565	.02307	-.00543	-.03328	.00181
	GRADIENT	.00282	.00490	-.00091	-.00016	-.00075	-.00367	-.00228	.00015	.00138	.00095

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.949	-6.543	-.19401	-.05198	.06479	.02466	.04013	.02843	.05020	-.00779	-.04983	-.01021
.949	-4.447	-.15612	-.03991	.06245	.02425	.03819	.02199	.04575	-.00742	-.04718	-.00785
.950	-.256	-.15237	-.01896	.05663	.02252	.03411	.00881	.03556	-.00662	-.04127	-.00375
.950	3.915	-.12052	-.00114	.05257	.02165	.03091	-.00469	.02415	-.00600	-.03477	-.00030
.949	6.018	-.10815	.00590	.04945	.02103	.02841	-.00970	.02105	-.00552	-.03410	.00108
	GRADIENT	.00425	.00464	-.00118	-.00031	-.00087	-.00319	-.00258	.00017	.00148	.00090

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.101	-6.560	-.24766	-.06062	.08246	.03454	.04792	.03679	.05635	-.00930	-.05667	-.01186
1.098	-4.439	-.21238	-.04731	.08117	.03419	.04699	.02907	.05365	-.00912	-.05522	-.00927
1.097	-.222	-.21975	-.02263	.07482	.03106	.04377	.01247	.04812	-.00850	-.05296	-.00442
1.099	3.946	-.16847	-.00323	.06818	.02893	.03925	-.00196	.03412	-.00762	-.04391	-.00067
1.101	6.061	-.14111	.00520	.06510	.02842	.03667	-.00867	.02831	-.00712	-.04075	.00097
	GRADIENT	.00522	.00526	-.00155	-.00063	-.00092	-.00370	-.00233	.00018	.00135	.00103

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.149	-6.576	-.21889	-.06217	.08170	.03645	.04525	.03764	.05370	-.00878	-.05450	-.01209
1.152	-4.450	-.17541	-.04911	.08016	.03598	.04419	.03011	.05041	-.00858	-.05229	-.00954
1.151	-.229	-.18393	-.02540	.07476	.03331	.04145	.01426	.04550	-.00805	-.05044	-.00488
1.148	3.947	-.15529	-.00470	.06572	.03022	.03650	-.00134	.03341	-.00709	-.04267	-.00088
1.149	6.066	-.13813	.00379	.06363	.02932	.03432	-.00804	.02767	-.00666	-.03986	.00078
	GRADIENT	.00239	.00529	-.00160	-.00069	-.00092	-.00375	-.00202	.00018	.00115	.00103

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.247	-6.591	-.01437	-.06030	.09052	.03789	.04253	.04005	.05357	-.00828	-.05329	-.01174
1.251	-4.468	.02981	-.04832	.07866	.03687	.04179	.03208	.05042	-.00811	-.05127	-.00941
1.251	-.233	.04465	-.02768	.07394	.03457	.03937	.01855	.04445	-.00764	-.04904	-.00534
1.252	3.971	.06605	-.00911	.06546	.03060	.03486	.00423	.03163	-.00677	-.04171	-.00172
1.249	6.093	.05917	-.00007	.06235	.02933	.03301	-.00346	.02602	-.00641	-.03926	.00004
	GRADIENT	.00429	.00465	-.00155	-.00074	-.00082	-.00339	-.00223	.00016	.00113	.00091

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-6.484	-.06503	-.04749	.05140	.01415	.03725	.02671	.04975	-.00723	-.04611	-.00923
.600	-4.395	-.03746	-.03713	.04976	.01365	.03610	.02086	.04526	-.00701	-.04307	-.00722
.600	-2.335	-.02898	-.02512	.04726	.01336	.03390	.01304	.04224	-.00658	-.04181	-.00487
.600	-.276	-.01164	-.01805	.04507	.01253	.03255	.00883	.03752	-.00632	-.03886	-.00348
.600	1.783	-.00024	-.01076	.04256	.01197	.03058	.00393	.03241	-.00594	-.03578	-.00205
.599	3.844	.00564	-.00358	.04043	.01178	.02865	-.00139	.02711	-.00556	-.03299	-.00066
.600	5.904	.01354	.00300	.03895	.01175	.02720	-.00655	.02220	-.00528	-.03065	.00065
	GRADIENT	.00558	.00396	-.00113	-.00025	-.00088	-.00260	-.00224	.00017	.00127	.00077

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.900	-6.538	-.14841	-.05218	.05868	.02136	.03732	.02822	.05035	-.00724	-.04919	-.01010
.900	-4.438	-.12930	-.04179	.05504	.02074	.03510	.02159	.04189	-.00681	-.04382	-.00807
.900	-2.345	-.14413	-.03203	.05354	.02038	.03315	.01385	.03231	-.00844	-.03696	-.00619
.899	-.273	-.15525	-.01951	.05099	.01961	.03139	.00464	.02908	-.00609	-.03532	-.00375
.899	1.810	-.14152	-.00799	.04963	.01950	.03012	-.00370	.02671	-.00585	-.03445	-.00151
.899	3.898	-.10511	.00040	.04831	.01938	.02894	-.00936	.02409	-.00562	-.03313	.00012
.900	5.986	-.08902	.00793	.04682	.01924	.02758	-.01453	.02255	-.00535	-.03318	.00160
	GRADIENT	.00245	.00521	-.00091	-.00017	-.00074	-.00381	-.00198	.00014	.00113	.00101

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.599	-5.779	.12714	-.04281	.05177	.01512	.03565	.02479	.04871	-.00712	-.04580	-.00829
.599	-3.708	.13419	-.03262	.04984	.01459	.03525	.01880	.04418	-.00684	-.04289	-.00630
.599	-1.632	.12163	-.02150	.04677	.01375	.03302	.01123	.04073	-.00641	-.04136	-.00411
.600	.413	.12484	-.01446	.04459	.01322	.03138	.00689	.03579	-.00609	-.03828	-.00272
.600	2.473	.11969	-.00743	04175	.01242	.02933	.00197	.03046	-.00569	-.03532	-.00135
.599	4.531	.12620	-.00075	.03989	.01221	.02768	-.00204	.02478	-.00537	-.03213	-.00004
.601	6.611	.12419	.00499	.03911	.01249	.02662	-.00732	.02073	-.00517	-.03050	.00109
	GRADIENT	-.00087	.00378	-.00121	-.00030	-.00092	-.00255	-.00238	.00018	.00134	.00074

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.899	-5.821	.06355	-.04643	.05787	.02183	.03604	.02485	.04797	-.00700	-.04774	-.00897
.899	-3.738	.04607	-.03720	.05517	.02124	.03393	.01792	.03685	-.00659	-.04015	-.00717
.899	-1.643	.02952	-.02597	.05296	.02050	.03246	.01012	.03111	-.00630	-.03662	-.00498
.900	.460	.01315	-.01454	.05061	.01998	.03063	.00179	.02863	-.00595	-.03583	-.00276
.901	2.535	.02667	-.00406	.04971	.02017	.02954	-.00573	.02631	-.00574	-.03490	-.00072
.901	4.612	.05906	.00329	.04844	.02005	.02839	-.01061	.02386	-.00551	-.03372	.00071
.900	6.724	.07157	.01065	.04768	.02003	.02763	-.01554	.02277	-.00536	-.03394	.00216
	GRADIENT	.00109	.00493	-.00080	-.00013	-.00067	-.00349	-.00147	.00013	.00070	.00096

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.097	-5.848	.18287	-.05383	.08308	.03572	.04736	.03205	.05595	-.00919	-.05667	-.01042
1.098	-3.715	.16832	-.04128	.08129	.03524	.04609	.02579	.05297	-.00894	-.05483	-.00797
1.100	-1.613	.18955	-.02998	.07901	.03433	.04467	.01857	.04910	-.00867	-.05291	-.00574
1.102	.488	.15663	-.01676	.07355	.03145	.04219	.00836	.04580	-.00819	-.05185	-.00314
1.100	2.596	.18675	-.00706	.07040	.03049	.03991	.00124	.03718	-.00775	-.04592	-.00127
1.162	4.667	.21582	-.00015	.06818	.03006	.03812	-.00371	.03021	-.00740	-.04183	.00007
1.098	6.795	.21647	.00863	.06534	.02933	.03601	-.01091	.02568	-.00699	-.04016	.00179
	GRADIENT	.00181	.00502	-.00166	-.00068	-.00098	-.00352	-.00270	.00019	.00155	.00098

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETALS	ALFALS	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
1.248	-5.882	.12424	-.05754	.07967	.03761	.04206	.03693	.05110	-.00817	-.05180	-.01119
1.249	-3.765	.14730	-.04584	.07790	.03662	.04129	.02990	.04787	-.00802	-.04977	-.00890
1.250	-1.628	.14424	-.03439	.07561	.03535	.04026	.02251	.04496	-.00782	-.04846	-.00665
1.250	.470	.13857	-.02320	.07162	.03359	.03803	.01430	.04068	-.00738	-.04655	-.00443
1.252	2.588	.13687	-.01316	.06683	.03139	.03544	.00658	.03471	-.00688	-.04309	-.00247
1.251	4.683	.15970	-.00557	.06398	.03021	.03377	.00103	.02956	-.00656	-.04010	-.00100
1.250	6.825	.14886	.00401	.06093	.02686	.03207	-.00719	.02381	-.00623	-.03872	.00087
	GRADIENT	.00082	.00482	-.00173	-.00079	-.00094	-.00349	-.00231	.00018	.00117	.00095

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.085	-5.839	.60028	-.11043	.04827	.00940	.03887	.04407	-.01194	-.00755	-.01044	-.02167
-8.101	-3.831	.60112	-.08936	.04636	.00900	.03737	.03329	-.01854	-.00725	-.00540	-.01755
-8.042	.085	.59980	-.05346	.04403	.00903	.03500	.01457	-.02554	-.00680	-.00053	-.01052
-7.997	4.079	.59985	-.01797	.04162	.00989	.03173	-.00686	-.02218	-.00616	-.00513	-.00355
-8.004	6.125	.60028	-.00319	.03776	.00971	.02806	-.01571	-.01780	-.00545	-.00991	-.00065
	GRADIENT	-.00016	.00902	-.00060	.00011	-.00071	-.00508	-.00046	.00014	.00003	.00177

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-3.985	-5.903	.59975	-.07616	.05056	.01301	.03755	.03478	.02555	-.00729	-.02975	-.01499
-3.958	-3.923	.60029	-.06003	.04852	.01257	.03595	.02596	.02122	-.00698	-.02674	-.01185
-3.896	.063	.59989	-.02871	.04426	.01200	.03225	.00821	.01853	-.00626	-.02582	-.00571
-3.888	4.009	.59967	-.00671	.04157	.01243	.02914	-.00556	.01501	-.00566	-.02572	-.00141
-3.862	5.990	.60024	.00177	.03951	.01256	.02695	-.01078	.01444	-.00523	-.02687	.00024
	GRADIENT	-.00008	.00673	-.00088	-.00002	-.00086	-.00397	-.00078	.00017	.00013	.00132

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.003	-6.479	.60019	-.04636	.05104	.01374	.03730	.02614	.04982	-.00724	-.04598	-.00911
.024	-4.418	.60007	-.03556	.04921	.01328	.03533	.01995	.04540	-.00698	-.04310	-.00700
.053	-.289	.60037	-.01691	.04450	.01197	.03253	.00804	.03793	-.00632	-.03885	-.00334
.076	3.828	.60094	-.00196	.03986	.01118	.02868	-.00238	.02778	-.00557	-.03314	-.00042
.084	5.899	.59998	.00459	.03864	.01127	.02737	-.00757	.02284	-.00531	-.03066	.00087
	GRADIENT	.00011	.00408	-.00113	-.00025	-.00088	-.00270	-.00214	.00017	.00121	.00080

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.326	-5.953	.60000	-.00125	.05148	.01579	.03569	.00751	.04444	-.00693	-.04531	-.00031
4.313	-3.968	.59982	.00123	.04936	.01528	.03457	.00575	.03930	-.00671	-.04134	.00017
4.371	.070	.60074	.00509	.04541	.01400	.03142	.00194	.02813	-.00610	-.03363	.00090
4.316	4.103	.60011	.00826	.04166	.01258	.02909	-.00343	.01599	-.00565	-.02546	.00150
4.276	6.095	.59915	.00965	.04110	.01295	.02815	-.00607	.01161	-.00547	-.02303	.00179
	GRADIENT	.00004	.00087	-.00101	-.00034	-.00068	-.00114	-.00289	.00013	.00197	.00017

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.156	-5.938	.59953	-.11133	.04711	.00831	.03990	.04431	-.01114	-.00753	-.01073	-.02185
-8.042	-3.817	.60062	-.08688	.04458	.00784	.03684	.03130	-.01665	-.00715	-.00657	-.01705
-8.036	.075	.59945	-.05276	.04303	.00802	.03501	.01410	-.02550	-.00680	-.00043	-.01038
-7.955	4.135	.59990	-.01638	.04035	.00884	.03151	-.00781	-.02126	-.00612	-.00542	-.00325
-8.006	6.085	.60022	-.00252	.03671	.00862	.02809	-.01624	-.01756	-.00545	-.00976	-.00055
	GRADIENT	-.00009	.00887	-.00055	.00013	-.00067	-.00492	-.00057	.00013	.00014	.00174

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-3.988	-5.896	.59928	-.07525	.04917	.01177	.03739	.03418	.02653	-.00726	-.02979	-.01480
-3.903	-3.879	.59898	-.05850	.04724	.01139	.03585	.02518	.02290	-.00696	-.02724	-.01152
-3.947	.056	.60006	-.02859	.04283	.01086	.03198	.00810	.01959	-.00621	-.02595	-.00566
-3.890	4.007	.60025	-.00590	.04018	.01127	.02891	-.00591	.01635	-.00561	-.02607	-.00121
-3.881	6.008	.59904	.00237	.03825	.01144	.02681	-.01125	.01533	-.00520	-.02714	.00041
	GRADIENT	.00016	.00667	-.00090	-.00002	-.00088	-.00394	-.00083	.00017	.00015	.00131

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.003	-6.479	.60019	-.04636	.05104	.01374	.03730	.02614	.04992	-.00724	-.04598	-.00911
.024	-4.418	.60007	-.03556	.04921	.01328	.03593	.01985	.04540	-.00698	-.04310	-.00700
.053	-.289	.60037	-.01691	.04450	.01197	.03253	.00804	.03793	-.00632	-.03885	-.00334
.076	3.828	.60094	-.00196	.03986	.01118	.02868	-.00238	.02778	-.00557	-.03314	-.00042
.084	5.898	.59998	.00459	.03864	.01127	.02737	-.00757	.02284	-.00531	-.03066	.00087
	GRADIENT	.00011	.00408	-.00113	-.00025	-.00088	-.00270	-.00214	.00017	.00121	.00080

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.337	-5.936	.60053	-.00073	.05020	.01465	.03555	.00717	.04535	-.00690	-.04554	-.00017
4.338	-3.990	.60273	.00175	.04863	.01402	.03461	.00544	.04024	-.00672	-.04157	.00031
4.346	.057	.59930	.00509	.04408	.01282	.03126	.00181	.02964	-.00607	-.03437	.00096
4.311	4.114	.59976	.00832	.04039	.01153	.02886	-.00349	.01725	-.00560	-.02603	.00161
4.302	6.133	.59865	.00985	.04000	.01191	.02810	-.00620	.01260	-.00545	-.02343	.00191
	GRADIENT	-.00037	.00081	-.00102	-.00031	-.00071	-.00110	-.00284	.00014	.00192	.00016

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL15) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.246	-5.747	.89944	-.12004	.05492	.01705	.03787	.04682	-.02760	-.00735	-.00783	-.02359
-8.174	-3.722	.89926	-.09863	.05255	.01640	.03615	.03691	-.03312	-.00702	-.00362	-.01939
-8.142	.174	.90073	-.05697	.05061	.01540	.03521	.01300	-.04105	-.00684	.00143	-.01121
-8.106	4.150	.90069	-.01759	.04593	.01520	.03064	-.01098	-.03545	-.00595	-.00366	-.00352
-8.080	6.192	.89926	-.00221	.04133	.01358	.02765	-.0200[illegible]	-.03171	-.00537	-.00363	-.00050
	GRADIENT	.00018	.01029	-.00085	-.00015	-.00070	-.006[illegible]	-.00042	.00014	-.00001	.00202

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.077	-5.883	.89971	-.08223	.05752	.02020	.03732	.03644	.01502	-.00724	-.02760	-.01615
-4.007	-3.866	.89956	-.06464	.05434	.01977	.03488	.02736	.01108	-.00677	-.02471	-.01271
-3.982	.110	.90043	-.03058	.04959	.01775	.03194	.00697	.00673	-.00620	-.02273	-.00604
-3.938	4.076	.89953	-.00584	.04747	.01856	.02891	-.00873	.00445	-.00561	-.02358	-.00121
-3.901	6.049	.90023	.00360	.04463	.01797	.02665	-.01481	.00559	-.00517	-.02626	.00063
	GRADIENT	-.00000	.00740	-.00090	-.00015	-.00075	-.00454	-.00084	.00015	.00014	.00145

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.069	-6.534	.89977	-.04975	.05837	.02097	.03741	.02687	.05059	-.00726	-.04936	-.00973
-.046	-4.438	.89930	-.03897	.05552	.02035	.03517	.02038	.04324	-.00683	-.04463	-.00764
-.070	-.261	.90071	-.01782	.05070	.01924	.03145	.00425	.02935	-.00611	-.03602	-.00353
-.021	3.896	.90041	.00187	.04794	.01905	.02889	-.01025	.02426	-.00561	-.03314	.00029
.000	5.992	.90013	.00965	.04697	.01901	.02796	-.01565	.02307	-.00543	-.03328	.00181
	GRADIENT	.00013	.00490	-.00091	-.00016	-.00075	-.00367	-.00228	.00015	.00138	.00095

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.385	-5.925	.89932	-.00518	.05946	.02183	.03764	.00991	.04761	-.00731	-.04899	-.00106
4.358	-3.931	.90011	-.00192	.05739	.02120	.03619	.00807	.04165	-.00703	-.04404	-.00042
4.337	.098	.89987	.00685	.04934	.01881	.03113	.00088	.03094	-.00604	-.03793	.00132
4.327	4.127	.89896	.00837	.04930	.01939	.03011	-.00220	.01800	-.00585	-.02990	.00159
4.291	6.107	.90003	.01120	.04800	.01932	.02868	-.00609	.01435	-.00557	-.02830	.00216
	GRADIENT	-.00014	.00129	-.00038	-.00022	-.00075	-.00127	-.00293	.00015	.00175	.00025

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.367	-5.806	.94921	-.12776	.05922	.01996	.03926	.04877	-.03295	-.00762	-.00649	-.02512
-8.281	-3.799	.95080	-.10463	.05760	.01961	.03799	.03765	-.03912	-.00738	-.00128	-.02059
-8.232	.168	.94952	-.05823	.05524	.01781	.03742	.01184	-.04201	-.00727	.00130	-.01151
-8.151	4.167	.94897	-.01745	.05038	.01762	.03276	-.01306	-.03540	-.00638	-.00484	-.00354
-8.126	6.185	.94927	-.00286	.04485	.01564	.02921	-.02118	-.02958	-.00567	-.01024	-.00069
	GRADIENT	-.00023	.01094	-.00091	-.00025	-.00066	-.00636	.00047	.00013	-.00045	.00214

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.090	-5.820	.95012	-.08583	.06232	.02335	.03296	.03788	.01564	-.00756	-.02893	-.01687
-4.096	-3.920	.94951	-.06899	.06046	.02298	.03748	.02932	.01214	-.00728	-.02582	-.01359
-4.047	.115	.94891	-.03129	.05553	.02069	.03485	.00717	.01129	-.00677	-.02560	-.00619
-3.953	4.061	.94994	-.00626	.05306	.02167	.03139	-.00835	.01034	-.00609	-.02751	-.00132
-3.946	6.075	.95022	.00298	.04855	.02032	.02823	-.01410	.01072	-.00548	-.02990	.00048
	GRADIENT	.00005	.00787	-.00093	-.00017	-.00076	-.00472	-.00023	.00015	-.00021	.00154

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.065	-6.543	.94942	-.05198	.06479	.02466	.04013	.02843	.05020	-.00779	-.04983	-.01021
-.027	-4.447	.94942	-.03991	.06245	.02425	.03819	.02199	.04575	-.00742	-.04718	-.00785
-.023	-.256	.94952	-.01896	.05663	.02252	.03411	.00881	.03556	-.00662	-.04127	-.00375
.009	3.915	.94977	-.00114	.05257	.02165	.03091	-.00469	.02415	-.00600	-.03477	-.00030
.021	6.018	.94948	.00590	.04945	.02103	.02841	-.00970	.02105	-.00552	-.03410	.00108
	GRADIENT	.00004	.00464	-.00118	-.00031	-.00087	-.00319	-.00258	.00017	.00148	.00090

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.372	-5.886	.94830	-.00807	.06433	.02428	.04005	.01190	.04425	-.00777	-.04835	-.00162
4.326	-3.891	.95104	-.00527	.06319	.02411	.03908	.00962	.03732	-.00759	-.04286	-.00106
4.351	.103	.95093	.00470	.05587	.02184	.03403	.00097	.02913	-.00661	-.03791	.00091
4.335	4.137	.94917	.00732	.05358	.02162	.03196	-.00195	.01727	-.00620	-.03049	.00140
4.324	6.105	.94990	.00917	.05095	.02104	.02992	-.00401	.01224	-.00581	-.02828	.00176
	GRADIENT	-.00023	.00157	-.00120	-.00031	-.00089	-.00144	-.00250	.00017	.00154	.00031

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL17) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.436	-5.817	1.09902	-.14393	.08049	.03047	.05002	.05779	-.02607	-.00971	-.01543	-.02822
-8.331	-3.773	1.09879	-.11744	.07915	.03014	.04901	.04425	-.03535	-.00951	-.00784	-.02302
-8.274	.229	1.09753	-.06353	.07493	.02852	.04641	.01243	-.03819	-.00901	-.00628	-.01254
-8.237	4.187	1.09756	-.01911	.06828	.02594	.04234	-.01500	-.03213	-.00822	-.01163	-.00383
-8.213	6.248	1.09744	-.00221	.06295	.02422	.03873	-.02574	-.02707	-.00752	-.01622	-.00052
	GRADIENT	-.00015	.01235	-.00136	-.00053	-.00084	-.00752	.00040	.00016	-.00047	.00241

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.154	-5.846	1.10051	-.09599	.08181	.03313	.04868	.04464	.02042	-.00945	-.03478	-.01880
-4.087	-3.862	1.10016	-.07643	.07917	.03226	.04691	.03417	.01849	-.00911	-.03292	-.01499
-4.019	.127	1.10092	-.03810	.07478	.03048	.04429	.01177	.01820	-.00860	-.03304	-.00749
-4.003	4.070	1.09873	-.00711	.06899	.02914	.03985	-.00971	.01737	-.00774	-.03437	-.00145
-3.970	6.103	1.09740	.00453	.06536	.02825	.03711	-.01731	.01839	-.00720	-.03700	.00081
	GRADIENT	-.00018	.00874	-.00128	-.00039	-.00069	-.00553	-.00014	.00017	-.00018	.00171

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.064	-6.560	1.10124	-.06062	.08246	.03454	.04792	.03679	.05635	-.00930	-.05667	-.01186
-.028	-4.439	1.09850	-.04731	.08117	.03419	.04698	.02907	.05365	-.00912	-.05522	-.00927
-.035	-.222	1.09746	-.02263	.07482	.03106	.04377	.01247	.04812	-.00850	-.05296	-.00442
.016	3.946	1.09879	-.00323	.06918	.02893	.03925	-.00195	.03412	-.00762	-.04391	-.00067
.042	6.061	1.10119	.00520	.06510	.02842	.03667	-.00067	.02831	-.00712	-.04075	.00097
	GRADIENT	.00003	.00526	-.00155	-.00053	-.00092	-.00370	-.00233	.00018	.00135	.00103

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.454	-5.873	1.10088	-.00966	.07993	.03464	.04529	.01754	.05674	-.00879	-.06152	-.00189
4.446	-3.892	1.10013	-.00610	.07826	.03370	.04455	.01419	.04763	-.00865	-.05531	-.00118
4.425	.140	1.10166	.00209	.07517	.03202	.04315	.00575	.03363	-.00838	-.04569	.00044
4.370	4.176	1.09736	.01004	.07006	.02984	.04024	-.00537	.02112	-.00781	-.03759	.00198
4.350	6.147	1.09837	.01275	.06727	.02880	.03947	[illegible]	.01649	-.00747	-.03517	.00251
	GRADIENT	-.00034	.00200	-.00101	-.00048	-.00053	-.00242	-.00329	.00010	.00220	.00039

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.393	-5.708	1.14910	-.14370	.08003	.03275	.04728	.05846	-.02634	-.00918	-.01414	-.02808
-8.335	-3.775	1.14908	-.11929	.07921	.03250	.04671	.04580	-.03569	-.00907	-.00638	-.02331
-8.311	.233	1.14952	-.06623	.07483	.03077	.04406	.01340	-.04107	-.00855	-.00411	-.01299
-8.247	4.212	1.15201	-.02130	.06762	.02753	.04010	-.01491	-.03279	-.00778	-.01063	-.00417
-8.180	6.220	1.15037	-.00448	.06182	.02521	.03662	-.02451	-.02595	-.00711	-.01614	-.00089
	GRADIENT	.00037	.01227	-.00145	-.00062	-.00083	-.00760	.00036	.00016	-.00053	.00240

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.120	-5.823	1.14953	-.09731	.08080	.03503	.04577	.04636	.02312	-.00889	-.03585	-.01898
-4.118	-3.895	1.15108	-.07891	.07823	.03415	.04408	.03589	.01665	-.00856	-.03187	-.01538
-4.016	.221	1.15088	-.03857	.07348	.03159	.04189	.01208	.01653	-.00813	-.03181	-.00750
-4.000	4.110	1.15157	-.00912	.06858	.03053	.03805	-.00812	.01692	-.00739	-.03386	-.00176
-4.003	6.179	1.14790	.00184	.06481	.02953	.03528	-.01541	.01789	-.00685	-.03614	.00037
	GRADIENT	.00006	.00873	-.00120	-.00045	-.00075	-.00550	.00003	.00015	-.00025	.00170

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-.056	-6.576	1.14854	-.06217	.08170	.03645	.04525	.03764	.05370	-.00878	-.05450	-.01209
-.015	-4.450	1.15182	-.04911	.08016	.03598	.04419	.03011	.05041	-.00858	-.05229	-.00954
-.023	-.229	1.15096	-.02540	.07476	.03331	.04145	.01426	.04560	-.00805	-.05044	-.00488
.007	3.947	1.14807	-.00470	.06672	.03022	.03650	-.00134	.03341	-.00709	-.04267	-.00088
.024	6.066	1.14941	.00379	.06363	.02932	.03432	-.00904	.02767	-.00666	-.03986	.00078
	GRADIENT	-.00045	.00529	-.00160	-.00069	-.00092	-.00375	-.00202	.00018	.00115	.00103

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.502	-5.867	1.15084	-.01156	.07934	.03639	.04294	.01852	.05239	-.00834	-.05729	-.00219
4.461	-3.878	1.14825	-.00851	.07819	.03579	.04240	.01655	.04645	-.00823	-.05324	-.00157
4.465	.142	1.14906	-.00008	.07423	.03358	.04065	.00731	.03231	-.00789	-.04492	.00010
4.397	4.186	1.15026	.00802	.06921	.03151	.03770	-.00414	.02004	-.00732	-.03684	.00167
4.354	6.135	1.15184	.01119	.06636	.03028	.03608	-.00775	.01640	-.00700	-.03543	.00228
	GRADIENT	.00025	.00205	-.00111	-.00053	-.00058	-.00257	-.00327	.00011	.00203	.00040

IA183,ALPHA-BETA UNCORR FLOW ANG (L SRB) (X4QL19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-8.308	-5.846	1.24899	-.14828	.07892	.03455	.04437	.06275	-.02496	-.00861	-.00882	-.02896
-8.301	-3.847	1.24856	-.12460	.07735	.03373	.04362	.05046	-.02913	-.00847	-.00527	-.02433
-8.273	.186	1.25101	-.07425	.07259	.03082	.04177	.01821	-.04183	-.00811	.00008	-.01456
-8.248	4.222	1.24809	-.02826	.06558	.02765	.03793	-.01284	-.04128	-.00736	-.00370	-.00556
-8.199	6.244	1.24937	-.01092	.06067	.02578	.03489	-.02319	-.03449	-.00677	-.00932	-.00217
	GRADIENT	-.00006	.01194	-.00146	-.00075	-.00071	-.00784	-.00150	.00014	.00019	.00233

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
-4.098	-5.916	1.25073	-.09813	.07872	.03623	.04249	.04790	.01567	-.00825	-.02960	-.01914
-4.011	-3.882	1.24895	-.07976	.07617	.03510	.04107	.03759	.01335	-.00797	-.02827	-.01556
-4.022	.107	1.25031	-.04418	.07189	.03202	.03906	.01521	.00999	-.00774	-.02648	-.00860
-3.954	4.110	1.25127	-.01457	.06678	.03012	.03636	-.00485	.01145	-.00712	-.02950	-.00282
-3.938	6.086	1.25083	-.00228	.06254	.02874	.03379	-.01311	.01277	-.00656	-.03185	-.00043
	GRADIENT	.00029	.00816	-.00117	-.00062	-.00055	-.00531	-.00024	.00011	-.00015	.00159

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
.060	-6.591	1.24715	-.06030	.08052	.03789	.04263	.04005	.05357	-.00828	-.05329	-.01174
.099	-4.468	1.25130	-.04832	.07866	.03687	.04179	.03288	.05042	-.00811	-.05127	-.00941
.114	-.233	1.25125	-.02768	.07394	.03457	.03937	.01896	.04445	-.00764	-.04904	-.00534
.135	3.971	1.25211	-.00911	.06546	.03060	.03486	.00423	.03163	-.00677	-.04171	-.00172
.131	6.093	1.24941	-.00007	.06235	.02935	.03301	-.00346	.02602	-.00641	-.03926	.00004
	GRADIENT	.00010	.00465	-.00156	-.00074	-.00082	-.00339	-.00223	.00016	.00113	.00091

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFALS	BETALS	MACH	CNFLS	CALS	CAFLS	CABLS	CLMFLS	CYFLS	CYNBLS	CYNFLS	CBLLS
4.587	-5.898	1.24907	-.01555	.07845	.03772	.04073	.02361	.05411	-.00791	-.05982	-.00296
4.550	-3.905	1.25116	-.01163	.07626	.03638	.03990	.01968	.04429	-.00775	-.05244	-.00219
4.538	.143	1.24786	-.00222	.07269	.03381	.03868	.01022	.02811	-.00755	-.04190	-.00033
4.459	4.173	1.24862	.00676	.06786	.03166	.03619	-.00170	.01462	-.00703	-.03330	.00143
4.421	6.164	1.24836	.00905	.06529	.03063	.03466	-.00489	.01182	-.00673	-.03256	.00187
	GRADIENT	-.00031	.00228	-.00104	-.00058	-.00046	-.00265	-.00367	.00009	.00237	.00045

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-8.048	.00315	-.06246	.04399	.00890	.03509	.01905	.02286	.00681	.00139	.01225
.600	-6.009	.01645	-.04502	.04364	.01031	.03332	.01383	-.00023	.00647	.01371	.00915
.601	-3.926	.01662	-.03310	.04395	.01145	.03250	.01026	-.02012	.00631	.02601	.00652
.599	-1.860	.01541	-.02214	.04448	.01231	.03217	.00767	-.03291	.00625	.03509	.00442
.600	.165	.00573	-.01314	.04411	.01261	.03151	.00557	-.03698	.00612	.03891	.00263
.600	2.257	.00012	-.00162	.04317	.01213	.03104	.00116	-.03706	.00603	.04003	.00037
.599	4.297	.00358	.00743	.04386	.01300	.03086	-.00140	-.02871	.00599	.03417	-.00143
.600	6.373	-.00149	.01629	.04487	.01337	.03150	-.00269	-.01635	.00612	.02672	-.00319
.600	8.473	-.01046	.02678	.04566	.01328	.03238	-.00449	.00156	.00629	.01707	-.00524
	GRADIENT	-.00201	.00494	-.00007	.00014	-.00021	-.00145	-.00104	-.00004	.00103	-.00097

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-8.194	-.07860	-.06777	.05047	.01572	.03475	.01841	.04320	.00675	-.00195	.01345
.898	-6.046	-.03841	-.04920	.04964	.01625	.03239	.01282	.01410	.00629	.01135	.00976
.901	-4.050	-.01876	-.03425	.04902	.01773	.03129	.00796	-.00674	.00608	.02262	.00681
.900	-1.984	-.01657	-.02277	.04986	.01894	.03092	.00452	-.02169	.00600	.03173	.00455
.898	.122	-.01620	-.01237	.05052	.01992	.03060	.00045	-.03045	.00594	.03736	.00251
.899	2.194	-.01174	-.00232	.05150	.02036	.03115	-.00271	-.03580	.00605	.04036	.00051
.900	4.305	-.00863	.00888	.05282	.02062	.03220	-.00395	-.03175	.00625	.03785	-.00172
.900	6.346	-.02299	.02002	.05292	.02024	.03268	-.00657	-.01680	.00634	.03032	-.00390
.900	8.440	-.04815	.02955	.05412	.02001	.03411	-.00779	.00348	.00662	.02113	-.00579
	GRADIENT	.00120	.00511	.00044	.00034	.00010	-.00149	-.00307	.00002	.00187	-.00101

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.949	-8.297	-.03069	-.06786	.05509	.01794	.03715	.01611	.04243	.00721	-.00108	.01346
.951	-6.197	.01141	-.04916	.05591	.01973	.03618	.01061	.01464	.00702	.01193	.00976
.953	-3.985	.04006	-.03535	.05601	.02100	.03500	.00921	-.01345	.00680	.02666	.00702
.950	-1.919	.03575	-.02438	.05592	.02196	.03396	.00770	-.02830	.00659	.03627	.00486
.952	.182	.03135	-.01487	.05628	.02275	.03353	.00561	-.03488	.00651	.04139	.00296
.950	2.208	.02707	-.00447	.05695	.02272	.03423	-.00002	-.03461	.00665	.04135	.00091
.948	4.304	.02587	.00712	.05784	.02295	.03487	-.00327	-.03177	.00677	.03953	-.00139
.949	6.387	.01550	.01944	.05791	.02242	.03550	-.00453	-.01557	.00689	.03129	-.00381
.949	8.412	-.01216	.03052	.05865	.02189	.03676	-.00764	.00418	.00714	.02151	-.00599
	GRADIENT	-.00179	.00506	.00023	.00023	-.00000	-.00158	-.00208	-.00000	.00149	-.00100

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.100	-8.357	-.01323	-.07285	.07469	.02745	.04725	.01686	.03684	.00917	.00795	.01441
1.099	-6.237	.03120	-.05402	.07391	.02831	.04551	.01284	.00712	.00883	.02162	.01065
1.102	-4.015	.06185	-.03813	.07362	.02940	.04421	.00975	-.01818	.00858	.03408	.00750
1.099	-1.903	.06513	-.02636	.07425	.03037	.04368	.00899	-.03899	.00852	.04678	.00515
1.099	.175	.06068	-.01682	.07411	.03069	.04342	.00803	-.04702	.00843	.05262	.00321
1.099	2.274	.05301	-.00758	.07361	.03032	.04279	.00582	-.04195	.00831	.05020	.00139
1.100	4.380	.05389	.00433	.07488	.03196	.04292	.00157	-.03475	.00833	.04547	-.00097
1.101	6.424	.02907	.01888	.07573	.03200	.04373	-.00516	-.01666	.00849	.03784	-.00381
1.102	8.452	-.00758	.03073	.07752	.03209	.04543	-.00892	-.00030	.00882	.02975	-.00616
	GRADIENT	-.00134	.00495	.00009	.00027	-.00018	-.00094	-.00172	-.00003	.00125	-.00099

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-9.755	-.15485	-.09192	.07165	.02903	.04262	.02185	.05700	.00827	-.00436	.01814
1.251	-7.363	-.10028	-.06947	.07050	.02952	.04098	.01785	.02660	.00796	.00863	.01345
1.251	-4.926	-.06904	-.04851	.07031	.03045	.03996	.01376	-.00169	.00774	.02318	.00950
1.249	-2.573	-.05285	-.03413	.07123	.03163	.03960	.01241	-.02546	.00769	.03679	.00663
1.249	-.245	-.04850	-.02319	.07209	.03281	.03928	.01330	-.04176	.00763	.04715	.00444
1.249	2.040	-.06433	-.01397	.07111	.03260	.03851	.01227	-.03927	.00748	.04730	.00259
1.251	4.287	-.06895	-.00036	.07111	.03290	.03821	.00675	-.03008	.00742	.04268	-.00009
1.252	6.395	-.09420	.01449	.07334	.03418	.03916	-.00089	-.01502	.00760	.03565	-.00302
1.250	8.671	-.12552	.02960	.07581	.03493	.04088	-.00676	.00445	.00794	.02729	-.00600
	GRADIENT	-.00047	.00506	.00007	.00026	-.00019	-.00061	-.00309	-.00004	.00216	-.00101

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR02) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.601	-8.868	.00873	-.07017	.04355	.00779	.03576	.02219	.03211	.00694	-.00326	.01384
.600	-4.552	.01214	-.03676	.04334	.01073	.03261	.01099	-.01469	.00633	.02238	.00727
.600	-2.470	.01479	-.02516	.04422	.01174	.03249	.00824	-.03049	.00631	.03308	.00498
.600	-.223	.00918	-.01508	.04400	.01223	.03177	.00595	-.03691	.00617	.03845	.00296
.600	1.870	.00416	-.00355	.04313	.01186	.03127	.00189	-.03824	.00607	.04067	.00068
.600	3.983	.00504	.00610	.04358	.01267	.03091	-.00136	-.03069	.00600	.03534	-.00123
.599	8.323	-.02716	.02620	.04546	.01299	.03247	-.00467	-.00032	.00630	.01786	-.00519
	GRADIENT	-.00116	.00501	-.00003	.00019	-.00022	-.00145	-.00186	-.00004	.00157	-.00099

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.099	-8.317	-.01236	-.07222	.07470	.02751	.04719	.01664	.03626	.00916	.00828	.01427
1.101	-6.194	.03122	-.05393	.07373	.02839	.04534	.01276	.00725	.00880	.02150	.01061
1.099	-4.021	.06201	-.03776	.07348	.02925	.04423	.00954	-.01825	.00859	.03413	.00741
1.102	-1.948	.06417	-.02650	.07424	.03049	.04375	.00800	-.03818	.00849	.04624	.00517
1.101	.190	.05933	-.01660	.07413	.03079	.04334	.00796	-.04689	.00841	.05257	.00316
1.099	2.290	.05288	-.00730	.07367	.03084	.04283	.00554	-.04189	.00832	.05015	.00133
1.099	4.378	.05311	.00439	.07487	.03191	.04297	.00153	-.03503	.00834	.04568	-.00098
1.099	6.367	.03191	.01876	.07564	.03187	.04377	-.00515	-.01936	.00850	.03819	-.00380
1.099	8.498	-.00554	.03111	.07774	.03210	.04563	-.00905	-.00034	.00886	.02996	-.00625
	GRADIENT	-.00138	.00492	.00010	.00027	-.00016	-.00092	-.00177	-.00003	.00128	-.00098

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-9.714	-.15802	-.09163	.07163	.02901	.04262	.02185	.05676	.00827	-.00425	.01808
1.250	-7.288	-.09875	-.06763	.07053	.02966	.04087	.01757	.02597	.00793	.00892	.01328
1.248	-4.918	-.06943	-.04886	.07035	.03036	.03999	.01405	-.00181	.00776	.02342	.00956
1.249	-2.628	-.05531	-.03434	.07122	.03141	.03981	.01245	-.02525	.00773	.03670	.00667
1.251	-.237	-.05127	-.02305	.07200	.03279	.03922	.01327	-.04176	.00761	.04710	.00440
1.252	2.081	-.06628	-.01398	.07106	.03268	.03838	.01239	-.03902	.00745	.04721	.00257
1.251	4.231	-.06763	-.00071	.07121	.03307	.03815	.00697	-.03042	.00741	.04286	-.00003
1.250	6.422	-.09238	.01476	.07333	.03412	.03921	-.00110	-.01486	.00761	.03558	-.00308
1.249	8.668	-.12449	.02968	.07587	.03483	.04104	-.00689	.00415	.00797	.02746	-.00602
	GRADIENT	-.00030	.00506	.00007	.00029	-.00022	-.00061	-.00312	-.00004	.00217	-.00101

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-8.344	-.12184	-.07705	.07111	.02955	.04156	.01871	.04078	.00807	.00235	.01519
1.251	-6.190	-.08500	-.05760	.06992	.02978	.04013	.01505	.01310	.00779	.01565	.01131
1.250	-3.965	-.05688	-.04196	.07047	.03093	.03954	.01312	-.01229	.00768	.02895	.00821
1.249	-1.842	-.04937	-.03015	.07156	.03208	.03948	.01260	-.03256	.00766	.04113	.00586
1.253	.294	-.05087	-.02054	.07190	.03295	.03895	.01337	-.04393	.00756	.04862	.00393
1.249	2.442	-.06097	-.01179	.07113	.03294	.03819	.01142	-.03660	.00741	.04569	.00218
1.253	4.461	-.07374	.00202	.07138	.03312	.03826	.00522	-.02828	.00743	.04194	-.00054
1.249	6.507	-.08945	.01590	.07376	.03433	.03942	-.00161	-.01362	.00765	.03488	-.00328
1.248	8.581	-.12556	.03002	.07585	.03473	.04112	-.00718	.00403	.00798	.02745	-.00606
	GRADIENT	-.00213	.00503	.00007	.00025	-.00018	-.00080	-.00172	-.00004	.00146	-.00100

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.102	-8.320	-.01117	-.07243	.07486	.02767	.04719	.01666	.03618	.00916	.00821	.01431
1.098	-6.224	.03114	-.05338	.07377	.02822	.04556	.01266	.00634	.00884	.02209	.01052
1.100	-4.082	.06114	-.03818	.07351	.02930	.04421	.00967	-.01798	.00858	.03396	.00750
1.098	-1.943	.06424	-.02634	.07426	.03036	.04390	.00876	-.03895	.00852	.04682	.00514
1.099	.157	.06046	-.01664	.07412	.03066	.04346	.00793	-.04702	.00844	.05263	.00318
1.102	2.311	.05233	-.00735	.07369	.03102	.04268	.00567	-.04138	.00828	.04978	.00134
1.102	4.363	.05282	.00415	.07490	.03204	.04286	.00180	-.03455	.00832	.04538	-.00093
1.100	6.439	.02791	.01916	.07589	.03208	.04381	-.00525	-.01832	.00850	.03769	-.00387
1.101	8.449	-.00282	.03118	.07759	.03220	.04539	-.00929	-.00088	.00881	.02984	-.00624
	GRADIENT	-.00135	.00490	.00010	.00029	-.00019	-.00089	-.00169	-.00004	.00123	-.00098

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR04) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.249	-9.712	-.15556	-.09153	.07171	.02904	.04267	.02191	.05673	.00828	-.00422	.01806
1.250	-7.311	-.09637	-.06775	.07059	.02970	.04089	.01769	.02543	.00794	.00919	.01331
1.251	-4.934	-.07086	-.04843	.07022	.03031	.03991	.01399	-.00247	.00775	.02359	.00947
1.249	-2.642	-.05571	-.03434	.07121	.03144	.03978	.01245	-.02544	.00772	.03686	.00667
1.249	-.205	-.04923	-.02288	.07210	.03234	.03916	.01334	-.04205	.00760	.04733	.00437
1.251	2.031	-.06706	-.01402	.07112	.03277	.03836	.01251	-.03915	.00745	.04729	.00260
1.252	4.272	-.06996	-.00021	.07106	.03292	.03815	.00658	-.02975	.00741	.04263	-.00012
1.251	6.301	-.09[illegible]0	.01463	.07328	.03408	.03920	-.00112	-.01485	.00761	.03549	-.00305
1.250	8.670	-.12656	.02964	.07581	.03478	.04103	-.00682	.00432	.00797	.02738	-.00600
	GRADIENT	-.00039	.00506	.00007	.00029	-.00021	-.00062	-.00299	-.00004	.00212	-.00101

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.098	-8.321	-.01171	-.07226	.07485	.02768	.04718	.01657	.03628	.00916	.00831	.01426
1.100	-6.224	.03283	-.05386	.07373	.02834	.04539	.01279	.00706	.00681	.02154	.01061
1.102	-4.072	.06138	-.03811	.07353	.02931	.04422	.00965	-.01794	.00858	.03390	.00747
1.099	-1.934	.06383	-.02633	.07426	.03040	.04386	.00883	-.03889	.00852	.04675	.00512
1.102	.163	.05996	-.01665	.07401	.03076	.04325	.00797	-.04680	.00840	.05245	.00317
1.101	2.312	.05245	-.00730	.07369	.03103	.04266	.00567	-.04138	.00828	.04985	.00132
1.100	4.350	.05535	.00420	.07497	.03210	.04287	.00170	-.03470	.00832	.04545	-.00095
1.102	6.391	.02873	.01915	.07576	.03204	.04373	-.00529	-.01827	.00849	.03765	-.00388
1.099	8.504	.00419	.03224	.07763	.03218	.04545	-.00936	-.00104	.00832	.02950	-.00645
	GRADIENT	-.00111	.00491	.00011	.00029	-.00019	-.00090	-.00172	-.00004	.00125	-.00098

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.249	-9.682	-.15720	-.09113	.07173	.02902	.04271	.02183	.05631	.00829	-.00397	.01798
1.249	-7.313	-.09609	-.06782	.07063	.02973	.04090	.01790	.02507	.00794	.00940	.01332
1.252	-4.940	-.07029	-.04834	.07031	.03051	.03980	.01375	-.00210	.00773	.02334	.00945
1.252	-2.645	-.05601	-.03440	.07121	.03153	.03968	.01254	-.02535	.00770	.03669	.00668
1.249	-.245	-.05025	-.02305	.07203	.03275	.03928	.01334	-.04199	.00763	.04728	.00440
1.249	2.082	-.06360	-.01362	.07113	.03271	.03841	.01203	-.03851	.00746	.04685	.00252
1.250	4.243	-.06726	-.00031	.07116	.03300	.03816	.00683	-.02989	.00741	.04265	-.00011
1.251	6.385	-.09273	.01468	.07337	.03417	.03920	-.00105	-.01472	.00761	.03546	-.00307
1.251	8.673	-.12680	.02977	.07582	.03485	.04097	-.00683	.00450	.00795	.02726	-.00603
	GRADIENT	-.00005	.00506	.00007	.00027	-.00020	-.00063	-.00301	-.00004	.00213	-.00101

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-8.269	-.13422	-.06465	.04349	.00810	.03539	.01962	.03210	.00687	-.00316	.01265
.600	-6.108	-.11487	-.04673	.04301	.00944	.03357	.01366	.00553	.00652	.01060	.00913
.600	-3.933	-.11024	-.03323	.04300	.01065	.03236	.01026	-.01592	.00628	.02333	.00648
.600	-1.760	-.11509	-.02259	.04379	.01149	.03230	.00811	-.03063	.00627	.03347	.00437
.601	.345	-.12053	-.01353	.04333	.01167	.03166	.00605	-.03537	.00615	.03756	.00256
.600	2.496	-.13504	-.00225	.04261	.01120	.03141	.00186	-.03589	.00610	.03896	.00034
.599	4.635	-.13898	.00776	.04283	.01175	.03108	-.00141	-.02795	.00603	.03352	-.00164
.601	6.808	-.14275	.01709	.04388	.01219	.03169	-.00271	-.01503	.00615	.02595	-.00347
.600	8.969	-.16300	.02726	.04434	.01197	.03237	-.00465	.00248	.00628	.01668	-.00546
	GRADIENT	-.00362	.00478	-.00007	.00009	-.00016	-.00138	-.00137	-.00003	.00121	-.00095

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.899	-8.638	-.23828	-.06997	.05108	.01499	.03609	.01868	.05249	.00701	-.00825	.01379
.899	-6.343	-.19789	-.05052	.04992	.01593	.03399	.01321	.02187	.00660	.00747	.00992
.900	-4.120	-.18039	-.03384	.04911	.01709	.03202	.00781	-.00291	.00622	.02076	.00660
.901	-1.936	-.17516	-.02234	.04978	.01651	.03127	.00438	-.02009	.00607	.03085	.00434
.901	.273	-.17500	-.01278	.05012	.01926	.03086	.00148	-.02927	.00599	.03659	.00246
.901	2.470	-.17759	-.00207	.05103	.01961	.03143	-.00210	-.03410	.00610	.03924	.00034
.901	4.693	-.18208	.00968	.05211	.01986	.03225	-.00404	-.02976	.00626	.03676	-.00198
.901	6.898	-.20316	.02109	.05231	.01922	.03309	-.00614	-.01351	.00642	.02865	-.00421
.902	9.133	-.24364	.03144	.05374	.01928	.03446	-.00824	.00818	.00669	.01920	-.00626
	GRADIENT	-.00027	.00487	.00033	.00030	.00003	-.00137	-.00307	.00001	.00183	-.00096

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.097	-9.025	-.38948	-.07503	.07455	.02685	.04770	.01403	.05258	.00928	.00008	.01471
1.098	-6.662	-.33323	-.05407	.07331	.02774	.04557	.01063	.01722	.00885	.01632	.01053
1.098	-4.322	-.29233	-.03697	.07270	.02857	.04412	.00751	-.01128	.00857	.02959	.00713
1.101	-1.980	-.28006	-.02479	.07311	.02981	.04330	.00706	-.03521	.00841	.04351	.00470
1.101	.304	-.28405	-.01513	.07337	.03040	.04297	.00676	-.04415	.00834	.04998	.00274
1.103	2.586	-.29668	-.00563	.07311	.03044	.04267	.00483	-.03886	.00828	.04757	.00088
1.101	4.793	-.30225	.00728	.07457	.03148	.04309	.00024	-.03133	.00837	.04313	-.00167
1.102	6.953	-.33603	.02238	.07534	.03129	.04405	-.00674	-.01379	.00855	.03475	-.00461
1.101	9.181	-.37122	.03685	.07666	.03102	.04564	-.01135	.00538	.00886	.02582	-.00742
	GRADIENT	-.00158	.00472	.00016	.00028	-.00012	-.00073	-.00195	-.00002	.00138	-.00094

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.251	-9.108	-.25227	-.08575	.07187	.02918	.04269	.01892	.05583	.00829	-.00492	.01688
1.251	-6.697	-.20195	-.06405	.07068	.02954	.04114	.01531	.02534	.00798	.00845	.01253
1.251	-4.275	-.16835	-.04511	.07071	.03061	.04009	.01230	-.00478	.00778	.02400	.00878
1.249	-1.966	-.15560	-.03115	.07162	.03196	.03966	.01099	-.02732	.00770	.03707	.00602
1.249	.391	-.15511	-.02147	.07226	.03320	.03906	.01263	-.04229	.00758	.04671	.00405
1.249	2.713	-.18024	-.01163	.07154	.03290	.03864	.01159	-.03766	.00750	.04597	.00210
1.250	4.881	-.19222	.00208	.07161	.03312	.03849	.00533	-.02810	.00747	.04131	-.00060
1.251	7.078	-.21955	.01699	.07364	.03425	.03939	-.00190	-.01249	.00765	.03368	-.00355
1.250	9.309	-.26200	.03219	.07532	.03418	.04114	-.00755	.00649	.00799	.02546	-.00653
	GRADIENT	-.00313	.00495	.00008	.00026	-.00018	-.00057	-.00251	-.00004	.00191	-.00099

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.248	-9.077	-.21693	-.08617	.07237	.02944	.04293	.01926	.05552	.00833	-.00501	.01690
1.247	-6.687	-.16976	-.06253	.07097	.02975	.04122	.01321	.02192	.00800	.00993	.01218
1.249	-4.304	-.14845	-.04407	.07073	.03062	.04011	.01213	-.00632	.00779	.02466	.00852
1.250	-1.935	-.14175	-.02988	.07138	.03185	.03953	.01067	-.02853	.00767	.03762	.00570
1.249	.417	-.15256	-.01999	.07205	.03294	.03912	.01225	-.04221	.00759	.04665	.00370
1.252	2.729	-.18142	-.01039	.07105	.03253	.03852	.01091	-.03575	.00748	.04472	.00181
1.249	4.894	-.20559	.00481	.07184	.03309	.03875	.00341	-.02567	.00752	.03997	-.00119
1.251	7.106	-.24345	.01873	.07381	.03412	.03969	-.00266	-.01025	.00771	.03256	-.00393
1.248	9.294	-.29376	.03353	.07528	.03395	.04133	-.00801	.00841	.00802	.02437	-.00682
	GRADIENT	-.00663	.00508	.00008	.00025	-.00016	-.00073	-.00204	-.00003	.00166	-.00101

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.549	-3.811	.06579	-.04481	.06272	.03069	.03203	.01548	-.00376	.00622	.02111	.00878
1.549	-1.466	.07045	-.03100	.06370	.03201	.03168	.01434	-.02478	.00615	.03439	.00602
1.550	-.261	.07029	-.02516	.06442	.03266	.03176	.01500	-.03341	.00617	.04037	.00485
1.550	.938	.06346	-.01963	.06473	.03304	.03169	.01529	-.03720	.00615	.04365	.00375
1.549	3.254	.02915	-.00981	.06388	.03212	.03176	.01417	-.02976	.00617	.04218	.00180
1.550	5.478	.00974	.00402	.06468	.03279	.03189	.00799	-.02012	.00619	.03906	-.00095
1.550	6.581	-.00169	.01092	.06591	.03387	.03204	.00559	-.01198	.00622	.03535	-.00233
	GRADIENT	-.00493	.00493	.00019	.00023	-.00003	-.00013	-.00384	-.00001	.00308	-.00098

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALFARS	BETARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.550	-6.625	-.29637	-.06625	.06257	.02996	.03261	.01879	.03172	.00633	-.00001	.01298
1.549	-4.282	-.27814	-.04569	.06246	.03051	.03194	.01418	.00445	.00620	.01569	.00893
1.550	-1.917	-.27363	-.03100	.06298	.03152	.03146	.01289	-.01838	.00611	.02993	.00600
1.550	.481	-.28268	-.01995	.06389	.03280	.03109	.01407	-.03403	.00604	.04133	.00378
1.550	2.843	-.31673	-.01019	.06425	.03319	.03106	.01423	-.02998	.00603	.04224	.00184
1.549	5.041	-.33777	.00349	.06331	.03215	.03116	.00764	-.01994	.00605	.03837	-.00087
1.552	6.155	-.35413	.01091	.06414	.03270	.03143	.00451	-.01250	.00610	.03480	-.00235
	GRADIENT	-.00525	.00495	.00026	.00039	-.00013	.00006	-.00500	-.00002	.00383	-.00099

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.600	-6.607	-.04293	.00624	.03799	.01100	.02698	-.00953	-.02436	.00524	.03288	-.00126
.600	-4.540	-.02413	-.00144	.03917	.01095	.02822	-.00344	-.02598	.00548	.03255	.00027
.600	-.409	-.00919	-.01485	.04345	.01147	.03199	.00631	-.03501	.00621	.03713	.00288
.601	3.702	.00240	-.02857	.04773	.01275	.03498	.01531	-.04457	.00679	.04347	.00557
.600	5.770	.00150	-.03710	.05005	.01338	.03667	.02055	-.04833	.00712	.04588	.00724
	GRADIENT	.00322	-.00329	.00104	.00022	.00082	.00228	-.00226	.00016	.00133	.00064

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-6.733	-.12740	.01176	.04688	.01900	.02788	-.01697	-.02399	.00541	.03627	-.00236
.899	-4.629	-.11822	.00326	.04753	.01905	.02849	-.01092	-.02393	.00553	.03474	-.00069
.901	-.444	-.15623	-.01338	.05000	.01897	.03103	.00067	-.02778	.00602	.03558	.00255
.900	3.710	-.11663	-.03379	.05337	.01938	.03399	.01571	-.03809	.00660	.04187	.00652
.900	5.799	-.10234	-.04269	.05641	.02025	.03616	.02189	-.04574	.00702	.04698	.00825
	GRADIENT	.00018	-.00444	.00070	.00004	.00066	.00319	-.00170	.00013	.00085	.00087

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.949	-6.758	-.15540	.00935	.04925	.02072	.02853	-.01291	-.02189	.00554	.03641	-.00198
.949	-4.651	-.13490	.00035	.05117	.02144	.02973	-.00607	-.02313	.00577	.03557	-.00023
.950	-.454	-.15584	-.01519	.05522	.02174	.03348	.00509	-.03199	.00650	.03923	.00279
.950	3.713	-.13618	-.03355	.06064	.02303	.03761	.01795	-.04413	.00730	.04656	.00639
.949	5.806	-.13764	-.04225	.06243	.02330	.03913	.02294	-.05045	.00760	.05058	.00808
	GRADIENT	-.00016	-.00406	.00113	.00019	.00094	.00287	-.00251	.00018	.00131	.00079

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.101	-6.802	-.21408	.01085	.06370	.02719	.03651	-.01439	-.02876	.00709	.04237	-.00236
1.098	-4.671	-.19203	.00132	.06611	.02792	.03819	-.00660	-.03084	.00741	.04217	-.00050
1.097	-.460	-.21983	-.01663	.07248	.02947	.04301	.00695	-.04397	.00835	.04974	.00296
1.099	3.710	-.17966	-.03869	.07902	.03188	.04714	.02295	-.05453	.00915	.05607	.00729
1.101	5.826	-.15872	-.05065	.08111	.03350	.04761	.03110	-.05586	.00924	.05632	.00963
	GRADIENT	.00146	-.00477	.00154	.00047	.00107	.00353	-.00283	.00021	.00166	.00093

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.149	-6.813	-.18542	.00975	.06247	.02840	.03407	-.01404	-.02834	.00662	.04203	-.00192
1.152	-4.673	-.15536	-.00017	.06529	.02922	.03608	-.00599	-.03086	.00700	.04194	.00002
1.151	-.455	-.18283	-.01874	.07234	.03131	.04103	.00819	-.04354	.00797	.04900	.00361
1.148	3.721	-.16914	-.04043	.07829	.03382	.04447	.02345	-.05216	.00863	.05413	.00786
1.149	5.834	-.15959	-.05218	.08078	.03524	.04554	.03136	-.05505	.00884	.05575	.01016
	GRADIENT	-.00165	-.00480	.00155	.00055	.00100	.00351	-.00254	.00019	.00145	.00093

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.247	-6.825	.01118	.00509	.06140	.02879	.03261	-.00897	-.02510	.00633	.03985	-.00103
1.251	-4.689	.04627	-.00394	.06374	.02943	.03431	-.00137	-.02895	.00666	.04065	.00073
1.251	-.453	.05495	-.02171	.07178	.03276	.03902	.01337	-.04126	.00758	.04693	.00417
1.252	3.749	.07003	-.04012	.07785	.03546	.04239	.02669	-.05077	.00923	.05192	.00779
1.249	5.860	.05876	-.04977	.08023	.03577	.04346	.03315	-.05407	.00844	.05406	.00968
	GRADIENT	.00291	-.00429	.00167	.00071	.00096	.00333	-.00259	.00019	.00133	.00084

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-6.614	-.03973	.00523	.03787	.01127	.02660	-.00889	-.02451	.00516	.03341	-.00103
.600	-4.519	-.02053	-.00237	.03932	.01138	.02794	-.00289	-.02616	.00542	.03302	.00047
.600	-2.457	-.02113	-.00835	.04139	.01152	.02988	.00142	-.03038	.00590	.03478	.00164
.600	-.398	-.01076	-.01530	.04379	.01200	.03179	.00675	-.03536	.00617	.03761	.00309
.600	1.658	-.00501	-.02213	.04589	.01260	.03329	.01118	-.04038	.00646	.04150	.00433
.599	3.717	-.00452	-.02909	.04816	.01324	.03492	.01572	-.04521	.00678	.04424	.00570
.600	5.771	-.00116	-.03677	.05011	.01374	.03637	.02071	-.04910	.00706	.04674	.00720
	GRADIENT	.00234	-.00327	.00108	.00023	.00084	.00228	-.00236	.00016	.00142	.00064

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.900	-6.737	-.12614	.01099	.04660	.01901	.02759	-.01652	-.02331	.00536	.03598	-.00214
.900	-4.628	-.11773	.00244	.04733	.01926	.02808	-.01028	-.02324	.00545	.03450	-.00047
.900	-2.524	-.13688	-.00603	.04911	.01941	.02970	-.00436	-.02369	.00577	.03341	.00119
.899	-.454	-.15728	-.01386	.05031	.01926	.03105	.00104	-.02762	.00603	.03551	.00271
.899	1.625	-.14965	-.02396	.05079	.01924	.03154	.00851	-.03232	.00612	.03834	.00467
.899	3.712	-.12045	-.03349	.05345	.01984	.03361	.01543	-.03805	.00652	.04196	.00653
.900	5.791	-.11354	-.04249	.05658	.02061	.03596	.02143	-.04543	.00698	.04699	.00829
	GRADIENT	-.00088	-.00431	.00067	.00005	.00062	.00309	-.00184	.00012	.00095	.00084

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR12) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.599	-5.911	.14813	.00525	.03837	.01192	.02645	-.00822	-.02545	.00513	.03336	-.00109
.599	-3.835	.14749	-.00205	.03952	.01173	.02779	-.00251	-.02757	.00540	.03347	.00037
.599	-1.759	.12686	-.00828	.04173	.01189	.02984	.00180	-.03179	.00579	.03534	.00159
.600	.205	.12389	-.01545	.04391	.01231	.03161	.00595	-.03591	.00614	.03851	.00299
.600	2.3[illegible]0	.11312	-.02300	.04537	.01282	.03305	.01207	-.04239	.00642	.04238	.00446
.599	4.396	.11416	-.03037	.04830	.01343	.03487	.01697	-.04651	.00677	.04487	.00591
.601	6.4[illegible]0	.10827	-.03734	.05018	.01401	.03617	.02155	-.05106	.00702	.04802	.00727
	GRADIENT	-.00391	-.00347	.00106	.00021	.00084	.00239	-.00236	.00016	.00145	.00068

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.899	-6.015	.07958	.01053	.04743	.01978	.02765	-.01595	-.02465	.00537	.03540	-.00207
.899	-3.921	.05579	.00218	.04807	.01976	.02931	-.01016	-.02367	.00550	.03337	-.00043
.899	-1.825	.03057	-.00617	.04964	.01987	.02977	-.00410	-.02555	.00578	.03394	.00120
.900	.269	.00677	-.01457	.05015	.01950	.03064	.00194	-.03025	.00595	.03716	.00284
.901	2.341	.01577	-.02482	.05116	.01954	.03162	.00970	-.03502	.00614	.04011	.00482
.901	4.417	.04344	-.03491	.05442	.02030	.03412	.01728	-.04131	.00662	.04400	.00679
.900	6.523	.04848	-.04398	.05792	.02122	.03670	.02363	-.04960	.00712	.04945	.00856
	GRADIENT	-.00191	-.00445	.00068	.00004	.00065	.00329	-.00215	.00013	.00132	.00087

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.097	-6.088	.21023	.00987	.06487	.02823	.03664	-.01311	-.02882	.00711	.04197	-.00200
1.098	-3.949	.20756	.00088	.06756	.02893	.03853	-.00609	-.03253	.00750	.04322	-.00024
1.100	-1.848	.19118	-.00845	.07172	.03047	.04126	.00116	-.03908	.00801	.04721	.00157
1.102	.241	.15386	-.01849	.07407	.03092	.04316	.00651	-.04708	.00838	.05218	.00351
1.100	2.355	.18222	-.03008	.07847	.03207	.04560	.01755	-.05179	.00885	.05497	.00578
1.102	4.427	.20374	-.04067	.08047	.03389	.04658	.02490	-.05573	.00904	.05689	.00787
1.098	6.544	.19593	-.05051	.08203	.03428	.04775	.03112	-.06083	.00927	.06012	.00978
	GRADIENT	-.00080	-.00500	.00155	.00059	.00097	.00374	-.00282	.00019	.00168	.00097

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR12) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETARS	ALFARS	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
1.248	-6.114	.15009	.00495	.06127	.02849	.03278	-.00933	-.02672	.00636	.04001	-.00104
1.249	-3.987	.16399	-.00452	.06370	.02911	.03459	-.00149	-.03082	.00672	.04125	.00081
1.250	-1.848	.15257	-.01315	.06782	.03071	.03710	.00542	-.03707	.00720	.04447	.00247
1.250	.250	.14758	-.02377	.07203	.03233	.03920	.01412	-.04341	.00761	.04769	.00454
1.252	2.364	.14062	-.03354	.07493	.03411	.04083	.02114	-.04804	.00793	.05046	.00646
1.251	4.451	.15690	-.04326	.07759	.03544	.04214	.02801	-.05105	.00818	.05221	.00838
1.250	6.578	.14228	-.05327	.07942	.03654	.04288	.03474	-.05501	.00833	.05475	.01033
	GRADIENT	-.00125	-.00464	.00165	.00076	.00089	.00354	-.00244	.00017	.00132	.00091

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.001	-6.033	.60028	-.01135	.03763	.00817	.02946	-.01312	.02261	.00572	.00737	.00229
-8.053	-4.009	.60112	-.02836	.04121	.00890	.03231	-.00275	.02670	.00627	.00208	.00566
-8.053	-.075	.59980	-.06307	.04400	.00902	.03498	.01918	.02236	.00679	.00167	.01246
-8.074	3.903	.59985	-.09141	.04656	.00969	.03687	.03325	.00974	.00716	.01071	.01799
-8.115	5.937	.60028	-.10943	.04816	.01050	.03766	.04268	.00233	.00731	.01578	.02150
	GRADIENT	-.00016	-.00797	.00068	.00010	.00058	.00455	-.00214	.00011	.00109	.00156

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-3.930	-6.033	.59975	-.00125	.03885	.01144	.02740	-.01118	-.01331	.00532	.02602	.00035
-3.922	-4.041	.60029	-.01256	.04111	.01160	.02951	-.00350	-.01304	.00573	.02340	.00257
-3.897	-.052	.59989	-.03344	.04438	.01185	.03254	.01031	-.02075	.00632	.02655	.00666
-3.928	3.882	.59967	-.05713	.04754	.01251	.03503	.02393	-.02779	.00680	.03093	.01129
-3.919	5.857	.60024	-.06977	.04981	.01316	.03665	.03147	-.03187	.00712	.03345	.01375
	GRADIENT	-.00008	-.00562	.00081	.00012	.00070	.00346	-.00186	.00014	.00095	.00110

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.021	-6.607	.60019	.00624	.03799	.01100	.02698	-.00953	-.02436	.00524	.03288	-.00126
.040	-4.540	.60007	-.00144	.03917	.01095	.02822	-.00344	-.02598	.00548	.03255	.00027
.055	-.409	.60037	-.01485	.04345	.01147	.03199	.00631	-.03501	.00621	.03713	.00288
.064	3.702	.60094	-.02857	.04773	.01275	.03498	.01531	-.04457	.00679	.04347	.00557
.066	5.770	.59998	-.03710	.05005	.01338	.03667	.02055	-.04933	.00712	.04588	.00724
	GRADIENT	.00011	-.00329	.00104	.00022	.00082	.00228	-.00226	.00016	.00133	.00064

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.313	-6.088	.60000	.01058	.04182	.01371	.02811	-.00568	-.01473	.00546	.02498	-.00207
4.305	-4.097	.59982	.00893	.04183	.01328	.02855	-.00435	-.01738	.00554	.02606	-.00173
4.378	-.062	.60074	.00767	.04400	.01319	.03082	-.00136	-.02883	.00598	.03418	-.00145
4.337	3.969	.60011	.00381	.04859	.01418	.03441	.00280	-.04083	.00668	.04298	-.00070
4.303	5.957	.59915	.00169	.05067	.01444	.03623	.00461	-.04530	.00703	.04630	-.00028
	GRADIENT	.00004	-.00064	.00084	.00011	.00073	.00089	-.00291	.00014	.00210	.00013

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.068	-6.133	.59953	-.01071	.03657	.00727	.02929	-.01315	.02299	.00569	.00733	.00213
-7.991	-3.995	.60062	-.02892	.04094	.00825	.03269	-.00165	.02651	.00635	.00194	.00572
-8.046	-.087	.59945	-.06410	.04326	.00818	.03508	.02029	.02336	.00681	.00127	.01259
-8.030	3.958	.59990	-.09209	.04588	.00896	.03692	.03437	.00905	.00717	.01109	.01807
-8.114	5.898	.60022	-.10996	.04720	.00961	.03758	.04356	.00261	.00730	.01554	.02155
	GRADIENT	-.00009	-.00794	.00062	.00009	.00053	.00452	-.00220	.00010	.00116	.00155

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-3.931	-6.024	.59928	-.00136	.03780	.01039	.02741	-.01050	-.01306	.00532	.02568	.00027
-3.866	-3.994	.59898	-.01286	.04027	.01048	.02979	-.00266	-.01285	.00578	.02291	.00253
-3.946	-.057	.60006	-.03388	.04319	.01073	.03245	.01097	-.01964	.00630	.02558	.00664
-3.928	3.882	.60025	-.05638	.04620	.01136	.03484	.02403	-.02760	.00676	.03060	.01103
-3.936	5.875	.59904	-.07038	.04893	.01221	.03672	.03222	-.03169	.00713	.03325	.01376
	GRADIENT	.00016	-.00553	.00075	.00011	.00064	.00339	-.00187	.00012	.00098	.00108

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.021	-6.607	.60019	.00624	.03799	.01100	.02698	-.00953	-.02436	.00524	.03288	-.00126
.040	-4.540	.60007	-.00144	.03917	.01095	.02822	-.00344	-.02598	.00548	.03255	.00027
.055	-.409	.60037	-.01485	.04345	.01147	.03199	.00631	-.03501	.00621	.03713	.00288
.064	3.702	.60094	-.02857	.04773	.01275	.03438	.01531	-.04457	.00679	.04347	.00557
.066	5.770	.59998	-.03710	.05005	.01338	.03867	.02055	-.04833	.00712	.04588	.00724
	GRADIENT	.00011	-.00329	.00104	.00022	.00082	.00228	-.00226	.00016	.00133	.00064

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.325	-6.070	.60053	.01026	.04081	.01266	.02815	-.00594	-.01429	.00547	.02451	-.00215
4.332	-4.119	.60273	.00873	.04076	.01214	.02862	-.00385	-.01695	.00556	.02560	-.00183
4.355	-.075	.59930	.00713	.04310	.01211	.03098	-.00083	-.02897	.00602	.03413	-.00151
4.334	3.980	.59976	.00358	.04763	.01307	.03456	.00325	-.04049	.00671	.04255	-.00082
4.331	5.996	.59865	.00130	.04973	.01332	.03641	.00521	-.04490	.00707	.04581	-.00037
	GRADIENT	-.00037	-.00064	.00085	.00011	.00073	.00088	-.00291	.00014	.00209	.00012

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR15) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.128	-6.101	.89944	-.01205	.04121	.01238	.02884	-.01544	.04005	.00560	.00346	.00237
-8.111	-4.061	.89926	-.03051	.04673	.01455	.03218	-.00418	.04541	.00625	-.00145	.00599
-8.162	-.157	.90073	-.06825	.05008	.01492	.03516	.01939	.04284	.00683	-.00147	.01338
-8.217	3.809	.90069	-.10087	.05098	.01631	.03466	.03683	.02898	.00673	.00694	.01975
-8.242	5.837	.89926	-.11661	.05342	.01712	.03629	.04523	.02049	.00705	.01254	.02324
	GRADIENT	.00018	-.00894	.00054	.00022	.00031	.00521	-.00209	.00006	.00107	.00175

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.007	-6.119	.89971	.00119	.04361	.01656	.02706	-.01575	-.00215	.00525	.02466	-.00028
-3.966	-4.083	.89956	-.01077	.04700	.01747	.02953	-.00731	-.00107	.00573	.02161	.00204
-3.987	-.102	.90043	-.03450	.04873	.01701	.03172	.00839	-.00782	.00616	.02336	.00665
-3.995	3.859	.89953	-.06130	.05295	.01910	.03395	.02515	-.01610	.00657	.02729	.01189
-3.985	5.819	.90023	-.07521	.05577	.01982	.03595	.03296	-.02246	.00698	.03141	.01461
	GRADIENT	-.00000	-.00636	.00075	.00021	.00054	.00409	-.00189	.00011	.00072	.00124

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.050	-6.733	.89977	.01176	.04688	.01900	.02788	-.01697	-.02399	.00541	.03627	-.00236
-.041	-4.629	.89930	.00326	.04753	.01905	.02849	-.01092	-.02393	.00553	.03474	-.00069
-.077	-.444	.90071	-.01338	.05000	.01897	.03103	.00067	-.02778	.00602	.03558	.00255
-.038	3.710	.90041	-.03379	.05337	.01938	.03399	.01571	-.03809	.00660	.04187	.00652
-.024	5.799	.90013	-.04269	.05641	.02025	.03616	.02189	-.04574	.00702	.04698	.00825
	GRADIENT	.00013	-.00444	.00070	.00004	.00066	.00319	-.00170	.00013	.00085	.00087

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.375	-6.119	.89932	.01297	.04941	.01999	.02942	-.00756	-.01600	.00571	.02839	-.00274
4.348	-4.114	.90011	.01154	.05035	.01985	.03050	-.00606	-.01991	.00592	.03011	-.00245
4.332	-.093	.89987	.00854	.05239	.01996	.03243	-.00340	-.03207	.00630	.03806	-.00186
4.332	3.931	.89896	-.00065	.05603	.02063	.03540	.00387	-.04025	.00687	.04393	-.00006
4.304	5.898	.90003	-.00596	.05785	.02079	.03706	.00786	-.04562	.00719	.04847	.00098
	GRADIENT	-.00014	-.00152	.00071	.00010	.00061	.00123	-.00253	.00012	.00172	.00030

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR18) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.243	-6.188	.94921	-.01040	.04420	.01415	.03005	-.01956	.03827	.00583	.00527	.00202
-8.213	-4.158	.95080	-.02807	.05014	.01643	.03371	-.00874	.04277	.00654	.00055	.00547
-8.256	-.173	.94952	-.06707	.05475	.01730	.03746	.01625	.04140	.00727	-.00059	.01309
-8.273	3.812	.94897	-.10545	.05542	.01903	.03638	.03772	.03107	.00706	.00638	.02057
-8.302	5.813	.94927	-.12458	.05757	.01985	.03772	.04716	.02336	.00732	.01202	.02433
	GRADIENT	-.00023	-.00971	.00066	.00033	.00034	.00583	-.00147	.00007	.00073	.00189

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.009	-6.071	.95012	.00158	.04818	.01933	.02885	-.01598	-.00764	.00560	.02809	-.00041
-4.049	-4.139	.94951	-.00962	.05242	.02022	.03220	-.00875	-.00501	.00625	.02413	.00175
-4.053	-.092	.94891	-.03575	.05521	.02013	.03508	.00961	-.01213	.00681	.02592	.00682
-4.014	3.843	.94994	-.06436	.05923	.02227	.03696	.02706	-.01972	.00718	.03004	.01240
-4.041	5.836	.95022	-.07854	.06032	.02232	.03900	.03434	-.02460	.00738	.03356	.01518
	GRADIENT	.00005	-.00686	.00095	.00026	.00060	.00449	-.00184	.00012	.00074	.00133

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.026	-6.758	.94942	.00935	.04925	.02072	.02853	-.01291	-.02189	.00554	.03641	-.00198
-.006	-4.651	.94942	.00035	.05117	.02144	.02973	-.00607	-.02313	.00577	.03557	-.00023
-.027	-.454	.94952	-.01519	.05522	.02174	.03348	.00509	-.03199	.00650	.03923	.00279
-.007	3.713	.94977	-.03365	.06064	.02303	.03761	.01795	-.04413	.00730	.04656	.00639
-.009	5.806	.94948	-.04225	.06243	.02330	.03913	.02294	-.05045	.00760	.05058	.00808
	GRADIENT	.00004	-.00406	.00113	.00019	.00094	.00287	-.00251	.00018	.00131	.00079

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.368	-6.103	.94830	.01156	.05233	.02124	.03108	-.00606	-.01493	.00603	.02896	-.00254
4.321	-4.094	.95104	.00999	.05475	.02198	.03277	-.00511	-.01974	.00636	.03126	-.00222
4.352	-.108	.95093	.00681	.05739	.02255	.03533	-.00243	-.03159	.00686	.03942	-.00161
4.356	3.918	.94917	-.00307	.06227	.02307	.03920	.00729	-.03942	.00761	.04547	.00032
4.351	5.872	.94990	-.00822	.06430	.02338	.04092	.01170	-.04590	.00795	.05030	.00133
	GRADIENT	-.00023	-.00163	.00094	.00014	.00080	.00155	-.00246	.00016	.00177	.00032

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.311	-6.264	1.09902	-.00822	.06177	.02279	.03899	-.02579	.03325	.00757	.01210	.00154
-8.266	-4.197	1.09879	-.02837	.06718	.02506	.04212	-.01253	.03915	.00818	.00704	.00547
-8.307	-.189	1.09753	-.07306	.07384	.02676	.04708	.01706	.03309	.00914	.00671	.01419
-8.367	3.755	1.09756	-.11883	.07792	.02840	.04942	.04480	.02533	.00959	.01406	.02309
-8.403	5.797	1.09744	-.13982	.07920	.02910	.05010	.05538	.01620	.00973	.02176	.02720
	GRADIENT	-.00016	-.01138	.00134	.00042	.00092	.00721	-.00155	.00018	.00088	.00222

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.081	-6.123	1.10051	.00537	.06390	.02649	.03742	-.02209	-.01194	.00726	.03330	-.00119
-4.047	-4.112	1.10016	-.00884	.06722	.02722	.04000	-.01167	-.01058	.00777	.02945	.00155
-4.031	-.120	1.10092	-.03841	.07246	.02859	.04337	.01001	-.01671	.00852	.03246	.00729
-4.067	3.809	1.09873	-.07128	.07768	.03074	.04694	.03097	-.02493	.00911	.03771	.01368
-4.064	5.826	1.09740	-.08779	.08053	.03167	.04896	.04080	-.03048	.00949	.04123	.01690
	GRADIENT	-.00018	-.00788	.00132	.00044	.00088	.00538	-.00181	.00017	.00104	.00153

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.031	-6.802	1.10124	.01085	.06370	.02719	.03651	-.01439	-.02876	.00709	.04237	-.00236
-.008	-4.671	1.09850	.00132	.06611	.02792	.03919	-.00550	-.03084	.00741	.04217	-.00050
-.035	-.460	1.09746	-.01663	.07248	.02947	.04301	.00695	-.04397	.00835	.04974	.00296
.004	3.710	1.09879	-.03869	.07902	.03188	.04714	.02295	-.05453	.00915	.05607	.00729
.025	5.826	1.10119	-.05065	.08111	.03350	.04761	.03110	-.05586	.00924	.05632	.00963
	GRADIENT	.00003	-.00477	.00154	.00047	.00107	.00353	-.00283	.00021	.00166	.00093

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.418	-6.152	1.10088	.01384	.06743	.02918	.03825	-.00852	-.01497	.00743	.03325	-.00306
4.419	-4.164	1.10013	.01218	.07087	.03058	.04029	-.00678	-.02009	.00782	.03591	-.00274
4.437	-.127	1.10166	.00394	.07435	.03165	.04270	.00250	-.03402	.00829	.04476	-.00115
4.412	3.899	1.09736	-.00598	.07775	.03161	.04613	.01126	-.04463	.00896	.05250	.00081
4.403	5.861	1.09837	-.01056	.07915	.03239	.04675	.01541	-.05221	.00908	.05782	.00171
	GRADIENT	-.00034	-.00225	.00085	.00013	.00072	.00224	-.00304	.00014	.00206	.00044

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.281	-6.145	1.14910	-.01207	.06194	.02444	.03750	-.02449	.03503	.00728	.01044	.00254
-8.278	-4.190	1.14908	-.03192	.06591	.02668	.04025	-.01123	.04094	.00791	.00563	.00641
-8.348	-.181	1.14952	-.07692	.07408	.02902	.04506	.01855	.03952	.00875	.00490	.01521
-8.380	3.787	1.15201	-.12159	.07795	.03086	.04709	.04604	.02653	.00914	.01327	.02385
-8.372	5.784	1.15037	-.14307	.07897	.03146	.04751	.05763	.01568	.00922	.02050	.02808
	GRADIENT	.00037	-.01124	.00139	.00053	.00086	.00718	-.00180	.00017	.00096	.00219

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.057	-6.090	1.14953	.00295	.06302	.02761	.03541	-.02134	-.01067	.00687	.03195	-.00048
-4.083	-4.145	1.15108	-.01114	.06628	.02848	.03780	-.01108	-.00848	.00734	.02792	.00224
-4.030	-.022	1.15088	-.04248	.07260	.03047	.04213	.01270	-.01583	.00818	.03137	.00832
-4.063	3.854	1.15157	-.07427	.07788	.03291	.04497	.03328	-.02370	.00873	.03638	.01452
-4.094	5.913	1.14790	-.09130	.08068	.03410	.04658	.04361	-.02880	.00904	.03925	.01784
	GRADIENT	.00006	-.00789	.00145	.00055	.00090	.00555	-.00190	.00017	.00105	.00153

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-.023	-6.813	1.14854	.00975	.06247	.02840	.03407	-.01404	-.02834	.00662	.04203	-.00192
.005	-4.673	1.15182	-.00017	.06529	.02922	.03608	-.00599	-.03086	.00700	.04194	.00002
-.022	-.455	1.15096	-.01874	.07234	.03131	.04103	.00819	-.04354	.00797	.04900	.00361
-.006	3.721	1.14807	-.04043	.07829	.03382	.04447	.02345	-.05216	.00863	.05413	.00786
.002	5.834	1.14941	-.05218	.08078	.03524	.04554	.03136	-.05505	.00884	.05575	.01016
	GRADIENT	-.00045	-.00480	.00155	.00055	.00100	.00351	-.00254	.00019	.00145	.00093

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.468	-6.141	1.15084	.01377	.06655	.03047	.03608	-.00866	-.01398	.00700	.03319	-.00279
4.431	-4.142	1.14825	.01135	.07012	.03174	.03837	-.00620	-.01880	.00745	.03534	-.00233
4.480	-.126	1.14906	.00180	.07436	.03342	.04094	.00461	-.03303	.00795	.04407	-.00048
4.445	3.911	1.15026	-.00812	.07794	.03434	.04350	.01288	-.04302	.00846	.05125	.00148
4.411	5.848	1.15184	-.01192	.07903	.03476	.04427	.01637	-.05084	.00859	.05673	.00224
	GRADIENT	.00025	-.00242	.00097	.00032	.00065	.00233	-.00301	.00013	.00198	.00047

IA183,ALPHA-BETA UNCORR FLOW ANG (R SRB) (X4QR19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-8.192	-6.236	1.24899	-.01340	.05958	.02459	.03509	-.02310	.03505	.00681	.00974	.00276
-8.239	-4.221	1.24856	-.03303	.06409	.02648	.03761	-.00935	.04031	.00730	.00534	.00659
-8.298	-.195	1.25101	-.07782	.07107	.02949	.04158	.01928	.04050	.00807	.00252	.01535
-8.361	3.828	1.24809	-.12542	.07710	.03256	.04454	.04898	.03066	.00865	.00674	.02455
-8.372	5.844	1.24937	-.15027	.07941	.03377	.04564	.06294	.02239	.00886	.01160	.02939
	GRADIENT	-.00006	-.01148	.00162	.00075	.00086	.00732	-.00120	.00017	.00017	.00223

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
-4.020	-6.173	1.25073	-.00032	.06104	.02768	.03337	-.01685	-.01141	.00648	.03155	.00010
-3.961	-4.127	1.24895	-.01423	.06502	.02879	.03623	-.00644	-.00991	.00703	.02878	.00279
-4.023	-.135	1.25031	-.04275	.07047	.03065	.03982	.01327	-.01160	.00773	.02865	.00835
-4.010	3.856	1.25127	-.07554	.07534	.03353	.04181	.03439	-.01697	.00812	.03137	.01473
-4.021	5.824	1.25083	-.09165	.07812	.03511	.04301	.04441	-.02117	.00835	.03360	.01787
	GRADIENT	.00029	-.00768	.00129	.00059	.00070	.00511	-.00088	.00014	.00032	.00150

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
.085	-6.825	1.24715	.00509	.06140	.02879	.03261	-.00897	-.02510	.00633	.03985	-.00103
.116	-4.689	1.25130	-.00394	.06374	.02943	.03431	-.00137	-.02895	.00666	.04065	.00073
.125	-.453	1.25125	-.02171	.07178	.03276	.03902	.01337	-.04126	.00758	.04693	.00417
.139	3.749	1.25211	-.04012	.07785	.03546	.04239	.02669	-.05077	.00823	.05192	.00779
.130	5.860	1.24941	-.04977	.08023	.03677	.04346	.03315	-.05407	.00844	.05406	.00968
	GRADIENT	.00010	-.00429	.00167	.00071	.00096	.00333	-.00259	.00019	.00133	.00084

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALFARS	BETARS	MACH	CNFRS	CARS	CAFRS	CABRS	CLMFRS	CYFRS	CYNBRS	CYNFRS	CBLRS
4.539	-6.197	1.24907	.01277	.06312	.02949	.03353	-.00829	-.01224	.00653	.03266	-.00263
4.512	-4.192	1.25116	.01046	.06558	.03032	.03528	-.00604	-.01587	.00685	.03429	-.00219
4.554	-.140	1.24786	.00176	.07126	.03291	.03835	.00545	-.02871	.00745	.04217	-.00051
4.523	3.880	1.24862	-.00541	.07639	.03531	.04108	.01371	-.04331	.00798	.05277	.00091
4.490	5.863	1.24836	-.00974	.07789	.03610	.04179	.01674	-.04842	.00811	.05581	.00177
	GRADIENT	-.00032	-.00197	.00134	.00062	.00072	.00245	-.00340	.00014	.00229	.00038

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS01) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3696/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-7.893	.09469	-.06412	-.33827	.05356	.20796	.05128	-.00980	-.00091	-.00087	.00170
.600	-5.886	.07488	-.04947	-.27553	.05854	.20618	.04798	-.00621	-.00185	-.00184	.00112
.601	-3.833	.06714	-.04612	-.21722	.06217	.20505	.04816	-.00356	-.00215	-.00203	.00070
.599	-1.795	.06548	-.05217	-.17166	.06425	.20548	.05245	-.00274	-.00115	-.00108	.00006
.600	.207	.06944	-.05906	-.12743	.06449	.20326	.05594	-.00033	-.00161	-.00161	-.00013
.600	2.280	.07339	-.06410	-.07856	.06175	.19657	.05511	.00325	-.00299	-.00298	-.00049
.599	4.299	.06727	-.06358	-.04328	.06295	.19750	.06444	.00373	-.00203	-.00213	-.00071
.600	6.349	.07176	-.06617	.00225	.06217	.19694	.06970	.00433	-.00177	-.00183	-.00058
.600	8.419	.08565	-.07500	.05731	.05952	.19501	.07090	.00630	-.00219	-.00220	-.00031
	GRADIENT	.00040	-.00230	.02168	-.00005	-.00118	.00173	.00101	-.00008	-.00010	-.00017

RUN NO. 3697/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.900	-7.961	.16927	-.15626	-.36413	.07751	.24025	.04763	-.00424	-.00231	-.00237	.00156
.898	-5.867	.13464	-.11467	-.28809	.08024	.23512	.04302	-.00405	-.00185	-.00204	.00086
.901	-3.912	.11379	-.09780	-.22433	.08348	.23232	.03942	-.00259	-.00172	-.00187	.00017
.900	-1.879	.10098	-.09464	-.17137	.08501	.22612	.03716	-.00022	-.00199	-.00198	-.00027
.898	.203	.09264	-.09220	-.12344	.08602	.22333	.03368	.00110	-.00218	-.00220	-.00058
.899	2.247	.08705	-.08832	-.07400	.08599	.22359	.03406	.00205	-.00213	-.00201	-.00073
.900	4.310	.09764	-.08653	-.01376	.08468	.22303	.03988	.00401	-.00313	-.00291	-.00098
.900	6.314	.12439	-.10141	.04570	.08145	.22065	.03876	.00287	-.00166	-.00172	-.00103
.900	8.369	.15435	-.12672	.09328	.08009	.22253	.03721	.00625	-.00316	-.00317	-.00055
	GRADIENT	-.00225	.00140	.02521	.00016	-.00103	-.00011	.00075	-.00014	-.00010	-.00013

RUN NO. 3698/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.949	-8.040	.18223	-.15962	-.36449	.08834	.25855	.03366	-.00650	-.00157	-.00163	.00129
.951	-5.997	.14313	-.11865	-.28778	.09325	.25946	.02970	-.00406	-.00227	-.00232	.00072
.953	-3.846	.11239	-.09213	-.21893	.09737	.25818	.03354	-.00199	-.00252	-.00251	.00034
.950	-1.826	.10083	-.09375	-.16632	.09952	.25453	.03979	-.00041	-.00197	-.00195	-.00020
.952	.241	.10601	-.09978	-.11652	.09958	.25113	.04215	.00027	-.00158	-.00156	-.00048
.950	2.253	.10521	-.10225	-.07244	.09743	.24730	.03703	.00127	-.00137	-.00127	-.00083
.948	4.313	.10541	-.10193	-.01482	.09579	.24482	.03625	.00275	-.00164	-.00146	-.00103
.949	6.341	.13624	-.11311	.05380	.09279	.24370	.03631	.00537	-.00332	-.00326	-.00109
.949	8.332	.15021	-.14037	.10872	.09061	.24476	.02983	.00586	-.00151	-.00146	-.00054
	GRADIENT	-.00047	-.00138	.02462	-.00021	-.00166	.00013	.00055	.00012	.00014	-.00016

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS01) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3701/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.100	-8.057	.23081	-.19693	-.37885	.14215	.33840	.03021	-.00870	.00030	.00046	.00113
1.099	-6.012	.17171	-.15273	-.30103	.14531	.33600	.03146	-.00621	.00016	.00017	.00023
1.102	-3.855	.12870	-.12133	-.23013	.14890	.33246	.03562	-.00276	-.00089	-.00094	-.00040
1.099	-1.802	.10843	-.11886	-.16882	.15039	.33000	.03919	-.00306	.00057	.00072	-.00068
1.099	.229	.11903	-.12332	-.11711	.15228	.32960	.04450	-.00075	-.00029	-.00011	-.00085
1.099	2.295	.12595	-.13096	-.07551	.15002	.32346	.05067	.00033	-.00026	-.00030	-.00110
1.100	4.366	.13596	-.12994	-.02122	.14954	.32103	.05138	.00311	-.00106	-.00112	-.00111
1.101	6.381	.14831	-.15453	.04299	.14910	.31970	.03848	.00479	-.00117	-.00115	-.00095
1.102	8.372	.16647	-.19076	.10188	.14757	.32074	.03426	.00575	-.00034	-.00026	-.00068
	GRADIENT	.00156	-.00143	.02488	.00003	-.00143	.00209	.00074	-.00006	-.00007	-.00009

RUN NO. 3671/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-9.368	.23079	-.22443	-.46125	.15825	.33507	.05160	-.00886	.00149	.00156	.00040
1.251	-7.082	.16209	-.16964	-.36058	.16069	.33217	.04734	-.00577	.00107	.00100	-.00010
1.251	-4.729	.12044	-.13868	-.27495	.16365	.32953	.04746	-.00243	.00046	.00038	-.00063
1.249	-2.450	.09874	-.12466	-.20633	.16703	.32827	.05357	-.00073	.00063	.00069	-.00096
1.249	-.195	.09250	-.12097	-.14827	.16948	.32767	.06550	.00188	-.00018	-.00006	-.00101
1.249	2.044	.10921	-.13658	-.10312	.16683	.32291	.07721	.00362	-.00056	-.00059	-.00129
1.251	4.256	.13660	-.13833	-.04345	.16393	.31672	.07398	.00988	-.00521	-.00531	-.00128
1.252	6.339	.15608	-.16258	.02029	.16312	.31590	.06120	.01147	-.00516	-.00518	-.00104
1.250	8.573	.19212	-.19664	.08871	.16366	.31834	.05605	.01138	-.00484	-.00476	-.00104
	GRADIENT	.00188	-.00049	.02521	.00002	-.00138	.00342	.00129	-.00056	-.00056	-.00007

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS02) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3639/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.601	-8.700	.12486	-.05403	-.36751	.05041	.20701	.05377	-.01178	.00003	.00006	.00195
.600	-4.450	.06412	-.05146	-.23856	.06041	.20404	.04794	-.00444	-.00164	-.00157	.00082
.600	-2.397	.06499	-.05147	-.18714	.06303	.20504	.05055	-.00190	-.00178	-.00170	.00036
.600	-.176	.06884	-.05650	-.13918	.06362	.20299	.05543	.00057	-.00172	-.00170	.00001
.600	1.896	.07613	-.06170	-.08799	.06141	.19754	.05446	.00373	-.00269	-.00269	-.00036
.600	3.995	.07186	-.05326	-.05240	.06191	.19641	.06368	.00406	-.00226	-.00237	-.00075
.599	8.278	.06539	-.09359	.05116	.05878	.19493	.07135	.00654	-.00202	-.00207	-.00029
	GRADIENT	.00126	-.00122	.02225	.00006	-.00108	.00167	.00107	-.00010	-.00012	-.00018

RUN NO. 3703/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.099	-8.020	.22956	-.19638	-.37689	.14265	.33861	.02975	-.00869	.00040	.00058	.00112
1.101	-5.968	.17255	-.15215	-.30124	.14572	.33577	.03223	-.00548	-.00038	-.00040	.00023
1.099	-3.861	.12866	-.12190	-.22937	.14820	.33242	.03431	-.00384	-.00021	-.00026	-.00042
1.102	-1.846	.10870	-.11903	-.17164	.15142	.33012	.04010	-.00174	-.00009	-.00000	-.00076
1.101	.244	.12022	-.12407	-.11748	.15264	.32955	.04517	-.00001	-.00077	-.00062	-.00090
1.099	2.310	.12519	-.13126	-.07524	.14935	.32361	.05105	.00057	-.00026	-.00032	-.00114
1.099	4.364	.13586	-.13102	-.02078	.14976	.32114	.05071	.00220	-.00040	-.00045	-.00107
1.099	6.325	.14974	-.15215	.04194	.14866	.31939	.03922	.00422	-.00108	-.00108	-.00098
1.099	8.417	.16952	-.18952	.10361	.14720	.32058	.03375	.00497	-.00029	-.00018	-.00064
	GRADIENT	.00151	-.00148	.02492	.00007	-.00141	.00212	.00070	-.00003	-.00003	-.00008

RUN NO. 3673/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-9.329	.22670	-.22734	-.45959	.15835	.33523	.05155	-.00869	.00164	.00171	.00043
1.250	-7.009	.16034	-.16918	-.35807	.16114	.33230	.04749	-.00539	.00087	.00079	-.00017
1.248	-4.752	.11758	-.14287	-.27591	.16364	.32986	.04777	-.00280	.00115	.00109	-.00061
1.249	-2.505	.09704	-.12733	-.20782	.16645	.32843	.05358	-.00113	.00112	.00121	-.00096
1.251	-.188	.09218	-.12118	-.14824	.16909	.32730	.06532	.00214	-.00034	-.00024	-.00107
1.252	2.063	.11156	-.13552	-.10164	.16678	.32234	.07789	.00422	-.00114	-.00117	-.00128
1.251	4.200	.13558	-.13795	-.04492	.16450	.31708	.07462	.00960	-.00495	-.00505	-.00127
1.250	6.366	.15503	-.16386	.02124	.16344	.31680	.06105	.01119	-.00482	-.00485	-.00106
1.249	8.571	.19169	-.19667	.08857	.16350	.31873	.05561	.01102	-.00473	-.00465	-.00109
	GRADIENT	.00220	.00009	.02526	.00010	-.00141	.00349	.00134	-.00064	-.00065	-.00007

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS03) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3705/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-8.019	.18993	-.19214	-.39905	.16033	.33412	.04803	-.00600	.00082	.00078	.00033
1.251	-5.950	.13930	-.15451	-.31691	.16220	.33051	.04684	-.00445	.00106	.00097	-.00038
1.250	-3.802	.11304	-.12739	-.24616	.16534	.32866	.05079	-.00192	.00036	.00034	-.00069
1.249	-1.744	.09604	-.12125	-.18780	.16820	.32783	.05758	-.00067	.00086	.00099	-.00093
1.253	.328	.09922	-.11879	-.13628	.16925	.32649	.07015	.00342	-.00108	-.00099	-.00110
1.249	2.440	.11767	-.13264	-.09520	.16536	.32055	.07894	.00572	-.00203	-.00204	-.00123
1.253	4.428	.14353	-.14183	-.03526	.16309	.31480	.06973	.01089	-.00521	-.00525	-.00110
1.249	6.448	.15926	-.16183	.02391	.16402	.31653	.06097	.01253	-.00568	-.00565	-.00096
1.248	8.485	.18440	-.19920	.08815	.16364	.31878	.05516	.01141	-.00407	-.00395	-.00098
	GRADIENT	.00399	-.00196	.02491	-.00031	-.00169	.00288	.00155	-.00068	-.00069	-.00005

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3702/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.102	-8.021	.23005	-.19448	-.37917	.14335	.33922	.03165	-.00844	.00000	.00015	.00102
1.098	-6.001	.17163	-.15320	-.29867	.14481	.33545	.03036	-.00680	.00055	.00059	.00025
1.100	-3.921	.12845	-.12265	-.23064	.14846	.33241	.03447	-.00361	-.00029	-.00035	-.00042
1.098	-1.841	.10817	-.12010	-.16884	.15098	.33043	.03856	-.00313	.00071	.00084	-.00069
1.099	.211	.12041	-.12359	-.11565	.15201	.32942	.04396	-.00134	.00000	.00020	-.00082
1.102	2.330	.12484	-.13102	-.07554	.15084	.32364	.05204	.00198	-.00105	-.00111	-.00117
1.102	4.348	.13605	-.13055	-.02170	.15041	.32153	.05214	.00363	-.00135	-.00140	-.00109
1.100	6.394	.14834	-.15590	.04366	.14944	.32018	.03851	.00517	-.00123	-.00122	-.00095
1.101	8.369	.16961	-.18638	.10269	.14808	.32053	.03365	.00506	-.00029	-.00020	-.00070
	GRADIENT	.00153	-.00129	.02468	.00018	-.00138	.00236	.00095	-.00019	-.00020	-.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS04) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3672/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.249	-9.328	.22629	-.22750	-.45970	.15840	.33543	.05163	-.00928	.00208	.00213	.00041
1.250	-7.033	.15849	-.16771	-.35724	.16126	.33206	.04781	-.00566	.00084	.00076	-.00017
1.251	-4.739	.11703	-.14037	-.27341	.16346	.32942	.04757	-.00251	.00075	.00068	-.00068
1.249	-2.519	.09518	-.12823	-.20676	.16651	.32839	.05329	-.00083	.00111	.00120	-.00096
1.249	-.157	.09186	-.12150	-.14635	.16989	.32777	.06613	.00252	-.00052	-.00042	-.00107
1.251	2.033	.10969	-.13723	-.10169	.16717	.32251	.07765	.00491	-.00122	-.00125	-.00128
1.252	4.241	.13913	-.13885	-.04208	.16394	.31639	.07314	.00993	-.00528	-.00538	-.00128
1.251	6.325	.15577	-.16245	.02077	.16317	.31639	.06077	.01095	-.00487	-.00490	-.00106
1.250	8.573	.19045	-.19775	.06873	.16333	.31857	.05569	.01100	-.00452	-.00444	-.00107
	GRADIENT	.00257	-.00025	.02522	.00007	-.00141	.00336	.00136	-.00064	-.00065	-.00007

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3704/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.098	-8.024	.22913	-.19593	-.37799	.14358	.33954	.03025	-.00853	.00032	.00048	.00106
1.100	-5.999	.17358	-.15088	-.30069	.14566	.33583	.03171	-.00577	-.00035	-.00035	.00024
1.102	-3.911	.12910	-.12189	-.23028	.14839	.33209	.03475	-.00308	-.00089	-.00074	-.00042
1.099	-1.833	.10745	-.12028	-.16375	.15102	.33008	.03687	-.00293	.00070	.00085	-.00071
1.102	.216	.12029	-.12336	-.11716	.15268	.32957	.04497	.00009	-.00081	-.00068	-.00091
1.101	2.331	.12529	-.13119	-.07476	.15101	.32390	.05172	.00166	-.00090	-.00096	-.00116
1.100	4.336	.13694	-.12835	-.02134	.15056	.32190	.05166	.00341	-.00142	-.00150	-.00107
1.102	6.347	.15006	-.15462	.04357	.14958	.32020	.03849	.00499	-.00133	-.00133	-.00097
1.099	8.421	.17251	-.17980	.10552	.14792	.32060	.03352	.00478	-.00069	-.00060	-.00080
	GRADIENT	.00161	-.00116	.02477	.00021	-.00129	.00226	.00085	-.00015	-.00016	-.00009

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS05) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = -1.000

RUN NO. 3674/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.249	-9.300	.22268	-.22911	-.45694	.15839	.33559	.05132	-.00919	.00241	.00249	.00046
1.249	-7.036	.15806	-.16829	-.35735	.16144	.33233	.04790	-.00633	.00134	.00126	-.00016
1.252	-4.744	.11841	-.13860	-.27337	.16385	.32934	.04748	-.00209	.00026	.00018	-.00070
1.252	-2.522	.09761	-.12529	-.20630	.16676	.32923	.05348	-.00054	.00049	.00056	-.00097
1.249	-.196	.09195	-.12194	-.14695	.16922	.32754	.06556	.00185	-.00010	.00002	-.00105
1.249	2.086	.11067	-.13622	-.10103	.16710	.32273	.07708	.00439	-.00101	-.00105	-.00131
1.250	4.212	.13788	-.13841	-.04268	.16439	.31683	.07330	.00980	-.00519	-.00530	-.00130
1.251	6.329	.15611	-.16267	.02135	.16345	.31631	.06077	.01128	-.00510	-.00513	-.00105
1.251	8.575	.19250	-.19700	.08932	.16343	.31833	.05581	.01146	-.00499	-.00491	-.00104
	GRADIENT	.00227	-.00046	.02516	.00007	-.00135	.00336	.00127	-.00055	-.00055	-.00007

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3712/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-8.153	.10724	-.06757	-.36614	.05489	.21062	.05881	.00624	-.00455	-.00461	-.00051
.600	-6.027	.08150	-.04971	-.29410	.05983	.20808	.05308	.00816	-.00496	-.00504	-.00063
.600	-3.885	.06900	-.04501	-.23359	.06350	.20612	.05279	.00894	-.00511	-.00515	-.00073
.600	-1.741	.06564	-.05043	-.18176	.06639	.20715	.05584	.01094	-.00589	-.00593	-.00085
.601	.341	.06557	-.05940	-.13767	.06622	.20405	.06141	.01287	-.00664	-.00668	-.00095
.600	2.472	.06419	-.06949	-.08699	.06348	.19978	.06029	.01620	-.00776	-.00781	-.00116
.599	4.591	.05847	-.07219	-.04571	.06404	.19918	.06644	.01930	-.00885	-.00890	-.00116
.601	6.736	.06148	-.08079	.00643	.06280	.19855	.07045	.02191	-.00931	-.00941	-.00069
.600	8.870	.06966	-.09730	.06184	.05987	.19651	.07060	.02585	-.01039	-.01051	-.00021
	GRADIENT	-.00106	-.00347	.02223	-.00009	-.00100	.00145	.00123	-.00044	-.00044	-.00006

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS06) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3713/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.899	-8.441	.20043	-.16102	-.39853	.07891	.24401	.05387	.00594	-.00481	-.00483	-.00037
.899	-6.205	.14291	-.12087	-.31425	.08220	.23899	.04921	.00917	-.00553	-.00560	-.00073
.900	-4.028	.11402	-.10302	-.23875	.08472	.23397	.04327	.00999	-.00534	-.00546	-.00100
.901	-1.877	.09812	-.09650	-.18280	.08599	.22734	.04163	.01180	-.00614	-.00616	-.00133
.901	.305	.09067	-.09592	-.13193	.08642	.22482	.04007	.01335	-.00687	-.00695	-.00141
901	2.4[illegible]	.0[illegible]31	- 09815	-.07843	.08606	.22442	.03948	.01562	-.00751	-.00749	-.00153
.901	4.650	.08438	-.10343	-.01292	.08482	.22256	.04169	.01732	-.00808	-.00803	-.00153
.901	6.813	.10994	-.12422	.04852	.08146	.22144	.03987	.01904	-.00831	-.00850	-.00120
.902	9.011	.13345	-.16399	.10415	.07966	.22367	.03086	.02437	-.00998	-.01008	-.00065
	GRADIENT	-.00378	-.00012	.02562	.00001	-.00115	-.00024	.00085	-.00032	-.00030	-.00006

RUN NO. 3709/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.097	-8.736	.27544	-.20507	-.41532	.14248	.34318	.03118	.00831	-.00854	-.00870	-.00077
1.098	-6.465	.21232	-.14916	-.32051	.14449	.33771	.02926	.01060	-.00937	-.00956	-.00097
1.098	-4.197	.15843	-.10811	-.24425	.14783	.33391	.03362	.01307	-.01009	-.01037	-.00150
1.101	-1.919	.13452	-.09669	-.17751	.15146	.33124	.03961	.01245	-.00913	-.00930	-.00152
1.101	.314	.14535	-.10057	-.11905	.15251	.32999	.04574	.01449	-.01051	-.01063	-.00153
1.103	2.558	.14823	-.11370	-.07406	.15040	.32429	.05375	.01513	-.01013	-.01033	-.00177
1.101	4.728	.15877	-.11888	-.01365	.150[illegible]	.32192	.05088	.01782	-.01106	-.01123	-.00152
1.102	6.858	.16491	-.15277	.05490	.14837	.31980	.03638	.01719	-.00905	-.00908	-.00118
1.101	9.041	.18710	-.18765	.12316	.14605	.32085	.03018	.01915	-.00893	-.00889	-.00076
	GRADIENT	.00063	-.00172	.02529	.00017	-.00139	.00218	.00054	-.00013	-.00012	-.00001

RUN NO. 3675/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.251	-8.777	.26314	-.18307	-.44458	.15802	.33474	.04922	.00404	-.00659	-.00659	-.00029
1.251	-6.466	.19817	-.13260	-.35200	.16028	.33189	.04608	.00533	-.00654	-.00669	-.00085
1.251	-4.132	.15691	-.09853	-.26656	.16277	.32856	.04701	.00541	-.00641	-.00655	-.00125
1.249	-1.895	.13784	-.08393	-.19949	.16576	.32759	.05354	.00607	-.00697	-.00701	-.00149
1.249	.391	.13456	-.08276	-.14012	.16805	.32609	.06476	.00798	-.00809	-.00802	-.00138
1.249	2.663	.14881	-.10842	-.09331	.16580	.32153	.07616	.00958	-.00816	-.00813	-.00151
1.250	4.802	.16828	-.12129	-.03495	.16318	.31627	.06826	.01214	-.00999	-.01001	-.00123
1.251	6.970	.17848	-.14987	.02763	.16378	.31753	.06002	.01287	-.00950	-.00949	-.00116
1.250	9.159	.20627	-.19076	.09377	.16386	.31994	.05325	.01295	-.00889	-.00879	-.00109
	GRADIENT	.00148	-.00311	.02539	.00004	-.00136	.00292	.00076	-.00037	-.00036	.00000

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS07) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3708/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.248	-8.747	.30588	-.14437	-.44207	.15977	.33706	.04876	.00339	-.00835	-.00830	.00051
1.247	-6.464	.22911	-.09618	-.34392	.16144	.33342	.04628	.00313	-.00881	-.00893	-.00041
1.249	-4.165	.17555	-.07651	-.26213	.16385	.32966	.04782	.00658	-.00791	-.00808	-.00099
1.250	-1.868	.16085	-.07084	-.19466	.16648	.32790	.05436	.00745	-.00836	-.00841	-.00133
1.249	.412	.13985	-.08070	-.13612	.16798	.32645	.06664	.01080	-.00984	-.00978	-.00139
1.252	2.678	.14879	-.11237	-.09222	.16605	.32148	.07802	.01254	-.01028	-.01028	-.00153
1.249	4.815	.16247	-.13359	-.02951	.16308	.31712	.06791	.01643	-.01260	-.01262	-.00146
1.251	6.995	.16172	-.17410	.03176	.16482	.31888	.06138	.01636	-.01084	-.01081	-.00114
1.248	9.139	.18047	-.22044	.10168	.16396	.32118	.05456	.01868	-.01136	-.01128	-.00102
	GRADIENT	-.00130	-.00689	.02522	-.00008	-.00140	.00286	.00110	-.00050	-.00048	-.00005

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS08) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = .000
DIRECT = 1.000

RUN NO. 3706/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.549	-3.643	.12335	-.10294	-.24932	.17202	.30148	.05806	-.00691	.00118	.00136	.00012
1.549	-1.374	.11079	-.10006	-.18065	.17515	.30066	.06282	-.00545	.00146	.00167	-.00027
1.550	-.212	.10969	-.10292	-.14992	.17633	.30082	.06905	-.00377	.00103	.00123	-.00041
1.550	.950	.11669	-.10898	-.12051	.17685	.30084	.07556	-.00305	.00099	.00114	-.00052
1.549	3.214	.14823	-.14080	-.07276	.17387	.29730	.08572	-.00283	.00144	.00153	-.00064
1.550	5.405	.18484	-.16301	-.01852	.17115	.29720	.08308	.00066	-.00069	-.00060	-.00066
1.550	6.486	.19391	-.17457	.01061	.17254	.29910	.08264	.00182	-.00127	-.00125	-.00066
	GRADIENT	.00351	-.00535	.02576	.00032	-.00054	.00418	.00064	.00001	-.00000	-.00011

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS09) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

BETA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 180.000
DIRECT = 1.000

RUN NO. 3707/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAT	BETLSU	BETRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.550	-6.396	.14674	-.12250	-.36394	.16980	.30674	.06827	.00587	-.00398	-.00407	-.00111
1.549	-4.142	.11566	-.10742	-.27476	.17191	.30430	.06278	.00759	-.00402	-.00410	-.00122
1.550	-1.858	.10425	-.10171	-.20029	.17474	.30379	.06607	.01019	-.00515	-.00527	-.00146
1.550	.461	.11003	-.11013	-.13695	.17656	.30273	.07749	.01336	-.00689	-.00702	-.00143
1.550	2.760	.13728	-.14436	-.08415	.17533	.29972	.08924	.01579	-.00781	-.00797	-.00132
1.549	4.929	.17209	-.16711	-.02867	.17023	.29577	.08446	.02108	-.01144	-.01163	-.00129
1.552	6.024	.18644	-.17436	.00175	.17048	.29665	.08331	.02200	-.01259	-.01278	-.00129
	GRADIENT	.00637	-.00710	.02673	-.00011	-.00093	.00294	.00143	-.00077	-.00078	-.00000

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.600	-6.519	-.00293	.02133	-.17460	.06311	.20579	.07175	.10934	-.01673	-.01874	-.01024
.600	-4.459	.02420	.04049	-.16226	.06423	.20379	.06819	.07544	-.01313	-.01463	-.00677
.600	-.335	.05311	.05455	-.14329	.06499	.20470	.06011	.00712	-.00309	-.00315	-.00071
.601	3.775	.07633	.06445	-.13435	.06527	.20485	.05748	-.06055	.00899	.01021	.00463
.600	5.842	.08436	.06638	-.13354	.06496	.20671	.05790	-.09450	.01393	.01574	.00735
	GRADIENT	.00633	.00291	.00339	.00013	.00013	-.00130	-.01652	.00269	.00302	.00138

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.900	-6.604	-.06897	-.04968	-.18663	.08762	.23812	.06645	.13129	-.02543	-.02728	-.01184
.899	-4.510	-.04628	-.04103	-.17075	.08792	.23396	.05951	.09145	-.02062	-.02192	-.00831
.901	-.337	-.06990	-.07741	-.13774	.08631	.22523	.03714	.01116	-.00441	-.00449	-.00143
.900	3.814	-.02144	-.03816	-.14355	.06695	.22877	.04443	-.07144	.01438	.01537	.00614
.900	5.903	.00039	-.02416	-.14761	.08745	.23363	.04936	-.11219	.02185	.02344	.00920
	GRADIENT	.00298	.00034	.00327	-.00012	-.00062	-.00181	-.01957	.00421	.00448	.00174

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS10) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.949	-6.616	-.06494	-.02633	-.18445	.09975	.25798	.06737	.13843	-.02864	-.03089	-.01174
.949	-4.522	-.02707	-.00595	-.16692	.10090	.25628	.06256	.09585	-.02356	-.02521	-.00795
.950	-.341	-.02322	-.02668	-.13144	.09991	.25189	.04436	.01133	-.00481	-.00493	-.00132
.950	3.821	.00886	-.00679	-.13594	.10079	.25559	.04863	-.07554	.01778	.01908	.00539
.949	5.912	.02098	-.00852	-.13812	.10025	.25683	.05069	-.11631	.02431	.02639	.00827
	GRADIENT	.00430	-.00012	.00372	-.00001	-.00008	-.00167	-.02066	.00495	.00531	.00180

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.101	-6.647	-.06416	-.03058	-.18829	.14963	.32966	.07329	.14473	-.03121	-.03343	-.01388
1.098	-4.530	-.02823	-.00788	-.17029	.14970	.32694	.06804	.09976	-.02524	-.02695	-.00969
1.097	-.329	-.03536	-.03544	-.13223	.14942	.32743	.04686	.01278	-.00700	-.00714	-.00185
1.099	3.833	.01567	.00448	-.13506	.15059	.32988	.05212	-.07617	.01639	.01792	.00600
1.101	5.942	.04241	.02480	-.14304	.15203	.33066	.05877	-.12050	.02457	.02670	.00975
	GRADIENT	.00524	.00147	.00422	.00011	.00035	-.00191	-.02104	.00498	.00537	.00188

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.149	-6.658	-.05648	-.02301	-.19268	.15637	.32683	.07592	.14343	-.03086	-.03303	-.01390
1.152	-4.533	-.01513	.00493	-.17732	.15807	.32581	.07197	.09808	-.02442	-.02599	-.00971
1.151	-.328	-.02300	-.02189	-.14102	.15939	.32865	.05171	.01180	-.00682	-.00691	-.00186
1.148	3.840	.00749	-.00636	-.13981	.15870	.32820	.05334	-.07566	.01598	.01753	.00610
1.149	5.949	.02382	.00236	-.14611	.15828	.32899	.05845	-.11898	.02309	.02527	.00984
	GRADIENT	.00269	-.00136	.00449	.00008	.00029	-.00223	-.02075	.00482	.00520	.00180

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.247	-6.665	.05969	.08524	-.19486	.16527	.32652	.09299	.14195	-.02962	-.03157	-.01272
1.251	-4.545	.09941	.11587	-.17867	.16536	.32407	.08805	.09629	-.02263	-.02408	-.00888
1.251	-.329	.11428	.12458	-.14807	.16748	.32683	.07345	.01193	-.00702	-.00709	-.00174
1.252	3.858	.13473	.13870	-.14488	.16540	.32686	.07340	-.07306	.01259	.01405	.00526
1.249	5.967	.13082	.13041	-.14522	.16618	.32662	.07335	-.11716	.02056	.02259	.00870
	GRADIENT	.00420	.00272	.00402	.00012	.00033	-.00175	-.02015	.00419	.00454	.00168

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS11) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 S077-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = 90.000
DIRECT = 1.000

RUN NO. 3717/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-6.524	.00200	.02730	-.17611	.06409	.20702	.07218	.11023	-.01633	-.01840	-.01017
.600	-4.436	.02775	.04468	-.16508	.06486	.20528	.06932	.07662	-.01278	-.01436	-.00678
.600	-2.380	.03564	.04349	-.14926	.06554	.20645	.05136	.04352	-.00926	-.01005	-.00347
.600	-.323	.05357	.05445	-.14580	.06611	.20641	.06150	.00902	-.00314	-.00329	-.00068
.600	1.734	.06381	.05905	-.13851	.06634	.20613	.05914	-.02509	.00383	.00436	.00184
.599	3.791	.07215	.06200	-.13676	.06611	.20664	.05924	-.05788	.00898	.01020	.00449
.600	5.845	.07915	.06445	-.13379	.06539	.20763	.05938	-.09118	.01374	.01552	.00710
	GRADIENT	.00569	.00244	.00328	.00016	.00012	-.00109	-.01641	.00275	.00309	.00135

RUN NO. 3714/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.900	-6.607	-.07021	-.04794	-.19015	.08727	.23755	.06759	.13311	-.02608	-.02796	-.01193
.900	-4.508	-.05169	-.04013	-.17389	.08761	.23278	.06028	.09386	-.02085	-.02222	-.00847
.900	-2.414	-.06570	-.05846	-.15850	.08703	.22687	.04926	.05303	-.01309	-.01376	-.00518
.899	-.347	-.07813	-.08016	-.14058	.08611	.22512	.03771	.01306	-.00473	-.00479	-.00145
.899	1.730	-.06428	-.07242	-.13611	.08654	.22623	.03672	-.02864	.00532	.00560	.00260
.899	3.816	-.02777	-.04311	-.14306	.08712	.22896	.04445	-.06873	.01393	.01484	.00596
.900	5.896	-.01102	-.03554	-.14820	.08718	.23273	.04928	-.10924	.02139	.02302	.00901
	GRADIENT	.00237	-.00096	.00405	-.00007	-.00041	-.00213	-.01957	.00423	.00449	.00176

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3716/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.599	-5.849	.05904	.08003	-.16244	.06830	.20873	.07088	.10329	-.01797	-.01995	-.00944
.599	-3.779	.06717	.08047	-.15107	.06869	.20634	.06690	.06817	-.01369	-.01514	-.00617
.599	-1.708	.05507	.06029	-.13579	.06835	.20749	.05766	.03395	-.00986	-.01047	-.00284
.600	.334	.05897	.05802	-.13344	.06915	.20689	.05794	-.00158	-.00299	-.00294	-.00022
.600	2.390	.05342	.04605	-.12758	.06869	.20446	.05535	-.03601	.00337	.00409	.00252
.599	4.445	.05916	.04713	-.12673	.06877	.20546	.05751	-.07121	.00957	.01096	.00515
.601	6.519	.06234	.04641	-.12519	.06834	.20681	.05986	-.10565	.01508	.01693	.00753
	GRADIENT	-.00086	-.00390	.00277	.00002	-.00023	-.00103	-.01697	.00291	.00325	.00136

RUN NO. 3715/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.899	-5.920	-.01343	.00261	-.17333	.09102	.23772	.06209	.12274	-.02636	-.02799	-.01094
.899	-3.836	-.03030	-.02058	-.16049	.09023	.23098	.05335	.08136	-.01969	-.02079	-.00768
.899	-1.745	-.04709	-.04604	-.14242	.08906	.22636	.04297	.04044	-.01237	-.01290	-.00413
.900	.351	-.06505	-.07143	-.12899	.08833	.22539	.03484	-.00122	-.00316	-.00315	-.00044
.901	2.422	-.05262	-.06352	-.12884	.08876	.22739	.03718	-.04389	.00688	.00729	.00349
.901	4.495	-.02007	-.03570	-.13793	.06942	.23126	.04706	-.08497	.01562	.01673	.00678
.900	6.600	-.00628	-.02937	-.14081	.08932	.23528	.05234	-.12598	.02316	.02492	.00979
	GRADIENT	.00070	-.00231	.00282	-.00009	.00007	-.00089	-.02002	.00431	.00457	.00176

RUN NO. 3718/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.097	-5.964	-.00148	.02589	-.16698	.15217	.33060	.06643	.13108	-.02931	-.03139	-.01240
1.098	-3.835	.01126	.02350	-.14930	.15292	.32876	.05959	.08626	-.02288	-.02432	-.00851
1.100	-1.738	.00592	.00755	-.13346	.15480	.32999	.05165	.04232	-.01408	-.01474	-.00477
1.102	.349	-.02639	-.02916	-.11703	.15484	.33128	.04040	-.00217	-.00335	-.00317	-.00037
1.100	2.456	.00303	-.00150	-.12071	.15462	.32993	.04614	-.04779	.00905	.01015	.00380
1.102	4.523	.03280	.02072	-.12843	.15539	.33177	.05430	-.09246	.01953	.02118	.00703
1.098	6.638	.03242	.01189	-.12699	.15222	.33037	.05431	-.13685	.02732	.02960	.01041
	GRADIENT	.00192	-.00070	.00261	.00023	.00029	-.00077	-.02140	.00516	.00554	.00190

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS12) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

ALPHA = .000 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000 PHI = -90.000
DIRECT = 1.000

RUN NO. 3719/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
1.248	-5.987	.05139	.07723	-.18378	.16693	.32722	.08208	.12583	-.02559	-.02739	-.01225
1.249	-3.873	.07576	.09245	-.17064	.16702	.32539	.07812	.08124	-.01788	-.01918	-.00834
1.250	-1.743	.07305	.08138	-.15376	.16795	.32593	.06993	.03897	-.01075	-.01136	-.00471
1.250	.344	.06763	.07664	-.14226	.17006	.32689	.06445	-.00187	-.00228	-.00205	-.00046
1.252	2.453	.06803	.07178	-.13953	.17069	.32654	.06401	-.04459	.00765	.00869	.00337
1.251	4.537	.08994	.08714	-.14336	.17024	.32724	.06937	-.08652	.01576	.01739	.00658
1.250	6.661	.07772	.07113	-.14210	.16871	.32721	.06995	-.13184	.02362	.02571	.01015
	GRADIENT	.00111	-.00097	.00328	.00044	.00020	-.00111	-.01994	.00408	.00443	.00180

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3640/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.874	-5.920	-8.08519	-8.00133	-.35794	.04786	.20430	.05344	.05995	.00313	.00130	-.01901
-7.913	-3.912	-8.10116	-8.05272	-.34608	.04886	.20415	.05005	.03589	.00126	.00027	-.01176
-7.896	-.001	-8.04231	-8.05284	-.33817	.05206	.20695	.05110	-.00809	-.00128	-.00129	.00178
-7.887	[illegible]5	-7.99676	-8.07385	-.32075	.05353	.20863	.04432	-.05089	-.00271	-.00171	.01402
-7.912	[illegible]08	-8.00445	-8.11476	-.31927	.05307	.20717	.04544	-.07345	-.00440	-.00254	.02017
	GR[illegible]ENT	.01323	-.00269	.00321	.00060	.00057	-.00073	-.01100	-.00050	-.00025	.00327

RUN NO. 3641/ 0 RN/L = 2.82 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.856	-5.946	-3.98497	-3.93007	-.25912	.05755	.20531	.06170	.07470	-.00214	-.00411	-.01428
-3.842	-3.968	-3.95801	-3.92231	-.24620	.05853	.20421	.05729	.04619	-.00225	-.00350	-.00909
-3.804	.003	-3.89612	-3.89727	-.21894	.06104	.20540	.04808	-.00306	-.00193	-.00188	.00076
-3.825	3.926	-3.88838	-3.92847	-.21093	.06250	.20619	.04659	-.04998	-.00123	-.00008	.00926
-3.811	5.898	-3.86179	-3.91083	-.21387	.06222	.20606	.05222	-.07594	-.00050	.00139	.01311
	GRADIENT	.00883	-.00077	.00447	.00050	.00025	-.00136	-.01218	.00013	.00043	.00233

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS13) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.048	-6.519	-.00293	.02133	-.17460	.06311	.20579	.07175	.10934	-.01673	-.01874	-.01024
.064	-4.459	.02420	.04049	-.16226	.06423	.20379	.06819	.07544	-.01313	-.01463	-.00677
.077	-.335	.05311	.05455	-.14329	.06499	.20470	.06011	.00712	-.00305	-.00315	-.00071
.091	3.775	.07633	.06445	-.13435	.06527	.20485	.05748	-.06055	.00899	.01021	.00463
.098	5.842	.08436	.06638	-.13354	.06496	.20671	.05790	-.09450	.01393	.01574	.00735
	GRADIENT	.00633	.00291	.00339	.00013	.00013	-.00130	-.01652	.00269	.00302	.00138

RUN NO. 3642/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.320	-6.033	4.32647	4.31264	-.05919	.06401	.20158	.07179	.13235	-.03212	-.03359	-.00234
4.310	-4.044	4.31315	4.30527	-.05324	.06377	.19925	.06975	.08927	-.02285	-.02402	-.00149
4.379	.004	4.37069	4.37796	-.04258	.06202	.19732	.06479	.00227	-.00165	-.00177	-.00074
4.325	4.047	4.31588	4.33742	-.04247	.06122	.19819	.06295	-.07622	.01680	.01783	.00025
4.285	6.038	4.27617	4.30298	-.04123	.06086	.20106	.06162	-.11363	.02510	.02667	.00082
	GRADIENT	.00034	.00398	.00133	-.00032	-.00013	-.00084	-.02045	.00490	.00517	.00021

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS14) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3646/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.943	-6.019	-8.15572	-8.06786	-.35763	.05116	.20628	.05226	.06553	.00212	.00027	-.01955
-7.855	-3.899	-8.04214	-7.99061	-.34344	.05268	.20847	.04873	.04126	-.00160	-.00241	-.01134
-7.891	-.010	-8.03645	-8.04552	-.33416	.05543	.20929	.05000	-.00561	-.00238	-.00236	.00188
-7.847	4.031	-7.95475	-8.03022	-.31537	.05703	.21046	.04370	-.05001	-.00334	-.00229	.01414
-7.913	5.969	-8.00572	-8.11367	-.31524	.05612	.20872	.04436	-.07169	-.00492	-.00308	.02012
	GRADIENT	.01108	-.00494	.00355	.00055	.00025	-.00064	-.01151	-.00022	.00002	.00321

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS14) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .600 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3647/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.859	-5.937	-3.98824	-3.93080	-.25522	.06062	.20618	.06064	.07610	-.00262	-.00456	-.01432
-3.789	-3.921	-3.90279	-3.86587	-.24062	.06169	.20557	.05601	.04718	-.00321	-.00438	-.00893
-3.855	-.002	-3.94661	-3.94602	-.21487	.06430	.20623	.04702	-.00172	-.00257	-.00248	.00072
-3.828	3.926	-3.89022	-3.92841	-.20437	.06549	.20684	.04546	-.04854	-.00173	-.00058	.00920
-3.830	5.917	-3.88106	-3.93648	-.21021	.06545	.20768	.05124	-.07555	-.00112	.00080	.01325
	GRADIENT	.00161	-.00797	.00462	.00049	.00016	-.00134	-.01220	.00019	.00048	.00231

RUN NO. 3645/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.048	-6.519	-.00293	.02133	-.17460	.06311	.20579	.07175	.10934	-.01673	-.01874	-.01024
.064	-4.459	.02420	.04049	-.16226	.06423	.20379	.06819	.07544	-.01313	-.01463	-.00677
.077	-.335	.05311	.05455	-.14329	.06499	.20470	.06011	.00712	-.00305	-.00315	-.00071
.091	3.775	.07633	.06445	-.13435	.06527	.20485	.05748	-.06055	.00899	.01021	.00463
.098	5.842	.08436	.06638	-.13354	.06496	.20671	.05790	-.09450	.01393	.01574	.00735
	GRADIENT	.00633	.00291	.00339	.00013	.00013	-.00130	-.01652	.00269	.00302	.00138

RUN NO. 3648/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.330	-6.015	4.33651	4.32491	-.05471	.06712	.20244	.07052	.13176	-.03214	-.03357	-.00227
4.335	-4.065	4.33844	4.33179	-.04833	.06547	.20018	.06840	.09008	-.02307	-.02423	-.00144
4.355	-.009	4.34638	4.35490	-.03884	.06522	.19852	.06338	.00367	-.00229	-.00235	-.00075
4.320	4.058	4.31099	4.33396	-.03763	.06426	.19909	.06156	-.07532	.01617	.01727	.00024
4.311	6.077	4.30230	4.33059	-.03523	.06393	.20208	.06011	-.11400	.02471	.02632	.00080
	GRADIENT	-.00338	.00026	.00132	-.00027	-.00013	-.00084	-.02036	.00483	.00511	.00021

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS15) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .900 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3650/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.943	-5.906	-8.24582	-8.12787	-.40312	.07541	.23718	.05956	.09136	-.01243	-.01418	-.02080
-7.910	-3.880	-8.17393	-8.11078	-.38910	.07827	.23908	.05718	.05933	-.01113	-.01190	-.01325
-7.933	.006	-8.14179	-8.16206	-.36195	.07946	.24220	.04657	-.00605	-.00103	-.00104	.00191
-7.949	3.960	-8.10596	-8.21656	-.35048	.08060	.23803	.04270	-.06617	.00557	.00636	.01572
-7.947	5.985	-8.07977	-8.24181	-.35019	.07913	.23725	.04211	-.09536	.00611	.00779	.02203
	GRADIENT	.00867	-.01349	.00492	.00030	-.00014	-.00184	-.01601	.00213	.00233	.00369

RUN NO. 3651/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.891	-5.970	-4.07743	-4.00698	-.28035	.08441	.23769	.06142	.09784	-.01338	-.01537	-.01599
-3.846	-3.953	-4.00714	-3.96616	-.26051	.08610	.23600	.05572	.06408	-.01143	-.01247	-.01049
-3.854	.002	-3.98195	-3.98742	-.22160	.08543	.23353	.03929	-.00257	-.00133	-.00138	.00030
-3.848	3.941	-3.93788	-3.99489	-.22575	.08830	.23424	.04601	-.06296	.00576	.00672	.01013
-3.826	5.898	-3.90121	-3.98491	-.23016	.08733	.23478	.05001	-.09507	.00863	.01043	.01449
	GRADIENT	.00877	-.00364	.00441	.00028	-.00022	-.00123	-.01609	.00218	.00243	.00261

RUN NO. 3649/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.010	-6.604	-.06897	-.04968	-.18663	.08762	.23812	.06645	.13129	-.02543	-.02728	-.01184
.019	-4.510	-.04628	-.04103	-.17075	.08792	.23396	.05951	.09145	-.02062	-.02192	-.00831
-.015	-.337	-.06990	-.07741	-.13774	.08631	.22523	.03714	.01116	-.00441	-.00449	-.00143
.021	3.814	-.02144	-.03816	-.14355	.08695	.22877	.04443	-.07144	.01438	.01537	.00614
.037	5.903	.00039	-.02416	-.14761	.08745	.23363	.04936	-.11219	.02185	.02344	.00920
	GRADIENT	.00298	.00034	.00327	-.00012	-.00062	-.00181	-.01957	.00421	.00448	.00174

RUN NO. 3652/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.375	-6.032	4.38478	4.37498	-.05360	.08826	.23477	.06524	.14072	-.03441	-.03601	-.00354
4.348	-4.031	4.35783	4.34791	-.04149	.08816	.23296	.05960	.09659	-.02563	-.02673	-.00268
4.335	-.002	4.33721	4.33173	-.00996	.08652	.22451	.03901	.00268	-.00210	-.00185	-.00082
4.324	4.03[illegible]	4.32678	4.33216	-.02742	.08584	.22647	.04991	-.06584	.02190	.02292	.00096
4.291	6.010	4.29117	4.30368	-.03244	.08553	.22964	.05134	-.12713	.03093	.03256	.00236
	GRADIENT	-.00385	-.00195	.00174	-.00029	-.00080	-.00120	-.02262	.00589	.00616	.00045

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS18) (18 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = .950 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3654/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-8.030	-5.984	-8.36747	-8.24275	-.41185	.08818	.25631	.04891	.10346	-.01702	-.01881	-.02259
-7.985	-3.971	-8.28080	-8.21327	-.39373	.09100	.25825	.04403	.06530	-.01301	-.01384	-.01490
-8.004	-.008	-8.23163	-8.25579	-.36230	.09118	.26064	.03242	-.00645	-.00134	-.00134	.00136
-7.980	3.971	-8.15146	-8.27346	-.35495	.09288	.25834	.03229	-.07193	.00745	.00815	.01654
-7.980	5.973	-8.12568	-8.30204	-.35600	.09125	.25705	.03356	-.10415	.00982	.01148	.02286
	GRADIENT	.01629	-.00758	.00488	.00024	.00001	-.00148	-.01728	.00258	.00277	.00396

RUN NO. 3655/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.889	-5.922	-4.09041	-4.00870	-.27943	.09779	.25845	.05469	.10653	-.01805	-.02001	-.01669
-3.921	-4.009	-4.09626	-4.04935	-.26236	.09288	.25856	.04938	.07073	-.01434	-.01536	-.01153
-3.915	.009	-4.04711	-4.05266	-.22099	.09843	.25805	.03417	-.00174	-.00253	-.00248	.00039
-3.860	3.926	-3.95251	-4.01386	-.22334	.10171	.25842	.03988	-.06724	.00763	.00872	.01053
-3.870	5.920	-3.94590	-4.04078	-.22733	.09976	.25817	.04233	-.10250	.01134	.01324	.01488
	GRADIENT	.01809	.00445	.00494	.00035	-.00002	-.00121	-.01739	.00277	.00304	.00278

RUN NO. 3653/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.019	-6.616	-.06494	-.02633	-.18445	.09975	.25798	.06737	.13843	-.02864	-.03089	-.01174
.036	-4.522	-.02707	-.00585	-.16692	.10090	.25628	.06256	.09686	-.02356	-.02521	-.00795
.015	-.341	-.02322	-.02668	-.13144	.09991	.25189	.04436	.01133	-.00481	-.00493	-.00132
.038	3.821	.00886	-.00679	-.13594	.10079	.25559	.04863	-.07554	.01778	.01908	.00539
.045	5.912	.02098	-.00852	-.13812	.10025	.25693	.05069	-.11631	.02431	.02639	.00827
	GRADIENT	.00430	-.00012	.00372	-.00001	-.00008	-.00167	-.02066	.00496	.00531	.00160

RUN NO. 3656/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.364	-6.005	4.37173	4.36754	-.05540	.09963	.25617	.06599	.14583	-.03638	-.03812	-.00384
4.322	-4.002	4.32602	4.32119	-.04414	.10075	.25581	.05843	.09885	-.02628	-.02750	-.00307
4.357	-.005	4.35125	4.35239	-.01193	.09837	.24728	.03631	.00254	-.00136	-.00111	-.00092
4.335	4.036	4.33506	4.35589	-.02820	.09729	.25027	.05240	-.08916	.02320	.02460	.00122
4.321	5.996	4.32362	4.35064	-.03399	.09734	.25382	.05758	-.13192	.03276	.03490	.00234
	GRADIENT	.00112	.00431	.00197	-.00043	-.00069	-.00074	-.02339	.00615	.00648	.00053

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS17) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.100 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3658/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-8.046	-6.029	-8.43598	-8.31079	-.43292	.13923	.33397	.04990	.10951	-.01615	-.01830	-.02626
-7.989	-3.976	-8.33140	-8.26599	-.41309	.14183	.33502	.04518	.06454	-.00897	-.01031	-.01736
-8.009	.015	-8.27403	-8.30726	-.37815	.14230	.33755	.03072	-.00882	-.00084	-.00071	.00133
-8.032	3.951	-8.23702	-8.36740	-.37182	.14212	.33701	.02967	-.07629	.00628	.00765	.01854
-8.035	5.996	-8.21275	-8.40343	-.37259	.14025	.33412	.03048	-.11495	.01196	.01417	.02570
	GRADIENT	.01191	-.01280	.00521	.00004	.00025	-.00196	-.01777	.00192	.00227	.00453

RUN NO. 3659/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.926	-5.954	-4.15368	-4.08114	-.29017	.14622	.33022	.05448	.11099	-.01742	-.01960	-.01951
-3.891	-3.969	-4.08719	-4.04676	-.27201	.14727	.32864	.04985	.07172	-.01411	-.01545	-.01322
-3.871	.004	-4.01939	-4.03107	-.23072	.14849	.33146	.03496	-.00362	-.00155	-.00163	-.00043
-3.894	3.919	-4.00316	-4.06678	-.22812	.15026	.33335	.03537	-.07109	.00766	.00904	.01166
-3.879	5.933	-3.97009	-4.06408	-.23401	.14837	.33195	.04043	-.10914	.01213	.01441	.01683
	GRADIENT	.01067	-.00252	.00558	.00038	.00060	-.00184	-.01810	.00276	.00311	.00315

RUN NO. 3657/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.021	-6.647	-.06416	-.03058	-.18829	.14963	.32966	.07329	.14473	-.03121	-.03343	-.01388
.037	-4.530	-.02823	-.00788	-.17029	.14970	.32694	.06804	.09976	-.02524	-.02695	-.00969
.004	-.329	-.03536	-.03544	-.13223	.14942	.32743	.04686	.01278	-.00700	-.00714	-.00185
.042	3.833	.01567	.00448	-.13506	.15059	.32988	.05212	-.07617	.01639	.01792	.00600
.066	5.942	.04241	.02480	-.14304	.15203	.33066	.05877	-.12050	.02457	.02670	.00975
	GRADIENT	.00524	.00147	.00422	.00011	.00035	-.00191	-.02104	.00498	.00537	.00188

RUN NO. 3660/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.420	-6.024	4.45363	4.41839	-.05472	.15138	.32547	.07545	.14836	-.03923	-.04060	-.00483
4.419	-4.042	4.44647	4.41854	-.03891	.15189	.32418	.06460	.10230	-.02980	-.03063	-.00397
4.417	.000	4.42549	4.43656	-.02002	.15092	.32148	.05204	.00173	-.00140	-.00148	-.00095
4.374	4.041	4.36958	4.41234	-.02734	.14732	.32361	.05304	-.09159	.02398	.02513	.00230
4.354	6.006	4.35023	4.40310	-.03371	.14703	.32472	.05849	-.13553	.03342	.03503	.00356
	GRADIENT	-.00951	-.00077	.00143	-.00057	-.00007	-.00143	-.02399	.00665	.00690	.00078

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS18) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.150 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3664/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.999	-5.912	-8.39252	-8.28134	-.43521	.14662	.33199	.05393	.10464	-.01610	-.01800	-.02537
-7.985	-3.968	-8.33530	-8.27810	-.41913	.14980	.33399	.05083	.06170	-.00842	-.00967	-.01698
-8.033	.018	-8.31138	-8.34821	-.38732	.15165	.33792	.03593	-.00981	-.00204	-.00184	.00166
-8.030	3.977	-8.24657	-8.37964	-.37826	.15139	.33685	.03506	-.07511	.00551	.00687	.01664
-7.994	5.972	-8.17973	-8.37161	-.37867	.14832	.33255	.03749	-.11308	.01083	.01294	.02591
	GRADIENT	.01116	-.01279	.00515	.00020	.00036	-.00199	-.01722	.00175	.00208	.00448

RUN NO. 3665/ 0 RN/L = 3.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.891	-5.925	-4.11968	-4.05687	-.29555	.15371	.32889	.05861	.10883	-.01826	-.02027	-.01929
-3.915	-4.003	-4.11761	-4.08254	-.27913	.15520	.32780	.05396	.07049	-.01474	-.01596	-.01319
-3.865	.098	-4.01611	-4.02956	-.23625	.15637	.33054	.04028	-.00643	-.00203	-.00198	.00028
-3.887	3.960	-3.99966	-4.06282	-.23427	.15912	.33416	.04272	-.07161	.00634	.00768	.01187
-3.908	6.012	-4.00261	-4.09420	-.24072	.15740	.33235	.04813	-.10982	.01061	.01280	.01705
	GRADIENT	.01491	.00258	.00568	.00049	.00080	-.00143	-.01786	.00265	.00297	.00315

RUN NO. 3663/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
.033	-6.658	-.05648	-.02301	-.19268	.15637	.32683	.07592	.14343	-.03086	-.03303	-.01390
.054	-4.533	-.01513	.00493	-.17732	.15807	.32591	.07197	.09808	-.02442	-.02599	-.00971
.020	-.328	-.02300	-.02189	-.14102	.15939	.32865	.05171	.01180	-.00682	-.00691	-.00186
.038	3.840	.00749	-.00636	-.13981	.15870	.32820	.05334	-.07566	.01598	.01753	.00610
.051	5.949	.02382	.00236	-.14611	.15828	.32889	.05845	-.11098	.02309	.02527	.00984
	GRADIENT	.00269	-.00136	.00449	.00008	.00029	-.00223	-.02075	.00482	.00520	.00189

RUN NO. 3666/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.470	-6.007	4.50160	4.46770	-.05577	.15825	.32434	.07770	.14746	-.03862	-.03995	-.00507
4.431	-4.017	4.46147	4.43110	-.04282	.15880	.32407	.07072	.10138	-.03086	-.03165	-.00417
4.456	.001	4.46517	4.48034	-.02852	.15835	.32177	.06075	.00037	-.00239	-.00233	-.00085
4.404	4.050	4.39720	4.44504	-.03573	.15704	.32317	.05967	-.09169	.02242	.02357	.00244
4.360	5.991	4.35365	4.41064	-.03927	.15569	.32330	.06247	-.13505	.03177	.03336	.00362
	GRADIENT	-.00798	.00171	.00087	-.00022	-.00011	-.00137	-.02393	.00660	.00684	.00082

IA183,ALPHA-BETA UNCORR FLOW ANG (TS) (X4QS19) (16 FEB 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0200 SD77-S

PARAMETRIC DATA

MACH = 1.250 IR-ELV = 10.020
OR-ELV = 5.000 IL-ELV = 9.900
OL-ELV = 5.000

RUN NO. 3668/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-7.905	-6.000	-8.30847	-8.19222	-.44189	.15538	.32855	.06709	.10338	-.00722	-.00903	-.02595
-7.941	-3.998	-8.30124	-8.23892	-.42648	.15752	.33032	.06321	.06044	-.00040	-.00156	-.01780
-7.973	-.004	-8.27277	-8.29835	-.39795	.15985	.33394	.04752	-.00624	.00089	.00086	.00033
-8.002	3.990	-8.24761	-8.36070	-.39633	.16111	.33439	.04662	-.07096	.00277	.00405	.01809
-7.983	5.998	-8.19874	-8.37150	-.40193	.16000	.33262	.05074	-.10792	.00569	.00778	.02604
	GRADIENT	.00671	-.01524	.00378	.00045	.00051	-.00208	-.01645	.00040	.00070	.00449

RUN NO. 3669/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
-3.867	-6.009	-4.09802	-4.02028	-.29875	.16210	.32691	.07108	.10628	-.01148	-.01325	-.01888
-3.800	-3.981	-4.01132	-3.96090	-.28128	.16309	.32735	.06659	.06614	-.00715	-.00909	-.01286
-3.857	-.011	-4.02177	-4.02286	-.24751	.16448	.32878	.04955	-.00215	.00083	.00083	-.00074
-3.831	3.961	-3.95443	-4.00994	-.24793	.16685	.33108	.05186	-.06458	.00458	.00558	.01114
-3.833	5.920	-3.93773	-4.02083	-.24943	.16547	.33015	.05401	-.10031	.00696	.00875	.01637
	GRADIENT	.00716	-.00618	.00420	.00047	.00047	-.00185	-.01646	.00148	.00172	.00302

RUN NO. 3667/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.0[illegible]

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	[illegible]NFTS	CYNTS	CBLFTS
.130	-6.865	.05969	.08524	-.19486	.16527	.32652	.09299	.14195	-.02962	-.03157	-.01272
.151	-4.545	.09941	.11587	-.17867	.16536	.32407	.08805	.09629	-.02263	-.02408	-.00888
.143	-.329	.11428	.12459	-.14807	.16748	.32583	.07345	.01193	-.00702	-.00709	-.00174
.156	3.858	.13473	.13970	-.14489	.16540	.32636	.07340	-.07306	.01259	.01405	.00526
.151	5.967	.13082	.13041	-.14522	.16618	.32662	.07335	-.11716	.02056	.02259	.00870
	GRADIENT	.00420	.00272	.00402	.00012	.00033	-.00175	-.02015	.00419	.00454	.00168

RUN NO. 3670/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAT	BETAT	ALFLSU	ALFRSU	CNFTS	CAFTS	CATS	CLMTS	CYFTS	CYNFTS	CYNTS	CBLFTS
4.545	-6.052	4.58710	4.53937	-.07191	.16389	.32014	.09276	.15027	-.03855	-.03992	-.00568
4.516	-4.053	4.55039	4.51218	-.05705	.16397	.31824	.08325	.10357	-.02916	-.03006	-.00466
4.521	-.000	4.53804	4.55393	-.03413	.16394	.31666	.07057	.00955	-.00478	-.00488	-.00125
4.457	4.033	4.45905	4.52254	-.03423	.16311	.31978	.07079	-.08703	.02348	.02443	.00169
4.421	6.014	4.42102	4.48954	-.03930	.16228	.32023	.07323	-.13211	.03202	.03340	.00283
	GRADIENT	-.01129	.00129	.00282	-.00011	.00019	-.00154	-.02357	.00651	.00674	.00079