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RESULTS OF SSV ORBITER AIR DATA SYSTEM CALIBRATION TEST USING THE 0.10-SCALE ORBITER FOREBODY MODEL 99-0 IN THE NASA/LEWIS 10 X 10-FOOT SUPERSONIC WIND TUNNEL (OA234)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

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by

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Prepared under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

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NASA Series Number:	OA234
Model Number:	99-0
Test Dates:	May 23, 1977 - August 12, 1977
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ABSTRACT

Tests were conducted on a 0.10-scale model of the OV102 orbiter forebody (Model 99-0) in the NASA/Lewis Research Center 10 x 10-foot supersonic wind tunnel during the period May 23, 1977 to August 2, 1977. Their purpose was to obtain calibrations of 0.1-and 0.2-scale Rosemount Air Data System probes through the Mach range of $2.0 \leq M \leq 2.7$. These probes provide in-flight information on free-stream pitot and static pressures and orbiter angle-of-attack. Pressures were also measured from flush surface taps distributed over the forebody and from taps within each of the RCS ports as possible alternate air data systems.

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COEFFICIENT SCHEDULES

(A): PTLDEC vs. α; PTLDEC vs. M
(B): PSLDEC vs. α; PSLDEC vs. M
(C): MINDL2 vs. M; MINDL2 vs. α
(D): PS1LDC vs. α; PS1LDC vs. M
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INTRODUCTION

This report presents the results of tests conducted on the 0.10-scale SSV orbiter forebody model 99-0 in the NASA/Lewis Research Center (LeRC) 10 x 10-Foot Supersonic Wind Tunnel.

The objective of these tests was to provide verification of the 0.2-scale air data probe calibrations which had previously been obtained in Test OA221B in the Ames Research Center 9 x 7 tunnel, i.e., to measure probe-sensed pitot and static pressure errors and determine local angle-of-attack. New data were also obtained on a 0.1-scale probe. Two alternate air data systems were also evaluated: namely, a flush port system in the forward fuselage, and instrumented RCS thruster chambers. A check of the tunnel local static pressure was obtained using a Rosemount, Incorporated standard probe; tunnel total pressure was checked using the 0.36-scale flight test probe.

The model was tested at angles-of-attack from -3° to 21° and side-slip angles of 0° and 2°. Mach numbers varied from 2.0 to 2.7 at Reynold's numbers up to 2.6 million per foot.

NOMENCLATURE

SYMBOL	PLOT SYMBOL	DEFINITION
a		speed of sound, m/sec., ft/sec
ADS		air data system
ADP	ADP	side-mounted air data probe
C_p	CP	pressure coefficient, $(p_1 - p_\infty)/q$
C_{p_i}	CPI	static pressure coefficient at tap i, $(p_i -)/q$
	CPSRA	Rosemount STD probe aft static pressure coefficient
	CPSRF	Rosemount STD probe forward static pressur coefficient
	CPSU1	0.1-scale uncompensated probe static pressure coefficient (model-mounted)
	CPSU2	0.2-scale uncompensated probe static pressure coefficient (model-mounted)
	CPSA	0.2-scale ADP static pressure coefficient
	CPTA	0.2-scale ADP total pressure coefficient
	CPS1A	0.1-scale ADP static pressure coefficient
$f_{\alpha_{ADS}}$		ADS side probe α calibration relationship
	FRL	fuselage reference line
	LHA	left-hand ADP mounting block - aft positic Locates the tip of a 0.2-scale probe at th proper location of a 0.1-scale probe
	LHFN	Left-hand ADP mounting block - forward pos .tion - new Locates the static pressure tap of a 0.2-scale probe at the proper location of 0.1-scale probe. Also properly locates a).1-scale probe.

SYMBOL	PLOT SYMBOL	DEFINITION
	LHFO	left-hand ADP mounting block - forward position - old. Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. However, the probe support blade was rolled 5.7° in excess, inboard-end-up.
M	MACH	Mach number, V/a
M_2	M2	Mach number behind the probe shock
M_ℓ	MACHAX	ADP local Mach number forward of the probe shock, X = L, R, or A
p	P	freestream static pressure, psf
PAL	PAL	ADS 0.2-scale side probe lower pressure measurement, psf
PAU	PAU	ADS 0.2-scale side probe upper pressure measurement, psf
p_i	PI	pressure at tap i, psf
p_ℓ	PLA	local pressure forward of the ADS probe shock, psf.
	PSRA	Rosemount STD probe aft static pressure, psf
	PSRF	Rosemount STD probe forward static pressure, psf
	PSU1	0.1-scale ADP static pressure measurement, psf
	PS1XDC	static pressure decrement, using 0.1 scale ADP static and 0.2 scale ADP total pressures
	PSA	0.2-scale ADP static pressure measurement, psf
	PSXDEC	0.2-scale ADP static pressure decrement, X = L, R, or A
	PSX/P	ratio of 0.2-scale ADP to freestream static pressures

NOMENCLATURE (Continued)

SYMBOL	PLOT SYMBOL	DEFINITION
p_t	PT	tunnel freestream total pressure, psf
p_{t_1}	PT1	total pressure in front of ADS probe shock wave
p_{t_2}	PT2	total pressure behind ADS probe shock wave
	PTA	0.2-scale ADP total pressure, psf
	PTXDEC	0.2-scale ADP total pressure decrement, X = L, R, or A
	PTX/P	ratio of 0.2-scale ADP to freestream total pressures, X = L, R, or A
q	Q(PSF),Q	freestream incompressible dynamic pressure, psf
q_c	QCOMP,QC	freestream compressible dynamic pressure, psf
	QCX	ADS side probe compressible dynamic pressure X = L, R, or A, psia
	QCX/QC	ratio of ADS side probe to freestream compressible dynamic pressures, q_{cx}/q_c, X = L, R, or A
	RAX	ADS side probe α calibration parameter, X = L, R, or A
	RHA	right-hand ADP mounting block - aft position Locates the tip of a 0.2-scale probe at the proper location of a 0.1-scale probe.
	RHFN	right-hand ADP mounting block - forward position - new Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. Also properly locates a 0.1-scale probe.
	RHFO	right-hand ADP mounting block - forward position - old Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. However, the probe support blade was rolled .7° in excess, inboard-end-up.
RN/FT	RN/L	Reynold's number per foot x 10^{-6}

SYMBOL	PLOT SYMBOL	DEFINITION
	STD	Rosemount standard static pressure survey probe
T_t	TTF	tunnel total temperature, ^{o}F
V		velocity, m/sec, ft/sec
α	ALPHA	model FRL angle-of-attack, deg.
α_{ADS_X}	AXP	local angle-of-attack, measured by ADS side probe WRT the probe ℄, deg.
α_{ADS_X}/α	AXP/A	ratio of ADS side probe local to model FRL angle-of-attack, X = L, R, or A
α_i	ALPHAI	indicated model angle-of-attack, deg.
α_u	ALPHAU	model FRL angle-of-attack uncorrected for sting/balance deflections, deg.
β	BETA	model FRL angle-of-sideslip, deg.
β_i	BETAI	indicated model sideslip angle, deg.
β_u	BETAU	angle-of-sideslip uncorrected for sting/balance deflections, deg.
Δ		increment
$\Delta\alpha$		flow angularity correction to alpha, deg.
$\Delta\beta$		flow angularity correction to beta, deg.
Δ_{p_i}		differential pressure at i, psf
ψ	PSI	angle of yaw, deg.
ϕ	PHI	angle of roll, deg.
ρ		mass density, kg/m^3, $slugs/ft^3$
		Reference & C.G. Definitions
	MRP	moment reference point

NOMENCLATURE (Concluded)

SYMBOL	PLOT SYMBOL	DEFINITION
		Reference & C.G. Definitions (Continued)
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis
SUBSCRIPTS		
A		average of left and right ADS probes
ADP		air data probe
ADS		air data system
b		base
i		variable for tap number
ℓ		local condition in front of ADS probe shock wave (same as 1)
L		ADS probe mounted on left-hand side of model
R		ADS probe mounted on right-hand side of model
S		static condition
T		total conditions
TS		tube size effect
u		uncorrected value
X		ADS side probe dummy index which can represent left side (L), right side (R), average of left and right (A), or data processed as taken (X)
∞		freestream
1		local conditions in front of the ADS probe shock wave (same as ℓ)
2		condition behind ADS probe shock wave

REMARKS

Following the first series of runs, which employed the Rosemount standard probe to measure the freestream static pressure, it was discovered that the model, standard probe and both 0.2-scale Rosemount side probes had been impacted by particulate contamination of the airstream. Testing was delayed for approximately one month while the tunnel circuit was thoroughly cleaned and the side probes were returned to Rosemount, Inc. for lapping of the hemispherical noses and a check of their calibrations in the Rosemount wind tunnel to M = 0.95. The check calibrations indicated that the characteristics of the side probes were essentially unchanged from the original calibrations. Subsequent running produced no additional damage to the model or probes.

CONFIGURATIONS INVESTIGATED

The model tested was a 0.10-scale replica of the orbiter v hicle 102 forebody. Orbiter lines were duplicated from the nose back to Fuselage Station 670. Aft of Station 670 the model was ogive-f ired to the sting. The aft closure terminated at Station 985.5 with an 8.8-inch diameter sting clearance hole. The thermal protection system (PS) tiles which are located on the outer surface of the orbiter, were not simulated on this model. Windshield recesses and cavity vent ports were uplicated.

The model was comprised of four, 0.6-inch thick cast alumi um shell sections with a 0.25-inch thick coating of epoxy which provided the outer contours. The four sections were the nose, two center se tions and the aft closure section. Two 3-inch thick bulkheads in the second section support the balance sleeve. Adjoining sections are con ected via rims to which they are bolted. The total model weight is 7 5 pounds.

A pair of ADS side probes were tested which were 0.2-scale replicas of the vehicle probes, including compensating contouring in the vicinity of the static pressure taps. Due to the small size of the prob s, all pressure instrumentation could not be included in each probe. nerefore, one probe contained only the pitot and static pressure measurem nts and the other probe contained the upper and lower flow angle sensor . See Figures 2b and 2c.

These probes were tested at two longitudinal locations, i. ., a forward position with the static tap at a point corresponding t that of a 0.1-scale probe and an aft position with the probe tip at a p int

corresponding to that of a 0.1-scale probe. Separate mounting blocks were employed to attain these locations. The probes could be interchanged between left and right sides of the model.

A second set of side-mounted probes was provided by Rockwell, one probe at 0.1-scale and the other at 0.2-scale, to determine scale effects. Both of these probes were equipped only for the measurement of static pressure, and they did not include static pressure compensating contours. Both compensated and uncompensated side probes were interchangeable on either side of the model. Figure 2e depicts the uncompensated side probes.

A third, single probe, built to 0.1-scale and containing only static pressure instrumentation was mounted in either the left-hand or right-hand "new forward position" receptacles. See Figure 2d.

Nose-mounted adapting hardware was used to hold either a Rosemount standard static survey probe (Figure 2f), or a 0.36-scale flight test (FT) probe. See Figure 2g. The Rosemount standard static pressure probe was utilized for one series of runs to provide a check on the tunnel freestream static pressure, and the FT probe was used as a check on the tunnel total pressure.

RCS thruster nozzles were simulated at 16 places on the forebody. The inside end of each nozzle was instrumented with a single pressure tap as a possible air data sensor.

Flush static pressure taps, located at 41 locations on both sides

of the forebody, served as additional air data sensors. Twenty-nine more flush taps were added to the model prior to Run 48.

The following nomenclature was used to designate model components:

Nomenclature	Description
B_{74}	orbiter 102 forebody simulated back to fuselage station 670
C_{16}	orbiter vehicle 102 canopy
N_{108}	RCS nozzle thruster cavities in the orbiter forebody. Each thruster was static pressure-instrumented.
PR_4	0.36-scale flight test probe (FT)
PR_7	0.2-scale air data probe with pitot and static pressure orifices (0.2P/S)
PR_8	0.2-scale air data probe with angle-of-attack pressure orifices (0.2A)
PR_{10}	0.1-scale uncompensated side probe with static pressure orifices, normally mounted on L.H. side of orbiter forebody (0.1UC)
PR_{11}	0.2-scale uncompensated side probe with static pressure orifices, normally mounted on R.H. side of orbiter forebody (0.2UC)
PR_{12}	Rosemount standard static survey probe mounted in place of flight test probe on orbiter forebody (STD)
PR_{14}	0.1-scale air data probe with static pressure orifices only (0.1S)
VT_{18}	forward RCS vents, one on each side of the orbiter forebody
VT_{19}	cabin vents, one on each side of the orbiter forebody

Dimensional data for the above components may be found in Table III of this report.

The following system of abbreviated configuration symbols will be used to describe the probes listed above, and their mounting locations on the model:

Probe Symbol		Description
FT	PR_4	- 0.36-scale flight test probe
0.2P/S	PR_7	- 0.2-scale pitot-static ADP
0.2A	PR_8	- 0.2-scale angle-of-attack ADP
0.1UC	PR_{10}	- 0.1-scale uncompensated static ADP
0.2UC	PR_{11}	- 0.2-scale uncompensated static ADP
STD	PR_{12}	- Rosemount standard static probe
0.1S	PR_{14}	- 0.1-scale compensated static ADP

ADS Probe Mounting Block Symbol and Number	Description
LHA #3	L.H. ADP mounting block-aft position
LHFN #5	L.H. forward position - new block
LHFO #1	L.H. forward position - old block
RHA #4	R.H. ADP mounting block-aft position
RHFN #6	R.H. forward position - new block
RHFO #2	R.H. forward position - old block

NOTE: Any of the three compensated air data probes (PR_7, PR_8, or PR_{14}) can be mounted in any of the above six blocks.

INSTRUMENTATION

Pressure Measurements

All pressures from the model, plus the tunnel bellmouth to al pressures, were measured on three J-model scanivalves located b neath the test section. Pressures were routed to the scanivalves by pproximately 30 feet of 1/16-inch I.D. plastic tubing and connected i sequence of increasing pressure level to minimize lag time. The scaniva ves were equipped with Statham 0-15 psia pressure transducers. The Stat am transducers were calibrated during the test against a CEC electromar meter which in turn was calibrated against two permanently mounted Sc wein dead-weight testers which are traceable to the National Bureau of Standards. All transducers yielded accuracies of at least $\frac{3\sigma}{q} = .0046$ at q = 300 psf.

Balance Measurements

Aerodynamic forces acting on the model were measured on tl e Rockwell 4-component strain-gauge instrumented sting W-1170S-500. Load were applied in the normal and side force directions to establish tl e strain-gauge and deflection sensitivities. This information was then used to compute support deflections due to running loads which were ad ed to the sector pitch angle to obtain angle-of-attack. A model-mounted pendulum-type transducer was also used to measure model incidence.

Temperature Measurements

Two chromel/alumel thermocouples were buried in the epoxy coating of the model in the vicinity of the stagnation point. Their purp se was to

Temperature Measurements (Continued)

monitor the temperature of the epoxy to avoid exceeding the 180°F operating limit of the material.

TEST FACILITY DESCRIPTION

The NASA Lewis Research Center 10' x 10' Unitary Supersonic Wind Tunnel is a closed loop continuous flow facility with a Mach number capability from 2.0 to 3.5 in either an aerodynamic or propulsion circuit. The aerodynamic circuit, used for these investigations, has a stagnation pressure capability of 0.1 to 2.36 atmospheres at a stagnation temperature of 1160°R giving a Reynolds number capability from 0.2 to 2.6 x 10^6/ft. The dynamic pressure varies from 20 to 720 psf. The propulsion circuit of the tunnel has a stagnation pressure capability of 0.62 to 2.36 atmospheres at a stagnation temperature of 1160°R for a Reynolds number variation of 2.1 to 2.8 x 10^6/ft and a dynamic pressure variation of 500 to 600 psf. This circuit can accept either air breathing or rocket engines for testing.

TEST PROCEDURE

Installation

The model was installed in the Lewis 10 x 10-foot tunnel using the Rockwell-supplied W-1170 instrumented sting, a 2° bent adapter and a main sting (CD6268) supplied by the facility. The 2° bent adapter was rolled -90° to obtain 2° of sideslip. See Figure 2a.

All electrical cables and reference pressure tubes were routed from the model through the sting and out of the tunnel through the model support strut.

The model had provisions for checking the level in pitch and roll by use of a 3-legged platform resting in receptacles in the top of the second section of the model. Yaw offset was measured in the tunnel by dropping plumb bobs from the model centerline.

Operating Conditions

The model angle-of-attack and angle-of-sideslip were $-3° \leq \alpha \leq 22°$ and $\beta = 0°$ or $2°$, respectively.

The tunnel operating conditions are presented in Table I.

Calibrations

The Scanivalve pressure transducers were calibrated in the tunnel against a Schwein dead-weight tester through the range of one to twelve psia. The standard deviation of all transducers was less than 0.5 psf.

The 4.0-inch sting-balance was calibrated by Lewis at the beginning of the test to determine strain-gauge force sensitivities and sting deflections versus applied load.

Calibrations (Continued)

The model-mounted, pendulum-type angle transducer was cal brated in the tunnel against a clinometer on the model leveling plate.

Tunnel upflow and crossflow angles were determined by ma ing pitch runs at each Mach number with the model rolled on the balance, first 90°, then 270°. The difference in the pressures measured at flush aps number 5 and 6, when plotted versus angle-of-attack for both r ll conditions, yielded the tunnel flow angles.

Photography

Schlieren photographs were taken at various configuration and test conditions.

DATA REDUCTION

Data measured and recorded during test OA234 consisted of:

1. Tunnel freestream conditions and parameters
2. Force balance data
3. Model pitch and yaw attitudes
4. ADS side probe pressures and FT probe total pressure
5. 0.1 and 0.2-scale uncompensated static probe pressures
6. Rosemount standard static probe pressures
7. Model surface static pressures

Tunnel freestream conditions and parameters were reduced using the LeRC standard data reduction techniques. However, freestream Mach numbers reflected the RMS value of the flight test probe and Rosemount standard probe results and the basic tunnel calibration. See Table V.

Four-component force balance data were also reduced using LeRC standard data reduction techniques, to provide corrections to angle-of-attack and sideslip due to sting deflections under load. No aerodynamic coefficient data were obtained. Balance forces and moments were applied to the sting/support deflection equations for determination of model pitch and yaw attitudes. Adjustments were made to pitch and yaw angles for tunnel upflow and crossflow based upon the results of $\phi = 90^{\circ}$ and 270° runs. These adjustments are presented as $\Delta\alpha$ and $\Delta\beta$ in Table V. The basic form of the correction to α and β was:

$$\alpha = \alpha_i + \Delta\alpha$$

$$\beta = \beta_i + \Delta\beta$$

All probe and model pressures were reduced to standard pressure coefficient form. In addition, all pressures measured by the right and left probes were reduced to absolute pressure levels. Then the following side probe calibration parameters were computed by the facility.

SIDE PROBE ANGLE OF ATTACK CALIBRATION PARAMETER (RAX)

$$RAX = \frac{(PAL-PAU)}{(PTA-PAL) + (PAL-PAU)/2}$$

STATIC PRESSURE DECREMENT (PSXDEC)

$$PSXDEC = \frac{PSA - P}{PTA - PSA}$$

TOTAL PRESSURE DECREMENT (PTXDEC)

$$PTXDEC = \frac{PTA - PT}{PTA - PSA}$$

ADP COMPRESSIBLE DYNAMIC PRESSURE (QCX)

$$QCX = PTA - PSA$$

COMPRESSIBLE DYNAMIC PRESSURE (QC)

$$QC = \left[\left(\frac{6M^2}{5}\right)^{7/2}\left(\frac{6}{7M^2 - 1}\right)^{5/2} - 1\right] P \quad (M \geq 1.0)$$

RATIO OF ADP TO FREESTREAM COMPRESSIBLE DYNAMIC PRESSURE (QCX/QC)

$$QCX/QC = \frac{PTA - PSA}{\left[\left(\frac{6M^2}{5}\right)^{7/2}\left(\frac{6}{7M^2 - 1}\right)^{5/2} - 1\right] P}$$

RATIO OF ADP TO FREESTREAM STATIC PRESSURES (PSX/P)

$$PSX/P = \frac{PSA}{P}$$

RATIO OF ADP TO FREESTREAM TOTAL PRESSURES (PTX/PT)

$$PTX/PT = \frac{PTA}{PT}$$

STATIC PRESSURE DECREMENT USING 0.1 SCALE STATIC (PSIXDC)

$$PS1XDC = \frac{PS1A - P}{PTA - PS1A}$$

Note the letter X in the above parameter names indicates that these calculations were made with as taken data i.e., no interpolations, no combining. These computer parameters are not presented but are available on the DMS data base. All probe measured data in pressure coefficient form are presented.

Each uncompensated side probe measured a static pressure at a location identical to where the ADS side probes measured PSA. These probes were used on the model for comparison with similar data measured during test 0A221B in the Ames Research Center 9 x 7 UPWT. Utilization of these probes (0.1UC and 0.2UC) was coincident with the repair and recalibration of the compensated 0.2-scale ADP's (0.2P/S and 0.2A) at Rosemount, Incorporated.

The uncompensated probes were straight tubes with a hemispherical nose, mounted on a pylon similar to the ADS side probes. Both a 0.2-scale and a 0.1-scale probe were used. Each probe pressure was converted to coefficient form.

RESULTS AND DISCUSSION

General test results from OA234 indicate the following:

1. Static pressure obtained with the 0.1-scale probe was n good agreement with "corrected" 0.2-scale probe data c OA221B & C. (See Figure 4a.)

2. Probe total pressure was lower than probe data of OA22 B & C. (See Figure 4b.) A possible tunnel Mach number error was suspect.

3. Angle-of-attack parameter RAX was in good agreement wi h OA221B & C probe data as shown in Figure 4c.

4. Reynold's number investigations showed that:
   a. probe static pressure was not sensitive to RN at flight RN and transition was indicated at a higher RN (Figure 4d.)
   b. probe pitot pressure increased with increasing tunnel dynamic pressure (Figure 4e.)

DATA PRESENTATION

The facility-furnished data tape did not contain data for either the Rosemount standard static pressure probe nor the 0.36-scale flight test probe. Data for the 0.2-scale ADP α probe upper and lower taps were reversed in runs 44 through 47. These reversed input data were corrected with Rockwell International's concurrence. All data presented are thought to be correct.

It was anticipated that DMS would use an iterative digital computer routine to determine local angle-of-attack at the side probes. However, the Mach Numbers calibrated in Reference 3 are below the local Mach numbers experienced by the probes during this test. Therefore, the local angle-of-attack analysis was not performed.

During this test a wide range of air data system (ADS) measurements were taken. There were numerous probe combinations tested. Data acquisition limitations and different probe configurations dictated that all measurements could not be made simultaneously. Several subsets of measured data resulted. For convenience, available measurements were grouped into data types or data systems. These groupings are listed below:

Tunnel reference conditions

SIDE PROBES - 0.2-scale ADP

ALTERNATE ADS - pressure taps 1 through 26 and 43, 44

RCS TAPS - pressure taps 27 through 42

DFI TAPS - pressure taps 67 through 95

SEADS TAPS - pressure taps 45 through 58

UNCOMPENSATED - 0.1 and 0.2 uncompensated ADP probes

Table IV gives the pressure tap coordinates. Their relative positions are shown in Figure 2h. The following matrix defines the datasets (runs) for which each data system or type was measured.

DATASET IDENTIFIER	Air Data System or Data Type					
	SIDE PROBES	ALTERNATE ADS	RCS TAPS	DFI TAPS	SEADS TAPS	UNCOMPENSATED
$GY002		✓	✓		✓	✓
$GY003		✓	✓		✓	✓
$GY004	✓	✓	✓		✓	
$GY005	✓	✓	✓		✓	
$GY006	✓	✓		✓	✓	
$GY007	✓	✓	✓		✓	
$GY008	✓	✓	✓		✓	
$GY009	✓	✓	✓		✓	
$GY010	✓	✓	✓		✓	
$GY011	✓	✓		✓	✓	
$GY012	✓	✓	✓		✓	
$GY013	✓	✓		✓	✓	
$GY014	✓	✓		✓	✓	

Each section of tabulated data contains all available data for this given data system and the associated tunnel reference conditions.

Plotted data figures 5 through 9 are of side probe calibration parameters that have been computed in the following manner. Probe pressure coefficients and tunnel reference conditions are linearly interpolated to nominal angles-of-attack (α) and Mach Numbers. These data are grouped with consistent probe mounting, q and ϕ, and then an interpolation to nominal angle-of-sideslip (β) is performed. Now the data for each ADP, when tested on the left side of the orbiter model, are combined or grouped together. Because each sweep contains data from various tunnel runs, tunnel run number has completely lost its significance. For convenience a sequence number has replaced the run number. The sequence begins with the first Mach number and first β with Mach number cycling fastest. Tunnel reference conditions associated with the 0.2 P/S ADP are also needed to perform the following computations.

$$\text{PTLDEC} = \frac{\text{CPTA} - \text{CPT}}{\text{CPTA} - \text{CPSA}}$$

where $$\text{CPT} = \frac{\text{PT}-\text{P}}{\text{Q}}$$

$$\text{PSLDEC} = \frac{\text{CPSA}}{\text{CPTA} - \text{CPSA}}$$

$$\text{MINDL2} = \sqrt{5 \cdot (\text{PRAT2})^{2/7} - 5}$$

where $$\text{PRAT2} = \frac{\text{CPTA} \cdot \text{Q} + \text{P}}{\text{CPSA} \cdot \text{Q} + \text{P}}$$

$$PS1LDC = \frac{CPS1A}{CPTA - CPS1A}$$

$$MINDL1 = \sqrt{5 \cdot (PRAT1)^{2/7} - 5}$$

where $$PRAT1 = \frac{CPTA \cdot Q + P}{CPS1A \cdot Q + P}$$

For this test the only ADP for which completely interpolated data could be obtained when mounted on the right side was the 0.1S ADP. Values for CPS1A thus obtained are tabulated herein. None of the above computations could be performed for right-side mounted ADPs. However, since a redundant set of data for the 0.1S ADP mounted in LHFN block exists ($\beta = 0^{o}$), the appropriate interpolations were done. These data then replaced the first CPS1A data and the computations were completely redone. These computed parameters are found in datasets CGYBL3 and CGYBL4.

REFERENCES

1. Rockwell/Space Division Report #SD77-SH-0138, "Pretest Information for ADS Tests 0A233 and 0A234 of the 0.10-Scale Orbiter Forebody Model 99-0 in the NASA/Lewis 8 x 6 and 10 x 10 foot Supersonic Wind Tunnels," dated May 5, 1977.

2. Rockwell/Los Angeles Division Report #NA-76-663, "Structural Analysis of the SSV Model 99-0," dated September 7, 1976.

3. Rosemount Calibration Report #97625, "Aerodynamic Calibration of Second Set of 0.2-Scale Wind Tunnel Models of Rosemount Model 859P Air Data Sensor," dated September 27, 1976.

4. Rosemount Calibration Report #67728A, "Aerodynamic Recalibration After Being Repaired for the Second Set of 0.2-Scale Wind Tunnel Models of the Rosemount Model 859P Air Data Sensor," dated June 28, 1977.

5. Rosemount Calibration Report #7771D, "Aerodynamic Calibration of a 0.1-Scale Wind Tunnel Model of Rosemount Model 859V Air Data Sensor Designed for Fuselage Mounting on the Space Shuttle," dated July 1, 1977.

TABLE I.

TEST : 0A234

DATE : 4- 9-77

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TE PERATURE (degrees Fahr heit)
0.4	0.6	0.4	10C
2.0	2.3	3.5	
2.3	2.4		
2.5	2.5		
2.7	2.3		
2.0	1.5	2.1	
2.3	1.6		
2.5	1.6		
2.7	1.7		

BALANCE UTILIZED: Rockwell W-1170-500 Instrumented Sting

	*CAPACITY:	ACCURACY:	COEFFICIEN TOLERANCE
NF	±8000 lbs.		
SF	±4000 lbs.		
AF			
PM			
RM			
YM			

COMMENTS: * Based on a load at M.S. 60.0 to produce 30 KSI stres at the strain-gauged sections.

TEST: LERC 10SWT 42 (0A234) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 17 AUG. 77

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PROBES .2P/S	PROBES .2α	PROBES .1S	PROBES STD.	PROBES .1UC	PROBES .2UC	PARAMETERS q PSF	PARAMETERS SEQ.	PARAMETERS TAPS	PARAMETERS ΦM	NO. OF RUNS	MACH NUMBERS 2.0	MACH NUMBERS 2.3	MACH NUMBERS 2.5	MACH NUMBERS 2.7	TEST RUN NUMBERS
$GY002	MODEL 99-0	0	C					RHFO	LHFO	500	2	1	90°	4	12	13	14	15	
$GY003		0	C					RHFO	LHFO		3	1	270°		16	17	18	19	
$GY004		A	0	LHFO	RHFO						4	1	0		20	21	22	23	
$GY005		A	0	RHFN		LHFN					5	1			24	27	29	30	
$GY006		A	2	RHA		LHFN					14	2			59	58	56	57	
$GY007		A	0	RHA		LHFN				300	6	1			25	26	28	31	
$GY008		A	0	LHFN	RHA					500	9	1			40	41	42	43	
$GY009		A	0	RHFN	LHA						10	1			44	45	46	47	
$GY010		A	0	LHA		RHFN					7	1			32	35	37	38	
$GY011		A	2	LHA		RHFN					15	2			63	62	60	61	
$GY012		A	0	LHA		RHFN				300	8	1			33	34	36	39	
$GY013		A	0		RHFO	LHFN				500	11	2			48	49	50	51	
$GY014		A	0		LHFO	RHFN				500	12	2		3	52	53	54		

$ SEE FOLLOWING PAGE FOR COEFFICIENT SCHEDULE

COEFFICIENTS

α OR β SCHEDULES

αA = -3, -2, 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 21, 16, 0

αB = 4, 4½, 5, 5½, 6

βC = 0, ±1, ±2, ±3, ±5

αD = 0, 5, 10, 15, 20

LHFO LEFT HAND FORWARD POSITION - OLD BLOCK
RHFO RIGHT HAND FORWARD POSITION - OLD BLOCK
LHFN LEFT HAND FORWARD POSITION - NEW BLOCK
RHFN RIGHT HAND FORWARD POSITION - NEW BLOCK

LHA LEFT HAND AFT POSITION
RHA RIGHT HAND AFT POSITION

TABLE II (Continued)

DATASET/RUN NUMBER COLLATION SUMMARY

DATASET IDENTIFIER 1ST CHARACTER	COEFFICIENT SCHEDULE 1ST IND VARIABLE	2ND IND VARIABLE								
				TUNNEL REFERENCE CONDITIONS						
A	MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
				SIDE PROBES						
B	MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA	CPS1A		
C	MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PS1LDC	MINDL1		
				ALTERNATE ADS						
D	MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8
				CP9						
E	MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
F	MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
G	MACH	ALPHA	BETA	CP43	CP44						
				RCS TAPS						
J	MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
K	MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42

TABLE II (Concluded)

DATASET/RUN NUMBER COLLATION SUMMARY

DATASET IDENTIFIER 1ST CHARACTER	COEFFICIENT SCHEDULE										
	1ST IND VARIABLE	2ND IND VARIABLE									
				DFI TAPS							
L	MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
M	MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
N	MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
O	MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95			
				SEADS TAPS							
P	MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
Q	MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58		
				UNCOMPENSATED PROBES							
U	MACH	ALPHAI	BETAI	CPSU1	CPSU2						

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B_{74}

GENERAL DESCRIPTION: OV102 forebody (tile surfaces are not si ulated). OV102 lines are simulated back to X_o670. From X_o670 to X_o985. , the forebody is ogive-faired to the sting cavity.

MODEL SCALE: 0.100

DRAWING NUMBER: SS-A01733, BCD V70-30-940-01

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length, In. (nose to boattail)	750.500	75.050
Max. Width @ X_o670 (including glove)	258.126	25.813
Max. Depth, In.	227.096	22.710
Fineness Ratio (length/max. width)	3.169	3.169
Area, Ft^2		
Max. Cross-Sectional (@ X_o670, including glove)	314.474	3.145

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: **CANOPY - C_{16}**

GENERAL DESCRIPTION: **OV102 - Canopy**

MODEL SCALE: 0.100

DRAWING NUMBER: SS-A01733, **BCD V70-30-950-01 (VC70-000002B)**

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length, In. (X_o 432.0798 to X_o 670)	237.920	23.792
Max. Width, In. (@ X_o594)	194.067	19.407
Max. Depth, In. (@ X_o492)	59.790	5.979
Fineness Ratio (length/max. width)	1.226	1.226
Area, Ft^2		
Max. Cross-Sectional @ X_o520	45.66	0.4566

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: FORWARD RCS NOZZLES - N_{108}

MODEL SCALE: 0.100

GENERAL DESCRIPTION: Three forward-firing nozzles -X; three up-firing nozzles +Z; four down-firing nozzles, two on each side -Z; four side-firing nozzles, two on each side ±Y; and two down-firing vernier nozzles, one on each side -Z. OML is for trajectory 14414.1C.

DRAWING NO.: VL70-008725A (4-21-76), MC467-0028-001 (Figure 2.0), Vernier Layout L18241

THRUSTER NUMBER	NOZZLE POSITION AND IDENTIFICATION		THRUSTER MOUNTING FACE (base) INCHES, FULL SCALE			THRUSTER NOZZLE ℄ PIERCES OML AT: Inches, full scale			Thruster ℄ distance, base to OML pierce pnt, in(fs)
			X_o	Y_o	Z_o	X_o	Y_o	Z_o	
112	Forward	L.	327.277	-14.654	392.955	305.117	-14.654	392.995	22.160
122	Firing	℄	327.383	0.0	394.450	305.049	0.0	394.450	22.334
132	-X	R	327.277	+14.654	392.955	305.117	+14.654	392.955	22.160
115	Up Firing	L.	350.925	-14.394	399.588	350.925	-14.394	414.464	14.876
125	+Z	℄	350.917	0.0	400.818	350.917	0.0	414.527	13.709
135		R.	350.925	+14.394	399.588	350.925	+14.394	414.464	14.876
116/136	Down Firing	L/R.	333.840	±49.814	372.350	333.840	±62.578	355.412	21.209
126/146	-Z	L/R.	348.440	±54.839	373.556	348.440	±67.036	357.371	20.263
113	Upper Side	L.	362.671	-55.631	373.728	362.671	-69.500	373.728	13.869
134	Firing ±Y	R.		+55.631			+69.500		
123	Lower Side	L.	364.708	-58.579	359.250	364.708	-71.645	359.250	13.066
144	Firing ±Y	R.		+58.579			+71.645		
157	Vernier	L.	324.350	-53.830	357.900	324.350	-59.697	350.115	9.748
158	-Z	R.		+53.830			+59.697		

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PR_4

GENERAL DESCRIPTION: **Flight Test Nose Boom**

MODEL SCALE: 0.360 nose boom and 0.100 nose boom adapter

DRAWING NUMBER: SS-A01664

DIMENSIONS:	FULL SCALE	MODEL SCALE
Overall Length, along centerline to Sta. X_o = 23.500 (In.)	218.65	21.865
Max. Dia., (Boom), In.	2.0	0.72
Max. Dia., (Boom Adapter), In.	8.75	0.875
Angle of Incidence, Deg.	- 5.0	- 5.11*
Area - $In.^2$		
Max. Circular Cross-Sectional (Boom)	12.75	1.629
Max. Circular Cross-Sectional (Boom Adapter)	240.5	2.405

*measured

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PROBE - PR7

GENERAL DESCRIPTION: Air Data Probe which is strut-mounted on ıe left-hand side of the orbiter nose. The probe has pitot-static pres ıre instrumentation and a non-instrumented temperature sensor mocku .

MODEL SCALE: 0.20

DRAWING NUMBER: SS-A01614, Rosemount 00856-1913, 00859-0109

DIMENSIONS: (Nominal Design Values)		FULL SCALE	MODE SCALE
Length, (Probe tip to temp. sensor base), In.		10.99	; .198
Overall length, In.		14.35	; .870
Probe barrel diameter, In.		1.00	(.200
Overall height, In.		7.25	: 450
Probe tip to static pressure ports, In.		2.70	(540
Height, TPS surface to probe ℄, In.		5.00	(500
Strut max, thickness, In.		0.65	(130
Strut chord length, In.		4.50	(900
Strut sweep angles (L.E. & T.E.), Deg.		30.00	3(00
Probe barrel max. cross sectional area, $In.^2$		0.7854	(0314
Location of probe ℄ and	X_o	291.67	29 167
Static port intersection: In.,	Y_o	± 53.18	± 5 318
	Z_o	320.46	32 046

The centerline of the probe is at a -10° incidence to the model use-lage Reference Plane, as measured in a butt plane, with positive being nose-up. The probe ℄ is positioned parallel to the forebody loc 1 OML.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PROBE - PR_8

GENERAL DESCRIPTION: Air data probe which is strut-mounted on the right-hand side of the orbiter nose. The probe is instrumented with two flush taps for angle-of-attack indication. Temperature sensor is in mockup only.

MODEL SCALE: 0.2

DRAWING NUMBER: SS-A01614, Rosemount 00856-1913, 00859-0108

DIMENSIONS: (Nominal Design Values)		FULL SCALE	MODEL SCALE
Length, (Probe tip to Temp.sensor base), In.		10.99	2.198
Overall length, In.		14.35	2.870
Probe barrel diameter, In.		1.00	0.200
Overall height, In.		7.25	1.450
Height, TPS surface to probe ℄, In.		5.00	0.500
Strut max., thickness, In.		0.65	0.130
Strut chord length, In.		4.50	0.900
Strut sweep angles (L.E. & T.E.), Deg.		30	30
Probe barrel max. Cross-sectional area, In.^{2}		0.7854	0.0314
Location of a point 0.540 in. m.s. aft of probe tip on probe ℄:	X_o	291.67	29.167
	Y_o	± 53.18	± 5.318
	Z_o	320.46	32.046

The centerline of the probe is at a -10° incidence to the model Fuselage Reference Plane, as measured in a butt plane, with positive being nose-up. The probe ℄ is positioned parallel to the forebody local OML.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PR_{10}

GENERAL DESCRIPTION: Uncompensated side probe equipped for static pressure measurement. Installed on either right or left side of model.

MODEL SCALE: 0.100

DRAWING NUMBER: SS-A01735-5

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (Probe tip to support base ℄, In.)	20.070	2.007
Max. length of probe tube, In.	12.630	1.263
Max. diameter of probe, In.	0.930	0.093
Max. height mounting base to probe ℄, In.	11.200	1.120
Height, TPS surface to probe ℄, In.	5.000	0.500
Area, $In.^2$		
Max. Cross-Sectional (Probe)	0.679	0.00679

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PROBE - PR_{11}

GENERAL DESCRIPTION: Uncompensated side probe equipped for static pressure measurement. Installed on either right or left side of model.

MODEL SCALE: 0.200

DRAWING NUMBER: SS-A01735

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (Probe tip to ℄ of support base, In.)	11.385	2.277
Max. length of probe tube, In.	11.695	2.339
Max. diameter of probe, In.	0.900	0.180
Max. height, support base to probe ℄, In.	5.600	1.120
Height, TPS surface to probe ℄, In.	2.5	0.500
Area, $In.^2$		
Max. Cross-Sectional (Probe)	0.635	0.0254

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PROBE - PR_{12}

GENERAL DESCRIPTION: Rosemount, Inc. standard static probe mou ted in place of flight test probe on forebody model 99-0.

MODEL SCALE:

DRAWING NUMBER:

DIMENSIONS:	FULL SCALE	MODE	SCALE
Length (Overall, In.)	--	2	.860
Max. Min. Dia.	--		.300
Max. Dia.	--		.313
Area, $In.^2$			
Max. Cross-Sectional	--		.354

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PROBE - PR_{14}

GENERAL DESCRIPTION: Air data probe which is strut-mounted on either side of the orbiter nose. The probe has compensated static pressure orifices and a non-instrumented temperature sensor mockup.

MODEL SCALE: 0.10

DRAWING NUMBER: Rosemount 00859-0149

DIMENSIONS: (Nominal Design Values)		FULL SCALE	MODEL SCALE
Length (Probe tip to temperature sensor base), In.		11.01	1.101
Overall length (including mounting base), In.		--	2.600
Probe Barrel Diameter, In.		1.00	0.100
Overall height (including mounting base), In.		--	1.350
Probe tip to static pressure ports, In.		2.70	0.270
Height, TPS surface to probe ℄, In.		5.00	0.500
Strut maximum thickness, In.		0.66	0.066
Strut chord length, In.		4.50	0.450
Strut sweep angles (L.E. & T.E.), Deg.		30.00	30.00
Probe barrel maximum Cross-Sectional area, $In.^2$		0.7854	0.00785
Location of probe ℄ and static port intersection:	X_o:	291.67	29.167
	Y_o:	± 53.18	± 5.318
	Z_o:	320.46	32.046

The ℄ of the probe is at a -10° incidence to the model FRP, as measured in a butt plane (positive is nose-up). The probe ℄ is positioned parallel to the forebody local OML.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VENT - VT_{18}

GENERAL DESCRIPTION: Oval-shaped RCS vents in orbiter 102 forebody. One vent on each side.

MODEL SCALE: 0.10

DRAWING NUMBER: SS-A01733

DIMENSIONS:		FULL SCALE	MODEL SCALE
Length, In.		4.90	0.49
Max. width, In.		4.00	0.40
Max. depth, In.		6.20	0.62
Area			
Max.Cross-Sectional, $In.^2$		16.17	0.1617
Center of Vent, In.	X_o	384.80	38.48
	Z_o	371.40	37.14

TABLE III. MODEL DIMENSIONAL DATA (Concluded)

MODEL COMPONENT: VENT - VT_{19}

GENERAL DESCRIPTION: Oval-shaped cabin vents in orbiter 102 forebody. One vent on each side.

MODEL SCALE: 0.10

DRAWING NUMBER: SS-A01733

DIMENSIONS:		FULL SCALE	MODEL SCALE
Length, In.		9.60	0.96
Max. width, In.		4.00	0.40
Max. depth, In.		6.20	0.62
Area			
Max. Cross-Sectional, $In.^2$		34.97	0.3497
Center of vent, In.	X_o	398.60	39.86
	Z_o	374.50	37.45

TABLE IV. PRESSURE TAP LOCATIONS

TAP NUMBER	TYPE	MODEL SCALE, INCHES X_o	Y_o L- R+	Z_o	TAP NUMBER	TYPE	MODEL SCALE, INCHES X_o	Y_o L- R+	Z_o
1 *	Alternate and Seads	23.586	-0.006	33.764	27	RCS	32.728	-1.465	39.296
2 *	Alternate	27.600	0.005	30.286	28	↓	32.728	0.0	39.445
3 *	↓	27.607	-4.053	32.613	29	↓	32.728	1.465	39.296
4 *	↓	27.590	4.104	32.602	30	↓	35.093	-1.439	39.959
5 *	↓	27.608	-4.088	33.358	31	↓	35.092	0.0	40.082
6 *	↓	27.597	4.137	33.384	32	↓	35.093	1.439	39.959
7 *	↓	27.599	-4.041	34.101	33	↓	32.435	-5.383	35.790
8 *	↓	27.592	4.083	34.112	34	↓	32.435	5.383	35.790
9 *	↓	27.590	0.005	37.977	35	↓	33.384	-4.981	37.235
10 *	↓	29.606	-0.012	29.659	36	↓	33.384	4.981	37.235
11 *	↓	29.618	-4.985	32.985	37	↓	34.844	-5.484	37.356
12 *	↓	29.589	5.026	32.978	38	↓	34.844	5.484	37.356
13 *	↓	29.612	-4.975	33.446	39	↓	36.471	-5.858	35.925
14 *	↓	29.589	5.022	33.439	40	↓	36.471	5.858	35.925
15 *	↓	29.606	-4.943	34.328	41	↓	36.267	-5.563	37.373
16 *	↓	29.588	4.987	34.331	42	↓	36.267	5.563	37.373
17 *	↓	29.202	-0.014	38.812	43 *	OML @ Probe	29.168	-4.677	32.065
19 *	↓	33.601	-6.331	33.694	44 *	Static Port	29.163	4.732	32.042
20 *	↓	33.595	6.388	33.694	46 *	Seads	23.609	0.0	33.471
21 *	↓	37.600	-7.460	34.056	47 *	↓	23.704	0.0	33.086
22 *	↓	37.607	7.512	34.055	48 *	↓	23.895	0.0	32.686
23	↓	41.60	-8.423	34.56	49 *	↓	24.199	0.0	32.269
25	↓	45.60	-9.235	35.75	51 *	↓	23.641	-0.409	33.535
26	↓	45.60	9.235	35.75	52 *	↓	23.631	0.399	33.546

* Tap coordinates are actual measured values; all others are nominal design values.

TABLE IV. PRESSURE TAP LOCATIONS (Concluded)

TAP NUMBER	TYPE	MODEL SCALE, INCHES X_o	L- Y_o R+	Z_o	TAP NUMBER	TYPE	MODEL SCALE, INCHES X_o	L- Y_o R+	Z_o
53 *	Seads	23.917	-1.149	33.535	81	Canopy	66.20	-8.02	47.32
54 *	↓	23.879	1.135	33.535	82	↓	66.20	8.02	47.32
55 *		23.906	-0.686	32.840	83		66.20	-6.90	48.17
56 *		23.896	0.678	32.840	84		66.20	6.90	48.17
57 *		24.215	-1.012	32.517	85	Second Alternate	26.71	-3.33	33.24
58 *	↓	24.185	1.013	32.522	86	↓	26.71	3.33	33.24
67	Alternate	45.60	-9.238	33.50	87		27.60	-3.10	31.06
68	↓	45.60	9.238	33.50	88		27.60	3.10	31.06
69	Canopy	60.20	-9.03	46.30	89		39.20	-3.10	28.41
70	↓	60.20	9.03	46.30	90		39.20	3.10	28.41
71		60.20	-8.02	47.32	91		39.20	0.0	28.24
72		60.20	8.02	47.32	92U		26.71	0.0	37.34
73		60.20	-6.90	48.17	92L		26.71	0.0	Lower Surface
74		60.20	6.90	48.17	93		29.93	0.0	↓
75		63.20	-8.34	47.00	94		26.93	0.47	30.92
76		63.20	8.34	47.00	95	↓	36.74	0.59	28.72
77		63.20	-7.67	47.61					
78		63.20	7.67	47.61					
79		66.20	-9.03	46.30					
80	↓	66.20	9.03	46.30					

* Tap coordinates are actual measured values; all others are nominal design values.

TABLE V. SUMMARY OF FREESTREAM FLOW ANGLES AND MACH NUMBERS

Nominal MACH Number	2.0	2.3	2.5	2.7
$\Delta\alpha$(Deg.) Upflow Angle	0.09	0.05	-0.02	-0.10
$\Delta\beta$(Deg.) Crossflow Angle at $\beta = 0^\circ$	0	0.29	-0.18	-0.12
$\Delta\beta$(Deg.) Crossflow Angle at $\beta = 2^\circ$	0.07	0.14	-0.10	0
Calibrated MACH Number	2.000	2.283	2.495	2.675
F.T. Probe MACH Number Pt_2/Pt_1	2.017	2.281	2.491	2.674
Rosemount Std. MACH Number P_1/Pt_1	2.007	2.275	2.495	2.665
F.T. and Std. Probes MACH Number P_1/Pt_2	2.000	2.270	2.499	2.650
RMS of Above MACH Numbers (Used to compute test data)	2.008	2.275	2.495	2.663

Notes:

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

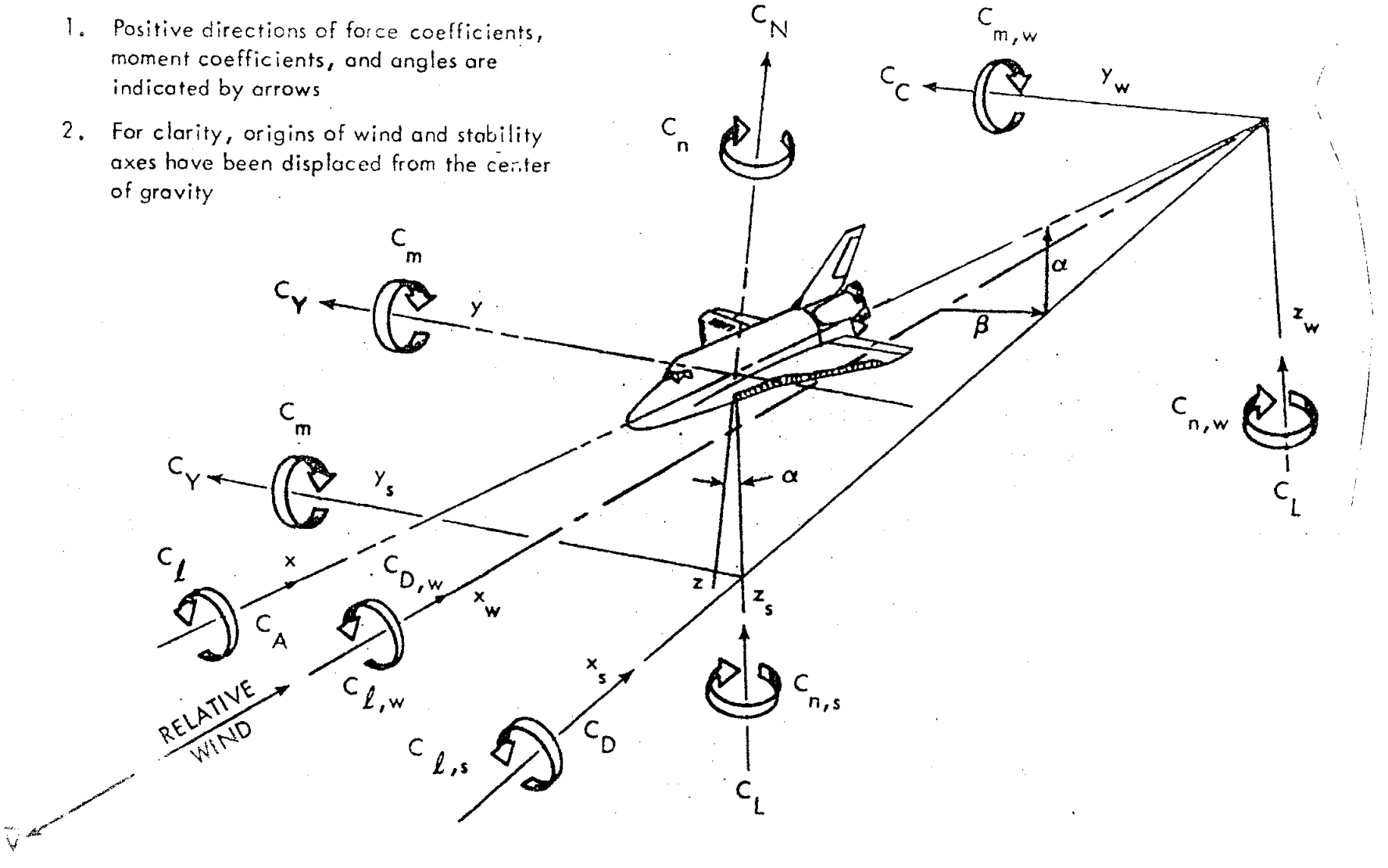
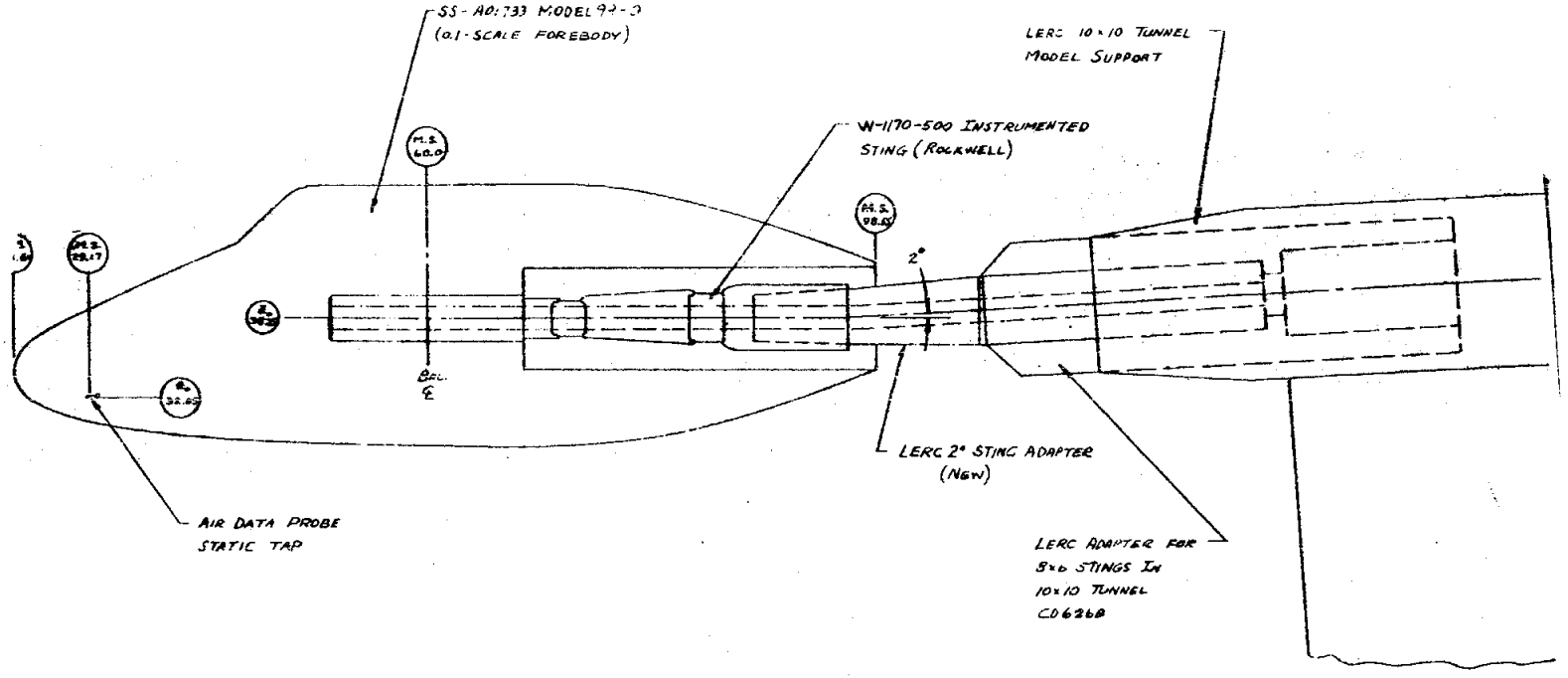
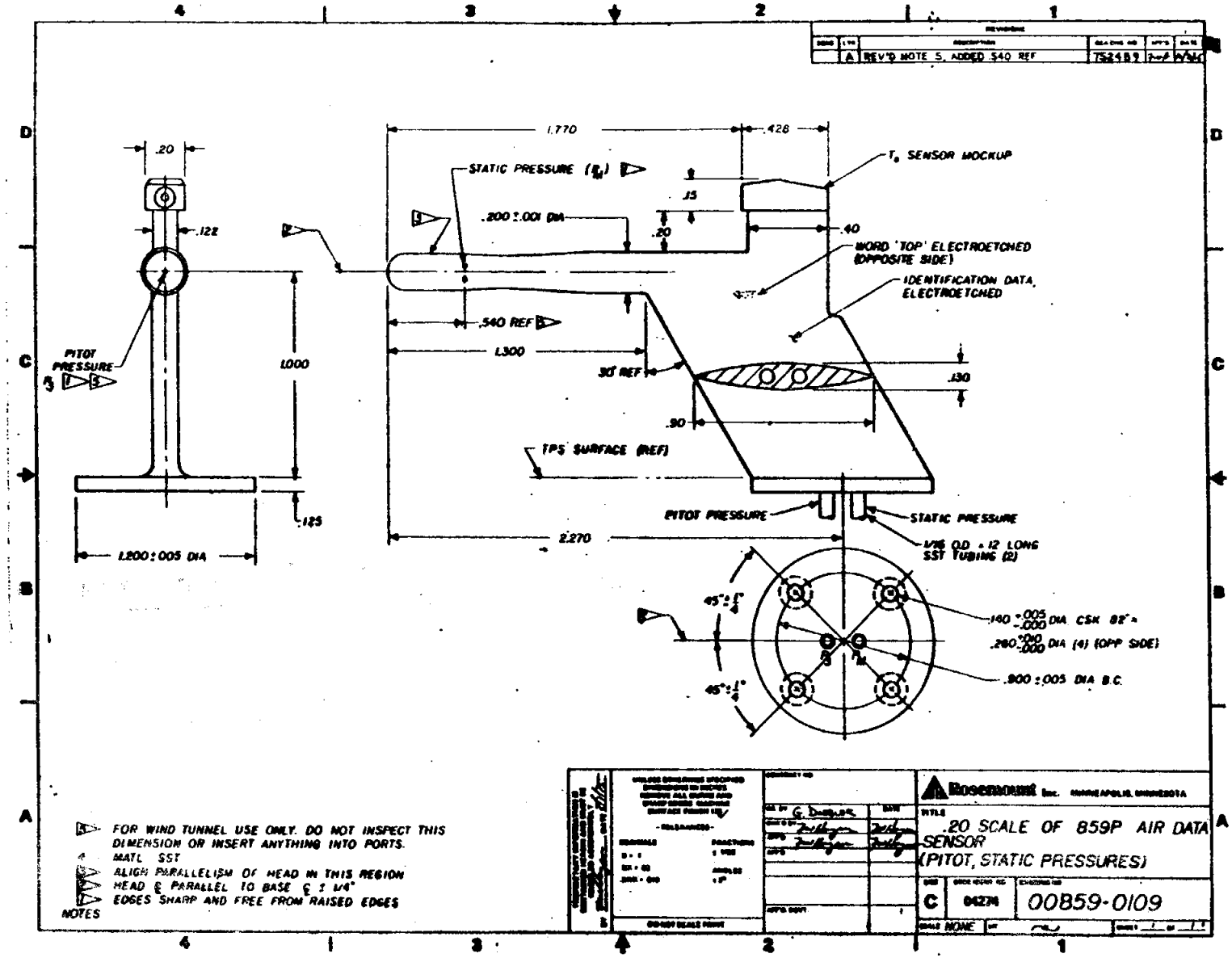


Figure 1. Axis systems.

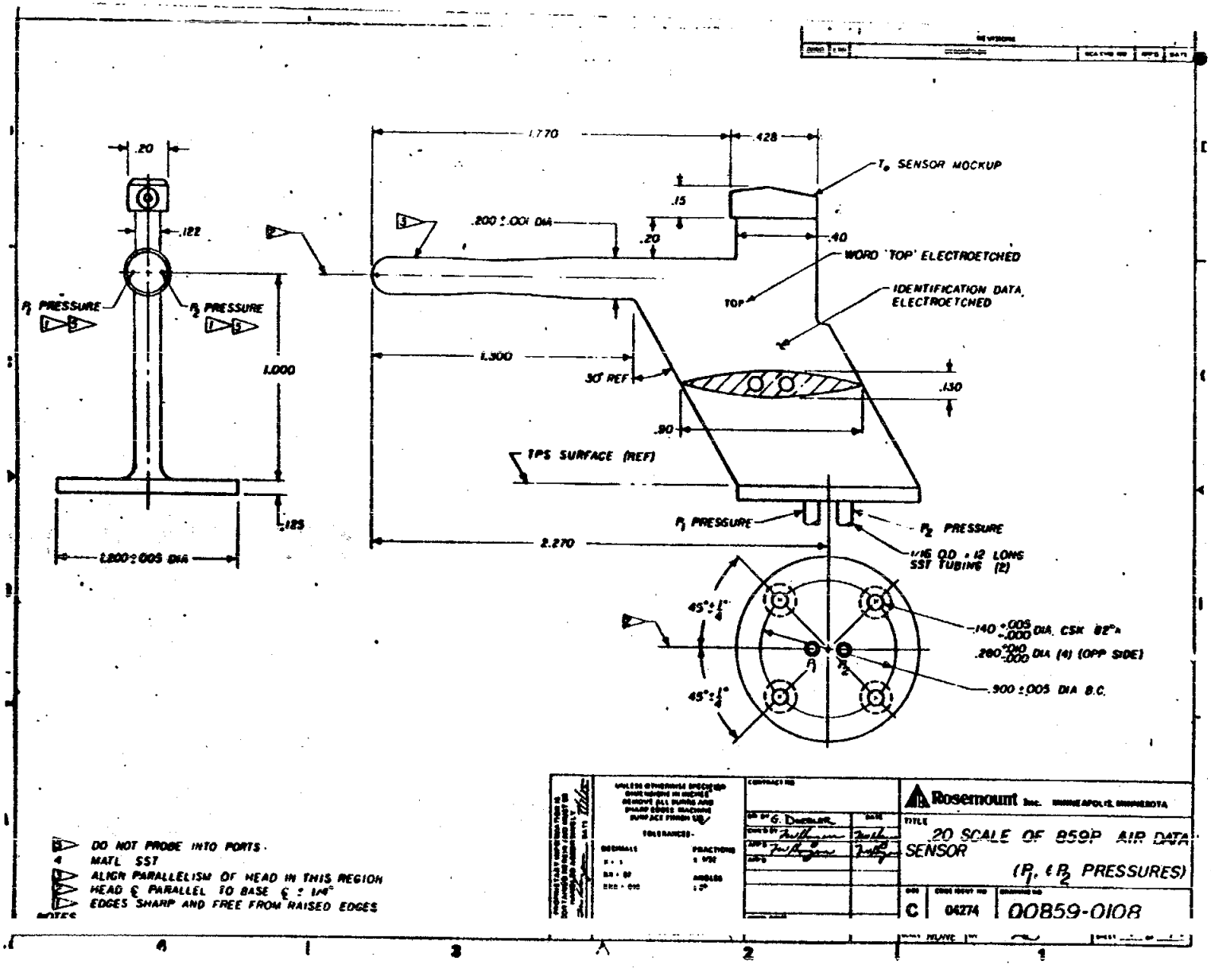


a. Model Installation in Tunnel

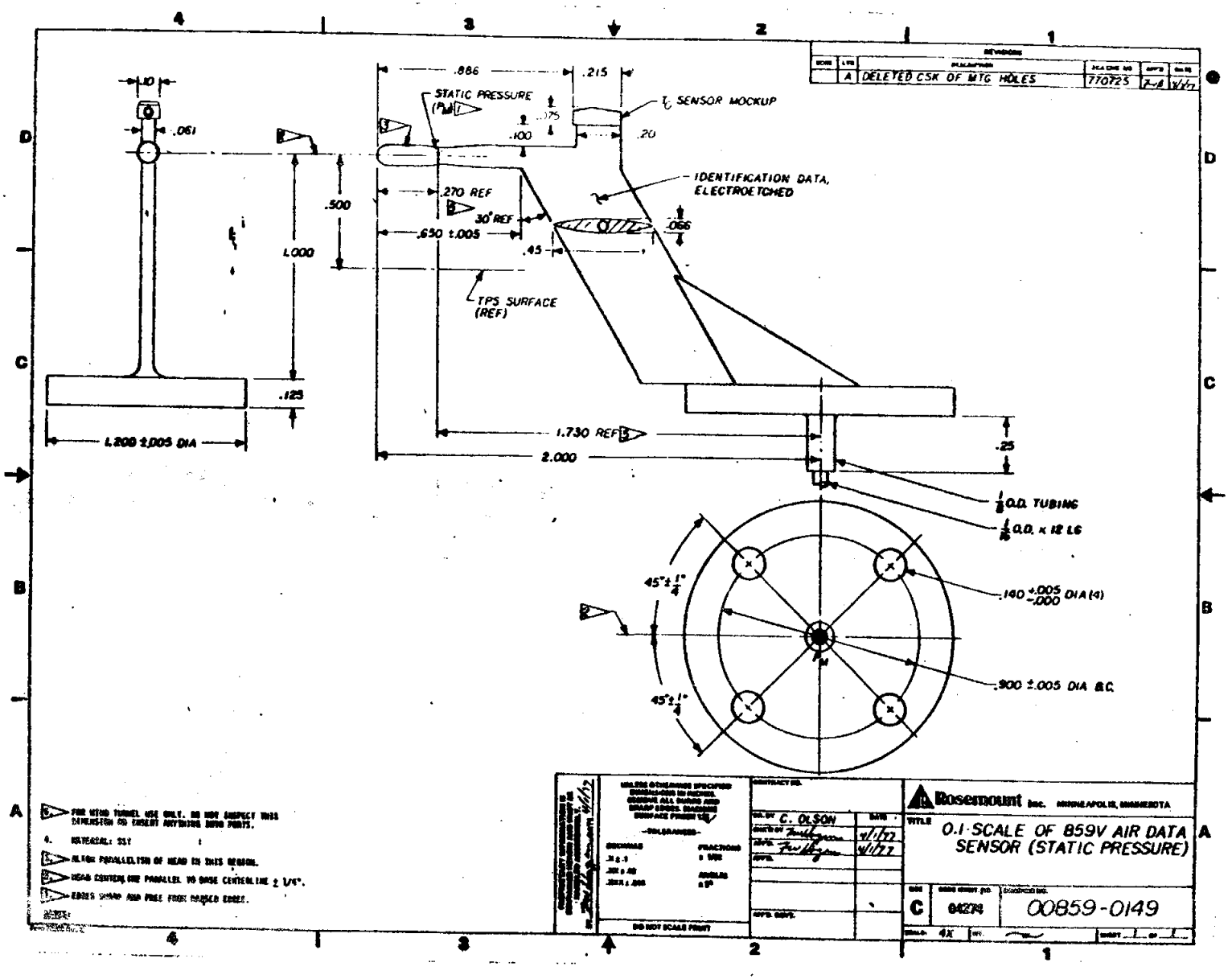
Figure 2. Model sketches.



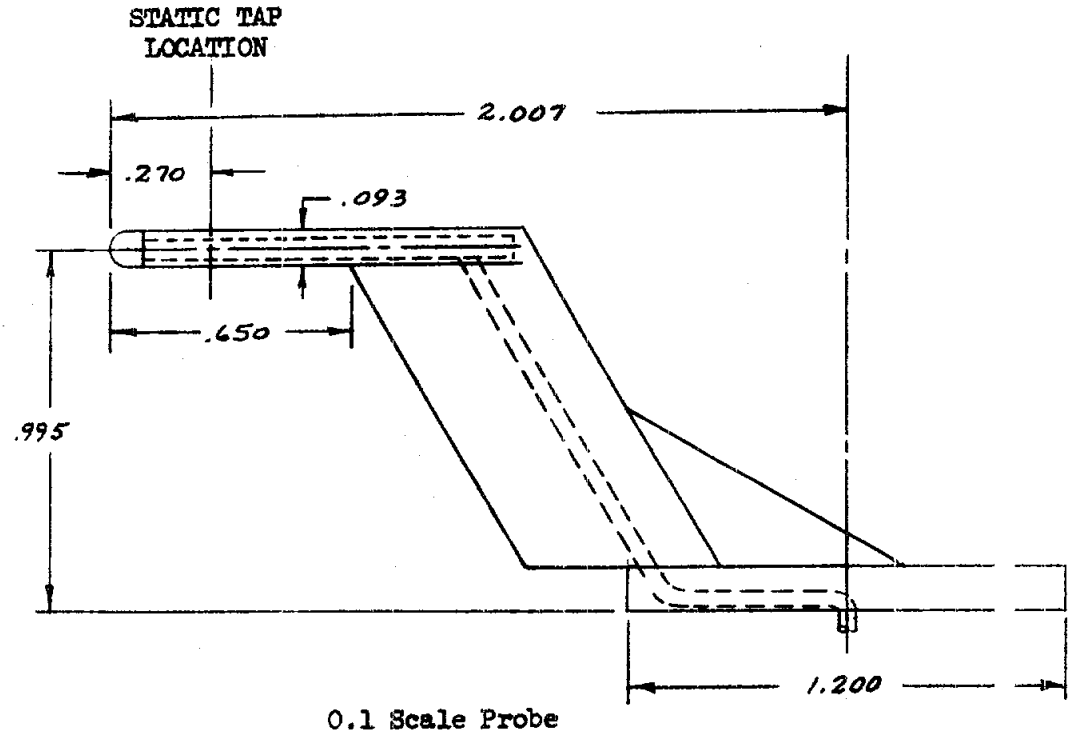
b. Rosemount 0.2-Scale Pitot/Static Probe
Figure 2. Continued.



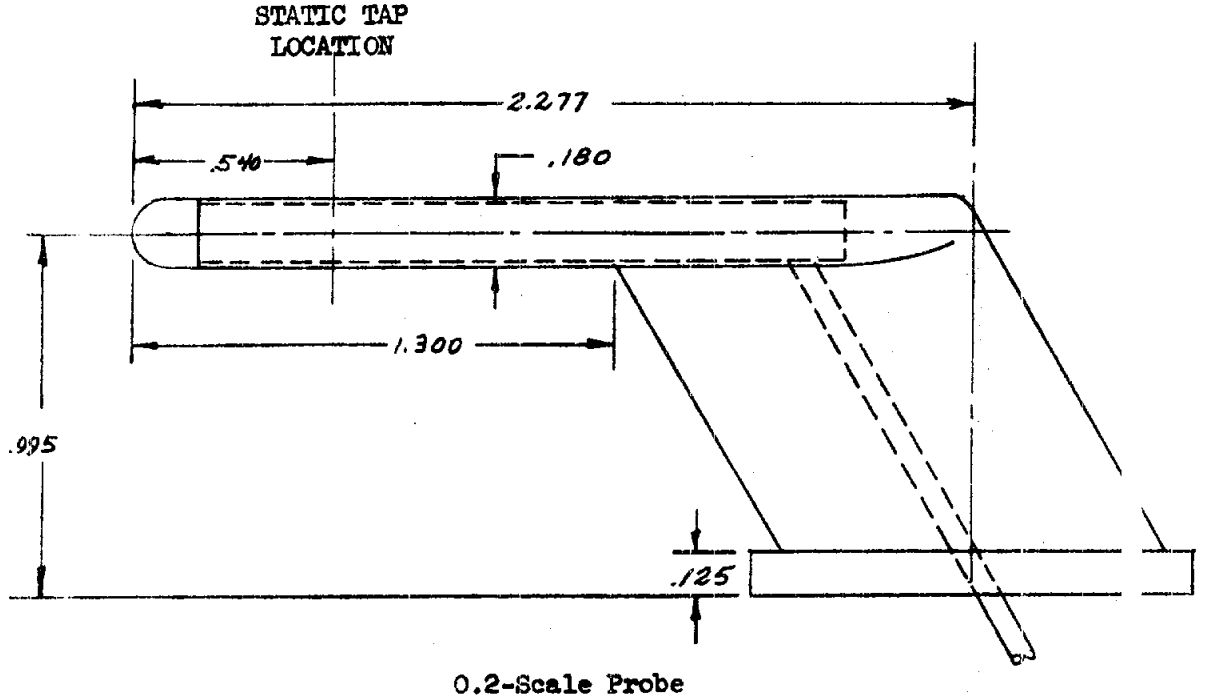
c. Rosemount 0.2-Scale α Probe
Figure 2. Continued.



d. Rosemount 0.1-Scale Static Probe
Figure 2. Continued.



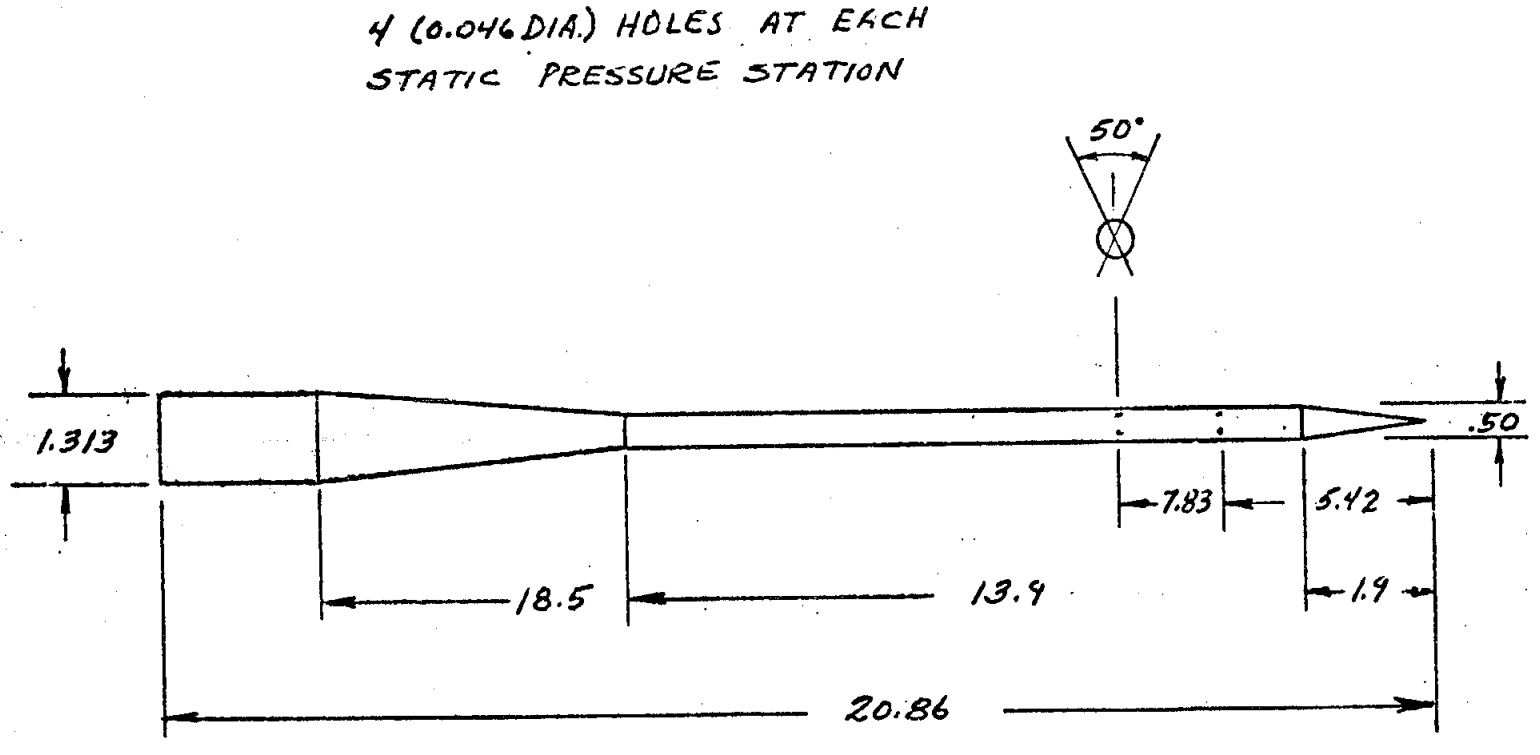
0.1 Scale Probe



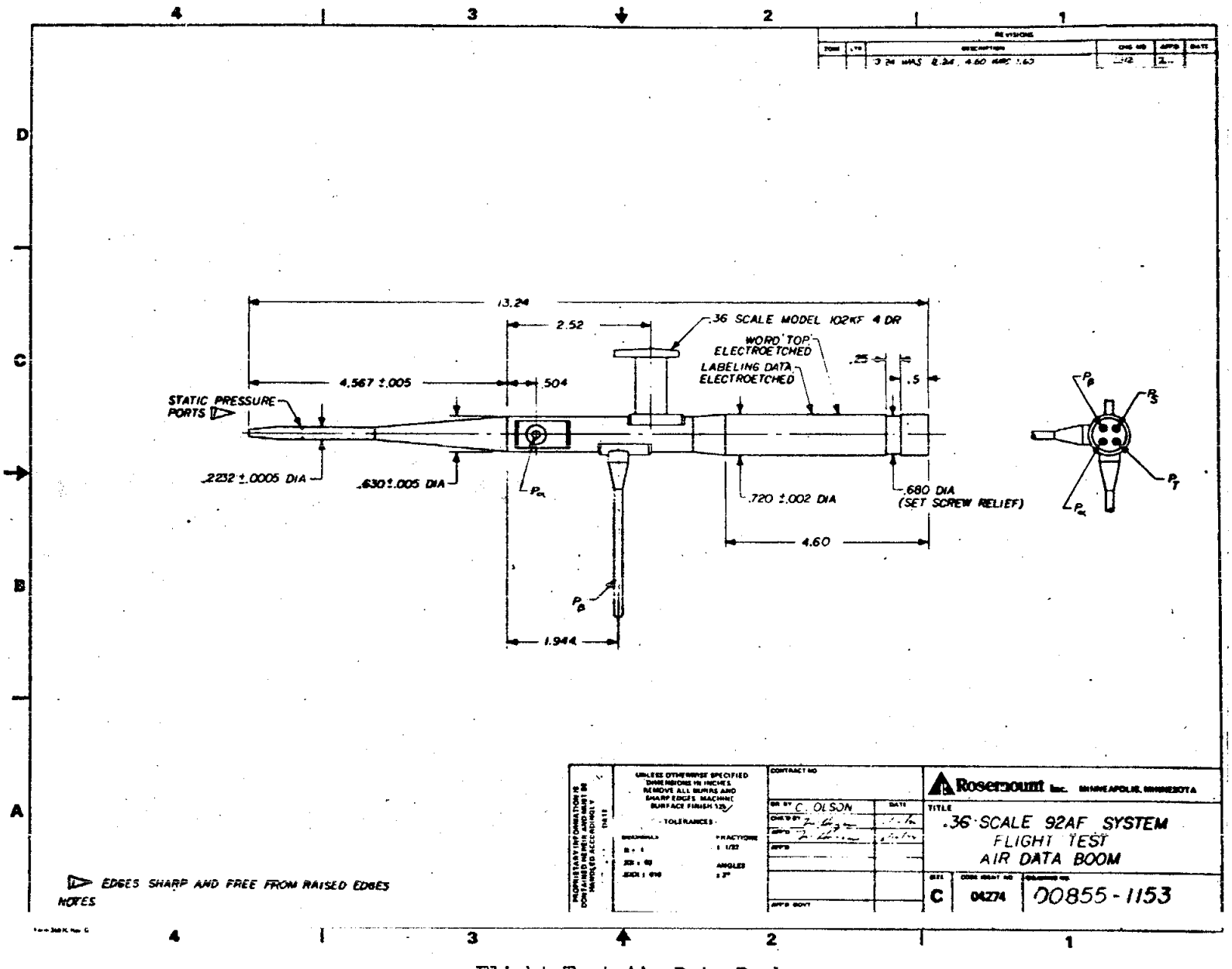
0.2-Scale Probe

NOTE: Probes are drawn at twice actual size.

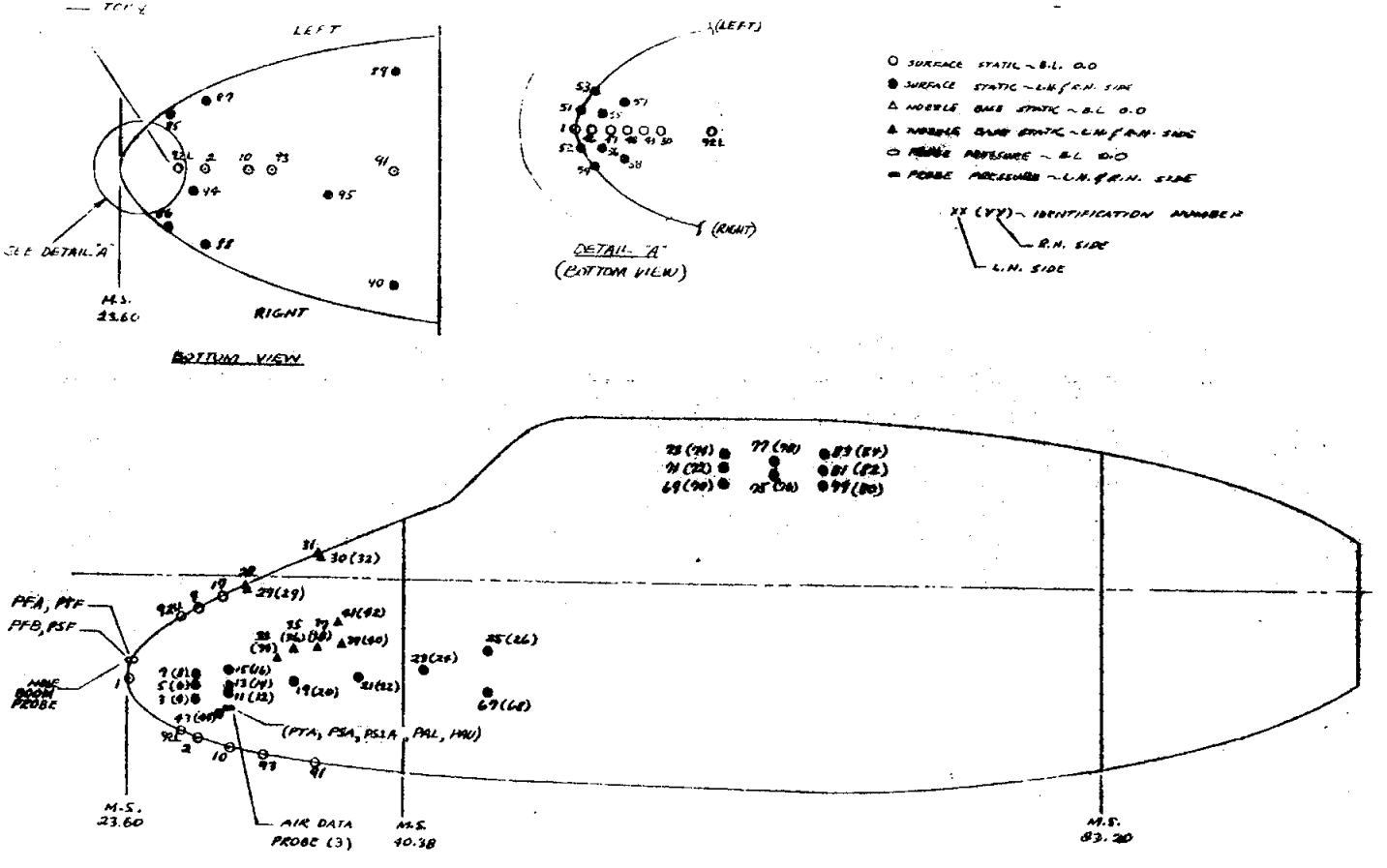
e. Uncompensated 0.1 and 0.2-Scale Probes
Figure 2. Continued.



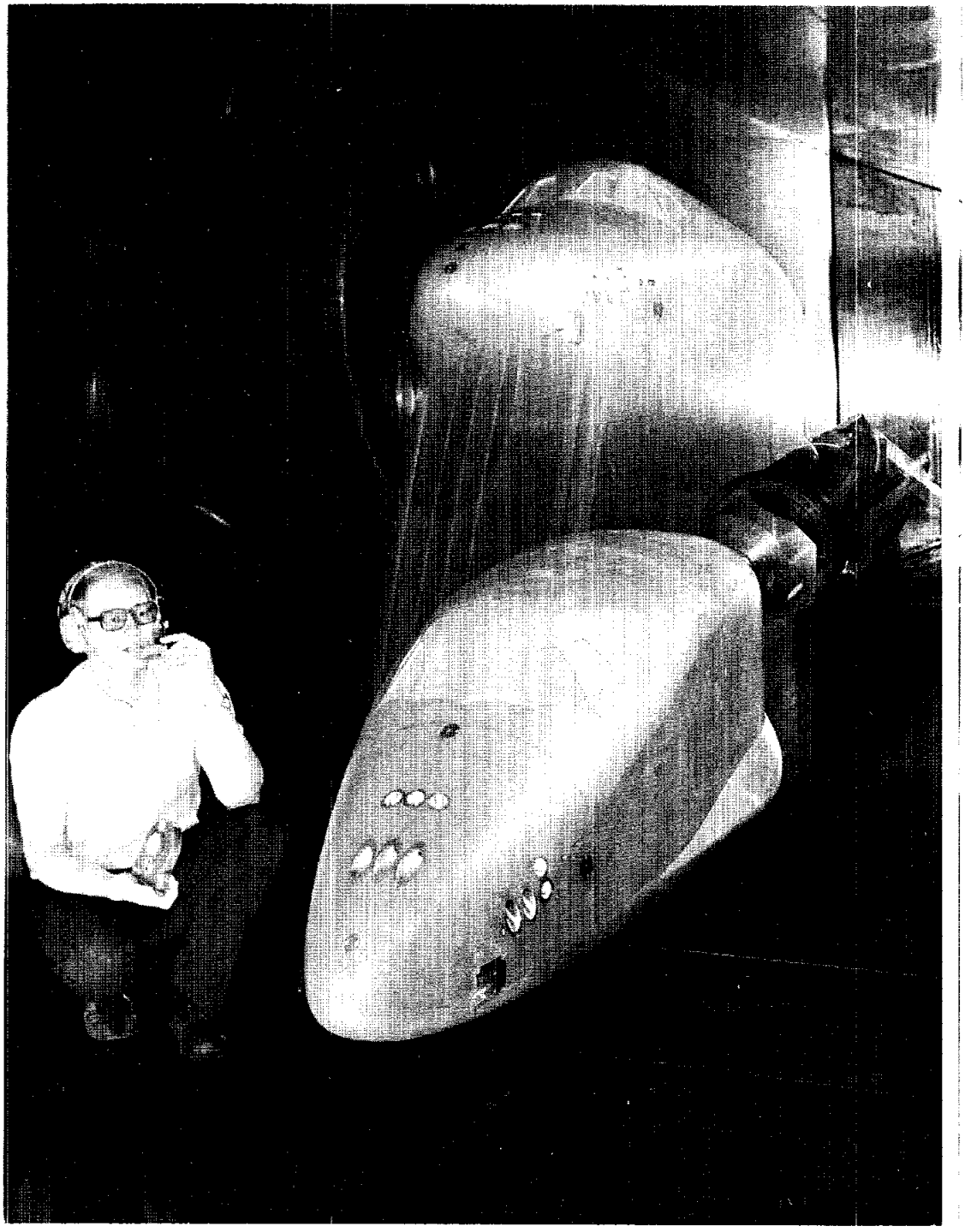
f. Rosemount Standard Static Pressure Probe
Figure 2. Continued.



g. Flight Test Air Data Probe
Figure 2. Continued.

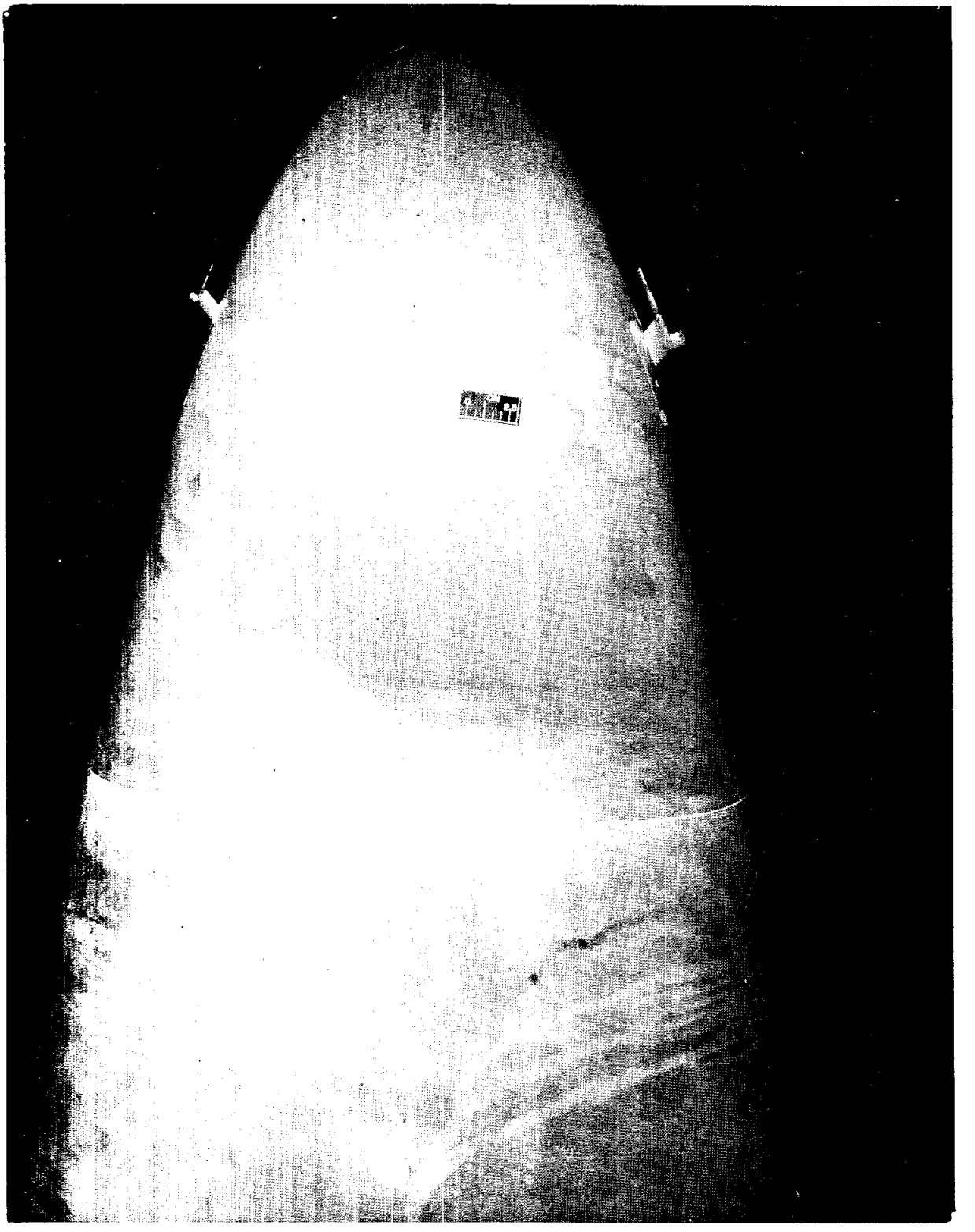


h. Pressure Instrumentation Layout
Figure 2. Concluded.

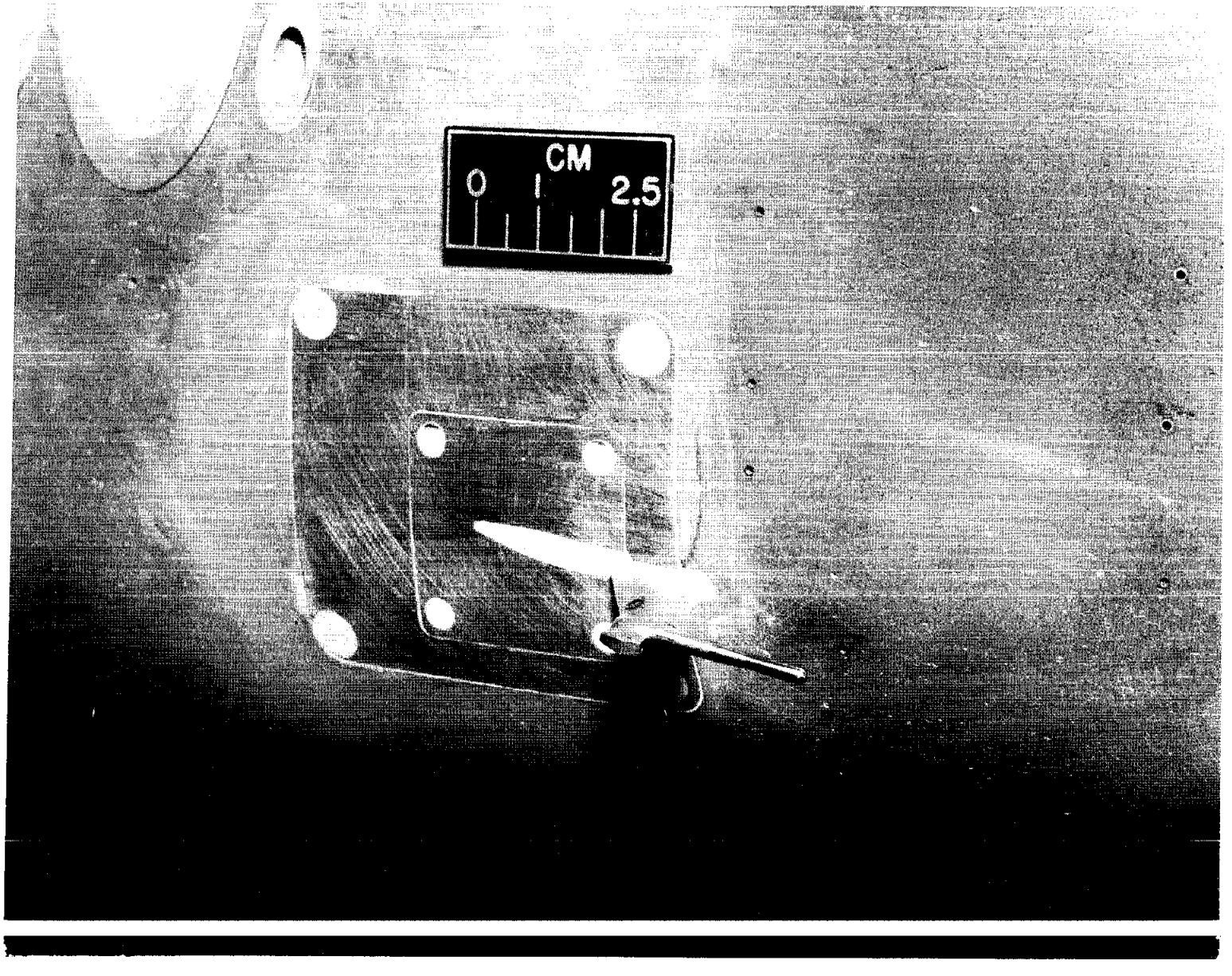


a. Three-quarter Front View of Model 99-0 Installed in the LeRC 10 x 0-Foot Supersonic Wind Tunnel. 0.1- and 0.2-Scale Uncompensated Probes re Installed on the Left-Hand and Right-Hand Sides of the Model, Respecti ely

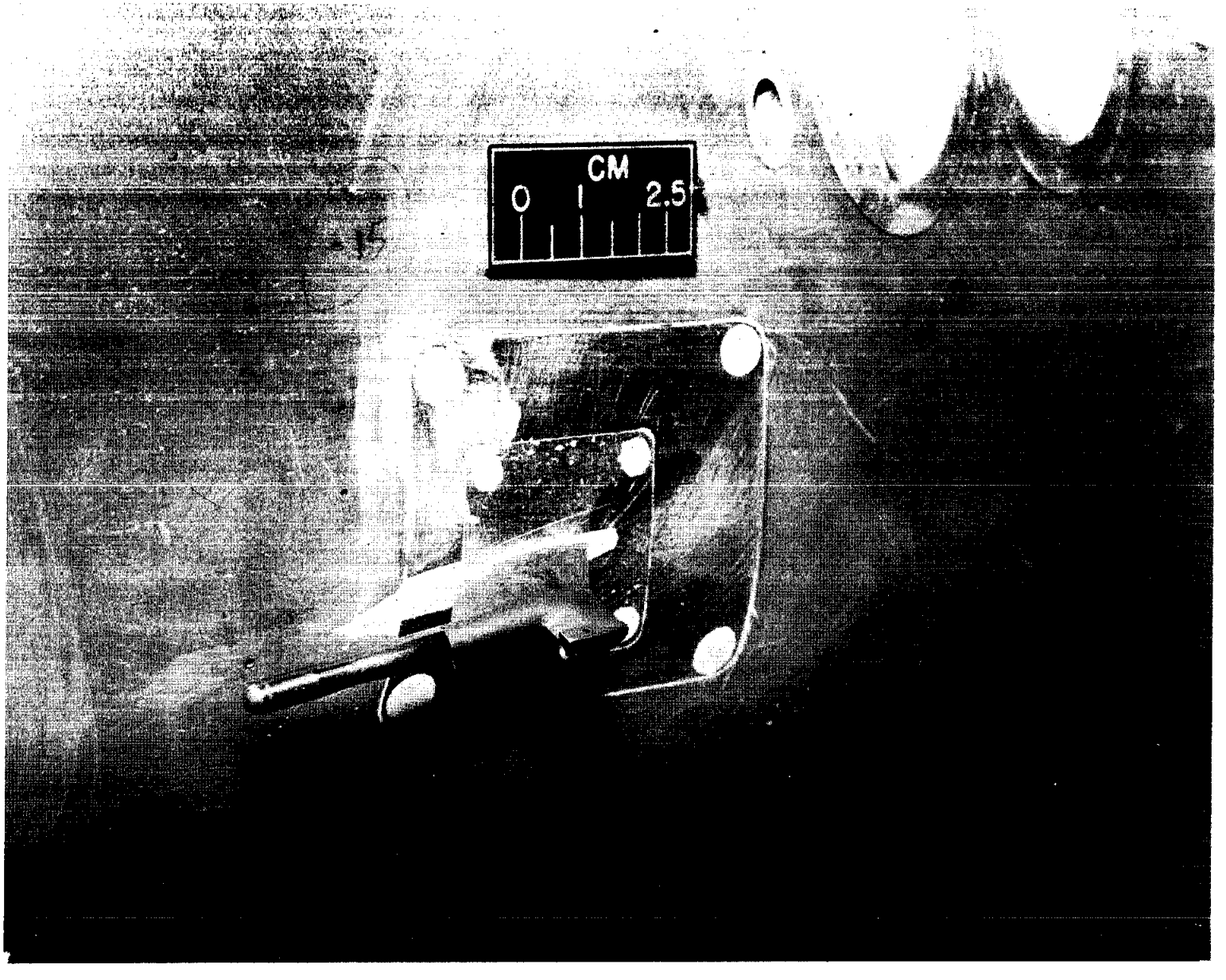
Figure 3. Model photographs.



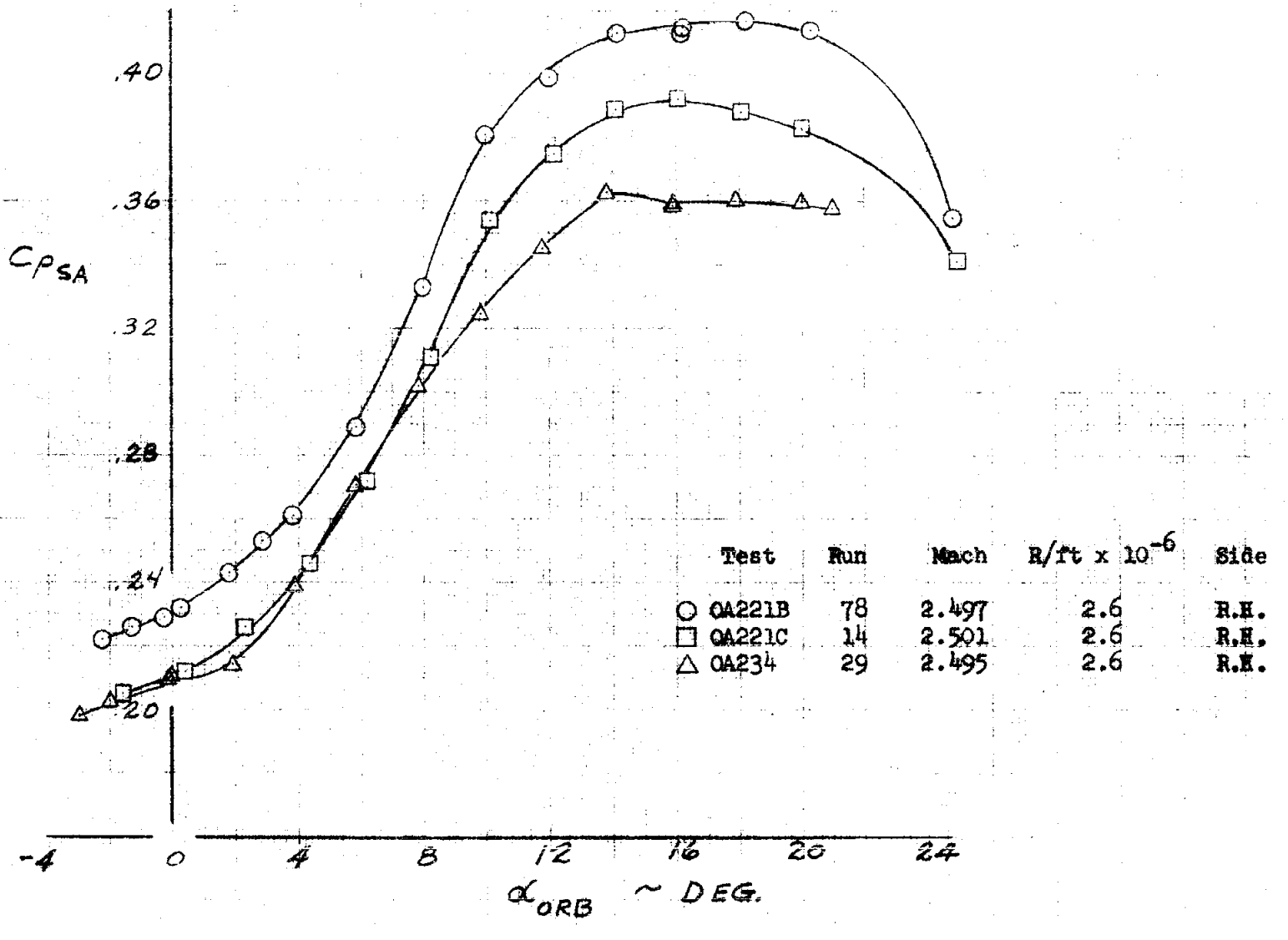
b. Bottom View of Model 99-0 with 0.1- and 0.2-Scale Rosemount ADS Probes Shown in Left and Right Portions of Photograph, Respectively
Figure 3. Continued.



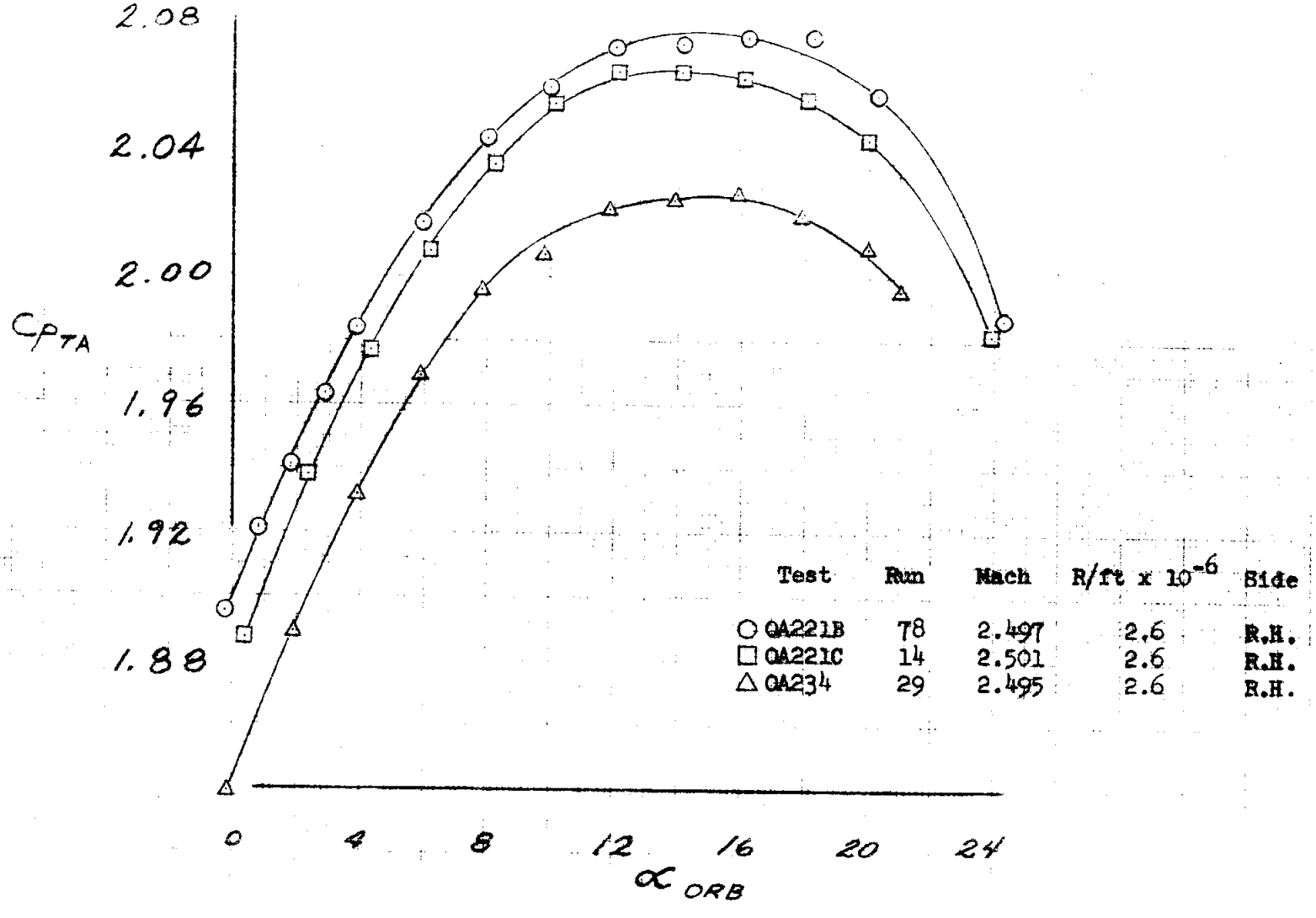
c. Rosemount 0.1-Scale ADS Probe Mounted on the Right-Hand Side of Model 99-0
Figure 3. Continued.



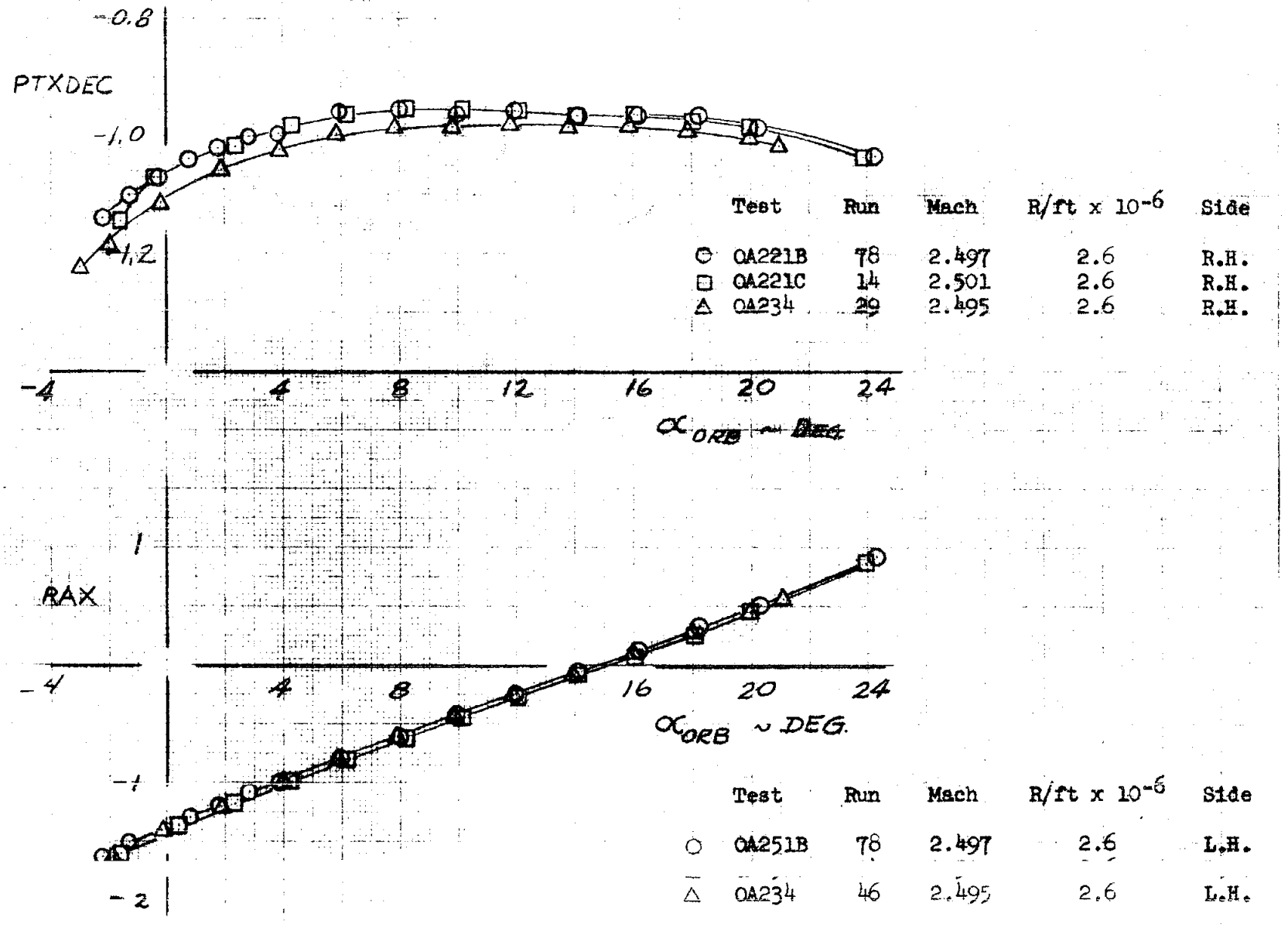
d. Rosemount 0.2-Scale ADS Probe Mounted on the Left-Hand Side of Model 99-0
Figure 3. Concluded.



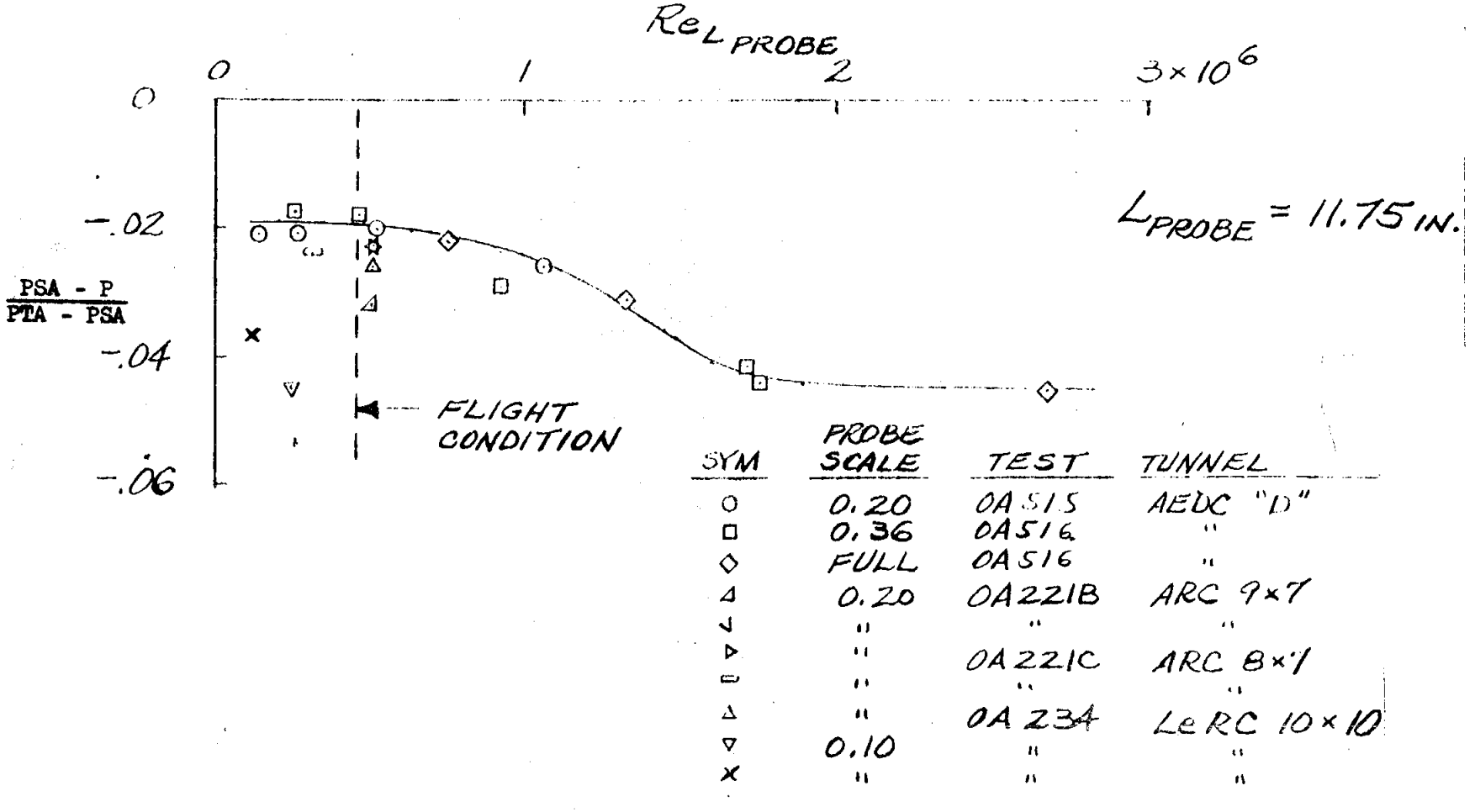
a. Comparison of Ames and Lewis Test Results; Side Probe Static Pressure Coefficient
Figure 4. Plots.



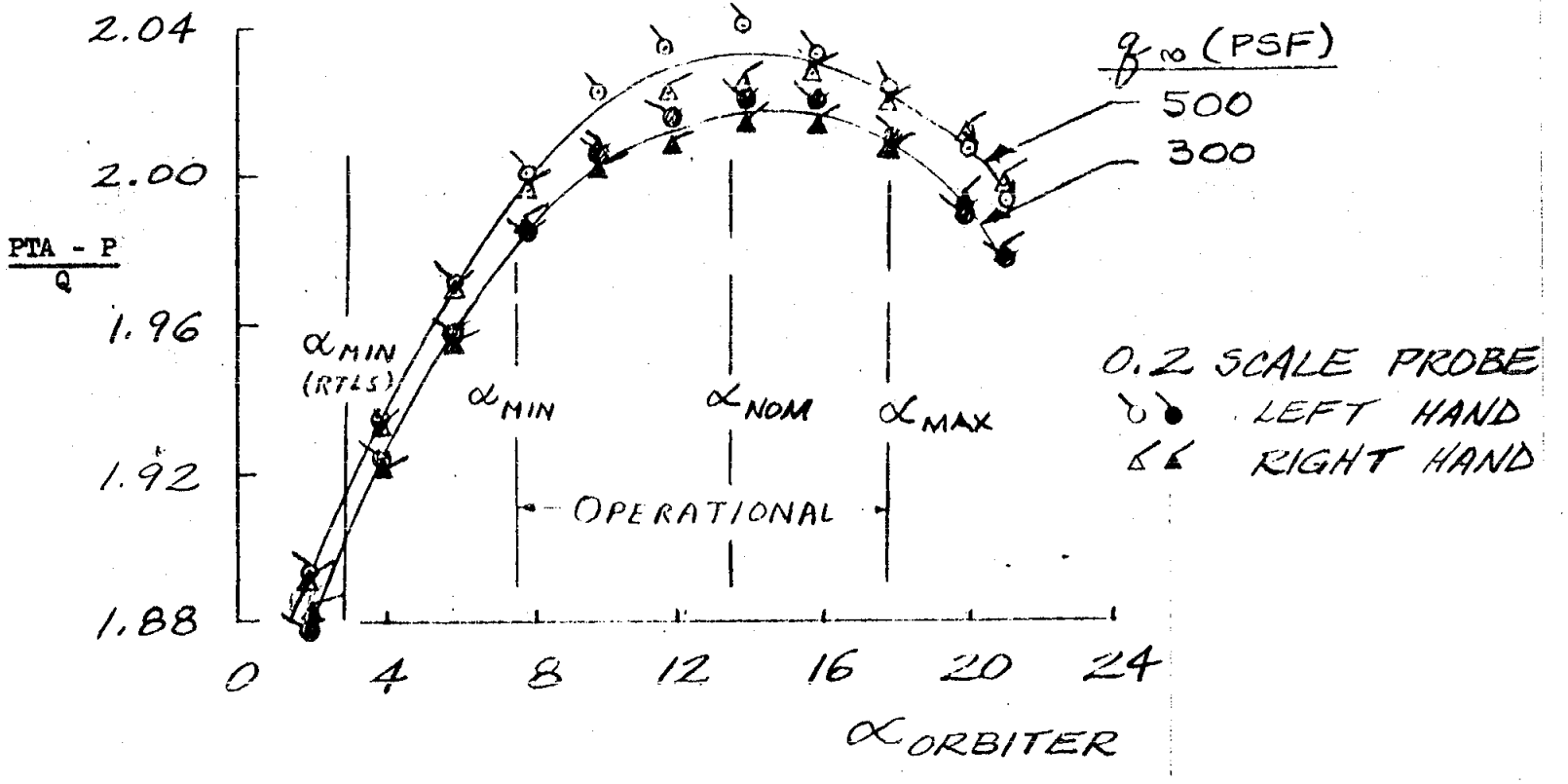
b. Comparison of Ames and Lewis Test Results; Side Probe Total Pressure Coefficient
Figure 4. Continued.



c. Comparison of Ames and Lewis Test Results; Side Probe Total Pressure Decrement and Flow Angle Parameter
Figure 4. Continued.



d. Reynold's Number Sensitivity of Air Data Probe Static Pressure Decrement
Figure 4. Continued.



e. Effect of Tunnel Q on Probe Total Pressure
Figure 4. Concluded.

APPENDIX

	Page
PLOTTED SIDE PROBE DATA	1
TABULATED SIDE PROBE INTERPOLATED AND COMBINED ON THE LEFT SIDE	30
TABULATED SIDE PROBE SOURCE DATA	62
TABULATED ALTERNATE ADS SORCE DATA	105
TABULATED RCS TAPS SOURCE DATA	226
TABULATED DFI TAPS SOURCE DATA	276
TABULATED SEADS TAPS SOURCE DATA	314
TABULATED UNCOMPENSATED SIDE PROBES SOURCE DATA	382

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

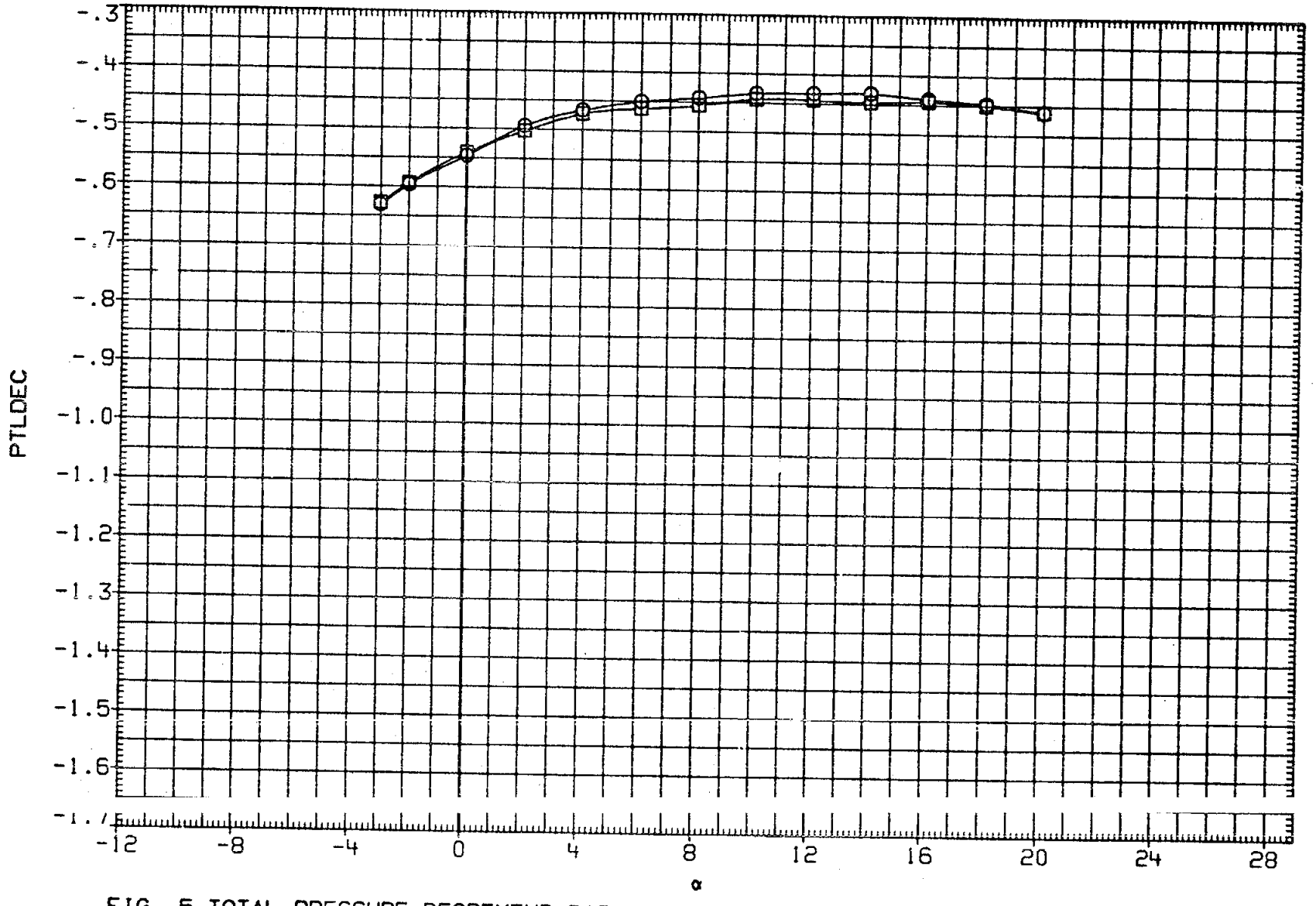


FIG. 5 TOTAL PRESSURE DECREMENT DATA(LEFT SIDE COMBINED)

(A)MACH = 2.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

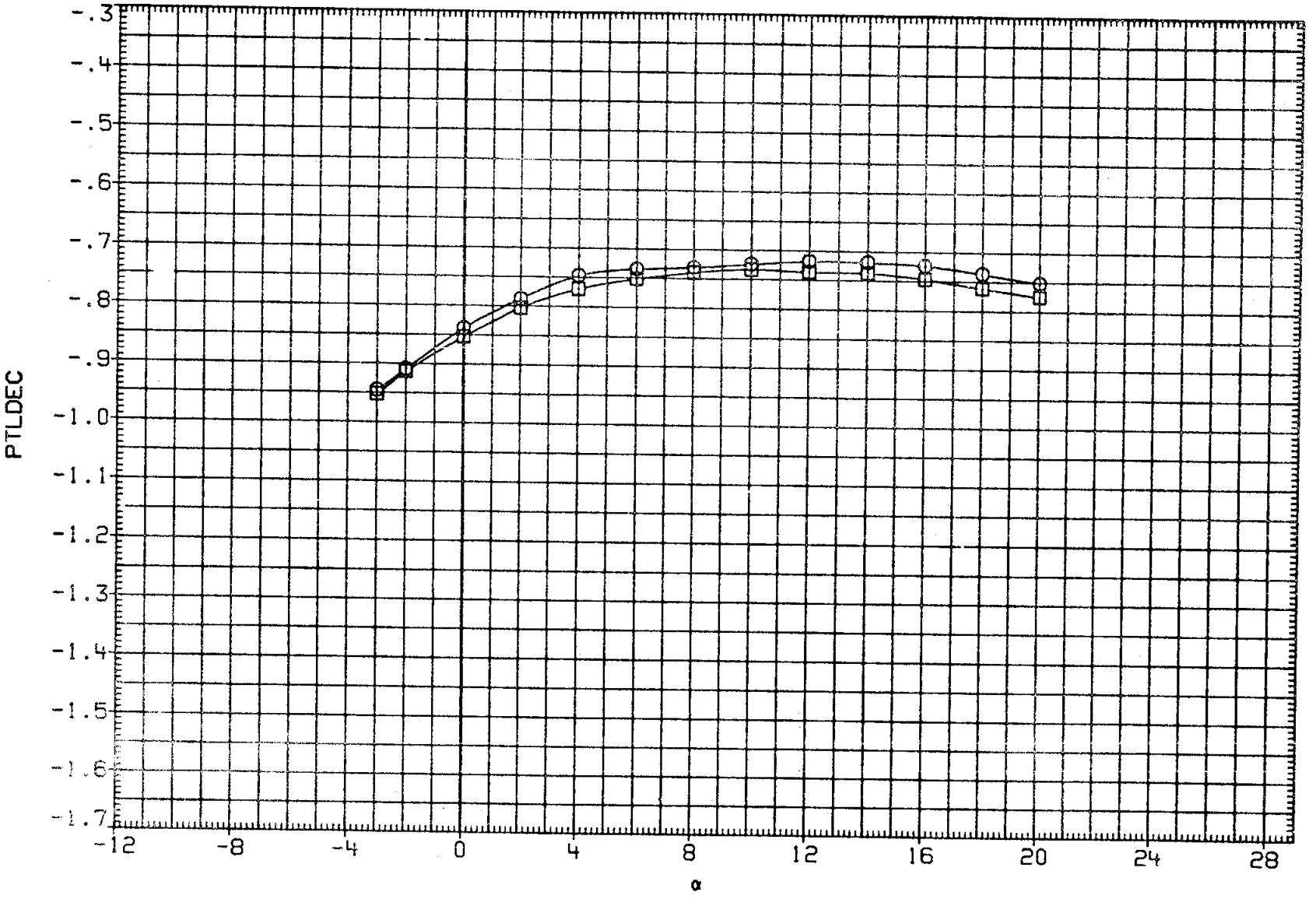


FIG. 5 TOTAL PRESSURE DECREMENT DATA(LEFT SIDE COMBINED)

(B)MACH = 2.27

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

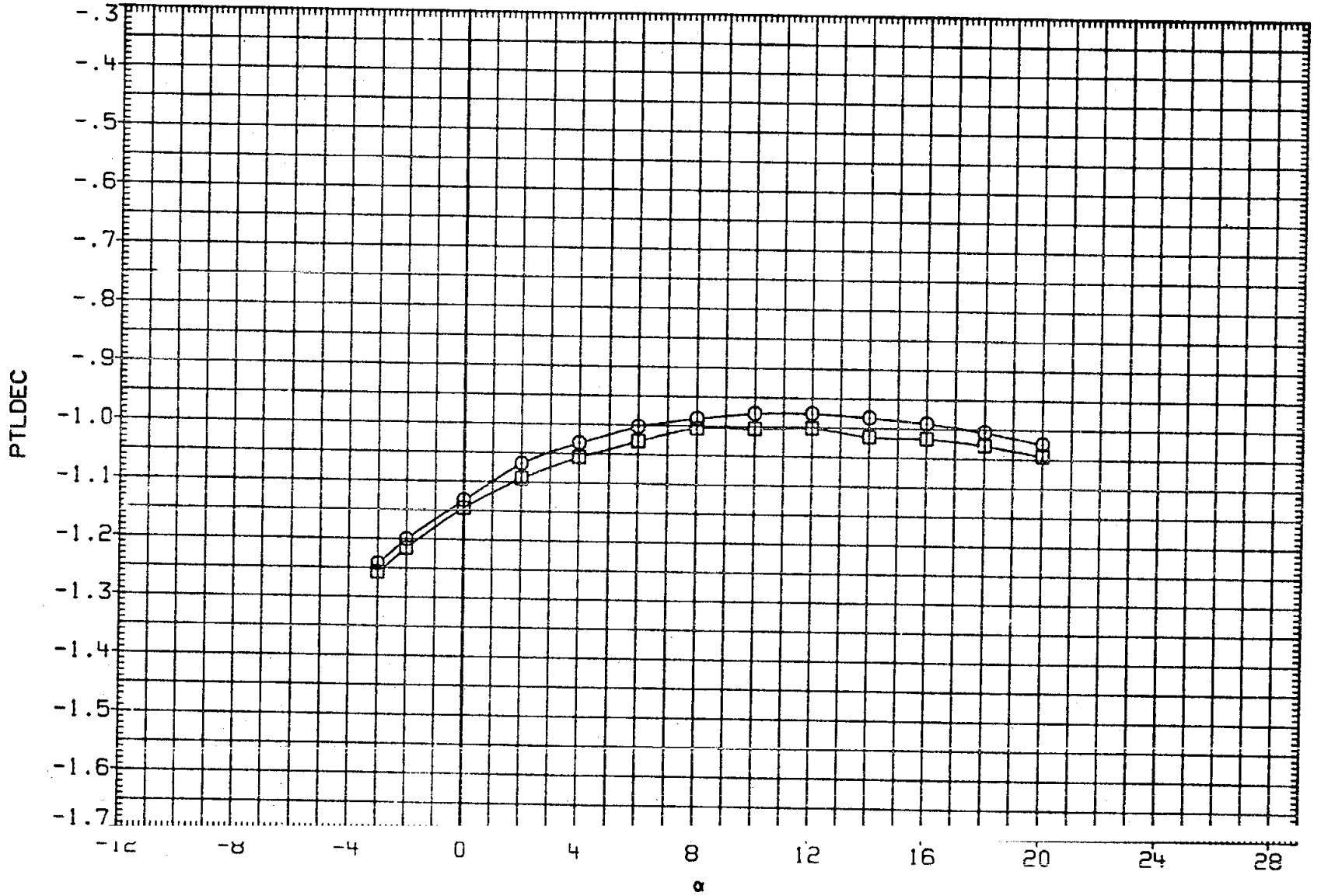


FIG. 5 TOTAL PRESSURE DECREMENT DATA(LEFT SIDE COMBINED)

(C)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

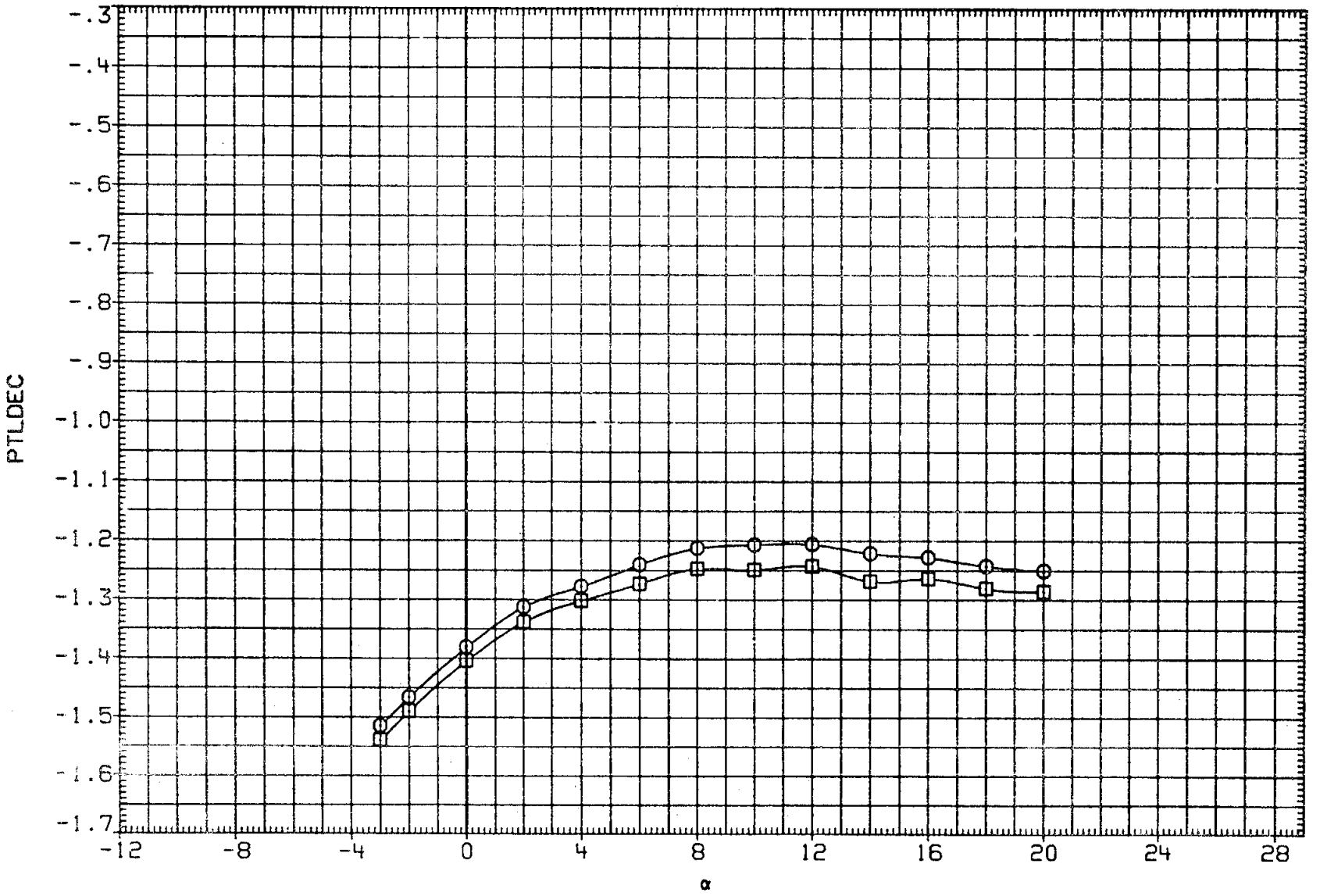


FIG. 5 TOTAL PRESSURE DECREMENT DATA(LEFT SIDE COMBINED)

(D)MACH = 2.65

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

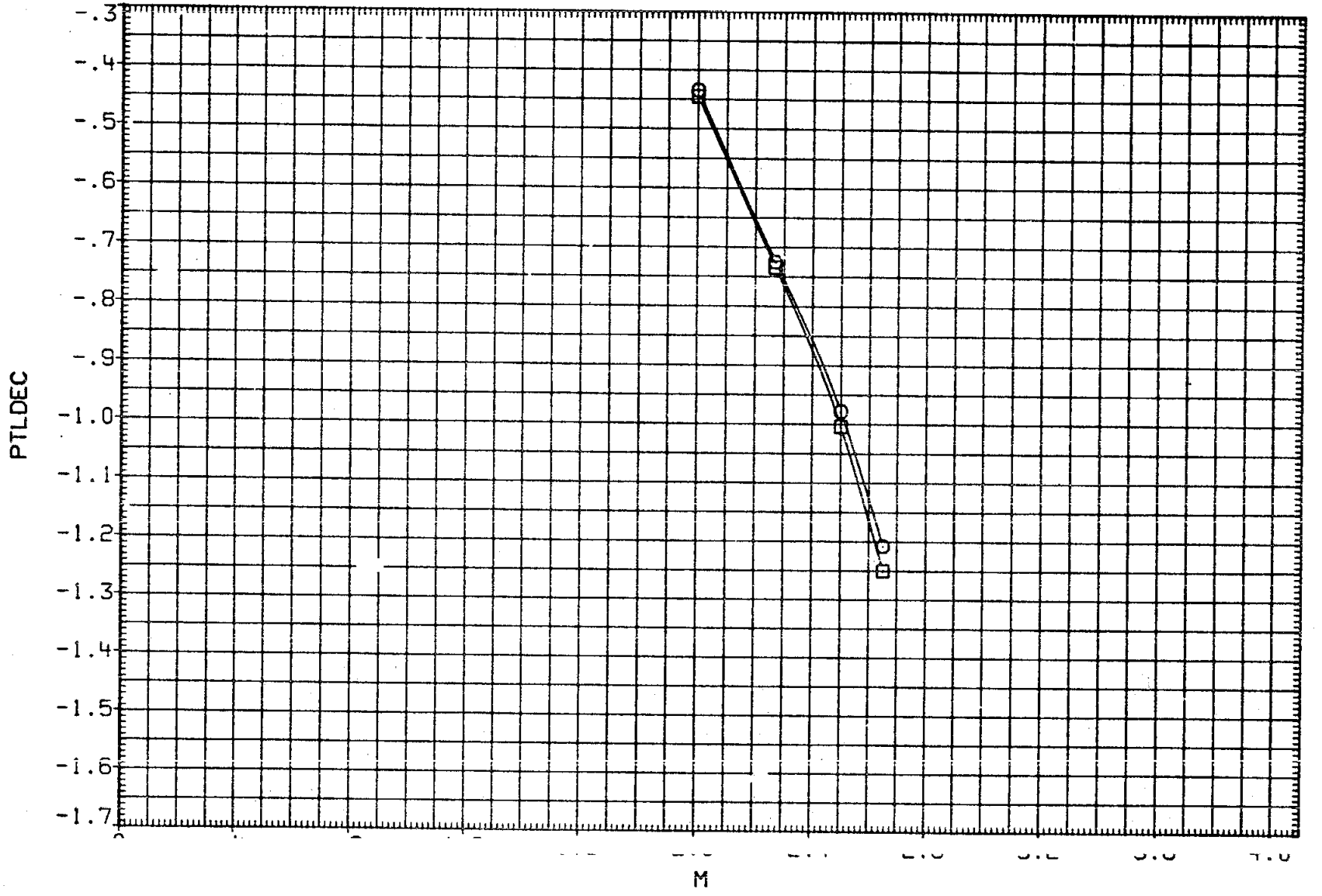


FIG. 5 TOTAL PRESSURE DECREMENT DATA(LEFT SIDE COMBINED)

(A)ALPHA = 10.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

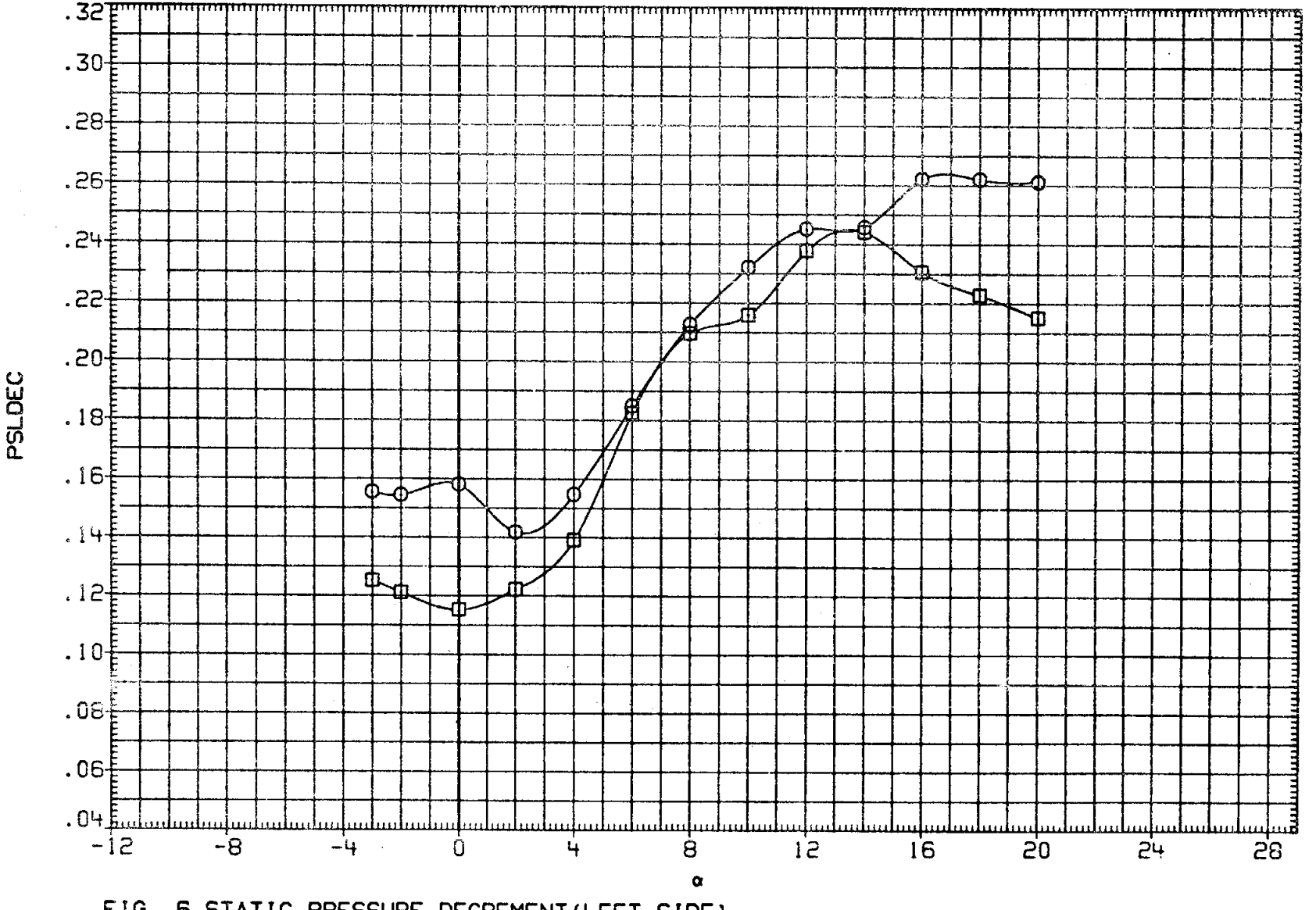


FIG. 6 STATIC PRESSURE DECREMENT (LEFT SIDE)
USING COMPLETELY INTERPOLATED DATA

A) MACH = 2.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

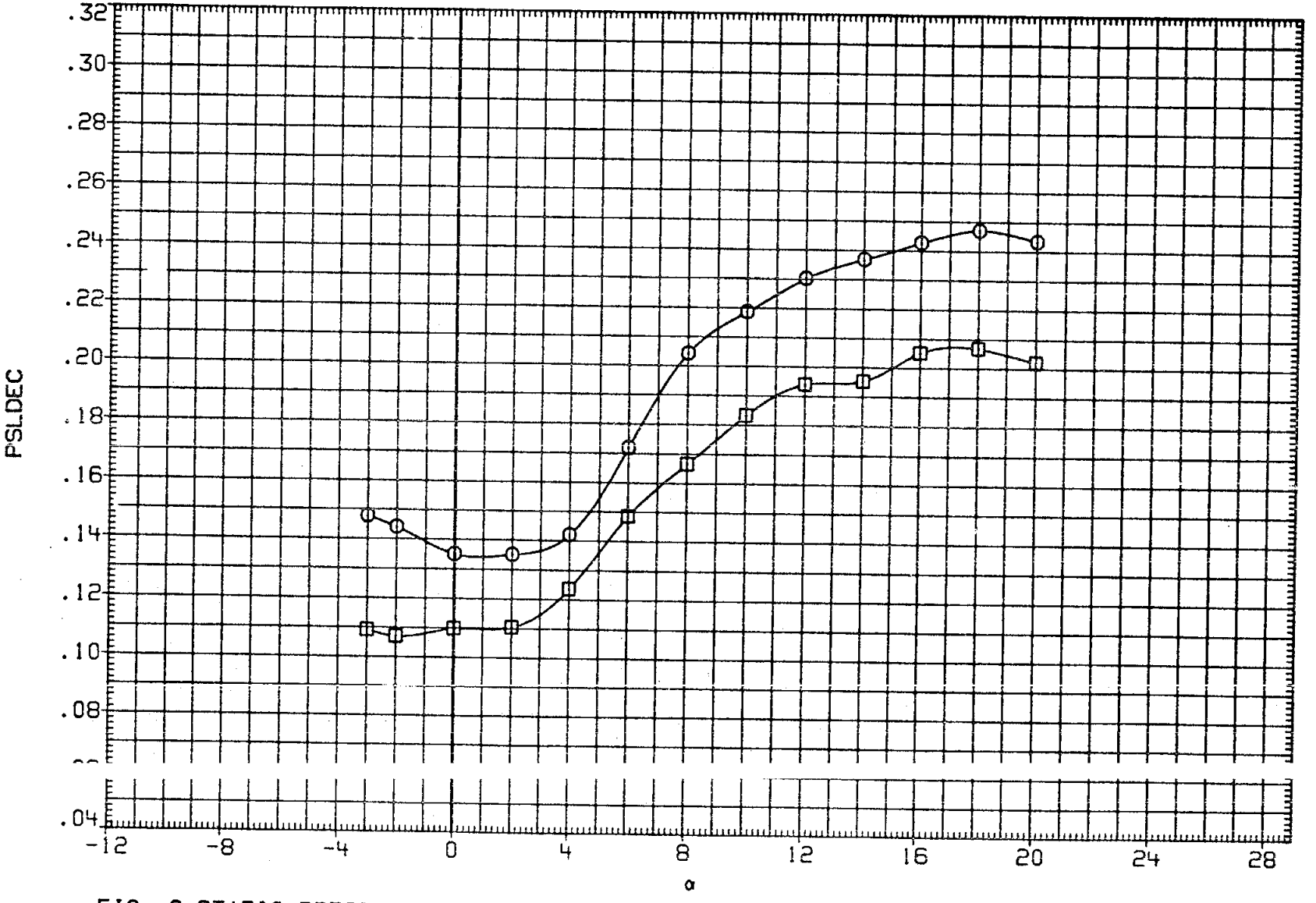


FIG. 6 STATIC PRESSURE DECREMENT(LEFT SIDE)
USING COMPLETELY INTERPOLATED DATA

(B)MACH = 2.27

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

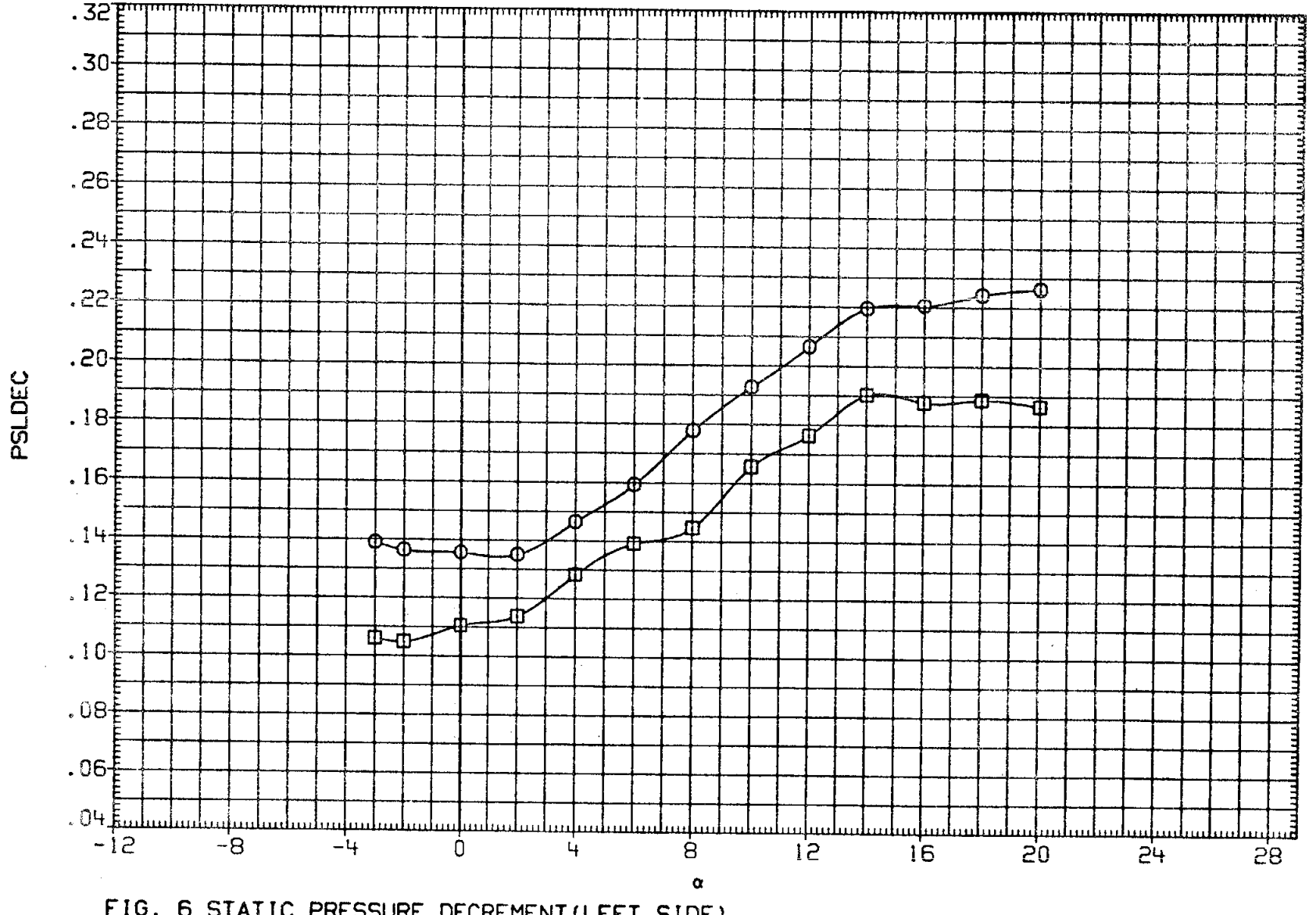


FIG. 6 STATIC PRESSURE DECREMENT(LEFT SIDE)
USING COMPLETELY INTERPOLATED DATA

(C)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

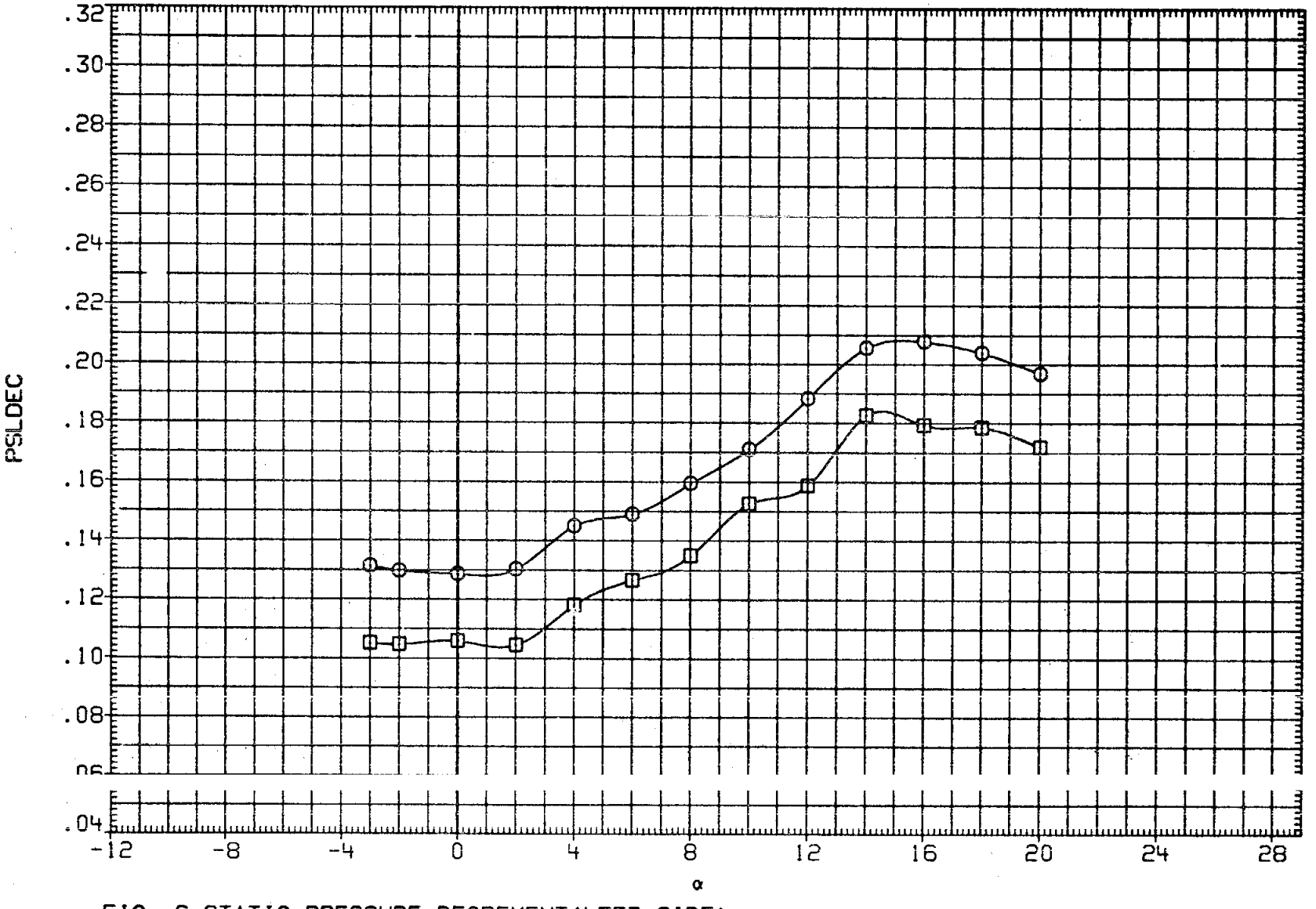


FIG. 6 STATIC PRESSURE DECREMENT(LEFT SIDE)
USING COMPLETELY INTERPOLATED DATA

(D)MACH = 2.65

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

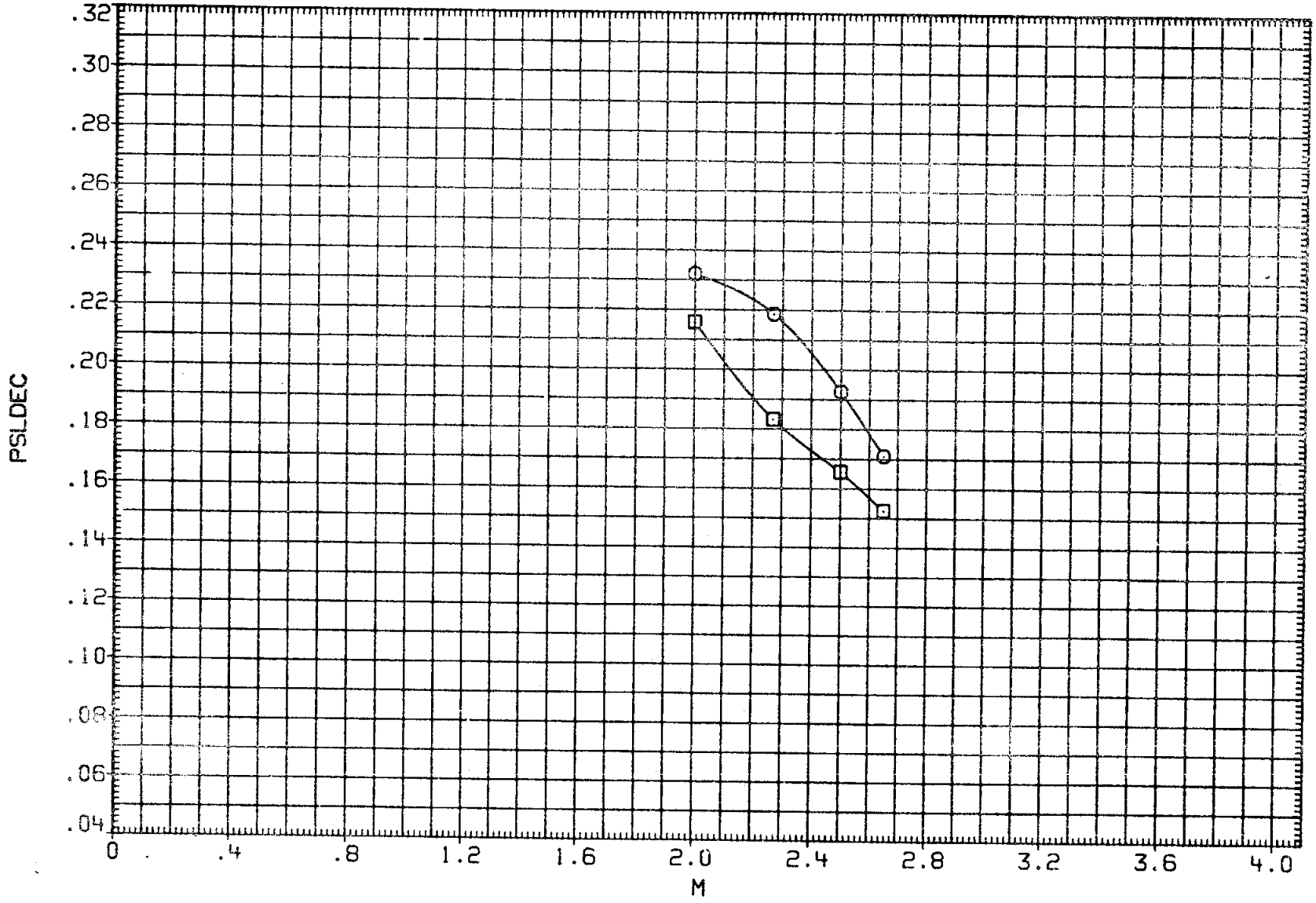


FIG. 6 STATIC PRESSURE DECREMENT(LEFT SIDE)
USING COMPLETELY INTERPOLATED DATA

(A)ALPHA = 10.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

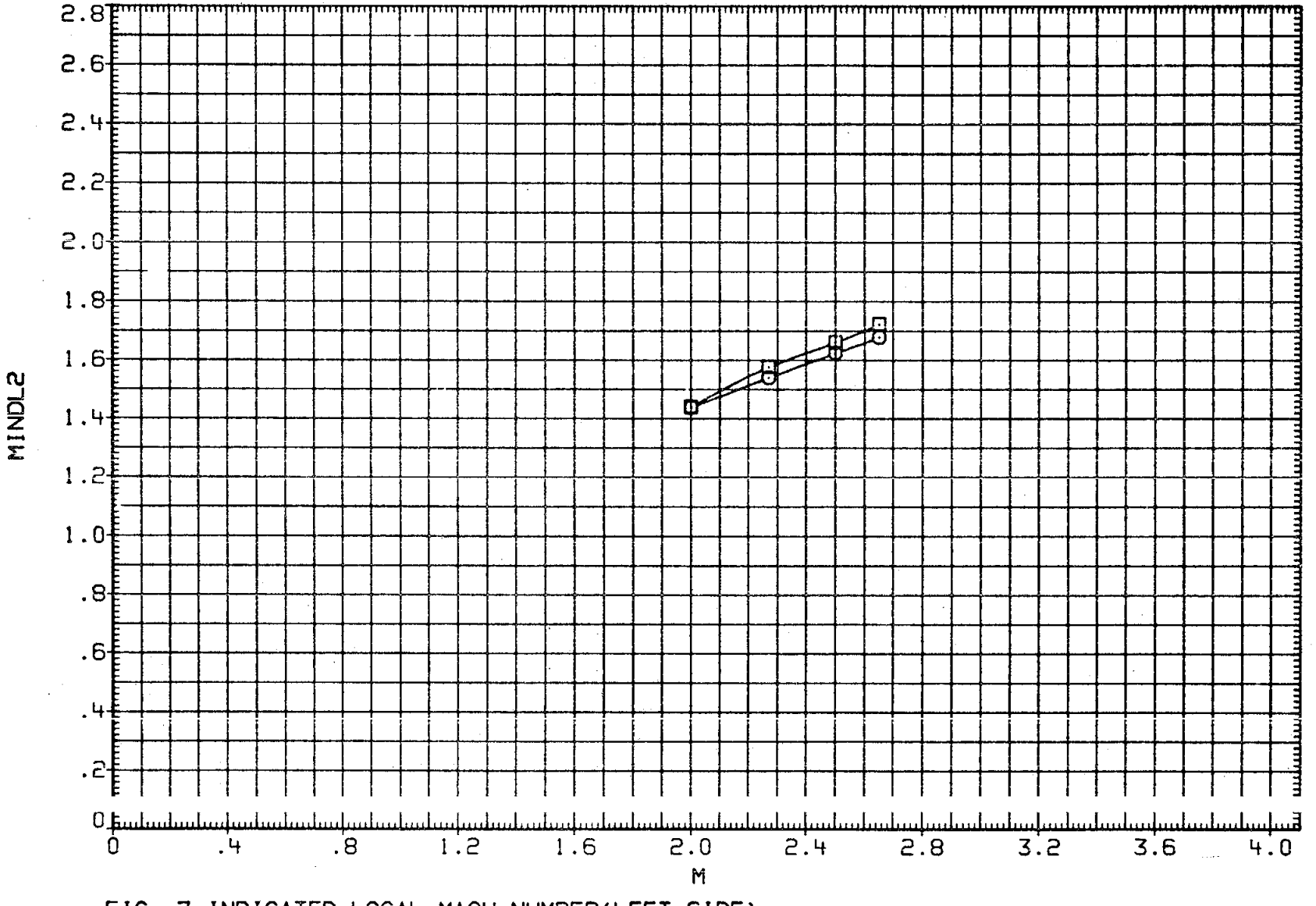


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(A)ALPHA = 6.00

DATA SET	SYMBOL	CONFIGURATION				BETA	Q(PSF)	PHI
CGYBL1	○	0A234	LERC 10SWT 42	PROBE DATA	LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234	LERC 10SWT 42	PROBE DATA	LEFT SIDE	2.000	500.000	.000

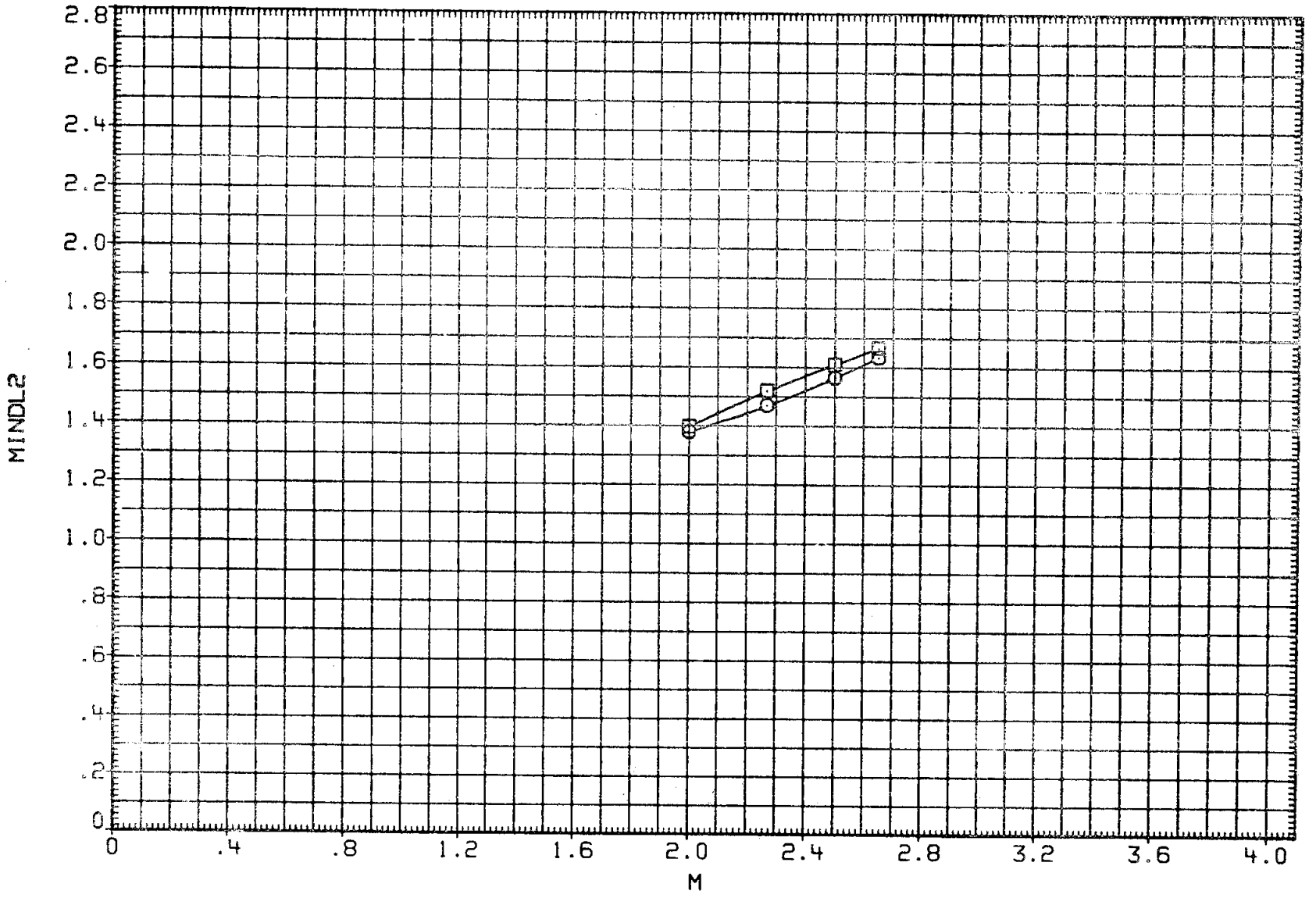


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(B)ALPHA = 10.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

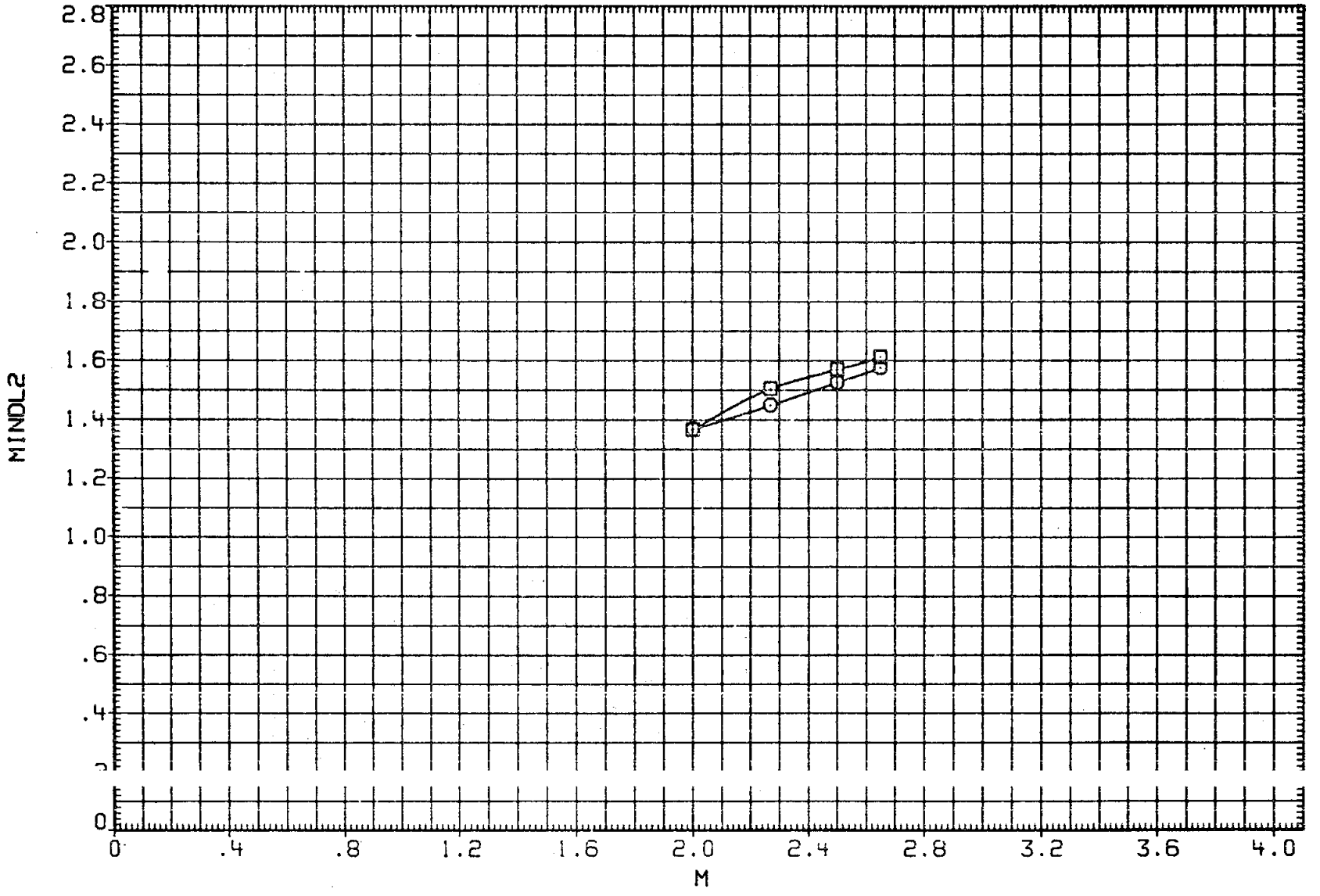


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(C)ALPHA = 14.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

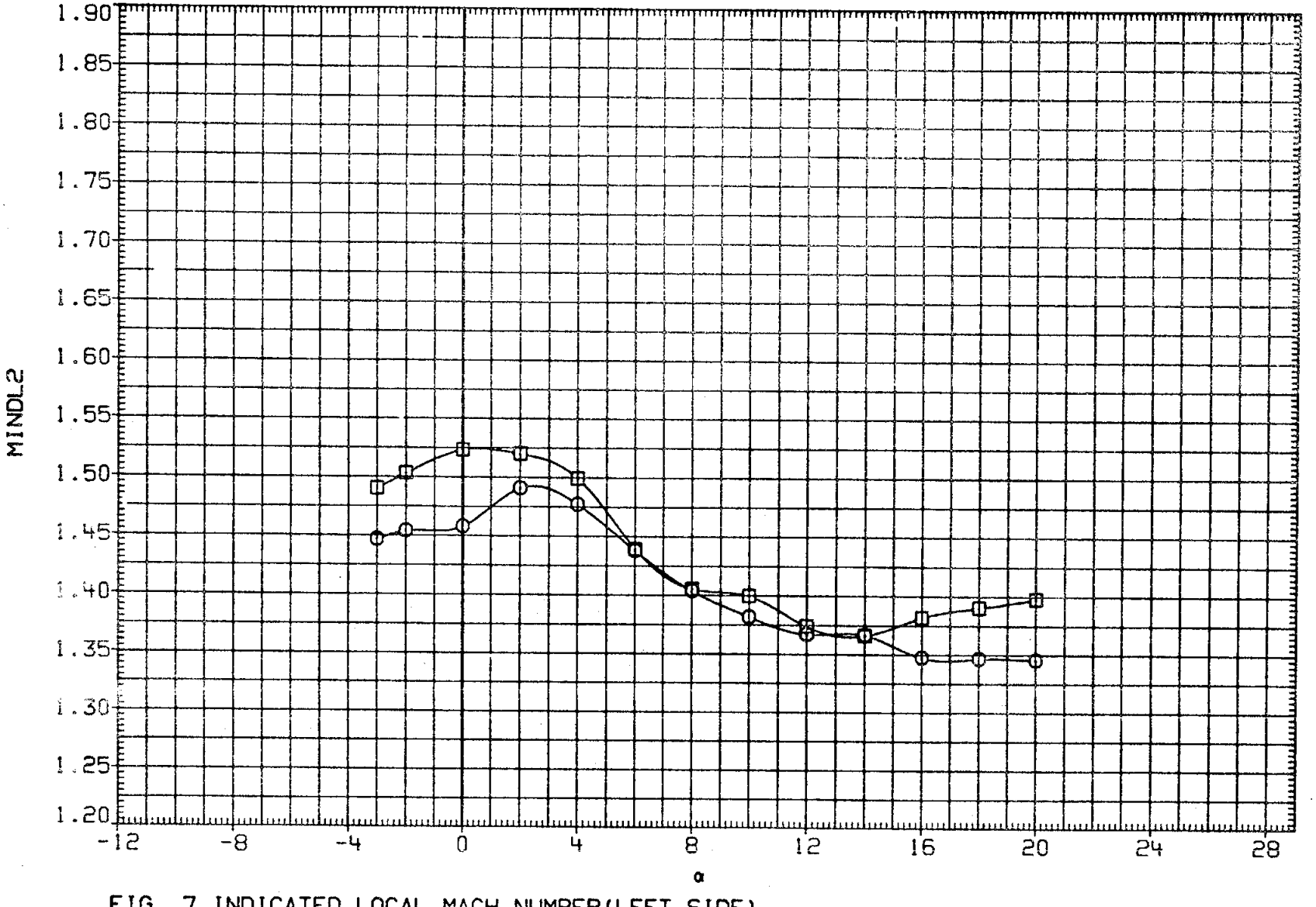


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(A)MACH = 2.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

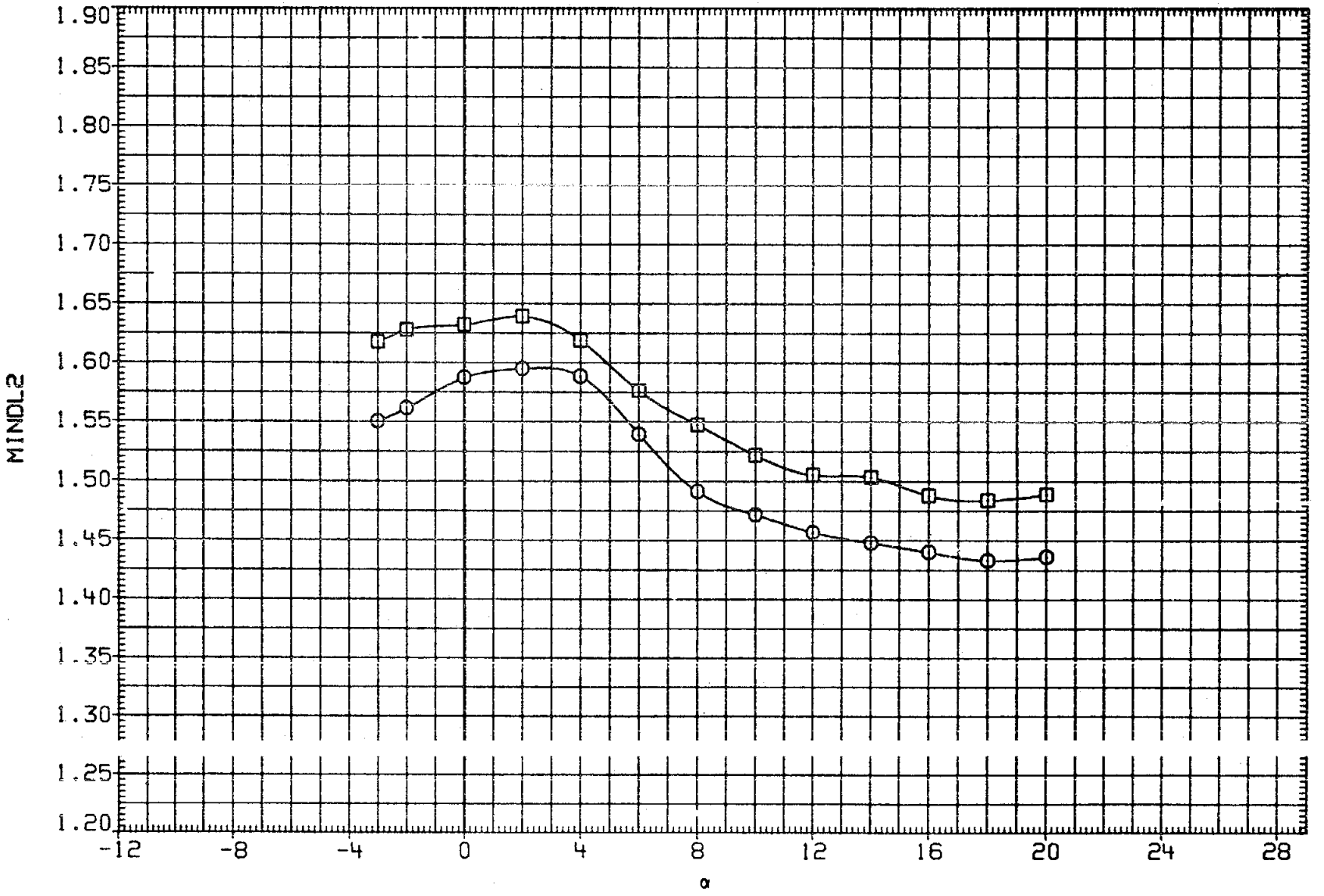


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(B)MACH = 2.27

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

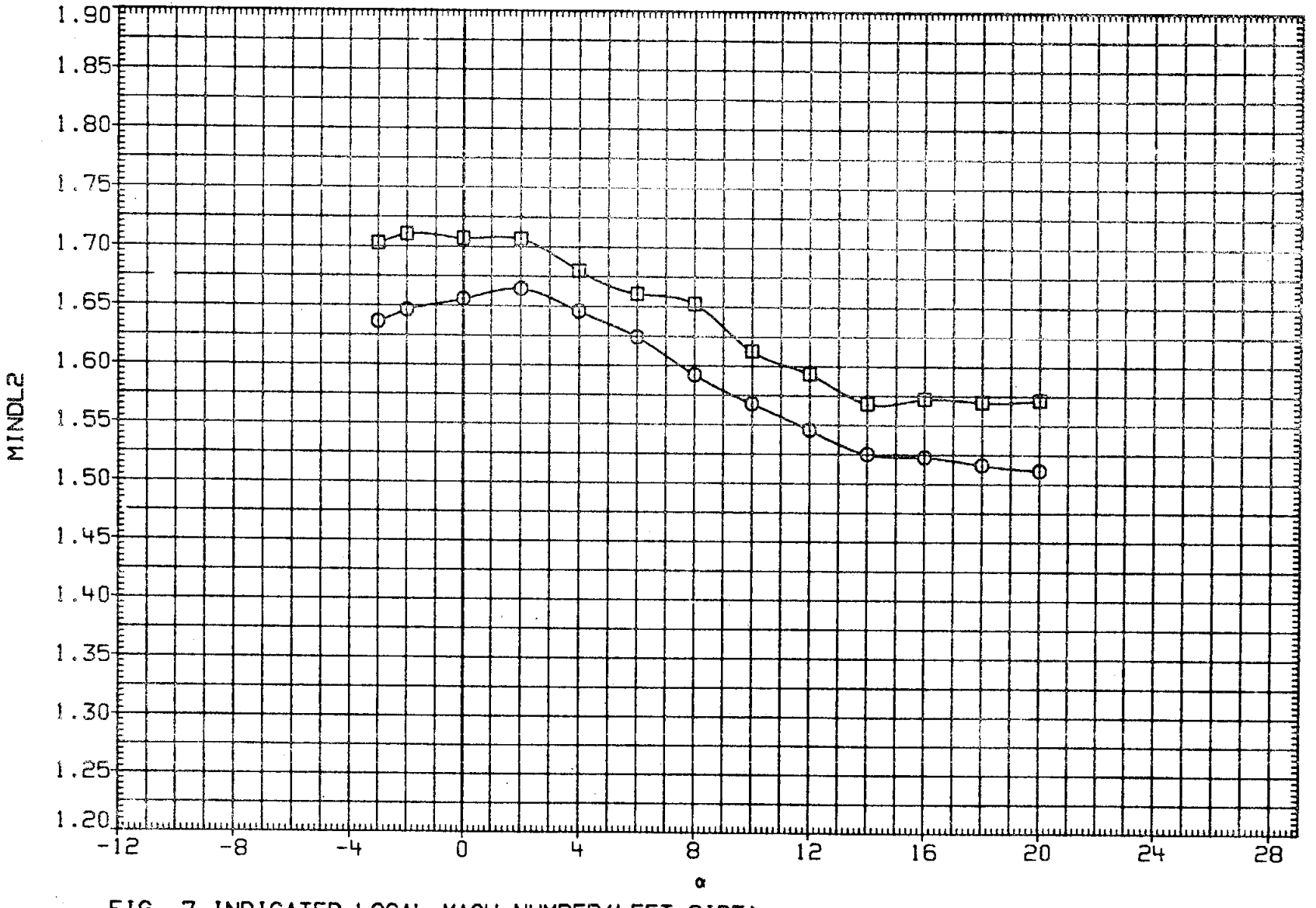


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(C)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

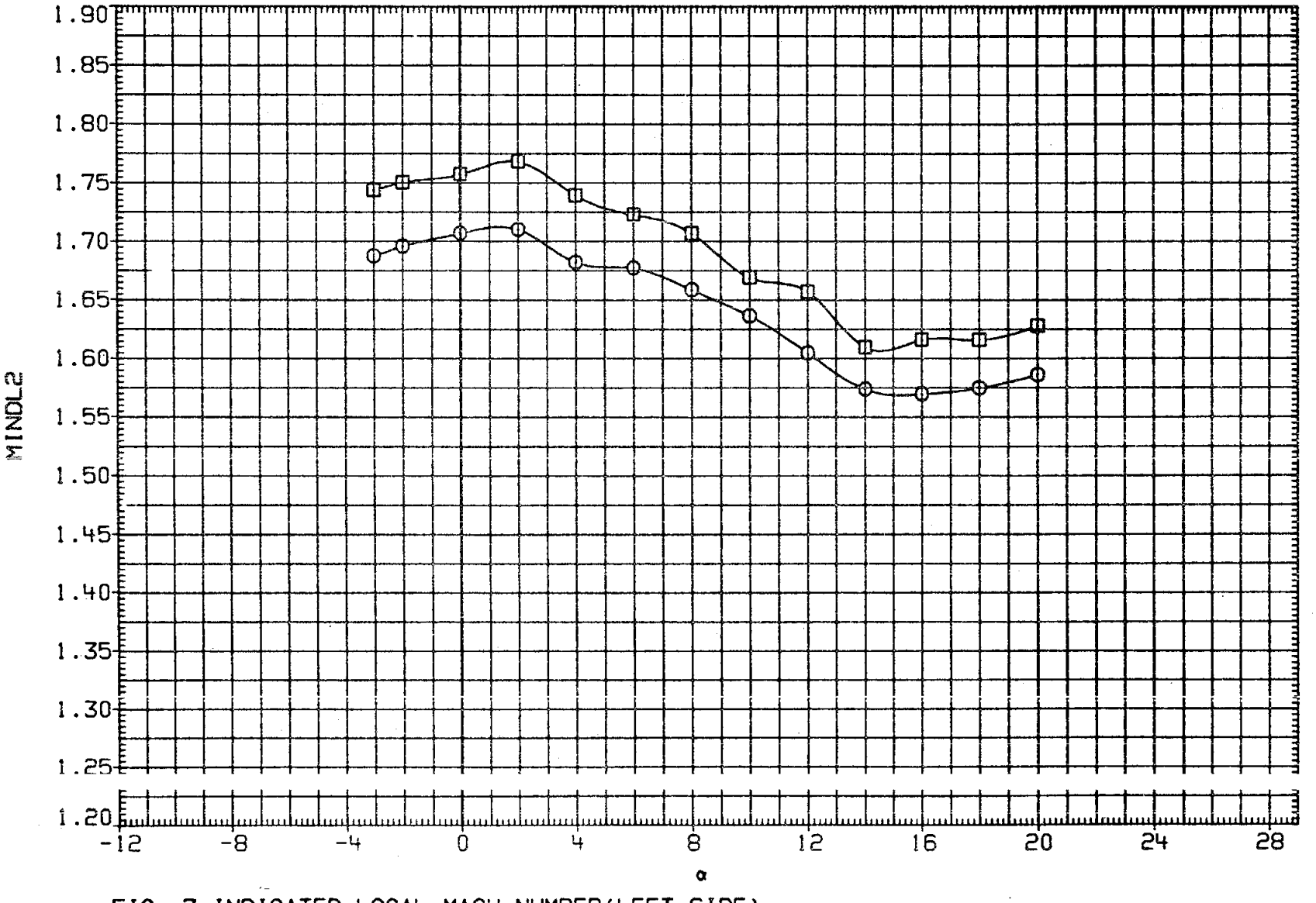


FIG. 7 INDICATED LOCAL MACH NUMBER(LEFT SIDE)
USING 0.2P/S STATIC PRESSURE DATA

(D)MACH = 2.65

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

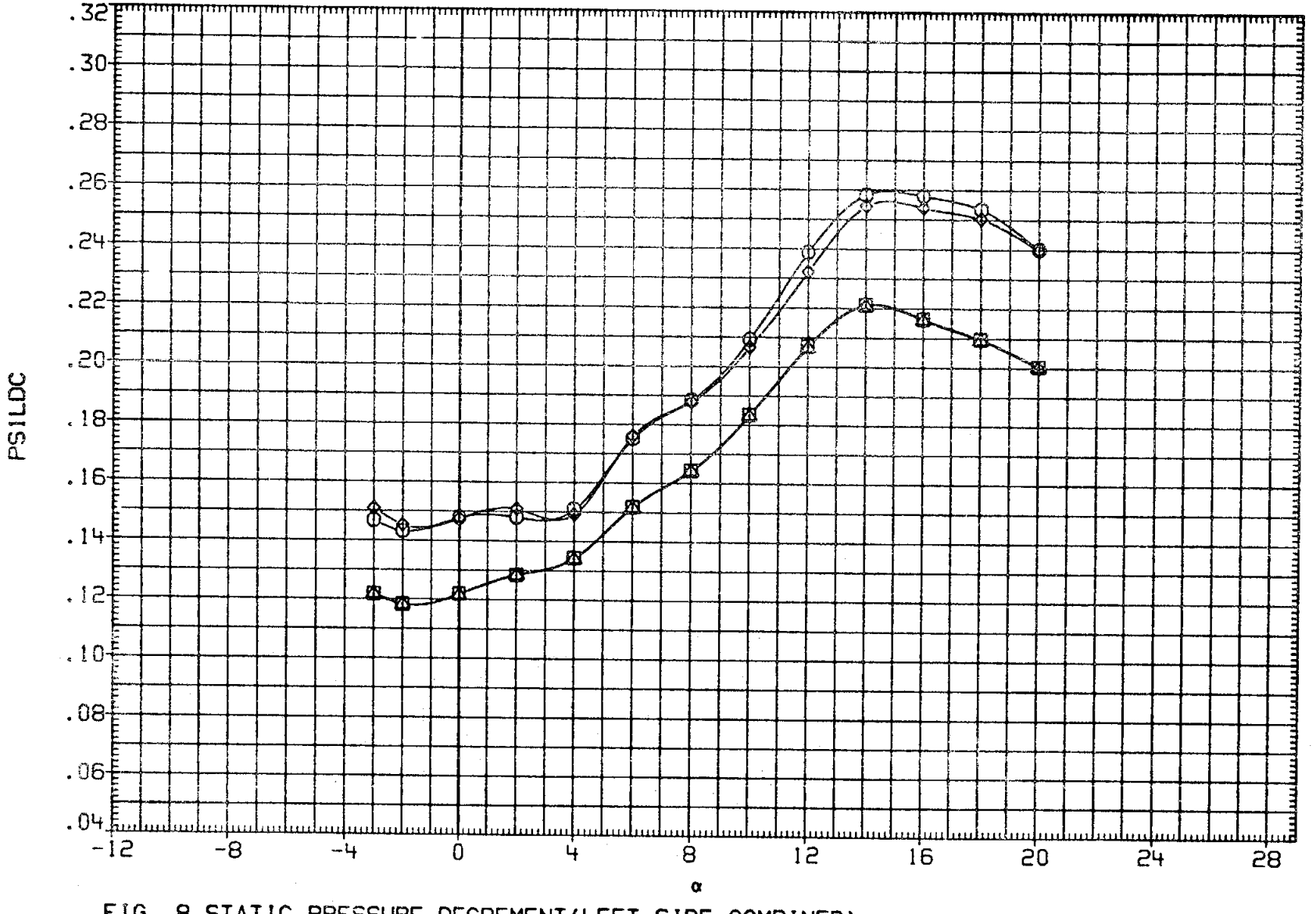


FIG. 8 STATIC PRESSURE DECREMENT(LEFT SIDE COMBINED)
USING 0.1S STATIC PRESSURE DATA

(A)MACH = 2.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

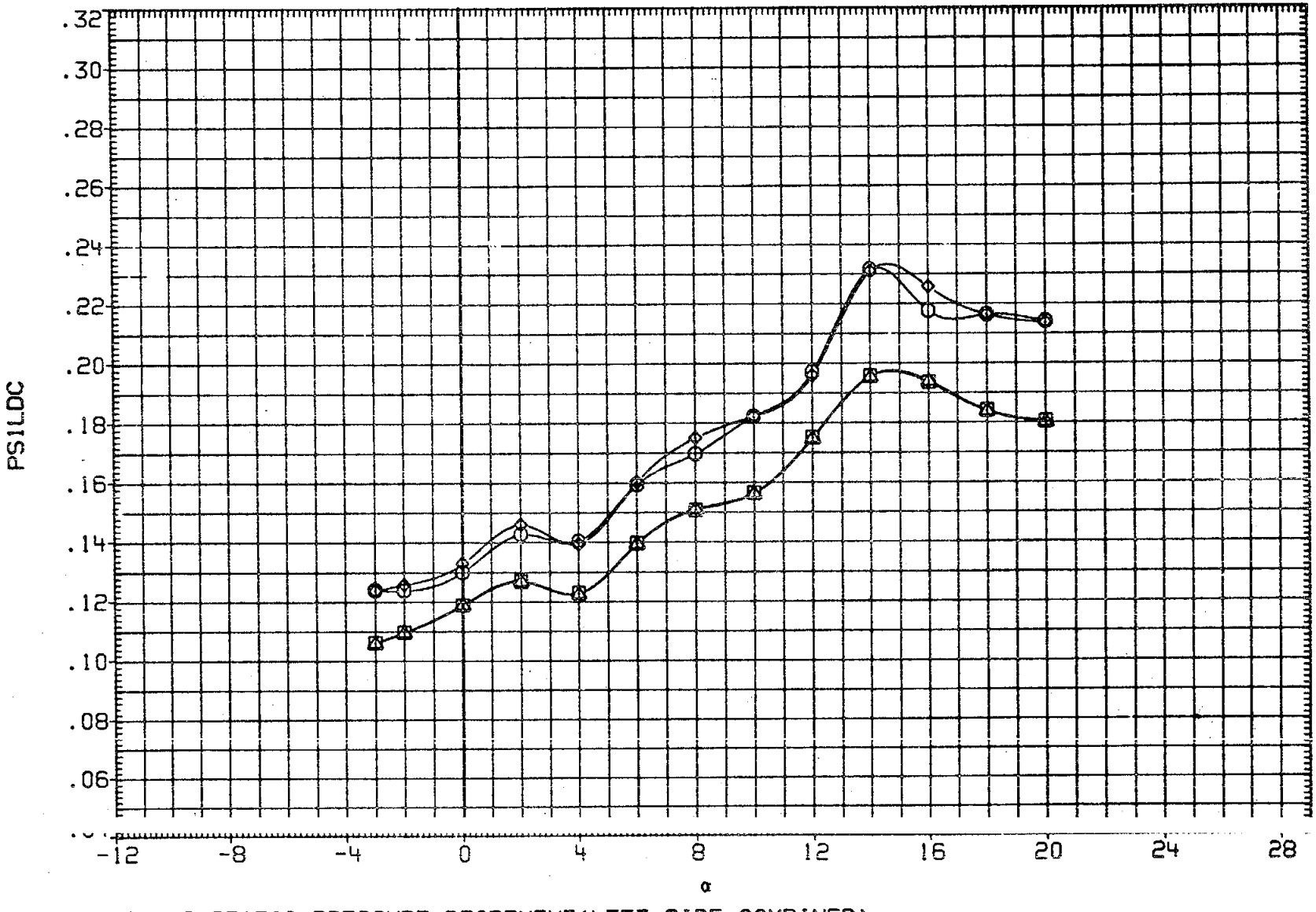


FIG. 8 STATIC PRESSURE DECREMENT(LEFT SIDE COMBINED)
USING 0.1S STATIC PRESSURE DATA

(B)MACH = 2.27

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

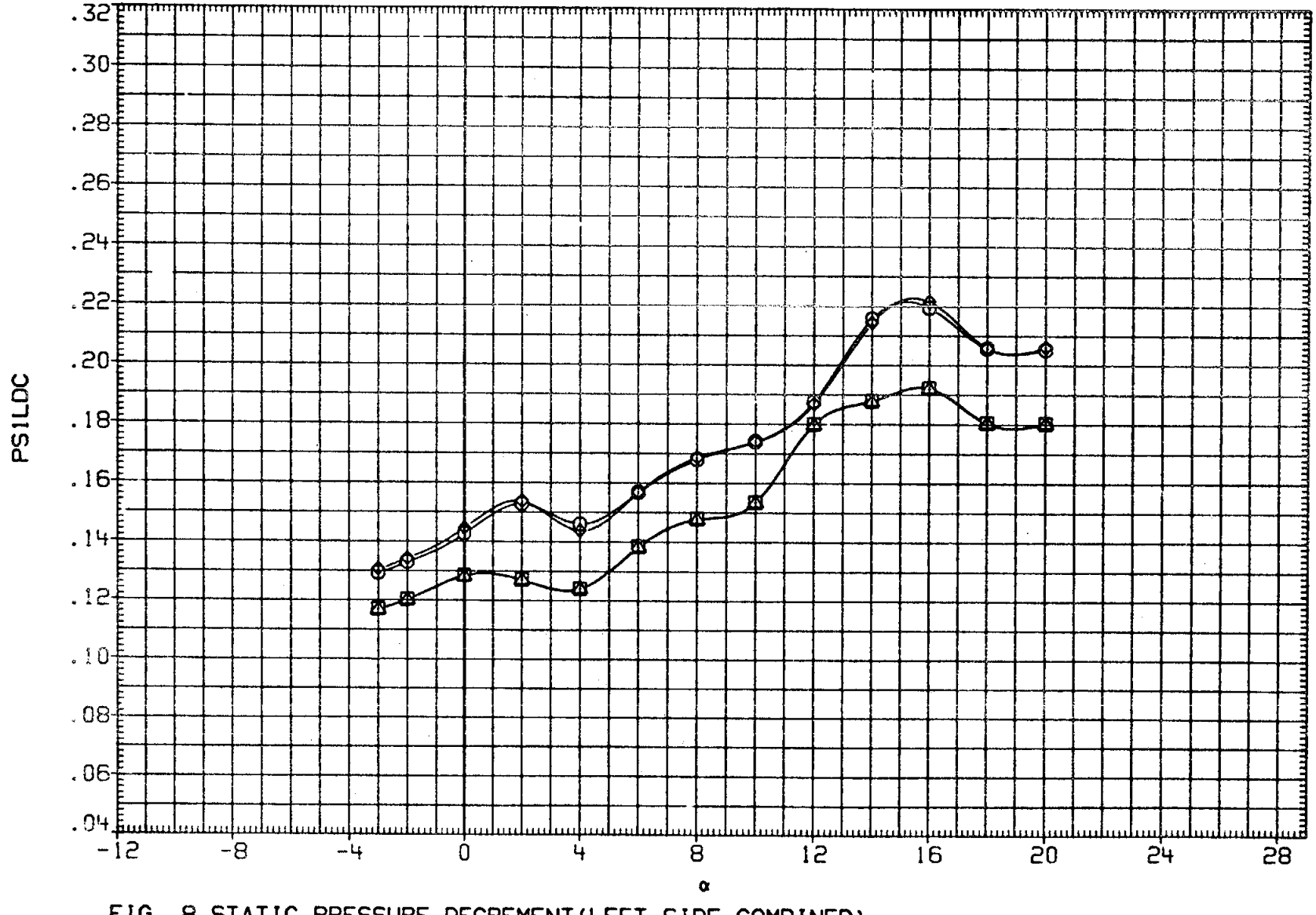


FIG. 8 STATIC PRESSURE DECREMENT(LEFT SIDE COMBINED)
USING 0.1S STATIC PRESSURE DATA

(C)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION					BETA	Q(PSF)	PHI
CGYBL1	○	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL2	□	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000
CGYBL3	◇	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL4	△	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000

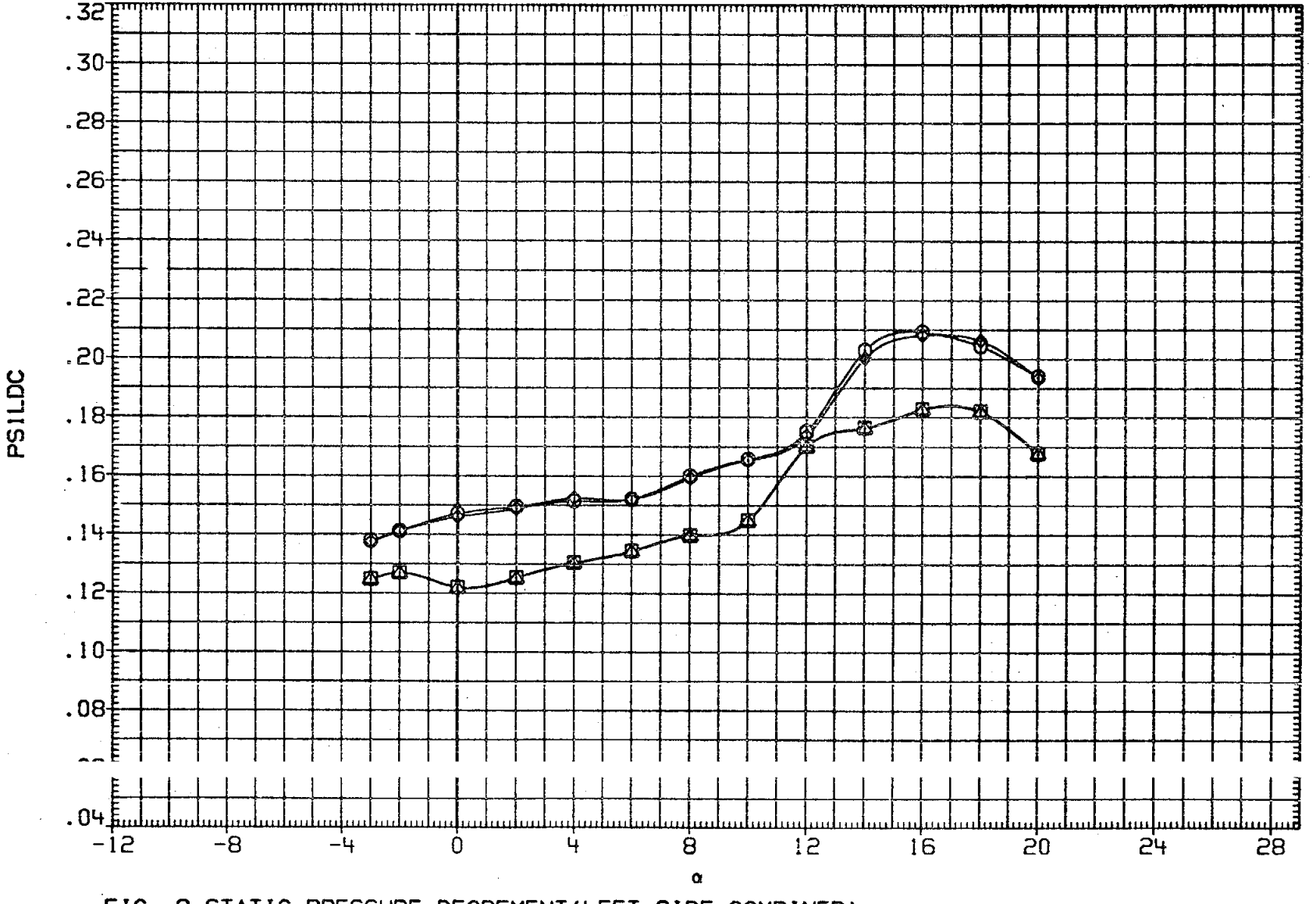


FIG. 8 STATIC PRESSURE DECREMENT(LEFT SIDE COMBINED)
USING 0.1S STATIC PRESSURE DATA

(D)MACH = 2.65

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

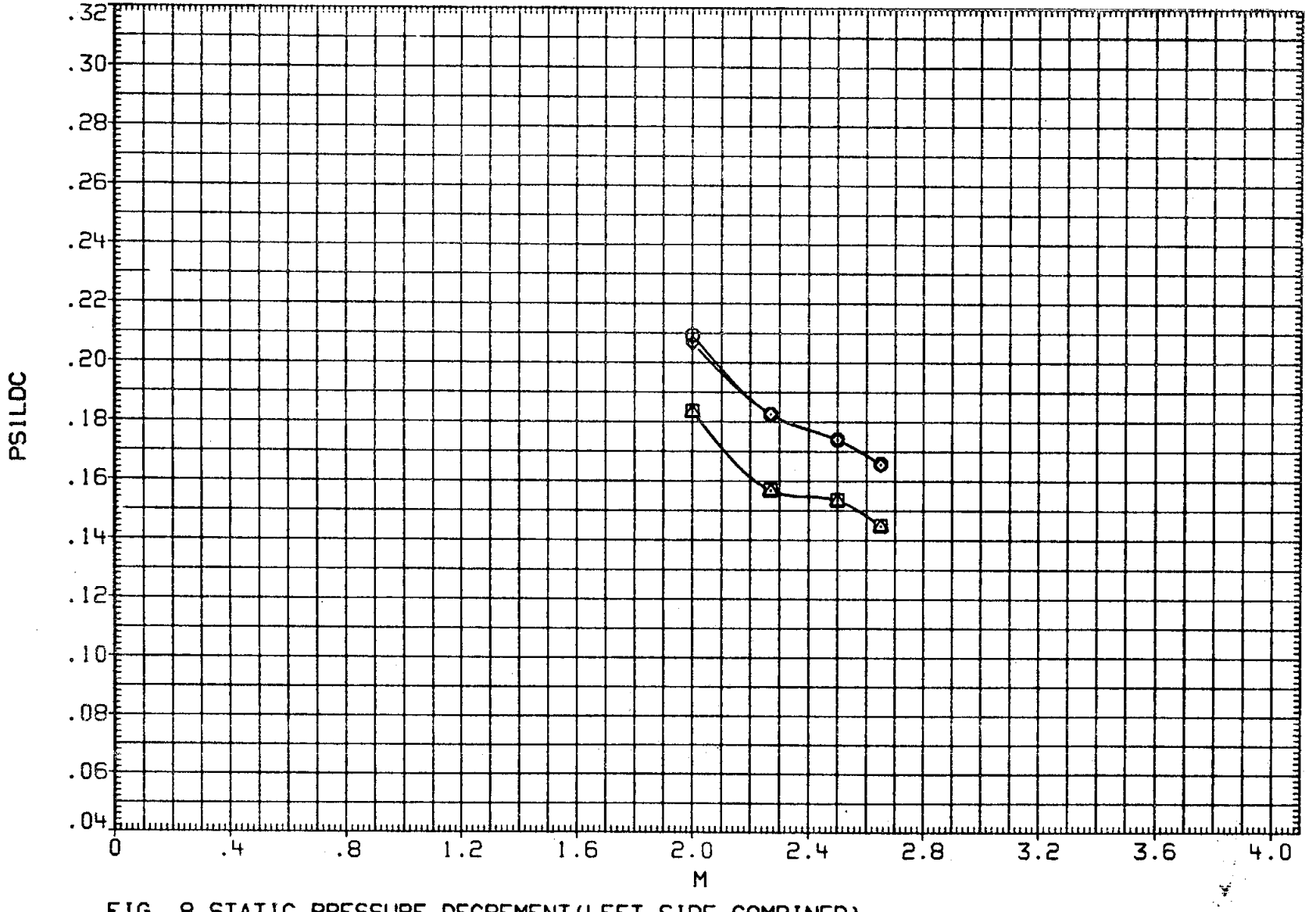


FIG. 8 STATIC PRESSURE DECREMENT(LEFT SIDE COMBINED)
USING 0.1S STATIC PRESSURE DATA

(A)ALPHA = 10.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

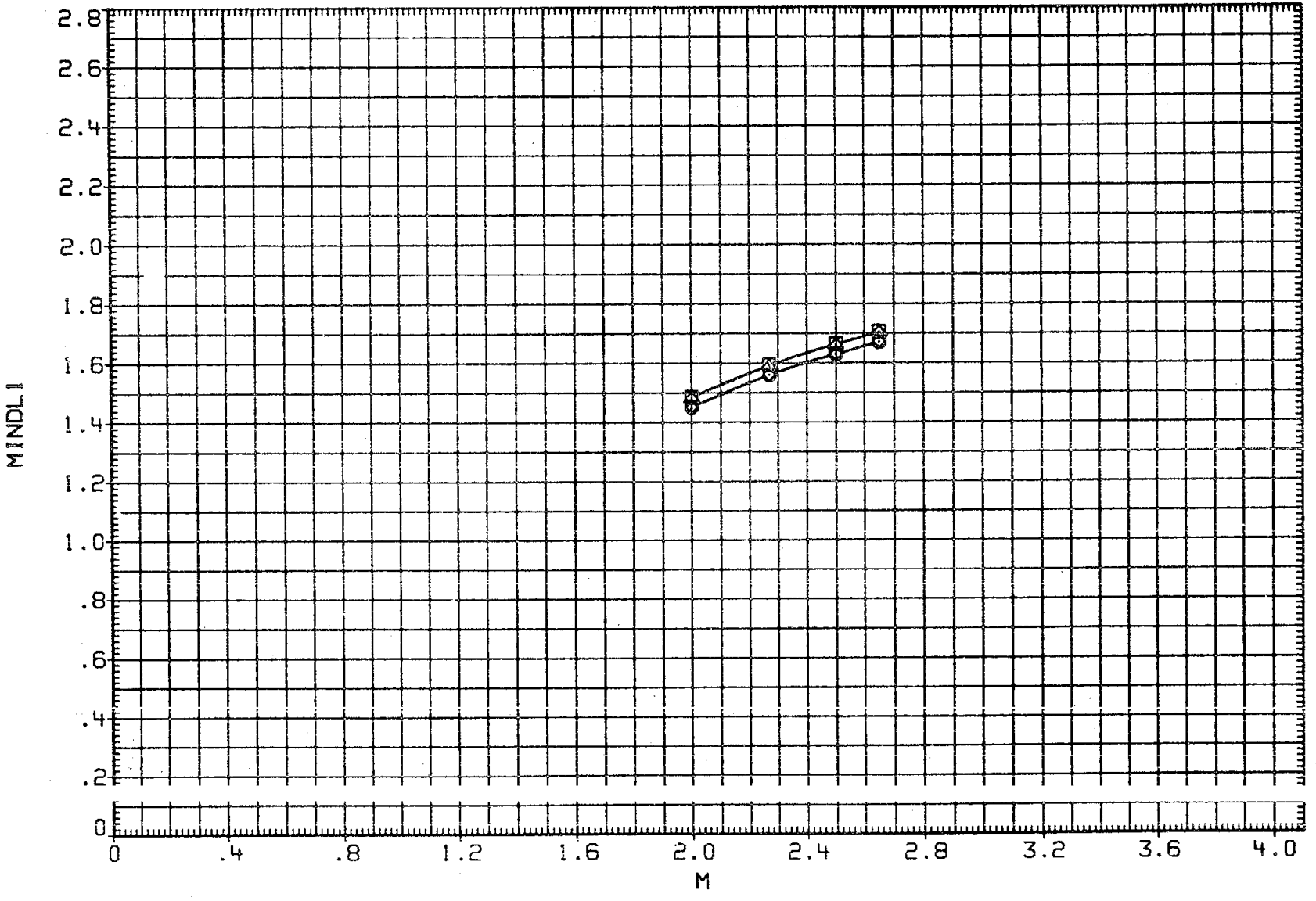


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES) USING 0.1S STATIC PRESSURE DATA

(A)ALPHA = 6.00

DATA SET	SYMBOL	CONFIGURATION					BETA	Q(PSF)	PHI
CGYBL1	○	0A234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL2	□	0A234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000
CGYBL3	◇	0A234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL4	△	0A234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000

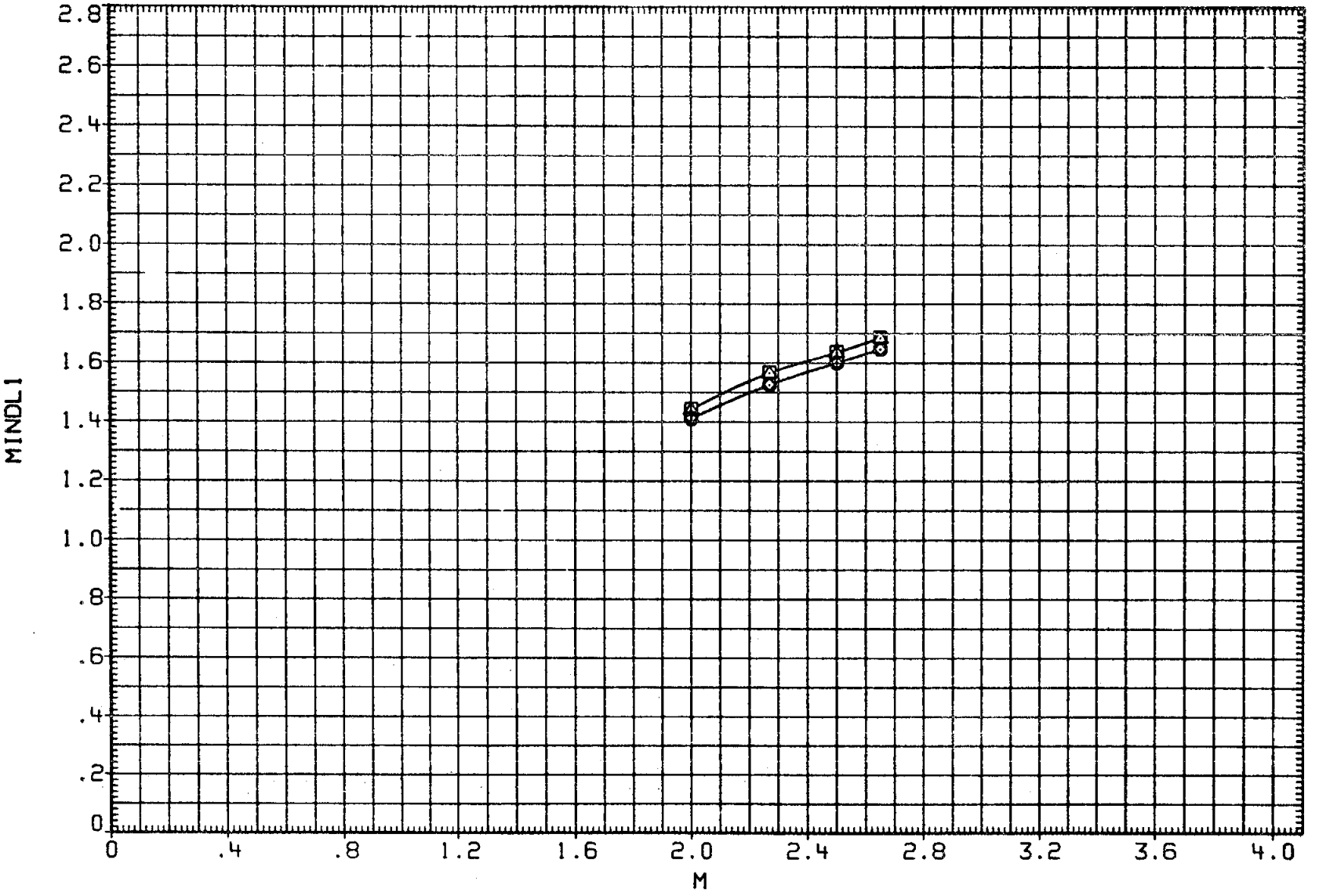


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES) USING 0.1S STATIC PRESSURE DATA

(B)ALPHA = 10.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

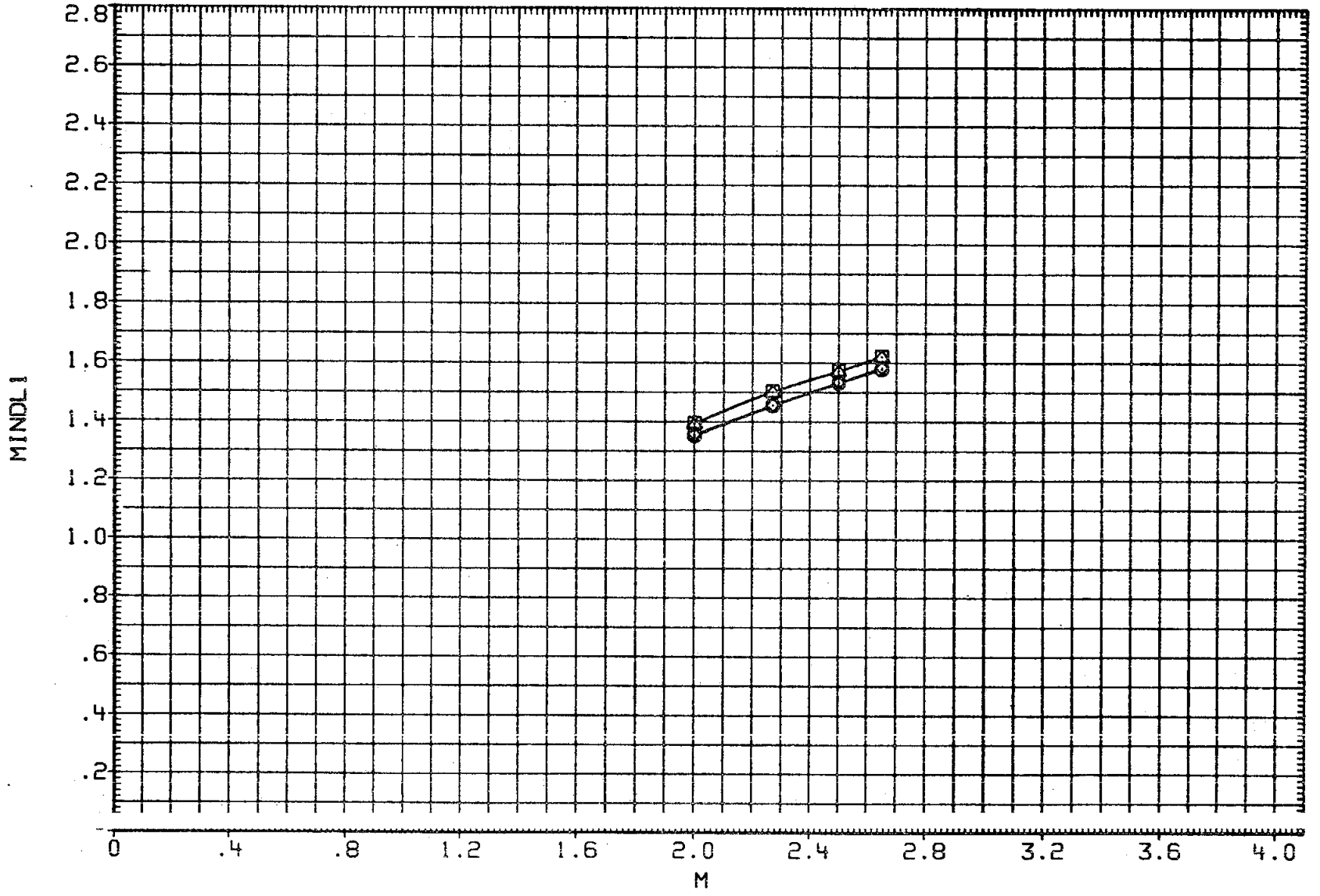


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES)
USING 0.1S STATIC PRESSURE DATA

(C)ALPHA = 14.00

DATA SET	SYMBOL	CONFIGURATION					BETA	Q(PSF)	PHI
CGYBL1	○	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL2	□	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000
CGYBL3	◇	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL4	△	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000

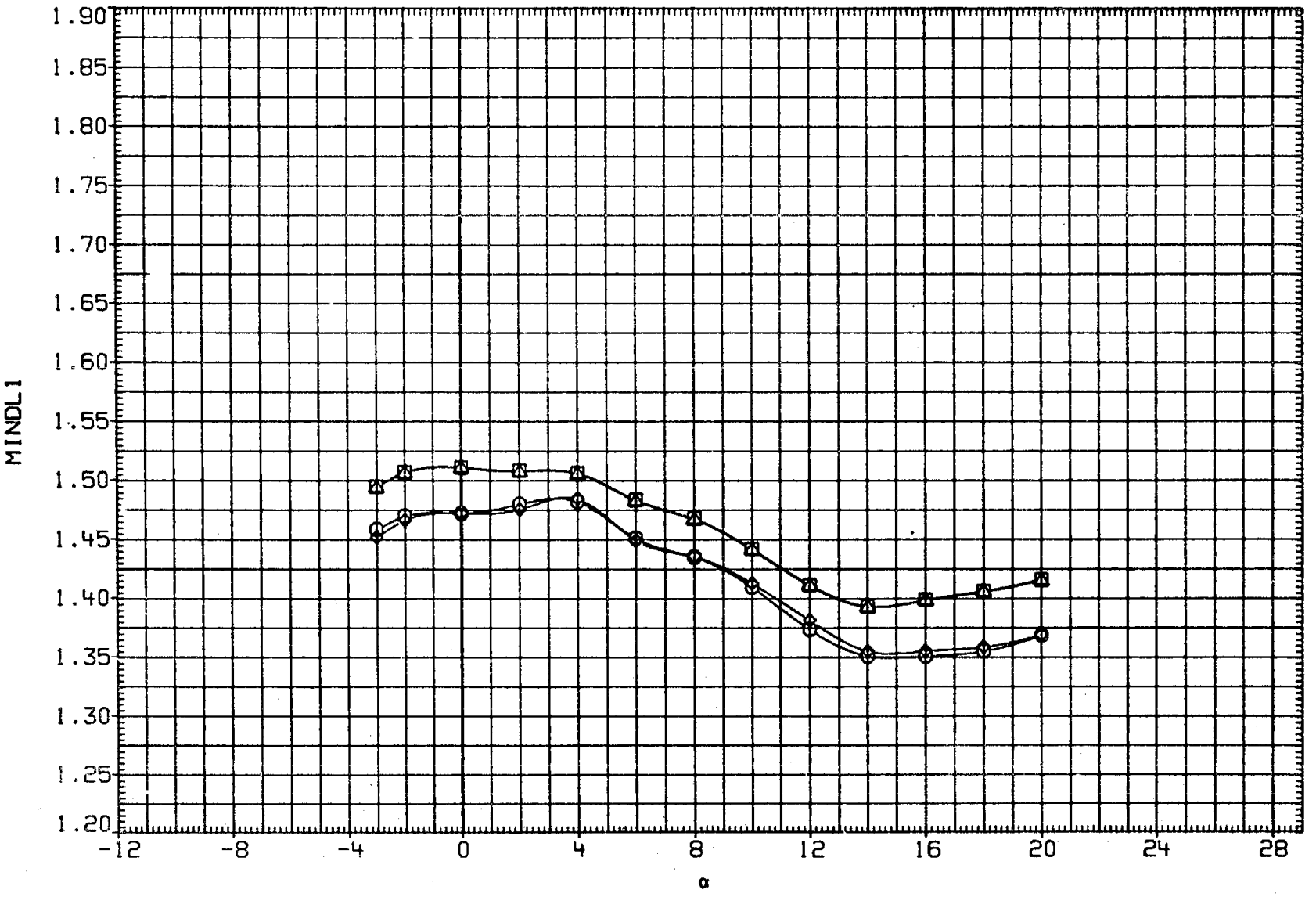


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES)
USING 0.1S STATIC PRESSURE DATA

(A)MACH = 2.00

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

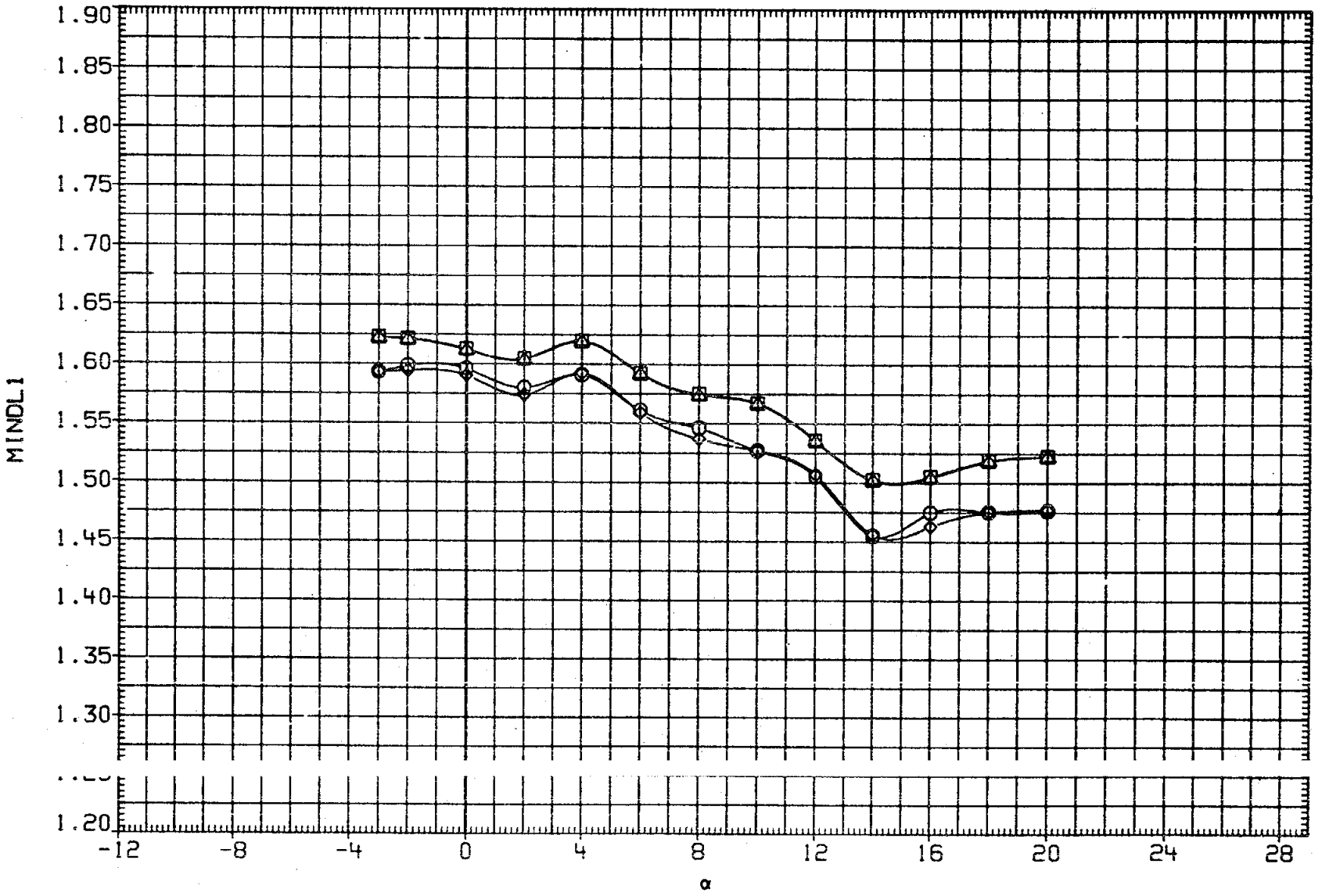


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES) USING 0.1S STATIC PRESSURE DATA

(B)MACH = 2.27

DATA SET	SYMBOL	CONFIGURATION					BETA	Q(PSF)	PHI
CGYBL1	○	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL2	□	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000
CGYBL3	◇	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		.000	500.000	.000
CGYBL4	△	OA234	LERC 10SWT 42	PROBE DATA	LEFT SIDE		2.000	500.000	.000

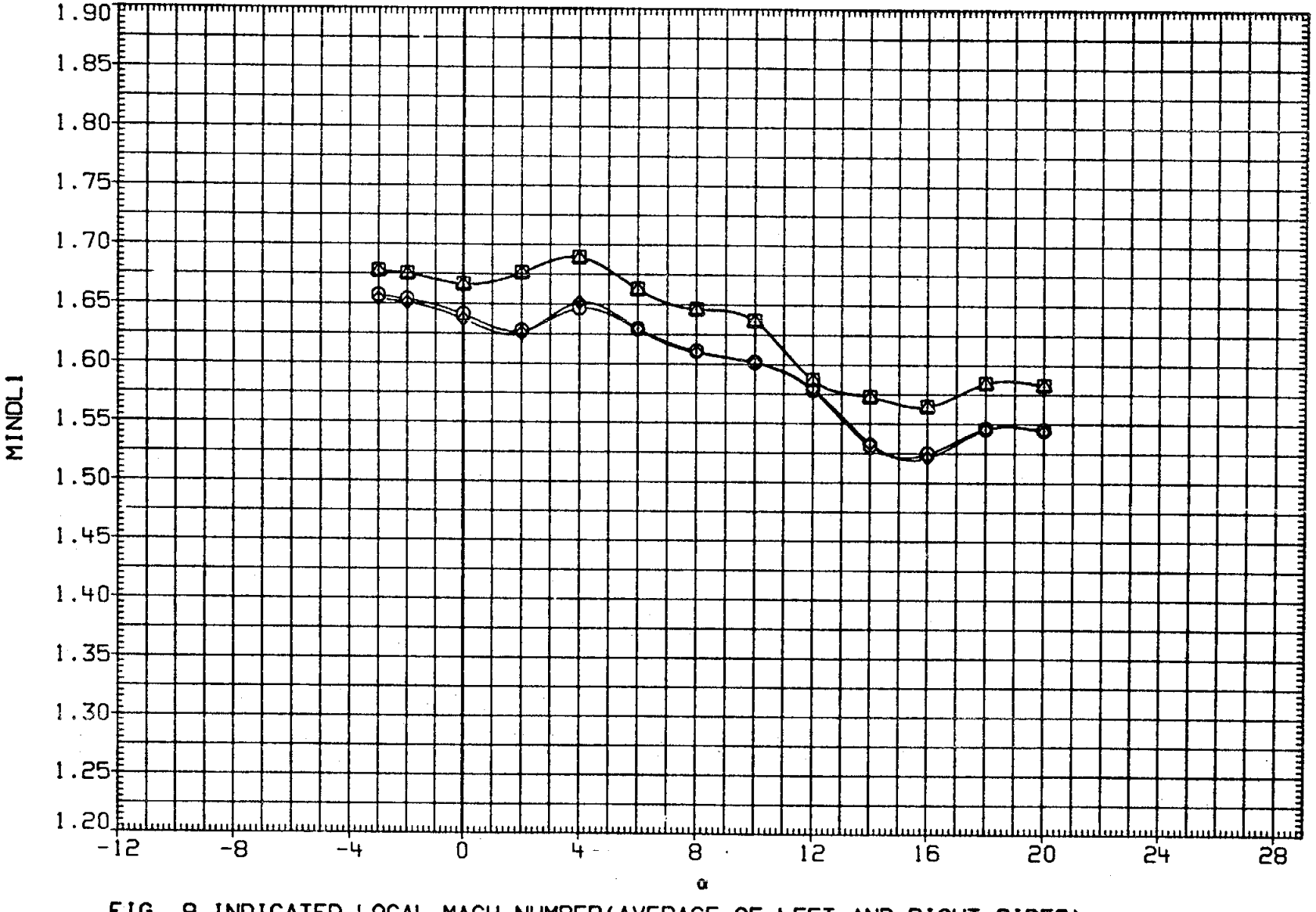


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES) USING 0.1S STATIC PRESSURE DATA

(C)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION	BETA	Q(PSF)	PHI
CGYBL1	○	OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL2	□	OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000
CGYBL3	◇	OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE	.000	500.000	.000
CGYBL4	△	OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE	2.000	500.000	.000

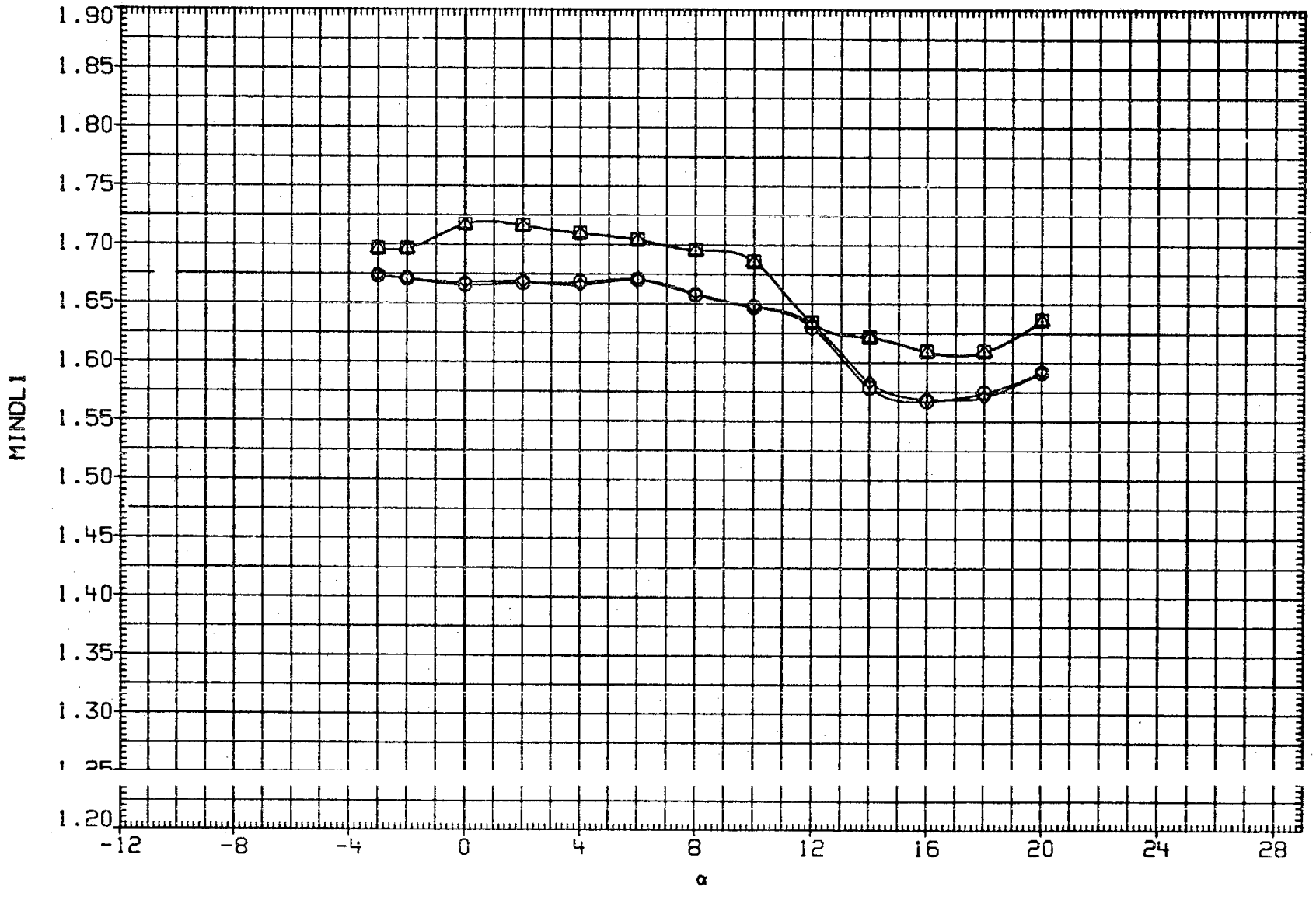


FIG. 9 INDICATED LOCAL MACH NUMBER(AVERAGE OF LEFT AND RIGHT SIDES) USING 0.1S STATIC PRESSURE DATA

(D)MACH = 2.65

0A234 LERC 10SWT 4' PROBE DATA LEFT SIDE (AGYBL1) (10 JUL 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 1/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.000	-3.000	.00000	497.37609	2.39509	177.37895	1388.25664	1.65754	557.71981	.00000
2.000	-2.000	.00000	497.78403	2.39506	177.52263	1389.41887	1.65754	558.40709	.00000
2.000	.000	.00000	497.88542	2.39502	177.55848	1389.72043	1.65753	559.09108	.00000
2.000	2.000	.00000	497.74936	2.39503	177.51552	1389.31772	1.65754	559.69663	.00000
2.000	4.000	.00000	497.88090	2.39505	177.56289	1389.69618	1.65753	560.36694	.00000
2.000	6.000	.00000	497.96143	2.39507	177.59317	1389.93349	1.65753	561.34435	.00000
2.000	8.000	.00000	497.85340	2.39508	177.55592	1389.63730	1.65753	561.79141	.00000
2.000	10.000	.00000	498.13482	2.39511	177.65611	1390.43132	1.65754	562.29082	.00000
2.000	12.000	.00000	498.16138	2.39513	177.66576	1390.51283	1.65752	562.60989	.00000
2.000	14.000	.00000	497.80282	2.39516	177.54122	1389.51535	1.65753	563.23798	.00000
2.000	16.000	.00000	497.76151	2.39520	177.52752	1389.40306	1.65753	563.69643	.00000
2.000	18.000	.00000	497.87548	2.39519	177.56899	1389.73535	1.65752	564.57121	.00000
2.000	20.000	.00000	497.97515	2.39511	177.60422	1390.02162	1.65752	564.85275	.00000
	GRADIENT	.00000	.04850	-.00000	.01807	.13813	-.00000	.36070	.00000

RUN NO. 2/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.270	-3.000	.00000	502.36153	2.45272	139.39766	1662.62657	1.69596	571.00811	.00000
2.270	-2.000	.00000	501.62364	2.45276	139.19235	1660.15135	1.69596	571.67410	.00000
2.270	.000	.00000	501.11967	2.45275	139.05239	1658.47214	1.69596	571.76054	.00000
2.270	2.000	.00000	502.79629	2.45276	139.51710	1664.05373	1.69595	572.12878	.00000
2.270	4.000	.00000	502.78689	2.45278	139.51453	1664.02080	1.69595	572.23002	.00000
2.270	6.000	.00000	502.76803	2.45280	139.50933	1663.95543	1.69595	572.32762	.00000
2.270	8.000	.00000	502.69906	2.45283	139.48903	1663.72076	1.69595	572.79128	.00000
2.270	10.000	.00000	502.70071	2.45285	139.48903	1663.71506	1.69596	573.27028	.00000
2.270	12.000	.00000	502.59946	2.45289	139.46039	1663.36963	1.69596	573.63194	.00000
2.270	14.000	.00000	502.75838	2.45294	139.50233	1663.89287	1.69596	574.43051	.00000
2.270	16.000	.00000	502.75331	2.45296	139.50080	1663.87372	1.69596	574.51293	.00000
2.270	18.000	.00000	502.61320	2.45296	139.46289	1663.41470	1.69596	574.10651	.00000
2.270	20.000	.00000	502.36059	2.45291	139.39272	1662.56764	1.69595	574.22691	.00000
	GRADIENT	.00000	.13020	.00001	.03597	.43120	-.00000	.15381	.00000

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL1) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 3/ 0 RN/L = 2.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.500	-3.000	.00000	498.18137	2.51894	113.96751	1945.19864	1.70105	577.48437	.00000
2.500	-2.000	.00000	498.19503	2.51897	113.97026	1945.25459	1.70103	577.26025	.00000
2.500	.000	.00000	498.39971	2.51903	114.01669	1946.05292	1.70035	577.04469	.00000
2.500	2.000	.00000	498.59235	2.51903	114.06105	1946.79935	1.69968	577.21456	.00000
2.500	4.000	.00000	498.34319	2.51897	114.00440	1945.83234	1.70051	577.52882	.00000
2.500	6.000	.00000	498.66265	2.51895	114.07782	1947.07745	1.69942	577.92945	.00000
2.500	8.000	.00000	498.28907	2.51889	113.99264	1945.62555	1.70067	578.09961	.00000
2.500	10.000	.00000	498.62622	2.51889	114.06993	1946.93857	1.69953	578.41536	.00000
2.500	12.000	.00000	498.61969	2.51887	114.06877	1946.90999	1.69953	578.53912	.00000
2.500	14.000	.00000	498.54750	2.51882	114.05273	1946.62636	1.69976	578.84803	.00000
2.500	16.000	.00000	498.54913	2.51876	114.05367	1946.63470	1.69973	579.29732	.00000
2.500	18.000	.00000	498.57433	2.51868	114.06024	1946.72702	1.69957	579.83282	.00000
2.500	20.000	.00000	498.35601	2.51869	114.01004	1945.88040	1.70031	579.67441	.00000
	GRADIENT	.00000	.03905	.00001	.00892	.15230	-.00013	.00806	.00000

RUN NO. 4/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.650	-3.000	.00000	438.36455	2.25921	89.34296	1921.52962	1.73174	577.17444	.00000
2.650	-2.000	.00000	438.39711	2.25928	89.35032	1921.66911	1.73174	577.06696	.00000
2.650	.000	.00000	438.41558	2.25933	89.35476	1921.74350	1.73169	576.99162	.00000
2.650	2.000	.00000	438.25803	2.25931	89.32304	1921.04117	1.73166	576.88219	.00000
2.650	4.000	.00000	438.60508	2.25952	89.39491	1922.57288	1.73169	576.88531	.00000
2.650	6.000	.00000	438.80008	2.25949	89.43468	1923.42578	1.73162	577.10626	.00000
2.650	8.000	.00000	438.98086	2.25953	89.47091	1924.23537	1.73170	577.24420	.00000
2.650	10.000	.00000	438.06947	2.25943	89.48839	1924.62056	1.73163	577.48630	.00000
2.650	12.000	.00000	438.93008	2.25940	89.45995	1924.00526	1.73164	577.41130	.00000
2.650	14.000	.00000	438.97334	2.25939	89.46871	1924.19771	1.73165	577.45420	.00000
2.650	16.000	.00000	439.11353	2.25941	89.49733	1924.81812	1.73165	577.57000	.00000
2.650	18.000	.00000	438.91624	2.25913	89.45484	1923.95680	1.73166	577.86767	.00000
2.650	20.000	.00000	439.01633	2.25927	89.47571	1924.40247	1.73170	577.79093	.00000
	GRADIENT	.00000	.01953	.00004	.00436	.08340	-.00001	-.04121	.00000

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL1) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 1/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.000	-3.000	.00000	1.57376	.21147	.20119
2.000	-2.000	.00000	1.60449	.21448	.20082
2.000	.000	.00000	1.65359	.22540	.21284
2.000	2.000	.00000	1.69841	.21081	.21898
2.000	4.000	.00000	1.73370	.23211	.22710
2.000	6.000	.00000	1.76344	.27502	.26259
2.000	8.000	.00000	1.78315	.31247	.28262
2.000	10.000	.00000	1.80014	.33888	.31136
2.000	12.000	.00000	1.80674	.35556	.34826
2.000	14.000	.00000	1.80782	.35643	.37099
2.000	16.000	.00000	1.80512	.37474	.37008
2.000	18.000	.00000	1.79733	.37298	.36333
2.000	20.000	.00000	1.78256	.36900	.34507
	GRADIENT	.00000	.02282	.00207	.00393

RUN NO. 2/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.270	-3.000	.00000	1.66168	.21370	.18354
2.270	-2.000	.00000	1.68902	.21251	.18643
2.270	.000	.00000	1.74324	.20717	.20090
2.270	2.000	.00000	1.78968	.21275	.22372
2.270	4.000	.00000	1.83228	.22765	.22585
2.270	6.000	.00000	1.86310	.27321	.25641
2.270	8.000	.00000	1.88641	.31976	.27401
2.270	10.000	.00000	1.90159	.34109	.29344
2.270	12.000	.00000	1.91427	.35814	.31544
2.270	14.000	.00000	1.91747	.36710	.36073
2.270	16.000	.00000	1.91601	.37407	.34263
2.270	18.000	.00000	1.90588	.37744	.33922
2.270	20.000	.00000	1.88926	.36974	.33337
	GRADIENT	.00000	.02446	.00168	.00681

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL1) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 3/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.500	-3.000	.00000	1.75744	.21422	.20084
2.500	-2.000	.00000	1.78731	.21426	.20946
2.500	.000	.00000	1.84027	.21961	.22941
2.500	2.000	.00000	1.89320	.22497	.25074
2.500	4.000	.00000	1.93483	.24709	.24631
2.500	6.000	.00000	1.97120	.27081	.26688
2.500	8.000	.00000	1.99956	.30170	.28727
2.500	10.000	.00000	2.02015	.32627	.29929
2.500	12.000	.00000	2.03179	.34766	.32082
2.500	14.000	.00000	2.03640	.36644	.36110
2.500	16.000	.00000	2.02093	.36658	.36501
2.500	18.000	.00000	2.01923	.36965	.34435
2.500	20.000	.00000	2.00357	.36969	.34114
	GRADIENT	.00000	.02549	.00436	.00725

RUN NO. 4/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.650	-3.000	.00000	1.78635	.20716	.21620
2.650	-2.000	.00000	1.81852	.20854	.22463
2.650	.000	.00000	1.87924	.21400	.24081
2.650	2.000	.00000	1.93332	.22274	.25121
2.650	4.000	.00000	1.97519	.24980	.25959
2.650	6.000	.00000	2.00945	.26039	.26525
2.650	8.000	.00000	2.04285	.28069	.28157
2.650	10.000	.00000	2.05828	.30046	.29252
2.650	12.000	.00000	2.07426	.32847	.30907
2.650	14.000	.00000	2.07618	.35390	.35012
2.650	16.000	.00000	2.07207	.35637	.35835
2.650	18.000	.00000	2.05632	.34826	.34881
2.650	20.000	.00000	2.04398	.33616	.33198
	GRADIENT	.00000	.02722	.00566	.00623

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL1) (10 JUL 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 1/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.000	-3.000	.00000	-.63186	.15523	1.44625	.14658	1.45902
2.000	-2.000	.00000	-.59719	.15430	1.45361	.14307	1.47049
2.000	.000	.00000	-.54687	.15782	1.45765	.14772	1.47286
2.000	2.000	.00000	-.49486	.14171	1.49063	.14801	1.48072
2.000	4.000	.00000	-.46676	.15458	1.47688	.15073	1.48281
2.000	6.000	.00000	-.45093	.18477	1.43761	.17496	1.45154
2.000	8.000	.00000	-.44297	.21247	1.40349	.18835	1.43571
2.000	10.000	.00000	-.43421	.23191	1.38157	.20914	1.41027
2.000	12.000	.00000	-.43269	.24501	1.36678	.23878	1.37416
2.000	14.000	.00000	-.43188	.24558	1.36625	.25820	1.35171
2.000	16.000	.00000	-.44012	.26199	1.34709	.25789	1.35171
2.000	18.000	.00000	-.44747	.26186	1.34622	.25337	1.35583
2.000	20.000	.00000	-.46135	.26105	1.34520	.24005	1.36935
	GRADIENT	.00000	.02380	-.00077	.00542	.00079	.00309

RUN NO. 2/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.270	-3.000	.00000	-.94647	.14759	1.54990	.12417	1.59294
2.270	-2.000	.00000	-.90962	.14393	1.56110	.12407	1.59817
2.270	.000	.00000	-.83904	.13487	1.58699	.13026	1.59579
2.270	2.000	.00000	-.78789	.13492	1.59462	.14286	1.57965
2.270	4.000	.00000	-.74773	.14187	1.58816	.14059	1.59059
2.270	6.000	.00000	-.73527	.17184	1.53929	.15959	1.56043
2.270	8.000	.00000	-.73130	.20410	1.49093	.16994	1.54570
2.270	10.000	.00000	-.72443	.21857	1.47143	.18247	1.52679
2.270	12.000	.00000	-.71831	.23015	1.45652	.19730	1.50478
2.270	14.000	.00000	-.71892	.23678	1.44775	.23172	1.45470
2.270	16.000	.00000	-.72379	.24260	1.43974	.21777	1.47429
2.270	18.000	.00000	-.73681	.24694	1.43287	.21653	1.47490
2.270	20.000	.00000	-.75206	.24333	1.43581	.21426	1.47622
	GRADIENT	.00000	.02860	-.00103	.00591	.00290	-.00137

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL1) (10 JUL 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 3/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.500	-3.000	.00000	-1.24311	.13882	1.63593	.12902	1.65646
2.500	-2.000	.00000	-1.20055	.13621	1.64588	.13275	1.65316
2.500	.000	.00000	-1.13261	.13550	1.65519	.14242	1.64072
2.500	2.000	.00000	-1.06857	.13486	1.66411	.15266	1.62715
2.500	4.000	.00000	-1.03156	.14640	1.64529	.14587	1.64639
2.500	6.000	.00000	-1.00249	.15926	1.62385	.15659	1.62916
2.500	8.000	.00000	-.98729	.17770	1.59204	.16777	1.61066
2.500	10.000	.00000	-.97746	.19262	1.56759	.17392	1.60134
2.500	12.000	.00000	-.97619	.20643	1.54535	.18751	1.57780
2.500	14.000	.00000	-.98171	.21943	1.52479	.21554	1.53098
2.500	16.000	.00000	-.99070	.22052	1.52237	.21937	1.52418
2.500	18.000	.00000	-1.00424	.22408	1.51587	.20559	1.54548
2.500	20.000	.00000	-1.02349	.22626	1.51101	.20520	1.54454
	GRADIENT	.00000	.03056	.00086	.00185	.00292	-.00246

RUN NO. 4/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.650	-3.000	.00000	-1.51548	.13118	1.68732	.13770	1.67284
2.650	-2.000	.00000	-1.46652	.12953	1.69575	.14093	1.67029
2.650	.000	.00000	-1.38138	.12851	1.70663	.14697	1.66531
2.650	2.000	.00000	-1.31314	.13021	1.70989	.14934	1.66697
2.650	4.000	.00000	-1.27761	.14478	1.68196	.15131	1.66773
2.650	6.000	.00000	-1.24073	.14887	1.67698	.15208	1.67004
2.650	8.000	.00000	-1.21258	.15929	1.65843	.15986	1.65723
2.650	10.000	.00000	-1.20679	.17093	1.63626	.16566	1.64689
2.650	12.000	.00000	-1.20594	.18815	1.60466	.17509	1.62963
2.650	14.000	.00000	-1.22129	.20548	1.57365	.20284	1.57827
2.650	16.000	.00000	-1.22838	.20771	1.56942	.20911	1.56702
2.650	18.000	.00000	-1.24311	.20389	1.57461	.20428	1.57394
2.650	20.000	.00000	-1.25052	.19684	1.58592	.19392	1.59117
	GRADIENT	.00000	.03456	.00165	-.00007	.00194	-.00070

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 5/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.000	-3.000	2.00000	498.49607	2.29049	177.82104	1391.67332	1.65750	580.63277	.00000
2.000	-2.000	2.00000	497.46695	2.29050	177.45821	1388.78607	1.65749	580.35030	.00000
2.000	.000	2.00000	497.39586	2.29054	177.43189	1388.59404	1.65749	580.31385	.00000
2.000	2.000	2.00000	497.57287	2.29054	177.49546	1389.08415	1.65749	580.40838	.00000
2.000	4.000	2.00000	497.48873	2.29048	177.46371	1388.84618	1.65750	579.71078	.00000
2.000	6.000	2.00000	497.63886	2.29049	177.51793	1389.26917	1.65750	580.16763	.00000
2.000	8.000	2.00000	497.60881	2.29046	177.50718	1389.18690	1.65750	580.15335	.00000
2.000	10.000	2.00000	497.66010	2.29046	177.52484	1389.32820	1.65749	579.95780	.00000
2.000	12.000	2.00000	497.54774	2.29047	177.48508	1389.02086	1.65749	580.18641	.00000
2.000	14.000	2.00000	497.60825	2.29044	177.50720	1389.17880	1.65750	580.01392	.00000
2.000	16.000	2.00000	497.40434	2.29045	177.43552	1388.61142	1.65749	580.14812	.00000
2.000	18.000	2.00000	497.38564	2.29047	177.42901	1388.55980	1.65749	580.28508	.00000
2.000	20.000	2.00000	497.38524	2.29048	177.42914	1388.56247	1.65750	580.46082	.00000
	GRADIENT	.00000	-.09163	.00000	-.03256	-.25719	.00000	-.09824	.00000

RUN NO. 6/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.270	-3.000	2.00000	503.02942	2.38930	139.55896	1664.63600	1.69598	584.67872	.00000
2.270	-2.000	2.00000	503.46664	2.38928	139.67932	1666.09955	1.69597	584.66959	.00000
2.270	.000	2.00000	502.88812	2.38929	139.51948	1664.18144	1.69598	584.22758	.00000
2.270	2.000	2.00000	503.34199	2.38927	139.64560	1665.69011	1.69598	584.29498	.00000
2.270	4.000	2.00000	503.01741	2.38926	139.55471	1664.60670	1.69598	584.55476	.00000
2.270	6.000	2.00000	503.20816	2.38925	139.60724	1665.23300	1.69597	584.89988	.00000
2.270	8.000	2.00000	503.15917	2.38923	139.59380	1665.07147	69598	584.82343	.00000
2.270	10.000	2.00000	503.11061	2.38924	139.57937	1664.90401	.69598	585.31572	.00000
2.270	12.000	2.00000	502.81296	2.38922	139.49814	1663.92522	1.69597	584.50524	.00000
2.270	14.000	2.00000	503.31720	2.38922	139.63709	1665.59467	1.69597	585.12893	.00000
2.270	16.000	2.00000	503.30449	2.38922	139.63272	1665.54771	1.69598	585.40604	.00000
2.270	18.000	2.00000	503.28927	2.38920	139.63019	1665.51228	1.69598	584.57961	.00000
2.270	20.000	2.00000	503.24261	2.38921	139.61547	1665.34200	1.69597	585.41702	.00000
	GRADIENT	.00000	-.01270	-.00001	-.00357	-.04094	.00000	-.03206	.00000

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 7/ 0 RN/L = 2.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.500	-3.000	2.00000	498.91262	2.53881	114.12537	1948.08470	1.65004	571.25647	.00000
2.500	-2.000	2.00000	498.74210	2.53868	114.08814	1947.40425	1.65048	572.19920	.00000
2.500	.000	2.00000	498.77685	2.53877	114.09462	1947.55348	1.65049	571.47853	.00000
2.500	2.000	2.00000	498.57346	2.53849	114.05133	1946.73965	1.65097	573.49156	.00000
2.500	4.000	2.00000	498.28555	2.53845	113.98563	1945.62326	1.65192	573.70744	.00000
2.500	6.000	2.00000	497.66701	2.53837	113.84477	1943.21602	1.65395	573.91039	.00000
2.500	8.000	2.00000	497.89365	2.53829	113.89738	1944.09729	1.65317	574.67702	.00000
2.500	10.000	2.00000	497.83025	2.53818	113.88433	1943.84360	1.65332	575.59747	.00000
2.500	12.000	2.00000	498.04443	2.53816	113.93342	1944.67508	1.65259	575.86485	.00000
2.500	14.000	2.00000	497.91353	2.53799	113.90582	1944.15363	1.65293	577.21415	.00000
2.500	16.000	2.00000	497.73338	2.53795	113.86469	1943.45448	1.65352	577.34632	.00000
2.500	18.000	2.00000	497.78413	2.53793	113.87648	1943.65251	1.65337	577.55218	.00000
2.500	20.000	2.00000	497.89524	2.53775	113.90419	1944.07205	1.65289	579.06031	.00000
	GRADIENT	.00000	-.07900	-.00005	-.01757	-.31010	.00024	.34203	.00000

RUN NO. 8/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.650	-3.000	2.00000	438.29697	2.30730	89.33136	1921.20506	1.72858	576.46257	.00000
2.650	-2.000	2.00000	437.76816	2.30708	89.22182	1918.88463	1.72867	576.45853	.00000
2.650	.000	2.00000	438.40081	2.30746	89.35403	1921.65593	1.72856	576.26921	.00000
2.650	2.000	2.00000	437.70370	2.30644	89.20168	1918.63937	1.72887	577.63266	.00000
2.650	4.000	2.00000	438.04594	2.30653	89.27119	1920.15651	1.72889	577.82792	.00000
2.650	6.000	2.00000	438.27561	2.30696	89.32164	1921.16501	1.72890	577.27915	.00000
2.650	8.000	2.00000	438.32278	2.30645	89.32578	1921.39676	1.72899	578.29961	.00000
2.650	10.000	2.00000	438.30483	2.30664	89.32429	1921.30780	1.72894	577.98563	.00000
2.650	12.000	2.00000	438.23961	2.30622	89.30674	1921.03526	1.72901	578.70898	.00000
2.650	14.000	2.00000	438.06857	2.30634	89.27351	1920.27408	1.72900	578.41196	.00000
2.650	16.000	2.00000	438.16615	2.30619	89.29114	1920.72200	1.72907	578.81007	.00000
2.650	18.000	2.00000	438.37058	2.30628	89.33365	1921.61804	1.72904	578.83551	.00000
2.650	20.000	2.00000	438.03886	2.30579	89.26154	1920.17494	1.72914	579.47851	.00000
	GRADIENT	.00000	-.02680	-.00012	-.00688	-.10939	.00005	.22384	.00000

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 5/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.000	-3.000	2.00000	1.56248	.17367	.16936
2.000	-2.000	2.00000	1.59128	.17176	.16817
2.000	.000	2.00000	1.63925	.16923	.17784
2.000	2.000	2.00000	1.68121	.18273	.19121
2.000	4.000	2.00000	1.72057	.20994	.20364
2.000	6.000	2.00000	1.75014	.26988	.23051
2.000	8.000	2.00000	1.76828	.30627	.24936
2.000	10.000	2.00000	1.78357	.31657	.27646
2.000	12.000	2.00000	1.79187	.34398	.30730
2.000	14.000	2.00000	1.79154	.35142	.32434
2.000	16.000	2.00000	1.78043	.33503	.31811
2.000	18.000	2.00000	1.77960	.32409	.30832
2.000	20.000	2.00000	1.76498	.31221	.29469
	GRADIENT	.00000	.02243	.00485	.00520

RUN NO. 6/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.270	-3.000	2.00000	1.63067	.16029	.15688
2.270	-2.000	2.00000	1.66033	.16037	.16436
2.270	.000	2.00000	1.71329	.16929	.18237
2.270	2.000	2.00000	1.75889	.17475	.19843
2.270	4.000	2.00000	1.79854	.19774	.19724
2.270	6.000	2.00000	1.83215	.23679	.22474
2.270	8.000	2.00000	1.85495	.26467	.24343
2.270	10.000	2.00000	1.87153	.28972	.25358
2.270	12.000	2.00000	1.87498	.30456	.27969
2.270	14.000	2.00000	1.87502	.30620	.30725
2.270	16.000	2.00000	1.87188	.31855	.30385
2.270	18.000	2.00000	1.85875	.31839	.28927
2.270	20.000	2.00000	1.84345	.30985	.28212
	GRADIENT	.00000	.02399	.00507	.00630

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 7/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.500	-3.000	2.00000	1.71983	.16462	.17987
2.500	-2.000	2.00000	1.75011	.16599	.18764
2.500	.000	2.00000	1.80902	.17986	.20564
2.500	2.000	2.00000	1.85431	.18926	.20889
2.500	4.000	2.00000	1.89852	.21558	.20926
2.500	6.000	2.00000	1.93272	.23592	.23456
2.500	8.000	2.00000	1.95868	.24750	.25194
2.500	10.000	2.00000	1.97561	.28052	.26273
2.500	12.000	2.00000	1.98588	.29758	.30269
2.500	14.000	2.00000	1.98471	.31719	.31361
2.500	16.000	2.00000	1.98057	.31293	.31920
2.500	18.000	2.00000	1.97200	.31286	.30119
2.500	20.000	2.00000	1.95514	.30728	.29852
	GRADIENT	.00000	.02551	.00707	.00432

RUN NO. 8/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.650	-3.000	2.00000	1.74632	.16598	.19354
2.650	-2.000	2.00000	1.77929	.16852	.20023
2.650	.000	2.00000	1.84113	.17608	.20000
2.650	2.000	2.00000	1.88953	.17867	.21026
2.650	4.000	2.00000	1.93087	.20377	.22256
2.650	6.000	2.00000	1.96214	.22023	.23234
2.650	8.000	2.00000	1.99104	.23650	.24391
2.650	10.000	2.00000	2.00551	.26526	.25346
2.650	12.000	2.00000	2.01641	.27613	.29299
2.650	14.000	2.00000	2.01650	.31126	.30228
2.650	16.000	2.00000	2.01699	.30654	.31162
2.650	18.000	2.00000	2.00300	.30334	.30834
2.650	20.000	2.00000	1.99270	.29214	.28615
	GRADIENT	.00000	.02645	.00484	.00379

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL2) (10 JUL 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 5/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.000	-3.000	2.00000	-.62827	.12505	1.49004	.12157	1.49568
2.000	-2.000	2.00000	-.59436	.12100	1.50281	.11817	1.50752
2.000	.000	2.00000	-.54132	.11512	1.52286	.12169	1.51170
2.000	2.000	2.00000	-.50304	.12195	1.51974	.12833	1.50901
2.000	4.000	2.00000	-.47293	.13897	1.49903	.13425	1.50674
2.000	6.000	2.00000	-.46266	.18232	1.43887	.15168	1.48414
2.000	8.000	2.00000	-.45603	.20949	1.40508	.16417	1.46814
2.000	10.000	2.00000	-.44406	.21579	1.39924	.18344	1.44258
2.000	12.000	2.00000	-.44420	.23758	1.37353	.20700	1.41181
2.000	14.000	2.00000	-.44680	.24402	1.36585	.22106	1.39372
2.000	16.000	2.00000	-.44486	.23052	1.38158	.21636	1.39922
2.000	18.000	2.00000	-.45028	.22266	1.39002	.20956	1.40667
2.000	20.000	2.00000	-.46120	.21490	1.39765	.20043	1.41646
	GRADIENT	.00000	.02206	.00178	.00161	.00207	.00112

RUN NO. 6/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.270	-3.000	2.00000	-.95289	.10901	1.61703	.10645	1.62227
2.270	-2.000	2.00000	-.91436	.10692	1.62726	.10987	1.62117
2.270	.000	2.00000	-.85397	.10964	1.63182	.11912	1.61243
2.270	2.000	2.00000	-.80355	.11031	1.63886	.12716	1.60456
2.270	4.000	2.00000	-.77041	.12353	1.61851	.12318	1.61923
2.270	6.000	2.00000	-.75197	.14843	1.57602	.13982	1.59208
2.270	8.000	2.00000	-.74002	.16643	1.54742	.15105	1.57462
2.270	10.000	2.00000	-.73350	.18316	1.52178	.15673	1.56677
2.270	12.000	2.00000	-.73663	.19393	1.50511	.17532	1.53512
2.270	14.000	2.00000	-.73736	.19518	1.50319	.19598	1.50195
2.270	16.000	2.00000	-.74673	.20507	1.48771	.19378	1.50497
2.270	18.000	2.00000	-.76155	.20670	1.48364	.18431	1.51824
2.270	20.000	2.00000	-.77487	.20204	1.48866	.18069	1.52203
	GRADIENT	.00000	.02615	.00189	.00059	.00277	-.00119

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 7/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.500	-3.000	2.00000	-1.25776	.10585	1.70236	.11680	1.67710
2.500	-2.000	2.00000	-1.21567	.10478	1.71027	.12009	1.67482
2.500	.000	2.00000	-1.14593	.11040	1.70682	.12826	1.66617
2.500	2.000	2.00000	-1.09399	.11367	1.70631	.12695	1.67584
2.500	4.000	2.00000	-1.05610	.12810	1.67971	.12388	1.68925
2.500	6.000	2.00000	-1.02763	.13904	1.66052	.13812	1.66248
2.500	8.000	2.00000	-1.00352	.14464	1.65205	.14762	1.64585
2.500	10.000	2.00000	-1.00305	.16549	1.61226	.15339	1.63614
2.500	12.000	2.00000	-1.00100	.17626	1.59317	.17983	1.58663
2.500	14.000	2.00000	-1.01415	.19022	1.56801	.18766	1.57249
2.500	16.000	2.00000	-1.01657	.18765	1.57206	.19213	1.56424
2.500	18.000	2.00000	-1.02694	.18857	1.56951	.18026	1.58429
2.500	20.000	2.00000	-1.04418	.18647	1.57131	.18019	1.58250
	GRADIENT	.00000	.02884	.00305	-.00296	.00109	.00156

RUN NO. 8/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.650	-3.000	2.00000	-1.53967	.10503	1.74371	.12464	1.69620
2.650	-2.000	2.00000	-1.49012	.10462	1.75025	.12680	1.69625
2.650	.000	2.00000	-1.40439	.10575	1.75721	.12187	1.71696
2.650	2.000	2.00000	-1.33857	.10443	1.76816	.12521	1.71586
2.650	4.000	2.00000	-1.30206	.11798	1.73921	.13028	1.70943
2.650	6.000	2.00000	-1.27304	.12643	1.72266	.13432	1.70403
2.650	8.000	2.00000	-1.24745	.13480	1.70653	.13961	1.69548
2.650	10.000	2.00000	-1.24935	.15243	1.66886	.14467	1.68582
2.650	12.000	2.00000	-1.24309	.15867	1.65688	.17001	1.63376
2.650	14.000	2.00000	-1.26856	.18253	1.60952	.17634	1.62135
2.650	16.000	2.00000	-1.26444	.17921	1.61588	.18273	1.60920
2.650	18.000	2.00000	-1.28070	.17847	1.61585	.18195	1.60925
2.650	20.000	2.00000	-1.28610	.17179	1.62773	.16768	1.63587
	GRADIENT	.00000	.03442	.00148	.00030	.00056	.00248

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL3) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 9/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.000	-3.000	.00000	497.37609	2.39509	177.37895	1388.25664	1.65754	557.71981	.00000
2.000	-2.000	.00000	497.78405	2.39506	177.52263	1389.41887	1.65754	558.40709	.00000
2.000	.000	.00000	497.88542	2.39502	177.55848	1389.72043	1.65753	559.09108	.00000
2.000	2.000	.00000	497.74936	2.39503	177.51552	1389.31772	1.65754	559.69663	.00000
2.000	4.000	.00000	497.88090	2.39505	177.56289	1389.69618	1.65753	560.36694	.00000
2.000	6.000	.00000	497.96143	2.39507	177.59317	1389.93349	1.65753	561.34435	.00000
2.000	8.000	.00000	497.85340	2.39508	177.55592	1389.63730	1.65753	561.79141	.00000
2.000	10.000	.00000	498.13482	2.39511	177.65611	1390.43132	1.65754	562.29082	.00000
2.000	12.000	.00000	498.16138	2.39513	177.66576	1390.51283	1.65752	562.60989	.00000
2.000	14.000	.00000	497.80282	2.39516	177.54122	1389.51535	1.65753	563.23798	.00000
2.000	16.000	.00000	497.76151	2.39520	177.52752	1389.40306	1.65753	563.69643	.00000
2.000	18.000	.00000	497.87548	2.39519	177.56899	1389.73535	1.65752	564.57121	.00000
2.000	20.000	.00000	497.97515	2.39511	177.60422	1390.02162	1.65752	564.85275	.00000
	GRADIENT	.00000	.04850	-.00000	.01807	.13813	-.00000	.36070	.00000

RUN NO. 10/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.270	-3.000	.00000	502.36153	2.45272	139.39766	1662.62657	1.69596	571.00811	.00000
2.270	-2.000	.00000	501.62364	2.45276	139.19235	1660.15135	1.69596	571.67410	.00000
2.270	.000	.00000	501.11967	2.45275	139.05239	1658.47214	1.69596	571.76054	.00000
2.270	2.000	.00000	502.79629	2.45276	139.51710	1664.05373	1.69595	572.12878	.00000
2.270	4.000	.00000	502.78689	2.45278	139.51453	1664.02080	1.69595	572.23002	.00000
2.270	6.000	.00000	502.76803	2.45280	139.50933	1663.95543	1.69595	572.32762	.00000
2.270	8.000	.00000	502.69906	2.45283	139.48903	1663.72076	1.69595	572.79128	.00000
2.270	10.000	.00000	502.70071	2.45285	139.48903	1663.71506	1.69596	573.27028	.00000
2.270	12.000	.00000	502.59946	2.45289	139.46039	1663.36963	1.69596	573.63194	.00000
2.270	14.000	.00000	502.75838	2.45294	139.50233	1663.89287	1.69596	574.43051	.00000
2.270	16.000	.00000	502.75331	2.45296	139.50080	1663.87372	1.69596	574.51293	.00000
2.270	18.000	.00000	502.61320	2.45296	139.46289	1663.41470	1.69596	574.10651	.00000
2.270	20.000	.00000	502.36059	2.45291	139.39272	1662.56764	1.69595	574.22691	.00000
	GRADIENT	.00000	.13020	.00001	.03597	.43120	-.00000	.15381	.00000

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL3) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 11/ 0 RN/L = 2.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.500	-3.000	.00000	498.18137	2.51894	113.96751	1945.19864	1.70105	577.48437	.00000
2.500	-2.000	.00000	498.19503	2.51897	113.97026	1945.25459	1.70103	577.26025	.00000
2.500	.000	.00000	498.39971	2.51903	114.01669	1946.05292	1.70035	577.04469	.00000
2.500	2.000	.00000	498.59235	2.51903	114.06105	1946.79935	1.69968	577.21458	.00000
2.500	4.000	.00000	498.34319	2.51897	114.00440	1945.83234	1.70051	577.52882	.00000
2.500	6.000	.00000	498.66265	2.51895	114.07782	1947.07745	1.69942	577.92945	.00000
2.500	8.000	.00000	498.28907	2.51889	113.99264	1945.62555	1.70067	578.09961	.00000
2.500	10.000	.00000	498.62622	2.51889	114.06993	1946.93857	1.69953	578.41536	.00000
2.500	12.000	.00000	498.61969	2.51887	114.06877	1946.90999	1.69953	578.53912	.00000
2.500	14.000	.00000	498.54750	2.51882	114.05273	1946.62636	1.69976	578.84803	.00000
2.500	16.000	.00000	498.54913	2.51876	114.05367	1946.63470	1.69973	579.29732	.00000
2.500	18.000	.00000	498.57433	2.51868	114.06024	1946.72702	1.69957	579.83282	.00000
2.500	20.000	.00000	498.35601	2.51869	114.01004	1945.88040	1.70031	579.67441	.00000
	GRADIENT	.00000	.03905	.00001	.00892	.15230	-.00013	.00806	.00000

RUN NO. 12/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.650	-3.000	.00000	438.36455	2.25921	89.34296	1921.52962	1.73174	577.17444	.00000
2.650	-2.000	.00000	438.39711	2.25928	89.35032	1921.66911	1.73174	577.06696	.00000
2.650	.000	.00000	438.41558	2.25933	89.35476	1921.74350	1.73169	576.99162	.00000
2.650	2.000	.00000	438.25803	2.25931	89.32304	1921.04117	1.73166	576.88219	.00000
2.650	4.000	.00000	438.60508	2.25952	89.39491	1922.57288	1.73169	576.88531	.00000
2.650	6.000	.00000	438.80008	2.25949	89.43468	1923.42578	1.73162	577.10626	.00000
2.650	8.000	.00000	438.98086	2.25953	89.47091	1924.23537	1.73170	577.24420	.00000
2.650	10.000	.00000	439.06947	2.25943	89.48839	1924.62056	1.73163	577.48639	.00000
2.650	12.000	.00000	438.93008	2.25940	89.45995	1924.00526	1.73164	577.41130	.00000
2.650	14.000	.00000	438.97334	2.25939	89.46871	1924.19771	1.73165	577.45420	.00000
2.650	16.000	.00000	439.11353	2.25941	89.49733	1924.81812	1.73165	577.57000	.00000
2.650	18.000	.00000	438.91624	2.25913	89.45484	1923.95680	1.73166	577.86767	.00000
2.650	20.000	.00000	439.01633	2.25927	89.47571	1924.40247	1.73170	577.79093	.00000
	GRADIENT	.00000	.01953	.00004	.00436	.08340	-.00001	-.04121	.00000

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL3) (10 JUL 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 9/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.000	-3.000	.00000	1.57376	.21147	.20626
2.000	-2.000	.00000	1.60449	.21448	.20344
2.000	.000	.00000	1.65359	.22540	.21244
2.000	2.000	.00000	1.69841	.21081	.22257
2.000	4.000	.00000	1.73370	.23211	.22499
2.000	6.000	.00000	1.76344	.27502	.26371
2.000	8.000	.00000	1.78315	.31247	.28192
2.000	10.000	.00000	1.80014	.33888	.30810
2.000	12.000	.00000	1.80674	.35556	.34048
2.000	14.000	.00000	1.80782	.35643	.36667
2.000	16.000	.00000	1.80512	.37474	.36556
2.000	18.000	.00000	1.79733	.37298	.35964
2.000	20.000	.00000	1.78256	.36900	.34472
	GRADIENT	.00000	.02282	.00207	.00322

RUN NO. 10/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.270	-3.000	.00000	1.66168	.21370	.18349
2.270	-2.000	.00000	1.68902	.21251	.18918
2.270	.000	.00000	1.74324	.20717	.20490
2.270	2.000	.00000	1.78968	.21275	.22825
2.270	4.000	.00000	1.83228	.22765	.22472
2.270	6.000	.00000	1.86310	.27321	.25760
2.270	8.000	.00000	1.88641	.31976	.28137
2.270	10.000	.00000	1.90159	.34109	.29358
2.270	12.000	.00000	1.91427	.35814	.31411
2.270	14.000	.00000	1.91747	.36710	.36003
2.270	16.000	.00000	1.91601	.37407	.35312
2.270	18.000	.00000	1.90588	.37744	.33933
2.270	20.000	.00000	1.88926	.36974	.33281
	GRADIENT	.00000	.02446	.00168	.00672

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL3) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 11/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.500	-3.000	.00000	1.75744	.21422	.20271
2.500	-2.000	.00000	1.78731	.21426	.21124
2.500	.000	.00000	1.84027	.21961	.23215
2.500	2.000	.00000	1.89320	.22497	.25209
2.500	4.000	.00000	1.93483	.24709	.24288
2.500	6.000	.00000	1.97120	.27081	.26692
2.500	8.000	.00000	1.99956	.30170	.28819
2.500	10.000	.00000	2.02015	.32627	.29918
2.500	12.000	.00000	2.03179	.34766	.31964
2.500	14.000	.00000	2.03640	.36644	.35927
2.500	16.000	.00000	2.02093	.36658	.36789
2.500	18.000	.00000	2.01923	.36965	.34461
2.500	20.000	.00000	2.00357	.36969	.34214
	GRADIENT	.00000	.02549	.00436	.00661

RUN NO. 12/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.650	-3.000	.00000	1.78635	.20716	.21565
2.650	-2.000	.00000	1.81852	.20854	.22442
2.650	.000	.00000	1.87924	.21400	.23920
2.650	2.000	.00000	1.93332	.22274	.25030
2.650	4.000	.00000	1.97519	.24980	.26113
2.650	6.000	.00000	2.00945	.26039	.26505
2.650	8.000	.00000	2.04285	.28069	.28064
2.650	10.000	.00000	2.05828	.30046	.29204
2.650	12.000	.00000	2.07426	.32847	.30698
2.650	14.000	.00000	2.07618	.35390	.34625
2.650	16.000	.00000	2.07207	.35637	.35676
2.650	18.000	.00000	2.05632	.34826	.35147
2.650	20.000	.00000	2.04398	.33616	.33109
	GRADIENT	.00000	.02722	.00566	.00644

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL3) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 9/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.000	-3.000	.00000	-.63186	.15523	1.44625	.15083	1.45270
2.000	-2.000	.00000	-.59719	.15430	1.45361	.14520	1.46723
2.000	.000	.00000	-.54687	.15782	1.45765	.14741	1.47335
2.000	2.000	.00000	-.49486	.14171	1.49063	.15081	1.47640
2.000	4.000	.00000	-.46676	.15458	1.47688	.14913	1.48532
2.000	6.000	.00000	-.45093	.18477	1.43761	.17584	1.45027
2.000	8.000	.00000	-.44297	.21247	1.40349	.18779	1.43648
2.000	10.000	.00000	-.43421	.23191	1.38157	.20650	1.41373
2.000	12.000	.00000	-.43269	.24501	1.36678	.23221	1.38210
2.000	14.000	.00000	-.43188	.24558	1.36625	.25443	1.35600
2.000	16.000	.00000	-.44012	.26199	1.34709	.25394	1.35621
2.000	18.000	.00000	-.44747	.26186	1.34622	.25015	1.35954
2.000	20.000	.00000	-.46135	.26105	1.34520	.23975	1.36971
	GRADIENT	.00000	.02380	-.00077	.00542	.00020	.00398

RUN NO. 10/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.270	-3.000	.00000	-.94647	.14759	1.54990	.12413	1.59301
2.270	-2.000	.00000	-.90962	.14393	1.56110	.12613	1.59418
2.270	.000	.00000	-.83904	.13487	1.58699	.13319	1.59018
2.270	2.000	.00000	-.78789	.13492	1.59462	.14618	1.57354
2.270	4.000	.00000	-.74773	.14187	1.58816	.13979	1.59210
2.270	6.000	.00000	-.73527	.17184	1.53929	.16045	1.55892
2.270	8.000	.00000	-.73130	.20410	1.49093	.17530	1.53664
2.270	10.000	.00000	-.72443	.21857	1.47143	.18257	1.52663
2.270	12.000	.00000	-.71831	.23015	1.45652	.19630	1.50633
2.270	14.000	.00000	-.71892	.23678	1.44775	.23117	1.45546
2.270	16.000	.00000	-.72379	.24260	1.43974	.22594	1.46260
2.270	18.000	.00000	-.73681	.24694	1.43287	.21661	1.47478
2.270	20.000	.00000	-.75206	.24333	1.43581	.21382	1.47686
	GRADIENT	.00000	.02860	-.00103	.00591	.00283	-.00123

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL3) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 11/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.500	-3.000	.00000	-1.24311	.13882	1.63593	.13038	1.65356
2.500	-2.000	.00000	-1.20055	.13621	1.64588	.13403	1.65044
2.500	.000	.00000	-1.13261	.13550	1.65519	.14436	1.63673
2.500	2.000	.00000	-1.06857	.13486	1.66411	.15361	1.62526
2.500	4.000	.00000	-1.03156	.14640	1.64529	.14355	1.65123
2.500	6.000	.00000	-1.00249	.15926	1.62385	.15662	1.62911
2.500	8.000	.00000	-.98729	.17770	1.59204	.16840	1.60945
2.500	10.000	.00000	-.97746	.19262	1.56759	.17385	1.60147
2.500	12.000	.00000	-.97619	.20643	1.54535	.18669	1.57925
2.500	14.000	.00000	-.98171	.21943	1.52479	.21421	1.53311
2.500	16.000	.00000	-.99070	.22052	1.52237	.22148	1.52085
2.500	18.000	.00000	-1.00424	.22408	1.51587	.20578	1.54517
2.500	20.000	.00000	-1.02349	.22626	1.51101	.20593	1.54333
	GRADIENT	.00000	.03056	.00086	.00185	.00247	-.00151

RUN NO. 12/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.650	-3.000	.00000	-1.51548	.13118	1.68732	.13729	1.67373
2.650	-2.000	.00000	-1.46652	.12953	1.69575	.14078	1.67062
2.650	.000	.00000	-1.38138	.12851	1.70663	.14585	1.66772
2.650	2.000	.00000	-1.31314	.13021	1.70989	.14872	1.66831
2.650	4.000	.00000	-1.27761	.14478	1.68196	.15235	1.66552
2.650	6.000	.00000	-1.24073	.14887	1.67698	.15194	1.67033
2.650	8.000	.00000	-1.21258	.15929	1.65843	.15925	1.65951
2.650	10.000	.00000	-1.20679	.17093	1.63626	.16534	1.64754
2.650	12.000	.00000	-1.20594	.18815	1.60466	.17370	1.63237
2.650	14.000	.00000	-1.22129	.20548	1.57365	.20015	1.58302
2.650	16.000	.00000	-1.22838	.20771	1.56942	.20799	1.56895
2.650	18.000	.00000	-1.24311	.20389	1.57461	.20616	1.57067
2.650	20.000	.00000	-1.25052	.19684	1.58592	.19329	1.59231
	GRADIENT	.00000	.03456	.00165	-.00007	.00209	-.00100

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL4) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 13/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.000	-3.000	2.00000	498.49607	2.29049	177.82104	1391.67332	1.65750	580.63277	.00000
2.000	-2.000	2.00000	497.46695	2.29050	177.45821	1388.78607	1.65749	580.35030	.00000
2.000	.000	2.00000	497.39586	2.29054	177.43189	1388.59404	1.65749	580.31385	.00000
2.000	2.000	2.00000	497.57287	2.29054	177.49546	1389.08415	1.65749	580.40838	.00000
2.000	4.000	2.00000	497.48873	2.29048	177.46371	1388.84618	1.65750	579.71078	.00000
2.000	6.000	2.00000	497.63886	2.29049	177.51793	1389.26917	1.65750	580.16763	.00000
2.000	8.000	2.00000	497.60881	2.29046	177.50718	1389.18690	1.65750	580.15335	.00000
2.000	10.000	2.00000	497.66010	2.29046	177.52484	1389.32820	1.65749	579.95780	.00000
2.000	12.000	2.00000	497.54774	2.29047	177.48508	1389.02086	1.65749	580.18641	.00000
2.000	14.000	2.00000	497.60825	2.29044	177.50720	1389.17880	1.65750	580.01392	.00000
2.000	16.000	2.00000	497.40434	2.29045	177.43552	1388.61142	1.65749	580.14812	.00000
2.000	18.000	2.00000	497.38564	2.29047	177.42901	1388.55980	1.65749	580.28508	.00000
2.000	20.000	2.00000	497.38524	2.29048	177.42914	1388.56247	1.65750	580.46082	.00000
	GRADIENT	.00000	-.09163	.00000	-.03256	-.25719	.00000	-.09824	.00000

RUN NO. 14/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.270	-3.000	2.00000	503.02942	2.38930	139.55896	1664.63600	1.69598	584.67872	.00000
2.270	-2.000	2.00000	503.46664	2.38928	139.67932	1666.09955	1.69597	584.66959	.00000
2.270	.000	2.00000	502.88812	2.38929	139.51948	1664.18144	1.69598	584.22758	.00000
2.270	2.000	2.00000	503.34199	2.38927	139.64560	1665.69011	1.69598	584.29498	.00000
2.270	4.000	2.00000	503.01741	2.38926	139.55471	1664.60670	1.69598	584.55476	.00000
2.270	6.000	2.00000	503.20816	2.38925	139.60724	1665.23300	1.69597	584.89988	.00000
2.270	8.000	2.00000	503.15917	2.38923	139.59380	1665.07147	1.69598	584.82343	.00000
2.270	10.000	2.00000	503.11061	2.38924	139.57937	1664.90401	1.69598	585.31572	.00000
2.270	12.000	2.00000	502.81296	2.38922	139.49814	1663.92522	1.69597	584.50524	.00000
2.270	14.000	2.00000	503.31720	2.38922	139.63709	1665.59467	1.69597	585.12893	.00000
2.270	16.000	2.00000	503.30449	2.38922	139.63272	1665.54771	1.69598	585.40604	.00000
2.270	18.000	2.00000	503.28927	2.38920	139.63019	1665.51228	1.69598	584.57961	.00000
2.270	20.000	2.00000	503.24261	2.38921	139.61547	1665.34200	1.69597	585.41702	.00000
	GRADIENT	.00000	-.01270	-.00001	-.00357	-.04094	.00000	-.03206	.00000

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (AGYBL4) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = 2.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.500	-3.000	2.00000	498.91262	2.53881	114.12537	1948.08470	1.65004	571.25647	.00000
2.500	-2.000	2.00000	498.74210	2.53868	114.08814	1947.40425	1.65048	572.19920	.00000
2.500	.000	2.00000	498.77685	2.53877	114.09462	1947.55348	1.65049	571.47853	.00000
2.500	2.000	2.00000	498.57346	2.53849	114.05133	1946.73965	1.65097	573.49156	.00000
2.500	4.000	2.00000	498.28555	2.53845	113.98563	1945.62326	1.65192	573.70744	.00000
2.500	6.000	2.00000	497.66701	2.53837	113.84477	1943.21602	1.65395	573.91039	.00000
2.500	8.000	2.00000	497.89365	2.53829	113.89738	1944.09729	1.65317	574.67702	.00000
2.500	10.000	2.00000	497.83025	2.53818	113.88433	1943.84360	1.65332	575.59747	.00000
2.500	12.000	2.00000	498.04443	2.53816	113.93342	1944.67508	1.65259	575.86485	.00000
2.500	14.000	2.00000	497.91353	2.53799	113.90582	1944.15363	1.65293	577.21415	.00000
2.500	16.000	2.00000	497.73338	2.53795	113.86469	1943.45448	1.65352	577.34632	.00000
2.500	18.000	2.00000	497.78413	2.53793	113.87648	1943.65251	1.65337	577.55218	.00000
2.500	20.000	2.00000	497.89524	2.53775	113.90419	1944.07205	1.65289	579.06031	.00000
	GRADIENT	.00000	-.07900	-.00005	-.01757	-.31010	.00024	.34203	.00000

RUN NO. 16/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.650	-3.000	2.00000	438.29697	2.30730	89.33136	1921.20506	1.72858	576.46257	.00000
2.650	-2.000	2.00000	437.76816	2.30708	89.22182	1918.88463	1.72867	576.45853	.00000
2.650	.000	2.00000	438.40081	2.30746	89.35403	1921.65593	1.72856	576.26921	.00000
2.650	2.000	2.00000	437.70370	2.30644	89.20168	1918.63937	1.72887	577.63266	.00000
2.650	4.000	2.00000	438.04594	2.30653	89.27119	1920.15651	1.72889	577.82792	.00000
2.650	6.000	2.00000	438.27561	2.30696	89.32164	1921.16501	1.72890	577.27915	.00000
2.650	8.000	2.00000	438.32278	2.30645	89.32578	1921.39676	1.72899	578.29961	.00000
2.650	10.000	2.00000	438.30483	2.30664	89.32429	1921.30780	1.72894	577.98563	.00000
2.650	12.000	2.00000	438.23961	2.30622	89.30674	1921.03526	1.72901	578.70898	.00000
2.650	14.000	2.00000	438.06857	2.30634	89.27351	1920.27408	1.72900	578.41196	.00000
2.650	16.000	2.00000	438.16615	2.30619	89.29114	1920.72200	1.72907	578.81007	.00000
2.650	18.000	2.00000	438.37058	2.30628	89.33365	1921.61804	1.72904	578.83551	.00000
2.650	20.000	2.00000	438.03886	2.30579	89.26154	1920.17494	1.72914	579.47851	.00000
	GRADIENT	.00000	-.02680	-.00012	-.00688	-.10939	.00005	.22384	.00000

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL4) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 13/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.000	-3.000	2.00000	1.56248	.17367	.16960
2.000	-2.000	2.00000	1.59128	.17176	.16829
2.000	.000	2.00000	1.63925	.16923	.17782
2.000	2.000	2.00000	1.68121	.18273	.19138
2.000	4.000	2.00000	1.72057	.20994	.20355
2.000	6.000	2.00000	1.75014	.26988	.23056
2.000	8.000	2.00000	1.76828	.30627	.24932
2.000	10.000	2.00000	1.78357	.31657	.27632
2.000	12.000	2.00000	1.79187	.34398	.30695
2.000	14.000	2.00000	1.79154	.35142	.32414
2.000	16.000	2.00000	1.78043	.33503	.31791
2.000	18.000	2.00000	1.77960	.32409	.30815
2.000	20.000	2.00000	1.76498	.31221	.29467
	GRADIENT	.00000	.02243	.00485	.00517

RUN NO. 14/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.270	-3.000	2.00000	1.63067	.16029	.15688
2.270	-2.000	2.00000	1.66033	.16037	.16457
2.270	.000	2.00000	1.71329	.16929	.18268
2.270	2.000	2.00000	1.75889	.17475	.19878
2.270	4.000	2.00000	1.79854	.19774	.19715
2.270	6.000	2.00000	1.83215	.23679	.22484
2.270	8.000	2.00000	1.85495	.26467	.24399
2.270	10.000	2.00000	1.87153	.28972	.25359
2.270	12.000	2.00000	1.87498	.30456	.27959
2.270	14.000	2.00000	1.87502	.30620	.30720
2.270	16.000	2.00000	1.87188	.31855	.30465
2.270	18.000	2.00000	1.85875	.31839	.28928
2.270	20.000	2.00000	1.84345	.30985	.28207
	GRADIENT	.00000	.02399	.00507	.00629

0A234 LERC 10SWT 42 PROBE DATA LEFT SIDE (BGYBL4) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.500	-3.000	2.00000	1.71983	.16462	.17979
2.500	-2.000	2.00000	1.75011	.16599	.18756
2.500	.000	2.00000	1.80902	.17986	.20553
2.500	2.000	2.00000	1.85431	.18926	.20884
2.500	4.000	2.00000	1.89852	.21558	.20940
2.500	6.000	2.00000	1.93272	.23592	.23455
2.500	8.000	2.00000	1.95868	.24750	.25190
2.500	10.000	2.00000	1.97561	.28052	.26273
2.500	12.000	2.00000	1.98588	.29758	.30274
2.500	14.000	2.00000	1.98471	.31719	.31368
2.500	16.000	2.00000	1.98057	.31293	.31908
2.500	18.000	2.00000	1.97200	.31286	.30118
2.500	20.000	2.00000	1.95514	.30728	.29847
	GRADIENT	.00000	.02551	.00707	.00435

RUN NO. 16/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.650	-3.000	2.00000	1.74632	.16598	.19354
2.650	-2.000	2.00000	1.77929	.16852	.20023
2.650	.000	2.00000	1.84113	.17608	.19999
2.650	2.000	2.00000	1.88953	.17867	.21025
2.650	4.000	2.00000	1.93087	.20377	.22258
2.650	6.000	2.00000	1.96214	.22023	.23234
2.650	8.000	2.00000	1.99104	.23650	.24390
2.650	10.000	2.00000	2.00551	.26526	.25346
2.650	12.000	2.00000	2.01641	.27613	.29298
2.650	14.000	2.00000	2.01650	.31126	.30225
2.650	16.000	2.00000	2.01699	.30654	.31161
2.650	18.000	2.00000	2.00300	.30334	.30836
2.650	20.000	2.00000	1.99270	.29214	.28615
	GRADIENT	.00000	.02645	.00484	.00379

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL4) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 13/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.000	-3.000	2.00000	-.62827	.12505	1.49004	.12176	1.49537
2.000	-2.000	2.00000	-.59436	.12100	1.50281	.11826	1.50736
2.000	.000	2.00000	-.54132	.11512	1.52286	.12168	1.51172
2.000	2.000	2.00000	-.50304	.12195	1.51974	.12846	1.50880
2.000	4.000	2.00000	-.47293	.13897	1.49903	.13417	1.50685
2.000	6.000	2.00000	-.46266	.18232	1.43887	.15172	1.48408
2.000	8.000	2.00000	-.45603	.20949	1.40508	.16414	1.46818
2.000	10.000	2.00000	-.44406	.21579	1.39924	.18332	1.44274
2.000	12.000	2.00000	-.44420	.23758	1.37353	.20671	1.41218
2.000	14.000	2.00000	-.44680	.24402	1.36585	.22089	1.39393
2.000	16.000	2.00000	-.44486	.23052	1.38158	.21619	1.39944
2.000	18.000	2.00000	-.45028	.22266	1.39002	.20942	1.40684
2.000	20.000	2.00000	-.46120	.21490	1.39765	.20042	1.41648
	GRADIENT	.00000	.02206	.00178	.00161	.00204	.00116

RUN NO. 14/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.270	-3.000	2.00000	-.95289	.10901	1.61703	.10645	1.62228
2.270	-2.000	2.00000	-.91436	.10692	1.62726	.11003	1.62085
2.270	.000	2.00000	-.85397	.10964	1.63182	.11935	1.61198
2.270	2.000	2.00000	-.80355	.11031	1.63886	.12741	1.60406
2.270	4.000	2.00000	-.77041	.12353	1.61851	.12311	1.61935
2.270	6.000	2.00000	-.75197	.14843	1.57602	.13988	1.59195
2.270	8.000	2.00000	-.74002	.16643	1.54742	.15146	1.57388
2.270	10.000	2.00000	-.73350	.18316	1.52178	.15673	1.56676
2.270	12.000	2.00000	-.73663	.19393	1.50511	.17525	1.53525
2.270	14.000	2.00000	-.73736	.19518	1.50319	.19594	1.50201
2.270	16.000	2.00000	-.74673	.20507	1.48771	.19438	1.50402
2.270	18.000	2.00000	-.76155	.20670	1.48364	.18431	1.51823
2.270	20.000	2.00000	-.77487	.20204	1.48866	.18066	1.52208
	GRADIENT	.00000	.02615	.00189	.00059	.00276	-.00118

OA234 LERC 10SWT 42 PROBE DATA LEFT SIDE (CGYBL4) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.500	-3.000	2.00000	-1.25776	.10585	1.70236	.11674	1.67723
2.500	-2.000	2.00000	-1.21567	.10478	1.71027	.12004	1.67494
2.500	.000	2.00000	-1.14593	.11040	1.70682	.12818	1.66634
2.500	2.000	2.00000	-1.09399	.11367	1.70631	.12692	1.67592
2.500	4.000	2.00000	-1.05610	.12810	1.67971	.12397	1.68903
2.500	6.000	2.00000	-1.02733	.13904	1.66052	.13812	1.66249
2.500	8.000	2.00000	-1.00352	.14464	1.65205	.14759	1.64590
2.500	10.000	2.00000	-1.00305	.16549	1.61226	.15339	1.63614
2.500	12.000	2.00000	-1.00100	.17626	1.59317	.17986	1.58657
2.500	14.000	2.00000	-1.01415	.19022	1.56801	.18772	1.57239
2.500	16.000	2.00000	-1.01657	.18765	1.57206	.19204	1.56439
2.500	18.000	2.00000	-1.02694	.18857	1.56951	.18026	1.58430
2.500	20.000	2.00000	-1.04418	.18647	1.57131	.18016	1.58255
	GRADIENT	.00000	.02884	.00305	-.00296	.00110	.00152

RUN NO. 16/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTLDEC	PSLDEC	MINDL2	PSILDC	MINDL1
2.650	-3.000	2.00000	-1.53967	.10503	1.74371	.12464	1.69620
2.650	-2.000	2.00000	-1.49012	.10462	1.75025	.12680	1.69626
2.650	.000	2.00000	-1.40439	.10575	1.75721	.12186	1.71698
2.650	2.000	2.00000	-1.33857	.10443	1.76816	.12521	1.71587
2.650	4.000	2.00000	-1.30206	.11798	1.73921	.13029	1.70941
2.650	6.000	2.00000	-1.27304	.12643	1.72266	.13432	1.70404
2.650	8.000	2.00000	-1.24745	.13480	1.70653	.13960	1.69549
2.650	10.000	2.00000	-1.24935	.15243	1.66886	.14466	1.68582
2.650	12.000	2.00000	-1.24309	.15867	1.65688	.17000	1.63378
2.650	14.000	2.00000	-1.26856	.18253	1.60952	.17632	1.62139
2.650	16.000	2.00000	-1.26444	.17921	1.61588	.18272	1.60921
2.650	18.000	2.00000	-1.28070	.17847	1.61585	.18196	1.60922
2.650	20.000	2.00000	-1.28610	.17179	1.62773	.16767	1.63588
	GRADIENT	.00000	.03442	.00149	.00030	.00056	.00248

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (AGYBRI) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.000	-3.000	.00000	497.37609	2.39509	177.37895	1388.25664	1.65754	557.71981	.00000
2.000	-2.000	.00000	497.78405	2.39506	177.52263	1389.41887	1.65754	558.40709	.00000
2.000	.000	.00000	497.88542	2.39502	177.55848	1389.72043	1.65753	559.09108	.00000
2.000	2.000	.00000	497.74936	2.39503	177.51552	1389.31772	1.65754	559.69663	.00000
2.000	4.000	.00000	497.88090	2.39505	177.56289	1389.69618	1.65753	560.36694	.00000
2.000	6.000	.00000	497.96143	2.39507	177.59317	1389.93349	1.65753	561.34435	.00000
2.000	8.000	.00000	497.85340	2.39508	177.55592	1389.63730	1.65753	561.79141	.00000
2.000	10.000	.00000	498.13482	2.39511	177.65611	1390.43132	1.65754	562.29082	.00000
2.000	12.000	.00000	498.16138	2.39513	177.66576	1390.51283	1.65752	562.60989	.00000
2.000	14.000	.00000	497.80282	2.39516	177.54122	1389.51535	1.65753	563.23798	.00000
2.000	16.000	.00000	497.76151	2.39520	177.52752	1389.40306	1.65753	563.69643	.00000
2.000	18.000	.00000	497.87548	2.39519	177.56899	1389.73535	1.65752	564.57121	.00000
2.000	20.000	.00000	497.97515	2.39511	177.60422	1390.02162	1.65752	564.85275	.00000
	GRADIENT	.00000	.04850	-.00000	.01807	.13813	-.00000	.36070	.00000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.270	-3.000	.00000	502.36153	2.45272	139.39766	1662.62657	1.69596	571.00811	.00000
2.270	-2.000	.00000	501.62364	2.45276	139.19235	1660.15135	1.69596	571.67410	.00000
2.270	.000	.00000	501.11967	2.45275	139.05239	1658.47214	1.69596	571.76054	.00000
2.270	2.000	.00000	502.79629	2.45276	139.51710	1664.05373	1.69595	572.12878	.00000
2.270	4.000	.00000	502.78689	2.45278	139.51453	1664.02080	1.69595	572.23002	.00000
2.270	6.000	.00000	502.76803	2.45280	139.50933	1663.95543	1.69595	572.32762	.00000
2.270	8.000	.00000	502.69906	2.45283	139.48903	1663.72076	1.69595	572.79128	.00000
2.270	10.000	.00000	502.70071	2.45285	139.48903	1663.71506	1.69596	573.27028	.00000
2.270	12.000	.00000	502.59946	2.45289	139.46039	1663.36963	1.69596	573.63194	.00000
2.270	14.000	.00000	502.75838	2.45294	139.50233	1663.89287	1.69596	574.43051	.00000
2.270	16.000	.00000	502.75331	2.45296	139.50080	1663.87372	1.69596	574.51293	.00000
2.270	18.000	.00000	502.61320	2.45296	139.46289	1663.41470	1.69596	574.10651	.00000
2.270	20.000	.00000	502.36059	2.45291	139.39272	1662.56764	1.69595	574.22691	.00000
	GRADIENT	.00000	.13020	.00001	.03597	.43120	-.00000	.15381	.00000

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (AGYBRI) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.500	-3.000	.00000	498.18137	2.51894	113.96751	1945.19864	1.70105	577.48437	.00000
2.500	-2.000	.00000	498.19503	2.51897	113.97026	1945.25459	1.70103	577.26025	.00000
2.500	.000	.00000	498.39971	2.51903	114.01669	1946.05292	1.70035	577.04469	.00000
2.500	2.000	.00000	498.59235	2.51903	114.06105	1946.79935	1.69968	577.21458	.00000
2.500	4.000	.00000	498.34319	2.51897	114.00440	1945.83234	1.70051	577.52882	.00000
2.500	6.000	.00000	498.66265	2.51895	114.07782	1947.07745	1.69942	577.92945	.00000
2.500	8.000	.00000	498.28907	2.51889	113.99264	1945.62555	1.70067	578.09961	.00000
2.500	10.000	.00000	498.62622	2.51889	114.06993	1946.93857	1.69953	578.41536	.00000
2.500	12.000	.00000	498.61969	2.51887	114.06877	1946.90999	1.69953	578.53912	.00000
2.500	14.000	.00000	498.54750	2.51882	114.05273	1946.62636	1.69976	578.84803	.00000
2.500	16.000	.00000	498.54913	2.51876	114.05367	1946.63470	1.69973	579.29732	.00000
2.500	18.000	.00000	498.57433	2.51868	114.06024	1946.72702	1.69957	579.83282	.00000
2.500	20.000	.00000	498.35601	2.51869	114.01004	1945.88040	1.70031	579.67441	.00000
	GRADIENT	.00000	.03905	.00001	.00892	.15230	-.00013	.00806	.00000

RUN NO. 38/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.650	-3.000	.00000	438.36455	2.25921	89.34296	1921.52962	1.73174	577.17444	.00000
2.650	-2.000	.00000	438.39711	2.25928	89.35032	1921.66911	1.73174	577.06696	.00000
2.650	.000	.00000	438.41558	2.25933	89.35476	1921.74350	1.73169	576.99162	.00000
2.650	2.000	.00000	438.25803	2.25931	89.32304	1921.04117	1.73166	576.88219	.00000
2.650	4.000	.00000	438.60508	2.25952	89.39491	1922.57288	1.73169	576.88531	.00000
2.650	6.000	.00000	438.80008	2.25949	89.43468	1923.42578	1.73162	577.10626	.00000
2.650	8.000	.00000	438.98086	2.25953	89.47091	1924.23537	1.73170	577.24420	.00000
2.650	10.000	.00000	439.06947	2.25943	89.48839	1924.62056	1.73163	577.48639	.00000
2.650	12.000	.00000	438.93008	2.25940	89.45995	1924.00526	1.73164	577.41130	.00000
2.650	14.000	.00000	438.97334	2.25939	89.46871	1924.19771	1.73165	577.45420	.00000
2.650	16.000	.00000	439.11353	2.25941	89.49733	1924.81812	1.73165	577.57000	.00000
2.650	18.000	.00000	438.91624	2.25913	89.45484	1923.95680	1.73166	577.86767	.00000
2.650	20.000	.00000	439.01633	2.25927	89.47571	1924.40247	1.73170	577.79093	.00000
	GRADIENT	.00000	.01953	.00004	.00436	.08340	-.00001	-.04121	.00000

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (BGYBR1) (10 JUL 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPS1A
2.000	-3.000	.00000	.20002
2.000	-2.000	.00000	.19649
2.000	.000	.00000	.20392
2.000	2.000	.00000	.20771
2.000	4.000	.00000	.22035
2.000	6.000	.00000	.25581
2.000	8.000	.00000	.28077
2.000	10.000	.00000	.30517
2.000	12.000	.00000	.33249
2.000	14.000	.00000	.36061
2.000	16.000	.00000	.35571
2.000	18.000	.00000	.34873
2.000	20.000	.00000	.33404
	GRADIENT	.00000	.00299

RUN NO. 35/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPS1A
2.270	-3.000	.00000	.18102
2.270	-2.000	.00000	.18515
2.270	.000	.00000	.20445
2.270	2.000	.00000	.21880
2.270	4.000	.00000	.23442
2.270	6.000	.00000	.26024
2.270	8.000	.00000	.28188
2.270	10.000	.00000	.29442
2.270	12.000	.00000	.31328
2.270	14.000	.00000	.35636
2.270	16.000	.00000	.33134
2.270	18.000	.00000	.32253
2.270	20.000	.00000	.32080
	GRADIENT	.00000	.00784

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (BGYBR1) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPS'A
2.500	-3.000	.00000	.20265
2.500	-2.000	.00000	.21043
2.500	.000	.00000	.22879
2.500	2.000	.00000	.23656
2.500	4.000	.00000	.23173
2.500	6.000	.00000	.26599
2.500	8.000	.00000	.28516
2.500	10.000	.00000	.29676
2.500	12.000	.00000	.31420
2.500	14.000	.00000	.35371
2.500	16.000	.00000	.35743
2.500	18.000	.00000	.33486
2.500	20.000	.00000	.33525
	GRADIENT	.00000	.00455

RUN NO. 38/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPS1A
2.650	-3.000	.00000	.21566
2.650	-2.000	.00000	.22294
2.650	.000	.00000	.22846
2.650	2.000	.00000	.23652
2.650	4.000	.00000	.24798
2.650	6.000	.00000	.26337
2.650	8.000	.00000	.28013
2.650	10.000	.00000	.28955
2.650	12.000	.00000	.30511
2.650	14.000	.00000	.34429
2.650	16.000	.00000	.34827
2.650	18.000	.00000	.32921
2.650	20.000	.00000	.32289
	GRADIENT	.00000	.00432

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (AGYBR2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.000	-3.000	2.00000	498.49607	2.29049	177.82104	1391.67332	1.65750	580.63277	.00000
2.000	-2.000	2.00000	497.46695	2.29050	177.45821	1388.78607	1.65749	580.35030	.00000
2.000	.000	2.00000	497.39586	2.29054	177.43189	1388.59404	1.65749	580.31385	.00000
2.000	2.000	2.00000	497.57287	2.29054	177.49546	1389.08415	1.65749	580.40838	.00000
2.000	4.000	2.00000	497.48873	2.29048	177.46371	1388.84618	1.65750	579.71078	.00000
2.000	6.000	2.00000	497.63886	2.29049	177.51793	1389.26917	1.65750	580.16763	.00000
2.000	8.000	2.00000	497.60881	2.29046	177.50718	1389.18690	1.65750	580.15335	.00000
2.000	10.000	2.00000	497.66010	2.29046	177.52484	1389.32820	1.65749	579.95780	.00000
2.000	12.000	2.00000	497.54774	2.29047	177.48508	1389.02086	1.65749	580.18641	.00000
2.000	14.000	2.00000	497.60825	2.29044	177.50720	1389.17880	1.65750	580.01392	.00000
2.000	16.000	2.00000	497.40434	2.29045	177.43552	1388.61142	1.65749	580.14812	.00000
2.000	18.000	2.00000	497.38564	2.29047	177.42901	1388.55980	1.65749	580.28508	.00000
2.000	20.000	2.00000	497.38524	2.29048	177.42914	1388.56247	1.65750	580.46082	.00000
	GRADIENT	.00000	-.09163	.00000	-.03256	-.25719	.00000	-.09824	.00000

RUN NO. 62/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.270	-3.000	2.00000	503.02942	2.38930	139.55896	1664.63600	1.69598	584.67872	.00000
2.270	-2.000	2.00000	503.46664	2.38928	139.67932	1666.09955	1.69597	584.66959	.00000
2.270	.000	2.00000	502.88812	2.38929	139.51948	1664.18144	1.69598	584.22758	.00000
2.270	2.000	2.00000	503.34199	2.38927	139.64560	1665.69011	1.69598	584.29498	.00000
2.270	4.000	2.00000	503.01741	2.38926	139.55471	1664.60670	1.69598	584.55476	.00000
2.270	6.000	2.00000	503.20816	2.38925	139.60724	1665.23300	1.69597	584.89988	.00000
2.270	8.000	2.00000	503.15917	2.38923	139.59380	1665.07147	1.69598	584.82343	.00000
2.270	10.000	2.00000	503.11061	2.38924	139.57937	1664.90401	1.69598	585.31572	.00000
2.270	12.000	2.00000	502.81296	2.38922	139.49814	1663.92522	1.69597	584.50524	.00000
2.270	14.000	2.00000	503.31720	2.38922	139.63709	1665.59467	1.69597	585.12893	.00000
2.270	16.000	2.00000	503.30449	2.38922	139.63272	1665.54771	1.69598	585.40604	.00000
2.270	18.000	2.00000	503.28927	2.38920	139.63019	1665.51228	1.69598	584.57961	.00000
2.270	20.000	2.00000	503.24261	2.38921	139.61547	1665.34200	1.69597	585.41702	.00000
	GRADIENT	.00000	-.01270	-.00001	-.00357	-.04094	.00000	-.03206	.00000

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (AGYBR2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.500	-3.000	2.00000	498.91262	2.53881	114.12537	1948.08470	1.65004	571.25647	.00000
2.500	-2.000	2.00000	498.74210	2.53868	114.08814	1947.40425	1.65048	572.19920	.00000
2.500	.000	2.00000	498.77685	2.53877	114.09462	1947.55348	1.65049	571.47853	.00000
2.500	2.000	2.00000	498.57346	2.53849	114.05133	1946.73965	1.65097	573.49156	.00000
2.500	4.000	2.00000	498.28555	2.53845	113.98563	1945.62326	1.65192	573.70744	.00000
2.500	6.000	2.00000	497.66701	2.53837	113.84477	1943.21602	1.65395	573.91039	.00000
2.500	8.000	2.00000	497.89365	2.53829	113.89738	1944.09729	1.65317	574.67702	.00000
2.500	10.000	2.00000	497.83025	2.53818	113.88433	1943.84360	1.65332	575.59747	.00000
2.500	12.000	2.00000	498.04443	2.53816	113.93342	1944.67508	1.65259	575.86485	.00000
2.500	14.000	2.00000	497.91353	2.53799	113.90582	1944.15363	1.65293	577.21415	.00000
2.500	16.000	2.00000	497.73338	2.53795	113.86469	1943.45448	1.65352	577.34632	.00000
2.500	18.000	2.00000	497.78413	2.53793	113.87648	1943.65251	1.65337	577.55218	.00000
2.500	20.000	2.00000	497.89524	2.53775	113.90419	1944.07205	1.65289	579.06031	.00000
	GRADIENT	.00000	-.07900	-.00005	-.01757	-.31010	.00024	.34203	.00000

RUN NO. 61/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.650	-3.000	2.00000	438.29697	2.30730	89.33136	1921.20506	1.72858	576.46257	.00000
2.650	-2.000	2.00000	437.76816	2.30708	89.22182	1918.88463	1.72867	576.45853	.00000
2.650	.000	2.00000	438.40081	2.30746	89.35403	1921.65593	1.72856	576.26921	.00000
2.650	2.000	2.00000	437.70370	2.30644	89.20168	1918.63937	1.72887	577.63266	.00000
2.650	4.000	2.00000	438.04594	2.30653	89.27119	1920.15651	1.72689	577.82792	.00000
2.650	6.000	2.00000	438.27561	2.30696	89.32164	1921.16501	1.72890	577.27915	.00000
2.650	8.000	2.00000	438.32278	2.30645	89.32578	1921.39676	1.72899	578.29961	.00000
2.650	10.000	2.00000	438.30483	2.30664	89.32429	1921.30780	1.72894	577.98563	.00000
2.650	12.000	2.00000	438.23961	2.30622	89.30674	1921.03526	1.72901	578.70898	.00000
2.650	14.000	2.00000	438.06857	2.30634	89.27351	1920.27408	1.72900	578.41196	.00000
2.650	16.000	2.00000	438.16615	2.30619	89.29114	1920.72200	1.72907	578.81007	.00000
2.650	18.000	2.00000	438.37058	2.30628	89.33365	1921.61804	1.72904	578.83551	.00000
2.650	20.000	2.00000	438.03886	2.30579	89.26154	1920.17494	1.72914	579.47851	.00000
	GRADIENT	.00000	-.02680	-.00012	-.00688	-.10939	.00005	.22384	.00000

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (BGYBR2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSIA
2.000	-3.000	2.00000	.24390
2.000	-2.000	2.00000	.23995
2.000	.000	2.00000	.24110
2.000	2.000	2.00000	.24155
2.000	4.000	2.00000	.24798
2.000	6.000	2.00000	.28721
2.000	8.000	2.00000	.31834
2.000	10.000	2.00000	.34622
2.000	12.000	2.00000	.38086
2.000	14.000	2.00000	.40698
2.000	16.000	2.00000	.40850
2.000	18.000	2.00000	.40386
2.000	20.000	2.00000	.38591
	GRADIENT	.00000	.00063

RUN NO. 62/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSIA
2.270	-3.000	2.00000	.22295
2.270	-2.000	2.00000	.22339
2.270	.000	2.00000	.23141
2.270	2.000	2.00000	.24773
2.270	4.000	2.00000	.26339
2.270	6.000	2.00000	.29204
2.270	8.000	2.00000	.31278
2.270	10.000	2.00000	.33413
2.270	12.000	2.00000	.35649
2.270	14.000	2.00000	.38160
2.270	16.000	2.00000	.38674
2.270	18.000	2.00000	.38293
2.270	20.000	2.00000	.37462
	GRADIENT	.00000	.00596

OA234 LERC 10SWT 42 PROBE DATA RIGHT SIDE (BGYBR2) (10 JUL 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSIA
2.500	-3.000	2.00000	.23140
2.500	-2.000	2.00000	.23465
2.500	.000	2.00000	.25065
2.500	2.000	2.00000	.27046
2.500	4.000	2.00000	.26695
2.500	6.000	2.00000	.29972
2.500	8.000	2.00000	.32162
2.500	10.000	2.00000	.33808
2.500	12.000	2.00000	.35234
2.500	14.000	2.00000	.37143
2.500	16.000	2.00000	.40134
2.500	18.000	2.00000	.38134
2.500	20.000	2.00000	.38171
	GRADIENT	.00000	.00593

RUN NO. 61/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSIA
2.650	-3.000	2.00000	.23894
2.650	-2.000	2.00000	.24737
2.650	.000	2.00000	.26396
2.650	2.000	2.00000	.27527
2.650	4.000	2.00000	.28654
2.650	6.000	2.00000	.29380
2.650	8.000	2.00000	.31074
2.650	10.000	2.00000	.32770
2.650	12.000	2.00000	.33947
2.650	14.000	2.00000	.38266
2.650	16.000	2.00000	.39317
2.650	18.000	2.00000	.37008
2.650	20.000	2.00000	.36374
	GRADIENT	.00000	.00679

0A234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.875	-.00033	497.88623	2.38681	176.31038	1397.95044	1.65875	561.66602	.00000
2.009	-1.849	-.00073	497.68701	2.38681	176.24297	1397.37500	1.65874	561.77588	.00000
2.009	.102	-.00154	497.54858	2.38681	176.18155	1397.04248	1.65875	560.62158	.00000
2.008	2.137	-.00152	497.59961	2.38681	176.21892	1397.10181	1.65873	562.27051	.00000
2.008	4.140	-.00170	497.44434	2.38681	176.16797	1396.64575	1.65873	562.49023	.00000
2.008	6.135	-.00171	497.71753	2.38681	176.26599	1397.40698	1.65873	562.81982	.00000
2.008	8.150	-.00150	497.71851	2.38681	176.26636	1397.40991	1.65873	562.81982	.00000
2.008	10.153	-.00089	497.40601	2.38681	176.16185	1396.50415	1.65872	563.09448	.00000
2.008	12.087	-.00046	497.68066	2.38681	176.25914	1397.27539	1.65872	563.31421	.00000
2.008	14.150	.00026	497.61133	2.38681	176.23647	1397.07251	1.65872	563.42407	.00000
2.008	16.093	.00100	497.86548	2.38681	176.33000	1397.77051	1.65872	563.91821	.00000
2.008	18.144	.00048	497.65771	2.38681	176.25771	1397.18213	1.65872	563.86328	.00000
2.008	20.143	-.00117	497.65210	2.38681	176.25974	1397.14941	1.65871	564.19263	.00000
2.008	21.164	-.00119	497.66528	2.38681	176.26489	1397.18237	1.65871	564.24756	.00000
	GRADIENT	-.00019	-.05142	.00000	-.01617	-.15340	-.00000	.12878	.00000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.934	.28602	502.30347	2.47705	138.58432	1667.72046	1.69673	569.07446	.00000
2.276	-1.790	.28624	502.64355	2.47705	138.67595	1668.86865	1.69673	569.12939	.00000
2.275	.018	.28628	502.46704	2.47705	138.63374	1668.22070	1.69673	569.62231	.00000
2.276	2.025	.28727	502.31299	2.47705	138.58522	1667.76953	1.69674	568.90991	.00000
2.276	4.036	.28775	502.45996	2.47705	138.62566	1668.25854	1.69673	569.01953	.00000
2.275	6.095	.28834	502.41626	2.47705	138.61671	1668.08154	1.69673	569.29370	.00000
2.275	8.082	.28875	502.22485	2.47705	138.56612	1667.42603	1.69672	569.34839	.00000
2.275	10.121	.28897	502.60962	2.47705	138.67239	1668.70386	1.69672	569.67725	.00000
2.275	12.107	.28994	502.26196	2.47705	138.57823	1667.53247	1.69673	569.56763	.00000
2.275	14.122	.29123	502.56323	2.47705	138.66344	1668.51343	1.69672	570.00610	.00000
2.275	16.145	.29175	503.03296	2.47705	138.78967	1670.10425	1.69673	570.06104	.00000
2.275	18.031	.29208	502.69238	2.47705	138.70363	1668.89771	1.69672	570.55371	.00000
2.275	20.119	.29012	502.52026	2.47705	138.65633	1668.32617	1.69672	570.44434	.00000
2.275	21.084	.28962	502.70752	2.47705	138.70479	1669.97754	1.69672	570.28003	.00000
	GRADIENT	.00026	-.00428	.00000	-.00139	-.01196	.00000	-.02347	.00000

0A234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.000	-.17936	499.76489	2.56351	114.66887	1944.75000	1.70693	571.64893	.00000
2.495	-1.927	-.17929	500.06494	2.56351	114.73561	1945.95190	1.70590	571.59448	.00000
2.495	.020	-.17982	499.88770	2.56351	114.69707	1945.22632	1.70651	571.75854	.00000
2.495	2.007	-.17991	500.33154	2.56351	114.79762	1946.97388	1.70499	571.92285	.00000
2.495	4.022	-.17981	500.13428	2.56351	114.75391	1946.18506	1.70567	571.97778	.00000
2.495	6.029	-.18021	499.97998	2.56351	114.72163	1945.52930	1.70619	572.30615	.00000
2.495	8.020	-.18039	500.41504	2.56351	114.81862	1947.27026	1.70471	572.25122	.00000
2.495	10.026	-.18063	500.12744	2.56351	114.75621	1946.09473	1.70569	572.52515	.00000
2.495	11.997	-.17989	500.04248	2.56351	114.73882	1945.72778	1.70598	572.74390	.00000
2.495	14.052	-.17976	499.94067	2.56351	114.71597	1945.32471	1.70633	572.74414	.00000
2.495	16.047	-.17968	500.22437	2.56351	114.78108	1946.42896	1.70536	572.96289	.00000
2.495	17.986	-.17996	500.17651	2.56351	114.77351	1946.18677	1.70552	573.40088	.00000
2.495	20.017	-.18086	500.11865	2.56351	114.75859	1945.98975	1.70572	573.12695	.00000
	GRADIENT	-.00008	.05333	.00000	.01234	.20603	-.00018	.05607	.00000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.663	-3.096	-.11857	434.04224	2.33721	87.42940	1923.18823	1.73393	569.23853	.00000
2.663	-2.119	-.11835	434.02197	2.33721	87.43179	1922.94971	1.73392	569.45776	.00000
2.663	-.088	-.11834	433.85937	2.33721	87.40903	1921.99609	1.73391	569.67700	.00000
2.663	1.899	-.11805	434.10254	2.33721	87.44902	1923.28271	1.73392	569.56763	.00000
2.663	3.930	-.11784	434.09058	2.33721	87.45432	1923.05225	1.73392	569.84131	.00000
2.663	5.897	-.11778	433.93677	2.33721	87.42419	1922.34961	1.73392	569.73193	.00000
2.663	7.915	-.11769	434.02881	2.33721	87.44051	1922.80933	1.73391	569.73193	.00000
2.663	9.950	-.11763	433.97632	2.33721	87.44017	1922.33984	1.73390	570.06055	.00000
2.663	11.925	-.11753	433.92065	2.33721	87.42435	1922.19922	1.73391	569.84155	.00000
2.663	13.924	-.11659	433.91187	2.33721	87.42728	1922.05444	1.73390	570.00586	.00000
2.663	15.923	-.11644	434.14600	2.33721	87.46709	1923.25781	1.73391	569.95117	.00000
2.663	17.906	-.11644	433.89624	2.33721	87.42896	1921.87305	1.73390	570.17017	.00000
2.663	19.912	-.11720	433.80640	2.33721	87.40868	1921.52271	1.73390	570.00586	.00000
2.663	20.906	-.11772	433.88159	2.33721	87.42189	1921.90137	1.73391	570.00586	.00000
	GRADIENT	.00010	.01129	.00000	.00390	.01240	-.00000	.07025	.00000

0A234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (BGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.009	-2.875	-.00033	.40945	1.56873	1.59778	.21964
2.009	-1.849	-.00073	.44523	1.55338	1.62451	.23027
2.009	.102	-.00154	.51852	1.51572	1.67409	.22950
2.008	2.137	-.00152	.59257	1.47302	1.71594	.21494
2.008	4.140	-.00170	.67813	1.4[illegible]761	1.75088	.25102
2.008	6.135	-.00171	.76106	1.37308	1.77782	.29031
2.008	8.150	-.00150	.84411	1.32220	1.80056	.32843
2.008	10.153	-.00089	.92110	1.26773	1.81747	.34884
2.008	12.087	-.00046	.99803	1.20899	1.82793	.36052
2.008	14.150	.00026	1.07635	1.13830	1.83049	.37125
2.008	16.093	.00100	1.14606	1.04607	1.81564	.38302
2.008	18.144	.00048	1.21869	.97191	1.80655	.39699
2.008	20.143	-.00117	1.28624	.89988	1.79066	.41522
2.008	21.164	-.00119	1.32051	.86311	1.78072	.41523
	GRADIENT	-.00019	.03808	-.02024	.02194	.00260

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.276	-2.934	.28602	.46626	1.64901	1.67823	.20661
2.276	-1.790	.28624	.50494	1.63446	1.71135	.20472
2.275	.018	.28628	.56935	1.60833	1.75781	.20576
2.276	2.025	.28727	.64067	1.56850	1.80269	.21952
2.276	4.036	.28775	.71770	1.52494	1.84290	.23316
2.275	6.095	.28834	.80318	1.47251	1.87305	.26191
2.275	8.082	.28875	.88951	1.41686	1.89690	.31131
2.275	10.121	.28897	.97302	1.35158	1.91234	.35541
2.275	12.107	.28994	1.04690	1.28635	1.92318	.36911
2.275	14.122	.29123	1.12220	1.21611	1.92453	.37159
2.275	16.145	.29175	1.19765	1.14537	1.91923	.38205
2.275	18.031	.29208	1.26473	1.07390	1.91184	.38197
2.275	20.119	.29012	1.33553	.99500	1.89427	.36862
2.275	21.084	.28962	1.36670	.95729	1.88532	.34959
	GRADIENT	.00026	.03602	-.01784	.02356	.00398

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (BGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.495	-3.000	-.17936	.50871	1.72451	1.78152	.21851
2.495	-1.927	-.17929	.54547	1.70888	1.81252	.21830
2.495	.020	-.17982	.61236	1.67291	1.86555	.22098
2.495	2.007	-.17991	.68425	1.63372	1.91729	.23076
2.495	4.022	-.17981	.76154	1.58820	1.95912	.24669
2.495	6.029	-.18021	.84817	1.53605	1.99330	.27303
2.495	8.020	-.18039	.93850	1.47710	2.02095	.30754
2.495	10.026	-.18063	1.02077	1.41249	2.03881	.34619
2.495	11.997	-.17989	1.10304	1.35134	2.04947	.37005
2.495	14.052	-.17976	1.18136	1.28264	2.04961	.38861
2.495	16.047	-.17968	1.25750	1.21742	2.04771	.38248
2.495	17.986	-.17996	1.33038	1.14855	2.04021	.39522
2.495	20.017	-.18086	1.40234	1.07560	2.01970	.38834
	GRADIENT	-.00008	.03590	-.01945	.02549	.00394

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.663	-3.096	-.11857	.53134	1.75992	1.82106	.20998
2.663	-2.119	-.11835	.56329	1.74767	1.85354	.21069
2.663	-.088	-.11834	.63169	1.71728	1.91114	.21810
2.663	1.899	-.11805	.70576	1.67633	1.96319	.22315
2.663	3.930	-.11784	.77929	1.63369	2.00804	.23566
2.663	5.897	-.11778	.86264	1.57710	2.04047	.25991
2.663	7.915	-.11769	.95232	1.52374	2.07156	.29060
2.663	9.950	-.11763	1.03834	1.45640	2.08527	.31946
2.663	11.925	-.11753	1.12331	1.39843	2.10593	.34770
2.663	13.924	-.11659	1.19958	1.33164	2.10355	.37446
2.663	15.923	-.11644	1.27542	1.25904	2.09831	.37947
2.663	17.906	-.11644	1.34692	1.18700	2.08817	.37312
2.663	19.912	-.11720	1.41828	1.10746	2.07395	.35828
2.663	20.906	-.11772	1.44808	1.06921	2.06154	.34878
	GRADIENT	.00010	.03539	-.01806	.02662	.00359

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.847	-.00057	498.22363	2.44451	176.31262	1399.41992	1.65886	551.91968	.00000
2.009	-1.840	-.00102	498.33105	2.44451	176.35669	1399.69482	1.65885	552.52661	.00000
2.009	.168	-.00135	498.32959	2.44451	176.36185	1399.66626	1.65885	553.02295	.00000
2.009	2.120	-.00107	498.26196	2.44451	176.33975	1399.46704	1.65884	553.13330	.00000
2.009	4.071	-.00088	498.31665	2.44451	176.36243	1399.60669	1.65884	553.46411	.00000
2.009	6.094	-.00079	498.17236	2.44451	176.31978	1399.16431	1.65883	554.07056	.00000
2.009	8.044	-.00052	498.19946	2.44451	176.33034	1399.23486	1.65883	554.18066	.00000
2.009	10.069	-.00016	498.21021	2.44451	176.33852	1399.24609	1.65882	554.56665	.00000
2.009	12.083	.00016	498.24268	2.44451	176.35417	1399.31812	1.65882	554.95239	.00000
2.009	14.038	.00067	498.53198	2.44451	176.45657	1400.13062	1.65882	555.17285	.00000
2.009	16.081	.00108	498.34570	2.44451	176.39487	1399.58936	1.65882	555.39307	.00000
2.009	18.137	.00054	498.44531	2.44451	176.43375	1399.85083	1.65881	555.77881	.00000
2.009	20.133	-.00119	498.28882	2.44451	176.38124	1399.40112	1.65881	555.88892	.00000
2.009	21.181	-.00104	498.22119	2.44451	176.36166	1399.19092	1.65881	556.21948	.00000
	GRADIENT	-.00003	.00514	-.00000	.00408	.00447	-.00000	.20090	.00000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.875	.28547	501.76440	2.49529	138.40048	1666.26123	1.69677	565.18091	.00000
2.276	-1.900	.28576	502.46460	2.49529	138.58965	1668.62476	1.69677	565.34546	.00000
2.276	-.037	.28594	502.31958	2.49529	138.55260	1668.11401	1.69677	565.51001	.00000
2.276	1.989	.28685	502.54687	2.49529	138.61443	1668.87524	1.69677	565.61987	.00000
2.276	3.988	.28754	502.61377	2.49529	138.63629	1669.06787	1.69676	566.00391	.00000
2.276	5.906	.28792	502.73950	2.49529	138.66998	1669.49268	1.69677	566.00391	.00000
2.276	9.901	.28905	502.56543	2.49529	138.63116	1668.82764	1.69675	566.77173	.00000
2.276	11.941	.29009	502.65015	2.49529	138.65491	1669.10742	1.69675	566.88135	.00000
2.276	13.949	.29139	502.75635	2.49529	138.68730	1669.42920	1.69675	567.26538	.00000
2.276	15.980	.29170	502.66284	2.49529	138.66223	1669.11426	1.69675	567.26538	.00000
2.276	17.998	.28917	502.34058	2.49529	138.58206	1667.96021	1.69674	567.85865	.00000
2.276	20.031	.29003	502.52832	2.49529	138.63129	1668.60889	1.69675	567.75903	.00000
2.276	21.095	.28959	502.61475	2.49529	138.65813	1668.86719	1.69674	568.14282	.00000
	GRADIENT	.00030	.09280	.00000	.02595	.30470	-.00000	.10873	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.496	-2.989	-.17974	499.37012	2.58967	114.54590	1943.73242	1.70695	566.77148	.00000
2.496	-2.002	-.17969	499.43774	2.58967	114.56419	1943.95190	1.70672	567.21021	.00000
2.496	-.146	-.17990	500.31079	2.58967	114.75952	1947.42920	1.70674	567.21045	.00000
2.496	1.888	-.18031	499.90137	2.58967	114.66904	1945.77979	1.70514	567.37476	.00000
2.496	3.878	-.18020	499.93311	2.58967	114.67729	1945.88843	1.70503	567.53931	.00000
2.496	5.848	-.18042	499.92407	2.58967	114.67918	1945.78931	1.70506	568.08765	.00000
2.496	7.838	-.18045	500.09106	2.58967	114.71725	1946.44214	1.70449	568.19751	.00000
2.496	9.847	-.18068	500.09204	2.58967	114.71780	1946.43921	1.70449	568.25195	.00000
2.495	11.863	-.17988	500.13062	2.58967	114.72885	1946.55493	1.70436	568.58081	.00000
2.495	13.871	-.17980	500.09839	2.58967	114.72713	1946.34180	1.70447	569.34814	.00000
2.495	15.918	-.17971	499.90015	2.58967	114.68002	1945.59521	1.70514	568.96460	.00000
2.495	17.920	-.18000	500.24268	2.58967	114.75662	1946.95972	1.70397	568.96460	.00000
2.495	19.994	-.18087	500.01440	2.58967	114.70439	1946.06641	1.70475	568.80029	.00000
2.495	21.013	-.18113	500.19922	2.58967	114.74535	1946.81201	1.70412	568.74536	.00000
	GRADIENT	-.00009	.08412	.00000	.01947	.32474	-.00029	.09183	.00000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.664	-3.065	-.11922	433.39160	2.35381	87.22588	1921.98779	1.73402	566.00342	.00000
2.664	-2.030	-.11898	433.48047	2.35381	87.24307	1922.39429	1.73402	566.05811	.00000
2.664	-.104	-.11874	433.10449	2.35381	87.18132	1920.40723	1.73400	566.22290	.00000
2.664	1.882	-.11877	433.42017	2.35381	87.23401	1922.05713	1.73401	566.11304	.00000
2.664	3.846	-.11842	433.69214	2.35381	87.28636	1923.32056	1.73402	566.27783	.00000
2.664	5.800	-.11827	433.36621	2.35381	87.23351	1921.57690	1.73400	566.44238	.00000
2.664	7.782	-.11813	433.44043	2.35381	87.24507	1921.98560	1.73401	566.38745	.00000
2.664	9.771	-.11793	433.41211	2.35381	87.24159	1921.80640	1.73400	566.44238	.00000
2.664	11.804	-.11777	433.38965	2.35381	87.24066	1921.62646	1.73400	566.55200	.00000
2.664	13.848	-.11685	433.52222	2.35381	87.26555	1922.25342	1.73400	566.60669	.00000
2.664	15.834	-.11671	433.50244	2.35381	87.25903	1922.22339	1.73400	566.49707	.00000
2.664	17.860	-.11670	433.48853	2.35381	87.26109	1922.04883	1.73400	566.66162	.00000
2.664	19.918	-.11752	433.52222	2.35381	87.27159	1922.11328	1.73399	566.82642	.00000
2.664	20.924	-.11803	433.52686	2.35381	87.27393	1922.10425	1.73400	566.88110	.00000
	GRADIENT	.00010	.03286	.00000	.00671	.14372	-.00000	.03327	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (8GY005) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.009	-2.847	-.00057	1.58340	.19238	.20059
2.009	-1.840	-.00102	1.61109	.19432	.20036
2.009	.168	-.00135	1.66346	.22012	.21364
2.009	2.120	-.00107	1.70237	.20095	.21952
2.009	4.071	-.00088	1.73891	.23898	.22732
2.009	6.094	-.00079	1.76851	.29519	.26410
2.009	8.044	-.00052	1.78752	.31560	.28277
2.009	10.069	-.00016	1.80222	.34067	.31174
2.009	12.083	.00016	1.81060	.35086	.34870
2.009	14.038	.00067	1.81137	.34902	.37103
2.009	16.081	.00108	1.80557	.36610	.36912
2.009	18.137	.00054	1.79613	.36682	.36207
2.009	20.133	-.00119	1.78160	.35204	.34347
2.009	21.181	-.00104	1.77352	.35590	.33387
	GRADIENT	-.00003	.02245	.00564	.00412

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.276	-2.875	.28547	1.67714	.19953	.17981
2.276	-1.900	.28576	1.70642	.20045	.18333
2.276	-.037	.28594	1.75799	.20358	.19758
2.276	1.989	.28685	1.80545	.21676	.22018
2.276	3.988	.28754	1.84642	.23608	.22152
2.276	5.906	.28792	1.87410	.28514	.25089
2.276	9.901	.28905	1.91959	.34917	.28623
2.276	11.941	.29009	1.92603	.36435	.30825
2.276	13.949	.29139	1.92528	.36084	.35314
2.276	15.980	.29170	1.92251	.37284	.33644
2.276	17.998	.28917	1.90939	.37434	.33151
2.276	20.031	.29003	1.89303	.36929	.32560
2.276	21.095	.28959	1.88275	.35575	.31764
	GRADIENT	.00030	.02468	.00522	.00684

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (BGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.496	-2.989	-.17974	1.75699	.19849	.20237
2.496	-2.002	-.17969	1.78871	.20319	.21095
2.496	-.146	-.17990	1.83859	.20999	.22935
2.496	1.888	-.18031	1.89017	.21443	.25489
2.496	3.876	-.18020	1.93188	.23897	.24801
2.496	5.848	-.18042	1.96860	.27079	.26820
2.496	7.838	-.18045	1.99554	.30216	.28968
2.496	9.847	-.18068	2.00680	.32549	.30140
2.495	11.863	-.17988	2.02118	.34465	.31970
2.495	13.871	-.17980	2.02403	.36281	.36539
2.495	15.918	-.17971	2.02620	.35947	.37023
2.495	17.920	-.18000	2.01867	.35983	.34821
2.495	19.994	-.18087	2.00929	.35991	.34528
2.495	21.013	-.18113	1.99548	.35797	.34205
	GRADIENT	-.00009	.02545	.00530	.00757

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.664	-3.065	-.11922	1.79908	.19713	.21847
2.664	-2.030	-.11898	1.83304	.20097	.22728
2.664	-.104	-.11874	1.89053	.20967	.24396
2.664	1.882	-.11877	1.94230	.21536	.25309
2.664	3.846	-.11842	1.98400	.24845	.26284
2.664	5.800	-.11827	2.01845	.26289	.26537
2.664	7.782	-.11813	2.04982	.27911	.28209
2.664	9.771	-.11793	2.06635	.29937	.29292
2.664	11.804	-.11777	2.07794	.32626	.30441
2.664	13.848	-.11685	2.08429	.35211	.35112
2.664	15.834	-.11671	2.07926	.33582	.36114
2.664	17.860	-.11670	2.07431	.33547	.35285
2.664	19.918	-.11752	2.05229	.32398	.33391
2.664	20.924	-.11803	2.04274	.31834	.33323
	GRADIENT	.00010	.02686	.00671	.00639

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.895	2.09866	500.06372	2.27046	177.35080	1402.86499	1.65849	585.68872	.00000
2.007	-1.789	2.09877	498.44263	2.27046	176.79118	1398.24854	1.65847	585.58032	.00000
2.007	.164	2.09925	495.57983	2.27046	175.80011	1390.11060	1.65845	585.14331	.00000
2.007	2.143	2.09911	495.85693	2.27046	175.89012	1390.92456	1.65846	584.70703	.00000
2.007	4.138	2.09819	496.06177	2.27046	175.95793	1391.52051	1.65846	584.48975	.00000
2.007	5.942	2.09802	497.90112	2.27046	176.59743	1396.73779	1.65847	584.98071	.00000
2.007	8.132	2.09743	498.20361	2.27046	176.69817	1397.61426	1.65848	584.70679	.00000
2.007	10.138	2.09735	498.20361	2.27046	176.69746	1397.61670	1.65848	584.65332	.00000
2.007	12.232	2.09732	498.19458	2.27046	176.69040	1397.60889	1.65849	584.32617	.00000
2.007	14.172	2.09679	498.31885	2.27046	176.73000	1397.97681	1.65849	584.05347	.00000
2.007	16.176	2.09668	498.09033	2.27046	176.65378	1397.31519	1.65849	584.27124	.00000
2.007	18.190	2.09722	498.30884	2.27046	176.73248	1397.92456	1.65848	584.54272	.00000
2.007	19.472	2.09732	498.14185	2.27046	176.67288	1397.45581	1.65848	584.38013	.00000
	GRADIENT	-.00004	-.56164	.00000	-.19564	-1.59129	-.00000	-.18231	.00000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.927	2.16973	504.26538	2.35446	139.33789	1672.24536	1.69652	591.29785	.00000
2.274	-1.801	2.16947	503.47046	2.35446	139.12437	1669.55029	1.69651	591.24219	.00000
2.274	.167	2.16947	503.91064	2.35446	139.24240	1671.04321	1.69652	591.24316	.00000
2.274	2.107	2.16918	504.00903	2.35446	139.26982	1671.36743	1.69652	591.35229	.00000
2.274	4.063	2.16771	502.52319	2.35446	138.87431	1666.30029	1.69650	591.56934	.00000
2.274	6.077	2.16725	502.55322	2.35446	138.88516	1666.37695	1.69651	591.84106	.00000
2.274	8.052	2.16659	502.72925	2.35446	138.93228	1666.97559	1.69650	591.84106	.00000
2.274	10.02	2.16621	502.39014	2.35446	138.83299	1665.90112	1.69651	591.02466	.00000
2.274	12.091	2.16589	503.34351	2.35446	139.09050	1669.11987	1.69652	591.24219	.00000
2.274	14.112	2.16557	503.50122	2.35446	139.13667	1669.61914	1.69651	591.62427	.00000
2.274	16.099	2.16531	503.51343	2.35446	139.13324	1669.72119	1.69652	590.97168	.00000
2.274	18.294	2.16534	503.35181	2.35446	139.09666	1669.11157	1.69652	591.62329	.00000
2.274	19.543	2.16476	503.29077	2.35446	139.08032	1668.90112	1.69651	591.62476	.00000
	GRADIENT	-.00025	-.16217	.00000	-.04301	-.55475	-.00000	.03842	.00000

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.060	1.91639	500.39185	2.50676	114.85129	1946.57324	1.70526	577.49268	.00000
2.495	-1.994	1.91626	500.10669	2.50676	114.79388	1945.33569	1.70623	578.36548	.00000
2.495	-.048	1.91647	500.32397	2.50676	114.84891	1946.09814	1.70549	579.23926	.00000
2.495	2.010	1.91652	500.35645	2.50676	114.85780	1946.20337	1.70538	579.45947	.00000
2.495	3.973	1.91622	500.23999	2.50676	114.83690	1945.65820	1.70577	580.16870	.00000
2.495	5.968	1.91641	500.44946	2.50676	114.88814	1946.42285	1.70506	580.77051	.00000
2.494	7.982	1.91644	500.30835	2.50676	114.86186	1945.77783	1.70554	581.47729	.00000
2.495	9.988	1.91658	500.46997	2.50676	114.89755	1946.42993	1.70499	581.42358	.00000
2.494	11.981	1.91616	500.41870	2.50676	114.89172	1946.13135	1.70516	582.18921	.00000
2.494	14.017	1.91649	500.31519	2.50676	114.87379	1945.63477	1.70552	582.89893	.00000
2.494	16.004	1.91630	500.29199	2.50676	114.87389	1945.46094	1.70560	583.60693	.00000
2.494	18.261	1.91656	500.30908	2.50676	114.88019	1945.48877	1.70554	583.93555	.00000
2.494	19.676	1.91638	500.29907	2.50676	114.88237	1945.37842	1.70557	584.53320	.00000
	GRADIENT	-.00000	-.00023	-.00000	.00250	-.04121	.00000	.34782	.00000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.657	-3.120	2.02014	434.46899	2.25591	87.89029	1916.44922	1.73349	583.82520	.00000
2.657	-1.959	2.02012	435.36426	2.25591	88.06660	1920.50635	1.73350	584.47949	.00000
2.657	-.015	2.02033	435.39038	2.25591	88.07404	1920.57495	1.73350	584.58618	.00000
2.657	1.969	2.02033	434.85522	2.25591	87.98685	1917.73145	1.73347	584.91138	.00000
2.657	3.913	2.01957	434.69849	2.25591	87.96313	1916.85645	1.73346	585.07739	.00000
2.657	5.951	2.01959	434.06470	2.25591	87.84726	1913.78174	1.73346	584.96997	.00000
2.657	7.942	2.01989	435.39038	2.25591	88.08939	1920.22437	1.73348	585.18848	.00000
2.657	9.888	2.01952	434.94458	2.25591	88.00987	1918.01367	1.73347	585.18726	.00000
2.657	11.876	2.01920	435.45728	2.25591	88.11246	1920.29883	1.73347	585.62451	.00000
2.657	13.913	2.01957	435.24463	2.25591	88.08972	1918.89722	1.73345	586.22339	.00000
2.657	15.932	2.01946	435.53613	2.25591	88.14590	1920.24951	1.73345	586.38647	.00000
2.657	17.947	2.01950	435.60034	2.25591	88.16977	1920.28394	1.73343	586.87646	.00000
2.657	19.410	2.01975	435.59863	2.25591	88.17224	1920.20947	1.73343	586.98700	.00000
	GRADIENT	-.00006	-.01509	.00000	.00134	-.16690	-.00001	.15791	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (BGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.007	-2.895	2.09866	1.59370	.22081	.16737
2.007	-1.789	2.09877	1.62604	.22679	.16627
2.007	.164	2.09925	1.67395	.25022	.17716
2.007	2.143	2.09911	1.71864	.23753	.19102
2.007	4.138	2.09819	1.75454	.28047	.20316
2.007	5.942	2.09802	1.77848	.31997	.22824
2.007	8.132	2.09743	1.80137	.34486	.24883
2.007	10.138	2.09735	1.81622	.39414	.27603
2.007	12.232	2.09732	1.81982	.41543	.30817
2.007	14.172	2.09679	1.82298	.40511	.32293
2.007	16.176	2.09668	1.81637	.41274	.31452
2.007	18.190	2.09722	1.80603	.40887	.30419
2.007	19.472	2.09732	1.79962	.43259	.29549
	GRADIENT	-.00004	.02288	.00726	.00545

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.274	-2.927	2.16973	1.68410	.23239	.15504
2.274	-1.801	2.16947	1.71421	.23207	.16403
2.274	.167	2.16947	1.76733	.23632	.18243
2.274	2.107	2.16918	1.81368	.25793	.19720
2.274	4.063	2.16771	1.85386	.27400	.19467
2.274	6.077	2.16725	1.88908	.31101	.22311
2.274	8.052	2.16659	1.91477	.36257	.24128
2.274	10.029	2.16621	1.93324	.38774	.25008
2.274	12.091	2.16589	1.94299	.40597	.27756
2.274	14.112	2.16557	1.94478	.40505	.30405
2.274	16.099	2.16531	1.93862	.40170	.30027
2.274	18.294	2.16534	1.92773	.40538	.28250
2.274	19.543	2.16476	1.92335	.40017	.27901
	GRADIENT	-.00025	.02447	.00624	.00621

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (BGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.495	-3.060	1.91639	1.77883	.23621	.17980
2.495	-1.994	1.91626	1.81170	.24027	.18816
2.495	-.048	1.91647	1.86592	.24550	.20675
2.495	2.010	1.91652	1.92077	.25238	.21061
2.495	3.973	1.91622	1.96906	.26255	.20998
2.495	5.968	1.91641	1.99593	.30977	.23570
2.494	7.982	1.91644	2.02948	.35781	.25361
2.495	9.988	1.91658	2.04812	.37803	.26435
2.494	11.981	1.91616	2.06254	.39026	.30369
2.494	14.017	1.91649	2.06015	.40438	.31612
2.494	16.004	1.91630	2.05071	.40539	.32141
2.494	18.261	1.91656	2.04710	.41571	.30027
2.494	19.676	1.91638	2.03308	.41565	.30068
	GRADIENT	-.00000	.02701	.00360	.00445

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.657	-3.120	2.02014	1.80787	.22742	.19320
2.657	-1.959	2.02012	1.85051	.23157	.20088
2.657	-.015	2.02033	1.91148	.24231	.19926
2.657	1.969	2.02033	1.96992	.25976	.20971
2.657	3.913	2.01957	2.00945	.29134	.22243
2.657	5.951	2.01959	2.04707	.29965	.23164
2.657	7.942	2.01989	2.07702	.32659	.24293
2.657	9.888	2.01952	2.09928	.34393	.25030
2.657	11.876	2.01920	2.11395	.36605	.29183
2.657	13.913	2.01957	2.11235	.38604	.30087
2.657	15.932	2.01946	2.11902	.39006	.31089
2.657	17.947	2.01950	2.09616	.38804	.30887
2.657	19.410	2.01975	2.08976	.38250	.29197
	GRADIENT	-.00006	.02888	.00880	.00375

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.995	-2.879	-.00043	300.38208	1.50022	107.85104	836.93628	1.65639	547.83301	.00000
1.995	-1.876	-.00041	299.45996	1.50022	107.53209	834.31567	1.65637	547.94360	.00000
1.995	.082	-.00060	299.98047	1.50022	107.71785	835.77124	1.65638	548.49658	.00000
1.995	2.088	-.00062	300.18262	1.50022	107.78380	836.36182	1.65638	548.05420	.00000
1.995	4.039	-.00052	300.09912	1.50022	107.75331	836.13184	1.65638	547.88843	.00000
1.995	6.058	-.00021	299.85547	1.50022	107.66924	835.43848	1.65638	547.94360	.00000
1.995	8.060	-.00002	299.85352	1.50022	107.67834	835.39136	1.65636	548.99390	.00000
1.995	9.961	.00011	299.98389	1.50022	107.72360	835.76099	1.65636	548.99390	.00000
1.995	12.018	.00052	299.84253	1.50022	107.67554	835.35522	1.65636	549.10425	.00000
1.995	14.022	.00116	299.87085	1.50022	107.68533	835.43433	1.65636	549.10425	.00000
1.995	16.049	-.00033	299.88135	1.50022	107.68297	835.49097	1.65637	548.44141	.00000
1.995	18.104	.00092	299.83496	1.50022	107.67337	835.33154	1.65636	549.15942	.00000
1.995	20.166	-.00017	299.83936	1.50022	107.67439	835.34644	1.65636	549.10425	.00000
1.995	21.172	-.00030	299.95337	1.50022	107.71198	835.67871	1.65636	548.88330	.00000
	GRADIENT	-.00002	.02067	.00000	.00723	.05845	-.00000	.00708	.00000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.259	-2.911	.28754	302.22949	1.57636	84.60271	992.23901	1.69474	550.87134	.00000
2.259	-1.920	.28763	304.36328	1.57636	85.18001	999.42480	1.69477	550.87134	.00000
2.259	.077	.28813	304.57910	1.57636	85.24884	1000.05835	1.69476	552.30615	.00000
2.259	2.013	.28847	304.61426	1.57636	85.24796	1000.26953	1.69478	550.87134	.00000
2.259	3.972	.28892	304.51050	1.57636	85.21988	999.91992	1.69478	550.87134	.00000
2.259	5.966	.28935	304.67065	1.57636	85.26445	1000.44849	1.69478	551.03711	.00000
2.259	7.924	.28987	304.35889	1.57636	85.18405	999.36328	1.69477	551.58887	.00000
2.259	9.965	.29014	304.44287	1.57636	85.20676	999.64575	1.69477	551.58887	.00000
2.259	12.002	.29078	304.52539	1.57636	85.23198	999.89893	1.69476	551.97510	.00000
2.259	13.929	.29166	304.33691	1.57636	85.18056	999.26709	1.69476	551.91992	.00000
2.259	15.988	.29002	304.71411	1.57636	85.28415	1000.52222	1.69477	552.14062	.00000
2.259	18.014	.29224	304.45093	1.57636	85.21220	999.64526	1.69476	552.03027	.00000
2.259	20.056	.29103	304.57617	1.57636	85.24567	1000.06934	1.69477	551.97510	.00000
2.259	21.087	.29050	304.51855	1.57636	85.23128	999.86621	1.69477	552.14062	.00000
	GRADIENT	.00020	.24272	.00000	.06562	.81780	.00000	-.00767	.00000

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.478	-2.981	-.18033	302.30371	1.62752	70.35457	1160.84399	2.81968	555.55835	.00000
2.477	-2.006	-.18020	301.03638	1.62752	70.06975	1155.82178	2.83155	555.66870	.00000
2.478	.007	-.17969	303.37964	1.62752	70.59431	1165.13818	2.80968	555.11792	.00000
2.478	1.900	-.18053	303.49121	1.62752	70.62265	1165.53149	2.80865	555.66870	.00000
2.478	3.898	-.18039	303.93506	1.62752	70.72389	1167.26709	2.80455	555.88916	.00000
2.478	5.856	-.18046	303.95361	1.62752	70.72708	1167.35522	2.80438	555.72388	.00000
2.478	7.842	-.18039	303.99902	1.62752	70.73636	1167.54932	2.80396	555.55859	.00000
2.478	9.843	-.18030	303.15601	1.62752	70.54713	1164.20557	2.81176	555.66870	.00000
2.478	11.855	-.18005	303.31274	1.62752	70.58148	1164.84009	2.81030	555.50342	.00000
2.478	13.855	-.17960	303.26343	1.62752	70.57004	1164.65137	2.81076	555.44849	.00000
2.478	15.906	-.17949	303.27979	1.62752	70.57149	1164.74854	2.81061	555.06274	.00000
2.478	17.895	-.17974	303.29517	1.62752	70.57684	1164.78076	2.81047	555.39331	.00000
2.478	19.957	-.17998	303.24121	1.62752	70.56441	1164.57227	2.81097	555.33813	.00000
2.478	20.984	-.18027	303.31494	1.62752	70.58070	1164.86719	2.81028	555.28320	.00000
	GRADIENT	-.00003	.33994	-.00000	.07679	1.34104	-.00316	.03980	.00000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.641	-3.021	-.11936	307.18311	1.76485	62.90204	1337.88452	1.73224	559.74146	.00000
2.641	-2.066	-.11913	307.87158	1.76485	63.04735	1340.78735	1.73224	559.68652	.00000
2.641	-.046	-.11867	307.42017	1.76485	62.95583	1338.79980	1.73224	558.91650	.00000
2.641	1.847	-.11896	307.43677	1.76485	62.95778	1338.90405	1.73224	559.24658	.00000
2.641	3.814	-.11865	307.26929	1.76485	62.92277	1338.19141	1.73224	559.19165	.00000
2.641	5.828	-.11863	307.21997	1.76485	62.91213	1337.98804	1.73224	559.24634	.00000
2.641	7.822	-.11851	307.37085	1.76485	62.94464	1338.60815	1.73224	559.08179	.00000
2.641	9.811	-.11839	307.26758	1.76485	62.92368	1338.15601	1.73223	558.91650	.00000
2.641	11.808	-.11836	307.45337	1.76485	62.96332	1338.92847	1.73223	558.80640	.00000
2.641	13.799	-.11750	307.35083	1.76485	62.93991	1338.53564	1.73223	559.19165	.00000
2.641	15.826	-.11855	307.17261	1.76485	62.90140	1337.80566	1.73224	559.41162	.00000
2.641	17.864	-.11744	307.34180	1.76485	62.93625	1338.53687	1.73224	559.57666	.00000
2.641	19.887	-.11788	307.22534	1.76485	62.91225	1338.03540	1.73225	559.46655	.00000
2.641	20.933	-.11826	307.25391	1.76485	62.91873	1338.14258	1.73224	559.35645	.00000
	GRADIENT	.00009	-.02459	.00000	-.00478	-.11274	.00000	-.08487	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (BGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
1.995	-2.879	-.00043	1.57828	.19549	.21984
1.995	-1.876	-.00041	1.60873	.19752	.22481
1.995	.082	-.00060	1.65538	.20523	.23535
1.995	2.088	-.00062	1.69887	.23347	.23705
1.995	4.039	-.00052	1.73604	.23794	.24797
1.995	6.058	-.00021	1.76225	.27528	.27241
1.995	8.060	-.00002	1.78291	.30502	.28995
1.995	9.961	.00011	1.79999	.33781	.29765
1.995	12.018	.00052	1.80611	.34719	.32350
1.995	14.022	.00116	1.80458	.35590	.34370
1.995	16.049	-.00033	1.79065	.34923	.34851
1.995	18.104	.00092	1.79394	.36371	.34146
1.995	20.166	-.00017	1.78180	.35655	.34506
1.995	21.172	-.00030	1.77260	.34300	.33654
	GRADIENT	-.00002	.02277	.00689	.00382

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.259	-2.911	.28754	1.66239	.20461	.21743
2.259	-1.920	.28763	1.69427	.20492	.22047
2.259	.077	.28813	1.74805	.21182	.22948
2.259	2.013	.28847	1.79245	.23943	.24296
2.259	3.972	.28892	1.83211	.24676	.24535
2.259	5.966	.28935	1.86570	.27552	.25434
2.259	7.924	.28987	1.88897	.30539	.27145
2.259	9.965	.29014	1.90535	.32714	.28190
2.259	12.002	.29078	1.91238	.34225	.29632
2.259	13.929	.29166	1.91028	.36003	.35084
2.259	15.988	.29002	1.90678	.35599	.35458
2.259	18.014	.29224	1.89380	.36078	.32332
2.259	20.056	.29103	1.88043	.33916	.32008
2.259	21.087	.29050	1.86992	.32875	.32168
	GRADIENT	.00020	.02457	.00684	.00443

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (BGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.478	-2.981	-.18033	1.74690	.20108	.24450
2.477	-2.006	-.18020	1.77443	.20715	.25075
2.478	.007	-.17969	1.82900	.20875	.25059
2.478	1.900	-.18053	1.88160	.22882	.26142
2.478	3.898	-.18039	1.92103	.24240	.26930
2.478	5.856	-.18046	1.95443	.26963	.27175
2.478	7.842	-.18039	1.98660	.28849	.28424
2.478	9.843	-.18030	2.00218	.31168	.29252
2.478	11.855	-.18005	2.00789	.33284	.31440
2.478	13.855	-.17960	2.01410	.35874	.35732
2.478	15.906	-.17949	2.01246	.35145	.36848
2.478	17.895	-.17974	2.00611	.35238	.34032
2.478	19.957	-.17998	1.99229	.34043	.33830
2.478	20.984	-.18027	1.97866	.33598	.33953
	GRADIENT	-.00003	.02579	.00596	.00340

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.641	-3.021	-.11936	1.77398	.19520	.24074
2.641	-2.066	-.11913	1.80444	.19877	.24210
2.641	-.046	-.11867	1.86491	.20340	.24260
2.641	1.847	-.11896	1.91580	.22102	.25042
2.641	3.814	-.11865	1.95553	.23869	.25899
2.641	5.828	-.11863	1.99410	.25499	.26760
2.641	7.822	-.11851	2.01895	.27506	.27996
2.641	9.811	-.11839	2.03793	.29397	.28556
2.641	11.808	-.11836	2.04579	.31064	.32953
2.641	13.799	-.11750	2.05145	.34302	.34232
2.641	15.826	-.11855	2.04938	.34178	.35158
2.641	17.864	-.11744	2.04682	.32487	.35428
2.641	19.897	-.11788	2.02380	.32340	.32480
2.641	20.933	-.11826	2.01453	.31854	.32904
	GRADIENT	.00009	.02685	.00630	.00260

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.863	-.00081	497.78516	2.40052	176.23209	1397.85620	1.65878	557.98145	.00000
2.009	-1.864	-.00122	497.87183	2.40052	176.27025	1398.06567	1.65878	558.69653	.00000
2.009	.086	-.00167	497.76318	2.40052	176.23929	1397.72827	1.65877	559.24683	.00000
2.009	2.088	-.00161	498.00171	2.40052	176.32748	1398.38086	1.65876	559.74170	.00000
2.009	4.119	-.00109	497.99097	2.40052	176.32816	1398.32861	1.65876	560.12671	.00000
2.009	6.129	-.00118	497.88721	2.40052	176.29698	1398.01538	1.65876	560.51172	.00000
2.009	8.112	-.00095	497.84790	2.40052	176.29131	1397.86597	1.65875	561.17139	.00000
2.009	10.065	-.00061	498.16797	2.40052	176.40411	1398.76831	1.65875	561.39111	.00000
2.008	12.103	-.00038	497.93359	2.40052	176.33054	1398.06934	1.65874	561.99585	.00000
2.008	14.160	.00003	497.90698	2.40052	176.32675	1397.96729	1.65873	562.43530	.00000
2.008	16.122	.00083	497.93433	2.40052	176.33809	1398.03540	1.65873	562.60010	.00000
2.008	18.211	.00017	498.07959	2.40052	176.39275	1398.43042	1.65873	562.98462	.00000
2.008	20.216	-.00167	498.14990	2.40052	176.42152	1398.61157	1.65873	563.36890	.00000
2.008	21.289	-.00161	497.80542	2.40052	176.30598	1397.61304	1.65872	563.64355	.00000
	GRADIENT	-.00004	.03026	-.00000	.01385	.07080	-.00000	.29048	.00000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.883	.28551	502.88599	2.46528	138.74706	1669.63696	1.69673	569.73242	.00000
2.275	-1.880	.28584	503.08154	2.46528	138.80492	1670.24927	1.69673	570.28027	.00000
2.275	-.025	.28601	502.71167	2.46528	138.70824	1668.96997	1.69672	570.49927	.00000
2.275	2.052	.28648	502.82886	2.46528	138.74290	1669.33667	1.69672	570.82788	.00000
2.275	3.932	.28727	502.76489	2.46528	138.72749	1669.10229	1.69671	570.99219	.00000
2.275	5.994	.28791	502.99146	2.46528	138.79149	1669.84106	1.69671	571.32104	.00000
2.275	7.992	.28826	502.83667	2.46528	138.74947	1669.32104	1.69671	571.26611	.00000
2.275	9.965	.28862	502.88647	2.46528	138.76830	1669.43750	1.69670	571.81372	.00000
2.275	12.063	.28959	503.04834	2.46528	138.81613	1669.94482	1.69671	572.25171	.00000
2.275	14.067	.29070	502.97314	2.46528	138.79817	1669.67114	1.69670	572.47070	.00000
2.275	16.136	.29117	503.13086	2.46528	138.84325	1670.18115	1.69670	572.74438	.00000
2.275	18.068	.29151	502.77588	2.46528	138.75157	1668.94312	1.69670	573.07300	.00000
2.275	20.151	.28947	502.88232	2.46528	138.78348	1669.27295	1.69669	573.40112	.00000
2.275	21.149	.28909	502.87891	2.46528	138.78430	1669.24463	1.69669	573.56519	.00000
	GRADIENT	.00024	-.02943	-.00000	-.00615	-.11655	-.00000	.16886	.00000

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.012	-.17972	500.11035	2.55996	114.73987	1946.22729	1.70585	570.77319	.00000
2.495	-1.994	-.17974	500.03052	2.55996	114.72356	1945.88403	1.70613	570.99219	.00000
2.495	-.182	-.17988	500.00513	2.55996	114.72031	1945.74487	1.70621	571.32080	.00000
2.495	1.884	-.18039	499.81299	2.55996	114.67850	1944.96045	1.70687	571.48486	.00000
2.495	3.910	-.18015	500.47070	2.55996	114.82947	1947.51929	1.70463	572.03271	.00000
2.495	5.904	-.18060	500.92261	2.55996	114.93375	1949.26685	1.70309	572.47070	.00000
2.495	7.902	-.18067	500.59302	2.55996	114.86237	1947.91602	1.70421	572.79883	.00000
2.495	9.843	-.18082	500.48853	2.55996	114.84247	1947.44360	1.70457	573.29150	.00000
2.495	11.855	-.18022	500.38843	2.55996	114.82129	1947.02661	1.70491	573.45557	.00000
2.495	13.920	-.18027	500.48706	2.55996	114.84650	1947.37329	1.70457	573.89355	.00000
2.495	15.902	-.18025	500.51025	2.55996	114.86906	1947.18457	1.70449	576.30005	.00000
2.495	17.957	-.18041	500.53491	2.55996	114.86319	1947.46704	1.70441	574.71411	.00000
2.495	20.019	-.18117	500.65186	2.55996	114.89041	1947.91455	1.70401	574.87842	.00000
2.495	21.042	-.18137	500.42603	2.55996	114.84116	1946.99536	1.70478	575.04248	.00000
	GRADIENT	-.00009	.03271	-.00000	.00853	.11097	-.00011	.16949	.00000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.061	-.11886	434.31738	2.27820	87.58469	1922.09888	1.73382	573.18188	.00000
2.662	-2.034	-.11880	434.54492	2.27820	87.63225	1923.06567	1.73381	573.45532	.00000
2.662	-.104	-.11885	434.50146	2.27820	87.62607	1922.81616	1.73380	573.51025	.00000
2.661	1.847	-.11891	434.46509	2.27820	87.62257	1922.56543	1.73381	573.61963	.00000
2.662	3.834	-.11848	434.46680	2.27820	87.61995	1922.64160	1.73381	573.51001	.00000
2.661	5.812	-.11846	434.30737	2.27820	87.60197	1921.60767	1.73379	573.89331	.00000
2.661	7.830	-.11835	434.29883	2.27820	87.60191	1921.53467	1.73379	573.94800	.00000
2.661	9.823	-.11825	434.41724	2.27820	87.63304	1921.88770	1.73378	574.33130	.00000
2.661	11.836	-.11812	434.38501	2.27820	87.62160	1921.86035	1.73379	574.11230	.00000
2.661	13.860	-.11725	434.65479	2.27820	87.67665	1923.04224	1.73378	574.38574	.00000
2.661	15.863	-.11712	434.56860	2.27820	87.65996	1922.64307	1.73379	574.33105	.00000
2.661	17.889	-.11706	434.72412	2.27820	87.69617	1923.21899	1.73378	574.65918	.00000
2.661	19.914	-.11770	434.28123	2.27820	87.62297	1920.70679	1.73376	574.98755	.00000
2.661	20.995	-.11827	434.80737	2.27820	87.71092	1923.63232	1.73378	574.65918	.00000
	GRADIENT	.00004	.00935	.00000	.00280	.02032	-.00000	.04257	.00000

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (BGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.009	-2.863	-.00031	.40474	1.54480	1.57862	.21712
2.009	-1.864	-.00122	.44252	1.52965	1.60938	.21869
2.009	.086	-.00167	.51368	1.49001	1.65690	.22190
2.009	2.088	-.00161	.58969	1.45037	1.70305	.20631
2.009	4.119	-.00109	.67489	1.40296	1.74049	.22980
2.009	6.129	-.00118	.76221	1.34643	1.76988	.27846
2.009	8.112	-.00095	.84545	1.28975	1.79275	.31513
2.009	10.065	-.00061	.92225	1.22593	1.80597	.34568
2.009	12.103	-.00038	.99795	1.15977	1.81395	.36414
2.008	14.160	.00003	1.07755	1.09053	1.81453	.37004
2.008	16.122	.00083	1.14958	1.02321	1.81165	.38842
2.008	18.211	.00017	1.22043	.94361	1.80425	.39649
2.008	20.216	-.00167	1.28891	.86857	1.78910	.39677
2.008	21.289	-.00161	1.32431	.92754	1.77976	.39307
	GRADIENT	-.00004	.03843	-.02036	.02313	.00076

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.275	-2.883	.28551	.46023	1.62155	1.66189	.21464
2.275	-1.880	.28584	.49504	1.60690	1.69313	.21442
2.275	-.025	.28601	.56157	1.58017	1.74201	.21018
2.275	2.052	.28648	.63915	1.54080	1.79309	.21090
2.275	3.932	.28727	.71225	1.49869	1.82968	.22553
2.275	5.994	.28781	.79901	1.44357	1.86484	.26339
2.275	7.992	.28826	.88621	1.38834	1.88953	.31570
2.275	9.965	.28862	.96768	1.32500	1.90512	.34361
2.275	12.063	.28959	1.04510	1.25456	1.91511	.36251
2.275	14.067	.29070	1.12051	1.18090	1.91813	.36899
2.275	16.136	.29117	1.19366	1.10672	1.91576	.37459
2.275	18.068	.29151	1.26228	1.03344	1.90814	.37748
2.275	20.151	.28947	1.32833	.95085	1.89089	.36783
2.275	21.149	.28909	1.36192	.91256	1.88405	.35494
	GRADIENT	.00024	.03696	-.01787	.02466	.00112

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (BGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.495	-3.012	-.17972	.49778	1.69119	1.75895	.22927
2.495	-1.994	-.17974	.53228	1.67667	1.78764	.22877
2.495	-.162	-.17988	.59527	1.64565	1.84126	.23151
2.495	1.884	-.18039	.67049	1.60705	1.89605	.23249
2.495	3.910	-.18015	.75280	1.56920	1.94265	.24795
2.495	5.904	-.18060	.83752	1.50569	1.97808	.27625
2.495	7.902	-.18067	.92924	1.44249	2.00924	.32062
2.495	9.843	-.18082	1.00689	1.37914	2.02558	.34879
2.495	11.855	-.18022	1.09145	1.31461	2.03947	.37094
2.495	13.920	-.18027	1.16747	1.24756	2.04008	.38491
2.495	15.902	-.18025	1.24158	1.18172	2.03939	.39343
2.495	17.957	-.18041	1.31661	1.10340	2.03009	.39938
2.495	20.019	-.18117	1.38797	1.02626	2.01290	.39347
2.495	21.042	-.18137	1.42264	.98755	2.00428	.38249
	GRADIENT	-.00009	.03668	-.01896	.02676	.00241

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.662	-3.061	-.11886	.51786	1.71911	1.79360	.21757
2.662	-2.034	-.11880	.54972	1.70693	1.82658	.21733
2.662	-.104	-.11885	.61777	1.67888	1.88642	.22442
2.661	1.847	-.11891	.69047	1.64465	1.94461	.23510
2.662	3.834	-.11848	.76821	1.59374	1.98548	.25845
2.661	5.812	-.11846	.85146	1.53793	2.01920	.27260
2.661	7.830	-.11835	.94271	1.48234	2.05396	.29646
2.661	9.823	-.11825	1.02501	1.41031	2.06915	.31889
2.661	11.836	-.11812	1.11056	1.34815	2.08905	.34476
2.661	13.860	-.11725	1.18519	1.27442	2.08478	.36530
2.661	15.863	-.11712	1.25852	1.20696	2.08135	.38102
2.661	17.889	-.11706	1.32961	1.13135	2.06995	.37944
2.661	19.914	-.11770	1.40244	1.05516	2.06106	.37004
2.661	20.995	-.11827	1.42999	1.01422	2.05117	.36058
	GRADIENT	.00004	.03641	-.01789	.02826	.00578

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.895	-.00045	497.97241	2.41408	176.28497	1398.44092	1.65880	556.99023	.00000
2.009	-1.833	-.00093	497.83960	2.41408	176.24364	1398.04370	1.65880	557.37598	.00000
2.009	.136	-.00134	497.87549	2.41408	176.26054	1398.12622	1.65879	557.76123	.00000
2.009	2.127	-.00130	497.82886	2.41408	176.24567	1397.98633	1.65878	557.87134	.00000
2.009	3.045	-.00191	497.83252	2.41408	176.22209	1398.10742	1.65881	555.72363	.00000
2.009	4.099	-.00078	497.63208	2.41408	176.18575	1397.39014	1.65877	558.53174	.00000
2.009	5.998	-.00080	497.81934	2.41408	176.25221	1397.91602	1.65877	558.69678	.00000
2.009	8.088	-.00064	497.80640	2.41408	176.25232	1397.85937	1.65877	559.08179	.00000
2.009	9.961	-.00039	497.81274	2.41408	176.25774	1397.86133	1.65877	559.35693	.00000
2.009	12.038	.00004	497.71729	2.41408	176.23056	1397.56323	1.65876	559.85181	.00000
2.009	14.038	.00030	497.78857	2.41408	176.25787	1397.75537	1.65876	560.07178	.00000
2.009	16.176	.00073	497.60498	2.41408	176.19788	1397.21826	1.65876	560.34668	.00000
2.009	18.054	.00037	497.65796	2.41408	176.21794	1397.35889	1.65875	560.51172	.00000
2.009	20.174	-.00141	497.74292	2.41408	176.25125	1397.58472	1.65875	560.84155	.00000
2.009	21.148	-.00144	497.95166	2.41408	176.32443	1398.17285	1.65875	560.95142	.00000
	GRADIENT	-.00010	-.03179	.00000	-.01036	-.09340	-.00000	.04989	.00000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.883	.28568	502.17578	2.48674	138.52126	1667.55957	1.69676	566.22314	.00000
2.276	-1.940	.28574	502.22656	2.48674	138.53651	1667.71582	1.69676	566.38770	.00000
2.276	-.021	.28612	502.13574	2.48674	138.51331	1667.39453	1.69675	566.49731	.00000
2.276	2.021	.28660	502.03589	2.48674	138.49274	1666.99854	1.69675	567.10083	.00000
2.276	4.245	.28798	502.19580	2.48674	138.53389	1667.55859	1.69676	566.93604	.00000
2.276	5.986	.28811	502.15015	2.48674	138.52763	1667.34692	1.69675	567.53931	.00000
2.276	7.980	.28874	502.20410	2.48674	138.54323	1667.51782	1.69675	567.64893	.00000
2.276	9.949	.28907	502.37939	2.48674	138.59125	1668.10425	1.69675	567.75879	.00000
2.276	12.059	.29015	502.73730	2.48674	138.68988	1669.29248	1.69675	568.03271	.00000
2.276	13.973	.29132	502.12524	2.48674	138.52820	1667.19458	1.69674	568.25195	.00000
2.276	16.033	.29177	502.43457	2.48674	138.61273	1668.22876	1.69674	568.41650	.00000
2.276	18.092	.28932	502.06641	2.48674	138.51640	1666.95703	1.69673	568.63574	.00000
2.275	20.072	.29030	501.94971	2.48674	138.48744	1666.54028	1.69673	568.85522	.00000
2.276	21.166	.28987	502.21582	2.48674	138.55864	1667.44263	1.69673	568.85498	.00000
	GRADIENT	.00031	-.00783	.00000	-.00092	-.03776	-.00000	.11541	.00000

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.945	-.17955	500.09985	2.56521	114.73639	1946.20312	1.70328	570.60840	.00000
2.495	-1.899	-.17945	500.25806	2.56521	114.77408	1946.79687	1.70274	570.93701	.00000
2.495	-.044	-.17993	500.19067	2.56521	114.75975	1946.51538	1.70297	571.04639	.00000
2.495	1.907	-.18018	500.23828	2.56521	114.77040	1946.70483	1.70281	571.04639	.00000
2.495	3.977	-.17993	500.39014	2.56521	114.80359	1947.32202	1.70229	570.93677	.00000
2.495	5.888	-.18037	500.16748	2.56521	114.75696	1946.38403	1.70305	571.37500	.00000
2.495	7.962	-.18045	500.06079	2.56521	114.73782	1945.88623	1.70341	572.03223	.00000
2.495	9.883	-.18071	500.04419	2.56521	114.73602	1945.78564	1.70347	572.30615	.00000
2.495	11.900	-.18005	500.30859	2.56521	114.79324	1946.87329	1.70257	572.03223	.00000
2.495	13.944	-.18004	500.54443	2.56521	114.84717	1947.79321	1.70177	572.19653	.00000
2.495	15.996	-.17983	500.26978	2.56521	114.78606	1946.69360	1.70270	572.25122	.00000
2.495	17.994	-.18007	500.44922	2.56521	114.82741	1947.38623	1.70209	572.41528	.00000
2.495	19.973	-.18093	499.89136	2.56521	114.70694	1945.09448	1.70399	573.01733	.00000
2.495	21.104	-.18091	499.74292	2.56521	114.68048	1944.40259	1.70449	573.94800	.00000
	GRADIENT	-.00008	.03104	-.00000	.00720	.11928	-.00011	.03782	.00000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.033	-.11883	434.18506	2.33041	87.50075	1922.83521	1.73388	570.93701	.00000
2.662	-2.066	-.11858	433.91870	2.33041	87.45972	1921.36353	1.73387	571.15625	.00000
2.662	-.120	-.11860	434.14258	2.33041	87.49771	1922.52271	1.73388	571.10132	.00000
2.662	1.930	-.11876	434.11792	2.33041	87.49187	1922.43286	1.73388	571.04639	.00000
2.662	3.873	-.11832	434.00757	2.33041	87.46941	1921.94824	1.73387	570.93701	.00000
2.662	5.848	-.11835	434.19897	2.33041	87.51361	1922.66504	1.73387	571.32031	.00000
2.662	7.790	-.11818	434.01001	2.33041	87.47429	1921.85596	1.73387	571.10107	.00000
2.662	9.819	-.11808	434.03394	2.33041	87.48148	1921.90771	1.73387	571.21069	.00000
2.662	11.852	-.11790	434.26465	2.33041	87.52078	1923.09570	1.73388	571.15601	.00000
2.662	13.856	-.11707	434.17407	2.33041	87.50180	1922.71338	1.73388	571.04639	.00000
2.662	15.859	-.11681	434.07153	2.33041	87.48813	1922.09595	1.73387	571.21069	.00000
2.662	17.905	-.11679	434.27490	2.33041	87.52405	1923.11426	1.73387	571.21069	.00000
2.662	19.964	-.11750	434.25220	2.33041	87.51558	1923.10229	1.73388	571.04663	.00000
2.662	20.945	-.11807	434.09619	2.33041	87.49254	1922.21655	1.73387	571.21069	.00000
	GRADIENT	.00004	-.00613	.00000	-.00135	-.02411	-.00000	-.00993	.00000

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (BGY009) (29 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.009	-2.895	-.00045	.41780	1.54128	1.58332	.20038
2.009	-1.833	-.00093	.45571	1.52317	1.61423	.20277
2.009	.136	-.00134	.52742	1.48315	1.66698	.21613
2.009	2.127	-.00130	.60725	1.43586	1.70690	.20437
2.009	3.045	-.00191	.64970	1.41084	1.72696	.20685
2.009	4.099	-.00078	.69164	1.38880	1.74183	.23183
2.009	5.998	-.00080	.77331	1.33421	1.76938	.28605
2.009	6.088	-.00064	.85937	1.27285	1.79099	.31781
2.009	9.961	-.00039	.93332	1.21779	1.80656	.34412
2.009	12.038	.00004	1.01030	1.15319	1.81085	.35917
2.009	14.038	.00030	1.08382	1.08166	1.81241	.36394
2.009	16.176	.00073	1.15880	1.00939	1.80877	.38022
2.009	18.054	.00037	1.22574	.94211	1.80201	.38614
2.009	20.174	-.00141	1.29997	.86528	1.78818	.38688
2.009	21.148	-.00144	1.32827	.82797	1.78119	.38523
	GRADIENT	-.00010	.03927	-.02216	.02282	.00279

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.276	-2.883	.28568	.46773	1.59308	1.68289	.21061
2.276	-1.940	.28574	.49980	1.57850	1.71089	.21223
2.276	-.021	.28612	.56487	1.54283	1.76378	.21168
2.276	2.021	.28660	.63937	1.49791	1.81139	.21573
2.276	4.245	.28798	.73100	1.44702	1.85398	.23946
2.276	5.986	.28811	.80596	1.40455	1.87948	.28086
2.276	7.980	.28874	.88940	1.34679	1.90461	.33558
2.276	9.949	.28907	.96805	1.28809	1.92525	.35815
2.276	12.059	.29015	1.04892	1.22429	1.93232	.37461
2.276	13.973	.29132	1.12173	1.15692	1.93379	.38161
2.276	16.033	.29177	1.19366	1.08768	1.93053	.38369
2.276	18.092	.28932	1.26550	1.01096	1.92061	.38095
2.275	20.072	.29030	1.33101	.93512	1.90511	.37143
2.276	21.166	.28987	1.37098	.89119	1.89623	.35957
	GRADIENT	.00031	.03671	-.02061	.02410	.00353

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (BGY009) (29 APR 80)

REFERENCE DATA

SCALE = 1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.495	-2.945	-.17955	.51539	1.68681	1.76234	.20386
2.495	-1.899	-.17945	.54898	1.66789	1.79435	.20818
2.495	-.044	-.17993	.61327	1.63364	1.84603	.21646
2.495	1.907	-.18018	.68400	1.59648	1.89429	.21971
2.495	3.977	-.17993	.77073	1.5[illegible]53	1.94247	.24032
2.495	5.888	-.18037	.85321	1.49745	1.97446	.27168
2.495	7.962	-.18045	.94812	1.43979	2.00263	.31795
2.495	9.883	-.18071	1.02503	1.38484	2.01669	.34015
2.495	11.900	-.18005	1.10723	1.32173	2.03088	.36150
2.495	13.944	-.18004	1.18127	1.24931	2.03542	.37498
2.495	15.996	-.17983	1.25858	1.17587	2.03505	.37533
2.495	17.994	-.18007	1.32745	1.10224	2.02994	.38209
2.495	19.973	-.18093	1.39383	1.02482	2.02077	.38228
2.495	21.104	-.18091	1.43001	.97595	2.00789	.37419
	GRADIENT	-.00008	.03673	-.02015	.02535	.00484

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPTA	CPSA
2.662	-3.033	-.11883	.53308	1.71215	1.80205	.20103
2.662	-2.066	-.11858	.56194	1.69920	1.83092	.20237
2.662	-.120	-.11860	.62975	1.66730	1.89140	.21083
2.662	1.930	-.11876	.71011	1.63145	1.95041	.22333
2.662	3.873	-.11832	.78477	1.58641	1.99299	.26203
2.662	5.848	-.11835	.86753	1.52730	2.02253	.26728
2.662	7.790	-.11818	.95436	1.47992	2.05834	.29184
2.662	9.819	-.11808	1.03853	1.41422	2.06911	.31251
2.662	11.852	-.11790	1.12341	1.35161	2.09064	.34211
2.662	13.856	-.11707	1.19540	1.28076	2.09101	.36272
2.662	15.859	-.11681	1.27338	1.21086	2.08987	.36648
2.662	17.905	-.11679	1.34084	1.12947	2.07797	.35894
2.662	19.964	-.11750	1.40919	1.05397	2.06335	.34802
2.662	20.945	-.11807	1.44191	1.01114	2.05456	.34217
	GRADIENT	.00004	.03673	-.01804	.02807	.00822

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.859	-.00032	497.58936	2.39715	176.16710	1397.28589	1.65878	558.20142	.00000
2.009	-1.888	-.00095	497.96094	2.39715	176.30281	1398.31201	1.65878	558.86157	.00000
2.009	.082	-.00166	498.00171	2.39715	176.32417	1398.39624	1.65877	559.46680	.00000
2.009	2.116	-.00179	497.90894	2.39715	176.29933	1398.09741	1.65877	560.07178	.00000
2.009	4.099	-.00150	498.04712	2.39715	176.35474	1398.45679	1.65875	560.73145	.00000
2.009	6.030	-.00130	498.11816	2.39715	176.39012	1398.61108	1.65875	561.66602	.00000
2.009	8.036	-.00128	498.00732	2.39715	176.35728	1398.27075	1.65874	562.10571	.00000
2.008	9.981	-.00087	498.28223	2.39715	176.45778	1399.02856	1.65874	562.60010	.00000
2.008	12.054	-.00050	498.30493	2.39715	176.46964	1399.07568	1.65873	562.92969	.00000
2.008	14.095	-.00013	497.94360	2.39715	176.35300	1398.01221	1.65873	563.58862	.00000
2.008	16.081	.00036	497.91919	2.39715	176.34979	1397.91675	1.65872	564.02783	.00000
2.008	18.153	-.00010	498.03516	2.39715	176.40013	1398.20215	1.65871	564.90625	.00000
2.008	20.154	-.00179	498.12378	2.39715	176.43333	1398.44287	1.65871	565.12573	.00000
2.008	21.222	-.00187	497.85156	2.39715	176.33559	1397.68530	1.65871	564.79663	.00000
	GRADIENT	-.00017	.04305	-.00000	.01892	.10429	-.00000	.34493	.00000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.879	.28666	502.48120	2.44473	138.67499	1667.91919	1.69669	573.29102	.00000
2.275	-1.912	.28690	501.90796	2.44473	138.52701	1665.91943	1.69668	573.83862	.00000
2.275	.034	.28656	501.42480	2.44473	138.39714	1664.28491	1.69668	573.78369	.00000
2.275	1.997	.28715	502.97046	2.44473	138.81430	1669.50366	1.69668	574.11230	.00000
2.275	3.881	.28762	502.91211	2.44473	138.79987	1669.29541	1.69669	574.22144	.00000
2.275	5.922	.28790	502.92480	2.44473	138.80440	1669.32715	1.69668	574.33081	.00000
2.275	7.920	.28847	502.85645	2.44473	138.78983	1669.05981	1.69668	574.71387	.00000
2.275	9.901	.28876	502.85229	2.44473	138.79382	1668.99780	1.69667	575.20630	.00000
2.275	11.897	.28949	502.70117	2.44473	138.75499	1668.46753	1.69667	575.37036	.00000
2.275	13.986	.29075	502.93042	2.44473	138.82483	1669.16846	1.69667	576.19067	.00000
2.275	15.988	.29113	502.92554	2.44473	138.82458	1669.14038	1.69666	576.29980	.00000
2.275	17.998	.29133	502.79907	2.44473	138.78574	1668.75952	1.69667	575.80786	.00000
2.275	20.068	.28960	502.56055	2.44473	138.72421	1667.92529	1.69666	576.02661	.00000
2.275	21.066	.28908	502.82275	2.44473	138.79720	1668.79199	1.69666	576.30005	.00000
	GRADIENT	.00013	.12582	.00000	.03488	.41645	-.00000	.11693	.00000

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.953	-.17903	500.20557	2.52630	114.81369	1945.76587	1.70464	578.04883	.00000
2.495	-1.974	-.17908	500.22290	2.52630	114.81514	1945.87451	1.70458	577.72095	.00000
2.495	-.036	-.17968	500.43457	2.52630	114.86127	1946.73706	1.70386	577.55688	.00000
2.495	1.919	-.17980	500.68506	2.52630	114.91727	1947.73535	1.70301	577.55688	.00000
2.495	3.910	-.17994	500.40308	2.52630	114.85667	1946.57153	1.70397	577.88501	.00000
2.495	5.864	-.18030	500.87061	2.52630	114.96434	1948.38574	1.70238	578.32202	.00000
2.495	7.874	-.18061	500.37866	2.52630	114.85524	1946.41235	1.70405	578.43140	.00000
2.495	9.911	-.18067	500.78589	2.52630	114.94827	1948.00293	1.70267	578.70459	.00000
2.495	11.863	-.18021	500.77148	2.52630	114.94585	1947.93384	1.70272	578.81372	.00000
2.495	13.928	-.18009	500.70337	2.52630	114.93224	1947.63477	1.70295	579.03223	.00000
2.495	15.943	-.17998	500.73071	2.52630	114.94196	1947.68896	1.70285	579.52393	.00000
2.495	17.944	-.18027	500.78833	2.52630	114.95917	1947.84888	1.70266	580.12451	.00000
2.495	20.035	-.18119	500.51245	2.52630	114.89503	1946.78857	1.70360	579.79687	.00000
2.495	21.067	-.18130	500.60327	2.52630	114.91507	1947.15625	1.70329	579.74219	.00000
	GRADIENT	-.00014	.04740	.00000	.01045	.19126	-.00016	-.02113	.00000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.104	-.11898	434.37866	2.23886	87.70169	1919.95703	1.73369	577.17432	.00000
2.660	-2.046	-.11872	434.43091	2.23886	87.70805	1920.28467	1.73370	577.06494	.00000
2.660	-.073	-.11882	434.39819	2.23886	87.70082	1920.15576	1.73370	577.01025	.00000
2.660	1.882	-.11872	434.21191	2.23886	87.66193	1919.36084	1.73370	576.79175	.00000
2.660	3.857	-.11856	434.55200	2.23886	87.72093	1921.08716	1.73371	576.73706	.00000
2.660	5.852	-.11857	434.74048	2.23886	87.76155	1921.86304	1.73371	577.01050	.00000
2.660	7.818	-.11843	434.95630	2.23886	87.80128	1922.90381	1.73371	577.06519	.00000
2.660	9.759	-.11837	435.09521	2.23886	87.83461	1923.39673	1.73371	577.39307	.00000
2.660	11.808	-.11822	434.91699	2.23886	87.79860	1922.60815	1.73371	577.22900	.00000
2.660	13.848	-.11731	434.97314	2.23886	87.81000	1922.85425	1.73370	577.28369	.00000
2.660	15.863	-.11717	435.14014	2.23886	87.84108	1923.65576	1.73371	577.33838	.00000
2.660	17.889	-.11719	434.95557	2.23886	87.81697	1922.53564	1.73370	577.66626	.00000
2.660	19.935	-.11877	435.08348	2.23886	87.83322	1923.14087	1.73370	577.55688	.00000
2.660	20.962	-.11847	435.30200	2.23886	87.87268	1924.39575	1.73371	577.44751	.00000
	GRADIENT	.00004	.00740	.00000	-.00037	.07586	.00000	-.06392	.00000

OA234 'LERC 10SWT 42 LHA .2P/S RHFN.1S (BGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.009	-2.859	-.00032	1.58084	.21189	.19892
2.009	-1.886	-.00095	1.61059	.21472	.19571
2.009	.082	-.00166	1.65841	.22539	.20422
2.009	2.116	-.00179	1.70387	.20997	.20824
2.009	4.099	-.00150	1.73848	.23310	.22144
2.009	6.030	-.00130	1.76696	.27548	.25647
2.009	8.036	-.00128	1.78669	.31316	.28119
2.008	9.981	-.00087	1.80321	.33867	.30455
2.008	12.054	-.00050	1.81019	.35591	.33259
2.008	14.095	-.00013	1.81116	.35655	.36173
2.008	16.081	.00036	1.80831	.37542	.35468
2.008	18.153	-.00010	1.79992	.37289	.34741
2.008	20.154	-.00179	1.78455	.36874	.33245
2.008	21.222	-.00187	1.77403	.36272	.32338
	GRADIENT	-.00017	.02263	.00208	.00332

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.275	-2.879	.28666	1.66225	.20596	.18712
2.275	-1.912	.28690	1.68892	.20490	.19075
2.275	.034	.28656	1.74155	.20134	.20863
2.275	1.997	.28715	1.78693	.20731	.22314
2.275	3.881	.28762	1.82742	.22061	.23729
2.275	5.922	.28790	1.85961	.26619	.26405
2.275	7.920	.28847	1.88319	.31107	.28583
2.275	9.901	.28876	1.89855	.33286	.29906
2.275	11.897	.28949	1.91043	.35002	.31706
2.275	13.986	.29075	1.91332	.35839	.36010
2.275	15.988	.29113	1.91168	.36596	.33901
2.275	17.998	.29133	1.90[illegible]	.36893	.33084
2.275	20.068	.28960	1.88402	.36081	.32827
2.275	21.066	.28908	1.87686	.34631	.32192
	GRADIENT	.00013	.02449	.00192	.00766

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (BGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.495	-2.953	-.17903	1.76118	.21892	.20000
2.495	-1.974	-.17908	1.79033	.21879	.20804
2.495	-.036	-.17968	1.84074	.22330	.22674
2.495	1.919	-.17980	1.89363	.22737	.23382
2.495	3.910	-.17994	1.93500	.24872	.22637
2.495	5.864	-.18030	1.97137	.27202	.26171
2.495	7.874	-.18061	2.00035	.30584	.28133
2.495	9.911	-.18067	2.02228	.33037	.29256
2.495	11.863	-.18021	2.03402	.35153	.30814
2.495	13.928	-.18009	2.03992	.37132	.35242
2.495	15.943	-.17998	2.03201	.37167	.35448
2.495	17.944	-.18027	2.02258	.37553	.33084
2.495	20.035	-.18119	2.00623	.37660	.33148
2.495	21.067	-.18130	1.99153	.36692	.33125
	GRADIENT	-.00014	.02549	.00399	.00429

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.660	-3.104	-.11898	1.78730	.20895	.21440
2.660	-2.046	-.11872	1.82153	.21036	.22224
2.660	-.073	-.11882	1.88214	.21550	.22596
2.660	1.882	-.11872	1.93614	.22355	.23346
2.660	3.857	-.11856	1.97818	.25220	.24576
2.660	5.852	-.11857	2.01224	.26061	.26012
2.660	7.818	-.11843	2.04761	.28023	.27726
2.660	9.759	-.11837	2.06185	.29714	.28527
2.660	11.808	-.11822	2.08042	.32767	.29849
2.660	13.848	-.11731	2.08267	.35521	.34086
2.660	15.863	-.11717	2.07941	.35919	.34633
2.660	17.889	-.11719	2.06261	.35012	.32687
2.660	19.935	-.11877	2.05054	.33682	.31951
2.660	20.962	-.11847	2.03840	.33031	.32191
	GRADIENT	.00004	.02768	.00572	.00412

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.898	2.09870	498.56372	2.28805	176.78670	1398.79858	1.65852	581.81763	.00000
2.007	-1.769	2.09874	497.37134	2.28805	176.37160	1395.41870	1.65850	581.45361	.00000
2.007	.199	2.09959	497.53882	2.28805	176.42934	1395.89526	1.65851	581.45386	.00000
2.007	2.100	2.09950	497.72852	2.28805	176.49559	1396.43262	1.65851	581.52661	.00000
2.007	4.134	2.09862	497.61035	2.28805	176.44521	1396.13940	1.65853	580.72583	.00000
2.007	6.109	2.09857	497.78223	2.28805	176.51045	1396.60229	1.65852	581.23560	.00000
2.007	8.056	2.09814	497.74487	2.28805	176.49667	1396.50122	1.65852	581.16260	.00000
2.007	10.106	2.09820	497.78613	2.28805	176.50830	1396.62939	1.65852	580.94434	.00000
2.007	12.127	2.09813	497.65088	2.28805	176.46443	1396.23291	1.65851	581.16260	.00000
2.007	14.111	2.09767	497.75854	2.28805	176.49884	1396.54932	1.65852	580.94409	.00000
2.007	16.143	2.09774	497.52954	2.28805	176.42172	1395.88965	1.65851	581.08984	.00000
2.007	18.137	2.09802	497.52026	2.28805	176.41940	1395.85815	1.65851	581.16260	.00000
2.007	19.596	2.09812	497.51587	2.28805	176.41969	1395.83740	1.65851	581.30811	.00000
	GRADIENT	.00003	-.07319	-.00000	-.02661	-.20237	.00000	-.11735	.00000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.942	2.16962	503.18774	2.38547	138.99347	1669.10767	1.69657	585.88989	.00000
2.274	-1.798	2.16935	503.83130	2.38547	139.16504	1671.29956	1.69657	585.81787	.00000
2.274	.112	2.16958	503.08105	2.38547	138.95891	1668.80249	1.69658	585.30884	.00000
2.274	2.052	2.16936	503.48975	2.38547	139.06905	1670.18262	1.69658	585.38135	.00000
2.274	4.086	2.16806	503.10620	2.38547	138.96944	1668.85254	1.69657	585.67261	.00000
2.274	6.073	2.16774	503.33984	2.38547	139.03569	1669.60864	1.69657	586.03589	.00000
2.274	8.080	2.16712	503.28125	2.38547	139.01846	1669.42456	1.69657	585.89038	.00000
2.274	10.005	2.16684	503.22827	2.38547	139.00957	1669.19824	1.69656	586.39941	.00000
2.274	12.038	2.16647	502.90649	2.38547	138.91367	1668.19458	1.69657	585.45410	.00000
2.274	14.051	2.16620	503.46606	2.38547	139.07024	1670.03296	1.69656	586.10864	.00000
2.274	16.086	2.16607	503.43994	2.38547	139.06625	1669.91357	1.69657	586.39917	.00000
2.274	18.125	2.16614	503 43799	2.38547	139.05598	1670.00049	1.69658	585.45435	.00000
2.274	19.543	2.16565	503.41382	2.38547	139.05707	1669.84619	1.69656	586.18115	.00000
	GRADIENT	-.00018	-.03434	.00000	-.00965	-.11215	.00000	-.04483	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.036	1.91604	500.77759	2.54520	114.89307	1948.82397	1.64970	571.32104	.00000
2.495	-1.927	1.91593	500.64526	2.54520	114.87074	1948.17725	1.65014	572.34326	.00000
2.495	-.020	1.91650	500.65552	2.54520	114.86729	1948.30981	1.65011	571.54004	.00000
2.495	1.994	1.91666	500.54834	2.54520	114.85745	1947.65723	1.65046	573.51074	.00000
2.495	3.977	1.91625	500.26196	2.54520	114.79494	1946.49219	1.65140	573.72925	.00000
2.495	5.952	1.91647	499.66406	2.54520	114.66287	1944.08496	1.65338	573.94849	.00000
2.495	7.958	1.91649	499.89478	2.54520	114.71970	1944.92212	1.65262	574.67798	.00000
2.495	9.931	1.91665	499.86816	2.54520	114.72061	1944.70483	1.65270	575.62598	.00000
2.495	11.952	1.91626	500.09448	2.54520	114.77275	1945.58008	1.65196	575.84473	.00000
2.495	13.846	1.91671	500.02393	2.54520	114.76711	1945.13770	1.65219	577.22974	.00000
2.495	15.992	1.91656	499.83667	2.54520	114.72623	1944.37646	1.65281	577.37524	.00000
2.495	17.990	1.91674	499.88599	2.54520	114.73889	1944.54565	1.65265	577.59399	.00000
2.495	19.477	1.91712	500.00146	2.54520	114.77266	1944.87964	1.65226	578.68652	.00000
	GRADIENT	.00006	-.06311	-.00000	-.01174	-.28969	.00021	.33251	.00000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.025	2.02076	434.23193	2.29215	87.66550	1915.46289	1.73370	576.79224	.00000
2.660	-1.955	2.02058	433.70312	2.29215	87.56970	1916.87183	1.73369	576.71948	.00000
2.660	.009	2.02092	434.29614	2.29215	87.67123	1919.91089	1.73371	576.57373	.00000
2.660	1.941	2.02105	433.82764	2.29215	87.62244	1916.78833	1.73366	577.88550	.00000
2.660	3.952	2.02033	434.19531	2.29215	87.69353	1918.48437	1.73365	578.10400	.00000
2.660	5.919	2.02035	434.35522	2.29215	87.70471	1919.67725	1.73369	577.44800	.00000
2.660	7.946	2.02029	434.53882	2.29215	87.76596	1919.93359	1.73365	578.54077	.00000
2.660	9.920	2.02026	434.46631	2.29215	87.74159	1919.83618	1.73367	578.10376	.00000
2.659	11.929	2.01999	434.50879	2.29215	87.77020	1919.56299	1.73365	578.90527	.00000
2.659	13.897	2.01986	434.28442	2.29215	87.71884	1918.70874	1.73365	578.46802	.00000
2.659	15.920	2.01940	434.44189	2.29215	87.75833	1919.22998	1.73364	578.90527	.00000
2.659	17.959	2.01957	434.64526	2.29215	87.79445	1920.24341	1.73365	578.90503	.00000
2.659	19.422	2.01969	434.47461	2.29215	87.77550	1919.13159	1.73363	579.34229	.00000
	GRADIENT	-.00002	.00845	-.00000	.00727	-.09071	-.00001	.21921	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (BGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.007	-2.898	2.09870	1.55661	.17120	.24511
2.007	-1.769	2.09874	1.59905	.16885	.24076
2.007	.199	2.09959	1.64512	.16622	.24289
2.007	2.100	2.09950	1.68444	.18193	.24341
2.007	4.134	2.09862	1.72460	.21038	.25021
2.007	6.109	2.09857	1.75321	.27210	.29115
2.007	8.056	2.09814	1.77031	.30572	.32088
2.007	10.106	2.09820	1.78587	.31518	.34938
2.007	12.127	2.09813	1.79379	.34409	.38480
2.007	14.111	2.09767	1.79286	.35019	.40992
2.007	16.143	2.09774	1.78954	.33129	.41055
2.007	18.137	2.09802	1.78013	.32080	.40568
2.007	19.596	2.09812	1.76917	.31183	.39197
	GRADIENT	.00003	.02226	.00532	.00080

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.274	-2.942	2.16962	1.63080	.15555	.22620
2.274	-1.798	2.16935	1.66501	.15582	.22640
2.274	.112	2.16958	1.71481	.16673	.23398
2.274	2.052	2.16936	1.75866	.17153	.25072
2.274	4.086	2.16806	1.79859	.19608	.26674
2.274	6.073	2.16774	1.83203	.23463	.29585
2.274	8.080	2.16712	1.85454	.26041	.31607
2.274	10.005	2.16684	1.87039	.28508	.33732
2.274	12.038	2.16647	1.87302	.29974	.36014
2.274	14.051	2.16620	1.87275	.30042	.38389
2.274	16.086	2.16607	1.86932	.31426	.39132
2.274	18.125	2.16614	1.85518	.31333	.38738
2.274	19.543	2.16565	1.84433	.30692	.38097
	GRADIENT	-.00018	.02383	.00552	.00601

0A234 LERC 10SWT 42 LHA .2P/S RHFN.IS (BGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.495	-3.036	1.91604	1.71949	.16661	.22984
2.495	-1.927	1.91593	1.75296	.16803	.23347
2.495	-.020	1.91650	1.80886	.18155	.24912
2.495	1.994	1.91666	1.85466	.19102	.26893
2.495	3.977	1.91665	1.89859	.21705	.26444
2.495	5.952	1.91647	1.93272	.23761	.29797
2.495	7.958	1.91649	1.95894	.24942	.32012
2.495	9.931	1.91665	1.97609	.28234	.33621
2.495	11.952	1.91626	1.98679	.29990	.35074
2.495	13.846	1.91671	1.98611	.31976	.36802
2.495	15.992	1.91656	1.98135	.31539	.39988
2.495	17.990	1.91674	1.97298	.31558	.37979
2.495	19.477	1.91712	1.96027	.31174	.38026
	GRADIENT	.00006	.02549	.00702	.00581

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.660	-3.025	2.02076	1.74686	.16556	.23948
2.660	-1.955	2.02058	1.78230	.16837	.24886
2.660	.009	2.02092	1.84321	.17546	.26528
2.660	1.941	2.02105	1.89010	.17682	.27561
2.660	3.952	2.02033	1.93176	.20220	.28805
2.660	5.919	2.02035	1.96244	.21816	.29306
2.660	7.946	2.02029	1.99220	.23454	.30991
2.660	9.920	2.02026	2.00647	.26352	.32701
2.659	11.923	2.01999	2.01776	.27291	.33737
2.659	13.897	2.01986	2.01786	.31069	.38314
2.659	15.920	2.01940	2.01932	.30577	.39404
2.659	17.959	2.01957	2.00464	.30251	.36993
2.659	19.422	2.01969	1.99735	.29407	.36501
	GRADIENT	-.00002	.02658	.00466	.00689

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.994	-2.871	-.00018	299.92090	1.46665	107.77406	835.27344	1.65625	556.88037	.00000
1.994	-1.781	-.00028	299.93481	1.46665	107.78040	835.30737	1.65625	557.04565	.00000
1.994	.136	-.00074	299.80322	1.46665	107.73573	834.92847	1.65624	557.15552	.00000
1.994	2.120	-.00075	299.89941	1.46665	107.76962	835.19995	1.65624	557.21069	.00000
1.994	4.071	-.00074	299.85400	1.46665	107.75487	835.06714	1.65624	557.32080	.00000
1.994	6.054	-.00049	299.82397	1.46665	107.74400	834.98291	1.65624	557.26587	.00000
1.994	8.036	-.00030	299.84033	1.46665	107.75204	835.01904	1.65624	557.54102	.00000
1.994	10.074	-.00032	299.92798	1.46665	107.78156	835.27246	1.65624	557.43091	.00000
1.994	12.087	-.00039	299.83105	1.46665	107.74847	834.99365	1.65623	557.48608	.00000
1.994	14.062	.00045	299.90356	1.46665	107.77357	835.20093	1.65624	557.48608	.00000
1.994	16.024	.00051	299.82544	1.46665	107.74940	834.96582	1.65623	557.81641	.00000
1.994	16.311	.00048	299.87891	1.46665	107.76604	835.12598	1.65624	557.59619	.00000
1.994	18.079	.00038	299.56885	1.46665	107.65889	834.24390	1.65623	557.65112	.00000
1.994	20.149	-.00069	299.89453	1.46665	107.77249	835.16626	1.65623	557.70630	.00000
1.994	21.172	-.00089	299.94067	1.46665	107.78845	835.29810	1.65624	557.70630	.00000
	GRADIENT	-.00009	-.00922	-.00000	-.00267	-.02834	-.00000	.05731	.00000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.258	-2.935	.28775	304.45483	1.53908	85.27434	999.10767	1.69466	560.45679	.00000
2.258	-1.979	.28793	304.52295	1.53908	85.29468	999.31934	1.69467	560.73169	.00000
2.258	.081	.28799	304.25806	1.53908	85.22267	998.43115	1.69466	560.67676	.00000
2.258	1.993	.28829	304.13477	1.53908	85.18806	998.02783	1.69466	560.51196	.00000
2.258	3.999	.28875	304.24365	1.53908	85.21710	998.39722	1.69467	560.45703	.00000
2.258	5.990	.28906	304.17749	1.53908	85.20047	998.16333	1.69466	560.62183	.00000
2.258	7.968	.28946	304.15186	1.53908	85.19427	998.07056	1.69466	560.73169	.00000
2.258	9.977	.28964	304.11206	1.53908	85.18349	997.93579	1.69466	560.73193	.00000
2.258	11.954	.29017	304.12036	1.53908	85.18619	997.96045	1.69466	560.78662	.00000
2.258	13.945	.29124	304.12109	1.53908	85.18674	997.95923	1.69466	560.84155	.00000
2.258	15.976	.29146	304.22656	1.53908	85.21646	998.30396	1.69466	561.00659	.00000
2.258	18.002	.29159	304.11597	1.53908	85.18651	997.93213	1.69465	561.00659	.00000
2.258	20.056	.29044	304.14136	1.53908	85.19342	998.01807	1.69465	561.00659	.00000
2.258	21.153	.28996	304.12598	1.53908	85.18962	997.96167	1.69465	561.06152	.00000
	GRADIENT	.00013	-.04592	.00000	-.01256	-.15338	-.00000	-.01685	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.476	-3.008	-.18034	301.54126	1.58215	70.24568	1156.86621	2.82771	566.49756	.00000
2.476	-1.927	-.18028	300.88281	1.58215	70.09691	1154.26953	2.83390	566.44263	.00000
2.476	-.048	-.18051	300.33789	1.58215	69.97247	1152.14038	2.83904	566.16846	.00000
2.477	1.900	-.18070	303.21289	1.58215	70.62192	1163.48169	2.81212	566.38794	.00000
2.477	3.922	-.18071	302.84253	1.58215	70.53748	1162.03223	2.81556	566.22314	.00000
2.477	5.884	-.18079	302.76782	1.58215	70.51974	1161.75317	2.81625	566.05859	.00000
2.477	7.906	-.18074	302.73340	1.58215	70.51041	1161.63916	2.81658	565.78418	.00000
2.477	9.883	-.18095	302.66724	1.58215	70.49454	1161.39062	2.81719	565.61963	.00000
2.477	11.888	-.18080	302.76855	1.58215	70.51581	1161.81641	2.81625	565.34546	.00000
2.477	13.895	-.18007	302.70068	1.58215	70.50110	1161.53735	2.81688	565.45508	.00000
2.477	15.881	-.17999	302.74902	1.58215	70.51135	1161.73975	2.81643	565.34546	.00000
2.477	17.940	-.18017	302.76221	1.58215	70.51311	1161.81152	2.81631	565.12573	.00000
2.477	19.940	-.18030	302.76147	1.58215	70.51479	1161.77783	2.81631	565.45508	.00000
2.477	21.017	-.18072	302.76562	1.58215	70.51450	1161.81299	2.81628	565.23560	.00000
	GRADIENT	-.00007	.29793	-.00000	.06695	1.18012	-.00278	-.03271	.00000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.642	-3.045	-.11917	306.94092	1.66189	62.80670	1337.84058	1.73232	569.56763	.00000
2.642	-1.948	-.11911	307.01440	1.66189	62.82239	1338.14673	1.73232	569.51294	.00000
2.642	-.022	-.11907	307.10107	1.66189	62.84135	1338.49683	1.73232	569.34863	.00000
2.642	1.906	-.11902	306.57812	1.66189	62.73184	1336.27271	1.73232	569.23877	.00000
2.642	3.873	-.11891	306.60132	1.66189	62.73746	1336.35547	1.73232	569.07422	.00000
2.642	5.848	-.11890	306.67700	1.66189	62.75334	1336.67603	1.73232	569.07446	.00000
2.642	7.870	-.11876	306.78101	1.66189	62.77617	1337.09570	1.73231	568.85498	.00000
2.642	9.892	-.11871	306.64526	1.66189	62.74834	1336.50415	1.73231	568.69067	.00000
2.642	11.832	-.11873	306.67676	1.66189	62.75517	1336.63208	1.73231	568.63574	.00000
2.642	13.872	-.11793	306.73291	1.66189	62.76575	1336.87500	1.73231	568.69067	.00000
2.642	15.863	-.11779	306.72217	1.66189	62.76502	1336.81860	1.73231	568.58105	.00000
2.642	17.905	-.11780	306.58569	1.66189	62.73701	1336.22607	1.73231	568.41675	.00000
2.642	19.914	-.11814	306.63110	1.66189	62.74588	1336.43408	1.73231	568.58105	.00000
2.642	20.974	-.11864	306.70068	1.66189	62.76265	1336.67896	1.73231	568.08765	.00000
	GRADIENT	.00003	-.06592	-.00000	-.01355	-.28597	.00000	-.07152	.00000

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (BGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
1.994	-2.871	-.00018	1.57614	.21418	.21992
1.994	-1.781	-.00028	1.60647	.21239	.21813
1.994	.136	-.00074	1.65335	.21488	.21918
1.994	2.120	-.00075	1.69524	.23433	.22285
1.994	4.071	-.00074	1.72991	.23710	.24571
1.994	6.054	-.00049	1.75885	.26873	.26443
1.994	8.036	-.00030	1.78108	.29844	.28193
1.994	10.074	-.00032	1.79579	.33379	.29290
1.994	12.087	-.00039	1.80266	.34629	.31544
1.994	14.062	.00045	1.80304	.35735	.34013
1.994	16.024	.00051	1.80028	.35365	.34145
1.994	16.311	.00048	1.80016	.35622	.34115
1.994	18.079	.00038	1.79160	.36700	.33612
1.994	20.149	-.00069	1.77861	.35563	.33985
1.994	21.172	-.00088	1.76929	.33975	.33258
	GRADIENT	-.00009	.02215	.00392	.00330

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.258	-2.935	.28775	1.65035	.20712	.22266
2.258	-1.979	.28793	1.67788	.20793	.22700
2.258	.081	.28799	1.73145	.21025	.23076
2.258	1.993	.28829	1.77727	.22605	.24303
2.258	3.999	.28875	1.81581	.23504	.25979
2.258	5.990	.28906	1.84561	.26338	.26621
2.258	7.968	.28946	1.87188	.29225	.28093
2.258	9.977	.28964	1.88735	.31307	.29327
2.258	11.954	.29017	1.90013	.33469	.30569
2.258	13.945	.29124	1.90159	.35246	.36378
2.258	15.976	.29146	1.89670	.35115	.35893
2.258	18.002	.29159	1.88989	.35536	.32352
2.258	20.056	.29044	1.87435	.33726	.32311
2.258	21.153	.28996	1.86383	.32314	.32527
	GRADIENT	.00013	.02400	.00423	.00512

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (BGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.000 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.476	-3.008	-.18034	1.74432	.22127	.22983
2.476	-1.927	-.18028	1.77577	.22287	.22859
2.476	-.048	-.18051	1.82988	.22570	.22929
2.477	1.900	-.18070	1.87821	.23716	.24070
2.477	3.922	-.18071	1.92387	.24976	.25118
2.477	5.884	-.18079	1.95728	.27627	.26491
2.477	7.906	-.18074	1.98554	.29619	.27700
2.477	9.883	-.18095	2.00624	.31543	.28630
2.477	11.888	-.18080	2.01588	.33735	.33096
2.477	13.895	-.18007	2.02105	.36798	.35022
2.477	15.881	-.17999	2.01959	.36510	.35871
2.477	17.940	-.18017	2.00979	.36932	.32809
2.477	19.940	-.18030	1.98950	.35922	.32724
2.477	21.017	-.18072	1.97825	.34740	.32892
	GRADIENT	-.00007	.02599	.00412	.00322

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTA	CPSA	CPSIA
2.642	-3.045	-.11917	1.77210	.20857	.22609
2.642	-1.948	-.11911	1.81124	.21264	.22665
2.642	-.022	-.11907	1.86344	.21434	.22695
2.642	1.906	-.11902	1.91489	.23003	.23564
2.642	3.873	-.11891	1.96209	.24257	.24538
2.642	5.848	-.11890	1.99321	.25658	.26149
2.642	7.870	-.11876	2.02588	.27697	.27556
2.642	9.892	-.11871	2.04265	.29669	.28056
2.642	11.832	-.11873	2.05939	.31527	.32158
2.642	13.872	-.11793	2.06101	.35206	.33172
2.642	15.863	-.11779	2.05812	.35743	.33989
2.642	17.905	-.11780	2.04913	.34245	.33895
2.642	19.914	-.11814	2.03302	.33968	.31303
2.642	20.974	-.11864	2.01834	.33114	.31571
	GRADIENT	.00003	.02720	.00489	.00276

0A234 LERC 10SWT 42 LHFN.1S RHF0.2A (AGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF.) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.851	-.00457	496.79956	2.37383	175.86145	1395.18408	1.65880	555.33813	.00000
2.008	-1.884	-.00347	497.16479	2.37383	176.09959	1395.72437	1.65870	564.85132	.00000
2.008	.090	-.00377	497.12524	2.37383	176.09206	1395.58423	1.65870	565.34546	.00000
2.008	2.076	-.00391	497.24268	2.37383	176.13770	1395.89844	1.65869	565.78442	.00000
2.008	4.075	-.00332	497.18066	2.37383	176.11635	1395.71875	1.65869	565.78418	.00000
2.008	6.018	-.00315	497.24048	2.37383	176.13954	1395.87817	1.65868	566.00391	.00000
2.008	7.988	-.00305	497.52295	2.37383	176.24142	1396.66309	1.65869	566.38794	.00000
2.008	9.977	-.00268	497.96851	2.37383	176.39896	1397.91675	1.65869	566.71704	.00000
2.008	12.014	-.00192	497.71118	2.37383	176.31149	1397.17676	1.65868	566.82666	.00000
2.008	13.965	-.00146	497.78564	2.37383	176.34238	1397.36475	1.65868	567.26562	.00000
2.008	16.135	-.00084	497.65088	2.37383	176.29932	1396.96753	1.65867	567.53979	.00000
2.008	18.169	-.00130	497.69287	2.37383	176.31302	1397.08789	1.65868	567.48486	.00000
2.008	20.232	-.00300	497.86548	2.37383	176.37448	1397.57227	1.65868	567.64917	.00000
2.008	21.247	-.00301	497.70483	2.37383	176.32245	1397.09863	1.65867	567.92334	.00000
	GRADIENT	.00010	.04224	.00000	.02747	.06285	-.00001	1.09058	.00000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.962	.28395	503.09424	2.45386	138.83287	1670.06104	1.69670	572.68970	.00000
2.275	-1.813	.28411	502.51416	2.45386	138.67699	1668.09497	1.69669	572.63501	.00000
2.275	.159	.28443	502.46558	2.45386	138.66566	1667.91333	1.69669	572.79907	.00000
2.275	1.997	.28490	502.28955	2.45386	138.62141	1667.29028	1.69669	573.07300	.00000
2.275	4.090	.28632	502.30420	2.45386	138.62595	1667.33521	1.69669	573.12769	.00000
2.275	6.022	.28674	502.40674	2.45386	138.65326	1667.68286	1.69669	573.12744	.00000
2.275	7.968	.28726	502.35156	2.45386	138.63966	1667.48584	1.69669	573.23682	.00000
2.275	10.038	.28756	502.38110	2.45386	138.65210	1667.54224	1.6966	573.67456	.00000
2.275	12.022	.28860	502.75146	2.45386	138.75296	1668.78516	1.69669	573.83887	.00000
2.275	14.026	.28986	503.03076	2.45386	138.82628	1669.73047	1.69668	573.89355	.00000
2.275	16.091	.29036	502.91821	2.45386	138.80034	1669.32495	1.69669	574.11255	.00000
2.275	18.060	.29081	502.99268	2.45386	138.82137	1669.56836	1.69668	574.22192	.00000
2.275	20.163	.28880	503.06592	2.45386	138.84045	1669.82178	1.69668	574.16724	.00000
2.275	21.215	.28830	502.84570	2.45386	138.78702	1669.02246	1.69668	574.71436	.00000
	GRADIENT	.00031	-.09458	.00000	-.02454	-.32840	-.00000	.07462	.00000

OA234 LERC 10SWT 42 LHFN.IS RHF0.2A (AGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.028	-.18094	500.62183	2.53601	114.89285	1947.64917	1.70525	576.13574	.00000
2.495	-1.923	-.18086	500.70239	2.53601	114.91443	1947.91333	1.70498	576.62769	.00000
2.495	.073	-.18123	500.21021	2.53601	114.80717	1945.90771	1.70666	577.01050	.00000
2.495	2.006	-.18156	500.36914	2.53601	114.83751	1946.62354	1.70611	576.29956	.00000
2.495	3.981	-.18135	500.20435	2.53601	114.80350	1945.92261	1.70668	576.68262	.00000
2.495	6.035	-.18163	500.30762	2.53601	114.82652	1946.33398	1.70632	576.68237	.00000
2.495	7.990	-.18182	500.52808	2.53601	114.87630	1947.20557	1.70557	576.73706	.00000
2.495	10.028	-.18200	500.41577	2.53601	114.85277	1946.73315	1.70596	576.95581	.00000
2.495	12.009	-.18104	500.48120	2.53601	114.86891	1946.96655	1.70573	577.17432	.00000
2.495	14.054	-.18114	500.02124	2.53601	114 76489	1945.15259	1.70730	577.01050	.00000
2.495	15.865	-.18046	501.41724	2.53601	115.08495	1950.58960	1.70255	578.10376	.00000
2.495	16.074	-.18076	498.16504	2.53601	114.34898	1937.77002	1.71366	576.90137	.00000
2.495	18.076	-.18096	499.84375	2.53601	114.72681	1944.42139	1.70791	577.22925	.00000
2.495	20.122	-.18183	501.81494	2.53601	115.17079	1952.22388	1.70120	577.66650	.00000
2.495	21.083	-.18201	501.32178	2.53601	115.06579	1950.17554	1.70287	578.37695	.00000
	GRADIENT	-.00009	-.06560	-.00000	-.01441	-.26550	.00022	.03579	.00000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.661	-3.006	-.11992	434.11523	2.31445	87.56355	1920.75195	1.73379	573.72900	.00000
2.661	-1.967	-.11962	434.30737	2.31445	87.60492	1921.53857	1.73379	574.00244	.00000
2.661	-.022	-.11983	434.34058	2.31445	87.60780	1921.77588	1.73380	573.89331	.00000
2.661	1.937	-.11995	434.29346	2.31445	87.60536	1921.40503	1.73378	574.11206	.00000
2.661	3.964	-.11940	434.40381	2.31445	87.62492	1921.95703	1.73379	574.11206	.00000
2.661	5.892	-.11935	434.40161	2.31445	87.62302	1921.97925	1.73379	574.05713	.00000
2.661	7.874	-.11926	434.22925	2.31445	87.59250	1921.11743	1.73379	574.05737	.00000
2.661	9.888	-.11921	434.47485	2.31445	87.64044	1922.24438	1.73378	574.22119	.00000
2.661	11.949	-.11877	434.11890	2.31445	87.57591	1920.49927	1.73378	574.16699	.00000
2.661	13.986	-.11808	434.18506	2.31445	87.58177	1920.96484	1.73379	573.94775	.00000
2.661	15.936	-.11773	434.08398	2.31445	87.56973	1920.32520	1.73378	574.16675	.00000
2.661	17.967	-.11787	434.14624	2.31445	87.58365	1920.56812	1.73377	574.27612	.00000
2.661	20.013	-.11860	434.33398	2.31445	87.61258	1921.60571	1.73379	574.11230	.00000
2.661	21.040	-.11879	434.55591	2.31445	87.65909	1922.54687	1.73379	574.38574	.00000
	GRADIENT	.00004	.02937	-.00000	.00645	.11820	.00000	.04660	.00000

OA234 LERC 10SWT 42 LHFN.1S RHF0.2A (BGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.009	-2.851	-.00457	.41521	1.55870	.20526
2.008	-1.884	-.00347	.44940	1.54671	.20281
2.008	.090	-.00377	.52274	1.50927	.21278
2.008	2.076	-.00391	.59725	1.46857	.22321
2.008	4.075	-.00332	.67936	1.41973	.22506
2.008	6.018	-.00315	.76418	1.36562	.26394
2.008	7.988	-.00305	.84459	1.30649	.28178
2.008	9.977	-.00268	.92429	1.24196	.30730
2.008	12.014	-.00192	.99925	1.17744	.33993
2.008	13.965	-.00146	1.07260	1.10945	.36648
2.008	16.135	-.00084	1.15316	1.03351	.36512
2.008	18.169	-.00130	1.22360	.96166	.35852
2.008	20.232	-.00300	1.29248	.88859	.34265
2.008	21.247	-.00301	1.32616	.85225	.33636
	GRADIENT	.00010	.03803	-.02015	.00343

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.275	-2.962	.28395	.46729	1.64175	.17950
2.275	-1.813	.28411	.50810	1.62765	.18655
2.275	.159	.28443	.57783	1.59790	.20291
2.275	1.997	.28480	.64718	1.56083	.22417
2.275	4.090	.28632	.72732	1.51213	.22062
2.275	6.022	.28674	.81116	1.46170	.25315
2.275	7.968	.28726	.89412	1.40572	.27580
2.275	10.038	.28756	.97990	1.33943	.28777
2.275	12.022	.28860	1.05321	1.27553	.30886
2.275	14.026	.28986	1.12811	1.20490	.35283
2.275	16.091	.29036	1.20105	1.13242	.34553
2.275	18.060	.29081	1.27120	1.06145	.33123
2.275	20.163	.28880	1.33768	.98209	.32475
2.275	21.215	.28830	1.37158	.94212	.31852
	GRADIENT	.00031	.03684	-.01835	.00661

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (BGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.495	-3.028	-.18094	.50843	1.71392	.20410
2.495	-1.923	-.18086	.54584	1.69766	.21360
2.495	.073	-.18123	.61585	1.66212	.23508
2.495	2.006	-.18156	.68725	1.62253	.25615
2.495	3.981	-.18135	.77058	1.57580	.24505
2.495	6.035	-.18163	.85741	1.52104	.27035
2.495	7.990	-.18182	.94683	1.46083	.29169
2.495	10.028	-.18200	1.02835	1.39707	.30289
2.495	12.009	-.18104	1.11042	1.33421	.32170
2.495	14.054	-.18114	1.18472	1.27100	.36499
2.495	15.865	-.18046	1.25506	1.20730	.37040
2.495	16.074	-.18076	1.20782	1.20373	.37396
2.495	18.076	-.18096	1.33483	1.13199	.34729
2.495	20.122	-.18183	1.40750	1.05872	.34644
2.495	21.083	-.18201	1.43607	1.01865	.34291
	GRADIENT	-.00009	.03718	-.01968	.00682

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.661	-3.006	-.11992	.53345	1.74570	.21789
2.661	-1.967	-.11962	.56510	1.73337	.22715
2.661	-.022	-.11983	.63433	1.70555	.24205
2.661	1.937	-.11995	.71308	1.66755	.25215
2.661	3.964	-.11940	.79065	1.61831	.26482
2.661	5.892	-.11935	.87073	1.56186	.26601
2.661	7.874	-.11926	.96057	1.50901	.28154
2.661	9.888	-.11921	1.04262	1.43827	.29312
2.661	11.949	-.11877	1.13082	1.38119	.30581
2.661	13.986	-.11808	1.20482	1.31010	.34778
2.661	15.936	-.11773	1.28005	1.24181	.35869
2.661	17.967	-.11787	1.34872	1.16742	.35487
2.661	20.013	-.11860	1.41882	1.09204	.33279
2.661	21.040	-.11879	1.44931	1.05321	.33208
	GRADIENT	.00004	.03725	-.01815	.00661

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (AGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.855	-.00118	498.54565	2.29984	176.73244	1398.96045	1.65857	577.88379	.00000
2.007	-1.967	-.00160	498.60669	2.29984	176.75761	1399.11548	1.65856	578.21191	.00000
2.007	.058	-.00230	498.61987	2.29984	176.76213	1399.15381	1.65855	578.21191	.00000
2.007	2.037	-.00240	498.50073	2.29984	176.72495	1398.79810	1.65856	578.53906	.00000
2.007	4.059	-.00198	498.40771	2.29984	176.69629	1398.51660	1.65855	578.81226	.00000
2.007	6.022	-.00224	498.40454	2.29984	176.70055	1398.48364	1.65855	579.24951	.00000
2.007	8.012	-.00198	498.56030	2.29984	176.75414	1398.92822	1.65855	579.24976	.00000
2.007	10.025	-.00159	498.70435	2.29984	176.80901	1399.31567	1.65854	579.68628	.00000
2.007	12.026	-.00125	498.48437	2.29984	176.72935	1398.70630	1.65855	579.35889	.00000
2.007	14.013	-.00091	498.27881	2.29984	176.66728	1398.08057	1.65853	580.06909	.00000
2.007	16.090	-.00051	498.27661	2.29984	176.66512	1398.08057	1.65853	579.95972	.00000
2.007	18.137	-.00078	498.55835	2.29984	176.77220	1398.83887	1.65853	580.77905	.00000
2.007	20.137	-.00252	498.43530	2.29984	176.72995	1398.48877	1.65853	580.77881	.00000
2.007	21.114	-.00266	498.28467	2.29984	176.67398	1398.07617	1.65852	580.45117	.00000
	GRADIENT	-.00012	-.02336	-.00000	-.00659	-.07299	-.00000	.12015	.00000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.966	.28618	504.59131	2.35013	139.41498	1673.44702	1.69654	590.31763	.00000
2.274	-1.869	.28614	503.58643	2.35013	139.15331	1669.96313	1.69652	591.02637	.00000
2.274	.096	.28602	502.91016	2.35013	138.97054	1667.68262	1.69651	590.86279	.00000
2.274	1.989	.28618	502.96753	2.35013	138.98753	1667.86279	1.69651	591.02563	.00000
2.274	3.952	.28736	502.94800	2.35013	138.98579	1667.76562	1.69651	591.35278	.00000
2.274	6.014	.28743	502.71411	2.35013	138.91974	1667.00269	1.69651	591.02759	.00000
2.274	7.988	.28785	502.87622	2.35013	138.97044	1667.48364	1.69651	591.73242	.00000
2.274	9.993	.28805	503.08350	2.35013	139.02823	1668.16626	1.69650	591.95215	.00000
2.274	11.986	.28910	503.11938	2.35013	139.04178	1668.25244	1.69650	592.33057	.00000
2.274	13.994	.29019	503.08838	2.35013	139.03795	1668.10620	1.69650	592.76709	.00000
2.274	16.021	.29070	502.84399	2.35013	138.97310	1667.27100	1.69649	592.82178	.00000
2.274	18.064	.29118	502.82422	2.35013	138.96051	1667.26904	1.69650	592.11499	.00000
2.274	20.064	.28920	503.05615	2.35013	139.03104	1667.97925	1.69650	592.93066	.00000
2.274	21.120	.28855	502.95020	2.35013	139.00385	1667.60767	1.69649	593.03931	.00000
	GRADIENT	.00014	-.20821	.00000	-.05459	-.71779	-.00000	.11102	.00000

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (AGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.493	-2.969	-.17938	500.75171	2.42115	115.06613	1945.86719	1.70403	595.54028	.00000
2.493	-1.958	-.17932	501.50806	2.42115	115.23727	1948.85278	1.70146	595.81104	.00000
2.493	.050	-.17997	500.80469	2.42115	115.08380	1945.98853	1.70385	596.30054	.00000
2.493	1.994	-.18036	500.75171	2.42115	115.07364	1945.75000	1.70403	596.51782	.00000
2.493	4.013	-.18012	500.79370	2.42115	115.07889	1945.98291	1.70389	595.97461	.00000
2.493	5.968	-.18084	500.78931	2.42115	115.07745	1945.97437	1.70390	595.92090	.00000
2.493	7.942	-.18100	500.72266	2.42115	115.06915	1945.60229	1.70413	596.79053	.00000
2.493	9.972	-.18132	500.73926	2.42115	115.07123	1945.69336	1.70407	596.57153	.00000
2.493	11.944	-.18052	500.52100	2.42115	115.02336	1944.81030	1.70482	596.68140	.00000
2.493	13.985	-.18054	500.95703	2.42115	115.12245	1946.52271	1.70333	596.89868	.00000
2.493	15.967	-.18024	501.05957	2.42115	115.15573	1946.76562	1.70298	598.25732	.00000
2.493	18.022	-.18052	500.94336	2.42115	115.12392	1946.39453	1.70338	597.49658	.00000
2.493	20.052	-.18146	500.59009	2.42115	115.04373	1945.00732	1.70458	597.33472	.00000
2.493	21.038	-.18221	500.84766	2.42115	115.09967	1946.06030	1.70370	597.11597	.00000
	GRADIENT	-.00014	-.04626	-.00000	-.00971	-.19435	.00016	.08154	.00000

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (BGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.007	-2.855	-.00118	.42100	1.54853	.19541
2.007	-1.967	-.00160	.45188	1.53133	.19303
2.007	.058	-.00230	.52556	1.49068	.20106
2.007	2.037	-.00240	.60665	1.44713	.20807
2.007	4.059	-.00198	.69175	1.39821	.21957
2.007	6.022	-.00224	.77691	1.34383	.25597
2.007	8.012	-.00198	.85867	1.28671	.27843
2.007	10.025	-.00159	.93631	1.22575	.30351
2.007	12.026	-.00125	1.01041	1.16042	.33001
2.007	14.013	-.00091	1.08617	1.09266	.35694
2.007	16.090	-.00051	1.15869	1.02236	.35599
2.007	18.137	-.00078	1.23048	.94831	.34296
2.007	20.137	-.00252	1.30041	.87501	.32985
2.007	21.114	-.00266	1.33205	.83847	.32334
	GRADIENT	-.00012	.03917	-.02165	.00366

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (BGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.274	-2.966	.28618	.46964	1.61026	.18227
2.274	-1.869	.28614	.50421	1.59199	.18841
2.274	.096	.28602	.57093	1.55646	.20982
2.274	1.989	.28618	.64223	1.51802	.22712
2.274	3.952	.28736	.72325	1.47403	.24329
2.274	6.014	.28743	.81265	1.42324	.26530
2.274	7.988	.28785	.89445	1.36591	.28376
2.274	9.993	.28805	.97539	1.30611	.30689
2.274	11.986	.28910	1.05112	1.24446	.31958
2.274	13.994	.29019	1.12430	1.17062	.35641
2.274	16.021	.29070	1.19858	1.10462	.32914
2.274	18.064	.29118	1.26829	1.02546	.32637
2.274	20.064	.28920	1.33456	.94851	.32630
2.274	21.120	.28855	1.37378	.90665	.32344
	GRADIENT	.00014	.03659	-.01965	.00912

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA
2.493	-2.969	-.17938	.51628	1.70306	.19737
2.493	-1.958	-.17932	.54972	1.68656	.20648
2.493	.050	-.17997	.62019	1.65183	.22655
2.493	1.994	-.18036	.69082	1.61554	.23075
2.493	4.013	-.18012	.77743	1.56717	.23092
2.493	5.968	-.18084	.86244	1.51512	.26172
2.493	7.942	-.18100	.94842	1.46164	.27996
2.493	9.972	-.18132	1.03421	1.40135	.29555
2.493	11.944	-.18052	1.11533	1.34078	.30874
2.493	13.985	-.18054	1.18968	1.26422	.34898
2.493	15.967	-.18024	1.26079	1.19317	.35198
2.493	18.022	-.18052	1.33214	1.11555	.32186
2.493	20.032	-.18146	1.40158	1.03615	.33016
2.493	21.038	-.18221	1.43407	.99454	.33122
	GRADIENT	-.00014	.03714	-.01922	.00496

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-2.926	.11099	497.45239	2.32197	176.31221	1396.03979	1.65859	574.27661	90.00000
2.008	-2.007	.11021	497.38574	2.32197	176.29114	1395.83862	1.65859	574.44067	90.00000
2.008	-1.017	.10991	497.41284	2.32197	176.30257	1395.90869	1.65859	574.60474	90.00000
2.008	-.008	.10984	497.60596	2.32197	176.36116	1396.49390	1.65860	573.94849	90.00000
2.008	1.008	.11030	497.54468	2.32197	176.35379	1396.25757	1.65858	575.09717	90.00000
2.008	1.972	.11137	497.26294	2.32197	176.25745	1395.45068	1.65858	575.15186	90.00000
2.008	2.925	.11167	497.52686	2.32197	176.34900	1396.20190	1.65858	575.20654	90.00000
2.008	4.929	.11248	497.36401	2.32197	176.29568	1395.72510	1.65858	575.42529	90.00000
	GRADIENT	.00026	-.00593	.00000	-.00008	-.02564	-.00000	.16266	.00000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.930	.11588	502.23096	2.40654	138.68913	1666.30933	1.69661	581.21704	90.00000
2.275	-2.007	.11545	503.22119	2.40654	138.95874	1669.62988	1.69661	581.65356	90.00000
2.274	-1.064	.11510	503.04102	2.40654	138.91278	1668.99878	1.69661	581.87207	90.00000
2.275	.008	.11452	502.57031	2.40654	138.77335	1667.52295	1.69661	580.56201	90.00000
2.274	.960	.11498	503.00073	2.40654	138.90656	1668.81641	1.69660	582.30859	90.00000
2.274	1.976	.11525	503.19067	2.40654	138.95793	1669.45752	1.69660	582.36328	90.00000
2.274	2.889	.11536	502.99194	2.40654	138.90701	1668.76221	1.69660	582.58154	90.00000
2.274	4.830	.11573	503.11890	2.40654	138.94205	1669.18311	1.69660	582.69067	90.00000
	GRADIENT	.00000	.06440	.00000	.01932	.19924	-.00000	.20161	.00000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.494	-2.918	.11395	500.52197	2.49111	114.92737	1946.34229	1.70540	583.89087	90.00000
2.494	-1.932	.11360	500.12793	2.49111	114.84052	1944.75220	1.70675	584.05444	90.00000
2.494	-.958	.11352	499.53735	2.49111	114.71014	1942.37451	1.70876	584.27271	90.00000
2.494	-.023	.11435	501.05957	2.49111	115.04431	1948.53857	1.70357	583.45459	90.00000
2.494	.952	.11441	500.28589	2.49111	114.87985	1945.31836	1.70621	584.59985	90.00000
2.494	1.964	.11460	500.20264	2.49111	114.86209	1944.97388	1.70649	584.70898	90.00000
2.494	2.945	.11475	500.33154	2.49111	114.89172	1945.47388	1.70605	584.81812	90.00000
2.494	4.957	.11573	500.50073	2.49111	114.93193	1946.11255	1.70547	585.14526	90.00000
	GRADIENT	.00026	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.659	-2.930	.09721	435.21729	2.27774	87.96907	1921.41309	1.73358	581.70801	90.00000
2.659	-1.968	.09685	435.26709	2.27774	87.97797	1921.66064	1.73358	581.70776	90.00000
2.659	-.947	.09670	435.26587	2.27774	87.97203	1921.78564	1.73359	581.48950	90.00000
2.659	-.012	.09682	435.30225	2.27774	87.98563	1921.80225	1.73358	581.76245	90.00000
2.658	.952	.09691	435.16919	2.27774	87.96327	1921.11060	1.73357	581.81714	90.00000
2.659	1.988	.09704	435.25342	2.27774	87.96983	1921.72314	1.73359	581.48950	90.00000
2.659	2.953	.09692	435.21997	2.27774	87.96533	1921.52222	1.73358	581.54419	90.00000
2.659	4.945	.09753	435.26050	2.27774	87.97684	1921.62671	1.73358	581.70801	90.00000
	GRADIENT	.00005	-.00068	.00000	-.00029	.00059	.00000	-.00694	-.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (DGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.008	-2.926	.11099	1.64885	.27082	.50123	.37400	.51327	.36972	.52481	.39146	.50901
2.008	-2.007	.11021	1.64811	.27185	.47656	.39647	.48696	.39178	.49974	.41386	.51031
2.008	-1.017	.10991	1.64983	.27208	.45004	.42010	.45975	.41630	.47281	.43886	.51017
2.008	-.008	.10984	1.64874	.27256	.42454	.44464	.43235	.44140	.44636	.46541	.50931
2.008	1.008	.11030	1.64801	.27282	.39850	.46874	.40606	.46640	.41950	.49175	.51139
2.008	1.972	.11137	1.64435	.27244	.37688	.49406	.38266	.49326	.39681	.51843	.51317
2.008	2.925	.11107	1.63979	.27262	.35402	.51783	.35800	.51878	.37310	.54418	.51056
2.008	4.929	.11248	1.62788	.27495	.31059	.57253	.31330	.57538	.32748	.60093	.50269
	GRADIENT	.00026	-.00243	.00040	-.02437	.02509	-.02558	.02608	-.02523	.02665	-.00047

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.274	-2.930	.11588	1.66262	.25072	.47783	.35026	.48934	.34890	.50257	.36946	.48426
2.275	-2.007	.11545	1.66418	.25051	.45370	.37165	.46376	.36946	.47714	.39144	.48192
2.274	-1.064	.11510	1.66396	.25228	.43063	.39438	.43848	.39256	.45163	.41436	.48238
2.275	.008	.11452	1.66318	.25460	.40445	.42071	.41169	.41815	.42413	.44058	.48067
2.274	.960	.11498	1.66046	.25498	.38291	.44455	.38862	.44236	.40097	.46483	.48000
2.274	1.976	.11525	1.65632	.25478	.35880	.46905	.36339	.46784	.37509	.49080	.48281
2.274	2.889	.11536	1.65359	.25481	.33784	.49302	.34235	.49140	.35417	.51504	.48242
2.274	4.830	.11573	1.64212	.25500	.29573	.54063	.29854	.54163	.30998	.56586	.47705
	GRADIENT	.00000	-.00261	.00064	-.02347	.02462	-.02458	.02490	-.02486	.02532	-.00057

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (DGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.494	-2.918	.11395	1.71389	.26567	.48925	.35861	.49831	.35382	.50887	.37274	.47678
2.494	-1.932	.11360	1.71419	.26603	.46211	.38007	.46935	.37652	.48016	.39483	.47760
2.494	-.958	.11352	1.71453	.26515	.43776	.40381	.44405	.39943	.45413	.41845	.47910
2.494	-.023	.11435	1.71350	.26505	.41487	.42523	.42048	.42174	.43080	.44210	.47843
2.494	.952	.11441	1.71339	.26495	.39128	.44900	.39721	.44632	.40905	.46609	.47814
2.494	1.964	.11460	1.70812	.26460	.36773	.47273	.37261	.47051	.38424	.49219	.47997
2.494	2.945	.11475	1.70293	.26478	.34465	.49764	.34977	.49510	.36154	.51780	.47919
2.494	4.957	.11573	1.68712	.26384	.30165	.54965	.30505	.54933	.31647	.57270	.47364
	GRADIENT	.00025	-.00314	-.00024	-.02382	.02422	-.02442	.02472	-.02424	.02539	-.00021

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.659	-2.930	.09721	1.71137	.25651	.47802	.34432	.48599	.34207	.49586	.35984	.46616
2.659	-1.968	.09685	1.71545	.25615	.45345	.36726	.46164	.36498	.47141	.38339	.46631
2.659	-.947	.09670	1.71785	.25649	.42809	.39171	.43558	.38854	.44502	.40866	.46566
2.659	-.012	.09682	1.71442	.25566	.40493	.41258	.40987	.41037	.41999	.42881	.46474
2.658	.952	.09691	1.71130	.25700	.38210	.43563	.38777	.43352	.39712	.45358	.46367
2.659	1.988	.09704	1.70651	.25644	.35730	.45888	.36224	.45764	.37150	.47840	.46307
2.659	2.953	.09692	1.70212	.25532	.33588	.48133	.33968	.48070	.34956	.50222	.46241
2.659	4.945	.09753	1.68801	.25459	.29117	.53104	.29503	.53186	.30546	.55378	.46019
	GRADIENT	.00005	-.00315	-.00020	-.02375	.02352	-.02438	.02394	-.02433	.02447	-.00079

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (EGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.008	-2.926	.11099	.17141	.45653	.31178	.44153	.29667	.40757	.26331	.53777
2.008	-2.007	.11021	.17023	.43102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.008	-.008	.10984	.17010	.37942	.38492	.36269	.36689	.33485	.32766	.53838
2.008	1.008	.11030	.16994	.35428	.41215	.33838	.39185	.31246	.35092	.56206
2.008	1.972	.11137	.16995	.33242	.43795	.31632	.41669	.29205	.37429	.56669
2.008	2.925	.11167	.17016	.31090	.46592	.29478	.44179	.27131	.39683	.56363
2.008	4.929	.11248	.17158	.26656	.52616	.25090	.49775	.23048	.45033	.51849
	GRADIENT	.00026	.00004	-.02413	.02720	-.02418	.02546	-.02246	.02362	.00051

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (EGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.274	-2.930	.11588	.15562	.43240	.28441	.41529	.26899	.38456	.24396	.49444
2.275	-2.007	.11545	.15515	.40624	.30613	.38828	.29010	.36043	.26300	.49508
2.274	-1.064	.11510	.15558	.38284	.32861	.36562	.31193	.33809	.28351	.49607
2.275	.008	.11452	.15433	.35614	.35346	.33808	.33519	.31332	.30512	.49727
2.274	.960	.11498	.15398	.33304	.37785	.31533	.35867	.29337	.32731	.50181
2.274	1.976	.11525	.15339	.30890	.40171	.29124	.38150	.27074	.34854	.52714
2.274	2.889	.11536	.15294	.28839	.42464	.27069	.40415	.25222	.36907	.53062
2.274	4.830	.11573	.15101	.24593	.47640	.22903	.45433	.21359	.41547	.48765
	GRADIENT	.00000	-.00058	-.02400	.02459	-.02396	.02369	-.02197	.02198	.00204

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.494	-2.918	.11395	.16715	.43502	.28475	.41487	.26890	.38791	.24806	.48397
2.494	-1.932	.11360	.16528	.40885	.30725	.39029	.29030	.36406	.26814	.48617
2.494	-.958	.11352	.16513	.38575	.32989	.36713	.31264	.34248	.28876	.48725
2.494	-.023	.11435	.16490	.36218	.35340	.34316	.33431	.32223	.30924	.48784
2.494	.952	.11441	.16292	.33819	.37511	.32033	.35494	.30096	.32893	.49195
2.494	1.964	.11460	.16254	.31466	.40121	.29720	.38123	.27979	.35310	.51226
2.494	2.945	.11475	.16147	.29200	.42689	.27415	.40533	.25871	.37603	.51266
2.494	4.957	.11573	.16052	.24906	.47966	.23115	.45688	.21957	.42333	.47620
	GRADIENT	.00025	-.00083	-.02370	.02470	-.02345	.02380	-.02138	.02224	.00125

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.659	-2.930	.09721	.15857	.42478	.27299	.40584	.25697	.37780	.23825	.46229
2.659	-1.968	.09685	.15775	.40033	.29409	.38129	.27596	.35596	.25723	.46450
2.659	-.947	.09670	.15758	.37395	.31738	.35394	.29844	.33185	.27733	.46476
2.659	-.012	.09682	.15623	.34990	.33704	.33079	.31881	.30909	.29718	.46540
2.658	.952	.09691	.15657	.32704	.36083	.30745	.34086	.28996	.31685	.46820
2.659	1.988	.09704	.15553	.30191	.38668	.28366	.36508	.26842	.33951	.46826
2.659	2.953	.09692	.15439	.28096	.41250	.26224	.39200	.24883	.36356	.46801
2.659	4.945	.09753	.15216	.23735	.46361	.22050	.44119	.21013	.40978	.45847
	GRADIENT	.00005	-.00077	-.02391	.02420	-.02366	.02346	-.02136	.02174	-.00010

OA234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (FGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.008	-2.926	.11099	.27023	.16623	.24162	.13313	.17335	.07727	.14087	.05312
2.008	-2.007	.11021	.25207	.18351	.22389	.14914	.15908	.09196	.12745	.06437
2.008	-1.017	.10991	.23247	.20195	.20624	.16587	.14295	.10651	.11286	.07938
2.008	-.008	.10984	.21394	.22699	.18667	.18151	.12529	.12295	.09722	.09546
2.008	1.008	.11030	.19481	.25409	.17081	.20000	.11092	.14054	.08397	.11092
2.008	1.972	.11137	.18049	.27797	.15642	.21899	.09874	.15701	.07302	.12729
2.008	2.925	.11167	.16335	.29492	.14049	.23728	.08509	.17573	.05973	.14259
2.008	4.929	.11248	.13151	.32921	.11178	.28031	.06014	.21429	.03708	.17995
	GRADIENT	.00026	-.01767	.02166	-.01656	.01850	-.01453	.01734	-.01330	.01613

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.274	-2.930	.11588	.24953	.13129	.21702	.11163	.15874	.06630	.12837	.04696
2.275	-2.007	.11545	.22966	.14708	.19875	.12491	.14287	.07794	.11370	.05694
2.274	-1.064	.11510	.21123	.16373	.18149	.14110	.12785	.09199	.09941	.07012
2.275	.008	.11452	.19123	.18427	.16298	.15912	.11075	.10989	.08425	.08592
2.274	.960	.11498	.17506	.20661	.14880	.17592	.09852	.12462	.07103	.10023
2.274	1.976	.11525	.15742	.23845	.13267	.19376	.08388	.14283	.05750	.11509
2.274	2.889	.11536	.14281	.26063	.11881	.21124	.07268	.16070	.04576	.12913
2.274	4.830	.11573	.11401	.29460	.09227	.25041	.04902	.19427	.02268	.16233
	GRADIENT	.00000	-.01747	.02198	-.01605	.01783	-.01414	.01667	-.01365	.01490

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.494	-2.918	.11395	.25451	.13586	.22272	.11652	.16681	.07494	.13414	.05333
2.494	-1.932	.11360	.23417	.15075	.20307	.13181	.14945	.08764	.11704	.06516
2.494	-.958	.11352	.21642	.16732	.18471	.14709	.13288	.10154	.10115	.07691
2.494	-.023	.11435	.19846	.18468	.16837	.16282	.11774	.11566	.08721	.08897
2.494	.952	.11441	.18103	.20637	.15205	.17888	.10278	.13081	.07337	.10278
2.494	1.964	.11460	.16390	.23006	.13603	.19787	.08908	.14718	.06037	.11746
2.494	2.945	.11475	.14779	.25166	.12107	.21656	.07601	.16411	.04847	.13403
2.494	4.957	.11573	.11679	.28985	.09360	.25479	.04929	.19927	.02575	.16623
	GRADIENT	.00025	-.01751	.02010	-.01643	.01755	-.01489	.01582	-.01376	.01378

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (FGY002) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.659	-2.930	.09721	.24122	.12719	.20955	.10824	.15915	.06897	.12857	.05040
2.659	-1.968	.09685	.22213	.14125	.19173	.12180	.14404	.08155	.11326	.06101
2.659	-.947	.09670	.20269	.15634	.17507	.13596	.12607	.09418	.09708	.07319
2.659	-.012	.09682	.18548	.17324	.15823	.15137	.11183	.10811	.08271	.08564
2.658	.952	.09691	.17003	.19479	.14407	.16706	.09786	.12423	.07054	.09835
2.659	1.988	.09704	.15417	.21603	.12753	.18530	.08398	.14003	.05751	.11265
2.659	2.953	.09692	.13918	.23261	.11439	.20540	.07246	.15563	.04685	.12682
2.659	4.945	.09753	.11177	.26795	.08765	.24372	.04851	.19047	.02460	.15822
	GRADIENT	.00005	-.01645	.01836	-.01552	.01720	-.01412	.01544	-.01321	.01366

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (GGY002) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.008	-2.926	.11099	.43244	.37573
2.008	-2.007	.11021	.40648	.41073
2.008	-1.017	.10991	.37910	.44343
2.008	-.008	.10984	.35361	.47228
2.008	1.008	.11030	.32887	.49509
2.008	1.972	.11137	.30767	.51222
2.008	2.925	.11167	.28614	.52517
2.008	4.929	.11248	.24397	.54443
	GRADIENT	.00026	-.02398	.02163

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.274	-2.930	.11588	.39644	.30321
2.275	-2.007	.11545	.37075	.32553
2.274	-1.064	.11510	.34723	.35251
2.275	.008	.11452	.32181	.38907
2.274	.960	.11498	.29994	.42831
2.274	1.976	.11525	.27798	.46905
2.274	2.889	.11536	.25829	.50284
2.274	4.830	.11573	.22048	.56284
	GRADIENT	.00000	-.02266	.03478

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (GGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.494	-2.918	.11395	.39509	.30796
2.494	-1.932	.11360	.37050	.32767
2.494	-.958	.11352	.34732	.34790
2.494	-.023	.11435	.32513	.36819
2.494	.952	.11441	.30356	.39359
2.494	1.964	.11460	.28215	.42462
2.494	2.945	.11475	.26169	.46543
2.494	4.957	.11573	.22384	.55523
	GRADIENT	.00025	-.02184	.03057

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.659	-2.930	.09721	.38162	.29201
2.659	-1.968	.09685	.35905	.31297
2.659	-.947	.09670	.33417	.33693
2.659	-.012	.09682	.31250	.35533
2.658	.952	.09691	.29213	.37640
2.659	1.988	.09704	.27031	.39816
2.659	2.953	.09692	.25137	.42507
2.659	4.945	.09753	.21506	.49599
	GRADIENT	.00005	-.02129	.02484

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-4.849	.11296	497.60034	2.40367	176.22035	1397.09668	1.65874	562.38037	270.00000
2.009	-2.920	.11111	497.80371	2.40367	176.28513	1397.69873	1.65874	561.94092	270.00000
2.009	-.959	.10980	497.60767	2.40367	176.21169	1397.16797	1.65875	561.44604	270.00000
2.009	.021	.10984	497.82886	2.40367	176.25150	1397.96118	1.65878	558.36670	270.00000
2.009	1.021	.10914	497.69189	2.40367	176.22963	1397.45679	1.65876	560.51147	270.00000
2.009	1.990	.10929	497.80762	2.40367	176.26123	1397.82373	1.65877	559.79687	270.00000
2.009	3.002	.11020	497.60645	2.40367	176.18536	1397.27881	1.65877	559.24683	270.00000
	GRADIENT	-.00038	.00735	-.00000	-.00260	.04381	.00000	-.43368	-.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-4.893	.11367	502.91943	2.47701	138.76941	1669.62451	1.69672	571.04712	270.00000
2.275	-3.094	.11174	502.52368	2.47701	138.66171	1668.29517	1.69672	570.88257	270.00000
2.275	-1.888	.11093	502.72778	2.47701	138.71527	1668.99951	1.69672	570.77319	270.00000
2.275	-.983	.11079	502.69580	2.47701	138.70221	1668.93335	1.69672	570.33472	270.00000
2.276	.104	.11027	502.80200	2.47701	138.71106	1669.47803	1.69674	568.41699	270.00000
2.275	.998	.11058	502.67871	2.47701	138.69099	1668.93726	1.69673	569.67773	270.00000
2.276	2.006	.11056	502.64087	2.47701	138.67580	1668.85596	1.69674	569.18433	270.00000
2.276	3.017	.11036	502.79810	2.47701	138.71567	1669.40894	1.69673	568.96509	270.00000
	GRADIENT	-.00036	-.00606	.00000	-.00479	.00889	.00000	-.31012	.00000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-4.900	.11864	500.53223	2.55506	114.86765	1947.37451	1.70481	575.42505	270.00000
2.495	-2.932	.11741	500.43164	2.55506	114.84404	1946.99341	1.70515	575.26123	270.00000
2.495	-1.991	.11701	500.58374	2.55506	114.87401	1947.66284	1.70463	574.71436	270.00000
2.495	-1.165	.11684	500.57300	2.55506	114.87006	1947.64502	1.70467	574.49536	270.00000
2.495	.049	.11631	500.79907	2.55506	114.90962	1948.71729	1.70390	572.96338	270.00000
2.495	.966	.11697	500.27832	2.55506	114.79901	1946.55249	1.70567	573.78394	270.00000
2.495	2.029	.11714	500.61450	2.55506	114.87151	1947.93237	1.70453	573.40112	270.00000
2.495	3.092	.11707	500.63647	2.55506	114.87518	1948.03857	1.70445	573.23682	270.00000
	GRADIENT	-.00016	.01044	.00000	.00005	.07760	-.00004	-.31727	.00000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-4.885	.10361	434.15552	2.32114	87.55310	1921.35791	1.73382	573.07227	270.00000
2.662	-2.952	.10256	434.15039	2.32114	87.54636	1921.46655	1.73382	572.85352	270.00000
2.661	-1.940	.10219	434.05444	2.32114	87.53818	1920.78711	1.73380	573.18188	270.00000
2.662	-.999	.10182	434.05078	2.32114	87.52434	1921.07129	1.73382	572.68921	270.00000
2.662	.104	.10107	434.10205	2.32114	87.52899	1921.43164	1.73383	572.52515	270.00000
2.662	.978	.10147	434.28564	2.32114	87.56728	1922.21362	1.73383	572.74390	270.00000
2.662	1.982	.10155	433.99292	2.32114	87.51698	1920.71582	1.73382	572.79858	270.00000
2.662	3.092	.10158	434.10889	2.32114	87.53458	1921.36035	1.73382	572.68921	270.00000
	GRADIENT	-.00026	-.00463	-.00000	-.00216	.00788	.00000	-.05004	-.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A.B (DGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.008	-4.849	.11296	1.63853	.27310	.55723	.32439	.57058	.37249	.58299	.34112	.50834
2.009	-2.920	.11111	1.64603	.27090	.50464	.36755	.51693	.36706	.53050	.38549	.51243
2.009	-1.892	.11021	1.64766	.27060	.47837	.39247	.48889	.38922	.50319	.41138	.51256
2.009	-.959	.10980	1.64898	.27072	.45424	.41463	.46287	.41140	.47777	.43501	.51179
2.009	.021	.10984	1.64497	.27137	.42975	.43902	.43693	.43667	.45242	.46130	.51195
2.009	1.021	.10914	1.64860	.27177	.40412	.46486	.41079	.46295	.42681	.48872	.51228
2.009	1.990	.10929	1.64563	.27201	.38150	.48906	.38663	.48836	.40171	.51460	.51216
2.009	3.002	.11020	1.64470	.27203	.35741	.51509	.36140	.51538	.37668	.54165	.51062
	GRADIENT	-.00038	.00055	-.00001	-.02541	.02442	-.02667	.02016	-.02629	.02578	.00021

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.275	-4.893	.11367	1.67273	.26846	.54283	.31357	.55310	.35184	.56386	.32718	.47174
2.275	-3.094	.11174	1.68045	.27047	.49781	.35545	.50480	.35172	.51598	.36893	.47853
2.275	-1.888	.11093	1.68383	.27102	.46825	.38382	.47429	.37960	.48483	.39839	.48110
2.275	-.983	.11079	1.68427	.27121	.44586	.40705	.44993	.40258	.46184	.42146	.47928
2.276	.104	.11027	1.68532	.27104	.41942	.43431	.42340	.43013	.43517	.45014	.47937
2.275	.998	.11058	1.68364	.27053	.39794	.45660	.40090	.45319	.41251	.47379	.48102
2.276	2.006	.11056	1.68047	.27042	.37350	.48098	.37663	.47886	.38850	.50082	.48443
2.276	3.017	.11036	1.67495	.26929	.35037	.50736	.35261	.50578	.36530	.52897	.48652
	GRADIENT	-.00036	.00032	.00008	-.02437	.02457	-.02533	.02117	-.02511	.02560	.00150

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-4.900	.11864	1.70070	.25911	.53744	.31239	.54960	.36835	.56172	.33247	.48925
2.495	-2.932	.11741	1.70876	.25927	.48504	.35689	.49435	.36243	.50783	.37602	.49408
2.495	-1.991	.11701	1.71110	.25890	.46097	.37785	.46925	.37710	.48358	.39730	.49409
2.495	-1.165	.11684	1.71283	.25881	.44033	.39583	.44794	.39559	.46159	.41673	.49024
2.495	.049	.11631	1.71513	.25966	.41266	.42765	.41876	.42728	.43237	.44908	.49219
2.495	.966	.11697	1.71397	.26086	.39081	.44754	.39580	.44804	.40841	.47035	.49150
2.495	2.029	.11714	1.71145	.26068	.36559	.47467	.37058	.47485	.38225	.49786	.49291
2.495	3.092	.11707	1.70797	.26076	.34237	.50276	.34537	.50321	.35790	.52649	.49288
	GRADIENT	-.00016	.00092	.00027	-.02429	.02377	-.02542	.01875	-.02547	.02437	.00020

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (DGY003) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.662	-4.885	.10361	1.70879	.25030	.52499	.30400	.53550	.30536	.54773	.32193	.47293
2.662	-2.952	.10256	1.72086	.25391	.47312	.34719	.48313	.34716	.49482	.36658	.47510
2.661	-1.940	.10219	1.72331	.25430	.44914	.37130	.45653	.37080	.46938	.39000	.47592
2.662	-.999	.10182	1.72369	.25450	.42606	.39331	.43275	.39283	.44533	.41123	.47664
2.662	.104	.10107	1.71997	.25741	.40122	.42051	.40711	.41957	.41952	.43963	.47660
2.662	.978	.10147	1.72064	.25571	.37958	.44047	.38435	.44054	.39690	.46135	.47623
2.662	1.982	.10155	1.71544	.25593	.35615	.46660	.36063	.46627	.37295	.48773	.47619
2.662	3.092	.10158	1.70530	.25487	.33364	.49327	.33602	.49429	.34860	.51614	.47644
	GRADIENT	-.00026	-.00050	.00058	-.02395	.02383	-.02498	.02377	-.02493	.02438	.00037

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (EGY003) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.008	-4.849	.11296	.17972	.51552	.26394	.50141	.25220	.46136	.22065	.51725
2.009	-2.920	.11111	.17537	.46177	.30621	.44623	.29236	.41075	.25892	.55082
2.009	-1.892	.11021	.17328	.43529	.33033	.41995	.31551	.38612	.28018	.54904
2.009	-.959	.10980	.17079	.41204	.35355	.39669	.33724	.36488	.30063	.53832
2.009	.021	.10984	.17059	.38585	.37858	.37005	.36121	.34024	.32246	.55577
2.009	1.021	.10914	.16880	.36197	.40644	.34615	.38661	.31842	.34572	.56345
2.009	1.990	.10929	.16818	.33773	.43365	.32267	.41166	.29643	.36939	.56994
2.009	3.002	.11020	.16730	.31398	.46332	.29812	.43983	.27421	.39593	.56744
	GRADIENT	-.00038	-.00156	-.02559	.02549	-.02573	.02396	-.02371	.02230	.00589

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.275	-4.893	.11367	.16820	.49325	.24557	.47474	.23102	.44021	.20840	.47143
2.275	-3.094	.11174	.17060	.44620	.28515	.42755	.26943	.39569	.24463	.50699
2.275	-1.888	.11093	.17031	.41506	.31335	.39630	.29566	.36645	.26868	.51480
2.275	-.983	.11079	.17004	.39292	.33471	.37345	.31674	.34507	.28820	.49095
2.276	.104	.11027	.16991	.36712	.36171	.34791	.34359	.32157	.31237	.51306
2.275	.998	.11058	.16983	.34616	.38537	.32729	.36585	.30206	.33371	.51910
2.276	2.006	.11056	.16972	.32301	.41287	.30455	.39235	.28122	.35808	.52379
2.276	3.017	.11036	.16816	.29899	.43975	.28102	.41964	.25935	.38248	.52704
	GRADIENT	-.00036	-.00004	-.02443	.02464	-.02439	.02388	-.02275	.02205	.00584

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (EGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-4.900	.11864	.16353	.48992	.24652	.47290	.23159	.44044	.21391	.48390
2.495	-2.932	.11741	.16237	.43730	.28880	.42008	.27263	.39033	.25316	.52030
2.495	-1.991	.11701	.16116	.41353	.30882	.39559	.29234	.36695	.27129	.52528
2.495	-1.165	.11684	.15976	.39239	.32826	.37451	.31074	.34778	.28761	.50113
2.495	.049	.11631	.16155	.36149	.35853	.34431	.34001	.31995	.31594	.51658
2.495	.966	.11697	.16051	.33918	.37932	.32283	.36025	.30037	.33445	.52538
2.495	2.029	.11714	.15990	.31393	.40470	.29634	.38483	.27717	.35741	.52367
2.495	3.092	.11707	.15955	.29043	.43251	.27313	.41206	.25642	.38279	.52512
	GRADIENT	-.00016	-.00045	-.02500	.02332	-.02499	.02260	-.02299	.02111	.00388

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.662	-4.885	.10361	.15506	.47787	.23527	.46004	.22079	.42702	.20621	.46301
2.662	-2.952	.10256	.15615	.42695	.27745	.40964	.26001	.38009	.24353	.47302
2.661	-1.940	.10219	.15554	.40003	.30039	.38270	.28314	.35546	.26470	.47631
2.662	-.999	.10182	.15573	.37548	.32263	.35812	.30464	.33215	.28474	.47753
2.662	.104	.10107	.15664	.34868	.34956	.33080	.32985	.30850	.30799	.47997
2.662	.978	.10147	.15598	.32808	.36934	.31168	.34937	.28976	.32605	.48108
2.662	1.982	.10155	.15514	.30656	.39568	.28968	.37493	.27047	.34921	.48196
2.662	3.092	.10158	.15408	.28321	.42362	.26671	.40309	.25036	.37579	.47791
	GRADIENT	-.00026	-.00009	-.02450	.02366	-.02435	.02289	-.02228	.02122	.00193

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (FGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.008	-4.849	.11296	.31928	.13723	.28750	.10992	.21719	.06031	.18321	.04071
2.009	-2.920	.11111	.27535	.16708	.24561	.13434	.17760	.08371	.14613	.06125
2.009	-1.892	.11021	.25421	.18452	.22479	.14994	.15859	.09721	.12830	.07280
2.009	-.021	.10984	.21605	.21771	.18761	.17972	.12565	.12222	.09680	.09711
2.009	1.021	.10914	.19778	.24224	.17098	.19778	.10782	.13940	.08013	.11171
2.009	1.990	.10929	.18122	.26899	.15378	.21496	.09342	.15446	.06642	.12543
2.009	3.002	.11020	.16267	.29020	.13717	.23450	.07829	.17173	.05196	.14061
	GRADIENT	-.00038	-.01977	.01968	-.01906	.01596	-.01761	.01419	-.01664	.01276

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (FGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.275	-4.893	.11367	.29232	.11000	.26112	.08680	.19769	.04415	.16388	.02344
2.275	-3.094	.11174	.26005	.13977	.22509	.11399	.16667	.06618	.13253	.04460
2.275	-1.888	.11093	.23656	.16130	.20231	.13208	.14407	.08259	.11320	.05886
2.275	-.983	.11079	.21966	.17767	.18518	.14641	.12842	.09596	.09907	.07102
2.276	.104	.11027	.19934	.20027	.16818	.16466	.11157	.11344	.08468	.08546
2.275	.998	.11058	.18299	.22206	.15339	.18170	.09821	.12708	.07203	.09864
2.276	2.006	.11056	.16537	.24769	.13771	.20049	.08358	.14284	.05851	.11399
2.276	3.017	.11036	.14832	.27034	.12188	.21938	.07085	.16170	.04569	.12949
	GRADIENT	-.00036	-.01836	.02045	-.01747	.01678	-.01616	.01489	-.01482	.01343

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-4.900	.11864	.29823	.10827	.26432	.09261	.20488	.05070	.17092	.03109
2.495	-2.932	.11741	.25445	.13723	.22495	.11981	.16842	.07491	.13628	.05228
2.495	-1.991	.11701	.23517	.15229	.20635	.13410	.15216	.08828	.12116	.06314
2.495	-1.165	.11684	.21921	.16637	.19149	.14694	.13834	.10064	.10845	.07382
2.495	.049	.11631	.19773	.18883	.16763	.16765	.11994	.11798	.09116	.08942
2.495	.966	.11697	.18215	.20678	.15486	.18344	.10600	.13328	.07962	.10471
2.495	2.029	.11714	.16386	.23443	.13642	.20171	.09032	.15194	.06466	.12085
2.495	3.092	.11707	.14714	.26078	.12087	.22282	.07705	.17012	.05170	.13854
	GRADIENT	-.00016	-.01871	.01902	-.01796	.01633	-.01595	.01504	-.01477	.01352

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.662	-4.885	.10361	.28355	.10145	.24930	.08674	.19332	.04847	.16008	.02973
2.662	-2.952	.10256	.24403	.12927	.21231	.11214	.16023	.07133	.12957	.05016
2.661	-1.940	.10219	.22405	.14299	.19415	.12687	.14323	.08556	.11340	.06242
2.662	-.999	.10182	.20689	.15903	.17680	.14144	.12904	.09811	.09953	.07450
2.662	.104	.10107	.18600	.17927	.15915	.15873	.11212	.11390	.08489	.08831
2.662	.978	.10147	.17192	.19838	.14546	.17242	.10006	.12710	.07222	.10205
2.662	1.982	.10155	.15576	.22334	.13055	.19098	.08632	.14260	.06077	.11657
2.662	3.092	.10158	.13978	.24557	.11495	.21316	.07235	.16037	.04867	.13333
	GRADIENT	-.00026	-.01807	.01827	-.01682	.01578	-.01515	.01410	-.01403	.01309

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (GGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.008	-4.849	.11296	.49492	.34644
2.009	-2.920	.11111	.44104	.40817
2.009	-1.892	.11021	.41432	.43572
2.009	-.959	.10980	.39020	.45615
2.009	.021	.10984	.36356	.47231
2.009	1.021	.10914	.33923	.48561
2.009	1.990	.10929	.31445	.49512
2.009	3.002	.11020	.29033	.50212
	GRADIENT	-.00038	-.02602	.01939

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.275	-4.893	.11367	.46617	.27678
2.275	-3.094	.11174	.41726	.32934
2.275	-1.888	.11093	.38602	.37654
2.275	-.983	.11079	.36317	.41518
2.276	.104	.11027	.33849	.45913
2.275	.998	.11058	.31701	.49127
2.276	2.006	.11056	.29427	.52080
2.276	3.017	.11036	.27118	.54416
	GRADIENT	-.00036	-.02450	.03547

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.495	-4.900	.11864	.45397	.27070
2.495	-2.932	.11741	.40072	.30960
2.495	-1.991	.11701	.37538	.33359
2.495	-1.165	.11684	.35472	.35672
2.495	.049	.11631	.32454	.40101
2.495	.966	.11697	.30347	.43507
2.495	2.029	.11714	.27999	.48197
2.495	3.092	.11707	.25980	.52598
	GRADIENT	-.00016	-.02440	.03265

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (GGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP43	CP44
2.662	-4.885	.10361	.43724	.26041
2.662	-2.952	.10256	.38683	.30013
2.661	-1.940	.10219	.35989	.32078
2.662	-.999	.10182	.33581	.34278
2.662	.104	.10107	.31047	.37196
2.662	.978	.10147	.29285	.39740
2.662	1.982	.10155	.27232	.43588
2.662	3.092	.10158	.25382	.48435
	GRADIENT	-.00026	-.02317	.02745

0A234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.875	-.00033	497.88623	2.38681	176.31038	1397.95044	1.65875	561.66602	.00000
2.009	-1.849	-.00073	497.68701	2.38681	176.24297	1397.37500	1.65874	561.77588	.00000
2.009	.102	-.00154	497.54858	2.38681	176.18155	1397.04248	1.65875	560.62158	.00000
2.008	2.137	-.00152	497.59961	2.38681	176.21892	1397.10181	1.65873	562.27051	.00000
2.008	4.140	-.00170	497.44434	2.38681	176.16797	1396.64575	1.65873	562.49023	.00000
2.008	6.135	-.00171	497.71753	2.38681	176.26599	1397.40698	1.65873	562.81982	.00000
2.008	8.150	-.00150	497.71851	2.38681	176.26636	1397.40991	1.65873	562.81982	.00000
2.008	10.153	-.00089	497.40601	2.38681	176.16185	1396.50415	1.65872	563.09448	.00000
2.008	12.087	-.00046	497.68066	2.38681	176.25914	1397.27539	1.65872	563.31421	.00000
2.008	14.150	.00026	497.61133	2.38681	176.23647	1397.07251	1.65872	563.42407	.00000
2.008	16.093	.00100	497.86548	2.38681	176.33000	1397.77051	1.65872	563.91821	.00000
2.008	18.144	.00048	497.65771	2.38681	176.25771	1397.18213	1.65872	563.86328	.00000
2.008	20.143	-.00117	497.65210	2.38681	176.25974	1397.14941	1.65871	564.19263	.00000
2.008	21.164	-.00119	497.66528	2.38681	176.26489	1397.18237	1.65871	564.24756	.00000
	GRADIENT	-.00019	-.05142	.00000	-.01617	-.15340	-.00000	.12878	.00000

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.934	.28602	502.30347	2.47705	138.58432	1667.72046	1.69673	569.07446	.00000
2.276	-1.790	.28624	502.64355	2.47705	138.67595	1668.86865	1.69673	569.12939	.00000
2.275	.018	.28628	502.46704	2.47705	138.63374	1668.22070	1.69673	569.62231	.00000
2.276	2.025	.28727	502.31299	2.47705	138.58522	1667.76953	1.69674	568.90991	.00000
2.276	4.036	.28775	502.45996	2.47705	138.62566	1668.25854	1.69673	569.01953	.00000
2.275	6.095	.28834	502.41626	2.47705	138.61671	1668.08154	1.69673	569.29370	.00000
2.275	8.082	.28875	502.22485	2.47705	138.56612	1667.42603	1.69672	569.34839	.00000
2.275	10.121	.28897	502.60962	2.47705	138.67239	1668.70386	1.69672	569.67725	.00000
2.275	12.107	.28994	502.26196	2.47705	138.57823	1667.53247	1.69673	569.56763	.00000
2.275	14.122	.29123	502.56323	2.47705	138.66344	1668.51343	1.69672	570.00610	.00000
2.275	16.145	.29175	503.03296	2.47705	138.78967	1670.10425	1.69673	570.06104	.00000
2.275	18.031	.29208	502.69238	2.47705	138.70363	1668.89771	1.69672	570.55371	.00000
2.275	20.119	.29012	502.52026	2.47705	138.65633	1668.32617	1.69672	570.44434	.00000
2.275	21.084	.28962	502.70752	2.47705	138.70479	1668.97754	1.69672	570.28003	.00000
	GRADIENT	.00026	-.00428	.00000	-.00139	-.01196	.00000	-.02347	.00000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.000	-.17936	499.76489	2.56351	114.66887	1944.75000	1.70693	571.64893	.00000
2.495	-1.927	-.17929	500.06494	2.56351	114.73561	1945.95190	1.70590	571.59448	.00000
2.495	.020	-.17982	499.88770	2.56351	114.69707	1945.22632	1.70651	571.75854	.00000
2.495	2.007	-.17991	500.33154	2.56351	114.79762	1946.97388	1.70499	571.92285	.00000
2.495	4.022	-.17981	500.13428	2.56351	114.75391	1946.18506	1.70567	571.97778	.00000
2.495	6.029	-.18021	499.97998	2.56351	114.72163	1945.52930	1.70619	572.30615	.00000
2.495	8.020	-.18039	500.41504	2.56351	114.81862	1947.27026	1.70471	572.25122	.00000
2.495	10.026	-.18063	500.12744	2.56351	114.75621	1946.09473	1.70569	572.52515	.00000
2.495	11.997	-.17989	500.04248	2.56351	114.73882	1945.72778	1.70598	572.74390	.00000
2.495	14.052	-.17976	499.94067	2.56351	114.71597	1945.32471	1.70633	572.74414	.00000
2.495	16.047	-.17968	500.22437	2.56351	114.78108	1946.42896	1.70536	572.96289	.00000
2.495	17.986	-.17996	500.17651	2.56351	114.77351	1946.18677	1.70552	573.40088	.00000
2.495	20.017	-.18086	500.11865	2.56351	114.75859	1945.98975	1.70572	573.12695	.00000
	GRADIENT	-.00008	.05333	.00000	.01234	.20003	-.00018	.05607	.00000

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.663	-3.096	-.11857	434.04224	2.33721	87.42940	1923.18823	1.73393	569.23853	.00000
2.663	-2.119	-.11835	434.02197	2.33721	87.43179	1922.94971	1.73392	569.45776	.00000
2.663	-.088	-.11834	433.85937	2.33721	87.40903	1921.99609	1.73391	569.67700	.00000
2.663	1.899	-.11805	434.10254	2.33721	87.44902	1923.28271	1.73392	569.56763	.00000
2.663	3.930	-.11784	434.09058	2.33721	87.45432	1923.05225	1.73392	569.84131	.00000
2.663	5.897	-.11778	433.93677	2.33721	87.42419	1922.34961	1.73392	569.73193	.00000
2.663	7.915	-.11769	434.02881	2.33721	87.44051	1922.80933	1.73391	569.73193	.00000
2.663	9.950	-.11763	433.97632	2.33721	87.44017	1922.33984	1.73390	570.06055	.00000
2.663	11.925	-.11753	433.92065	2.33721	87.42435	1922.19922	1.73391	569.84155	.00000
2.663	13.924	-.11659	433.91187	2.33721	87.42728	1922.05444	1.73390	570.00586	.00000
2.663	15.923	-.11644	434.14600	2.33721	87.46709	1923.25781	1.73391	569.95117	.00000
2.663	17.906	-.11644	433.89624	2.33721	87.42896	1921.87305	1.73390	570.17017	.00000
2.663	19.912	-.11720	433.80640	2.33721	87.40868	1921.52271	1.73390	570.00586	.00000
2.663	20.906	-.11772	433.88159	2.33721	87.42189	1921.90137	1.73391	570.00586	.00000
	GRADIENT	.00010	.01129	.00000	.00399	.01240	-.00000	.07025	.00000

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (DGY004) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.009	-2.875	-.00033	1.64052	.21286	.41075	.42522	.43187	.43497	.45547	.46926	.59065
2.009	-1.849	-.00073	1.64641	.23447	.41755	.43332	.43349	.43702	.45407	.46785	.56290
2.009	.102	-.00154	1.65415	.27801	.43025	.44548	.43649	.43804	.44937	.46172	.50814
2.008	2.137	-.00152	1.65290	.32352	.43683	.45561	.43537	.44029	.44134	.45625	.45284
2.008	4.140	-.00170	1.64963	.36989	.44486	.46277	.43605	.43966	.43423	.44997	.40115
2.008	6.135	-.00171	1.63687	.42105	.45167	.47249	.43758	.44215	.42797	.44715	.35433
2.008	8.150	-.00150	1.62094	.47380	.46034	.48224	.44075	.44607	.42517	.44510	.31459
2.008	10.153	-.00089	1.60512	.52843	.46611	.49277	.44316	.45053	.42054	.44490	.27095
2.008	12.087	-.00046	1.58392	.58507	.46867	.49975	.44250	.45267	.41374	.44119	.23291
2.008	14.150	.00026	1.55347	.64723	.47075	.50119	.44165	.45129	.40737	.43512	.19389
2.008	16.093	.00100	1.50316	.69558	.46170	.47743	.42929	.42625	.39189	.40711	.14182
2.008	18.144	.00048	1.46034	.75957	.45883	.47629	.42508	.42337	.38511	.40289	.11034
2.008	20.143	-.00117	1.41664	.82408	.45588	.47627	.42234	.42127	.37988	.39841	.08304
2.008	21.164	-.00119	1.39723	.85880	.45330	.47456	.41974	.41782	.37687	.39450	.07136
	GRADIENT	-.00019	.00125	.02240	.00480	.00535	.00054	.00068	-.00310	-.00281	-.02713

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (DGY004) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.276	-2.934	.28602	1.67071	.20093	.38399	.40790	.40179	.41613	.42546	.44708	.56139
2.276	-1.790	.28624	1.67246	.22219	.39058	.41508	.40385	.41799	.42321	.44523	.53064
2.275	.018	.28628	1.66981	.25870	.40017	.42902	.40583	.42373	.41747	.44462	.47941
2.276	2.025	.28727	1.66339	.29901	.40887	.44124	.40690	.42815	.41127	.44313	.42858
2.276	4.036	.28775	1.65907	.34505	.41778	.45433	.41018	.43234	.40767	.44166	.37794
2.275	6.095	.28834	1.64510	.39380	.42687	.46223	.41364	.43287	.40314	.43606	.33089
2.275	8.082	.28875	1.62814	.44509	.43215	.46836	.41274	.43343	.39728	.43042	.28860
2.275	10.121	.28897	1.60410	.49917	.43547	.47284	.41128	.43119	.38943	.42291	.24581
2.275	12.107	.28994	1.58069	.55510	.43896	.47455	.41114	.42782	.38337	.41502	.20800
2.275	14.122	.29123	1.55116	.61406	.43839	.47320	.40688	.42169	.37565	.40516	.17035
2.275	16.145	.29175	1.51838	.67683	.43682	.47008	.40275	.41586	.36788	.39499	.13562
2.275	18.031	.29208	1.48280	.73434	.42994	.46347	.39604	.40809	.35822	.38484	.10536
2.275	20.119	.29012	1.44028	.79932	.42130	.45579	.38786	.39860	.34837	37449	.07271
	21.084	.28962	1.41767	.83089	.41724	.45052	.38430	.39326	.34399	.36964	.05809
	GRADIENT	.00026	-.00189	.02061	.00481	.00669	.00111	.00240	-.00268	-.00072	-.02637

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-3.000	-.17936	1.70896	.21065	.40322	.40689	.42080	.41613	.44302	.44551	.56513
2.495	-1.927	-.17929	1.71304	.23077	.40943	.41274	.42256	.41675	.44027	.44293	.53557
2.495	.020	-.17982	1.71319	.26697	.41816	.42397	.42406	.41816	.43558	.43837	.48619
2.495	2.007	-.17991	1.71108	.31022	.42694	.43246	.42554	.41876	.42859	.43333	.43339
2.495	4.022	-.17981	1.70505	.35531	.43521	.44091	.42584	.41971	.42329	.42814	.38571
2.495	6.029	-.18021	1.69405	.40324	.44132	.44985	.42665	.42066	.41759	.42188	.33931
2.495	8.020	-.18039	1.67811	.45426	.44566	.45307	.42610	.41812	.40880	.41527	.29377
2.495	10.026	-.18063	1.65812	.50505	.44861	.45748	.42403	.41676	.40201	.40886	.25496
2.495	11.997	-.17989	1.63410	.55966	.45184	.45804	.42192	.41267	.39439	.40067	.21294
2.495	14.052	-.17976	1.60089	.61787	.45144	.45859	.41735	.40883	.38634	.39176	.17730
2.495	16.047	-.17968	1.56479	.67690	.44876	.45746	.41413	.40357	.37922	.38378	.14322
2.495	17.986	-.17996	1.52692	.73802	.44427	.45486	.40875	.39909	.37146	.37711	.11127
2.495	20.017	-.18086	1.47705	.80039	.43827	.45008	.40226	.39222	.36150	.36801	.07932
	GRADIENT	-.00008	-.00063	.02057	.00451	.00486	.00083	.00051	-.00285	-.00247	-.02560

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (DGY004) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.663	-3.096	-.11857	1.70700	.20484	.39099	.39840	.40909	.40785	.43011	.43609	.55267
2.663	-2.119	-.11835	1.70993	.22164	.39566	.40406	.40987	.40856	.42685	.43338	.52659
2.663	-.088	-.11834	1.71630	.25767	.40653	.41393	.41233	.41050	.42334	.43034	.47150
2.663	1.899	-.11805	1.70888	.30129	.41558	.42580	.41389	.41211	.41738	.42539	.42054
2.663	3.930	-.11784	1.70771	.34240	.42065	.43143	.41293	.41073	.40953	.41893	.37205
2.663	5.897	-.11778	1.69395	.39052	.42805	.43890	.41303	.41119	.40322	.41253	.32885
2.663	7.915	-.11769	1.67534	.43831	.43194	.44321	.41181	.40863	.39515	.40531	.28415
2.663	9.950	-.11763	1.65722	.49290	.43453	.44671	.40992	.40676	.38826	.39791	.24457
2.663	11.925	-.11753	1.62966	.54704	.43699	.44924	.40703	.40425	.38036	.39102	.20632
2.663	13.924	-.11659	1.59686	.60282	.43596	.44962	.40342	.39926	.37284	.38291	.17111
2.663	15.923	-.11644	1.56445	.66422	.43550	.44775	.40047	.39434	.36602	.37496	.13847
2.663	17.906	-.11644	1.52384	.71883	.43017	.44251	.39458	.38701	.35726	.36455	.10872
2.663	19.912	-.11720	1.48247	.78264	.42375	.43559	.38760	.37762	.34838	.35458	.07953
2.663	20.906	-.11772	1.45566	.80902	.41922	.43298	.38253	.37309	.34280	.35001	.06556
	GRADIENT	.00010	-.00007	.01970	.00436	.00493	.00070	.00050	-.00280	-.00235	-.02582

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (EGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.009	-2.875	-.00033	.11736	.37985	.37400	.36751	.35781	.34180	.32643	.64090
2.009	-1.849	-.00073	.13634	.38231	.37692	.36738	.35984	.34121	.32715	.60885
2.009	.102	-.00154	.17381	.38322	.37687	.36491	.35729	.33725	.32251	.55617
2.008	2.137	-.00152	.21328	.37434	.37054	.35724	.35273	.33179	.31831	.50144
2.008	4.140	-.00170	.25313	.35986	.36161	.35356	.35121	.32677	.31591	.44937
2.008	6.135	-.00171	.29699	.34758	.35316	.35606	.35622	.32747	.31799	.40290
2.008	8.150	-.00150	.34546	.33483	.34372	.35740	.36206	.32891	.32454	.35990
2.008	10.153	-.00089	.39015	.32323	.33299	.35230	.36259	.32994	.33023	.30896
2.008	12.087	-.00046	.44858	.31651	.32760	.34192	.35583	.32978	.33326	.26163
2.008	14.150	.00026	.50688	.31399	.32412	.32712	.34209	.33021	.33448	.21545
2.008	16.093	.00100	.55230	.30636	.30396	.30521	.31414	.31615	.31818	.15305
2.008	18.144	.00048	.61677	.29049	.29318	.28760	.29611	.30364	.31138	.11901
2.008	20.143	-.00117	.68135	.26018	.30045	.26728	.28265	.28564	.29843	.09126
2.008	21.164	-.00119	.71652	.25587	.30046	.25734	.27618	.27519	.28805	.07528
	GRADIENT	-.00019	.01936	-.00281	-.00184	-.00216	-.00118	-.00222	-.00169	-.02716

0A234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (EGY004) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.276	-2.934	.28602	.10834	.34539	.35474	.33472	.34068	.31156	.31372	.60492
2.276	-1.790	.28624	.12711	.34578	.35771	.33020	.34107	.30982	.31478	.57340
2.275	.018	.28628	.15760	.34645	.36227	.32908	.34260	.30791	.31538	.51846
2.276	2.025	.28727	.19229	.34535	.36160	.32747	.34235	.30592	.31377	.46264
2.276	4.036	.28775	.23322	.34220	.35972	.32440	.34134	.30404	.31154	.40767
2.275	6.095	.28834	.27597	.33550	.35454	.32361	.34064	.29972	.30733	.35476
2.275	8.082	.28875	.32251	.32792	.34713	.32674	.34162	.29660	.30403	.30438
2.275	10.121	.28897	.36945	.31543	.33538	.32672	.34152	.29266	.30018	.25599
2.275	12.107	.28994	.42192	.30034	.32182	.32326	.33928	.28814	.29755	.20747
2.275	14.122	.29123	.47627	.28497	.30076	.31593	.33116	.28350	.29452	.16608
2.275	16.145	.29175	.53321	.27724	.28290	.30547	.31956	.28075	.29220	.12806
2.275	18.031	.29208	.58684	.27394	.26577	.29119	.30389	.27785	.28948	.09561
2.275	20.119	.29012	.65015	.26665	.26963	.27183	.28419	.27136	.28596	.06303
2.275	21.084	.28962	.68093	.25117	.26264	.26055	.27341	.26782	.28281	.05402
	GRADIENT	.00026	.01779	-.00041	.00071	-.00128	.00013	-.00106	-.00034	-.02844

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-3.000	-.17936	.12019	.36301	.35094	.35284	.33634	.32924	.31150	.60523
2.495	-1.927	-.17929	.13690	.36199	.34971	.34744	.33274	.32671	.30999	.57321
2.495	.020	-.17982	.16832	.35988	.34771	.34109	.32633	.32211	.30579	.51603
2.495	2.007	-.17991	.20388	.35637	.34665	.33659	.32456	.31890	.30175	.45783
2.495	4.022	-.17981	.24204	.35192	.34273	.33148	.32269	.31280	.29748	.40050
2.495	6.029	-.18021	.28436	.34748	.34121	.33027	.32383	.30780	.29455	.34404
2.495	8.020	-.18039	.32684	.34132	.33681	.33077	.32370	.30428	.28904	.29148
2.495	10.026	-.18063	.37374	.33408	.33253	.33242	.32634	.29868	.28853	.24595
2.495	11.997	-.17989	.42105	.32215	.32260	.33260	.32559	.29396	.28482	.19962
2.495	14.052	-.17976	.47542	.30723	.30977	.33094	.32486	.29024	.28446	.16149
2.495	16.047	-.17968	.53196	.28638	.29139	.32303	.31904	.28705	.28221	.12609
2.495	17.986	-.17996	.58627	.27045	.26824	.31304	.31171	.28517	.28164	.09512
2.495	20.017	-.18086	.64823	.26133	.25778	.29796	.29873	.28079	.27902	.06962
	GRADIENT	-.00008	.01733	-.00156	-.00109	-.00294	-.00193	-.00226	-.00203	-.02918

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (EGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.663	-3.096	-.11857	.11509	.35183	.34455	.34288	.33102	.31803	.30519	.58373
2.663	-2.119	-.11835	.12889	.35006	.34233	.33764	.32628	.31530	.30392	.55618
2.663	-.088	-.11834	.16145	.34804	.33829	.33016	.31733	.31126	.29843	.49222
2.663	1.899	-.11805	.19510	.34407	.33834	.32432	.31584	.30680	.29506	.43224
2.663	3.930	-.11784	.23325	.33681	.33389	.31600	.31304	.29986	.29022	.37397
2.663	5.897	-.11778	.27086	.33435	.33146	.31546	.31205	.29540	.28669	.31899
2.663	7.915	-.11769	.31676	.33026	.32927	.31540	.31342	.28973	.28217	.26983
2.663	9.950	-.11763	.35939	.32485	.32436	.31599	.31396	.28481	.27730	.22530
2.663	11.925	-.11753	.41203	.31744	.31843	.31694	.31496	.28036	.27477	.18367
2.663	13.924	-.11659	.46343	.30597	.30884	.31643	.31291	.27580	.27130	.14997
2.663	15.923	-.11644	.51694	.29173	.29439	.31451	.30857	.27386	.26938	.11989
2.663	17.906	-.11644	.57156	.27451	.27593	.30565	.30126	.26942	.26597	.08969
2.663	19.912	-.11720	.62997	.26712	.25995	.29528	.29140	.26596	.26305	.05758
2.663	20.906	-.11772	.65937	.26651	.25437	.28976	.28484	.26438	.26148	.04609
	GRADIENT	.00010	.01680	-.00202	-.00138	-.00369	-.00250	-.00249	-.00216	-.03008

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (FGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.009	-2.875	-.00033	.18419	.18804	.17842	.17252	.12280	.12239	.09772	.10551
2.009	-1.849	-.00073	.19697	.20513	.17953	.17621	.12518	.12650	.09706	.10789
2.009	.102	-.00154	.21306	.21941	.18733	.18537	.12957	.13385	.09963	.11010
2.008	2.137	-.00152	.21277	.23086	.19061	.19245	.13320	.13753	.09986	.11028
2.008	4.140	-.00170	.21381	.22974	.19557	.20126	.13377	.14113	.09955	.10868
2.008	6.135	-.00171	.22110	.24127	.19850	.20596	.13416	.14060	.10122	.10865
2.008	8.150	-.00150	.22680	.25142	.19734	.20648	.13469	.13951	.10443	.11523
2.008	10.153	-.00089	.22941	.25189	.20002	.21124	.13942	.14510	.10399	.10870
2.008	12.087	-.00046	.23075	.25342	.21301	.22166	.13342	.13246	.10178	.10920
2.008	14.150	.00026	.23282	.25478	.20296	.20989	.13549	.13680	.10261	.10911
2.008	16.093	.00100	.22654	.24892	.20114	.20925	.12669	.12585	.09166	.09903
2.008	18.144	.00048	.22707	.24557	.20123	.20718	.12374	.12290	.09042	.09651
2.008	20.143	-.00117	.22620	.23944	.19410	.20327	.12412	.12366	.09113	.09601
2.008	21.164	-.00119	.22534	.23772	.19324	.20284	.12542	.12583	.09376	.09731
	GRADIENT	-.00019	.00396	.00584	.00252	.00409	.00164	.00265	.00036	.00044

0A234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (FGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.276	-2.934	.28602	.13764	.15703	.15767	.16763	.10380	.11551	.07587	.08966
2.276	-1.790	.28624	.14562	.17255	.15954	.16875	.10409	.11653	.07607	.08867
2.275	.018	.28628	.16936	.19930	.16106	.17022	.10470	.11633	.07587	.08886
2.276	2.025	.28727	.18269	.21653	.15986	.17241	.10644	.11555	.07635	.08931
2.276	4.036	.28775	.18819	.21512	.16018	.17320	.10724	.11587	.07712	.08796
2.275	6.095	.28834	.19251	.21693	.16232	.17494	.10853	.11507	.07926	.08968
2.275	8.082	.28875	.19606	.22005	.16561	.17849	.10865	.11562	.08164	.08895
2.275	10.121	.28897	.19573	.21964	.16612	.17903	.10797	.11489	.08353	.08828
2.275	12.107	.28994	.19857	.22117	.16973	.18100	.10774	.11420	.08624	.08674
2.275	14.122	.29123	.19861	.22081	.16989	.18320	.10955	.11348	.08643	.08558
2.275	16.145	.29175	.19851	.21996	.16852	.18097	.11209	.11224	.08512	.08386
2.275	18.031	.29208	.19784	.21920	.16902	.18114	.11563	.11186	.08558	.08352
2.275	20.119	.29012	.19732	.21788	.17114	.17976	.12067	.11479	.08465	.08170
2.275	21.084	.28962	.19763	.21781	.17194	.17751	.12015	.11730	.08461	.08077
	GRADIENT	.00026	.00769	.00881	.00027	.00083	.00053	-.00003	.00016	-.00015

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-3.000	-.17936	.14747	.15143	.16499	.15608	.11346	.11144	.08711	.09021
2.495	-1.927	-.17929	.14470	.15472	.16603	.15675	.11370	.11215	.08731	.09003
2.495	.020	-.17982	.16544	.17067	.16484	.15984	.11421	.11392	.08654	.09096
2.495	2.007	-.17991	.18345	.19518	.16522	.16323	.11677	.11439	.08568	.08967
2.495	4.022	-.17981	.19203	.20105	.16602	.16621	.11715	.11596	.08558	.09003
2.495	6.029	-.18021	.19944	.20600	.16836	.17017	.11681	.11571	.08529	.09056
2.495	8.020	-.18039	.20170	.20898	.17275	.17330	.11522	.11490	.08408	.08984
2.495	10.026	-.18063	.20333	.21156	.17404	.17579	.11469	.11443	.08228	.08974
2.495	11.997	-.17989	.20648	.21424	.17453	.17721	.11265	.11494	.07973	.08726
2.495	14.052	-.17976	.20786	.21652	.17557	.17902	.11361	.11593	.07989	.08779
2.495	16.047	-.17968	.20819	.21590	.17326	.17592	.11266	.11492	.07803	.08555
2.495	17.986	-.17996	.20850	.21716	.17227	.17623	.11299	.11617	.07664	.08374
2.495	20.017	-.18086	.20844	.21705	.17002	.17530	.11375	.11776	.07478	.08234
	GRADIENT	-.00008	.00721	.00782	.00006	.00150	.00059	.00062	-.00027	-.00004

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (FGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.663	-3.096	-.11857	.14601	.14824	.15521	.14997	.10633	.10515	.08299	.08303
2.663	-2.119	-.11835	.13978	.14598	.15497	.15069	.10705	.10537	.08273	.08324
2.663	-.088	-.11834	.14272	.15288	.15443	.15115	.10751	.10583	.08320	.08322
2.663	1.899	-.11805	.16512	.17816	.15399	.15322	.11057	.10587	.08627	.08379
2.663	3.930	-.11784	.17764	.18871	.15457	.15383	.11217	.10601	.08838	.08589
2.663	5.897	-.11778	.18601	.19513	.15909	.15724	.11409	.10745	.08935	.08632
2.663	7.915	-.11769	.19042	.19752	.16299	.16017	.11554	.10689	.08877	.08479
2.663	9.950	-.11763	.19199	.19955	.16608	.16273	.11611	.10843	.08734	.08338
2.663	11.925	-.11753	.19590	.20101	.16858	.16366	.11554	.10937	.08479	.08230
2.663	13.924	-.11659	.19839	.20296	.17057	.16566	.11755	.11086	.08430	.08234
2.663	15.923	-.11644	.19996	.20209	.17116	.16525	.11765	.11098	.08390	.08195
2.663	17.906	-.11644	.20247	.20464	.17268	.16676	.11864	.11149	.08288	.08044
2.663	19.912	-.11720	.20650	.20817	.17275	.16732	.12070	.11355	.08247	.07953
2.663	20.906	-.11772	.20791	.20805	.17267	.16873	.12111	.11592	.08188	.07945
	GRADIENT	.00010	.00513	.00643	-.00012	.00057	.00085	.00012	.00082	.00036

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (GGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.009	-2.875	-.00033	.49118	.46584
2.009	-1.849	-.00073	.50061	.47741
2.009	.102	-.00154	.51809	.49693
2.008	2.137	-.00152	.53070	.51052
2.008	4.140	-.00170	.54136	.52289
2.008	6.135	-.00171	.55161	.53475
2.008	8.150	-.00150	.56459	.54926
2.008	10.153	-.00089	.57431	.56329
2.008	12.087	-.00046	.58290	.57454
2.008	14.150	.00026	.59061	.58293
2.008	16.093	.00100	.58882	.57423
2.008	18.144	.00048	.61236	.58046
2.008	20.143	-.00117	.59563	.58565
2.008	21.164	-.00119	.58006	.58826
	GRADIENT	-.00019	.00718	.00809

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (GGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.276	-2.934	.28602	.39556	.38606
2.276	-1.790	.28624	.41328	.40481
2.275	.018	.28628	.43700	.43630
2.276	2.025	.28727	.46542	.46136
2.276	4.036	.28775	.48889	.48386
2.275	6.095	.28834	.50829	.50291
2.275	8.082	.28875	.52428	.51718
2.275	10.121	.28897	.53610	.52803
2.275	12.107	.28994	.54396	.53706
2.275	14.122	.29123	.55102	.54637
2.275	16.145	.29175	.55664	.55349
2.275	18.031	.29208	.55457	.55205
2.275	20.119	.29012	.55065	.55595
2.275	21.084	.28962	.54996	.55537
	GRADIENT	.00026	.01341	.01410

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-3.000	-.17936	.37609	.34968
2.495	-1.927	-.17929	.38834	.35898
2.495	.020	-.17982	.41558	.37622
2.495	2.007	-.17991	.43942	.39549
2.495	4.022	-.17981	.45975	.41383
2.495	6.029	-.18021	.47704	.43307
2.495	8.020	-.18039	.49342	.44318
2.495	10.026	-.18063	.50542	.45490
2.495	11.997	-.17989	.51771	.46664
2.495	14.052	-.17976	.52590	.47536
2.495	16.047	-.17968	.53096	.48540
2.495	17.986	-.17996	.53291	.49270
2.495	20.017	-.18086	.53254	.49954
	GRADIENT	-.00008	.01213	.00918

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (GGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.663	-3.096	-.11857	.35032	.33944
2.663	-2.119	-.11835	.35847	.34560
2.663	-.088	-.11834	.37480	.35944
2.663	1.899	-.11805	.39376	.37726
2.663	3.930	-.11784	.40528	.38932
2.663	5.897	-.11778	.42458	.40322
2.663	7.915	-.11769	.43740	.41645
2.663	9.950	-.11763	.45041	.42788
2.663	11.925	-.11753	.46180	.43785
2.663	13.924	-.11659	.46969	.44665
2.663	15.923	-.11644	.47666	.45617
2.663	17.906	-.11644	.47879	.46184
2.663	19.912	-.11720	.48029	.46532
2.663	20.906	-.11772	.48023	.46568
	GRADIENT	.00010	.00802	.00729

OA234 LERC 10SWT 42 LHFN.1S FHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.847	-.00057	498.22363	2.44451	176.31262	1399.41992	1.65886	551.91968	.00000
2.009	-1.840	-.00102	498.33105	2.44451	176.35669	1399.69482	1.65885	552.52661	.00000
2.009	.168	-.00135	498.32959	2.44451	176.36185	1399.66626	1.65885	553.02295	.00000
2.009	2.120	-.00107	498.26196	2.44451	176.33975	1399.46704	1.65884	553.13330	.00000
2.009	4.071	-.00088	498.31665	2.44451	176.36243	1399.60669	1.65884	553.46411	.00000
2.009	6.094	-.00079	498.17236	2.44451	176.31978	1399.16431	1.65883	554.07056	.00000
2.009	8.044	-.00052	498.19946	2.44451	176.33034	1399.23486	1.65883	554.18066	.00000
2.009	10.069	-.00016	498.21021	2.44451	176.33852	1399.24609	1.65882	554.56665	.00000
2.009	12.083	.00016	498.24268	2.44451	176.35417	1399.31812	1.65882	554.95239	.00000
2.009	14.038	.00067	498.53198	2.44451	176.45657	1400.13062	1.65882	555.17285	.00000
2.009	16.081	.00108	498.34570	2.44451	176.39487	1399.58936	1.65882	555.39307	.00000
2.009	18.157	.00054	498.44531	2.44451	176.43375	1399.85083	1.65881	555.77881	.00000
2.009	20.133	-.00119	498.28882	2.44451	176.38124	1399.40112	1.65881	555.88892	.00000
2.009	21.181	-.00104	498.22119	2.44451	176.36166	1399.19092	1.65881	556.21948	.00000
	GRADIENT	-.00003	.00514	-.00000	.00408	.00447	-.00000	.20090	.00000

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.875	.28547	501.76440	2.49529	138.40048	1666.26123	1.69677	565.18091	.00000
2.276	-1.900	.28576	502.46460	2.49529	138.58965	1668.62476	1.69677	565.34546	.00000
2.276	-.037	.28594	502.31958	2.49529	138.55260	1668.11401	1.69677	565.31001	.00000
2.276	1.989	.28685	502.54687	2.49529	138.61443	1668.87524	1.69677	565.61987	.00000
2.276	3.988	.28754	502.61377	2.49529	138.63629	1669.06787	1.69676	566.00391	.00000
2.276	5.906	.28792	502.73950	2.49529	138.66998	1669.49268	1.69677	566.00391	.00000
2.276	9.901	.28905	502.56543	2.49529	138.63116	1668.82764	1.69675	566.77173	.00000
2.276	11.941	.29009	502.65015	2.49529	138.65491	1669.10742	1.69675	566.88135	.00000
2.276	13.949	.29139	502.75635	2.49529	138.68730	1669.42920	1.69675	567.26538	.00000
2.276	15.980	.29170	502.66284	2.49529	138.66223	1669.11426	1.69675	567.26538	.00000
2.276	17.998	.28917	502.34058	2.49529	138.58206	1667.96021	1.69674	567.86865	.00000
2.276	20.031	.29003	502.52832	2.49529	138.63129	1668.60889	1.69675	567.75903	.00000
2.276	21.095	.28959	502.61475	2.49529	138.65813	1668.86719	1.69674	568.14282	.00000
	GRADIENT	.00030	.09280	.00000	.02595	.30470	-.00000	.10873	.00000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.496	-2.989	-.17974	499.37012	2.58967	114.54590	1943.73242	1.70695	566.77148	.00000
2.496	-2.002	-.17969	499.43774	2.58967	114.56419	1943.95190	1.70672	567.21021	.00000
2.496	-.146	-.17990	500.31079	2.58967	114.75952	1947.42920	1.70374	567.21045	.00000
2.496	1.888	-.18031	499.90137	2.58967	114.66904	1945.77979	1.70514	567.37476	.00000
2.496	3.878	-.18020	499.93311	2.58967	114.67729	1945.88843	1.70503	567.53931	.00000
2.496	5.848	-.18042	499.92407	2.58967	114.67918	1945.78931	1.70506	568.08765	.00000
2.496	7.838	-.18045	500.09106	2.58967	114.71725	1946.44214	1.70449	568.19751	.00000
2.496	9.847	-.18068	500.09204	2.58967	114.71780	1946.43921	1.70449	568.25195	.00000
2.495	11.363	-.17988	500.13062	2.58967	114.72885	1946.55493	1.70436	568.58081	.00000
2.495	13.871	-.17980	500.09839	2.58967	114.72713	1946.34180	1.70447	569.34814	.00000
2.495	15.918	-.17971	499.90015	2.58967	114.68002	1945.59521	1.70514	568.96460	.00000
2.495	17.920	-.18000	500.24268	2.58967	114.75662	1946.95972	1.70397	568.96460	.00000
2.495	19.994	-.18087	500.01440	2.58967	114.70439	1946.06641	1.70475	568.80029	.00000
2.495	21.013	-.18113	500.19922	2.58967	114.74535	1946.81201	1.70412	568.74536	.00000
	GRADIENT	-.00009	.08412	.00000	.01947	.32474	-.00029	.09183	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.664	-3.065	-.11922	433.39160	2.35381	87.22588	1921.98779	1.73402	566.00342	.00000
2.664	-2.030	-.11898	433.48047	2.35381	87.24307	1922.39429	1.73402	566.05811	.00000
2.664	-.104	-.11874	433.10449	2.35381	87.18132	1920.40723	1.73400	566.22290	.00000
2.664	1.882	-.11877	433.42017	2.35381	87.23401	1922.05713	1.73401	566.11304	.00000
2.664	3.846	-.11842	433.69214	2.35381	87.28636	1923.32056	1.73402	566.27783	.00000
2.664	5.800	-.11827	433.36621	2.35381	87.23351	1921.57690	1.73400	566.44238	.00000
2.664	7.782	-.11813	433.44043	2.35381	87.24507	1921.98560	1.73401	566.38745	.00000
2.664	9.771	-.11793	433.41211	2.35381	87.24159	1921.80640	1.73400	566.44238	.00000
2.664	11.804	-.11777	433.38965	2.35381	87.24066	1921.62646	1.73400	566.55200	.00000
2.664	13.848	-.11685	433.52222	2.35381	87.26555	1922.25342	1.73400	566.60669	.00000
2.664	15.834	-.11671	433.50244	2.35381	87.25903	1922.22339	1.73400	566.49707	.00000
2.664	17.860	-.11670	433.48853	2.35381	87.26109	1922.04883	1.73400	566.66162	.00000
2.664	19.918	-.11752	433.52222	2.35381	87.27159	1922.11328	1.73399	566.82642	.00000
2.664	20.924	-.11803	433.52686	2.35381	87.27393	1922.10425	1.73400	566.88110	.00000
	GRADIENT	.00010	.03286	.00000	.00671	.14372	-.00000	.03327	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (DGY005) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.009	-2.847	-.00057	1.64297	.21717	.41311	.42942	.43422	.43903	.45747	.47288	.58549
2.009	-1.840	-.00102	1.64939	.23827	.41846	.43519	.43482	.43876	.45460	.46956	.55755
2.009	.168	-.00135	1.65280	.28125	.42916	.44760	.43559	.44082	.44847	.46426	.50173
2.009	2.120	-.00107	1.65271	.32676	.43851	.45662	.43717	.44196	.44238	.45889	.44974
2.009	4.071	-.00088	1.64798	.37164	.44497	.46555	.43726	.44195	.43622	.45246	.39746
2.009	6.094	-.00079	1.63728	.42130	.45374	.47205	.43868	.44164	.42977	.44607	.34876
2.009	8.044	-.00052	1.61997	.47135	.45900	.47656	.43920	.44000	.42348	.43877	.30264
2.009	10.069	-.00016	1.59708	.52652	.46205	.48046	.43879	.43872	.41574	.43184	.25559
2.009	12.083	.00016	1.56993	.58424	.46273	.48264	.43666	.43595	.40716	.42407	.21353
2.009	14.038	.00067	1.53976	.63466	.46297	.48159	.43333	.43319	.39877	.41639	.17595
2.009	16.081	.00108	1.50300	.69382	.46110	.47842	.42959	.42741	.39127	.40917	.13858
2.009	18.137	.00054	1.46026	.75833	.45921	.47859	.42563	.42511	.38586	.40434	.10912
2.009	20.133	-.00119	1.41897	.82376	.45617	.47738	.42299	.42249	.38031	.39953	.08184
2.009	21.181	-.00104	1.39773	.85908	.45224	.47422	.41969	.41768	.37668	.39405	.06909
	GRADIENT	-.00003	.00064	.02236	.00469	.00525	.00047	.00051	-.00308	-.00289	-.02717

OA234 LERC 10SWT 42 LHFN.IS RHFN.2P/S (DGY005) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.276	-2.875	.28547	1.67206	.20161	.38478	.40846	.40224	.41694	.42602	.44759	.55719
2.276	-1.900	.28576	1.67496	.22015	.38929	.41327	.40358	.41670	.42311	.44496	.52890
2.276	-.037	.28594	1.67256	.25711	.40054	.42648	.40558	.42195	.41792	.44353	.47633
2.276	1.989	.28685	1.66765	.30020	.40814	.43988	.40634	.42655	.41165	.44255	.42269
2.276	3.988	.28754	1.65937	.34593	.41804	.45225	.40933	.43089	.40649	.43994	.37180
2.276	5.906	.28792	1.64687	.39183	.42558	.46029	.41209	.43157	.40255	.43537	.32710
2.276	9.901	.28905	1.60828	.49636	.43567	.47233	.41233	.43053	.39023	.42354	.24342
2.276	11.941	.29009	1.58155	.55354	.43801	.47306	.41003	.42645	.38280	.41434	.20462
2.276	13.949	.29139	1.55186	.61320	.43790	.47227	.40692	.42163	.37561	.40519	.16780
2.276	15.980	.29170	1.51831	.67472	.43580	.46861	.40211	.41481	.36725	.39478	.13262
2.276	17.998	.28917	1.48142	.73537	.43003	.46296	.39595	.40733	.35813	.38387	.10192
2.276	20.031	.29003	1.44222	.79806	.42198	.45515	.38862	.39842	.34866	.37481	.07034
2.276	21.095	.28959	1.41759	.83514	.41655	.44948	.38403	.39214	.34342	.36850	.05519
	GRADIENT	.00030	-.00196	.02099	.00483	.00650	.00096	.00217	-.00287	-.00098	-.02702

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.496	-2.989	-.17974	1.70945	.21001	.40273	.40617	.42031	.41522	.44274	.44548	.56217
2.496	-2.002	-.17969	1.71436	.22823	.40869	.41212	.42154	.41645	.44052	.44324	.53321
2.496	-.146	-.17990	1.71441	.26323	.41692	.42248	.42324	.41778	.43580	.43841	.48533
2.496	1.888	-.18031	1.71294	.30693	.42707	.43219	.42582	.41889	.43004	.43406	.43180
2.496	3.878	-.18020	1.70809	.35074	.43389	.44123	.42576	.42012	.42232	.42879	.38182
2.496	5.848	-.18042	1.69555	.40323	.44080	.44951	.42664	.42057	.41597	.42274	.33578
2.496	7.838	-.18045	1.67928	.45242	.44547	.45271	.42599	.41749	.40930	.41515	.29054
2.496	9.847	-.18068	1.65938	.50458	.44900	.45761	.42399	.41715	.40174	.40839	.25191
2.495	11.863	-.17988	1.63382	.55972	.45134	.45694	.42159	.41219	.39378	.39949	.20871
2.495	13.871	-.17980	1.60035	.61663	.45058	.45739	.41787	.40799	.38736	.39229	.17524
2.495	15.918	-.17971	1.56544	.67691	.44898	.45673	.41451	.40379	.38023	.38372	.14088
2.495	17.920	-.18000	1.52818	.73842	.44415	.45405	.40915	.39898	.37156	.37707	.10862
2.495	19.994	-.18097	1.47741	.80082	.43823	.44986	.40274	.39218	.36219	.36848	.07636
2.495	21.013	-.18113	1.45126	.82948	.43327	.44490	.39731	.38680	.35553	.36306	.06155
	GRADIENT	-.00009	-.00034	.02050	.00455	.00509	.00085	.00068	-.00293	-.00242	-.02617

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (DGY005) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.664	-3.065	-.11922	1.70814	.20450	.39169	.39855	.40902	.40857	.43028	.43606	.55153
2.664	-2.030	-.11898	1.71189	.22362	.39606	.40476	.40971	.40897	.42706	.43474	.52265
2.664	-.104	-.11874	1.71498	.26224	.40792	.41753	.41366	.41189	.42398	.43220	.46953
2.664	1.882	-.11877	1.71686	.29907	.41594	.42419	.41531	.41296	.41774	.42783	.41842
2.664	3.846	-.11842	1.70958	.34192	.42168	.43168	.41402	.41175	.41136	.42053	.37105
2.664	5.800	-.11827	1.69483	.39117	.42868	.43931	.41421	.41180	.40362	.41371	.32593
2.664	7.782	-.11813	1.68162	.44253	.43449	.44603	.41399	.41066	.39696	.40648	.28308
2.664	9.771	-.11793	1.65586	.49050	.43491	.44695	.41041	.40711	.38846	.39889	.24327
2.664	11.804	-.11777	1.63314	.54962	.43747	.45000	.40798	.40470	.38209	.39196	.20363
2.664	13.848	-.11685	1.59869	.60416	.43748	.44958	.40407	.40025	.37376	.38304	.16898
2.664	15.834	-.11671	1.56724	.66606	.43610	.44863	.40153	.39539	.36735	.37599	.13578
2.664	17.860	-.11670	1.52618	.71984	.43031	.44384	.39525	.38711	.35857	.36469	.10658
2.664	19.918	-.11752	1.48301	.78454	.42425	.43588	.38815	.37809	.34865	.35509	.07680
2.664	20.924	-.11803	1.45729	.80946	.41911	.43216	.38302	.37294	.34295	.34946	.06221
	GRADIENT	.00010	.00036	.01977	.00448	.00479	.00086	.00057	-.00267	-.00217	-.02618

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (EGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.009	-2.847	-.00057	.12220	.38109	.36250	.36732	.33665	.34206	.32758	.61371
2.009	-1.840	-.00102	.13985	.38126	.36268	.36490	.33640	.34051	.32603	.58578
2.009	.168	-.00135	.17677	.37901	.36345	.35832	.33802	.33518	.32247	.52872
2.009	2.120	-.00107	.21536	.37851	.36590	.35255	.34098	.33198	.31929	.47431
2.009	4.071	-.00088	.25464	.37928	.36599	.34910	.34477	.32685	.31541	.42069
2.009	6.094	-.00079	.29779	.37843	.36478	.34833	.34952	.32259	.31291	.36764
2.009	8.044	-.00052	.34444	.37473	.36227	.34411	.35402	.31791	.31214	.31994
2.009	10.069	-.00016	.39620	.37130	.35577	.34197	.35706	.31271	.31217	.27166
2.009	12.083	.00016	.44579	.36706	.34455	.34309	.35671	.30802	.31329	.22779
2.009	14.038	.00067	.50062	.36159	.32774	.34556	.35177	.30339	.31492	.18750
2.009	16.081	.00108	.55896	.35417	.30224	.34538	.34339	.30007	.31645	.14888
2.009	18.137	.00054	.62354	.34790	.27478	.34092	.33195	.29696	.31847	.11983
2.009	20.133	-.00119	.68772	.34493	.25514	.33354	.31344	.29256	.31454	.09523
2.009	21.181	-.00104	.72218	.34346	.25007	.32912	.30203	.28924	.30795	.08030
	GRADIENT	-.00003	.01916	-.00036	.00058	-.00274	.00120	-.00219	-.00175	-.02795

0A234 LERC 10SWT 42 LHFN.IS RHFN.2P/S (EGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.276	-2.875	.28547	.10936	.34677	.33829	.33075	.31337	.31192	.31274	.57813
2.276	-1.900	.28576	.12506	.34655	.34017	.32720	.31491	.30953	.31264	.54844
2.276	-.037	.28594	.15641	.34476	.34562	.32175	.31909	.30591	.31404	.49323
2.276	1.989	.28685	.19177	.34536	.35026	.31822	.32355	.30408	.31095	.43774
2.276	3.988	.28754	.23239	.34662	.35499	.31528	.32952	.30234	.30929	.38468
2.276	5.906	.28792	.27275	.34524	.35733	.31425	.33412	.29822	.30526	.33712
2.276	9.901	.28905	.36792	.33763	.35325	.30935	.33935	.28766	.29694	.24743
2.276	11.941	.29009	.42081	.33490	.34748	.30782	.33960	.28057	.29369	.20277
2.276	13.949	.29139	.47371	.33156	.33835	.30819	.33712	.27319	.28979	.16140
2.276	15.980	.29170	.53269	.32663	.32662	.30904	.33262	.26748	.28720	.12741
2.276	17.998	.28917	.58732	.31450	.30660	.30709	.32434	.26125	.28439	.09510
2.276	20.031	.29003	.64884	.30291	.28029	.30461	.31488	.25524	.28148	.06521
2.276	21.095	.28959	.68201	.29809	.26192	.30180	.30836	.25285	.27996	.04930
	GRADIENT	.00030	.01781	-.00006	.00247	-.00223	.00234	-.00137	-.00052	-.02818

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.496	-2.989	-.17974	.11991	.36314	.33086	.34499	.30635	.32869	.31095	.57788
2.496	-2.002	-.17969	.13512	.36179	.32993	.34148	.30544	.32602	.30874	.54766
2.496	-.145	-.17990	.16509	.36062	.33091	.33604	.30478	.32181	.30463	.49638
2.496	1.888	-.18031	.20223	.35740	.33471	.32849	.30798	.31865	.30138	.44122
2.496	3.878	-.18020	.24005	.35357	.33859	.32201	.31189	.31256	.29706	.38880
2.496	5.848	-.18042	.28389	.35277	.34163	.32200	.31667	.30820	.29360	.33644
2.496	7.838	-.18045	.32582	.34786	.34231	.31765	.32036	.30196	.28839	.28899
2.496	9.847	-.18068	.37326	.34458	.34117	.31689	.32353	.29604	.28677	.24446
2.495	11.863	-.17988	.42159	.34136	.33792	.31540	.32461	.28934	.28227	.19704
2.495	13.871	-.17980	.47334	.34139	.33331	.31635	.32593	.28384	.28064	.16015
2.495	15.918	-.17971	.53193	.33811	.32819	.31687	.32479	.27828	.27900	.12544
2.495	17.920	-.18000	.58667	.33204	.32634	.31724	.32216	.27384	.27767	.09453
2.495	19.994	-.18087	.64954	.31965	.30645	.31430	.31750	.26782	.27557	.06533
2.495	21.013	-.18113	.67783	.31127	.29235	.31193	.31256	.26370	.27407	.05140
	GRADIENT	-.00009	.01751	-.00135	.00120	-.00335	.00083	-.00224	-.00199	-.02743

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (EGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.664	-3.065	-.11922	.11514	.34996	.32285	.33263	.29989	.31733	.30533	.56119
2.664	-2.030	-.11898	.13049	.34974	.32307	.32954	.29819	.31555	.30323	.52820
2.664	-.104	-.11874	.16233	.34957	.32444	.32445	.29997	.31240	.30010	.47309
2.664	1.882	-.11877	.19525	.34336	.32614	.31565	.29973	.30709	.29529	.41873
2.664	3.846	-.11842	.23317	.33952	.32840	.30950	.30236	.30084	.29014	.36875
2.664	5.800	-.11827	.27241	.33720	.33156	.30805	.30598	.29547	.28621	.31539
2.664	7.782	-.11813	.31781	.33452	.33385	.30691	.31073	.29075	.28258	.26612
2.664	9.771	-.11793	.36282	.32848	.33326	.30334	.31262	.28364	.27802	.22341
2.664	11.804	-.11777	.41249	.32657	.33033	.30193	.31369	.27770	.27363	.18285
2.664	13.848	-.11685	.46463	.32469	.32443	.30248	.31280	.27080	.27022	.14879
2.664	15.834	-.11671	.51862	.32324	.31889	.30306	.31184	.26827	.26732	.11661
2.664	17.860	-.11670	.57391	.31792	.31157	.30071	.30851	.26143	.26348	.08648
2.664	19.918	-.11752	.63074	.30999	.30399	.29867	.30255	.25637	.26095	.05876
2.664	20.924	-.11803	.66016	.30479	.29383	.29799	.29835	.25372	.25877	.04616
	GRADIENT	.00010	.01701	-.00158	.00081	-.00341	.00039	-.00236	-.00217	-.02779

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (FGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.009	-2.847	-.00057	.21700	.17274	.18495	.17468	.12415	.12703	.10084	.10730
2.009	-1.840	-.00102	.21720	.19710	.18602	.17877	.12522	.12940	.10106	.10882
2.009	.168	-.00135	.21666	.21898	.18984	.18600	.12986	.13446	.10051	.11000
2.009	2.120	-.00107	.21477	.22708	.19315	.19404	.13445	.13909	.10121	.10853
2.009	4.071	-.00088	.21437	.23394	.19499	.19883	.13363	.13908	.10001	.10772
2.009	6.094	-.00079	.21658	.24040	.19722	.20406	.13279	.13948	.09915	.10644
2.009	8.044	-.00052	.22101	.24403	.19603	.20892	.13378	.13707	.09928	.10484
2.009	10.069	-.00016	.22493	.24880	.19867	.20981	.13165	.13366	.09800	.10315
2.009	12.083	.00016	.22606	.24892	.20186	.21094	.13063	.13167	.09644	.10299
2.009	14.038	.00067	.22471	.25044	.20332	.21047	.12891	.12844	.09400	.10086
2.009	16.081	.00108	.22276	.24893	.20129	.20593	.12434	.12689	.09151	.09800
2.009	18.137	.00054	.22221	.24614	.19949	.20365	.12293	.12371	.09014	.09617
2.009	20.133	-.00119	.21956	.24098	.19332	.20358	.12372	.12369	.09136	.09522
2.009	21.181	-.00104	.21897	.23861	.19085	.20212	.12567	.12602	.09279	.09630
	GRADIENT	-.00003	-.00044	.00828	.00153	.00356	.00158	.00188	-.00009	.00000

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (FGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.276	-2.875	.28547	.18495	.13350	.16221	.16823	.10563	.11638	.07729	.09019
2.276	-1.900	.28576	.18889	.14645	.16311	.16834	.10540	.11610	.07661	.08828
2.276	-.037	.28594	.19373	.18649	.16247	.16976	.10511	.11592	.07595	.08798
2.276	1.989	.28685	.19407	.21238	.16281	.17095	.10588	.11533	.07586	.08747
2.276	3.988	.28754	.19369	.21494	.16195	.17186	.10764	.11491	.07631	.08837
2.276	5.906	.28792	.19181	.21782	.16174	.17340	.10662	.11479	.07741	.08778
2.276	9.901	.28905	.19290	.21922	.16715	.17877	.10556	.11450	.08196	.08715
2.276	11.941	.29009	.19349	.22030	.16909	.17893	.10699	.11555	.08345	.08558
2.276	13.949	.29139	.19391	.21996	.17083	.17979	.10788	.11352	.08522	.08391
2.276	15.980	.29170	.19385	.22017	.16898	.17843	.10864	.11288	.08334	.08252
2.276	17.998	.28917	.19358	.21826	.16659	.17731	.11392	.11306	.08524	.08308
2.276	20.031	.29003	.19240	.21868	.16707	.17784	.12045	.11480	.08488	.08105
2.276	21.095	.28959	.19262	.21857	.16774	.17592	.12027	.11683	.08385	.08002
	GRADIENT	.00030	.00121	.01279	-.00006	.00056	.00027	-.00021	-.00014	-.00022

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.496	-2.989	-.17974	.19418	.13688	.16867	.15626	.11576	.11107	.08855	.08991
2.496	-2.002	-.17969	.19759	.13341	.16863	.15624	.11531	.11234	.08766	.08989
2.496	-.146	-.17990	.20182	.14330	.16727	.15880	.11492	.11368	.08685	.08954
2.496	1.888	-.18031	.20022	.18422	.16789	.16235	.11715	.11590	.08566	.08961
2.496	3.878	-.18020	.20025	.20061	.16836	.16497	.11678	.11599	.08530	.09010
2.496	5.848	-.18042	.20064	.20663	.17005	.17008	.11715	.11553	.08479	.09046
2.496	7.838	-.18045	.20190	.20909	.17255	.17263	.11454	.11587	.08341	.08915
2.496	9.847	-.18068	.20243	.21224	.17443	.17618	.11465	.11558	.08224	.08926
2.495	11.863	-.17988	.20226	.21379	.17558	.17645	.11236	.11673	.07994	.08698
2.495	13.871	-.17980	.20321	.21555	.17613	.17610	.11244	.11592	.07917	.08662
2.495	15.918	-.17971	.20499	.21566	.17489	.17487	.11162	.11599	.07746	.08580
2.495	17.920	-.18000	.20454	.21736	.17180	.17400	.11335	.11729	.07703	.08367
2.495	19.994	-.18087	.20501	.21868	.16791	.17489	.11422	.11859	.07442	.08238
2.495	21.013	-.18113	.20524	.21719	.16554	.17512	.11403	.11926	.07336	.08177
	GRADIENT	-.00009	.00077	.01042	-.00007	.00136	.00024	.00075	-.00047	.00001

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (FGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.664	-3.065	-.11922	.18373	.14326	.15883	.15246	.10928	.10510	.08450	.08447
2.664	-2.030	-.11898	.18807	.13613	.15860	.15183	.10815	.10491	.08480	.08283
2.664	-.104	-.11874	.19080	.13283	.15681	.15254	.10981	.10655	.08545	.08348
2.664	1.882	-.11877	.19004	.15200	.15660	.15280	.10961	.10540	.08679	.08479
2.664	3.846	-.11842	.18928	.18198	.15642	.15414	.11195	.10718	.08815	.08565
2.664	5.800	-.11827	.19091	.19546	.16154	.15815	.11447	.10776	.08973	.08618
2.664	7.782	-.11813	.19224	.19923	.16334	.16096	.11628	.10905	.08802	.08600
2.664	9.771	-.11793	.19313	.19912	.16725	.16433	.11717	.10993	.08691	.08440
2.664	11.804	-.11777	.19370	.20168	.17084	.16440	.11575	.11198	.08547	.08248
2.664	13.848	-.11685	.19627	.20280	.17299	.16451	.11736	.11164	.08413	.08312
2.664	15.834	-.11671	.19733	.20282	.17248	.16556	.11691	.11265	.08413	.08266
2.664	17.860	-.11670	.20092	.20591	.17262	.16616	.11899	.11373	.08272	.08027
2.664	19.918	-.11752	.20486	.20889	.17059	.16813	.12147	.11425	.08273	.08028
2.664	20.924	-.11803	.20566	.21015	.17043	.16942	.12128	.11552	.08155	.08008
	GRADIENT	.00010	.00074	.00559	-.00038	.00026	.00041	.00026	.00053	.00027

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (GGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.009	-2.847	-.00057	.34011	.36125
2.009	-1.840	-.00102	.34288	.36962
2.009	.168	-.00135	.34493	.38720
2.009	2.120	-.00107	.35601	.40440
2.009	4.071	-.00088	.36810	.41939
2.009	6.094	-.00079	.38073	.43236
2.009	8.044	-.00052	.39119	.44506
2.009	10.069	-.00016	.40201	.45759
2.009	12.083	.00016	.41046	.46884
2.009	14.038	.00067	.41851	.47684
2.009	16.081	.00108	.42482	.48489
2.009	18.137	.00054	.42856	.49412
2.009	20.133	-.00119	.43112	.50198
2.009	21.181	-.00104	.42718	.50314
	GRADIENT	-.00003	.00394	.00849

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (GGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.276	-2.875	.28547	.30202	.33478
2.276	-1.900	.28576	.30365	.34398
2.276	-.037	.28594	.30719	.36444
2.276	1.989	.28685	.32036	.38256
2.276	3.988	.28754	.33541	.39965
2.276	5.906	.28792	.34722	.41367
2.276	9.901	.28905	.36801	.43512
2.276	11.941	.29009	.37548	.44311
2.276	13.949	.29139	.38139	.44788
2.276	15.980	.29170	.38655	.45193
2.276	17.998	.28917	.38719	.45226
2.276	20.031	.29003	.38385	.45173
2.276	21.095	.28959	.38230	.44990
	GRADIENT	.00030	.00485	.00953

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.496	-2.989	-.17974	.31482	.32743
2.496	-2.002	-.17969	.31735	.33512
2.496	-.146	-.17990	.32098	.34860
2.496	1.888	-.18031	.33366	.36428
2.496	3.878	-.18020	.34482	.37806
2.496	5.848	-.18042	.35687	.39104
2.496	7.838	-.18045	.36757	.40200
2.496	9.847	-.18068	.37670	.41119
2.495	11.863	-.17988	.38509	.41913
2.495	13.871	-.17980	.39207	.42517
2.495	15.918	-.17971	.39734	.42879
2.495	17.920	-.18000	.39984	.43171
2.495	19.994	-.18087	.39907	.43267
2.495	21.013	-.18113	.39712	.43158
	GRADIENT	-.00009	.00440	.00739

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (GGY005) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.664	-3.065	-.11922	.30384	.31675
2.664	-2.030	-.11898	.30571	.32446
2.664	-.104	-.11874	.31252	.34064
2.664	1.882	-.11877	.32111	.35030
2.664	3.846	-.11842	.33184	.36380
2.664	5.800	-.11827	.34479	.37586
2.664	7.782	-.11813	.35655	.38755
2.664	9.771	-.11793	.36342	.39589
2.664	11.804	-.11777	.37243	.40241
2.664	13.848	-.11685	.37842	.40597
2.664	15.834	-.11671	.38348	.40799
2.664	17.860	-.11670	.38463	.40963
2.664	19.918	-.11752	.38454	.40614
2.664	20.924	-.11803	.38237	.40341
	GRADIENT	.00010	.00407	.00673

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.895	2.09866	500.06372	2.27046	177.35080	1402.86499	1.65849	585.68872	.00000
2.007	-1.789	2.09877	498.44263	2.27046	176.79118	1398.24854	1.65847	585.58032	.00000
2.007	.164	2.09925	495.57983	2.27046	175.80011	1390.11060	1.65845	585.14331	.00000
2.007	2.143	2.09911	495.85693	2.27046	175.89012	1390.92456	1.65846	584.70703	.00000
2.007	4.138	2.09819	496.06177	2.27046	175.95793	1391.52051	1.65846	584.48975	.00000
2.007	5.942	2.09802	497.90112	2.27046	176.59743	1396.73779	1.65847	584.98071	.00000
2.007	8.132	2.09743	498.20361	2.27046	176.69817	1397.61426	1.65848	584.70679	.00000
2.007	10.138	2.09735	498.20361	2.27046	176.69746	1397.61670	1.65848	584.65332	.00000
2.007	12.232	2.09732	498.19458	2.27046	176.69040	1397.60889	1.65849	584.32617	.00000
2.007	14.172	2.09679	498.31885	2.27046	176.73000	1397.97681	1.65849	584.05347	.00000
2.007	16.176	2.09668	498.09033	2.27046	176.65378	1397.31519	1.65849	584.27124	.00000
2.007	18.190	2.09722	498.30884	2.27046	176.73248	1397.92456	1.65848	584.54272	.00000
2.007	19.472	2.09732	498.14185	2.27046	176.67288	1397.45581	1.65848	584.38013	.00000
	GRADIENT	-.00004	-.56164	.00000	-.19564	-1.59129	-.00000	-.18231	.00000

0A234 LERC 10SWT 42 LHFN.IS RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(FSF) = 500.000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.927	2.16973	504.26538	2.35446	139.33789	1672.24536	1.69652	591.29785	.00000
2.274	-1.801	2.16947	503.47046	2.35446	139.12437	1669.55029	1.69651	591.24219	.00000
2.274	.167	2.16947	503.91064	2.35446	139.24240	1671.04321	1.69652	591.24316	.00000
2.274	2.107	2.16918	504.00903	2.35446	139.26982	1671.36743	1.69652	591.35229	.00000
2.274	4.063	2.16771	502.52319	2.35446	138.87431	1666.30029	1.69650	591.56934	.00000
2.274	6.077	2.16725	502.55322	2.35446	138.88516	1666.37695	1.69651	591.84106	.00000
2.274	8.052	2.16659	502.72925	2.35446	138.93228	1666.97559	1.69650	591.84106	.00000
2.274	10.029	2.16621	502.39014	2.35446	138.83299	1665.90112	1.69651	591.02466	.00000
2.274	12.091	2.16589	503.34351	2.35446	139.09050	1669.11987	1.69652	591.24219	.00000
2.274	14.112	2.16557	503.50122	2.35446	139.13667	1669.61914	1.69651	591.62427	.00000
2.274	16.099	2.16531	503.51343	2.35446	139.13324	1669.72119	1.69652	590.97168	.00000
2.274	18.294	2.16534	503.35181	2.35446	139.09666	1669.11157	1.69652	591.62329	.00000
2.274	19.543	2.16476	503.29077	2.35446	139.08032	1668.90112	1.69651	591.62476	.00000
	GRADIENT	-.00025	-.16217	.00000	-.04301	-.55475	-.00000	.03842	.00000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.060	1.91639	500.39185	2.50676	114.85129	1946.57324	1.70526	577.49268	.00000
2.495	-1.994	1.91626	500.10669	2.50676	114.79388	1945.33569	1.70623	578.36548	.00000
2.495	-.048	1.91647	500.32397	2.50676	114.84891	1946.09814	1.70549	579.23926	.00000
2.495	2.010	1.91652	500.35645	2.50676	114.85780	1946.20337	1.70538	579.45947	.00000
2.495	3.973	1.91622	500.23999	2.50676	114.83690	1945.65820	1.70577	580.16870	.00000
2.495	5.968	1.91641	500.44946	2.50676	114.88814	1946.42285	1.70506	580.77051	.00000
2.494	7.982	1.91644	500.30835	2.50676	114.86186	1945.77783	1.70554	581.47729	.00000
2.495	9.988	1.91658	500.46997	2.50676	114.89755	1946.42993	1.70499	581.42358	.00000
2.494	11.981	1.91616	500.41870	2.50676	114.89172	1946.13135	1.70516	582.18921	.00000
2.494	14.017	1.91649	500.31519	2.50676	114.87379	1945.63477	1.70552	582.89893	.00000
2.494	16.004	1.91630	500.29199	2.50676	114.87389	1945.46094	1.70560	583.60693	.00000
2.494	18.261	1.91656	500.30908	2.50676	114.88019	1945.48877	1.70554	583.93555	.00000
2.494	19.676	1.91638	500.29907	2.50676	114.88237	1945.37842	1.70557	584.53320	.00000
	GRADIENT	-.00000	-.00023	-.00000	.00250	-.04121	.00000	.34782	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.657	-3.120	2.02014	434.46899	2.25591	87.89029	1916.44922	1.73349	583.82520	.00000
2.657	-1.959	2.02012	435.36426	2.25591	88.06660	1920.50635	1.73350	584.47949	.00000
2.657	-.015	2.02033	435.39038	2.25591	88.07404	1920.57495	1.73350	584.58618	.00000
2.657	1.969	2.02033	434.85522	2.25591	87.98685	1917.73145	1.73347	584.91138	.00000
2.657	3.913	2.01957	434.69849	2.25591	87.96313	1916.85645	1.73346	585.07739	.00000
2.657	5.951	2.01959	434.06470	2.25591	87.84726	1913.78174	1.73346	584.96997	.00000
2.657	7.942	2.01989	435.39038	2.25591	88.08939	1920.22437	1.73348	585.18848	.00000
2.657	9.888	2.01952	434.94458	2.25591	88.00987	1918.01367	1.73347	585.18726	.00000
2.657	11.876	2.01920	435.45728	2.25591	88.11246	1920.29883	1.73347	585.62451	.00000
2.657	13.913	2.01957	435.24463	2.25591	88.08972	1918.89722	1.73345	586.22339	.00000
2.657	15.932	2.01946	435.53613	2.25591	88.14590	1920.24951	1.73345	586.38647	.00000
2.657	17.947	2.01950	435.60034	2.25591	88.16977	1920.28394	1.73343	586.87646	.00000
2.657	19.410	2.01975	435.59863	2.25591	88.17224	1920.20947	1.73343	586.98706	.00000
	GRADIENT	-.00006	-.01509	.00000	.00134	-.16690	-.00001	.15791	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (DGY006) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.007	-2.895	2.09866	1.64029	.21575	.36217	.47580	.37721	.48976	.40175	.52370	.58115
2.007	-1.789	2.09877	1.64617	.23968	.36815	.48288	.37813	.49095	.39868	.52162	.54759
2.007	.164	2.09925	1.65133	.28203	.37851	.49652	.38052	.49376	.39487	.51826	.49681
2.007	2.143	2.09911	1.64663	.32885	.38620	.51055	.38092	.49575	.38813	.51294	.44054
2.007	4.138	2.09819	1.64162	.37682	.39776	.51778	.38687	.49420	.38675	.50438	.38820
2.007	5.942	2.09802	1.63271	.42350	.40435	.52531	.38781	.49436	.38050	.49832	.34334
2.007	8.132	2.09743	1.61391	.48036	.41062	.53099	.38943	.49195	.37501	.48906	.29468
2.007	10.138	2.09735	1.59397	.53705	.41491	.53529	.39051	.48890	.36979	.48055	.25138
2.007	12.232	2.09732	1.56520	.59482	.41500	.53633	.38915	.48421	.36220	.46964	.20827
2.007	14.172	2.09679	1.53468	.65008	.41636	.53863	.39023	.48297	.35767	.46460	.17631
2.007	16.176	2.09668	1.50133	.70933	.41577	.53758	.38372	.47332	.34999	.45205	.13671
2.007	18.190	2.09722	1.45888	.76900	.40844	.53301	.37583	.46944	.34078	.44892	.10610
2.007	19.472	2.09732	1.43641	.81021	.40448	.53304	.37195	.46720	.33477	.44460	.08750
	GRADIENT	-.00004	.00005	.02289	.00495	.00618	.00124	.00074	-.00224	-.00266	-.02735

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (DGY006) (16 NOV 77)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.274	-2.927	2.16973	1.65406	.19932	.33795	.45030	.35013	.46317	.37347	.49599	.54867
2.274	-1.801	2.16947	1.65594	.22263	.34420	.45910	.35292	.46534	.37149	.49379	.51627
2.274	.167	2.16947	1.65744	.26150	.35565	.47302	.35763	.46901	.36966	.49112	.46173
2.274	2.107	2.16918	1.65177	.30427	.36356	.48773	.35812	.47305	.36346	.48810	.41060
2.274	4.063	2.16771	1.64450	.34874	.37263	.49766	.36213	.47556	.36104	.48386	.36534
2.274	6.077	2.16725	1.63304	.39843	.37875	.50965	.36260	.47824	.35466	.48041	.31744
2.274	8.052	2.16659	1.61545	.44754	.38185	.51632	.36122	.47787	.34808	.47429	.27599
2.274	10.029	2.16621	1.59754	.50293	.38388	.52347	.35877	.47824	.33973	.46885	.23636
2.274	12.091	2.16589	1.57152	.55892	.38457	.52698	.35520	.47532	.33202	.45948	.19667
2.274	14.112	2.16557	1.54440	.61971	.38236	.52849	.35099	.47096	.32463	.45141	.16241
2.274	16.099	2.16531	1.51033	.67891	.38116	.52774	.34876	.46334	.31872	.44055	.12779
2.274	18.294	2.16534	1.47113	.74414	.37369	.52236	.34166	.45590	.30861	.43047	.09371
2.274	19.543	2.16476	1.44684	.78345	.36891	.51854	.33849	.45026	.30391	.42599	.07566
	GRADIENT	-.00025	-.00137	.02130	.00494	.00687	.00161	.00181	-.00185	-.00168	-.02635

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-3.060	1.91639	1.69824	.21109	.35378	.45138	.36745	.46446	.39118	.49625	.55964
2.495	-1.994	1.91626	1.70313	.23078	.35915	.45865	.36845	.46554	.38724	.49378	.53016
2.495	-.048	1.91647	1.70506	.26908	.36737	.47020	.36979	.46643	.38161	.48860	.47547
2.495	2.010	1.91652	1.70832	.31038	.37467	.48266	.36942	.46899	.37514	.48391	.42377
2.495	3.973	1.91622	1.70061	.36004	.38232	.49318	.37176	.46936	.37016	.47674	.37155
2.495	5.968	1.91641	1.68542	.40556	.38773	.50035	.37123	.46871	.36446	.47018	.32786
2.494	7.982	1.91644	1.66983	.45782	.39355	.50709	.37108	.46762	.35745	.46215	.28160
2.495	9.988	1.91658	1.64707	.50851	.39525	.51042	.36889	.46458	.35048	.45520	.24067
2.494	11.981	1.91616	1.62146	.56493	.39601	.51473	.36812	.46133	.34535	.44663	.20205
2.494	14.017	1.91649	1.58983	.62074	.39749	.51360	.36464	.45735	.33774	.43750	.16629
2.494	16.004	1.91630	1.55318	.68367	.39505	.51195	.36217	.45061	.33179	.42898	.13410
2.494	18.261	1.91656	1.50650	.74904	.38986	.50817	.35563	.44371	.32193	.41899	.09870
2.494	19.676	1.91638	1.47256	.79237	.38594	.50526	.35096	.43847	.31558	.41258	.07765
	GRADIENT	-.00000	.00047	.02096	.00400	.00594	.00052	.00073	-.00299	-.00272	-.02667

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (DGY006) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.657	-3.120	2.02014	1.69333	.20193	.33802	.43436	.35217	.44962	.37446	.48070	.54237
2.657	-1.959	2.02012	1.69946	.22069	.34442	.44551	.35362	.45282	.37188	.47889	.50727
2.657	-.015	2.02033	1.70318	.25808	.35266	.45865	.35400	.45559	.36577	.47577	.45608
2.657	1.969	2.02033	1.69615	.30064	.36037	.47148	.35516	.45802	.36013	.47159	.40696
2.657	3.913	2.01957	1.68642	.34502	.36669	.47971	.35602	.45741	.35400	.46449	.35727
2.657	5.951	2.01959	1.67485	.39153	.37015	.48629	.35398	.45454	.34654	.45560	.31256
2.657	7.942	2.01989	1.66071	.43790	.37510	.49486	.35354	.45777	.34068	.45337	.27263
2.657	9.888	2.01952	1.63700	.49041	.37812	.49796	.35156	.45243	.33426	.44199	.23346
2.657	11.876	2.01920	1.60664	.54542	.38090	.50011	.35142	.44919	.32919	.43474	.19485
2.657	13.913	2.01957	1.58043	.60056	.37911	.50227	.34759	.44546	.32138	.42599	.16075
2.657	15.932	2.01946	1.54073	.66231	.38016	.49994	.34675	.43855	.31716	.41612	.12833
2.657	17.947	2.01950	1.50406	.71951	.37567	.49644	.34221	.43158	.30970	.40610	.09909
2.657	19.410	2.01975	1.47231	.76299	.37211	.49130	.33957	.42356	.30611	.39745	.07680
	GRADIENT	-.00006	-.00109	.02043	.00405	.00642	.00051	.00112	-.00294	-.00223	-.02608

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (EGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.007	-2.895	2.09866	.11709	.32340	.40583	.31304	.38496	.29174	.37424	.61060
2.007	-1.789	2.09877	.13593	.32313	.40598	.31152	.38530	.29108	.37204	.57704
2.007	.164	2.09925	.17291	.32322	.40852	.30588	.38532	.28816	.36894	.52519
2.007	2.143	2.09911	.21062	.32129	.40891	.29969	.38769	.28376	.36359	.46931
2.007	4.138	2.09819	.25216	.32558	.40785	.30176	.39152	.28411	.35996	.41538
2.007	5.942	2.09802	.29244	.32302	.40566	.29791	.39519	.27980	.35718	.36970
2.007	8.132	2.09743	.34372	.32101	.39857	.29598	.39877	.27577	.35611	.31626
2.007	10.138	2.09735	.39443	.33350	.39225	.29334	.39917	.27252	.35564	.26999
2.007	12.232	2.09732	.44789	.31599	.36260	.29995	.40022	.26765	.35531	.23003
2.007	14.172	2.09679	.49937	.30888	.33279	.29525	.40647	.26312	.36056	.20009
2.007	16.176	2.09668	.55773	.29122	.31709	.30457	.37981	.25347	.36125	.16031
2.007	18.190	2.09722	.61623	.29112	.29180	.30549	.36497	.24737	.36518	.13093
2.007	19.472	2.09732	.65533	.28899	.28051	.29549	.35075	.24522	.35690	.11284
	GRADIENT	-.00004	.01920	.00016	.00038	-.00190	.00089	-.00126	-.00206	-.02765

OA234 LERC 10SWT 42 LHFN.IS RHA .2P/S (EGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.274	-2.927	2.16973	.10352	.29621	.37553	.28495	.35383	.26958	.35461	.57882
2.274	-1.801	2.16947	.12113	.29842	.37792	.28300	.35610	.26925	.35319	.54886
2.274	.167	2.16947	.15403	.29664	.38262	.27652	.35984	.26624	.35180	.48882
2.274	2.107	2.16918	.19346	.29301	.38698	.26948	.36389	.26160	.34987	.43008
2.274	4.063	2.16771	.23160	.29338	.39365	.26842	.37174	.25841	.34947	.37945
2.274	6.077	2.16725	.27274	.28874	.39627	.26384	.37735	.25286	.34617	.32727
2.274	8.052	2.16659	.31889	.28602	.39576	.26271	.38146	.24845	.34328	.28174
2.274	10.029	2.16621	.36481	.28021	.39245	.25823	.38426	.24120	.34056	.23868
2.274	12.091	2.16589	.41727	.27902	.41382	.25830	.38716	.23570	.33663	.19482
2.274	14.112	2.16557	.46864	.27549	.36781	.25569	.40839	.22672	.33400	.15673
2.274	16.099	2.16531	.52709	.29222	.34919	.25704	.39565	.22321	.33151	.12131
2.274	18.294	2.16534	.58763	.27143	.33088	.26195	.37572	.21607	.33002	.08598
2.274	19.543	2.16476	.62443	.25903	.31391	.25888	.36461	.21421	.33552	.06842
	GRADIENT	-.00025	.01843	-.00065	.00254	-.00260	.00245	-.00170	-.00075	-.02894

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-3.060	1.91639	.11628	.30735	.37135	.29349	.34905	.28105	.35421	.59545
2.495	-1.994	1.91626	.13251	.30681	.37192	.29109	.34896	.27988	.35355	.56450
2.495	-.048	1.91647	.16478	.30422	.37326	.28297	.34893	.27429	.34799	.51149
2.495	2.010	1.91652	.19916	.29904	.37679	.27563	.35279	.26999	.34539	.43836
2.495	3.973	1.91622	.24103	.29834	.38131	.27375	.35812	.26754	.34010	.38091
2.495	5.968	1.91641	.28010	.29653	.38127	.27231	.35973	.26229	.33346	.33135
2.494	7.982	1.91644	.32595	.29253	.38366	.27041	.36519	.25777	.33069	.28007
2.495	9.988	1.91658	.37063	.28944	.38234	.26823	.36853	.25166	.32765	.23184
2.494	11.981	1.91616	.42148	.28818	.37680	.26708	.36770	.24567	.32178	.19148
2.494	14.017	1.91649	.47132	.28573	.37071	.26704	.36784	.23917	.32128	.15635
2.494	16.004	1.91630	.52694	.31846	.36521	.26629	.36575	.23580	.31754	.11945
2.494	18.261	1.91656	.59064	.29956	.35303	.27141	.36192	.22923	.31793	.08501
2.494	19.676	1.91638	.63057	.27386	.33359	.27183	.35729	.22498	.31489	.06492
	GRADIENT	-.00000	.01756	-.00144	.00140	-.00303	.00126	-.00205	-.00203	-.03080

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (EGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.657	-3.120	2.02014	.10967	.29028	.35617	.27652	.33584	.26606	.34248	.55423
2.657	-1.959	2.02012	.12463	.28936	.35611	.27265	.33581	.26318	.34145	.51817
2.657	-.015	2.02033	.15356	.28771	.35949	.26755	.33761	.26058	.33979	.46458
2.657	1.969	2.02033	.18952	.28394	.36616	.26174	.34282	.25561	.33708	.41209
2.657	3.913	2.01957	.22942	.28126	.36653	.25812	.34213	.25195	.32901	.35499
2.657	5.951	2.01959	.26680	.27716	.36950	.25547	.34654	.24675	.32398	.30293
2.657	7.942	2.01989	.30759	.27249	.37002	.25234	.34957	.24162	.32015	.25569
2.657	9.888	2.01952	.35356	.27146	.37006	.25179	.35256	.23705	.31619	.21559
2.657	11.876	2.01920	.40531	.27239	.36689	.25423	.35290	.23404	.31113	.17757
2.657	13.913	2.01957	.45194	.27097	.36207	.25383	.35350	.22813	.30731	.14152
2.657	15.932	2.01946	.51137	.27172	.35473	.25647	.35223	.22686	.30595	.11022
2.657	17.947	2.01950	.56116	.26969	.34421	.25692	.34675	.22431	.30145	.08104
2.657	19.410	2.01975	.60476	.26810	.33508	.25784	.34265	.22271	.29841	.06174
	GRADIENT	-.00006	.01701	-.00132	.00173	-.00264	.00110	-.00199	-.00177	-.02800

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (FGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.007	-2.895	2.09866	.17341	.21881	.14709	.20745	.09325	.15383	.06359	.13247
2.007	-1.789	2.09877	.17534	.23636	.14945	.20993	.09365	.15738	.06437	.13428
2.007	.164	2.09925	.18064	.26807	.15581	.21891	.09498	.16343	.06806	.14064
2.007	2.143	2.09911	.17798	.26053	.15846	.22580	.09584	.16724	.06766	.13800
2.007	4.138	2.09819	.18144	.26269	.15408	.22705	.09718	.16902	.06685	.13627
2.007	5.942	2.09802	.17806	.26814	.15248	.23214	.09716	.16834	.06691	.13566
2.007	8.132	2.09743	.17962	.27220	.15368	.23672	.09874	.16897	.06682	.13420
2.007	10.138	2.09735	.18043	.27647	.15744	.24359	.09695	.16763	.06623	.13372
2.007	12.232	2.09732	.17886	.27711	.15909	.24892	.09540	.16439	.06350	.13302
2.007	14.172	2.09679	.18021	.28125	.15678	.25070	.09198	.16124	.06385	.13004
2.007	16.176	2.09668	.17824	.27869	.15752	.24573	.08782	.15901	.05884	.12805
2.007	18.190	2.09722	.17660	.28248	.15232	.24104	.08707	.15467	.05805	.12599
2.007	19.472	2.09732	.17527	.27906	.15149	.24100	.08836	.15428	.05853	.12555
	GRADIENT	-.00004	.00101	.00593	.00123	.00304	.00056	.00220	.00052	.00058

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (FGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.274	-2.927	2.16973	.14649	.16649	.12122	.20119	.07171	.14771	.04479	.11872
2.274	-1.801	2.16947	.15290	.19119	.12242	.20212	.07159	.14847	.04546	.11824
2.274	.167	2.16947	.15463	.23601	.12164	.20510	.07123	.14636	.04687	.11785
2.274	2.107	2.16918	.15230	.24520	.12095	.20661	.07277	.14617	.05053	.11596
2.274	4.063	2.16771	.15308	.24971	.12254	.20754	.07718	.14697	05279	.11534
2.274	6.077	2.16725	.15108	.25322	.12308	.20811	.07648	.14366	.05725	.11507
2.274	8.052	2.16659	.15128	.25435	.12645	.21257	.07929	.14309	.05759	.11486
2.274	10.029	2.16621	.15102	.25452	.12912	.21277	.08070	.14321	.05720	.11329
2.274	12.091	2.16589	.15216	.25295	.13204	.21464	.08325	.14354	.05551	.11236
2.274	14.112	2.16557	.15257	.25370	.13428	.21547	.08367	.14220	.05384	.11192
2.274	16.099	2.16531	.15304	.25505	.13380	.21253	.08115	.14097	.05296	.11067
2.274	18.294	2.16534	.15322	.25433	.13656	.21015	.08301	.14067	.05180	.10998
2.274	19.543	2.16476	.15743	.25347	.13688	.21008	.08465	.14235	.05170	.11076
	GRADIENT	-.00025	.00062	.01205	.00006	.00096	.00070	-.00021	.00119	-.00051

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-3.060	1.91639	.15138	.16164	.13064	.18971	.08335	.14144	.05708	.11995
2.495	-1.994	1.91626	.15801	.16188	.13033	.19031	.08350	.14339	.05677	.11968
2.495	-.048	1.91647	.15981	.19158	.12955	.19297	.08231	.14387	.05600	.11891
2.495	2.010	1.91652	.16023	.22510	.12827	.19640	.08272	.14428	.05427	.11846
2.495	3.973	1.91622	.16087	.23427	.12926	.19749	.08289	.14613	.05307	.11822
2.495	5.968	1.91641	.16033	.23978	.13054	.20254	.08152	.14521	.05218	.11641
2.494	7.982	1.91644	.16105	.24224	.13258	.20798	.08096	.14467	.05119	.11670
2.495	9.988	1.91658	.16101	.24646	.13341	.21053	.07834	.14331	.04810	.11537
2.494	11.981	1.91616	.16113	.24778	.13480	.21066	.07844	.14593	.04774	.11376
2.494	14.017	1.91649	.16155	.24876	.13353	.21193	.07717	.14303	.04431	.11420
2.494	16.004	1.91630	.16165	.25054	.13231	.21031	.07769	.14438	.04395	.11256
2.494	18.261	1.91656	.16158	.25183	.12789	.20810	.07717	.14434	.04429	.11162
2.494	19.676	1.91638	.16290	.25065	.12581	.20854	.07722	.14574	.04526	.11210
	GRADIENT	-.00000	.00109	.01166	-.00026	.00120	-.00009	.00055	-.00059	-.00026

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (FGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.657	-3.120	2.02014	.13319	.16355	.11720	.18080	.07665	.13236	.05548	.10889
2.657	-1.959	2.02012	.14199	.15744	.11612	.18010	.07565	.13126	.05553	.10685
2.657	-.015	2.02033	.14631	.16373	.11552	.18046	.07951	.13114	.05594	.10673
2.657	1.969	2.02033	.14676	.20032	.11738	.17947	.08134	.12958	.05471	.10563
2.657	3.913	2.01957	.14906	.22040	.12221	.18475	.08412	.13085	.05601	.10692
2.657	5.951	2.01959	.14973	.22663	.12786	.18746	.08371	.13051	.05454	.10853
2.657	7.942	2.01989	.15086	.22803	.13008	.18947	.08355	.13169	.05347	.10879
2.657	9.888	2.01952	.15618	.23043	.13393	.19234	.08187	.13352	.05225	.10813
2.657	11.876	2.01920	.15823	.23387	.13653	.19485	.08203	.13461	.05045	.10776
2.657	13.913	2.01957	.16075	.23293	.13405	.19392	.08152	.13608	.04841	.10776
2.657	15.932	2.01946	.16296	.23517	.13284	.19265	.08182	.13639	.04775	.10705
2.657	17.947	2.01950	.16539	.23463	.13029	.19507	.08276	.13734	.04670	.10602
2.657	19.410	2.01975	.16633	.23600	.12872	.19650	.08372	.14023	.04666	.10598
	GRADIENT	-.00006	.00194	.00898	.00067	.00043	.00110	-.00025	.00001	-.00026

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (GGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.007	-2.895	2.09866	.29020	.40562
2.007	-1.789	2.09877	.29120	.41552
2.007	.164	2.09925	.29457	.43440
2.007	2.143	2.09911	.30404	.45411
2.007	4.138	2.09819	.32043	.46744
2.007	5.942	2.09802	.33122	.48251
2.007	8.132	2.09743	.34226	.49599
2.007	10.138	2.09735	.35261	.61093
2.007	12.232	2.09732	.36353	.62579
2.007	14.172	2.09679	.36532	.53215
2.007	16.176	2.09668	.36687	.53715
2.007	18.190	2.09722	.36778	.54468
2.007	19.472	2.09732	.36728	.62637
	GRADIENT	-.00004	.00417	.00900

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (GGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.274	-2.927	2.16973	.26059	.37560
2.274	-1.801	2.16947	.26374	.38687
2.274	.167	2.16947	.26882	.40681
2.274	2.107	2.16918	.27888	.42495
2.274	4.063	2.16771	.29158	.44498
2.274	6.077	2.16725	.30072	.46170
2.274	8.052	2.16659	.31157	.47522
2.274	10.029	2.16621	.31655	.47121
2.274	12.091	2.16589	.32635	.49063
2.274	14.112	2.16557	.32759	.50669
2.274	16.099	2.16531	.33151	.51021
2.274	18.294	2.16534	.33045	.51252
2.274	19.543	2.16476	.32867	.51384
	GRADIENT	-.00025	.00436	.00988

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-3.060	1.91639	.26851	.37055
2.495	-1.994	1.91626	.27042	.37950
2.495	-.048	1.91647	.27608	.39580
2.495	2.010	1.91652	.28554	.41213
2.495	3.973	1.91622	.29917	.43038
2.495	5.968	1.91641	.31021	.44272
2.494	7.982	1.91644	.31992	.45548
2.495	9.988	1.91658	.32765	.46570
2.494	11.981	1.91616	.33513	.47388
2.494	14.017	1.91649	.34066	.48135
2.494	16.004	1.91630	.34854	.48485
2.494	18.261	1.91656	.34507	.49053
2.494	19.676	1.91638	.34417	.49149
	GRADIENT	-.00000	.00429	.00843

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (GGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.657	-3.120	2.02014	.25172	.35168
2.657	-1.959	2.02012	.25483	.36249
2.657	-.015	2.02033	.26260	.37960
2.657	1.969	2.02033	.27364	.39873
2.657	3.913	2.01957	.28489	.41141
2.657	5.951	2.01959	.29419	.42583
2.657	7.942	2.01989	.30233	.43506
2.657	9.888	2.01952	.31173	.44702
2.657	11.876	2.01920	.32053	.45416
2.657	13.913	2.01957	.32563	.46075
2.657	15.932	2.01946	.33168	.46634
2.657	17.947	2.01950	.33361	.46531
2.657	19.410	2.01975	.33650	.46512
	GRADIENT	-.00006	.00477	.00864

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.995	-2.879	-.00043	300.38208	1.50022	107.85104	836.93628	1.65639	547.83301	.00000
1.995	-1.876	-.00041	299.45996	1.50022	107.53209	834.31567	1.65637	547.94360	.00000
1.995	.082	-.00060	299.98047	1.50022	107.71785	835.77124	1.65638	548.49658	.00000
1.995	2.088	-.00062	300.18262	1.50022	107.78380	836.36182	1.65638	548.05420	.00000
1.995	4.039	-.00052	300.09912	1.50022	107.75331	836.13184	1.65638	547.88843	.00000
1.995	6.058	-.00021	299.85547	1.50022	107.66924	835.43848	1.65638	547.94360	.00000
1.995	8.060	-.00002	299.85352	1.50022	107.67834	835.39136	1.65636	548.99390	.00000
1.995	9.961	.00011	299.98389	1.50022	107.72360	835.76099	1.65636	548.99390	.00000
1.995	12.018	.00052	299.84253	1.50022	107.67554	835.35522	1.65636	549.10425	.00000
1.995	14.022	.00116	299.87085	1.50022	107.68533	835.43433	1.65636	549.10425	.00000
1.995	16.049	-.00033	299.88135	1.50022	107.68297	835.49097	1.65637	548.44141	.00000
1.995	18.104	.00092	299.83496	1.50022	107.67337	835.33154	1.65636	549.15942	.00000
1.995	20.166	-.00017	299.83936	1.50022	107.67439	835.34644	1.65636	549.10425	.00000
1.995	21.172	-.00030	299.95337	1.50022	107.71199	835.67871	1.65636	548.88330	.00000
	GRADIENT	-.00002	.02067	.00000	.00723	.05845	-.00000	.00708	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.259	-2.911	.28754	302.22949	1.57636	84.60271	992.23901	1.69474	550.87134	.00000
2.259	-1.920	.28763	304.36326	1.57636	85.18001	999.42480	1.69477	550.87134	.00000
2.259	.077	.28813	304.57910	1.57636	85.24884	1000.05835	1.69476	552.30615	.00000
2.259	2.013	.28847	304.61426	1.57636	85.24796	1000.26953	1.69478	550.87134	.00000
2.259	3.972	.28892	304.51050	1.57636	85.21988	999.91992	1.69478	550.87134	.00000
2.259	5.966	.28935	304.67065	1.57636	85.26445	1000.44849	1.69478	551.03711	.00000
2.259	7.924	.28987	304.35889	1.57636	85.18405	999.36328	1.69477	551.58887	.00000
2.259	9.965	.29014	304.44287	1.57636	85.20676	999.64575	1.69477	551.58887	.00000
2.259	12.002	.29078	304.52539	1.57636	85.23198	999.89893	1.69476	551.97510	.00000
2.259	13.929	.29166	304.33691	1.57636	85.18056	999.26709	1.69476	551.91952	.00000
2.259	15.988	.29002	304.71411	1.57636	85.28415	1000.52222	1.69477	552.14062	.00000
2.259	18.014	.29224	304.45093	1.57636	85.21220	999.64526	1.69476	552.03027	.00000
2.259	20.056	.29103	304.57617	1.57636	85.24567	1000.06934	1.69477	551.97510	.00000
2.259	21.087	.29050	304.51855	1.57636	85.23128	999.86621	1.69477	552.14062	.00000
	GRADIENT	.00020	.24272	.00000	.06562	.81780	.00000	-.00767	.00000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.478	-2.981	-.18033	302.30371	1.62752	70.35457	1160.84399	2.81968	555.55835	.00000
2.477	-2.006	-.18020	301.03638	1.62752	70.06975	1155.82178	2.83155	555.66870	.00000
2.478	.007	-.17969	303.37964	1.62752	70.59431	1165.13818	2.80968	555.11792	.00000
2.478	1.900	-.18053	303.49121	1.62752	70.62265	1165.53149	2.80865	555.66870	.00000
2.478	3.898	-.18039	303.93506	1.62752	70.72389	1167.26709	2.80455	555.88916	.00000
2.478	5.856	-.18048	303.95361	1.62752	70.72708	1167.35522	2.80438	555.72388	.00000
2.478	7.842	-.18039	303.99902	1.62752	70.73636	1167.54932	2.80396	555.55859	.00000
2.478	9.843	-.18030	303.15601	1.62752	70.54713	1164.20557	2.81176	555.66870	.00000
2.478	11.855	-.18005	303.31274	1.62752	70.58148	1164.84009	2.81030	555.50342	.00000
2.478	13.855	-.17960	303.26343	1.62752	70.57004	1164.65137	2.81076	555.44849	.00000
2.478	15.906	-.17949	303.27979	1.62752	70.57149	1164.74854	2.81061	555.06274	.00000
2.478	17.895	-.17974	303.29517	1.62752	70.57684	1164.78076	2.81047	555.39331	.00000
2.478	19.957	-.17998	303.24121	1.62752	70.56441	1164.57227	2.81097	555.33813	.00000
2.478	20.984	-.18027	303.31494	1.62752	70.58070	1164.86719	2.81028	555.28320	.00000
	GRADIENT	-.00003	.33994	-.00000	.07679	1.34104	-.00316	.03630	.00000

OA234 LERC IOSWT 42 LHFN.IS RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.641	-3.021	-.11936	307.18311	1.76485	62.90204	1337.88452	1.73224	559.74146	.00000
2.641	-2.066	-.11913	307.87158	1.76485	63.04735	1340.78735	1.73224	559.68652	.00000
2.641	-.046	-.11867	307.42017	1.76485	62.95583	1338.79980	1.73224	558.91650	.00000
2.641	1.847	-.11896	307.43677	1.76485	62.95778	1338.90405	1.73224	559.24658	.00000
2.641	3.814	-.11865	307.26929	1.76485	62.92277	1338.19141	1.73224	559.19165	.00000
2.641	5.828	-.11863	307.21997	1.76485	62.91213	1337.98804	1.73224	559.24634	.00000
2.641	7.822	-.11851	307.37085	1.76485	62.94464	1338.60815	1.73224	559.08179	.00000
2.641	9.811	-.11839	307.26758	1.76485	62.92368	1338.15601	1.73223	558.91650	.00000
2.641	11.808	-.11836	307.45337	1.76485	62.96332	1338.92847	1.73223	558.80640	.00000
2.641	13.799	-.11750	307.35083	1.76485	62.93991	1338.53564	1.73223	559.19165	.00000
2.641	15.826	-.11855	307.17261	1.76485	62.90140	1337.80505	1.73224	559.41162	.00000
2.641	17.864	-.11744	307.34180	1.76485	62.93625	1338.53687	1.73224	559.57666	.00000
2.641	19.897	-.11788	307.22534	1.76485	62.91225	1338.03540	1.73225	559.46655	.00000
2.641	20.933	-.11826	307.25391	1.76485	62.91872	1338.14258	1.73224	559.35645	.00000
	GRADIENT	.00009	-.02459	.00000	-.00475	-.11274	.00000	-.08487	.00000

OA234 LERC IOSWT 42 LHFN.IS RHA .2P/S (DGY007) (08 DEC 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.995	-2.879	-.00043	1.63977	.21454	.40965	.42448	.43015	.43472	.45452	.46774	.58371
1.995	-1.876	-.00041	1.64468	.23550	.41663	.43087	.43288	.43675	.45167	.46551	.55601
1.995	.082	-.00060	1.64850	.27871	.42616	.44242	.43299	.43835	.44457	.46049	.50148
1.995	2.038	-.00062	1.65110	.32455	.43629	.45324	.43525	.44059	.43892	.45622	.44704
1.995	4.039	-.00052	1.64520	.37035	.44368	.46205	.43620	.44010	.43414	.45067	.39637
1.995	6.058	-.00021	1.63281	.41981	.45176	.46808	.43719	.44028	.42724	.44370	.34559
1.995	8.060	-.00002	1.61751	.47301	.45856	.47344	.43898	.43990	.42113	.43826	.29928
1.995	9.961	.00011	1.59658	.52484	.46116	.47952	.43727	.44037	.41364	.43221	.25677
1.995	12.018	.00052	1.56847	.58354	.46273	.48181	.43658	.43833	.40514	.42644	.21514
1.995	14.022	.00116	1.53628	.64088	.46282	.48396	.43314	.43555	.39870	.42010	.17651
1.995	16.049	-.00033	1.50001	.69928	.46258	.48112	.43009	.43101	.39156	.41271	.14120
1.995	18.104	.00092	1.45883	.76350	.46131	.48183	.42710	.42902	.38580	.40754	.11109
1.995	20.166	-.00017	1.42145	.82974	.45703	.47746	.42230	.42186	.37929	.39839	.08382
1.995	21.172	-.00030	1.40159	.86282	.45204	.47400	.41801	.41761	.37515	.39338	.06825
	GRADIENT	-.00002	.00088	.02254	.00489	.00546	.00079	.00080	-.00300	-.00244	-.02715

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (DGY007) (08 DEC 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.259	-2.911	.28754	1.65714	.19759	.37975	.40247	.39766	.41179	.41953	.44153	.55204
2.259	-1.920	.28763	1.66009	.21566	.38449	.40781	.39809	.41347	.41558	.44093	.52165
2.259	.077	.28813	1.65803	.25570	.39407	.42646	.39991	.42233	.41094	.44201	.46754
2.259	2.013	.28847	1.65533	.29795	.40541	.43848	.40288	.42590	.40816	.44069	.41742
2.259	3.972	.28892	1.64799	.34316	.41491	.44947	.40598	.42904	.40290	.43738	.36899
2.259	5.966	.28935	1.63499	.39072	.42240	.45685	.40784	.42946	.39833	.43138	.32354
2.259	7.924	.28987	1.61832	.44458	.42911	.46359	.41030	.42981	.39300	.42673	.28206
2.259	9.965	.29014	1.59653	.49789	.43315	.46699	.40869	.42750	.38512	.41868	.24091
2.259	12.002	.29078	1.57173	.55591	.43482	.46786	.40610	.42210	.37896	.40895	.20022
2.259	13.929	.29166	1.54654	.61162	.43355	.46794	.40259	.41729	.37126	.40116	.16634
2.259	15.988	.29002	1.51106	.67363	.43085	.46246	.39712	.40966	.36163	.38998	.13001
2.259	18.014	.29224	1.47500	.73430	.42651	.45816	.39198	.40318	.35372	.37985	.09926
2.259	20.056	.29103	1.43490	.79558	.41686	.44991	.38369	.39355	.34342	.36941	.06791
2.259	21.087	.29050	1.40928	.82585	.41213	.44521	.37961	.38811	.33867	.36391	.05245
	GRADIENT	.00020	-.00138	.02115	.00516	.00704	.00123	.00264	-.00227	-.00050	-.02650

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.478	-2.981	-.18033	1.69846	.20862	.40039	.40260	.41737	.41249	.43885	.44111	.55699
2.477	-2.006	-.18020	1.70163	.22845	.40800	.41086	.42065	.41586	.43798	.44086	.53452
2.478	.007	-.17969	1.70240	.26441	.41369	.41793	.41925	.41440	.43068	.43358	.47681
2.478	1.900	-.18053	1.70355	.30695	.42444	.42867	.42159	.41665	.42513	.42875	.42728
2.478	3.898	-.18039	1.69585	.35199	.43002	.43628	.42281	.41586	.41931	.42424	.37762
2.478	5.856	-.18046	1.68390	.40094	.43670	.44442	.42311	.41617	.41262	.41811	.33263
2.478	7.842	-.18039	1.67311	.44937	.44138	.44833	.42148	.41449	.40452	.41076	.28779
2.478	9.843	-.18030	1.65300	.50473	.44439	.45277	.41943	.41316	.39680	.40438	.24568
2.478	11.855	-.18005	1.62702	.55666	.44635	.45260	.41772	.40804	.38957	.39693	.20869
2.478	13.855	-.17960	1.59384	.61306	.44672	.45438	.41391	.40628	.38214	.38953	.17356
2.479	15.906	-.17949	1.55779	.67359	.44510	.45284	.41078	.40111	.37421	.38139	.13789
2.478	17.895	-.17974	1.52014	.73315	.44035	.45015	.40526	.39566	.36658	.37373	.10763
2.478	19.957	-.17998	1.46940	.79423	.43338	.44531	.39684	.38797	.35748	.36457	.07363
2.478	20.984	-.18027	1.44076	.82518	.42890	.44090	.39298	.38350	.35168	.35929	.06150

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (DGY007) (08 DEC 77)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.641	-3.021	-.11936	1.68508	.20011	.38434	.39071	.40058	.40116	.42078	.42818	.54197
2.641	-2.066	-.11913	1.68735	.21719	.38955	.39664	.40234	.40143	.41897	.42635	.51323
2.641	-.046	-.11867	1.69343	.25515	.39728	.40496	.40304	.40148	.41404	.42072	.45887
2.641	1.847	-.11896	1.69033	.29493	.40513	.41426	.40461	.40374	.40797	.41663	.41073
2.641	3.814	-.11865	1.68328	.33833	.41443	.42500	.40557	.40533	.40123	.41123	.36402
2.641	5.828	-.11863	1.67030	.38453	.42029	.43079	.40576	.40348	.39443	.40576	.31733
2.641	7.822	-.11851	1.65884	.43586	.42487	.43606	.40475	.40247	.38853	.39767	.27436
2.641	9.811	-.11839	1.63510	.48340	.42704	.43822	.40203	.39972	.38019	.39070	.23584
2.641	11.808	-.11836	1.61329	.54047	.43032	.44016	.39976	.39742	.37307	.38349	.19795
2.641	13.799	-.11750	1.58298	.59586	.42984	.44032	.39714	.39203	.36693	.37449	.16449
2.641	15.826	-.11855	1.54746	.65467	.42862	.43778	.39372	.38660	.35875	.36682	.13167
2.641	17.864	-.11744	1.50471	.71090	.42220	.43333	.38718	.37809	.35015	.35604	.10220
2.641	19.897	-.11788	1.46141	.77382	.41654	.42775	.37939	.37102	.34035	.34683	.07340
2.641	20.933	-.11826	1.43412	.80075	.41167	.42294	.37523	.36475	.33624	.34125	.05806
	GRADIENT	.00009	-.00012	.02020	.00430	.00489	.00068	.00052	-.00287	-.00249	-.02599

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (EGY007) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
1.995	-2.879	-.00043	.11893	.38372	.36073	.36811	.33795	.34047	.32513	.61045
1.995	-1.876	-.00041	.13671	.38423	.36107	.36706	.33688	.33930	.32395	.58226
1.995	.082	-.00060	.17358	.38154	.36130	.36160	.33570	.33450	.32143	.52408
1.995	2.088	-.00062	.21376	.38096	.36435	.35602	.33802	.33034	.31804	.46683
1.995	4.039	-.00052	.25232	.38045	.36600	.35264	.34323	.32691	.31608	.41409
1.995	6.058	-.00021	.29665	.37781	.36476	.34846	.34772	.32274	.31402	.36061
1.995	8.060	-.00002	.34408	.37384	.36292	.34520	.35378	.31871	.31434	.31151
1.995	9.961	.00011	.39094	.37067	.35545	.34283	.35850	.31416	.31701	.26756
1.995	12.018	.00052	.44382	.36572	.34312	.34360	.35713	.30978	.31776	.21812
1.995	14.022	.00116	.49904	.36217	.32590	.34586	.35286	.30561	.31715	.17808
1.995	16.049	-.00033	.55823	.35573	.30910	.34493	.34284	.30257	.31695	.13937
1.995	18.104	.00092	.62034	.35141	.29958	.34003	.33063	.29740	.31634	.10995
1.995	20.166	-.00017	.68584	.34920	.29906	.33215	.31696	.28964	.30918	.08413
1.995	21.172	-.00030	.71830	.34936	.29990	.33152	.31069	.29047	.30426	.06647
	GRADIENT	-.00002	.01935	-.00056	.00079	-.00237	.00071	-.00204	-.00135	-.02853

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (EGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.259	-2.911	.28754	.10609	.34632	.33868	.32920	.31646	.30702	.31140	.56740
2.259	-1.920	.28763	.12144	.34357	.34023	.32510	.31533	.30450	.31167	.53490
2.259	.077	.28813	.15567	.34605	.34282	.32272	.31784	.30355	.31071	.47865
2.259	2.013	.28847	.19080	.34751	.34793	.32066	.32213	.30295	.31077	.42649
2.259	3.972	.28892	.23103	.34575	.35244	.31741	.32600	.30032	.30752	.37398
2.259	5.966	.28935	.27298	.34263	.35291	.31366	.32853	.29439	.30165	.32219
2.259	7.924	.28987	.32102	.33865	.35388	.31033	.33229	.29100	.29902	.27654
2.259	9.965	.29014	.36971	.33360	.34942	.30735	.33360	.28442	.29533	.23127
2.259	12.002	.29078	.42109	.33028	.34113	.30621	.33311	.27757	.28996	.18920
2.259	13.929	.29166	.47040	.32609	.33118	.30348	.33244	.27045	.28651	.15393
2.259	15.988	.29002	.52617	.32074	.31649	.30444	.32709	.26437	.28325	.11771
2.259	18.014	.29224	.58677	.31138	.29913	.30282	.31984	.25840	.28161	.08771
2.259	20.056	.29103	.64534	.30322	.27875	.29960	.30886	.25232	.27770	.05712
2.259	21.087	.29050	.67559	.30269	.26820	.29766	.30199	.25034	.27646	.04028
	GRADIENT	.00020	.01810	.00019	.00201	-.00155	.00151	-.00082	-.00051	-.02790

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.478	-2.981	-.18033	.11926	.36208	.32887	.34415	.30593	.32527	.30785	.56538
2.477	-2.006	-.18020	.13586	.36519	.33180	.34510	.30810	.32602	.30865	.54289
2.478	.007	-.17969	.16611	.35917	.32823	.33498	.30324	.31891	.30165	.48237
2.478	1.900	-.18053	.20052	.35578	.33132	.32876	.30554	.31412	.29828	.42725
2.478	3.898	-.18039	.23889	.35358	.33410	.32382	.30906	.30833	.29408	.37125
2.478	5.856	-.18046	.28003	.35042	.33728	.32060	.31226	.30293	.29016	.32003
2.478	7.842	-.18039	.32491	.34304	.33850	.31610	.31549	.29914	.28637	.27239
2.478	9.843	-.18030	.37210	.33871	.33767	.31310	.31746	.29247	.28258	.22821
2.478	11.855	-.18005	.41986	.33716	.33529	.31227	.31946	.28724	.27964	.19058
2.478	13.855	-.17960	.47053	.33469	.32929	.31191	.32052	.27979	.27786	.15339
2.478	15.906	-.17949	.52756	.33100	.32187	.31101	.31896	.27381	.27553	.11781
2.478	17.895	-.17974	.58075	.32622	.31134	.31053	.31772	.26974	.27364	.09043
2.478	19.957	-.17998	.64327	.31640	.29499	.30850	.31074	.26341	.27231	.05933
	GRADIENT	-.00003	.01726	-.00155	.00055	-.00327	.00021	-.00264	-.00218	-.02860

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (EGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.641	-3.021	-.11936	.11218	.34525	.31703	.32760	.29560	.31136	.29888	.54389
2.641	-2.066	-.11913	.12523	.34361	.31545	.32386	.29337	.30839	.29660	.51457
2.641	-.046	-.11867	.15812	.34138	.31461	.31679	.29107	.30258	.29159	.45666
2.641	1.847	-.11896	.19012	.33668	.31687	.31063	.29265	.29776	.28822	.40168
2.641	3.814	-.11865	.22644	.33481	.32134	.30661	.29566	.29373	.28420	.34740
2.641	5.828	-.11863	.26769	.33010	.32435	.30192	.29863	.28823	.27951	.29863
2.641	7.822	-.11851	.31064	.32633	.32479	.30026	.30187	.28303	.27576	.25365
2.641	9.811	-.11839	.35601	.32076	.32415	.29677	.30328	.27669	.27156	.21519
2.641	11.808	-.11836	.40401	.31926	.32192	.29734	.30388	.27166	.26724	.17601
2.641	13.799	-.11750	.45516	.31730	.31715	.29681	.30402	.26616	.26391	.14257
2.641	15.826	-.11855	.50834	.31469	.31017	.29625	.30141	.26129	.25983	.10912
2.641	17.864	-.11744	.56468	.31032	.30083	.29476	.29983	.25550	.25625	.08249
2.641	19.897	-.11788	.61844	.30330	.28876	.29329	.29421	.25121	.25477	.05514
2.641	20.933	-.11826	.65104	.29989	.28105	.29193	.29080	.24846	.25272	.04053
	GRADIENT	.00009	.01675	-.00158	.00062	-.00312	.00002	-.00260	-.00214	-.02874

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (FGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
1.995	-2.879	-.00043	.21340	.17276	.18122	.17472	.12315	.12628	.09719	.10596
1.995	-1.876	-.00041	.21619	.19557	.18393	.17956	.12640	.12886	.09892	.10628
1.995	.082	-.00060	.21742	.22112	.18736	.18729	.13063	.13376	.09814	.10624
1.995	2.088	-.00062	.21555	.23213	.19275	.19477	.13242	.13697	.09853	.10519
1.995	4.039	-.00052	.21500	.24374	.19508	.19851	.13184	.13568	.09794	.10460
1.995	6.058	-.00021	.21789	.24528	.19514	.19924	.13109	.13426	.09792	.10168
1.995	8.060	-.00002	.22323	.24703	.19400	.20385	.13139	.13169	.09748	.10269
1.995	9.961	.00011	.22522	.24966	.19603	.20442	.13056	.13010	.09520	.10044
1.995	12.018	.00052	.22590	.24678	.19955	.20509	.12902	.12785	.09359	.09960
1.995	14.022	.00116	.22244	.24756	.19973	.20378	.12557	.12580	.09159	.09687
1.995	16.049	-.00033	.22226	.24397	.19888	.20146	.12398	.12433	.08930	.09672
1.995	18.104	.00092	.22089	.24035	.19516	.19864	.11970	.12070	.08994	.09386
1.995	20.166	-.00017	.21731	.23600	.19387	.19794	.12114	.12138	.09004	.09531
1.995	21.172	-.00030	.21603	.23333	.19112	.20024	.12420	.12519	.09533	.09981
	GRADIENT	-.00002	.00009	.00977	.00204	.00350	.00127	.00147	.00004	-.00023

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (FGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.259	-2.911	.28754	.17969	.13523	.15797	.16474	.10423	.11107	.07438	.08714
2.259	-1.920	.28763	.18442	.14239	.15865	.16391	.10311	.11134	.07349	.08544
2.259	.077	.28813	.19063	.17751	.15782	.16590	.10303	.11193	.07201	.08537
2.259	2.013	.28847	.19140	.20226	.15792	.16598	.10453	.11131	.07355	.08616
2.259	3.972	.28892	.19024	.21172	.15741	.16692	.10475	.11226	.07446	.08638
2.259	5.966	.28935	.19008	.21644	.15799	.16890	.10605	.11212	.07794	.08698
2.259	7.924	.28987	.19227	.21937	.16230	.17389	.10744	.11351	.08145	.08693
2.259	9.965	.29014	.19144	.21716	.16576	.17660	.10663	.11272	.08493	.08613
2.259	12.002	.29078	.19103	.21741	.16822	.17619	.10906	.11231	.08526	.08433
2.259	13.929	.29166	.18896	.21602	.16822	.17836	.10979	.11089	.08668	.08151
2.259	15.988	.29002	.19145	.21570	.16580	.17521	.11024	.10995	.08289	08058
2.259	18.014	.29224	.19185	.21753	.16475	.17418	.11622	.10958	.08320	.08018
2.259	20.056	.29103	.19152	.21578	.16730	.17386	.11877	.11212	.08079	.07851
2.259	21.087	.29050	.19236	.21521	.16957	.17470	.11887	.11434	.08088	.07718
	GRADIENT	.00020	.00151	.01201	-.00011	.00038	.00016	.00013	.00004	-.00002

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.478	-2.981	-.18033	.19040	.13679	.16467	.15410	.11352	.10837	.08466	.08790
2.477	-2.006	-.18020	.20000	.13543	.16625	.15854	.11566	.11117	.08593	.08993
2.478	.007	-.17969	.19953	.14396	.16252	.15628	.11373	.11069	.08282	.08820
2.478	1.900	-.18053	.19834	.17039	.16280	.15865	.11400	.11097	.08241	.08778
2.478	3.898	-.18039	.19709	.19246	.16367	.16027	.11354	.11191	.08196	.08805
2.478	5.856	-.18046	.19813	.20343	.16616	.16486	.11389	.11227	.08160	.08912
2.478	7.842	-.18039	.19860	.20810	.16810	.16816	.11224	.11273	.07995	.08818
2.478	9.843	-.18030	.19955	.20837	.17041	.17117	.11013	.11134	.07844	.08601
2.478	11.855	-.18005	.19876	.21112	.17388	.17180	.11079	.11341	.07765	.08596
2.478	13.855	-.17960	.20052	.21217	.17283	.17285	.10970	.11303	.07585	.08416
2.478	15.906	-.17949	.20032	.21271	.16974	.17123	.10951	.11214	.07421	.08255
2.478	17.895	-.17974	.20128	.21292	.16639	.17077	.11047	.11309	.07303	.08209
2.478	19.957	-.17998	.20064	.21442	.16290	.17084	.11053	.11457	.07237	.08073
2.478	20.984	-.18027	.20264	.21431	.16132	.17143	[illegible]	[illegible]	[illegible]	[illegible]
			[illegible]	[illegible]	[illegible]	[illegible]	-.00012	.00036	-.00052	-.00013

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (FGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.641	-3.021	-.11936	.17909	.13966	.15261	.14757	.10624	.10120	.08097	.08032
2.641	-2.066	-.11913	.18270	.13291	.15141	.14636	.10583	.10012	.08064	.07928
2.641	-.046	-.11867	.18520	.13040	.14962	.14601	.10541	.10037	.08158	.07951
2.641	1.847	-.11896	.18532	.14799	.15044	.14681	.10691	.10048	.08380	.08101
2.641	3.814	-.11865	.18547	.17193	.15344	.14837	.10985	.10133	.08466	.08325
2.641	5.828	-.11863	.18495	.18606	.15714	.15064	.11141	.10217	.08551	.08130
2.641	7.822	-.11851	.18616	.19216	.15837	.15326	.11265	.10341	.08324	.08185
2.641	9.811	-.11839	.18822	.19282	.16188	.15810	.11328	.10404	.08174	.08106
2.641	11.808	-.11836	.18885	.19557	.16682	.15806	.11257	.10544	.08033	.08037
2.641	13.799	-.11750	.19109	.19709	.16837	.16029	.11338	.10623	.08044	.07907
2.641	15.826	-.11855	.19190	.19722	.16632	.16038	.11416	.10632	.07908	.07914
2.641	17.864	-.11744	.19673	.19919	.16552	.15962	.11410	.10694	.07831	.07699
2.641	19.897	-.11788	.20015	.20193	.16262	.16164	.11752	.10827	.07681	.07690
2.641	20.933	-.11826	.20230	.20271	.16341	.16309	.11688	.11043	.07617	.07626
	GRADIENT	.00009	.00082	.00480	.00008	.00014	.00050	.00005	.00061	.00046

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (GGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
1.995	-2.879	-.00043	.33946	.35940
1.995	-1.876	-.00041	.34263	.36917
1.995	.082	-.00060	.34582	.38655
1.995	2.088	-.00062	.35602	.40386
1.995	4.039	-.00052	.36769	.41982
1.995	6.058	-.00021	.38145	.43369
1.995	8.060	-.00002	.39255	.44764
1.995	9.961	.00011	.40164	.46233
1.995	12.018	.00052	.41249	.47250
1.995	14.022	.00116	.42049	.48324
1.995	16.049	-.00033	.42743	.48972
1.995	18.104	.00092	.43189	.49760
1.995	20.166	-.00017	.43047	.50326
1.995	21.172	-.00030	.42550	.50122
	GRADIENT	-.00002	.00397	.00872

0A234 LERC 10SWT 42 LHFN.IS RHA .2P/S (GGY007) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.259	-2.911	.28754	.29859	.33352
2.259	-1.920	.28763	.30036	.34216
2.259	.077	.28813	.30718	.36298
2.259	2.013	.28847	.32136	.38136
2.259	3.972	.28892	.33366	.39796
2.259	5.966	.28935	.34543	.41031
2.259	7.924	.28987	.35841	.42335
2.259	9.965	.29014	.36672	.43170
2.259	12.002	.29078	.37405	.43893
2.259	13.929	.29166	.37841	.44465
2.259	15.988	.29002	.38353	.44695
2.259	18.014	.29224	.38481	.44899
2.259	20.056	.29103	.38083	.44709
2.259	21.087	.29050	.37963	.44592
	GRADIENT	.00020	.00523	.00950

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.473	-2.981	-.18033	.31354	.32512
2.477	-2.006	-.18020	.31794	.33379
2.478	.007	-.17969	.32151	.34643
2.478	1.900	-.18053	.33089	.36215
2.478	3.898	-.18039	.34223	.37549
2.478	5.856	-.18046	.35458	.38717
2.478	7.842	-.18039	.36352	.39886
2.478	9.843	-.18030	.37271	.40813
2.478	11.855	-.18005	.38038	.41435
2.478	13.855	-.17960	.38783	.42109
2.478	15.906	-.17949	.39260	.42379
2.478	17.895	-.17974	.39566	.42749
2.478	19.957	-.17998	.39435	.42831
2.478	20.984	-.18027	.39272	.42745
	GRADIENT			

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (GGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.641	-3.021	-.11936	.29748	.30958
2.641	-2.066	-.11913	.29940	.31710
2.641	-.046	-.11867	.30489	.32950
2.641	1.847	-.11896	.31553	.34367
2.641	3.814	-.11865	.32761	.35719
2.641	5.828	-.11863	.33764	.36925
2.641	7.822	-.11851	.34927	.37875
2.641	9.811	-.11839	.35630	.38648
2.641	11.808	-.11836	.36523	.39194
2.641	13.799	-.11750	.37173	.39628
2.641	15.826	-.11855	.37609	.39791
2.641	17.864	-.11744	.37809	.39978
2.641	19.897	-.11788	.37803	.39838
2.641	20.933	-.11826	.37736	.39707
	GRADIENT	.00009	.00441	.00692

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.863	-.00081	497.78516	2.40052	176.23209	1397.85620	1.65878	557.98145	.00000
2.009	-1.864	-.00122	497.87183	2.40052	176.27025	1398.06567	1.65878	558.69653	.00000
2.009	.086	-.00167	497.76318	2.40052	176.23929	1397.72827	1.65877	559.24683	.00000
2.009	2.088	-.00161	498.00171	2.40052	176.32748	1398.38086	1.65876	559.74170	.00000
2.009	4.119	-.00109	497.99097	2.40052	176.32816	1398.32861	1.65876	560.12671	.00000
2.009	6.129	-.00118	497.88721	2.40052	176.29698	1398.01538	1.65876	560.51172	.00000
2.009	8.112	-.00095	497.84790	2.40052	176.39131	1397.86597	1.65875	561.17139	.00000
2.009	10.065	-.00061	498.16797	2.40052	176.40411	1398.76831	1.65875	561.39111	.00000
2.009	12.103	-.00038	497.93359	2.40052	176.33054	1398.06934	1.65874	561.99585	.00000
2.008	14.160	.00003	497.90698	2.40052	176.32675	1397.96729	1.65873	562.43530	.00000
2.008	16.122	.00083	497.93433	2.40052	176.33809	1398.03540	1.65873	562.60010	.00000
2.008	18.211	.00017	498.07959	2.40052	176.39275	1398.43042	1.65873	562.98462	.00000
2.008	20.216	-.00167	498.14990	2.40052	176.42152	1398.61157	1.65873	563.36890	.00000
2.008	21.289	-.00161	497.80542	2.40052	176.30598	1397.61304	1.65872	563.64355	.00000
	GRADIENT	-.00004	.03026	-.00000	.01385	.07080	-.00000	.29048	.00000

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.883	.28551	502.88599	2.46528	138.74706	1669.63696	1.69673	569.73242	.00000
2.275	-1.880	.28584	503.08154	2.46528	138.80492	1670.24927	1.69673	570.28027	.00000
2.275	-.025	.28601	502.71167	2.46528	138.70824	1668.96997	1.69672	570.49927	.00000
2.275	2.052	.28648	502.82886	2.46528	138.74290	1669.33667	1.69672	570.82788	.00000
2.275	3.932	.28727	502.76489	2.46528	138.72749	1669.10229	1.69671	570.99219	.00000
2.275	5.994	.28781	502.99146	2.46528	138.79149	1669.84106	1.69671	571.32104	.00000
2.275	7.992	.28826	502.83667	2.46528	138.74947	1669.32104	1.69671	571.26611	.00000
2.275	9.965	.28862	502.88647	2.46528	138.76830	1669.43750	1.69670	571.81372	.00000
2.275	12.063	.28959	503.04834	2.46528	138.81613	1669.94482	1.69671	572.25171	.00000
2.275	14.067	.29070	502.97314	2.46528	138.79817	1669.67114	1.69670	572.47070	.00000
2.275	16.136	.29117	503.13086	2.46528	138.84325	1670.18115	1.69670	572.74438	.00000
2.275	18.068	.29151	502.77588	2.46528	138.75157	1668.94312	1.69670	573.07300	.00000
2.275	20.151	.28947	502.88232	2.46528	138.78348	1669.27295	1.69669	573.40112	.00000
2.275	21.149	.28909	502.87891	2.46528	138.78430	1669.24463	1.69669	573.56519	.00000
	GRADIENT	.00024	-.02943	-.00000	-.00615	-.11655	-.00000	.16886	.00000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.012	-.17972	500.11035	2.55996	114.73987	1946.22729	1.70585	570.77319	.00000
2.495	-1.994	-.17974	500.03052	2.55996	114.72356	1945.88403	1.70613	570.99219	.00000
2.495	-.182	-.17988	500.00513	2.55996	114.72031	1945.74487	1.70621	571.32080	.00000
2.495	1.884	-.18039	499.81299	2.55996	114.67850	1944.96045	1.70687	571.48486	.00000
2.495	3.910	-.18015	500.47070	2.55996	114.82947	1947.51929	1.70463	572.03271	.00000
2.495	5.904	-.18060	500.92261	2.55996	114.93375	1949.26685	1.70309	572.47070	.00000
2.495	7.902	-.18067	500.59302	2.55996	114.86237	1947.91602	1.70421	572.79883	.00000
2.495	9.843	-.18082	500.48853	2.55996	114.84247	1947.44360	1.70457	573.29150	.00000
2.495	11.855	-.18022	500.38843	2.55996	114.82129	1947.02661	1.70491	573.45557	.00000
2.495	13.920	-.18027	500.48706	2.55996	114.84650	1947.37329	1.70457	573.89355	.00000
2.495	15.902	-.18025	500.51025	2.55996	114.86906	1947.18457	1.70449	576.30005	.00000
2.495	17.957	-.18041	500.53491	2.55996	114.86319	1947.46704	1.70441	574.71411	.00000
2.495	20.019	-.18117	500.65186	2.55996	114.89041	1947.91455	1.70401	574.87842	.00000
2.495	21.042	-.18137	500.42603	2.55996	114.84116	1946.99536	1.70478	575.04248	.00000
	GRADIENT	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.061	-.11886	434.31738	2.27820	87.58469	1922.09888	1.73382	573.18188	.00000
2.662	-2.034	-.11880	434.54492	2.27820	87.63225	1923.06567	1.73381	573.45532	.00000
2.662	-.104	-.11885	434.50146	2.27820	87.62607	1922.81616	1.73380	573.51025	.00000
2.661	1.847	-.11891	434.46509	2.27820	87.62257	1922.56543	1.73381	573.61963	.00000
2.662	3.834	-.11848	434.46680	2.27820	87.61995	1922.64160	1.73381	573.51001	.00000
2.661	5.812	-.11846	434.30737	2.27820	87.60197	1921.60767	1.73379	573.89331	.00000
2.661	7.830	-.11835	434.29883	2.27820	87.60191	1921.53467	1.73379	573.94800	.00000
2.661	9.823	-.11825	434.41724	2.27820	87.63304	1921.88770	1.73378	574.33130	.00000
2.661	11.836	-.11812	434.38501	2.27820	87.62160	1921.86035	1.73379	574.11230	.00000
2.661	13.860	-.11725	434.65479	2.27820	87.67665	1923.04224	1.73378	574.38574	.00000
2.661	15.863	-.11712	434.56860	2.27820	87.65996	1922.64307	1.73379	574.33105	.00000
2.661	17.889	-.11706	434.72412	2.27820	87.69617	1923.21899	1.73378	574.65918	.00000
2.661	19.914	-.11770	434.26123	2.27820	87.62297	1920.70679	1.73376	574.98755	.00000
2.661	20.995	-.11827	434.80737	2.27820	87.71092	1923.63232	1.73378	574.65918	.00000
	GRADIENT	.00004	.00935	.00000	.00280	.02032	-.00000	.04257	.00000

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (DGY008) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.009	-2.863	-.00081	1.64101	.21568	.41252	.42852	.43298	.43760	.45703	.47169	.58895
2.009	-1.864	-.00122	1.64773	.23564	.41875	.43493	.43456	.43820	.45394	.46847	.56266
2.009	.086	-.00167	1.65017	.27809	.42851	.44622	.43525	.43932	.44838	.46352	.50590
2.009	2.088	-.00161	1.65479	.32188	.43624	.45598	.43499	.43969	.44173	.45673	.45266
2.009	4.119	-.00109	1.64908	.36899	.44713	.46351	.43812	.43979	.43632	.44942	.40133
2.009	6.129	-.00118	1.63397	.42052	.45308	.47097	.43878	.43968	.42953	.44443	.35020
2.009	8.112	-.00095	1.61593	.47278	.45815	.47625	.43844	.43871	.42143	.43714	.30260
2.009	10.065	-.00061	1.59443	.52585	.46147	.47892	.43811	.43598	.41462	.42898	.25668
2.009	12.103	-.00038	1.56892	.58228	.46267	.48109	.43580	.43458	.40684	.42188	.21376
2.008	14.160	.00003	1.53866	.64315	.46254	.48194	.43285	.43315	.39859	.41763	.17599
2.008	16.122	.00083	1.50126	.69891	.46146	.47956	.42959	.42878	.39234	.40959	.14078
2.008	18.211	.00017	1.45805	.76119	.45913	.47593	.42475	.42241	.38443	.40171	.10709
2.008	20.216	-.00167	1.41513	.82537	.45552	.47609	.42189	.42010	.38074	.39755	.08066
2.008	21.289	-.00161	1.39419	.86154	.45271	.47374	.42002	.41684	.37703	.39349	.06897
	GRADIENT	-.00004	.00114	.02197	.00482	.00504	.00059	.00032	-.00299	-.00315	-.02706

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (DGY008) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.275	-2.883	.28551	1.67425	.20137	.38492	.40905	.40244	.41744	.42573	.44855	.56207
2.275	-1.880	.28584	1.67616	.22004	.39108	.41632	.40417	.41889	.42358	.44594	.53355
2.275	-.025	.28601	1.67494	.25777	.40106	.42809	.40620	.42289	.41868	.44370	.48195
2.275	2.052	.28648	1.66771	.30205	.40939	.44238	.40640	.42778	.41076	.44173	.42479
2.275	3.932	.28727	1.66059	.34483	.41771	.45361	.40909	.43183	.40744	.44098	.37747
2.275	5.994	.28781	1.64912	.39410	.42592	.46094	.41220	.43191	.40284	.43503	.32712
2.275	7.992	.28826	1.63089	.44554	.43251	.46848	.41409	.43251	.39753	.43046	.28447
2.275	9.965	.28862	1.60978	.49851	.43561	.47233	.41152	.43047	.38899	.42272	.24392
2.275	12.063	.28959	1.58160	.55589	.43823	.47357	.40951	.42625	.38257	.41382	.20425
2.275	14.067	.29070	1.55341	.61573	.43829	.47253	.40612	.42117	.37425	.40397	.17010
2.275	16.136	.29117	1.51991	.67762	.43489	.46880	.40056	.41393	.36625	.39367	.13425
2.275	18.068	.29151	1.48655	.73691	.43013	.46311	.39565	.40744	.35837	.38487	.10360
2.275	20.151	.28947	1.44207	.80018	.42218	.45507	.38808	.39821	.34780	.37472	.07218
2.275	21.149	.28909	1.41977	.83108	.41655	.45030	.38336	.39216	.34348	.36827	.05764
	GRADIENT	.00024	-.00213	.02106	.00474	.00655	.00087	.00216	-.00283	-.00107	-.02718

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-3.012	-.17972	1.70786	.20955	.40225	.40642	.41970	.41559	.44254	.44571	.56793
2.495	-1.994	-.17974	1.71090	.22561	.40742	.41175	.42023	.41603	.43929	.44279	.53787
2.495	-.182	-.17988	1.71297	.26217	.41618	.42163	.42238	.41704	.43497	.43800	.49065
2.495	1.884	-.18039	1.71570	.30627	.42499	.43208	.42396	.41810	.42778	.43351	.43575
2.495	3.910	-.18015	1.70836	.35551	.43412	.44128	.42573	.41950	.42280	.42833	.38123
2.495	5.904	-.18060	1.69296	.40052	.44039	.44788	.42564	.41890	.41611	.42087	.33640
2.495	7.902	-.18067	1.67880	.45217	.44532	.45203	.42488	.41694	.40821	.41405	.29181
2.495	9.843	-.18082	1.65804	.50220	.44818	.45696	.42334	.41634	.40065	.40859	.25070
2.495	11.855	-.18022	1.63191	.55783	.45054	.45682	.42094	.41138	.39363	.39926	.21091
2.495	13.920	-.18027	1.59975	.61439	.45028	.46008	.41695	.40985	.38574	.39355	.17595
2.495	15.902	-.18025	1.56863	.67046	.44762	.45769	.41246	.40418	.37820	.38472	.14101
2.495	17.957	-.18041	1.52532	.73355	.44368	.45470	.40806	.39852	.36960	.37640	.10863
2.495	20.019	-.18117	1.47652	.79836	.43819	.44930	.40210	.39132	.36121	.36785	.07959
2.495	21.042	-.18137	1.45113	.82910	.43455	.44593	.39810	.38705	.35677	.36327	.06400
	GRADIENT	.00009	.00024	.02115	.00457	.00507	.00089	.00056	-.00288	-.00248	-.02680

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (DGY008) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.662	-3.061	-.11886	1.70485	.20269	.38803	.39494	.40594	.40438	.42762	.43295	.55156
2.662	-2.034	-.11880	1.71224	.21844	.39466	.40058	.40856	.40655	.42582	.43255	.52049
2.662	-.104	-.11885	1.71326	.25570	.40424	.41164	.41030	.40771	.42153	.42830	.46815
2.661	1.847	-.11891	1.71153	.29649	.41347	.42375	.41205	.41149	.41534	.42605	.41793
2.662	3.834	-.11848	1.70109	.34263	.41944	.42978	.41114	.40904	.40752	.41614	.37089
2.661	5.812	-.11846	1.68951	.38896	.42671	.43713	.41197	.40936	.40148	.41147	.32562
2.661	7.830	-.11835	1.67115	.43754	.43074	.44257	.41054	.40745	.39405	.40354	.28308
2.661	9.823	-.11825	1.65191	.49004	.43234	.44366	.40709	.40410	.38575	.39509	.24260
2.661	11.836	-.11812	1.62406	.54413	.43495	.44719	.40521	.40075	.37888	.38821	.20404
2.661	13.860	-.11725	1.59628	.60064	.43364	.44546	.40092	.39650	.37025	.37993	.17118
2.661	15.863	-.11712	1.56283	.65723	.43154	.44435	.39600	.39142	.36271	.37050	.13934
2.661	17.889	-.11706	1.52132	.71668	.42747	.44077	.39177	.38439	.35470	.36177	.10909
2.661	19.914	-.11770	1.47942	.77946	.42307	.43349	.38635	.37598	.34683	.35232	.08160
2.661	20.995	-.11827	1.45234	.80685	.41702	.42983	.37979	.37048	.34081	.34679	.06553
	GRADIENT	.00004	-.00063	.02036	.00450	.00533	.00075	.00078	-.00290	-.00232	-.02616

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (EGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.009	-2.863	-.00081	.12016	.38489	.36118	.37145	.33480	.34377	.32822	.64886
2.009	-1.864	-.00122	.13974	.38657	.36278	.37252	.33735	.34276	.32801	.62110
2.009	.086	-.00167	.17479	.38662	.36214	.36843	.33696	.33820	.32174	.56889
2.009	2.088	-.00161	.21300	.37827	.36366	.36060	.33856	.33145	.31738	.51643
2.009	4.119	-.00109	.25366	.36553	.36420	.35942	.34093	.32983	.31405	.46179
2.009	6.129	-.00118	.29626	.35097	.36398	.35928	.34622	.32786	.31174	.40924
2.009	8.112	-.00095	.34406	.33337	.36147	.35575	.35064	.32579	.31038	.35280
2.009	10.065	-.00061	.39203	.31841	.35681	.34698	.35508	.32593	.31155	.27699
2.009	12.103	-.00038	.44450	.31404	.34573	.33562	.35461	.32483	.31142	.22687
2.008	14.160	.00003	.50111	.31008	.33191	.31990	.35326	.32363	.31472	.18619
2.008	16.122	.00083	.55694	.30167	.30775	.30327	.34041	.31515	.31537	.14887
2.008	18.211	.00017	.61978	.29856	.27814	.28979	.33136	.30077	.31614	.11738
2.008	20.216	-.00167	.68279	.29663	.25574	.27844	.31647	.28229	.31428	.09352
2.008	21.289	-.00161	.71845	.29373	.25199	.27423	.30409	.26985	.30750	.07928
	GRADIENT	-.00004	.01900	-.00275	.00038	-.00205	.00074	-.00220	-.00219	-.02671

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (EGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.275	-2.883	.28551	.10932	.35049	.33776	.34170	.31288	.31318	.31389	.61557
2.275	-1.880	.28584	.12503	.35095	.34082	.33761	.31592	.31064	.31494	.58597
2.275	-.025	.28601	.15710	.35028	.34668	.33301	.32164	.30698	.31503	.53029
2.275	2.052	.28648	.19500	.34794	.35079	.32939	.32529	.30507	.31313	.46845
2.275	3.932	.28727	.23175	.34503	.35389	.32782	.32878	.30341	.31027	.41036
2.275	5.994	.28781	.27425	.33748	.35618	.32584	.33278	.29927	.30531	.33791
2.275	7.992	.28826	.32097	.32658	.35590	.32640	.33556	.29465	.30073	.28898
2.275	9.965	.28862	.36799	.31464	.35290	.32735	.33729	.29253	.29655	.24671
2.275	12.063	.28959	.42158	.29630	.34702	.32273	.33730	.28751	.29279	.20064
2.275	14.067	.29070	.47417	.27684	.33803	.31424	.33580	.28283	.28900	.16023
2.275	16.136	.29117	.53229	.26799	.32514	.30146	.33079	.27900	.28563	.12618
2.275	18.068	.29151	.58943	.26775	.31156	.28718	.32545	.27531	.28333	.09468
2.275	20.151	.28947	.65066	.26448	.28545	.26942	.31490	.27035	.28012	.06370
2.275	21.149	.28909	.68075	.25462	.26735	.25912	.30887	.26606	.27794	.05047
	GRADIENT	.00024	.01798	-.00082	.00238	-.00200	.00232	-.00140	-.00055	-.03001

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-3.012	-.17972	.11865	.36773	.33161	.35965	.30797	.32944	.31318	.61285
2.495	-1.994	-.17974	.13380	.36485	.33035	.35318	.30591	.32558	.31056	.58519
2.495	-.192	-.17988	.16174	.36357	.33124	.34558	.30594	.32125	.30512	.52789
2.495	1.884	-.18039	.19886	.35808	.33407	.33800	.30732	.31669	.30139	.46822
2.495	3.910	-.18015	.24141	.35363	.33730	.33351	.31025	.31258	.29653	.40046
2.495	5.904	-.18060	.28176	.34872	.34072	.33211	.31524	.30778	.29344	.33413
2.495	7.902	-.18067	.32560	.34118	.34078	.33222	.31799	.30217	.28751	.28620
2.495	9.843	-.18082	.37087	.33274	.33920	.33244	.32028	.29840	.28425	.24292
2.495	11.855	-.18022	.41921	.32013	.33768	.33266	.32271	.29385	.28103	.19636
2.495	13.920	-.18027	.47371	.30282	.33414	.32902	.32387	.28945	.28043	.15762
2.495	15.902	-.18025	.52509	.28327	.33094	.32204	.32322	.28625	.27775	.12221
2.495	17.957	-.18041	.58391	.27120	.32261	.31034	.31976	.28442	.27550	.09205
2.495	20.019	-.18117	.64626	.27141	.30800	.29629	.31609	.28197	.27479	.06565
2.495	21.042	-.18137	.67672	.26635	.29812	.28570	.31190	.27816	.27237	.05066
	GRADIENT	-.00009	.01763	-.00198	.00090	-.00375	.00039	-.00238	-.00238	-.03063

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (EGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.662	-3.061	-.11886	.11445	.35336	.32139	.34591	.29990	.31538	.30230	.58854
2.662	-2.034	-.11880	.12826	.35258	.31905	.34166	.29567	.31455	.30054	.52976
2.662	-.104	-.11885	.15901	.35027	.31977	.33390	.29534	.30976	.29625	.46954
2.661	1.847	-.11891	.19033	.34506	.32252	.32528	.29706	.30550	.29406	.41682
2.662	3.834	-.11848	.23102	.33873	.32512	.31888	.29915	.29910	.28768	.36298
2.661	5.812	-.11846	.26935	.33464	.32842	.31620	.30246	.29438	.28350	.31186
2.661	7.830	-.11835	.31649	.33069	.33000	.31727	.30644	.28896	.27961	.26239
2.661	9.823	-.11825	.35709	.32241	.32907	.31641	.30756	.28354	.27530	.22047
2.661	11.836	-.11812	.41071	.31405	.32768	.31701	.30910	.27913	.27143	.18142
2.661	13.860	-.11725	.45538	.30050	.32293	.31380	.30841	.27390	.26774	.14716
2.661	15.863	-.11712	.50796	.28404	.31596	.31020	.30729	.26991	.26315	.11536
2.661	17.889	-.11706	.56507	.26616	.30726	.30170	.30375	.26824	.26060	.08565
2.661	19.914	-.11770	.62527	.26117	.30225	.29272	.29979	.26519	.25852	.05869
2.661	20.995	-.11827	.65686	.26069	.29178	.28385	.29531	.26276	.25513	.04513
	GRADIENT	.00004	.01679	-.00212	.00067	-.00398	.00007	-.00238	-.00203	-.03149

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (FGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.009	-2.863	-.00081	.17908	.17460	.17731	.17259	.12202	.12755	.09921	.10862
2.009	-1.864	-.00122	.19018	.19402	.17985	.17592	.12321	.13057	.10004	.11025
2.009	.086	-.00167	.20374	.21392	.18568	.18559	.12897	.13579	.10061	.11082
2.009	2.088	-.00161	.20934	.22418	.19033	.19421	.13501	.14133	.10050	.10995
2.009	4.119	-.00109	.21598	.23088	.19529	.19783	.13346	.14113	.10026	.10754
2.009	6.129	-.00118	.22141	.23746	.19939	.20412	.13325	.14124	.10129	.10732
2.009	8.112	-.00095	.22397	.24404	.19906	.20842	.13325	.13876	.10053	.10603
2.009	10.065	-.00061	.22817	.24809	.20012	.21002	.13227	.13595	.09901	.10419
2.009	12.103	-.00038	.22975	.24845	.20110	.21247	.13080	.13238	.09597	.10402
2.008	14.160	.00003	.22958	.25051	.20384	.21315	.13061	.13009	.09480	.10122
2.008	16.122	.00083	.22764	.24944	.20276	.20906	.12695	.12773	.09198	.09886
2.008	18.211	.00017	.22630	.24636	.20192	.20513	.12350	.12471	.08987	.09672
2.008	20.216	-.00167	.22532	.24100	.19477	.20330	.12470	.12500	.09061	.09534
2.008	21.289	-.00161	.22323	.23849	.19315	.20206	.12558	.12717	.09195	.09533
	GRADIENT	-.00004	.00506	.00772	.00259	.00382	.00192	.00208	.00013	-.00018

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (FGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.275	-2.883	.28551	.13977	.14066	.15730	.16587	.10298	.11588	.07602	.08929
2.275	-1.880	.28584	.14855	.15276	.15829	.16608	.10321	.11561	.07576	.08781
2.275	-.025	.28601	.17038	.18829	.16013	.16953	.10405	.11606	.07493	.08779
2.275	2.052	.28648	.18181	.20909	.15872	.16983	.10567	.11554	.07399	.08771
2.275	3.932	.28727	.18658	.21253	.15873	.17075	.10698	.11554	.07569	.08730
2.275	5.994	.28781	.19154	.21618	.16116	.17315	.10643	.11455	.07732	.08762
2.275	7.992	.28826	.19292	.21677	.16340	.17495	.10521	.11380	.07867	.08682
2.275	9.965	.28862	.19472	.21809	.16518	.17633	.10574	.11343	.08003	.08606
2.275	12.063	.28959	.19784	.21943	.16708	.17859	.10545	.11396	.08065	.08449
2.275	14.067	.29070	.19790	.21747	.16801	.18036	.10765	.11325	.08461	.08456
2.275	16.136	.29117	.19754	.21716	.16722	.17830	.10859	.11352	.08427	.08336
2.275	18.068	.29151	.19603	.21817	.16736	.17677	.11430	.11220	.08392	.08178
2.275	20.151	.28947	.19497	.21663	.16716	.17657	.11796	.11453	.08331	.08031
2.275	21.149	.28909	.19538	.21618	.16719	.17570	.11881	.11666	.08205	.07989
	GRADIENT	.00024	.00712	.01124	.00016	.00076	.00060	-.00004	-.00013	-.00021

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-3.012	-.17972	.14795	.13949	.16433	.15484	.11353	.11112	.08688	.09073
2.495	-1.994	-.17974	.14785	.13601	.16427	.15560	.11341	.11149	.08721	.09060
2.495	-.182	-.17988	.16522	.14771	.16478	.15791	.11357	.11288	.08645	.08947
2.495	1.884	-.18039	.18470	.18388	.16361	.16015	.11537	.11465	.08566	.08953
2.495	3.910	-.18015	.19163	.19901	.16627	.16411	.11768	.11569	.08541	.09016
2.495	5.904	-.18060	.19720	.20324	.16762	.16927	.11557	.11528	.08507	.08979
2.495	7.902	-.18067	.20108	.20674	.17192	.17228	.11423	.11483	.08324	.08887
2.495	9.843	-.18082	.20294	.21113	.17243	.17455	.11346	.11488	.08197	.08807
2.495	11.855	-.18022	.20618	.21355	.17353	.17607	.11197	.11601	.07960	.08616
2.495	13.920	-.18027	.20734	.21561	.17393	.17595	.11232	.11596	.07872	.08738
2.495	15.902	-.18025	.20723	.21497	.17204	.17455	.11177	.11577	.07638	.08511
2.495	17.957	-.18041	.20669	.21621	.17149	.17357	.11164	.11525	.07538	.08240
2.495	20.019	-.18117	.20729	.21728	.16993	.17461	.11356	.11762	.07472	.08260
2.495	21.042	-.18137	.20613	.21564	.16826	.17343	.11278	.11640	.07380	.08139
	GRADIENT	.00003	.00707	.00569	.00015	.00132	.00060	.00070	-.00028	-.00011

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (FGY008) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.662	-3.061	-.11886	.14424	.14449	.15357	.14870	.10509	.10391	.08084	.08279
2.662	-2.034	-.11880	.13807	.13636	.15332	.14798	.10439	.10272	.08013	.08111
2.662	-.104	-.11885	.14467	.13305	.15200	.14913	.10603	.10435	.08080	.08176
2.661	1.847	-.11891	.16574	.15505	.15074	.14890	.10678	.10360	.08355	.08300
2.662	3.834	-.11848	.17871	.18189	.15336	.15245	.11085	.10521	.08668	.08360
2.661	5.812	-.11846	.18539	.19206	.15761	.15665	.11205	.10594	.08789	.08480
2.661	7.830	-.11835	.18993	.19557	.16071	.15822	.11313	.10650	.08699	.08341
2.661	9.823	-.11825	.19059	.19573	.16385	.16136	.11529	.10717	.08564	.08259
2.661	11.836	-.11812	.19463	.19874	.16692	.16192	.11436	.10869	.08369	.08116
2.661	13.860	-.11725	.19643	.20008	.16927	.16325	.11621	.11007	.08307	.08105
2.661	15.863	-.11712	.19827	.20093	.16922	.16311	.11705	.11091	.08197	.08040
2.661	17.889	-.11706	.19970	.20186	.17061	.16405	.11751	.11087	.08191	.07889
2.661	19.914	-.11770	.20401	.20472	.17096	.16634	.11976	.11215	.08116	.07912
2.661	20.995	-.11827	.20414	.20630	.17014	.16652	.11949	.11384	.08043	.07841
	GRADIENT	.00004	.00568	.00563	-.00015	.00050	.00082	.00021	.00089	.00023

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (GGY008) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.009	-2.863	-.00081	.48733	.35898
2.009	-1.864	-.00122	.49438	.36886
2.009	.086	-.00167	.50201	.38533
2.009	2.088	-.00161	.51058	.40331
2.009	4.119	-.00109	.51757	.41689
2.009	6.129	-.00118	.52267	.43082
2.009	8.112	-.00095	.52816	.44344
2.009	10.065	-.00061	.53191	.45605
2.009	12.103	-.00038	.53787	.46771
2.008	14.160	.00003	.54425	.47978
2.008	16.122	.00083	.54878	.48691
2.008	18.211	.00017	.55245	.49319
2.008	20.216	-.00167	.55703	.50284
2.008	21.289	-.00161	.55818	.50655
	GRADIENT	-.00004	.00423	.00835

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (GGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.275	-2.883	.28551	.45723	.33382
2.275	-1.880	.28584	.47279	.34412
2.275	-.025	.28601	.49437	.36439
2.275	2.052	.28648	.51634	.38512
2.275	3.932	.28727	.53329	.39932
2.275	5.994	.28781	.54655	.41352
2.275	7.992	.28826	.55618	.42574
2.275	9.965	.28862	.56441	.43558
2.275	12.063	.28959	.56957	.44366
2.275	14.067	.29070	.57390	.44860
2.275	16.136	.29117	.57690	.45171
2.275	18.068	.29151	.57994	.45414
2.275	20.151	.28947	.58009	.45465
2.275	21.149	.28909	.57999	.45286
	GRADIENT	.00024	.01105	.00976

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-3.012	-.17972	.44657	.32689
2.495	-1.994	-.17974	.46210	.33388
2.495	-.182	-.17988	.48678	.34809
2.495	1.884	-.18039	.51026	.36410
2.495	3.910	-.18015	.53518	.37855
2.495	5.904	-.18060	.54996	.39164
2.495	7.902	-.18067	.56616	.40262
2.495	9.843	-.18082	.57684	.41097
2.495	11.855	-.18022	.58564	.41985
2.495	13.920	-.18027	.59176	.42656
2.495	15.902	-.18025	.59644	.43191
2.495	20.019	-.18117	.59990	.43555
2.495	21.042	-.18137	.60019	.43654
	GRADIENT	-.00009	.01265	.00754

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (GGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.662	-3.061	-.11886	.39150	.31376
2.662	-2.034	-.11880	.40506	.31942
2.662	-.104	-.11885	.43347	.33394
2.661	1.847	-.11891	.45856	.34803
2.662	3.834	-.11848	.48086	.36248
2.661	5.812	-.11846	.50005	.37424
2.661	7.830	-.11835	.51795	.38564
2.661	9.823	-.11825	.52944	.39268
2.661	11.836	-.11812	.54199	.40016
2.661	13.860	-.11725	.54854	.40390
2.661	15.863	-.11712	.55487	.40773
2.661	17.889	-.11706	.55870	.40911
2.661	19.914	-.11770	.56135	.40724
2.661	20.995	-.11827	.55762	.40609
	GRADIENT	.00004	.01311	.00716

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.895	-.00045	497.97241	2.41408	176.28497	1398.44092	1.65880	556.99023	.00000
2.009	-1.833	-.00093	497.83960	2.41408	176.24364	1398.04370	1.65880	557.37598	.00000
2.009	.136	-.00134	497.87549	2.41408	176.26054	1398.12622	1.65879	557.76123	.00000
2.009	2.127	-.00130	497.82886	2.41408	176.24567	1397.98633	1.65878	557.87134	.00000
2.009	3.045	-.00191	497.83252	2.41408	176.22209	1398.10742	1.65881	555.72363	.00000
2.009	4.099	-.00078	497.63208	2.41408	176.18575	1397.39014	1.65877	558.53174	.00000
2.009	5.998	-.00080	497.81934	2.41408	176.25221	1397.91602	1.65877	558.69678	.00000
2.009	8.088	-.00064	497.80640	2.41408	176.25232	1397.85937	1.65877	559.08179	.00000
2.009	9.961	-.00039	497.81274	2.41408	176.25774	1397.86133	1.65877	559.35693	.00000
2.009	12.038	.00004	497.71729	2.41408	176.23056	1397.56323	1.65876	559.85181	.00000
2.009	14.038	.00030	497.78857	2.41408	176.25787	1397.75537	1.65876	560.07178	.00000
2.009	16.176	.00073	497.60498	2.41408	176.19788	1397.21826	1.65876	560.34668	.00000
2.009	18.054	.00037	497.65796	2.41408	176.21794	1397.35889	1.65875	560.51172	.00000
2.009	20.174	-.00141	497.74292	2.41408	176.25125	1397.58472	1.65875	560.84155	.00000
2.009	21.148	-.00144	497.95166	2.41408	176.32443	1398.17285	1.65875	560.95142	.00000
	GRADIENT	-.00010	-.03179	.00000	-.01036	-.09340	-.00000	.04989	.00000

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.883	.28568	502.17578	2.48674	138.52126	1667.55957	1.69676	566.22314	.00000
2.276	-1.940	.28574	502.22656	2.48674	138.53651	1667.71582	1.69676	566.38770	.00000
2.276	-.021	.28612	502.13574	2.48674	138.51331	1667.39453	1.69675	566.49731	.00000
2.276	2.021	.28660	502.03589	2.48674	138.49274	1666.99854	1.69675	567.10083	.00000
2.276	4.245	.28798	502.19580	2.48674	138.53389	1667.55859	1.69676	566.93604	.00000
2.276	5.986	.28811	502.15015	2.48674	138.52763	1667.34692	1.69675	567.53931	.00000
2.276	7.980	.28874	502.20410	2.48674	138.54323	1667.51782	1.69675	567.64893	.00000
2.276	9.949	.28907	502.37939	2.48674	138.59125	1668.10425	1.69675	567.75879	.00000
2.276	12.059	.29015	502.73730	2.48674	138.68988	1669.29248	1.69675	568.03271	.00000
2.276	13.973	.29132	502.12524	2.48674	138.52820	1667.19458	1.69674	568.25195	.00000
2.276	16.033	.29177	502.43457	2.48674	138.61273	1668.22876	1.69674	568.41650	.00000
2.276	18.092	.28932	502.06641	2.48674	138.51640	1666.95703	1.69673	568.63574	.00000
2.275	20.072	.29030	501.94971	2.48674	138.48744	1666.54028	1.69673	568.85522	.00000
2.276	21.166	.28987	502.21582	2.48674	138.55864	1667.44263	1.69673	568.85498	.00000
	GRADIENT	.00031	-.00783	.00000	-.00092	-.03776	-.00000	.11541	.00000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.945	-.17955	500.09985	2.56521	114.73639	1946.20312	1.70328	570.60840	.00000
2.495	-1.899	-.17945	500.25806	2.56521	114.77408	1946.79687	1.70274	570.93701	.00000
2.495	-.044	-.17993	500.19067	2.56521	114.75975	1946.51538	1.70297	571.04639	.00000
2.495	1.907	-.18018	500.23828	2.56521	114.77040	1946.70483	1.70281	571.04639	.00000
2.495	3.977	-.17993	500.39014	2.56521	114.80359	1947.32202	1.70229	570.93677	.00000
2.495	5.888	-.18037	500.16748	2.56521	114.75696	1946.38403	1.70305	571.37500	.00000
2.495	7.962	-.18045	500.06079	2.56521	114.73782	1945.88623	1.70341	572.03223	.00000
2.495	9.883	-.18071	500.04419	2.56521	114.73602	1945.78564	1.70347	572.30615	.00000
2.495	11.900	-.18005	500.30859	2.56521	114.79324	1946.87329	1.70257	572.03223	.00000
2.495	13.944	-.18004	500.54443	2.56521	114.84717	1947.79321	1.70177	572.19653	.00000
2.495	17.994	-.18007	500.44922	2.56521	114.82741	1947.38623	1.70209	572.41528	.00000
2.495	19.973	-.18093	499.89136	2.56521	114.70694	1945.09448	1.70399	573.01733	.00000
2.495	21.104	-.18091	499.74292	2.56521	114.68048	1944.40259	1.70449	573.94800	.00000
	GRADIENT	-.00008	.03104	-.00000	.00720	.11928	-.00011	.03782	.00000

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.033	-.11883	434.18506	2.33041	87.50075	1922.83521	1.73388	570.93701	.00000
2.662	-2.066	-.11858	433.91870	2.33041	87.45972	1921.36353	1.73387	571.15625	.00000
2.662	-.120	-.11860	434.14258	2.33041	87.49771	1922.52271	1.73388	571.10132	.00000
2.662	1.930	-.11876	434.11792	2.33041	87.49187	1922.43286	1.73388	571.04639	.00000
2.662	3.873	-.11832	434.00757	2.33041	87.46941	1921.94824	1.73387	570.93701	.00000
2.662	5.848	-.11835	434.19897	2.33041	87.51361	1922.66504	1.73387	571.32031	.00000
2.662	7.790	-.11818	434.01001	2.33041	87.47429	1921.85596	1.73387	571.10107	.00000
2.662	9.819	-.11808	434.03394	2.33041	87.48148	1921.90771	1.73387	571.21069	.00000
2.662	11.852	-.11790	434.26465	2.33041	87.52078	1923.09570	1.73388	571.15601	.00000
2.662	13.856	-.11707	434.17407	2.33041	87.50180	1922.71338	1.73388	571.04639	.00000
2.662	15.859	-.11681	434.07153	2.33041	87.48813	1922.09595	1.73387	571.21069	.00000
2.662	17.905	-.11679	434.27490	2.33041	87.52405	1923.11426	1.73387	571.21069	.00000
2.662	19.964	-.11750	434.25220	2.33041	87.51558	1923.10229	1.73388	571.04663	.00000
2.662	20.945	-.11807	434.09619	2.33041	87.49254	1922.21655	1.73387	571.21069	.00000
	GRADIENT	.00004	-.00613	.00000	-.00135	-.02411	-.00000	-.00993	.00000

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (DGY009) (16 NOV 77)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.009	-2.895	-.00045	1.64149	.21486	.41132	.42871	.43340	.43855	.45635	.47297	.58556
2.009	-1.833	-.00093	1.65126	.23638	.41679	.43494	.43359	.43711	.45265	.46663	.55603
2.009	.136	-.00134	1.65529	.27954	.42840	.44590	.43536	.43878	.44763	.46232	.50148
2.009	2.127	-.00130	1.65734	.32393	.43735	.45547	.43533	.44081	.44122	.45664	.44816
2.009	3.045	-.00191	1.65078	.34895	.44079	.46227	.43555	.44339	.43678	.45729	.42479
2.009	4.099	-.00078	1.65118	.36986	.44678	.46286	.43819	.43943	.43563	.44950	.39574
2.009	5.998	-.00080	1.63577	.41880	.45161	.47015	.43663	.44037	.42740	.44446	.35002
2.009	8.088	-.00064	1.61964	.47212	.45705	.47473	.43688	.43802	.41987	.43688	.30008
2.009	9.961	-.00039	1.59829	.52401	.46088	.47835	.43705	.43623	.41356	.42966	.25807
2.009	12.038	.00004	1.57173	.58184	.46253	.48021	.43576	.43442	.40633	.42227	.21431
2.009	14.038	.00030	1.53774	.64059	.46253	.48193	.43282	.43356	.39813	.41716	.17760
2.009	16.176	.00073	1.50048	.70116	.46110	.47630	.42953	.42477	.39121	.40603	.13716
2.009	18.054	.00037	1.46223	.75786	.45880	.47444	.42505	.42161	.38417	.40112	.10809
2.009	20.174	-.00141	1.41784	.82532	.45520	.47396	.42187	.41931	.37895	.39706	.08033
2.009	21.148	-.00144	1.39831	.85703	.45222	.47195	.41899	.41591	.37567	.39245	.06973
	GRADIENT	-.00010	.00104	.02241	.00502	.00512	.00056	.00053	-.00305	-.00289	-.02708

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (DGY009) (16 NOV 77)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.276	-2.883	.28568	1.67306	.20155	.38545	.40936	.40290	.41844	.42520	.44908	.55816
2.276	-1.940	.28574	1.67668	.21956	.39094	.41570	.40447	.41922	.42298	.44719	.53109
2.276	-.021	.28612	1.67526	.25799	.40155	.42768	.40661	.42298	.41783	.44416	.47828
2.276	2.021	.28660	1.66466	.30216	.40737	.44069	.40626	.42710	.40986	.44251	.42281
2.276	4.245	.28798	1.65705	.35173	.41985	.45341	.41045	.43099	.40588	.43936	.36843
2.276	5.986	.28811	1.64728	.39348	.42614	.46151	.41161	.43300	.40198	.43578	.32757
2.276	7.980	.28874	1.63050	.44590	.43157	.46779	.41310	.43643	.39627	.43036	.28459
2.276	9.949	.28907	1.60816	.49772	.43570	.47276	.41148	.43098	.38927	.42313	.24376
2.276	12.059	.29015	1.58141	.55609	.43756	.47342	.40959	.42643	.38140	.41433	.20334
2.276	13.973	.29132	1.55502	.61467	.43905	.47345	.40681	.42276	.37497	.40595	.17162
2.276	16.033	.29177	1.51875	.67591	.43640	.46976	.40270	.41583	.36747	.39536	.13431
2.276	18.092	.28932	1.48242	.73839	.43025	.46425	.39614	.40796	.35889	.38448	.10362
2.275	20.072	.29030	1.44266	.79841	.42289	.45648	.38880	.39931	.34937	.37497	.07299
2.276	21.166	.28987	1.41839	.83257	.41700	.45048	.38410	.39300	.34345	.36899	.05744
	GRADIENT	.00031	-.00257	.02109	.00465	.00619	.00092	.00182	-.00284	-.00131	-.02670

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-2.945	-.17955	1.70694	.21025	.40178	.40502	.41856	.41426	.43984	.44370	.55928
2.495	-1.899	-.17945	1.71102	.22803	.40697	.41161	.42024	.41515	.43825	.44147	.53005
2.495	-.044	-.17993	1.71302	.26462	.41700	.42221	.42297	.41700	.43382	.43770	.48328
2.495	1.907	-.18018	1.71366	.30745	.42623	.43178	.42498	.41849	.42834	.43365	.43312
2.495	3.977	-.17993	1.70823	.35733	.43473	.44113	.42582	.41925	.42180	.42756	.37753
2.495	5.888	-.18037	1.69280	.40108	.44081	.44729	.42623	.41843	.41591	.42146	.33580
2.495	7.962	-.18045	1.67485	.45504	.44618	.45231	.42600	.41735	.40846	.41386	.28955
2.495	9.883	-.18071	1.65872	.50367	.44902	.45677	.42347	.41631	.40047	.40785	.25108
2.495	11.900	-.18005	1.62936	.55976	.45140	.45648	.42165	.41139	.39377	.39956	.20969
2.495	13.944	-.18004	1.59840	.61631	.45024	.45979	.41719	.40981	.38547	.39335	.17460
2.495	15.996	-.17983	1.56392	.67729	.44889	.45595	.41322	.40286	.37817	.38200	.14090
2.495	17.994	-.18007	1.52420	.73754	.44358	.45322	.40788	.39800	.36988	.37581	.10949
2.495	19.973	-.18093	1.47835	.79824	.43868	.44997	.40202	.39218	.36139	.36818	.07924
	GRADIENT	-.00008	.00020	.02128	.00481	.00520	.00107	.00075	-.00263	-.00228	-.02607

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (DGY009) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.662	-3.033	-.11883	1.70478	.20393	.38935	.39550	.40714	.40471	.42816	.43364	.54894
2.662	-2.066	-.11858	1.71296	.21886	.39430	.40009	.40821	.40670	.42634	.43273	.52226
2.662	-.120	-.11860	1.71456	.25542	.40466	.41142	.41109	.40763	.42182	.42809	.46861
2.662	1.930	-.11876	1.71126	.30064	.41465	.42635	.41274	.41317	.41596	.42624	.41713
2.662	3.873	-.11832	1.70100	.34516	.42171	.43326	.41321	.41130	.40900	.41871	.36964
2.662	5.848	-.11835	1.69053	.39005	.42686	.43706	.41155	.40902	.40092	.41005	.32526
2.662	7.790	-.11818	1.67574	.43982	.43265	.44425	.41181	.40934	.39573	.40481	.28341
2.662	9.819	-.11808	1.65425	.49066	.43349	.44410	.40715	.40473	.38617	.39565	.24360
2.662	11.852	-.11790	1.62382	.54340	.43478	.44603	.40447	.40108	.37821	.38797	.20334
2.662	13.856	-.11707	1.59871	.60148	.43411	.44571	.40165	.39643	.37046	.38064	.17087
2.662	15.859	-.11681	1.56052	.66230	.43438	.44514	.39906	.39225	.36395	.37256	.13750
2.662	17.905	-.11679	1.52157	.71798	.42834	.44051	.39140	.38521	.35487	.36239	.10765
2.662	19.964	-.11750	1.48172	.77949	.42186	.43313	.38550	.37577	.34600	.35298	.07841
2.662	20.945	-.11807	1.45540	.80689	.41802	.43113	.38098	.37142	.34152	.34796	.06454
	GRADIENT	.00004	-.00070	.02057	.00476	.00572	.00092	.00109	-.00276	-.00206	-.02599

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (EGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.009	-2.895	-.00045	.12111	.36651	.37772	.34734	.36133	.34073	.32789	.63177
2.009	-1.833	-.00093	.13960	.36626	.37703	.34502	.35978	.33830	.32599	.59437
2.009	.136	-.00134	.17581	.36429	.37402	.34107	.35523	.33441	.32291	.52968
2.009	2.127	-.00130	.21285	.36522	.36485	.34052	.35097	.32829	.31891	.47188
2.009	3.045	-.00191	.23396	.36594	.36245	.34176	.35255	.32719	.32014	.44974
2.009	4.099	-.00078	.25355	.36778	.35288	.34428	.35006	.32544	.31487	.41920
2.009	5.998	-.00080	.29562	.36694	.34004	.35002	.35139	.32306	.31458	.36953
2.009	8.088	-.00064	.34417	.36198	.32326	.35370	.34988	.32021	.31435	.31749
2.009	9.961	-.00039	.38963	.35526	.30866	.35710	.34490	.31824	.31515	.27235
2.009	12.038	.00004	.44272	.34239	.30386	.35485	.33461	.31649	.31679	.22664
2.009	14.038	.00030	.49850	.32427	.30615	.35010	.32297	.31616	.32200	.18824
2.009	16.176	.00073	.55869	.30009	.29717	.33999	.30398	.31416	.31534	.14467
2.009	18.054	.00037	.61547	.27709	.30184	.32689	.29177	.31229	.30787	.11780
2.009	20.174	-.00141	.68259	.24985	.30259	.30775	.28353	.30390	.29478	.09187
2.009	21.148	-.00144	.71480	.23841	.29843	.29575	.27509	.29669	.28452	.07917
	GRADIENT	-.00010	.01900	.00008	-.00336	-.00057	-.00163	-.00227	-.00167	-.03022

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (EGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.276	-2.883	.28568	.10980	.33148	.35541	.31217	.34047	.31222	.31345	.57929
2.276	-1.940	.28574	.12481	.33054	.35698	.30908	.34124	.31033	.31379	.54969
2.276	-.021	.28612	.15763	.32922	.35997	.30640	.34206	.30597	.31625	.49361
2.276	2.021	.28660	.19535	.33237	.35833	.30747	.33965	.30302	.31348	.43513
2.276	4.245	.28798	.23938	.33782	.35346	.31273	.33911	.30119	.31016	.37849
2.276	5.986	.28811	.27467	.34117	.34856	.31686	.34117	.29801	.30786	.33518
2.276	7.980	.28874	.32286	.34189	.33927	.32144	.34147	.29478	.30387	.28881
2.276	9.949	.28907	.36877	.33918	.32517	.32344	.34047	.28933	.30031	.24801
2.276	12.059	.29015	.42252	.33305	.30647	.32366	.33604	.28316	.29754	.19913
2.276	13.973	.29132	.47456	.32487	.29020	.32376	.32787	.27939	.29590	.16307
2.276	16.033	.29177	.53336	.31440	.28051	.32156	.31440	.27533	.29285	.12700
2.276	18.092	.28932	.58981	.29765	.27647	.31451	.29808	.27172	.29050	.09514
2.275	20.072	.29030	.64939	.27140	.27901	.30454	.27997	.26733	.28610	.06541
2.276	21.166	.28987	.68198	.25484	.27049	.29914	.26768	.26574	.28114	.04900
	GRADIENT	.00031	.01817	.00087	-.00022	.00008	-.00027	-.00159	-.00043	-.02824

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-2.945	-.17955	.11940	.34398	.34787	.32433	.33195	.32705	.30927	.57313
2.495	-1.899	-.17945	.13547	.34330	.34782	.32134	.32999	.32483	.30843	.54481
2.495	-.044	-.17993	.16687	.34356	.34578	.31974	.32508	.32192	.30468	.49314
2.495	1.907	-.18018	.20019	.34285	.34259	.31738	.32180	.31699	.30189	.44166
2.495	3.977	-.17993	.24321	.34664	.33912	.32032	.32045	.31135	.29667	.38014
2.495	5.888	-.18037	.28263	.34972	.33732	.32418	.32308	.30780	.29449	.33425
2.495	7.962	-.18045	.32755	.35086	.33102	.32612	.32379	.30195	.28869	.28425
2.495	9.883	-.18071	.37271	.34933	.32453	.32939	.32484	.29718	.28765	.24105
2.495	11.900	-.18005	.42122	.34567	.31285	.33010	.32420	.29073	.28451	.19538
2.495	13.944	-.18004	.47437	.33952	.29709	.32983	.32191	.28581	.28382	.15616
2.495	15.996	-.17983	.53235	.33477	.27658	.33232	.31457	.28309	.28285	.12382
2.495	17.994	-.18007	.58663	.32178	.26652	.32877	.30545	.27997	.28104	.09332
2.495	19.973	-.18093	.64555	.30722	.26744	.32287	.29217	.27656	.28026	.06607
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	-.00008	.01777	.00031	-.00132	-.00062	-.00174	-.00224	-.00182	-.02774

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (EGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.662	-3.033	-.11883	.11471	.33118	.33961	.31353	.32475	.31459	.30362	.55682
2.662	-2.066	-.11858	.12807	.32975	.33762	.31098	.31985	.31358	.30106	.52641
2.662	-.120	-.11860	.15920	.32874	.33554	.30700	.31438	.31001	.29708	.46985
2.662	1.930	-.11876	.19394	.33081	.33418	.30709	.31250	.30615	.29569	.41596
2.662	3.873	-.11832	.23498	.33275	.33264	.30765	.31245	.30060	.29129	.36246
2.662	5.848	-.11835	.26993	.33312	.32700	.30742	.30985	.29297	.28463	.30985
2.662	7.790	-.11818	.31673	.33632	.32574	.31217	.31355	.28969	.28193	.26306
2.662	9.819	-.11808	.35712	.33369	.31808	.31202	.31241	.28202	.27682	.22034
2.662	11.852	-.11790	.41097	.33168	.30942	.31287	.31188	.27639	.27371	.18072
2.662	13.856	-.11707	.45714	.32740	.29858	.31265	.31057	.27155	.27051	.14724
2.662	15.859	-.11681	.51553	.32236	.28198	.31543	.30553	.26946	.26934	.11398
2.662	17.905	-.11679	.56729	.31032	.26279	.31185	.29696	.26379	.26526	.08464
2.662	19.964	-.11750	.62785	.29848	.25536	.30787	.28462	.25987	.26178	.05646
2.662	20.945	-.11807	.65578	.29351	.25634	.30449	.27816	.25884	.26036	.04456
	GRADIENT	.00004	.01729	.00028	-.00096	-.00083	-.00172	-.00201	-.00167	-.02796

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (FGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.009	-2.895	-.00045	.16709	.19335	.17650	.17271	.12042	.12341	.09842	.10486
2.009	-1.833	-.00093	.18634	.20777	.18015	.17597	.12236	.12703	.09945	.10723
2.009	.136	-.00134	.20316	.21968	.18714	.18327	.12707	.13292	.09990	.10935
2.009	2.127	-.00130	.20696	.23224	.18887	.19227	.13479	.13815	.09989	.11016
2.009	3.045	-.00191	.21031	.23207	.19255	.19734	.13335	.14010	.10007	.10913
2.009	4.099	-.00078	.21281	.22823	.19513	.19508	.13064	.13968	.09912	.10686
2.009	5.998	-.00080	.21776	.23483	.19933	.20220	.13262	.14029	.09988	.10669
2.009	8.088	-.00064	.22268	.23931	.19643	.20625	.13232	.13654	.09869	.10421
2.009	9.961	-.00039	.22608	.24559	.19929	.20921	.13139	.13464	.09852	.10328
2.009	12.038	.00004	.22944	.24650	.20014	.21172	.13086	.13207	.09630	.10276
2.009	14.038	.00030	.22991	.25085	.20285	.21305	.13091	.12823	.09508	.10021
2.009	16.176	.00073	.22711	.25044	.20083	.20765	.12722	.12611	.09173	.09824
2.009	18.054	.00037	.22700	.24773	.19898	.20538	.12452	.12385	.08989	.09555
2.009	20.174	-.00141	.22344	.24208	.19539	.20225	.12356	.12381	.09068	.09460
2.009	21.148	-.00144	.22099	.23970	.19386	.20111	.12461	.12577	.09092	.09523
	GRADIENT	-.00010	.00594	.00520	.00254	.00364	.00189	.00248	.00011	.00037

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (FGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.276	-2.883	.28568	.12363	.15309	.15785	.16777	.10435	.11673	.07689	.09064
2.276	-1.940	.28574	.12781	.17266	.15814	.16723	.10381	.11577	.07631	.08839
2.276	-.021	.28612	.15983	.20168	.16065	.17011	.10411	.11568	.07578	.08826
2.276	2.021	.28660	.18014	.21508	.15987	.17114	.10555	.11537	.07499	.08712
2.276	4.245	.28798	.18762	.21499	.16065	.17391	.10836	.11528	.07665	.08779
2.276	5.986	.28811	.19130	.21702	.16134	.17459	.10689	.11471	.07776	.08803
2.276	7.980	.28874	.19503	.21774	.16549	.17832	.10720	.11331	.08020	.08663
2.276	9.949	.28907	.19492	.21891	.16658	.17736	.10667	.11449	.08134	.08611
2.276	12.059	.29015	.19735	.21881	.16824	.17851	.10572	.11486	.08347	.08432
2.276	13.973	.29132	.19819	.21957	.16911	.18191	.10949	.11256	.08685	.08421
2.276	16.033	.29177	.19772	.22026	.16725	.17867	.11031	.11117	.08372	.08204
2.276	18.092	.28932	.19791	.22015	.16747	.17863	.11433	.11269	.08520	.08218
2.275	20.072	.29030	.19605	.22001	.16909	.17847	.11930	.11423	.08375	.08071
2.276	21.166	.28987	.19543	.21846	.17103	.17571	.11915	.11661	.08271	.07929
	GRADIENT	.00031	.00981	.00872	.00039	.00091	.00057	-.00017	-.00008	-.00034

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-2.945	-.17955	.13717	.13985	.16375	.15395	.11264	.10978	.08677	.08941
2.495	-1.899	-.17945	.13503	.14402	.16546	.15569	.11352	.11224	.08763	.08986
2.495	-.044	-.17993	.15234	.16997	.16513	.15794	.11405	.11326	.08642	.08995
2.495	1.907	-.18018	.17755	.19638	.16412	.16249	.11560	.11435	.08585	.08936
2.495	3.977	-.17993	.19259	.20065	.16632	.16463	.11732	.11564	.08502	.09023
2.495	5.888	-.18037	.19724	.20405	.16880	.17013	.11548	.11512	.08529	.08966
2.495	7.962	-.18045	.20134	.20776	.17294	.17294	.11442	.11539	.08379	.08904
2.495	9.883	-.18071	.20332	.21055	.17332	.17535	.11425	.11475	.08152	.08886
2.495	11.900	-.18005	.20624	.21299	.17439	.17613	.11248	.11682	.08007	.08625
2.495	13.944	-.18004	.20685	.21455	.17380	.17589	.11226	.11537	.07860	.08646
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.495	17.994	-.18007	.20795	.21741	.17186	.17441	.11293	.11650	.07667	.08412
2.495	19.973	-.18093	.20794	.21780	.16963	.17480	.11324	.11851	.07433	.08225
2.495	21.104	-.18091	.20670	.21732	.16920	.17398	.11327	.12019	.07388	.08141
	GRADIENT	-.00008	.00885	.00983	.00020	.00160	.00065	.00076	-.00031	.00006

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (FGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.662	-3.033	-.11883	.14107	.14072	.15432	.14949	.10539	.10362	.08111	.08309
2.662	-2.066	-.11858	.13393	.13662	.15416	.14782	.10566	.10295	.07988	.08186
2.662	-.120	-.11860	.13052	.14460	.15318	.14936	.10573	.10451	.08145	.08144
2.662	1.930	-.11876	.15294	.17540	.15182	.14997	.10685	.10364	.08260	.08256
2.662	3.873	-.11832	.17724	.18920	.15377	.15294	.11029	.10505	.08604	.08451
2.662	5.848	-.11835	.18551	.19356	.15720	.15677	.11266	.10598	.08799	.08491
2.662	7.790	-.11818	.18971	.19574	.16040	.15897	.11386	.10715	.08716	.08461
2.662	9.819	-.11808	.19055	.19609	.16426	.16279	.11519	.10700	.08601	.08347
2.662	11.852	-.11790	.19492	.19903	.16668	.16171	.11513	.10995	.08445	.08143
2.662	13.856	-.11707	.19566	.20019	.17036	.16443	.11733	.11062	.08462	.08114
2.662	15.859	-.11681	.19896	.20109	.16926	.16427	.11817	.11052	.08351	.08150
2.662	17.905	-.11679	.19984	.20292	.17062	.16415	.11805	.11136	.08186	.07890
2.662	19.964	-.11750	.20280	.20641	.17168	.16662	.11905	.11287	.08191	.07841
2.662	20.945	-.11807	.20286	.20738	.17065	.16567	.11907	.11433	.08088	.07792
	GRADIENT	.00004	.00546	.00787	-.00019	.00054	.00063	.00021	.00074	.00023

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (GGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.009	-2.895	-.00045	.36636	.47190
2.009	-1.833	-.00093	.37528	.48030
2.009	.136	-.00134	.39295	.49297
2.009	2.127	-.00130	.40709	.50471
2.009	3.045	-.00151	.41441	.51022
2.009	4.099	-.00078	.42299	.51472
2.009	5.998	-.00080	.43691	.52241
2.009	8.088	-.00064	.45100	.53264
2.009	9.961	-.00039	.46478	.54314
2.009	12.038	.00004	.47594	.55107
2.009	14.038	.00030	.48718	.56014
2.009	16.176	.00073	.49700	.56615
2.009	18.054	.00037	.50163	.57249
2.009	20.174	-.00141	.50882	.57807
2.009	21.148	-.00144	.50886	.58121
	GRADIENT	-.00010	.00804	.00614

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (GGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.276	-2.883	.28568	.33059	.45387
2.276	-1.940	.28574	.33951	.46621
2.276	-.021	.28612	.35354	.49061
2.276	2.021	.28660	.37007	.51092
2.276	4.245	.28798	.38771	.52491
2.276	5.986	.28811	.40171	.53689
2.276	7.980	.28874	.41357	.54574
2.276	9.949	.28907	.42456	.55498
2.276	12.059	.29015	.43371	.56117
2.276	13.973	.29132	.44119	.56853
2.276	16.033	.29177	.44797	.57293
2.276	18.092	.28932	.44826	.57392
2.275	20.072	.29030	.44691	.57518
2.276	21.166	.28987	.44486	.57252
	GRADIENT	.00031	.00793	.01012

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-2.945	-.17955	.34240	.40287
2.495	-1.899	-.17945	.35060	.41419
2.495	-.044	-.17993	.36406	.43339
2.495	1.907	-.18018	.37718	.45026
2.495	3.977	-.17993	.39301	.46475
2.495	5.888	-.18037	.40466	.48081
2.495	7.962	-.18045	.41778	.49228
2.495	9.883	-.18071	.42707	.50018
2.495	11.900	-.18005	.43634	.51103
2.495	13.944	-.18004	.44207	.52036
2.495	15.996	-.17983	.44932	.52731
2.495	17.994	-.18007	.45261	.52798
2.495	19.973	-.18093	.45288	.53254
2.495	21.104	-.18091	.44912	.53248
	GRADIENT	-.02008	.00733	.00899

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (GGY009) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.662	-3.033	-.11883	.32641	.36037
2.662	-2.066	-.11858	.33131	.36591
2.662	-.120	-.11860	.34567	.38518
2.662	1.930	-.11876	.36162	.40754
2.662	3.873	-.11832	.37460	.42682
2.662	5.848	-.11835	.38473	.43755
2.662	7 790	-.11818	.39745	.45217
2.662	9.819	-.11808	.40374	.45697
2.662	11.852	-.11790	.41198	.46485
2.662	13.856	-.11707	.41726	.47047
2.662	15.859	-.11681	.42397	.47633
2.662	17.905	-.11679	.42437	.48062
2.662	19.964	-.11750	.42335	.47967
2.662	20.945	-.11807	.41901	.47817
	GRADIENT	.00004	.00714	.00987

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.859	-.00032	497.58936	2.39715	176.16710	1397.28589	1.65878	558.20142	.00000
2.009	-1.888	-.00095	497.96094	2.39715	176.30281	1398.31201	1.65878	558.86157	.00000
2.009	.082	-.00166	498.00171	2.39715	176.32417	1398.39624	1.65877	559.46680	.00000
2.009	2.116	-.00179	497.90894	2.39715	176.29933	1398.09741	1.65877	560.07178	.00000
2.009	4.099	-.00150	498.04712	2.39715	176.35474	1398.45679	1.65875	560.73145	.00000
2.009	6.030	-.00130	498.11816	2.39715	176.39012	1398.61108	1.65875	561.66602	.00000
2.009	8.036	-.00128	498.00732	2.39715	176.35728	1398.27075	1.65874	562.10571	.00000
2.008	9.981	-.00087	498.28223	2.39715	176.45778	1399.02856	1.65874	562.60010	.00000
2.008	12.054	-.00050	498.30493	2.39715	176.46964	1399.07568	1.65873	562.92969	.00000
2.008	14.095	-.00013	497.94360	2.39715	176.35300	1398.01221	1.65873	563.58862	.00000
2.008	16.081	.00036	497.91919	2.39715	176.34979	1397.91675	1.65872	564.02783	.00000
2.008	18.153	-.00010	498.03516	2.39715	176.40013	1398.20215	1.65871	564.90625	.00000
2.008	20.154	-.00179	498.12378	2.39715	176.43333	1398.44287	1.65871	565.12573	.00000
2.008	21.222	-.00187	497.85156	2.39715	176.33559	1397.68530	1.65871	564.79663	.00000
	GRADIENT	-.00017	.04305	-.00000	.01892	.10429	-.00000	.34493	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.879	.28666	502.48120	2.44473	138.67499	1667.91919	1.69669	573.29102	.00000
2.275	-1.912	.28690	501.90796	2.44473	138.52701	1665.91943	1.69668	573.83862	.00000
2.275	.034	.28656	501.42480	2.44473	138.39714	1664.28491	1.69668	573.78369	.00000
2.275	1.997	.28715	502.97046	2.44473	138.81430	1669.50366	1.69668	574.11230	.00000
2.275	3.881	.28762	502.91211	2.44473	138.79987	1669.29541	1.69669	574.22144	.00000
2.275	5.922	.28790	502.92480	2.44473	138.80440	1669.32715	1.69668	574.33081	.00000
2.275	7.920	.28847	502.85645	2.44473	138.78983	1669.05981	1.69668	574.71387	.00000
2.275	9.901	.28876	502.85229	2.44473	138.79382	1668.99780	1.69667	575.20630	.00000
2.275	11.897	.28949	502.70117	2.44473	138.75499	1668.46753	1.69657	575.37036	.00000
2.275	13.986	.29075	502.93042	2.44473	138.82483	1669.16846	1.69667	576.19067	.00000
2.275	15.988	.29113	502.92554	2.44473	138.82458	1669.14038	1.69666	576.29980	.00000
2.275	17.998	.29133	502.79907	2.44473	138.78574	1668.75952	1.69667	575.80786	.00000
2.275	20.068	.28960	502.56055	2.44473	138.72421	1667.92529	1.69666	576.02661	.00000
2.275	21.066	.28908	502.82275	2.44473	138.79720	1668.79199	1.69666	576.30005	00000
	GRADIENT	.00013	.12582	.00000	.03485	.41645	-.00000	.11693	.00000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.953	-.17903	500.20557	2.52630	114.81369	1945.76587	1.70464	578.04883	.00000
2.495	-1.974	-.17908	500.22290	2.52630	114.81514	1945.87451	1.70458	577.72095	.00000
2.495	-.036	-.17968	500.43457	2.52630	114.86127	1946.73706	1.70386	577.55688	.00000
2.495	1.919	-.17980	500.68506	2.52630	114.91727	1947.73535	1.70301	577.55688	.00000
2.495	3.910	-.17994	500.40308	2.52630	114.85667	1946.57153	1.70397	577.88501	.00000
2.495	5.864	-.18030	500.87061	2.52630	114.96434	1948.38574	1.70238	578.32202	.00000
2.495	7.874	-.18061	500.37866	2.52630	114.85524	1946.41235	1.70405	578.43140	.00000
2.495	9.911	-.18067	500.78589	2.52630	114.94827	1948.00293	1.70267	578.70459	.00000
2.495	11.863	-.18021	500.77148	2.52630	114.94585	1947.93384	1.70272	578.81372	.00000
2.495	13.928	-.18009	500.70337	2.52630	114.93224	1947.63477	1.70295	579.03223	.00000
2.495	15.943	-.17998	500.73071	2.52630	114.94196	1947.68896	1.70285	579.52393	.00000
2.495	17.944	-.18027	500.78833	2.52630	114.95917	1947.84888	1.70266	580.12451	.00000
2.495	20.035	-.18119	500.51245	2.52630	114.89503	1946.78857	1.70360	579.79687	.00000
2.495	21.067	-.18130	500.60327	2.52630	114.91607	1947.15625	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	.00000	.01045	.19126	-.00016	-.02113	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.104	-.11898	434.37866	2.23886	87.70169	1919.95703	1.73369	577.17432	.00000
2.660	-2.046	-.11872	434.43091	2.23886	87.70805	1920.28467	1.73370	577.06494	.00000
2.660	-.073	-.11882	434.39819	2.23886	87.70082	1920.15576	1.73370	577.01025	.00000
2.660	1.882	-.11872	434.21191	2.23886	87.66193	1919.36084	1.73370	576.79175	.00000
2.660	3.857	-.11856	434.55200	2.23886	87.72093	1921.08716	1.73371	576.73706	.00000
2.660	5.852	-.11857	434.74048	2.23886	87.76155	1921.86304	1.73371	577.01050	.00000
2.660	7.818	-.11843	434.95630	2.23886	87.80128	1922.90381	1.73371	577.06519	.00000
2.660	9.759	-.11837	435.09521	2.23886	87.83461	1923.39673	1.73371	577.39307	.00000
2.660	11.808	-.11822	434.91699	2.23886	87.79860	1922.60815	1.73371	577.22900	.00000
2.660	13.848	-.11731	434.97314	2.23886	87.81000	1922.85425	1.73370	577.28369	.00000
2.660	15.863	-.11717	435.14014	2.23886	87.84108	1923.65576	1.73371	577.33838	.00000
2.660	17.889	-.11719	434.95557	2.23886	87.81697	1922.53564	1.73370	577.66626	.00000
2.660	19.935	-.11877	435.06348	2.23886	87.83322	1923.14087	1.73370	577.55688	.00000
2.660	20.962	-.11847	435.30200	2.23886	87.87268	1924.39575	1.73371	577.44751	.00000
	GRADIENT	.00004	.00740	.00000	-.00037	.07586	.00000	-.06392	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY010) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.009	-2.859	-.00032	1.64006	.21440	.41164	.42677	.43262	.43628	.45701	.46960	.58418
2.009	-1.888	-.00095	1.64721	.23468	.41867	.43421	.43447	.43768	.45450	.46795	.56085
2.009	.082	-.00166	1.65065	.27795	.42931	.44528	.43541	.43925	.44787	.46279	.50277
2.009	2.116	-.00179	1.65448	.32206	.43727	.45539	.43559	.43943	.44157	.45689	.44807
2.009	4.099	-.00150	1.64695	.37066	.44653	.46291	.43806	.43962	.43658	.45023	.39684
2.009	6.030	-.00130	1.63442	.41759	.45222	.46892	.43759	.43882	.42878	.44324	.34894
2.009	8.036	-.00128	1.61984	.47165	.45660	.47383	.43688	.43672	.41987	.43601	.30063
2.008	9.981	-.00087	1.59793	.52202	.46090	.47715	.43818	.43499	.41546	.42818	.25834
2.008	12.054	-.00050	1.57054	.57991	.46300	.47860	.43572	.43277	.40654	.42051	.21428
2.008	14.095	-.00013	1.53715	.64031	.46240	.48006	.43272	.43129	.39805	.41533	.17554
2.008	16.081	.00036	1.50110	.69698	.46226	.47571	.42997	.42424	.39196	.40562	.13741
2.008	18.153	-.00010	1.45852	.75870	.45755	.47392	.42361	.42040	.38373	.39969	.10555
2.008	20.154	-.00179	1.41597	.82182	.45560	.47424	.42176	.41843	.38017	.39611	.07885
2.008	21.222	-.00187	1.39606	.85519	.45221	.47205	.41888	.41547	.37574	.39190	.06749
	GRADIENT	-.00017	.00104	.02235	.00489	.00516	.00065	.00045	-.00300	-.00280	-.02722

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY010) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.275	-2.879	.28666	1.67304	.20162	.38534	.40923	.40278	.41745	.42591	.44848	.55875
2.275	-1.912	.28690	1.67522	.21957	.38966	.41452	.40370	.41752	.42308	.44600	.53028
2.275	.034	.28656	1.67446	.25800	.40045	.42704	.40594	.42148	.41804	.44224	.47513
2.275	1.997	.28715	1.66854	.29967	.40794	.43957	.40658	.42591	.41179	.44191	.42334
2.275	3.881	.28762	1.66197	.34276	.41612	.45201	.40870	.43024	.40628	.44100	.37419
2.275	5.922	.28790	1.64870	.39129	.42536	.46039	.41154	.43135	.40226	.43480	.32780
2.275	7.920	.28847	1.63024	.44235	.43045	.46609	.41175	.43087	.39555	.42856	.28454
2.275	9.901	.28876	1.60951	.49468	.43469	.47151	.41155	.43041	.38945	.42275	.24387
2.275	11.897	.28949	1.58373	.55151	.43777	.47270	.41023	.42664	.38293	.41454	.20578
2.275	13.986	.29075	1.55198	.61200	.43797	.47231	.40666	.42128	.37486	.40494	.16717
2.275	15.988	.29113	1.51891	.67308	.43571	.46868	.40188	.41474	.36695	.39455	.13364
2.275	17.998	.29133	1.48407	.73313	.42969	.46268	.39530	.40701	.35752	.38366	.10236
2.275	20.068	.28960	1.44246	.79787	.42205	.45625	.38844	.39849	.34848	.37463	.07095
	GRADIENT	.00013	-.00174	.02084	.00457	.00636	.00084	.00198	-.00290	-.00106	-.02726

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-2.953	-.17903	1.70697	.20987	.40170	.40479	.41942	.41418	.44130	.44412	.56042
2.495	-1.974	-.17908	1.71021	.22842	.40716	.41023	.42015	.41404	.43815	.44051	.53146
2.495	-.036	-.17968	1.71173	.26384	.41593	.42071	.42127	.41550	.43317	.43557	.48086
2.495	1.919	-.17980	1.70990	.30610	.42421	.42949	.42354	.41647	.42777	.43047	.43022
2.495	3.910	-.17994	1.70392	.34798	.43229	.43920	.42468	.41767	.42074	.42597	.38070
2.495	5.864	-.18030	1.69178	.39781	.43913	.44603	.42465	.41722	.41470	.41946	.33431
2.495	7.874	-.18061	1.67642	.44941	.44343	.45256	.42428	.41720	.40789	.41388	.29036
2.495	9.911	-.18067	1.65557	.50299	.44766	.45540	.42293	.41543	.40005	.40691	.24660
2.495	11.863	-.18021	1.62791	.55663	.44549	.45551	.42036	.40996	.39286	.39785	.20848
2.495	13.928	-.18009	1.59937	.61461	.44953	.45598	.41694	.40742	.38603	.39139	.17454
2.495	15.943	-.17998	1.56445	.67456	.44729	.45503	.41209	.40131	.37779	.38134	.13837
2.495	17.944	-.18027	1.52258	.73446	.44256	.45264	.40721	.39455	.36883	.37231	.09930
2.495	21.067	-.18130	1.44923	.82661	.43268	.44508	.39649	.38626	.35538	.36269	.06135
	GRADIENT	-.00014	-.00045	.02013	.00442	.00498	.00079	.00054	-.00293	-.00261	-.02608

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY010) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.660	-3.104	-.11898	1.69927	.20089	.38677	.39199	.40496	.40212	.42612	.43094	.54825
2.660	-2.046	-.11872	1.70230	.22041	.39357	.40034	.40647	.40496	.42359	.42995	.51837
2.660	-.073	-.11882	1.71095	.25616	.40277	.40995	.40918	.40624	.42034	.42617	.46568
2.660	1.882	-.11872	1.70378	.29879	.41283	.42198	.41083	.40837	.41456	.42183	.41531
2.660	3.857	-.11856	1.70128	.34017	.41858	.42764	.41114	.40769	.40737	.41564	.36758
2.660	5.852	-.11857	1.68603	.38853	.42436	.43504	.41000	.40705	.39946	.40900	.32146
2.660	7.818	-.11843	1.66937	.43726	.43011	.44127	.41031	.40686	.39335	.40282	.27973
2.660	9.759	-.11837	1.64938	.48525	.43163	.44271	.40594	.40246	.38494	.39396	.24077
2.660	11.808	-.11822	1.62114	.54136	.43354	.44511	.40421	.39940	.37743	.38724	.20104
2.660	13.848	-.11731	1.58975	.59899	.43287	.44494	.40005	.39528	.36986	.37859	.16674
2.660	15.863	-.11717	1.55704	.65963	.43236	.44393	.39706	.39034	.36296	.37062	.13373
2.660	17.889	-.11719	1.51868	.71536	.42677	.43941	.39148	.38374	.35446	.36104	.10485
2.660	19.935	-.11877	1.47773	.77468	.42038	.43098	.38361	.37390	.34458	.35117	.07527
2.660	20.962	-.11847	1.45125	.80512	.41681	.42939	.37945	.37035	.34054	.34703	.06046
	GRADIENT	.00004	.00022	.02004	.00461	.00516	.00092	.00078	-.00262	-.00220	-.02596

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.009	-2.859	-.00032	.11929	.36629	.37561	.34721	.36154	.34034	.32646	.61255
2.009	-1.888	-.00095	.13834	.36730	.37792	.34694	.36169	.33963	.32706	.58577
2.009	.082	-.00166	.17385	.36456	.37889	.34204	.35982	.33453	.32259	.52946
2.009	2.116	-.00179	.21277	.36516	.37949	.34090	.35653	.32859	.31800	.47309
2.009	4.099	-.00150	.25358	.36795	.37936	.34456	.35328	.32628	.31389	.41845
2.009	6.030	-.00130	.29491	.36835	.37976	.35024	.35195	.32320	.31048	.36878
2.009	8.036	-.00128	.34295	.36204	.37862	.35247	.35082	.31901	.30841	.31889
2.008	9.981	-.00087	.38906	.35636	.37515	.35638	.34773	.31861	.30412	.27311
2.008	12.054	-.00050	.44267	.34355	.37268	.35547	.34700	.31657	.30150	.22666
2.008	14.095	-.00013	.49834	.32597	.37141	.35006	.35014	.31528	.30168	.18704
2.008	16.081	.00036	.55422	.30435	.36257	.34129	.34751	.31515	.29896	.14686
2.008	18.153	-.00010	.61601	.27716	.35751	.32711	.34792	.31183	.30076	.11714
2.008	20.154	-.00179	.68008	.25335	.35741	.30825	.34739	.30434	.30393	.09292
2.008	21.222	-.00187	.71947	.23972	.35709	.29615	.34292	.29701	.30091	.07671
	GRADIENT	-.00017	.01915	.00007	.00047	-.00060	-.00124	-.00220	-.00195	-.02795

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.275	-2.879	.28666	.10909	.33228	.35749	.31298	.34297	.31218	.31256	.57857
2.275	-1.912	.28690	.12434	.33060	.35964	.30906	.34345	.30995	.31249	.54985
2.275	.034	.28656	.15751	.32932	.36530	.30561	.34518	.30560	.31419	.49220
2.275	1.997	.28715	.19177	.33190	.36650	.30698	.34215	.30355	.31169	.43786
2.275	3.881	.28762	.23060	.33749	.36733	.31216	.33878	.30223	.30916	.38663
2.275	5.922	.28790	.27227	.34073	.36801	.31668	.33688	.29859	.30555	.33688
2.275	7.920	.28847	.32032	.34126	.36519	.32048	.33528	.29443	.30037	.29082
2.275	9.901	.28876	.36672	.33859	.36025	.32216	.33090	.28909	.29478	.24715
2.275	11.897	.28949	.41799	.33378	.35591	.32348	.32908	.28429	.28967	.20387
2.275	13.986	.29075	.47343	.32443	.35106	.32331	.32613	.27860	.28353	.16034
2.275	15.988	.29113	.53154	.31567	.34453	.32189	.32422	.27550	.27911	.12767
2.275	17.998	.29133	.58522	.29726	.33537	.31416	.31991	.27108	.27351	.09558
2.275	20.068	.28960	.64908	.27450	.32673	.30472	.31812	.26758	.27047	.06546
2.275	21.066	.28908	.67879	.25970	.31954	.29966	.31484	.26602	.26799	.05159
	GRADIENT	.00013	.01786	.00073	.00149	-.00013	-.00059	-.00149	-.00046	-.02841

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-2.953	-.17903	.11905	.34508	.35136	.32601	.33478	.32750	.30966	.57534
2.495	-1.974	-.17908	.13458	.34409	.35122	.32286	.33335	.32520	.30738	.54598
2.495	-.036	-.17968	.16439	.34127	.35148	.31832	.32925	.32025	.30327	.49287
2.495	1.919	-.17980	.20067	.34320	.34989	.31762	.32388	.31651	.29914	.43764
2.495	3.910	-.17994	.23997	.34517	.34798	.31922	.31770	.31112	.29601	.38338
2.495	5.864	-.18030	.27998	.34735	.34758	.32185	.31603	.30685	.29178	.33405
2.495	7.874	-.18061	.32501	.34948	.34496	.32562	.31555	.30158	.28735	.28550
2.495	9.911	-.18067	.37140	.34770	.34064	.32693	.31295	.29556	.28182	.23788
2.495	11.863	-.18021	.41863	.34567	.33765	.32876	.31264	.28998	.27807	.19468
2.495	13.928	-.18009	.47191	.34012	.33507	.32965	.31223	.28523	.27508	.15693
2.495	15.943	-.17998	.52849	.33402	.33152	.33042	.31128	.28254	.27199	.12382
2.495	17.944	-.18027	.58330	.31883	.32810	.32911	.30933	.27623	.26616	.06392
2.495	21.067	-.18130	.67853	.29745	.31675	.31706	.30732	.27338	.26334	.04819
	GRADIENT	-.00014	.01754	-.00000	-.00047	-.00101	-.00250	-.00235	-.00201	-.02791

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.660	-3.104	-.11898	.11222	.33017	.34148	.31346	.32423	.31348	.30108	.55771
2.660	-2.046	-.11872	.12775	.32863	.34249	.31038	.32270	.31148	.29998	.52597
2.660	-.073	-.11882	.15903	.32737	.34220	.30620	.31846	.30920	.29580	.46782
2.660	1.882	-.11872	.19214	.32748	.34182	.30481	.31511	.30380	.29242	.41357
2.660	3.857	-.11856	.23113	.32778	.33717	.30271	.30751	.29767	.28735	.36189
2.660	5.852	-.11857	.26865	.33029	.33510	.30464	.30411	.29164	.28189	.30855
2.660	7.818	-.11843	.31544	.33357	.33442	.30892	.30492	.28797	.27924	.26145
2.660	9.759	-.11837	.35404	.33211	.32708	.30950	.30150	.28113	.27291	.22005
2.660	11.808	-.11822	.40870	.33001	.32384	.31184	.29890	.27638	.26881	.17987
2.660	13.848	-.11731	.45992	.32639	.32018	.31267	.29774	.27172	.26468	.14514
2.660	15.863	-.11717	.51323	.32149	.31722	.31370	.29681	.26879	.25981	.11318
2.660	17.889	-.11719	.56499	.31149	.31261	.31055	.29421	.26366	.25468	.08437
2.660	19.935	-.11877	.62388	.29817	.30523	.30616	.28928	.25877	.24980	.05631
2.660	20.962	-.11847	.65295	.29267	.30111	.30313	.28823	.25767	.24777	.04351
	GRADIENT	.00004	.01699	-.00031	-.00055	-.00149	-.00232	-.00222	-.00198	-.02819

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.009	-2.859	-.00032	.16347	.22422	.17689	.17817	.12197	.12966	.09921	.10944
2.009	-1.888	-.00095	.18145	.22358	.18064	.18059	.12399	.13211	.09995	.11103
2.009	.082	-.00166	.20163	.22215	.18649	.18651	.12862	.13587	.10061	.11134
2.009	2.116	-.00179	.20609	.22532	.19142	.19528	.13523	.14160	.09986	.11060
2.009	4.099	-.00150	.21366	.22684	.19390	.20070	.13461	.14185	.10017	.10913
2.009	6.030	-.00130	.21758	.22896	.19822	.20117	.13204	.14052	.09926	.10698
2.009	8.036	-.00128	.22158	.23647	.19840	.20603	.13302	.13768	.09856	.10668
2.008	9.981	-.00087	.22638	.23774	.19715	.20910	.13224	.13425	.09735	.10417
2.008	12.054	-.00050	.22896	.24175	.20077	.21169	.13053	.13178	.09529	.10333
2.008	14.095	-.00013	.22954	.24615	.20294	.21226	.13062	.12880	.09439	.10081
2.008	16.081	.00036	.22639	.24523	.20151	.20911	.12705	.12572	.09209	.09897
2.008	18.153	-.00010	.22561	.24136	.19992	.20617	.12412	.12533	.08919	.09691
2.008	20.154	-.00179	.22443	.23739	.19592	.20154	.12377	.12742	.09087	.09613
2.009	21.222	-.00187	.22353	.23584	.19375	.19975	.12541	.12921	.09212	.09688
	GRADIENT	-.00017	.00673	.00042	.00247	.00335	.00202	.00187	.00009	-.00009

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.275	-2.879	.28666	.12163	.20704	.15796	.17128	.10365	.11943	.07664	.09081
2.275	-1.912	.28690	.12474	.20903	.15855	.17189	.10373	.11787	.07582	.08959
2.275	.034	.28656	.15543	.21705	.15924	.17216	.10351	.11680	.07469	.08806
2.275	1.997	.28715	.17652	.21870	.15807	.17309	.10551	.11491	.07509	.08712
2.275	3.881	.28762	.18553	.21404	.15849	.17313	.10639	.11452	.07551	.08629
2.275	5.922	.28790	.19004	.21427	.16132	.17292	.10619	.11474	.07703	.08693
2.275	7.920	.28847	.19470	.21347	.16443	.17545	.10571	.11391	.07925	.08603
2.275	9.901	.28876	.19468	.21211	.16561	.17842	.10569	.11215	.08046	.08601
2.275	11.897	.28949	.19722	.21370	.16812	.17967	.10649	.11329	.08252	.08466
2.275	13.986	.29075	.19754	.21503	.16852	.18043	.10771	.11078	.08381	.08333
2.275	15.988	.29113	.19739	.21611	.16710	.17985	.10969	.11101	.08280	.08188
2.275	17.998	.29133	.19692	.21393	.16658	.17852	.11263	.11395	.08444	.08268
2.275	20.068	.28960	.19597	.21422	.16862	.17585	.11933	.11761	.08384	.08166
2.275	21.066	.28908	.19610	.21397	.17012	.17342	.11907	.11953	.08276	.08056
	GRADIENT	.00013	.01034	.00130	.00002	.00028	.00043	-.00072	-.00015	-.00065

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-2.953	-.17903	.13850	.19221	.16339	.15786	.11313	.11321	.08687	.09120
2.495	-1.974	-.17908	.13408	.19466	.16370	.15773	.11258	.11351	.08631	.09065
2.495	-.036	-.17968	.14333	.19959	.16309	.15967	.11280	.11374	.08570	.09044
2.495	1.919	-.17980	.17237	.20629	.16333	.16334	.11478	.11488	.08511	.08900
2.495	3.910	-.17994	.19069	.20137	.16399	.16619	.11632	.11553	.08402	.08924
2.495	5.864	-.18030	.19642	.20194	.16720	.16979	.11481	.11445	.08382	.08817
2.495	7.874	-.18061	.20007	.20435	.17090	.17213	.11495	.11419	.08265	.08786
2.495	9.911	-.18067	.20149	.20657	.17236	.17443	.11300	.11350	.08072	.08680
2.495	11.863	-.18021	.20504	.20797	.17374	.17626	.11269	.11405	.07950	.08519
2.495	13.928	-.18009	.20676	.21012	.17374	.17669	.11224	.11318	.07862	.08561
2.495	15.943	-.17998	.20625	.21090	.17192	.17618	.11217	.11310	.07767	.08381
2.495	17.944	-.18027	.20710	.21222	.17100	.17359	.11215	.11655	.07632	.08295
2.495	20.035	-.18119	.20686	.21236	.16948	.17162	.11361	.12012	.07391	.08181
2.495	21.067	-.18130	.20661	.21164	.16879	.16965	.11292	.12155	.07364	.08069
	GRADIENT	-.00014	.00835	.00165	.00005	.00129	.00051	.00035	-.00039	-.00031

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.660	-3.104	-.11898	.14208	.17884	.15381	.15050	.10394	.10468	.08014	.08215
2.660	-2.046	-.11872	.13509	.18375	.15281	.15044	.10439	.10465	.08014	.08161
2.660	-.073	-.11882	.12889	.19089	.15152	.15068	.10562	.10437	.08085	.08135
2.660	1.882	-.11872	.14279	.19539	.15054	.15220	.10860	.10487	.08286	.08234
2.660	3.857	-.11856	.16901	.19233	.15202	.15415	.10959	.10485	.08538	.08334
2.660	5.852	-.11857	.18245	.19197	.15613	.15623	.11072	.10455	.08655	.08302
2.660	7.818	-.11843	.18822	.19181	.15997	.15805	.11254	.10538	.08590	.08287
2.660	9.759	-.11837	.18787	.19240	.16366	.16117	.11321	.10553	.08460	.08156
2.660	11.808	-.11822	.19312	.19419	.16689	.16245	.11348	.10679	.08382	.08034
2.660	13.848	-.11731	.19494	.19551	.16673	.16328	.11480	.10761	.08316	.08018
2.660	15.863	-.11717	.19701	.19660	.16785	.16339	.11642	.10874	.08231	.07934
2.660	17.889	-.11719	.19880	.19842	.16968	.16270	.11721	.11152	.08162	.07716
2.660	19.935	-.11877	.20135	.19994	.16979	.16278	.11779	.11306	.08023	.07724
2.660	20.962	-.11847	.20280	.20089	.17024	.16227	.11878	.11504	.08023	.07726
	GRADIENT	.00004	.00372	.00209	-.00031	.00052	.00088	.00003	.00076	.00019

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.009	-2.859	-.00032	.36667	.33649
2.009	-1.888	-.00095	.37632	.34054
2.009	.082	-.00166	.39215	.34385
2.009	2.116	-.00179	.40702	.34444
2.009	4.099	-.00150	.42277	.35371
2.009	6.030	-.00130	.43753	.36144
2.009	8.036	-.00128	.45055	.37283
2.008	9.981	-.00087	.46436	.38137
2.008	12.054	-.00050	.47595	.38885
2.008	14.095	-.00013	.48659	.39805
2.008	16.081	.00036	.49725	.39844
2.008	18.153	-.00010	.50118	.40315
2.008	20.154	-.00179	.50918	.40735
2.008	21.222	-.00187	.50929	.40770
	GRADIENT	-.00017	.00794	.00212

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.275	-2.879	.28666	.33011	.31261
2.275	-1.912	.28690	.33735	.31648
2.275	.034	.28656	.35325	.32504
2.275	1.997	.28715	.36901	.32762
2.275	3.881	.28762	.38489	.33878
2.275	5.922	.28790	.40054	.35099
2.275	7.920	.28847	.41290	.35964
2.275	9.901	.28876	.42314	.36808
2.275	11.897	.28949	.43306	.37396
2.275	13.986	.29075	.44096	.37742
2.275	15.988	.29113	.44726	.37935
2.275	17.998	.29133	.44809	.37889
2.275	20.068	.28960	.44731	.37969
2.275	21.066	.28908	.44518	.37853
	GRADIENT	.00013	.00811	.00363

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-2.953	-.17903	.34192	.30428
2.495	-1.974	-.17908	.34824	.30587
2.495	-.036	-.17968	.36218	.30949
2.495	1.919	-.17980	.37779	.31273
2.495	3.910	-.17994	.39059	.32328
2.495	5.864	-.18030	.40219	.33576
2.495	7.874	-.18061	.41505	.34390
2.495	9.911	-.18067	.42574	.35156
2.495	11.863	-.18021	.43445	.35940
2.495	13.928	-.18009	.44265	.36329
2.495	15.943	-.17998	.44815	.36835
2.495	17.944	-.18027	.45158	.37142
2.495	20.035	-.18119	.45310	.37628
	GRADIENT	-.00014	.00721	.00258

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.660	-3.104	-.11898	.32188	.29308
2.660	-2.046	-.11872	.33019	.29550
2.660	-.073	-.11882	.34235	.29918
2.660	1.882	-.11872	.35783	.30621
2.660	3.857	-.11856	.36956	.31492
2.660	5.852	-.11857	.38182	.32535
2.660	7.818	-.11843	.39499	.33604
2.660	9.759	-.11837	.40048	.34149
2.660	11.808	-.11822	.41078	.34829
2.660	13.848	-.11731	.41704	.35306
2.660	15.863	-.11717	.42247	.35753
2.660	17.889	-.11719	.42330	.35940
2.660	19.935	-.11877	.42186	.35939
2.660	20.962	-.11847	.41878	.35979
	GRADIENT	.00004	.00688	.00308

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.898	2.09870	498.56372	2.28805	176.78670	1398.79858	1.65852	581.81763	.00000
2.007	-1.769	2.09874	497.37134	2.28805	176.37160	1395.41870	1.65850	581.45361	.00000
2.007	.199	2.09959	497.53882	2.28805	176.42934	1395.89526	1.65851	581.45386	.00000
2.007	2.100	2.09950	497.72852	2.28805	176.49559	1396.43262	1.65851	581.52661	.00000
2.007	4.134	2.09862	497.61035	2.28805	176.44521	1396.13940	1.65853	580.72583	.00000
2.007	6.109	2.09857	497.78223	2.28805	176.51045	1396.60229	1.65852	581.23560	.00000
2.007	8.056	2.09814	497.74487	2.28805	176.49667	1396.50122	1.65852	581.16260	.00000
2.007	10.106	2.09820	497.78613	2.28805	176.50830	1396.62939	1.65852	580.94434	.00000
2.007	12.127	2.09813	497.65088	2.28805	176.46443	1396.23291	1.65851	581.16260	.00000
2.007	14.111	2.09767	497.75854	2.28805	176.49884	1396.54932	1.65852	580.94409	.00000
2.007	16.143	2.09774	497.52954	2.28805	176.42172	1395.88965	1.65851	581.08984	.00000
2.007	18.137	2.09802	497.52026	2.28805	176.41940	1395.85815	1.65851	581.16260	.00000
2.007	19.596	2.09812	497.51587	2.28805	176.41969	1395.83740	1.65851	581.30811	.00000
	GRADIENT	.00003	-.07319	-.00000	-.02661	-.20237	.00000	-.11735	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.942	2.16962	503.18774	2.38547	138.99347	1669.10767	1.69657	585.88989	.00000
2.274	-1.798	2.16935	503.83130	2.38547	139.16504	1671.29956	1.69657	585.81787	.00000
2.274	.112	2.16958	503.08105	2.38547	138.95891	1668.80249	1.69658	585.30884	.00000
2.274	2.052	2.16936	503.48975	2.38547	139.06905	1670.18262	1.69658	585.38135	.00000
2.274	4.086	2.16806	503.10620	2.38547	138.96944	1668.85254	1.69657	585.67261	.00000
2.274	6.073	2.16774	503.33984	2.38547	139.03569	1669.60864	1.69657	586.03589	.00000
2.274	8.080	2.16712	503.28125	2.38547	139.01846	1669.42456	1.69657	585.89038	.00000
2.274	10.005	2.16684	503.22827	2.38547	139.00957	1669.19824	1.69656	586.39941	.00000
2.274	12.038	2.16647	502.90649	2.38547	138.91367	1668.19458	1.69657	585.45410	.00000
2.274	14.051	2.16620	503.46606	2.38547	139.07024	1670.03296	1.69656	586.10864	.00000
2.274	16.086	2.16607	503.43994	2.38547	139.06025	1669.91357	1.69657	586.39917	.00000
2.274	18.125	2.16614	503.43799	2.38547	139.05598	1670.00049	1.69658	585.45435	.00000
2.274	19.543	2.16565	503.41382	2.38547	139.05707	1669.84619	1.69656	586.18115	.00000
	GRADIENT	-.00018	-.03434	.00000	-.00965	-.11215	.00000	-.04483	.00000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.036	1.91604	500.77759	2.54520	114.89307	1948.82397	1.64970	571.32104	.00000
2.495	-1.927	1.91593	500.64526	2.54520	114.87074	1948.17725	1.65014	572.34326	.00000
2.495	-.020	1.91650	500.65552	2.54520	114.86729	1948.30981	1.65011	571.54004	.00000
2.495	1.994	1.91666	500.54834	2.54520	114.85745	1947.65723	1.65046	573.51074	.00000
2.495	3.977	1.91625	500.26196	2.54520	114.79494	1946.49219	1.65140	573.72925	.00000
2.495	5.952	1.91647	499.66406	2.54520	114.66287	1944.08496	1.65338	573.94849	.00000
2.495	7.958	1.91649	499.89478	2.54520	114.71970	1944.92212	1.65262	574.67798	.00000
2.495	9.931	1.91665	499.86816	2.54520	114.72061	1944.70483	1.65270	575.62598	.00000
2.495	11.952	1.91626	500.09448	2.54520	114.77275	1945.58008	1.65196	575.84473	.00000
2.495	13.846	1.91671	500.02393	2.54520	114.76711	1945.13770	1.65219	577.22974	.00000
2.495	15.992	1.91656	499.83667	2.54520	114.72623	1944.37646	1.65281	577.37524	.00000
2.495	17.990	1.91674	499.88599	2.54520	114.73889	1944.54565	1.65265	577.59399	.00000
2.495	19.477	1.91712	500.00146	2.54520	114.77266	1944.87964	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00021	.35251	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.025	2.02076	434.23193	2.29215	87.66550	1919.46289	1.73370	576.79224	.00000
2.660	-1.955	2.02058	433.70312	2.29215	87.56970	1916.87183	1.73369	576.71948	.00000
2.660	.009	2.02092	434.29614	2.29215	87.67123	1919.91089	1.73371	576.57373	.00000
2.660	1.941	2.02105	433.82764	2.29215	87.62244	1916.78833	1.73366	577.88550	.00000
2.660	3.952	2.02033	434.19531	2.29215	87.69353	1918.48437	1.73365	578.10400	.00000
2.660	5.919	2.02075	434.35522	2.29215	87.70471	1919.67725	1.73369	577.44800	.00000
2.660	7.946	2.02029	434.53882	2.29215	87.76596	1919.93359	1.73365	578.54077	.00000
2.660	9.920	2.02026	434.46631	2.29215	87.74159	1919.83618	1.73367	578.10376	.00000
2.659	11.929	2.01999	434.50879	2.29215	87.77020	1919.56299	1.73365	578.90527	.00000
2.659	13.897	2.01986	434.28442	2.29215	87.71884	1918.70874	1.73365	578.46802	.00000
2.659	15.920	2.01940	434.44189	2.29215	87.75833	1919.22998	1.73364	578.90527	.00000
2.659	17.959	2.01957	434.64526	2.29215	87.79445	1920.24341	1.73365	578.90503	.00000
2.659	19.422	2.01969	434.47461	2.29215	87.77550	1919.13159	1.73363	579.34229	.00000
	GRADIENT	-.00002	.00845	-.00000	.00727	-.09071	-.00001	.21921	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY011) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.007	-2.898	2.09870	1.63893	.21451	.36052	.47179	.37471	.48718	.39882	.52163	.58187
2.007	-1.769	2.09874	1.64531	.23849	.36725	.48298	.37636	.49030	.39732	.52015	.55009
2.007	.199	2.09959	1.64950	.28109	.37589	.49507	.37920	.49201	.39340	.51598	.49591
2.007	2.100	2.09950	1.64555	.32623	.38500	.50909	.37985	.49543	.38754	.51180	.44433
2.007	4.134	2.09862	1.64026	.37612	.39655	.51716	.38571	.49398	.38524	.50327	.39093
2.007	6.109	2.09857	1.63111	.42604	.40330	.52510	.38640	.49295	.37848	.49614	.34138
2.007	8.056	2.09814	1.61311	.47682	.40877	.52968	.38798	.49104	.37356	.48813	.29576
2.007	10.106	2.09820	1.59271	.53375	.41173	.53174	.38748	.48794	.36701	.47849	.25110
2.007	12.127	2.09813	1.56467	.59023	.41294	.54079	.38738	.48397	.36130	.46926	.20899
2.007	14.111	2.09767	1.53487	.64928	.41468	.53816	.38871	.48092	.35614	.46273	.17488
2.007	16.143	2.09774	1.49983	.70613	.41402	.53206	.38280	.47163	.34947	.45033	.13510
2.007	18.137	2.09802	1.45918	.76652	.40785	.53052	.37624	.46805	.34107	.44378	.10688
2.007	19.596	2.09812	1.43238	.81217	.40236	.53132	.37063	.46647	.33454	.44252	.08533
	GRADIENT	.00003	.00004	.02296	.00500	.00645	.00143	.00101	-.00207	-.00254	-.02717

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY011) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.274	-2.942	2.16962	1.65411	.19942	.33623	.44914	.34877	.46213	.37174	.49445	.54692
2.274	-1.798	2.16935	1.65994	.22363	.34533	.46027	.35277	.46684	.37140	.49487	.51562
2.274	.112	2.16958	1.65834	.26120	.35434	.47274	.35659	.46872	.36838	.49023	.46230
2.274	2.052	2.16936	1.65457	.30309	.36288	.48686	.35743	.47377	.36287	.48841	.41212
2.274	4.086	2.16806	1.64706	.34866	.37253	.49602	.36161	.47361	.36045	.48146	.36353
2.274	6.073	2.16774	1.63507	.39823	.37849	.50972	.36244	.47825	.35450	.48010	.31726
2.274	8.080	2.16712	1.61555	.44746	.38115	.51647	.36038	.47793	.34804	.47374	.27497
2.274	10.005	2.16684	1.59966	.50158	.38528	.52379	.35936	.47821	.34076	.46884	.23670
2.274	12.038	2.16647	1.57261	.55822	.38499	.52925	.35647	.47540	.33283	.46084	.19778
2.274	14.051	2.16620	1.54523	.61805	.38218	.52887	.35366	.47165	.32493	.45234	.16303
2.274	16.086	2.16607	1.51182	.67716	.38062	.52575	.34820	.46368	.31845	.44088	.12804
2.274	18.125	2.16614	1.47472	.73846	.37368	.52114	.34209	.45716	.30911	.43173	.09633
2.274	19.543	2.16565	1.44837	.78326	.36856	.51664	.33786	.45031	.30371	.42580	.07497
	GRADIENT	-.00018	-.00120	.02112	.00499	.00665	.00166	.00163	-.00176	-.00185	-.02621

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-3.036	1.91604	1.69996	.21246	.35503	.45304	.36819	.46516	.39161	.49727	.55767
2.495	-1.927	1.91593	1.70316	.23175	.35963	.45927	.36850	.46599	.38706	.49379	.52671
2.495	-.020	1.91650	1.70766	.26968	.36836	.47192	.37035	.46823	.38209	.48955	.47469
2.495	1.994	1.91666	1.70982	.31092	.37482	.48482	.37035	.47168	.37565	.48608	.42519
2.495	3.977	1.91625	1.69864	.35861	.38248	.49266	.37207	.46952	.37004	.47663	.37215
2.495	5.952	1.91647	1.68808	.40507	.38723	.50084	.37162	.46916	.36436	.47150	.32945
2.495	7.958	1.91649	1.66987	.45600	.39254	.50655	.37090	.46758	.35719	.46295	.28218
2.495	9.931	1.91665	1.64824	.50688	.39612	.51140	.36887	.46552	.35131	.45569	.24355
2.495	11.952	1.91626	1.62222	.56360	.39814	.51443	.36881	.46192	.34530	.44738	.20425
2.495	13.846	1.91671	1.59541	.61555	.39733	.51472	.36704	.45766	.33918	.43866	.16937
2.495	15.992	1.91656	1.55422	.68198	.39384	.51353	.36185	.45204	.33144	.42961	.13479
2.495	17.990	1.91674	1.51539	.73968	.39100	.50947	.35726	.44487	.32438	.41892	.10398
2.495	19.477	1.91712	1.48058	.78583	.38457	.50638	.35202	.43930	.31661	.41497	.08036
	GRADIENT	.00006	.00013	.02078	.00389	.00582	.00054	.00079	-.00303	-.00274	-.02630

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY011) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.660	-3.025	2.02076	1.69989	.20307	.33969	.43714	.35436	.45132	.37571	.48293	.53964
2.660	-1.955	2.02058	1.70438	.22253	.34474	.44622	.35395	.45355	.37231	.47970	.50771
2.660	.009	2.02092	1.70862	.26011	.35261	.45883	.35526	.45683	.36669	.47632	.45583
2.660	1.941	2.02105	1.70027	.30221	.36150	.47287	.35782	.46029	.36231	.47297	.40866
2.660	3.952	2.02033	1.68803	.34525	.36695	.48158	.35677	.45876	.35525	.46535	.35802
2.660	5.919	2.02035	1.67981	.39087	.37044	.48641	.35384	.45576	.34728	.45639	.31439
2.660	7.946	2.02029	1.66072	.44077	.37636	.49484	.35426	.45619	.34138	.45076	.27123
2.660	9.920	2.02026	1.64012	.49104	.37761	.49712	.35201	.45252	.33371	.44205	.23277
2.659	11.929	2.01999	1.60937	.54506	.38051	.50155	.35057	.45043	.32925	.43460	.19506
2.659	13.897	2.01986	1.58565	.59916	.37867	.50176	.34713	.44516	.32144	.42670	.16135
2.659	15.920	2.01940	1.54298	.66179	.38015	.50019	.34808	.43916	.31751	.41659	.12876
2.659	17.959	2.01957	1.50689	.72085	.37488	.49770	.34084	.43189	.30968	.40585	.09877
2.659	19.422	2.01969	1.47621	.76192	.37096	.49156	.33780	.42404	.30533	.39834	.07631
	GRADIENT	-.00002	-.00171	.02045	.00397	.00643	.00049	.00118	-.00285	-.00235	-.02582

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.007	-2.898	2.09870	.11512	.29781	.41907	.28055	.40703	.28942	.37262	.62769
2.007	-1.769	2.09874	.13452	.29783	.42083	.27844	.40727	.28869	.37245	.59505
2.007	.199	2.09959	.17064	.32938	.42365	.27148	.40681	.28458	.36896	.54180
2.007	2.100	2.09950	.20844	.30840	.42559	.28844	.40484	.28131	.36465	.48962
2.007	4.134	2.09862	.25144	.31735	.42447	.29783	.40124	.28328	.36018	.43628
2.007	6.109	2.09857	.29530	.31881	.42517	.30284	.40010	.27960	.35610	.38497
2.007	8.056	2.09814	.33918	.33811	.41368	.30875	.38913	.27684	.34988	.31909
2.007	10.106	2.09820	.39096	.33112	.41013	.32557	.37998	.27502	.34505	.27319
2.007	12.127	2.09813	.44183	.31243	.39043	.33413	.39460	.27186	.33976	.23418
2.007	14.111	2.09767	.49667	.30902	.40657	.31080	.40239	.27192	.33936	.20789
2.007	16.143	2.09774	.55481	.27377	.39282	.30054	.38581	.26637	.33779	.16911
2.007	18.137	2.09802	.61309	.24636	.39019	.29395	.38388	.26635	.34072	.14044
2.007	19.596	2.09812	.65879	.23337	.39198	.28065	.38384	.26422	.34259	.12228
	GRADIENT	.00003	.01938	.00269	.00084	.00262	-.00081	-.00108	-.00185	-.02719

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.274	-2.942	2.16962	.10303	.27170	.39535	.25874	.38329	.26808	.35465	.56932
2.274	-1.798	2.16935	.12193	.25906	.39887	.25378	.38422	.26913	.35475	.53762
2.274	.112	2.16958	.15318	.27216	.40144	.25325	.38377	.26595	.35220	.48215
2.274	2.052	2.16936	.19130	.28336	.40355	.26399	.38210	.26124	.35047	.42999
2.274	4.086	2.16806	.23081	.28733	.40689	.26631	.38183	.25802	.34940	.37841
2.274	6.073	2.16774	.27313	.28952	.40900	.26845	.38144	.25371	.34637	.32843
2.274	8.080	2.16712	.31811	.29205	.40608	.27197	.37881	.24819	.34176	.28094
2.274	10.005	2.16684	.36410	.34461	.40205	.26966	.37625	.24154	.33775	.24072
2.274	12.038	2.16647	.41600	.29133	.40306	.28174	.36406	.23729	.33144	.19893
2.274	14.051	2.16620	.46742	.30227	.39289	.27516	.37153	.23243	.32696	.17448
2.274	16.086	2.16607	.52529	.27486	.38356	.27402	.37101	.23040	.32068	.14156
2.274	18.125	2.16614	.58155	.26552	.37054	.27138	.36553	.22386	.31676	.10743
2.274	19.543	2.16565	.62338	.24600	.36201	.27440	.36270	.22264	.31463	.08574
	GRADIENT	-.00018	.01820	.00328	.00153	.00152	-.00030	-.00160	-.00083	-.02730

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-3.036	1.91604	.11733	.27478	.39376	.26598	.38087	.28146	.35503	.57722
2.495	-1.927	1.91593	.13351	.26500	.39452	.26361	.37889	.27909	.35360	.54526
2.495	-.020	1.91650	.16456	.27036	.39550	.26247	.37607	.27489	.35028	.49255
2.495	1.994	1.91666	.19889	.28970	.39551	.27022	.37135	.27055	.34684	.43625
2.495	3.977	1.91625	.24044	.29433	.39247	.27349	.36531	.26739	.34026	.38208
2.495	5.952	1.91647	.27903	.29721	.39160	.27598	.36178	.26250	.33462	.33380
2.495	7.958	1.91649	.32398	.30082	.38871	.27874	.36149	.25789	.33047	.28360
2.495	9.931	1.91665	.36756	.36034	.38493	.27329	.35991	.25283	.32587	.24160
2.495	11.952	1.91626	.42004	.30399	.38053	.28482	.35605	.24670	.32058	.19557
2.495	13.846	1.91671	.46600	.30218	.37746	.28571	.35552	.24320	.31545	.17142
2.495	15.992	1.91656	.52551	.29917	.37098	.28608	.35296	.24013	.31108	.14081
2.495	17.990	1.91674	.58159	.29641	.36507	.28886	.35407	.23511	.30954	.10838
2.495	19.477	1.91712	.62395	.27531	.35593	.28330	.35103	.23251	.30485	.08261
	GRADIENT	.00006	.01744	.00376	-.00012	.00128	-.00217	-.00204	-.00204	-.02780

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.660	-3.025	2.02076	.11179	.27515	.38138	.26329	.36630	.26772	.34416	.55260
2.660	-1.955	2.02058	.12460	.27261	.38202	.25929	.36536	.26418	.34276	.51865
2.660	.009	2.02092	.15585	.27109	.38378	.25634	.36273	.26161	.34070	.46478
2.660	1.941	2.02105	.19089	.27358	.38637	.25625	.36132	.25760	.33866	.41436
2.660	3.952	2.02033	.23003	.27748	.37979	.25728	.35227	.25309	.33023	.35525
2.660	5.919	2.02035	.26772	.27847	.37786	.25784	.34926	.24718	.32480	.30570
2.660	7.946	2.02029	.31173	.28347	.37427	.26181	.34732	.24315	.31933	.25476
2.660	9.920	2.02026	.35552	.32083	.37003	.25707	.34509	.23685	.31461	.21488
2.659	11.929	2.01999	.40410	.28470	.36458	.26795	.34212	.23340	.31010	.17580
2.659	13.897	2.01986	.45271	.27785	.36265	.26703	.34125	.22991	.30474	.14165
2.659	15.920	2.01940	.51104	.27543	.35959	.27057	.34028	.22995	.30082	.11012
2.659	17.959	2.01957	.56121	.27208	.35284	.27029	.33738	.22772	.29507	.08115
2.659	19.422	2.01969	.60574	.26473	.34581	.26927	.33356	.22662	.29011	.06123
	GRADIENT	-.00002	.01706	.00038	.00003	-.00078	-.00183	-.00200	-.00182	-.02791

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.007	-2.898	2.09870	.10767	.26156	.14041	.21053	.08995	.15367	.06189	.13187
2.007	-1.769	2.09874	.12640	.25631	.14414	.21346	.09218	.15685	.06194	.13420
2.007	.199	2.09959	.15279	.26190	.15098	.21733	.09128	.16114	.06575	.13893
2.007	2.100	2.09950	.16634	.25694	.15473	.22479	.09577	.16658	.06689	.13777
2.007	4.134	2.09862	.17748	.25638	.15149	.22510	.09609	.16819	.06717	.13679
2.007	6.109	2.09857	.18074	.26044	.15391	.22924	.09762	.16879	.06740	.13658
2.007	8.056	2.09814	.17974	.26332	.15290	.23255	.09619	.16779	.06639	.13342
2.007	10.106	2.09820	.18140	.26930	.15545	.24201	.09785	.16686	.06589	.13378
2.007	12.127	2.09813	.18128	.27179	.15664	.24710	.09556	.16328	.06357	.13236
2.007	14.111	2.09767	.18181	.27531	.15762	.24673	.09222	.16122	.06414	.12987
2.007	16.143	2.09774	.18100	.27377	.15635	.24337	.08876	.15657	.05933	.12774
2.007	18.137	2.09802	.18049	.27750	.15415	.24285	.08740	.15557	.05755	.12593
2.007	19.596	2.09812	.17974	.27531	.15376	.24210	.08706	.15686	.05761	.12647
	GRADIENT	.00003	.00985	-.00051	.00177	.00224	.00088	.00214	.00086	.00070

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.274	-2.942	2.16962	.08534	.23964	.11730	.20436	.06864	.14902	.04289	.11916
2.274	-1.798	2.16935	.08310	.24240	.11761	.20630	.06898	.14930	.04370	.11860
2.274	.112	2.16958	.10891	.25377	.11729	.20614	.06908	.14688	.04503	.11791
2.274	2.052	2.16936	.13386	.24959	.11784	.20877	.07222	.14702	.04909	.11588
2.274	4.086	2.16806	.14683	.24885	.11929	.20807	.07574	.14711	.05179	.11471
2.274	6.073	2.16774	.14944	.24977	.12194	.20766	.07452	.14335	.05620	.11390
2.274	8.080	2.16712	.15124	.24931	.12548	.21032	.07717	.14249	.05671	.11356
2.274	10.005	2.16584	.15106	.24884	.12660	.21272	.07956	.14198	.05653	.11338
2.274	12.038	2.16647	.15451	.24940	.12877	.21534	.08297	.14204	.05607	.11210
2.274	14.051	2.16620	.15404	.25013	.13005	.21696	.08385	.13987	.05568	.11124
2.274	16.086	2.16607	.15629	.25221	.13189	.21109	.08181	.13942	.05318	.11049
2.274	18.125	2.16614	.15539	.25014	.13488	.21061	.08264	.13990	.05100	.10960
2.274	19.543	2.16565	.15927	.24857	.13754	.20849	.08310	.14343	.05019	.11049
	GRADIENT	-.00018	.00982	.00135	.00024	.00054	.00100	-.00034	.00131	-.00065

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-3.036	1.91604	.10639	.22968	.12819	.19500	.08101	.14423	.05602	.12058
2.495	-1.927	1.91593	.09828	.23106	.12742	.19300	.08106	.14512	.05562	.12024
2.495	-.020	1.91650	.10321	.24200	.12717	.19489	.08212	.14577	.05625	.12042
2.495	1.994	1.91666	.12602	.23599	.12586	.19963	.08298	.14577	.05451	.11913
2.495	3.977	1.91625	.15028	.23627	.12734	.19982	.08308	.14553	.05374	.11797
2.495	5.952	1.91647	.15785	.23739	.12930	.20226	.08154	.14573	.05303	.11689
2.495	7.958	1.916	.15933	.23842	.13168	.20546	.08045	.14334	.05194	.11666
2.495	9.931	1.91665	.15994	.24031	.13273	.21080	.07935	.14352	.04865	.11512
2.495	11.952	1.91626	.16332	.24247	.13270	.21157	.07930	.14352	.04863	.11334
2.495	13.846	1.91671	.16334	.24454	.13094	.21375	.07802	.14175	.04600	.11335
2.495	15.992	1.91656	.16496	.24709	.13173	.21108	.07918	.14167	.04545	.11194
2.495	17.990	1.91674	.16474	.24907	.13065	.20913	.07813	.14409	.04395	.11217
2.495	19.477	1.91712	.16438	.24692	.12982	.20617	.07691	.14627	.04445	.11095
	GRADIENT	.00006	.00674	.00094	-.00017	.00095	.00034	.00017	-.00032	-.00036

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.660	-3.025	2.02076	.10950	.21918	.11530	.18391	.07378	.13498	.05456	.11049
2.660	-1.955	2.02058	.10329	.22352	.11455	.18328	.07398	.13326	.05423	.10826
2.660	.009	2.02092	.09358	.22454	.11471	.18240	.07721	.13193	.05498	.10748
2.660	1.941	2.02105	.09590	.22798	.11560	.18377	.08051	.13133	.05533	.10632
2.660	3.952	2.02033	.12727	.22646	.11970	.18731	.08459	.13237	.05695	.10742
2.660	5.919	2.02035	.14276	.22600	.12536	.18889	.08473	.13196	.05560	.10953
2.660	7.946	2.02029	.14925	.22705	.12890	.19140	.08380	.13104	.05417	.10809
2.660	9.920	2.02026	.15291	.22726	.13259	.19358	.08247	.13221	.05231	.10727
2.659	11.929	2.01999	.15886	.22777	.13365	.19654	.08200	.13274	.05037	.10828
2.659	13.897	2.01986	.16284	.22931	.13262	.19658	.08296	.13472	.04930	.10628
2.659	15.920	2.01940	.16446	.23237	.13274	.19570	.08314	.13536	.04898	.10645
2.659	17.959	2.01957	.16718	.23251	.13052	.19494	.08291	.13754	.04677	.10522
2.659	19.422	2.01969	.16609	.23205	.13088	.19238	.08226	.14044	.04607	.10508
	GRADIENT	-.00002	.00184	.00102	.00058	.00044	.00160	- 00037	.00034	-.00042

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.007	-2.898	2.09870	.30735	.37853
2.007	-1.769	2.09874	.32133	.38434
2.007	.199	2.09959	.34080	.39037
2.007	2.100	2.09950	.35426	.39403
2.007	4.134	2.09862	.37447	.40297
2.007	6.109	2.09857	.38815	.41480
2.007	8.056	2.09814	.40834	.41205
2.007	10.106	2.09820	.41433	.42193
2.007	12.127	2.09813	.42290	.44347
2.007	14.111	2.09767	.45105	.45211
2.007	16.143	2.09774	.43828	.44681
2.007	18.137	2.09802	.44033	.45525
2.007	19.596	2.09812	.44005	.45087
	GRADIENT	.00003	.00927	.00325

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.274	-2.942	2.16962	.26687	.35037
2.274	-1.798	2.16935	.26277	.35645
2.274	.112	2.16958	.31151	.36324
2.274	2.052	2.16936	.32435	.36714
2.274	4.086	2.16806	.33784	.38225
2.274	6.073	2.16774	.34852	.39598
2.274	8.080	2.16712	.34733	.40788
2.274	10.005	2.16684	.36601	.41901
2.274	12.038	2.16647	.35886	.42696
2.274	14.051	2.16620	.34023	.43095
2.274	16.086	2.16607	.38404	.43384
2.274	18.125	2.16614	.38310	.43264
2.274	19.543	2.16565	.38097	.43111
	GRADIENT	-.00018	.01141	.00417

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-3.036	1.91604	.26081	.34694
2.495	-1.927	1.91593	.26792	.34924
2.495	- 020	1.91650	.31326	.35459
2.495	1.994	1.91666	.32532	.35975
2.495	3.977	1.91625	.33897	.37262
2.495	5.952	1.91647	.35144	.38330
2.495	7.958	1.91649	.34038	.39420
2.495	9.931	1.91665	.35992	.40337
2.495	11.952	1.91626	.36755	.41028
2.495	13.846	1.91671	.34906	.41533
2.495	15.992	1.91656	.38393	.41882
2.495	17.990	1.91674	.38927	.42165
2.495	19.477	1.91712	.38629	.42418

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.660	-3.025	2.02076	.27421	.33014
2.660	-1.955	2.02058	.28165	.33411
2.660	.009	2.02092	.29406	.34093
2.660	1.941	2.02105	.30689	.35140
2.660	3.952	2.02033	.31882	.36020
2.660	5.919	2.02035	.32778	.37253
2.660	7.946	2.02029	.31090	.38147
2.660	9.920	2.02026	.34388	.39065
2.659	11.929	2.01999	.35473	.39707
2.659	13.897	2.01986	.35932	.40366
2.659	15.920	2.01940	.36676	.40859
2.659	17.959	2.01957	.36794	.41061
2.659	19.422	2.01969	.36898	.41033
	GRADIENT	-.00002	.00640	.00436

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.994	-2.871	-.00018	299.92090	1.46665	107.77406	835.27344	1.65625	556.88037	.00000
1.994	-1.781	-.00028	299.93481	1.46665	107.78040	835.30737	1.65625	557.04565	.00000
1.994	.136	-.00074	299.80322	1.46665	107.73573	834.92847	1.65624	557.15552	.00000
1.994	2.120	-.00075	299.89941	1.46665	107.76962	835.19995	1.65624	557.21069	.00000
1.994	4.071	-.00074	299.85400	1.46665	107.75487	835.06714	1.65624	557.32080	.00000
1.994	6.054	-.00049	299.82397	1.46665	107.74400	834.98291	1.65624	557.26587	.00000
1.994	8.036	-.00030	299.84033	1.46665	107.75204	835.01904	1.65624	557.54102	.00000
1.994	10.074	-.00032	299.92798	1.46665	107.78156	835.27246	1.65624	557.43091	.00000
1.994	12.087	-.00039	299.83105	1.46665	107.74847	834.99365	1.65623	557.48608	.00000
1.994	14.062	.00045	299.90356	1.46665	107.77357	835.20093	1.65624	557.48608	.00000
1.994	16.024	.00051	299.82544	1.46665	107.74940	834.96582	1.65623	557.81641	.00000
1.994	16.311	.00048	299.87891	1.46665	107.76604	835.12598	1.65624	557.59619	.00000
1.994	18.079	.00038	299.56885	1.46665	107.65889	834.24390	1.65623	557.65112	.00000
1.994	20.140	-.00069	299.89453	1.46665	107.77249	835.16626	1.65623	557.70630	.00000
1.994	21.172	-.00088	299.94067	1.46665	107.78845	835.29810	1.65624	557.70630	.00000
	GRADIENT	-.00009	-.00922	-.00000	-.00267	-.02834	-.00000	.05731	.00000

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.258	-2.935	.28775	304.45483	1.53908	85.27434	999.10767	1.69466	560.45679	.00000
2.258	-1.979	.28793	304.52295	1.53908	85.29468	999.31934	1.69467	560.73169	.00000
2.258	.081	.28799	304.25806	1.53908	85.22267	998.43115	1.69466	560.67676	.00000
2.258	1.993	.28829	304.13477	1.53908	85.18806	998.02783	1.69466	560.51196	.00000
2.258	3.999	.28875	304.24365	1.53908	85.21710	998.39722	1.69467	560.45703	.00000
2.258	5.990	.28906	304.17749	1.53908	85.20047	998.16333	1.69466	560.62183	.00000
2.258	7.968	.28946	304.15186	1.53908	85.19427	998.07056	1.69466	560.73169	.00000
2.258	9.977	.28964	304.11206	1.53908	85.18349	997.93579	1.69466	560.73193	.00000
2.258	11.954	.29017	304.12036	1.53908	85.18619	997.96045	1.69466	560.78662	.00000
2.258	13.945	.29124	304.12109	1.53908	85.18674	997.95923	1.69466	560.84155	.00000
2.258	15.976	.29146	304.22656	1.53908	85.21046	998.30396	1.69466	561.00659	.00000
2.258	18.002	.29159	304.11597	1.53908	85.18651	997.93213	1.69465	561.00659	.00000
2.258	20.056	.29044	304.14136	1.53908	85.19342	998.01807	1.69465	561.00659	.00000
2.258	21.153	.28996	304.12598	1.53908	85.18962	997.96167	1.69465	561.06152	.00000
	GRADIENT	.00013	-.04592	.00000	-.01256	-.15338	-.00000	-.01685	.00000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.476	-3.008	-.18034	301.54126	1.58215	70.24568	1156.86621	2.82771	566.49756	.00000
2.476	-1.927	-.18028	300.88281	1.58215	70.09691	1154.26953	2.83390	566.44263	.00000
2.476	-.048	-.18051	300.33789	1.58215	69.97247	1152.14038	2.83904	566.16846	.00000
2.477	1.900	-.18070	303.21289	1.58215	70.62192	1163.48169	2.81212	566.38794	.00000
2.477	3.922	-.18071	302.84253	1.58215	70.53748	1162.03223	2.81556	566.22314	.00000
2.477	5.884	-.18079	302.76782	1.58215	70.51974	1161.75317	2.81625	566.05859	.00000
2.477	7.906	-.18074	302.73340	1.58215	70.51041	1161.63916	2.81658	565.78418	.00000
2.477	9.883	-.18095	302.66724	1.58215	70.49454	1161.39062	2.81719	565.61963	.00000
2.477	11.888	-.18080	302.76855	1.58215	70.51581	1161.81641	2.81625	565.34546	.00000
2.477	13.895	-.18007	302.70068	1.58215	70.50110	1161.53735	2.81688	565.45508	.00000
2.477	15.881	-.17999	302.74902	1.58215	70.51135	1161.73975	2.81643	565.34546	.00000
2.477	17.940	-.18017	302.76221	1.58215	70.51311	1161.81152	2.81631	565.12573	.00000
2.477	19.940	-.18030	302.76147	1.58215	70.51479	1161.77783	2.81631	565.45508	.00000
2.477	21.017	-.18072	302.76562	1.58215	70.51450	1161.81299	2.81628	565.23560	.00000
	GRADIENT	-.00007	.29793	-.00000	.06698	1.18012	-.00278	-.03271	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.642	-3.045	-.11917	306.94092	1.66189	62.80670	1337.84058	1.73232	569.56763	.00000
2.642	-1.948	-.11911	307.01440	1.66189	62.82239	1338.14673	1.73232	569.51294	.00000
2.642	-.022	-.11907	307.10107	1.66189	62.84135	1338.49683	1.73232	569.34863	.00000
2.642	1.906	-.11902	306.57812	1.66189	62.73184	1336.27271	1.73232	569.23877	.00000
2.642	3.873	-.11891	306.60132	1.66189	62.73746	1336.35547	1.73232	569.07422	.00000
2.642	5.848	-.11890	306.67700	1.66189	62.75334	1336.67603	1.73232	569.07446	.00000
2.642	7.870	-.11876	306.78101	1.66189	62.77617	1337.09570	1.73231	568.85498	.00000
2.642	9.892	-.11871	306.64526	1.66189	62.74834	1336.50415	1.73231	568.69067	.00000
2.642	11.832	-.11873	306.67676	1.66189	62.75517	1336.63208	1.73231	568.63574	.00000
2.642	13.872	-.11793	306.73291	1.66189	62.76675	1336.87500	1.73231	568.69067	.00000
2.642	15.863	-.11779	306.72217	1.66189	62.76502	1336.81860	1.73231	568.58105	.00000
2.642	17.905	-.11780	306.58569	1.66189	62.73701	1336.22607	1.73231	568.41675	.00000
2.642	19.914	-.11814	306.63110	1.66189	62.74588	1336.43408	1.73231	568.58105	.00000
2.642	20.974	-.11864	306.70068	1.66189	62.76265	1336.67896	1.73231	568.08765	.00000
	GRADIENT	.00003	-.06592	-.00000	-.01355	-.28597	.00000	-.07152	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY012) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.994	-2.871	-.00018	1.63341	.21169	.40715	.42121	.42765	.43154	.45129	.46385	.57861
1.994	-1.781	-.00028	1.64033	.23388	.41323	.42681	.42952	.43188	.44759	.46066	.54879
1.994	.136	-.00074	1.64486	.27483	.42297	.43996	.42850	.43445	.44139	.45675	.49688
1.994	2.120	-.00075	1.64556	.32122	.43302	.44936	.43203	.43589	.43575	.45231	.44378
1.994	4.071	-.00074	1.64026	.36614	.44086	.45576	.43207	.43512	.42996	.44511	.39207
1.994	6.054	-.00049	1.62778	.41557	.44811	.46300	.43368	.43520	.42359	.43803	.34335
1.994	8.036	-.00030	1.61159	.46797	.45346	.46960	.43464	.43480	.41801	.43319	.29772
1.994	10.074	-.00032	1.58997	.52179	.45791	.47350	.43344	.43280	.41045	.42475	.25129
1.994	12.087	-.00039	1.56391	.57979	.45965	.47658	.43284	.43167	.40351	.41908	.20925
1.994	14.062	.00045	1.53287	.63666	.45996	.47761	.42963	.42982	.39521	.41369	.17152
1.994	16.024	.00051	1.49765	.69373	.45914	.47536	.42662	.42470	.38866	.40633	.13693
1.994	16.311	.00048	1.49189	.70198	.45808	.47583	.42556	.42509	.38771	.40673	.13312
1.994	18.073	.00038	1.45584	.75675	.45748	.47739	.42354	.42516	.38273	.40324	.10848
1.994	20.149	-.00069	1.41631	.82276	.45534	.47595	.42062	.42091	.37781	.39744	.08091
1.994	21.172	-.00088	1.39565	.85608	.45166	.47290	.41772	.41651	.37405	.39236	.06860
	GRADIENT	-.00009	.00095	.02232	.00489	.00513	.00063	.00062	-.00306	-.00258	-.02687

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY012) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.258	-2.935	.28775	1.66200	.19815	.38022	.40220	.39892	.41343	.42055	.44317	.55404
2.258	-1.979	.28793	1.66211	.21676	.38526	.41061	.39886	.41493	.41837	.44167	.52656
2.258	.081	.28799	1.66070	.25708	.39627	.42650	.40078	.42315	.41238	.44365	.46983
2.258	1.993	.28829	1.65835	.29738	.40503	.43815	.40319	.42554	.40778	.43964	.41847
2.258	3.999	.28875	1.65087	.34364	.41541	.44780	.40725	.42743	.40331	.43654	.36872
2.258	5.990	.28906	1.63744	.39158	.42253	.45625	.40873	.42889	.39905	.43087	.32350
2.258	7.968	.28946	1.62116	.44434	.42878	.46179	.40932	.42807	.39329	.42433	.28164
2.258	9.977	.28964	1.59893	.49549	.43331	.46575	.40761	.42623	.38595	.41619	.24094
2.258	11.954	.29017	1.57547	.55236	.43444	.46610	.40589	.42170	.37852	.40803	.20241
2.258	13.945	.29124	1.54875	.61078	.43452	.46618	.40297	.41542	.37154	.39940	.16572
2.258	15.976	.29146	1.51403	.67152	.43178	.46337	.39807	.40986	.36310	.38878	.13187
2.258	18.002	.29159	1.47919	.73207	.42470	.45701	.39083	.40064	.35319	.37868	.09925
2.258	20.056	.29044	1.43669	.79360	.41720	.44960	.38326	.39244	.34366	.36896	.06917
2.258	21.153	.28996	1.41143	.82728	.41299	.44461	.37978	.38610	.33939	.36334	.05291
	GRADIENT	.00013	-.00150	.02087	.00505	.00660	.00120	.00215	-.00252	-.00087	-.02679

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.476	-3.008	-.18034	1.69503	.20740	.39964	.40044	.41665	.41035	.43820	.43900	.55662
2.476	-1.927	-.18028	1.69846	.22707	.40450	.40737	.41797	.41094	.43521	.43675	.52463
2.476	-.048	-.18051	1.70010	.26399	.41264	.41550	.41824	.41264	.42980	.43272	.47710
2.477	1.900	-.18070	1.69729	.30675	.42093	.42657	.42076	.41383	.42445	.42721	.42589
2.477	3.922	-.18071	1.69447	.35060	.43018	.43511	.42096	.41526	.41667	.42312	.37762
2.477	5.884	-.18079	1.68039	.39976	.43685	.44325	.42202	.41624	.41204	.41699	.33169
2.477	7.906	-.18074	1.66674	.44923	.44117	.44687	.42051	.41417	.40429	.40974	.28766
2.477	9.883	-.18095	1.64613	.50169	.44336	.45182	.41913	.41209	.39719	.40405	.24934
2.477	11.888	-.18080	1.62375	.55394	.44537	.45240	.41542	.40770	.38855	.39531	.20802
2.477	13.895	-.18007	1.58993	.61079	.44687	.45397	.41340	.40494	.38230	.38826	.17326
2.477	15.881	-.17999	1.55587	.67079	.44399	.45245	.41037	.39993	.37440	.38092	.13912
2.477	17.940	-.18017	1.51912	.73182	.44039	.45021	.40464	.39562	.36649	.37375	.10705
2.477	19.940	-.18030	1.46958	.79037	.43171	.44508	.39587	.38693	.35641	.36426	.07495
	GRADIENT	-.00007	-.00020	.02076	.00438	.00499	.00064	.00072	-.00305	-.00234	-.02576

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (DGY012) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.642	-3.045	-.11917	1.68438	.19880	.38240	.38947	.40015	.39782	.42026	.42636	.53941
2.642	-1.948	-.11911	1.68919	.21852	.38849	.39555	.40064	.40040	.41793	.42471	.51039
2.642	-.022	-.11907	1.69372	.25215	.39720	.40558	.40377	.40140	.41398	.42148	.45815
2.642	1.906	-.11902	1.68726	.29577	.40687	.41607	.40575	.40336	.40766	.41568	.40897
2.642	3.873	-.11891	1.68395	.33753	.41165	.42219	.40420	.40253	.40047	.40988	.36114
2.642	5.848	-.11890	1.67087	.38429	.41930	.42988	.40485	.40177	.39346	.40414	.31690
2.642	7.870	-.11876	1.65442	.43392	.42352	.43473	.40345	.40038	.38643	.39565	.27346
2.642	9.892	-.11871	1.63311	.48366	.42646	.43627	.40145	.39840	.37954	.38868	.23497
2.642	11.832	-.11873	1.61041	.53859	.42822	.43872	.39897	.39454	.37219	.38195	.19741
2.642	13.872	-.11793	1.57686	.59484	.42783	.43897	.39503	.39065	.36544	.37304	.16266
2.642	15.863	-.11779	1.54505	.65339	.42689	.43740	.39195	.38479	.35755	.36429	.13013
2.642	17.905	-.11780	1.50514	.70853	.42245	.43304	.38609	.37824	.34895	.35487	.10177
2.642	19.914	-.11814	1.46314	.76926	.41614	.42673	.37830	.36984	.33988	.34567	.07384
2.642	20.974	-.11864	1.43614	.79665	.40971	.42299	.37316	.36341	.33475	.34054	.05825
	GRADIENT	.00003	-.00026	.02012	.00432	.00454	.00074	.00067	-.00284	-.00240	-.02586

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
1.994	-2.871	-.00018	.11666	.36535	.37767	.34904	.36033	.33710	.32322	.60457
1.994	-1.781	-.00028	.13523	.36234	.37810	.34509	.35875	.33463	.32070	.57369
1.994	.136	-.00074	.17109	.36043	.37923	.33901	.35828	.32994	.32036	.51950
1.994	2.120	-.00075	.21031	.36053	.38062	.33905	.35552	.32701	.31610	.46225
1.994	4.071	-.00074	.24871	.36190	.37991	.34113	.35258	.32193	.31243	.40847
1.994	6.054	-.00049	.29234	.36269	.37934	.34694	.34979	.32135	.30891	.35696
1.994	8.036	-.00030	.33825	.35926	.37667	.35011	.34708	.31939	.30705	.30910
1.994	10.074	-.00032	.38852	.34956	.37475	.35173	.34669	.31532	.30510	.25857
1.994	12.087	-.00039	.44153	.33689	.37345	.35131	.34691	.31547	.30324	.21225
1.994	14.062	.00045	.49408	.31928	.37166	.34516	.35008	.31295	.30354	.17243
1.994	16.024	.00051	.55046	.30268	.36647	.33715	.34853	.31355	.30055	.13647
1.994	16.311	.00048	.55949	.30103	.36688	.33541	.34902	.31253	.30098	.13199
1.994	18.079	.00038	.61341	.29094	.36697	.32607	.34902	.30965	.30237	.10739
1.994	20.149	-.00069	.67967	.28612	.36702	.30901	.34701	.29962	.30112	.08201
1.994	21.172	-.00088	.71226	.28596	.36555	.30102	.34469	.29452	.30030	.06611
	GRADIENT	-.00009	.01911	-.00044	.00039	-.00116	-.00106	-.00213	-.00147	-.02832

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.258	-2.935	.28775	.10661	.32810	.36178	.31239	.34433	.30750	.31239	.56946
2.258	-1.979	.28793	.12098	.32878	.36389	.31107	.34430	.30605	.31249	.54041
2.258	.081	.28799	.15619	.32977	.36791	.30998	.34530	.30500	.31281	.48088
2.258	1.993	.28829	.19077	.33079	.36888	.30882	.34280	.30239	.31094	.42756
2.258	3.999	.28875	.23136	.33410	.36866	.31072	.33904	.29931	.30648	.37435
2.258	5.990	.28906	.27361	.33692	.36656	.31360	.33621	.29578	.30157	.32279
2.258	7.968	.28946	.32068	.33750	.36215	.31630	.33114	.29136	.29649	.27394
2.258	9.977	.28964	.36687	.33439	.35471	.31873	.32662	.28606	.29186	.23129
2.258	11.954	.29017	.41876	.32838	.35012	.31913	.32343	.28145	.28518	.18996
2.258	13.945	.29124	.47156	.31857	.34579	.31851	.32069	.27643	.27960	.15333
2.258	15.976	.29146	.52665	.30591	.34017	.31648	.31932	.27152	.27546	.11951
2.258	18.002	.29159	.58296	.28821	.33221	.30796	.31575	.26713	.26975	.08696
2.258	20.056	.29044	.64243	.26809	.32608	.29836	.31329	.26315	.26653	.05766
2.258	21.153	.28996	.67683	.25747	.32473	.29273	.31114	.26108	.26514	.04213
	GRADIENT	.00013	.01796	.00079	.00102	-.00029	-.00070	-.00113	-.00078	-.02815

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.476	-3.008	-.18034	.11856	.34273	.35319	.32687	.33418	.32433	.30689	.56432
2.476	-1.927	-.18028	.13515	.34026	.35292	.32227	.33170	.32111	.30439	.53160
2.476	-.048	-.18051	.16469	.33971	.35236	.32025	.32827	.31760	.30091	.48058
2.477	1.900	-.18070	.19983	.33732	.35122	.31591	.32386	.31249	.29747	.42445
2.477	3.922	-.18071	.23779	.34008	.34916	.31724	.32023	.30822	.29451	.37199
2.477	5.884	-.18079	.27903	.34251	.34731	.31890	.31768	.30204	.29048	.31768
2.477	7.906	-.18074	.32353	.34468	.34293	.32248	.31416	.29909	.28624	.26875
2.477	9.883	-.18095	.36885	.34397	.34011	.32254	.31275	.29268	.28203	.22974
2.477	11.888	-.18080	.41901	.34031	.33641	.32456	.31051	.28898	.27766	.19063
2.477	13.895	-.18007	.47014	.33476	.33294	.32534	.31063	.28334	.27489	.15382
2.477	15.881	-.17999	.52521	.32615	.33136	.32460	.30913	.27890	.27059	.11971
2.477	17.940	-.18017	.57980	.31399	.32704	.32241	.30902	.27601	.26768	.08911
2.477	21.017	-.18072	.66960	.28507	.31859	.30974	.30493	.26971	.26212	.04532
	GRADIENT	-.00007	.01720	-.00043	-.00056	-.00139	-.00202	-.00230	-.00178	-.02776

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (EGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.642	-3.045	-.11917	.11150	.32579	.34063	.31020	.32090	.31015	.29689	.54413
2.642	-1.948	-.11911	.12702	.32350	.34114	.30792	.31861	.30713	.29601	.50957
2.642	-.022	-.11907	.15712	.32167	.34003	.30262	.31467	.30318	.29141	.45454
2.642	1.906	-.11902	.19067	.32148	.33906	.30090	.31097	.29860	.28827	.39855
2.642	3.873	-.11891	.22824	.32203	.33469	.29940	.30522	.29212	.28256	.34584
2.642	5.848	-.11890	.26512	.32483	.33252	.30077	.30242	.28783	.27832	.29752
2.642	7.870	-.11876	.31199	.32692	.32830	.30361	.30032	.28220	.27416	.25132
2.642	9.892	-.11871	.35535	.32632	.32344	.30511	.29691	.27661	.26934	.21289
2.642	11.832	-.11873	.40393	.32456	.31953	.30685	.29445	.27269	.26476	.17540
2.642	13.872	-.11793	.45458	.32063	.31488	.30787	.29332	.26662	.25947	.14139
2.642	15.863	-.11779	.50750	.31553	.31179	.30832	.29101	.26424	.25571	.10964
2.642	17.905	-.11780	.56264	.30481	.30732	.30597	.28870	.25904	.25123	.08203
2.642	19.914	-.11814	.61710	.29295	.30239	.30180	.28665	.25626	.24779	.05556
2.642	20.974	-.11864	.64807	.28364	.29797	.29747	.28434	.25397	.24415	.04279
	GRADIENT	.00003	.01686	-.00051	-.00082	-.00159	-.00221	-.00253	-.00208	-.02864

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
1.994	-2.871	-.00018	.15751	.21281	.17325	.17329	.11877	.12403	.09634	.10657
1.994	-1.781	-.00028	.17796	.21764	.17658	.17653	.12202	.12738	.09604	.10767
1.994	.136	-.00074	.19981	.22001	.18125	.18258	.12733	.13405	.09559	.10724
1.994	2.120	-.00075	.20707	.22158	.18783	.19201	.13176	.13707	.09787	.10593
1.994	4.071	-.00074	.21271	.22363	.19140	.19693	.13236	.13624	.09633	.10582
1.994	6.054	-.00049	.21923	.22799	.19441	.19770	.13026	.13558	.09786	.10228
1.994	8.036	-.00030	.22451	.23316	.19389	.20083	.13050	.13287	.09661	.10251
1.994	10.074	-.00032	.22618	.23923	.19565	.20394	.13005	.12964	.09548	.10064
1.994	12.087	-.00039	.22647	.24018	.19946	.20638	.12961	.12845	.09496	.10020
1.994	14.062	.00045	.22533	.24119	.19981	.20596	.12703	.12515	.09239	.09762
1.994	16.024	.00051	.22376	.23891	.19822	.20295	.12545	.12357	.09005	.09603
1.994	16.311	.00048	.22422	.23942	.19724	.20270	.12523	.12339	.08984	.09582
1.994	18.079	.00038	.22410	.23716	.19713	.20040	.12284	.12244	.08960	.09628
1.994	20.149	-.00069	.22078	.23169	.19521	.19998	.12252	.12426	.09145	.09669
1.994	21.172	-.00088	.21996	.23153	.19225	.19772	.12384	.12841	.09427	.10088
	GRADIENT	-.00009	.00761	.00139	.00267	.00354	.00205	.00187	.00011	-.00020

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.258	-2.935	.28775	.12092	.20392	.15310	.16684	.10113	.11220	.07226	.08700
2.258	-1.979	.28793	.12386	.21029	.15315	.16624	.10195	.11226	.07091	.08570
2.258	.081	.28799	.14801	.21469	.15404	.16640	.10203	.11233	.07026	.08577
2.258	1.993	.28829	.17016	.21215	.15355	.16663	.10367	.11116	.07190	.08457
2.258	3.999	.28875	.18128	.20911	.15478	.16713	.10347	.11026	.07243	.08508
2.258	5.990	.28906	.18840	.20771	.15697	.16789	.10423	.11099	.07534	.08513
2.258	7.968	.28946	.19250	.20827	.16112	.17057	.10407	.11013	.07805	.08426
2.258	9.977	.28964	.19355	.20869	.16226	.17446	.10444	.10984	.07990	.08535
2.258	11.954	.29017	.19392	.20973	.16406	.17553	.10550	.10876	.07954	.08216
2.258	13.945	.29124	.19543	.20982	.16552	.17704	.10701	.10743	.08245	.08083
2.258	15.976	.29146	.19553	.20988	.16347	.17572	.10852	.10681	.08112	.07952
2.258	18.002	.29159	.19264	.20912	.16266	.17141	.11198	.10955	.08102	.07944
2.258	20.056	.29044	.19296	.20877	.16441	.17174	.11585	.11485	.07993	.07978
2.258	21.153	.28996	.19440	.20875	.16661	.16893	.11587	.11697	.07997	.07767
	GRADIENT	.00013	.00942	.00057	.00021	.00007	.00035	-.00029	.00010	-.00026

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.476	-3.008	-.18034	.13922	.19313	.16046	.15634	.11282	.11050	.08315	.08999
2.476	-1.927	-.18028	.13421	.19821	.16049	.15566	.11061	.11041	.08300	.08844
2.476	-.048	-.18051	.14191	.20171	.15962	.15766	.11254	.11163	.08273	.08891
2.477	1.900	-.18070	.16337	.20061	.15962	.15911	.11299	.11137	.08204	.08745
2.477	3.922	-.18071	.18016	.20110	.16086	.16311	.11410	.11248	.08245	.08924
2.477	5.884	-.18079	.19315	.20063	.16396	.16686	.11428	.11197	.08192	.08942
2.477	7.906	-.18074	.19954	.20063	.16749	.16969	.11425	.11123	.07969	.08867
2.477	9.883	-.18095	.19959	.20278	.17043	.17258	.11075	.11198	.07758	.08730
2.477	11.888	-.18080	.20234	.20410	.17177	.17533	.11067	.11189	.07750	.08580
2.477	13.895	-.18007	.20595	.20562	.17114	.17540	.11144	.11054	.07613	.08514
2.477	15.881	-.17999	.20450	.20768	.16818	.17181	.11069	.11049	.07463	.08226
2.477	17.940	-.18017	.20371	.20828	.16596	.17031	.11060	.11464	.07239	.08217
2.477	19.940	-.18030	.20287	.20957	.16440	.16805	.10978	.11666	.07228	.07993
2.477	21.017	-.18072	.20243	.20775	.16326	.16762	.11006	.11766	.07185	.08021
	GRADIENT	-.00007	.00650	.00096	.00001	.00099	.00031	.00028	-.00013	-.00012

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (FGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.642	-3.045	-.11917	.13918	.18096	.14913	.14619	.10273	.10190	.07813	.08030
2.642	-1.948	-.11911	.13417	.18572	.14830	.14678	.10404	.10111	.07805	.08092
2.642	-.022	-.11907	.12747	.18810	.14861	.14638	.10365	.10140	.07977	.08053
2.642	1.906	-.11902	.14020	.18976	.14732	.14722	.10722	.10148	.08264	.08125
2.642	3.873	-.11891	.15979	.18756	.14869	.14927	.10928	.10073	.08473	.08192
2.642	5.848	-.11890	.17522	.18618	.15366	.15137	.11069	.10075	.08475	.08194
2.642	7.870	-.11876	.18511	.18692	.15729	.15426	.11288	.10293	.08343	.08273
2.642	9.892	-.11871	.18727	.18838	.16089	.15781	.11432	.10296	.08274	.08135
2.642	11.932	-.11873	.18970	.18870	.16477	.15953	.11253	.10257	.08092	.07956
2.642	13.872	-.11793	.19423	.19110	.16652	.16056	.11426	.10359	.07983	.07848
2.642	15.863	-.11779	.19537	.19227	.16483	.15889	.11399	.10473	.07814	.07751
2.642	17.905	-.11780	.19860	.19412	.16669	.15931	.11580	.10795	.07784	.07791
2.642	19.914	-.11814	.20080	.19701	.16537	.15941	.11662	.11088	.07726	.07805
2.642	20.974	-.11864	.19996	.19752	.16521	.15857	.11578	.11210	.07710	.07579
	GRADIENT	.00003	.00288	.00091	-.00009	.00038	.00093	-.00011	.00102	.00020

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
1.994	-2.871	-.00018	.36626	.33240
1.994	-1.781	-.00028	.37521	.33511
1.994	.136	-.00074	.39140	.34037
1.994	2.120	-.00075	.40720	.34263
1.994	4.071	-.00074	.42220	.35044
1.994	6.054	-.00049	.43807	.35982
1.994	8.036	-.00030	.45203	.37215
1.994	10.074	-.00032	.46508	.38180
1.994	12.087	-.00039	.47831	.39061
1.994	14.062	.00045	.48794	.39808
1.994	16.024	.00051	.49789	.40156
1.994	16.311	.00048	.49897	.40275
1.994	18.079	.00038	.50631	.40783
1.994	20.149	-.00069	.50985	.41076
1.994	21.172	-.00088	.50762	.40843
	GRADIENT	-.00009	.00808	.00245

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.258	-2.935	.28775	.32794	.31258
2.258	-1.979	.28793	.33580	.31679
2.258	.081	.28799	.35242	.32342
2.258	1.993	.28829	.36966	.32726
2.258	3.999	.28875	.38499	.33904
2.258	5.990	.28906	.39989	.34892
2.258	7.968	.28946	.41322	.35798
2.258	9.977	.28964	.42341	.36476
2.258	11.954	.29017	.43231	.37005
2.258	13.945	.29124	.43947	.37366
2.258	15.976	.29146	.44593	.37581
2.258	18.002	.29159	.44522	.37579
2.258	20.056	.29044	.44408	.37544
2.258	21.153	.28996	.44270	.37540
	GRADIENT	.00013	.00829	.00356

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.476	-3.008	-.18034	.33900	.30212
2.476	-1.927	-.18028	.34658	.30457
2.476	-.048	-.18051	.36179	.30824
2.477	1.900	-.18070	.37410	.31394
2.477	3.922	-.18071	.38827	.32448
2.477	5.884	-.18079	.40274	.33400
2.477	7.906	-.18074	.41345	.34255
2.477	9.883	-.18095	.42275	.35035
2.477	11.888	-.18080	.43186	.35734
2.477	13.895	-.18007	.44047	.36314
2.477	15.881	-.17999	.44541	.36730
2.477	17.940	-.18017	.44892	.37074
2.477	19.940	-.18030	.44663	.37272
2.477	21.017	-.18072	.44546	.37304
	GRADIENT			

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (GGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.642	-3.045	-.11917	.31932	.28941
2.642	-1.948	-.11911	.32753	.29273
2.642	-.022	-.11907	.33975	.29579
2.642	1.906	-.11902	.35353	.30256
2.642	3.873	-.11891	.36535	.31082
2.642	5.848	-.11890	.37722	.32063
2.642	7.870	-.11876	.38986	.33042
2.642	9.892	-.11871	.39770	.33683
2.642	11.832	-.11873	.40647	.34347
2.642	13.872	-.11793	.41380	.34864
2.642	15.863	-.11779	.41917	.35195
2.642	17.905	-.11780	.42035	.35526
2.642	19.914	-.11814	.41894	.35598
2.642	20.974	-.11864	.41602	.35576
	GRADIENT	.00003	.00666	.00300

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (AGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.851	-.00457	496.79956	2.37383	175.86145	1395.18408	1.65880	555.33813	.00000
2.008	-1.884	-.00347	497.16479	2.37383	176.09959	1395.72437	1.65870	564.85132	.00000
2.008	.090	-.00377	497.12524	2.37383	176.09206	1395.58423	1.65870	565.34546	.00000
2.008	2.076	-.00391	497.24268	2.37383	176.13770	1395.89844	1.65869	565.78442	.00000
2.008	4.075	-.00332	497.18066	2.37383	176.11635	1395.71875	1.65869	565.78418	.00000
2.008	6.018	-.00315	497.24048	2.37383	176.13954	1395.87817	1.65868	566.00391	.00000
2.008	7.988	-.00305	497.52295	2.37383	176.24142	1396.66309	1.65869	566.38794	.00000
2.008	9.977	-.00268	497.96851	2.37383	176.39896	1397.91675	1.65869	566.71704	.00000
2.008	12.014	-.00192	497.71118	2.37383	176.31149	1397.17676	1.65868	566.82666	.00000
2.008	13.965	-.00146	497.78564	2.37383	176.34238	1397.36475	1.65868	567.26562	.00000
2.008	16.135	-.00084	497.65088	2.37383	176.29932	1396.96753	1.65867	567.53979	.00000
2.008	18.169	-.00130	497.69287	2.37383	176.31302	1397.08789	1.65868	567.48486	.00000
2.008	20.232	-.00300	497.86548	2.37383	176.37448	1397.57227	1.65868	567.64917	.00000
2.008	21.247	-.00301	497.70483	2.37383	176.32245	1397.09863	1.65867	567.92334	.00000
	GRADIENT	.00010	.04224	.00000	.02747	.06285	-.00001	1.09058	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (AGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.962	.28395	503.09424	2.45386	138.83287	1670.06104	1.69670	572.68970	.00000
2.275	-1.813	.28411	502.51416	2.45386	138.67699	1668.09497	1.69669	572.63501	.00000
2.275	.159	.28443	502.46558	2.45386	138.66566	1667.91333	1.69669	572.79907	.00000
2.275	1.997	.28480	502.28955	2.45386	138.62141	1667.29028	1.69669	573.07300	.00000
2.275	4.090	.28632	502.30420	2.45386	138.62595	1667.33521	1.69669	573.12769	.00000
2.275	6.022	.28674	502.40674	2.45386	138.65326	1667.68286	1.69669	573.12744	.00000
2.275	7.968	.28726	502.35156	2.45386	138.63966	1667.48584	1.69669	573.23682	.00000
2.275	10.038	.28756	502.38110	2.45386	138.65210	1667.54224	1.69669	573.67456	.00000
2.275	12.022	.28860	502.75146	2.45386	138.75296	1668.78516	1.69669	573.83887	.00000
2.275	14.026	.28986	503.03076	2.45386	138.82828	1669.73047	1.69668	573.89355	.00000
2.275	16.091	.29036	502.91821	2.45386	138.80034	1669.32495	1.69669	574.11255	.00000
2.275	18.060	.29081	502.99268	2.45386	138.82137	1669.56836	1.69668	574.22192	.00000
2.275	20.163	.28880	503.06592	2.45386	138.84045	1669.82178	1.69668	574.16724	.00000
2.275	21.215	.28830	502.84570	2.45386	138.78702	1669.02246	1.69668	574.71436	.00000
	GRADIENT	.00031	-.09458	.00000	-.02454	-.32840	-.00000	.07462	.00000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.028	-.18094	500.62183	2.53601	114.89285	1947.64917	1.70525	576.13574	.00000
2.495	-1.923	-.18086	500.70239	2.53601	114.91443	1947.91333	1.70498	576.62769	.00000
2.495	.073	-.18123	500.21021	2.53601	114.80717	1945.90771	1.70666	577.01050	.00000
2.495	2.006	-.18156	500.36914	2.53601	114.83751	1946.62354	1.70611	576.29956	.00000
2.495	3.981	-.18135	500.20435	2.53601	114.80350	1945.92261	1.70668	576.68262	.00000
2.495	6.035	-.18163	500.30762	2.53601	114.82652	1946.33398	1.70632	576.68237	.00000
2.495	7.990	-.18182	500.52808	2.53601	114.87630	1947.20557	1.70557	576.73706	.00000
2.495	10.028	-.18200	500.41577	2.53601	114.85277	1946.73315	1.70596	576.95581	.00000
2.495	12.009	-.18104	500.48120	2.53601	114.86891	1946.96655	1.70573	577.17432	.00000
2.495	14.054	-.18114	500.02124	2.53601	114.76489	1945.15259	1.70730	577.01050	.00000
2.495	15.865	-.18046	501.41724	2.53601	115.08495	1950.58960	1.70255	578.10376	.00000
2.495	16.074	-.18076	498.16504	2.53601	114.34898	1937.77002	1.71366	576.90137	.00000
2.495	18.076	-.18096	499.84375	2.53601	114.72681	1944.42139	1.70791	577.22925	.00000
2.495	21.063	-.18201	501.32178	2.53601	115.06570	1950.17554	1.70287	578.37695	.00000
	GRADIENT	-.00009	-.06560	-.00000	-.01441	-.26550	.00022	.03579	.00000

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (AGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.661	-3.006	-.11992	434.11523	2.31445	87.56355	1920.75195	1.73379	573.72900	.00000
2.661	-1.967	-.11962	434.30737	2.31445	87.60492	1921.53857	1.73379	574.00244	.00000
2.661	-.022	-.11983	434.34058	2.31445	87.60780	1921.77588	1.73380	573.89331	.00000
2.661	1.937	-.11995	434.29346	2.31445	87.60536	1921.40503	1.73378	574.11206	.00000
2.661	3.964	-.11940	434.40381	2.31445	87.62492	1921.95703	1.73379	574.11206	.00000
2.661	5.892	-.11935	434.40161	2.31445	87.62302	1921.97925	1.73379	574.05713	.00000
2.661	7.874	-.11926	434.22925	2.31445	87.59250	1921.11743	1.73379	574.05737	.00000
2.661	9.888	-.11921	434.47485	2.31445	87.64044	1922.24438	1.73378	574.22119	.00000
2.661	11.949	-.11877	434.11890	2.31445	87.57591	1920.49927	1.73378	574.16699	.00000
2.661	13.986	-.11808	434.18506	2.31445	87.58177	1920.96484	1.73379	573.94775	.00000
2.661	15.936	-.11773	434.08398	2.31445	87.56973	1920.32520	1.73378	574.16675	.00000
2.661	17.967	-.11787	434.14624	2.31445	87.58365	1920.56812	1.73377	574.27612	.00000
2.661	20.013	-.11860	434.33398	2.31445	87.61258	1921.60571	1.73379	574.11230	.00000
2.661	21.040	-.11879	434.55591	2.31445	87.65909	1922.54687	1.73379	574.38574	.00000
	GRADIENT	.00004	.02937	-.00000	.00645	.11820	.00000	.04660	.00000

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (DGY013) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.009	-2.851	-.00457	1.64015	.22244	.41651	.42865	.43432	.43950	.45813	.47359	.58528
2.008	-1.884	-.00347	1.64803	.23875	.41993	.43259	.43295	.43683	.45381	.46608	.55473
2.008	.090	-.00377	1.65146	.28288	.43083	.44458	.43388	.43906	.44761	.46179	.49803
2.008	2.076	-.00391	1.65460	.32654	.43947	.45461	.43429	.43990	.44162	.45653	.44640
2.008	4.075	-.00332	1.64910	.37303	.44828	.46288	.43628	.43874	.43646	.44849	.39453
2.008	6.018	-.00315	1.63397	.42460	.45420	.47063	.43768	.44033	.42906	.44509	.34671
2.008	7.980	-.00305	1.61798	.47479	.45851	.47578	.43733	.43858	.42212	.43733	.30040
2.008	9.977	-.00268	1.59491	.53034	.46269	.47984	.43720	.43715	.41455	.43023	.25493
2.008	12.014	-.00192	1.57007	.58759	.46378	.48321	.43611	.43520	.40750	.42347	.21308
2.008	13.965	-.00146	1.53898	.64381	.46390	.48625	.43319	.43446	.39975	.41838	.17685
2.008	16.135	-.00084	1.50067	.70734	.46341	.48165	.42974	.42703	.39209	.40839	.13697
2.008	18.169	-.00130	1.45887	.76746	.45944	.48223	.42466	.42435	.38575	.40374	.10604
2.008	20.232	-.00300	1.41729	.83350	.45734	.48207	.42254	.42271	.38087	.39945	.07997
2.008	21.247	-.00301	1.39738	.86734	.45415	.48008	.41988	.41863	.37798	.39548	.06705
	GRADIENT	.00010	.00124	.02192	.00467	.00508	.00032	.00012	-.00309	-.00330	-.02741

OA234 LERC 10SWT 42 LHFN.IS RHFO.2A (DGY013) (16 NOV 77)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.275	-2.962	.28395	1.67085	.20263	.38506	.40613	.40043	.41589	.42496	.44702	.55509
2.275	-1.813	.28411	1.67442	.22448	.39319	.41343	.40302	.41806	.42242	.44491	.52268
2.275	.159	.28443	1.67152	.26432	.40193	.42765	.40397	.42252	.41694	.44328	.46928
2.275	1.997	.28480	1.66515	.30516	.40948	.44077	.40501	.42664	.41120	.44172	.41892
2.275	4.090	.28632	1.65777	.35131	.42052	.45222	.40878	.42953	.40680	.43858	.36818
2.275	5.022	.28674	1.64613	.39931	.42853	.46159	.41141	.43197	.40247	.43517	.32347
2.275	7.968	.28726	1.62970	.44965	.43195	.46792	.41121	.43152	.39593	.42936	.28138
2.275	10.038	.28756	1.60558	.50572	.43576	.47310	.40987	.42975	.38825	.42196	.23845
2.275	12.022	.28860	1.58161	.56156	.43873	.47466	.40891	.42630	.38176	.41409	.20129
2.275	14.026	.28986	1.55302	.62048	.43807	.47417	.40499	.42094	.37402	.40413	.16694
2.275	16.091	.29036	1.51751	.68246	.43592	.47193	.40066	.41407	.36666	.39419	.13008
2.275	18.060	.29081	1.48243	.74265	.43018	.46629	.39411	.40705	.35673	.38375	.10038
2.275	20.163	.28880	1.43994	.80639	.42156	.45938	.38655	.39714	.34683	.37361	.06776
2.275	21.215	.28830	1.41724	.83979	.41621	.45524	.38245	.39221	.34310	.36863	.05377
	GRADIENT	.00031	-.00207	.02115	.00484	.00656	.00104	.00200	-.00265	-.00111	-.02661

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.495	-3.028	-.18094	1.70540	.21099	.40210	.40311	.41766	.41329	.44009	.44325	.55707
2.495	-1.923	-.18086	1.71001	.23052	.40811	.40912	.41930	.41457	.43792	.44141	.52561
2.495	.073	-.18123	1.71147	.27009	.41899	.42170	.42210	.41683	.43418	.43642	.47714
2.495	2.006	-.18156	1.71433	.31169	.42710	.43145	.42282	.41806	.42715	.43236	.42710
2.495	3.981	-.18135	1.70779	.36174	.43671	.44164	.42468	.41991	.42184	.42728	.37425
2.495	6.035	-.18163	1.69047	.40900	.44174	.44916	.42463	.41891	.41561	.42072	.32934
2.495	7.990	-.18182	1.67506	.46070	.44671	.45404	.42427	.41700	.40760	.41430	.28567
2.495	10.028	-.18200	1.65492	.51172	.44931	.45931	.42236	.41658	.40123	.40760	.24735
2.495	12.009	-.18104	1.63035	.56811	.45130	.45957	.41900	.41169	.39291	.39861	.20545
2.495	14.054	-.18114	1.59824	.62573	.45071	.46329	.41630	.41108	.38541	.39372	.17030
2.495	15.865	-.18046	1.56728	.67842	.44816	.45821	.41167	.40219	.37755	.38266	.13929
2.495	16.074	-.18076	1.56521	.68875	.45136	.46191	.41593	.40509	.38070	.38542	.13919
2.495	18.076	-.18096	1.52537	.74722	.44339	.45684	.40638	.39814	.36983	.37597	.10554
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.495	21.083	-.18201	1.45053	.83575	.43272	.44932	.39488	.38588	.35545	.36282	.06019
	GRADIENT	-.00009	.00043	.02141	.00490	.00553	.00097	.00093	-.00265	-.00229	-.02584

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (DGY013) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.661	-3.006	-.11992	1.70401	.20593	.38856	.39195	.40436	.40295	.42664	.43189	.54238
2.661	-1.967	-.11962	1.71255	.22181	.39537	.39862	.40673	.40580	.42488	.43176	.51299
2.661	-.022	-.11983	1.71362	.25902	.40718	.41161	.40927	.40917	.42102	.42829	.46273
2.661	1.937	-.11995	1.70959	.30366	.41537	.42559	.41081	.41289	.41618	.42532	.41190
2.661	3.964	-.11940	1.69963	.35049	.42255	.43219	.41105	.41114	.40742	.41755	.36302
2.661	5.892	-.11935	1.68946	.39487	.42820	.43841	.40939	.40985	.40026	.41039	.31908
2.661	7.874	-.11926	1.67464	.44593	.43241	.44494	.40990	.40759	.39439	.40339	.27708
2.661	9.888	-.11921	1.65202	.49665	.43396	.44606	.40563	.40421	.38614	.39462	.23758
2.661	11.949	-.11877	1.62420	.55318	.43632	.44949	.40355	.40109	.37812	.38752	.19812
2.661	13.986	-.11808	1.59674	.60938	.43460	.44982	.39932	.39689	.37004	.37979	.16474
2.661	15.936	-.11773	1.55934	.66941	.43412	.44885	.39732	.39144	.36403	.37078	.13193
2.661	17.967	-.11787	1.51970	.72474	.42831	.44404	.39082	.38415	.35483	.36179	.10282
2.661	20.013	-.11860	1.47901	.78729	.42110	.43867	.38406	.37546	.34603	.35352	.07334
2.661	21.040	-.11879	1.45211	.81338	.41686	.43493	.37838	.37075	.34036	.34685	.05938
	GRADIENT	.00004	-.00084	.02091	.00488	.00599	.00095	.00127	-.00268	-.00201	-.02572

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (EGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.009	-2.851	-.00457	.12312	.37795	.37364	.36792	.36192	.34482	.33105	.61418
2.008	-1.884	-.00347	.13822	.37630	.37015	.36315	.35768	.34004	.32545	.58375
2.008	.090	-.00377	.17450	.37399	.37194	.35669	.35797	.33528	.32288	.52773
2.008	2.076	-.00391	.21256	.37364	.36538	.35148	.35243	.32960	.31855	.47366
2.008	4.075	-.00332	.25208	.37498	.35382	.34902	.35031	.32632	.31478	.42001
2.008	6.018	-.00315	.29503	.37450	.34304	.34758	.35199	.32297	.31378	.36801
2.008	7.988	-.00305	.34055	.36933	.32746	.34242	.35159	.31743	.31340	.32390
2.008	9.977	-.00268	.38929	.36786	.31303	.34149	.34927	.31260	.31726	.27925
2.008	12.014	-.00192	.44264	.36554	.30883	.34340	.34132	.30883	.31872	.23363
2.008	13.965	-.00146	.49546	.35780	.30897	.34440	.33142	.30461	.32405	.19782
2.008	16.135	-.00084	.55600	.34970	.29634	.34607	.31207	.30027	.31966	.15897
2.008	18.169	-.00130	.61706	.34379	.29125	.34076	.29707	.29649	.31131	.12841
2.008	20.232	-.00300	.68319	.34368	.30005	.33356	.28791	.29176	.29807	.10247
2.008	21.247	-.00301	.71706	.34164	.29956	.32943	.28152	.28953	.28873	.08780
	GRADIENT	.00010	.01871	-.00045	-.00253	-.00273	-.00157	-.00262	-.00217	-.02792

OA234 .RC 10SWT 42 LHFN.1S RHFO.2A (EGY013) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.275	-2.962	.28395	.10790	.34154	.34821	.32895	.33897	.31195	.31225	.57857
2.275	-1.813	.28411	.12620	.34191	.35118	.32631	.33977	.30969	.31388	.54450
2.275	.159	.28443	.15955	.34111	.35600	.32086	.34111	.30628	.31400	.48678
2.275	1.997	.28480	.19395	.34008	.35618	.31596	.34179	.30343	.31253	.43562
2.275	4.090	.28632	.23626	.34125	.35131	.31456	.33782	.30158	.30855	.38238
2.275	6.022	.28674	.27568	.34122	.34703	.31404	.33951	.29774	.30632	.33223
2.275	7.968	.28726	.32132	.33767	.33948	.31140	.34024	.29321	.30240	.29012
2.275	10.038	.28756	.36926	.33384	.32690	.30879	.33984	.28669	.29806	.24559
2.275	12.022	.28860	.41927	.33168	.31263	.30758	.33682	.27937	.29601	.20372
2.275	14.026	.28986	.47270	.32781	.29318	.30657	.32909	.27202	.29372	.17037
2.275	16.091	.29036	.53260	.32387	.27546	.30784	.31745	.26681	.29113	.13651
2.275	18.060	.29081	.58510	.31266	.26845	.30596	.30968	.26024	.28840	.10346
2.275	20.163	.28880	.64811	.30275	.25875	.30333	.28136	.25400	.28491	.06490
2.275	21.215	.28830	.68066	.29989	.26888	.30224	.27250	.25246	.28168	.05047
	GRADIENT	.00031	.01917	-.00013	.00056	-.00217	-.00005	-.00149	-.00053	-.02792

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.495	-3.028	-.18094	.11791	.35668	.34303	.34270	.33218	.32697	.30913	.57426
2.495	-1.923	-.18086	.13532	.35539	.34166	.33839	.32831	.32474	.30741	.54455
2.495	.073	-.18123	.16788	.35588	.34134	.33414	.32448	.32093	.30442	.48883
2.495	2.006	-.18156	.20131	.35016	.33992	.32547	.32350	.31690	.30136	.43962
2.495	3.981	-.18135	.24358	.34870	.33656	.32171	.32073	.31180	.29673	.38053
2.495	6.035	-.18163	.28569	.34894	.33434	.32073	.32228	.30697	.29318	.33045
2.495	7.990	-.18182	.32837	.34309	.33011	.31710	.32331	.30145	.28782	.29063
2.495	10.028	-.18200	.37548	.34059	.32467	.31624	.32510	.29469	.28739	.24253
2.495	12.009	-.18104	.42247	.33829	.31484	.31524	.32496	.28878	.28424	.20456
2.495	14.054	-.18114	.47661	.33679	.30206	.31545	.32432	.28252	.28401	.16688
2.495	15.865	-.18046	.52718	.33375	.28301	.31541	.31616	.27738	.28104	.13724
2.495	16.074	-.18076	.53741	.33707	.28513	.31818	.31937	.27989	.28402	.13584
2.495	18.076	-.18096	.58604	.32814	.26554	.31540	.30791	.27153	.28049	.09404
2.495	20.133	-.18187	.63816	.31911	.25467	.31388	.29703	.26268	.27717	.04970
	GRADIENT	-.00009	.01774	-.00119	-.00082	-.00305	-.00151	-.00213	-.00173	-.02745

0A234 LERC 10SWT 42 LHFN.IS RHFO.2A (EGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.661	-3.006	-.11992	.11410	.34190	.33525	.32754	.32505	.31321	.30174	.55453
2.661	-1.967	-.11962	.12898	.34213	.33210	.32541	.31934	.31306	.29960	.52152
2.661	-.022	-.11983	.15922	.34175	.33067	.32139	.31352	.30913	.29759	.46611
2.661	1.937	-.11995	.19389	.33888	.33171	.31466	.31461	.30516	.29531	.41568
2.661	3.964	-.11940	.23528	.33511	.32896	.30896	.31183	.29991	.28962	.35888
2.661	5.892	-.11935	.27015	.33091	.32427	.30618	.31011	.29270	.28387	.31011
2.661	7.874	-.11926	.31726	.32850	.32277	.30387	.31166	.28820	.28055	.26905
2.661	9.888	-.11921	.35708	.32276	.31653	.30056	.31137	.28097	.27577	.23463
2.661	11.949	-.11877	.41206	.32113	.31036	.30035	.31221	.27477	.27305	.18635
2.661	13.986	-.11808	.45737	.31851	.29964	.29867	.31108	.26757	.26990	.15156
2.661	15.936	-.11773	.51494	.31800	.28458	.30063	.30660	.26403	.26739	.11830
2.661	17.967	-.11787	.56790	.31221	.26660	.29781	.29784	.25858	.26507	.08576
2.661	20.013	-.11860	.62756	.30591	.25634	.29558	.28857	.25283	.26086	.05779
2.661	21.040	-.11879	.65475	.30174	.25069	.29489	.28244	.24969	.26018	.04485
	GRADIENT	.00004	.01731	-.00098	-.00069	-.00270	-.00167	-.00196	-.00161	-.02779

0A234 LERC 10SWT 42 LHFN.IS RHFO.2A (FGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.009	-2.851	-.00457	.22652	.19728	.18526	.18922	.12763	.14097	.10429	.11331
2.008	-1.884	-.00347	.21451	.20356	.18194	.17638	.12265	.12955	.09886	.10922
2.008	.090	-.00377	.21365	.21728	.18587	.18504	.12739	.13548	.09883	.11049
2.008	2.076	-.00391	.21237	.22992	.18984	.19547	.13264	.14077	.09888	.11054
2.008	4.075	-.00332	.21206	.22608	.19176	.19819	.12885	.14126	.09729	.10718
2.008	6.018	-.00315	.21280	.23382	.19370	.20284	.12874	.14120	.09795	.10664
2.008	7.988	-.00305	.21768	.23694	.19039	.20685	.12976	.13745	.09512	.10507
2.008	9.977	-.00268	.22074	.24294	.19395	.20949	.12813	.13577	.09525	.10347
2.008	12.014	-.00192	.22303	.24358	.19756	.21308	.12779	.13246	.09358	.10354
2.008	13.965	-.00146	.22231	.24667	.19901	.21452	.12664	.13039	.09199	.10153
2.008	16.135	-.00084	.22008	.24546	.19683	.20883	.12225	.12697	.08891	.09930
2.008	18.169	-.00130	.21820	.24171	.19523	.20607	.12119	.12409	.08731	.09651
2.008	20.232	-.00300	.21671	.23560	.19007	.20329	.12324	.12408	.08958	.09641
2.008	21.247	-.00301	.21642	.23395	.18827	.20213	.12507	.12671	.09127	.09779
	GRADIENT	.00010	-.00158	.00462	.00124	.00230	.00076	.00084	-.00072	-.00058

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (FGY013) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.275	-2.962	.28395	.18592	.15293	.15809	.16580	.10328	.11616	.07500	.08915
2.275	-1.813	.28411	.18870	.16893	.15912	.16769	.10296	.11585	.07507	.08838
2.275	.159	.28443	.19176	.19763	.15825	.16945	.10211	.11583	.07373	.08796
2.275	1.997	.28480	.19028	.21243	.15800	.17055	.10235	.11564	.07306	.08733
2.275	4.090	.28632	.19016	.21146	.15832	.17258	.10437	.11552	.07381	.08807
2.275	6.022	.28674	.18969	.21360	.15795	.17340	.10437	.11469	.07475	.08807
2.275	7.968	.28726	.19045	.21431	.15948	.17629	.10380	.11452	.07628	.08750
2.275	10.038	.28756	.18955	.21432	.15247	.17668	.10249	.11410	.07798	.08662
2.275	12.022	.28860	.19015	.21442	.15479	.17858	.10359	.11258	.07995	.08516
2.275	14.026	.28986	.19049	.21486	.16524	.18279	.10483	.11219	.08302	.08556
2.275	16.091	.29036	.19090	.21607	.16436	.17891	.10524	.11127	.07910	.08254
2.275	18.060	.29081	.18946	.21383	.16252	.17918	.11109	.11074	.08115	.08239
2.275	20.163	.28880	.18854	.21291	.16193	.17740	.11787	.11281	.08102	.08104
2.275	21.215	.28830	.18957	.21303	.16296	.17586	.11931	.11549	.08073	.08033
	GRADIENT	.00031	.00052	.00876	-.00004	.00091	.00010	-.00008	-.00024	-.00017

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.495	-3.028	-.18094	.19205	.14606	.16316	.15375	.11243	.10996	.08527	.08962
2.495	-1.923	-.18086	.19510	.14739	.16446	.15508	.11205	.11129	.08573	.08967
2.495	.073	-.18123	.19804	.16663	.16309	.15885	.11277	.11374	.08516	.08994
2.495	2.006	-.18156	.19543	.19193	.16303	.16228	.11276	.11455	.08338	.08908
2.495	3.981	-.18135	.19681	.19684	.16486	.16451	.11456	.11469	.08215	.09044
2.495	6.035	-.18163	.19802	.20187	.16569	.16917	.11319	.11502	.08124	.08994
2.495	7.990	-.18182	.19793	.20551	.16847	.17200	.11086	.11437	.07970	.08847
2.495	10.028	-.18200	.19869	.20770	.17032	.17500	.11084	.11354	.07802	.08888
2.495	12.009	-.18104	.19985	.21058	.17142	.17618	.11074	.11428	.07569	.08706
2.495	14.054	-.18114	.20174	.21333	.17118	.17848	.11043	.11527	.07451	.08803
2.495	15.865	-.18046	.20115	.21061	.16980	.17451	.10879	.11236	.07339	.08516
2.495	16.074	-.18076	.20317	.21356	.17293	.17680	.11065	.11468	.07590	.08687
2.495	18.076	-.18096	.20120	.21237	.16674	.17449	.11071	[illegible]	[illegible]	[illegible]
2.495	21.083	-.18201	.20112	.21106	.16156	.17276	.11218	.11707	.06989	.08082
	GRADIENT	-.00009	.00051	.00821	.00010	.00160	.00029	.00069	-.00050	.00006

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (FGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.661	-3.006	-.11992	.17721	.14270	.15325	.14893	.10378	.10258	.07794	.08195
2.661	-1.967	-.11962	.18200	.13851	.15056	.14776	.10359	.10284	.07775	.08126
2.661	-.022	-.11983	.18452	.14659	.14919	.14932	.10419	.10400	.07891	.08188
2.661	1.937	-.11995	.18518	.17243	.14924	.14946	.10332	.10210	.07897	.08199
2.661	3.964	-.11940	.18695	.18457	.15204	.15223	.10709	.10336	.08279	.08477
2.661	5.892	-.11935	.18516	.18926	.15481	.15590	.10928	.10507	.08354	.08497
2.661	7.874	-.11926	.18676	.19276	.15782	.15748	.11083	.10608	.08253	.08354
2.661	9.888	-.11921	.18750	.19452	.16167	.16122	.11262	.10641	.08138	.08336
2.661	11.949	-.11877	.18919	.19626	.16490	.16240	.11228	.10708	.07953	.08201
2.661	13.986	-.11808	.19003	.19664	.16777	.16573	.11364	.10846	.07841	.08189
2.661	15.936	-.11773	.19197	.19758	.16620	.16418	.11357	.10888	.07682	.08132
2.661	17.967	-.11787	.19560	.19972	.16731	.16484	.11572	.10905	.07745	.07950
2.661	20.013	-.11860	.19786	.20239	.16508	.16561	.11650	.10978	.07675	.07830
2.661	21.040	-.11879	.20019	.20224	.16448	.16499	.11739	.11067	.07467	.07822
	GRADIENT	.00004	.00121	.00679	-.00016	.00049	.00037	.00004	.00063	.00038

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (GGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.009	-2.851	-.00457	.34146	.47416
2.008	-1.884	-.00347	.34149	.48066
2.008	.090	-.00377	.34195	.49741
2.008	2.076	-.00391	.35322	.51220
2.008	4.075	-.00332	.36505	.52220
2.008	6.018	-.00315	.37835	.53213
2.008	7.988	-.00305	.38746	.54157
2.008	9.977	-.00268	.39949	.55206
2.008	12.014	-.00192	.40835	.56066
2.008	13.965	-.00146	.41454	.56931
2.008	16.135	-.00084	.42357	.57425
2.008	18.169	-.00130	.42565	.58089
2.008	20.232	-.00300	.42834	.58718
2.008	21.247	-.00301	.42470	.58999
	GRADIENT	.00010	.00341	.00714

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (GGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.275	-2.962	.28395	.30026	.39801
2.275	-1.813	.28411	.30316	.41514
2.275	.159	.28443	.30628	.44779
2.275	1.997	.28480	.31939	.47290
2.275	4.090	.28632	.33215	.48822
2.275	6.022	.28674	.34749	.50743
2.275	7.968	.28726	.35731	.51977
2.275	10.038	.28756	.36670	.53096
2.275	12.022	.28860	.37401	.53845
2.275	14.026	.28986	.37938	.54651
2.275	16.091	.29036	.38494	.55153
2.275	18.060	.29081	.38478	.55275
2.275	20.163	.28880	.38129	.55398
2.275	21.215	.28830	.38022	.55455
	GRADIENT	.00031	.00453	.01319

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.495	-3.028	-.18094	.31300	.35152
2.495	-1.923	-.18086	.31559	.36183
2.495	.073	-.18123	.32122	.38212
2.495	2.006	-.18156	.32978	.40220
2.495	3.981	-.18135	.34539	.42141
2.495	6.035	-.18163	.35604	.43883
2.495	7.990	-.18182	.36662	.45017
2.495	10.028	-.18200	.37610	.46060
2.495	12.009	-.18104	.38413	.47205
2.495	14.054	-.18114	.39040	.48179
2.495	16.065	-.18076	.39774	.49043
2.495	18.076	-.18096	.39857	.49473
2.495	20.122	-.18183	.39754	.50270
2.495	21.083	-.18201	.39576	.50385
	GRADIENT	-.00009	.00446	.01005

0A234 LERC 10SWT 42 LHFN.1S RHF0.2A (GGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.661	-3.006	-.11992	.29975	.33496
2.661	-1.967	-.11962	.30159	.34213
2.661	-.022	-.11983	.30900	.35860
2.661	1.937	-.11995	.32061	.37852
2.661	3.964	-.11940	.33277	.39405
2.661	5.892	-.11935	.34239	.40422
2.661	7.874	-.11926	.35350	.41818
2.661	9.888	-.11921	.36057	.42724
2.661	11.949	-.11877	.37032	.43809
2.661	13.986	-.11808	.37457	.44685
2.661	15.936	-.11773	.38053	.45530
2.661	17.967	-.11787	.38068	.46040
2.661	20.013	-.11860	.38042	.46542
2.661	21.040	-.11879	.37819	.46414
	GRADIENT	.00004	.00483	.00869

0A234 LERC 10SWT 42 LHF0.2A RHFN.1S (AGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.855	-.00118	498.54565	2.29984	176.73244	1398.96045	1.65857	577.88379	.00000
2.007	-1.967	-.00160	498.60669	2.29984	176.75761	1399.11548	1.65856	578.21191	.00000
2.007	.058	-.00230	498.61987	2.29984	176.76213	1399.15381	1.65855	578.21191	.00000
2.007	2.037	-.00240	498.50073	2.29984	176.72495	1398.79810	1.65856	578.53906	.00000
2.007	4.059	-.00198	498.40771	2.29984	176.59629	1398.51660	1.65855	578.81226	.00000
2.007	6.022	-.00224	498.40454	2.29984	176.70055	1398.48364	1.65855	579.24951	.00000
2.007	8.012	-.00138	498.56030	2.29984	176.75414	1398.92822	1.65855	579.24976	.00000
2.007	10.025	-.00159	498.70435	2.29984	176.80901	1399.31567	1.65854	579.68628	.00000
2.007	12.026	-.00125	498.48437	2.29984	176.72935	1398.70630	1.65855	579.35889	.00000
2.007	14.013	-.00091	498.27881	2.29984	176.66728	1398.08057	1.65853	580.06309	.00000
2.007	16.090	-.00051	498.27661	2.29984	176.66512	1398.08057	1.65853	579.95972	.00000
2.007	18.137	-.00078	498.55835	2.29984	176.77220	1398.83887	1.65853	580.77905	.00000
2.007	20.137	-.00252	498.43530	2.29984	176.72995	1398.48877	1.65853	580.77881	.00000
2.007	21.114	-.00266	498.28467	2.29984	176.67398	1398.07617	1.65852	580.45117	.00000
	GRADIENT	-.00012	-.02336	-.00000	-.00659	-.07299	-.00000	.12015	.00000

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (AGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.966	.28618	504.59131	2.35013	139.41498	1673.44702	1.69654	590.31763	.00000
2.274	-1.869	.28614	503.58645	2.35013	139.15331	1669.96313	1.69652	591.02637	.00000
2.274	.096	.28602	502.91016	2.35013	138.97054	1667.68262	1.69651	590.86279	.00000
2.274	1.989	.28618	502.96753	2.35013	138.98753	1667.86279	1.69651	591.02563	.00000
2.274	3.952	.28736	502.94800	2.35013	138.98579	1667.76562	1.69651	591.35278	.00000
2.274	6.014	.28743	502.71411	2.35013	138.91974	1667.00269	1.69651	591.02759	.00000
2.274	7.988	.28785	502.87622	2.35013	138.97044	1667.48364	1.69651	591.73242	.00000
2.274	9.993	.28805	503.08350	2.35013	139.02823	1668.16626	1.69650	591.95215	.00000
2.274	11.986	.28910	503.11938	2.35013	139.04178	1668.25244	1.69650	592.33057	.00000
2.274	13.994	.29019	503.08838	2.35013	139.03795	1668.10620	1.69650	592.76709	.00000
2.274	16.021	.29070	502.84399	2.35013	138.97310	1667.27100	1.69649	592.82178	.00000
2.274	18.064	.29118	502.82422	2.35013	138.96051	1667.26904	1.69650	592.11499	.00000
2.274	20.064	.28920	503.05615	2.35013	139.03104	1667.97925	1.69650	592.93066	.00000
2.274	21.120	.28855	502.95020	2.35013	139.00385	1667.60767	1.69649	593.03931	.00000
	GRADIENT	.00014	-.20821	.00000	-.05459	-.71779	-.00000	.11102	.00000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.493	-2.969	-.17938	500.75171	2.42115	115.06613	1945.86719	1.70403	595.54028	.00000
2.493	-1.958	-.17932	501.50806	2.42115	115.23727	1948.85278	1.70146	595.81104	.00000
2.493	.050	-.17997	500.80469	2.42115	115.08380	1945.98853	1.70385	596.30054	.00000
2.493	1.994	-.18036	500.75171	2.42115	115.07364	1945.75000	1.70403	596.51782	.00000
2.493	4.013	-.18012	500.79370	2.42115	115.07889	1945.98291	1.70389	595.97461	.00000
2.493	5.968	-.18084	500.78931	2.42115	115.07745	1945.97437	1.70390	595.92090	.00000
2.493	7.942	-.18100	500.72266	2.42115	115.06915	1945.60229	1.70413	596.79053	.00000
2.493	9.972	-.18132	500.73926	2.42115	115.07123	1945.69336	1.70407	596.57153	.00000
2.493	11.944	-.18052	500.52100	2.42115	115.02336	1944.81030	1.70482	596.68140	.00000
2.493	13.985	-.18054	500.95703	2.42115	115.12245	1946.52271	1.70333	596.89868	.00000
2.493	15.967	-.18024	501.05957	2.42115	115.15573	1946.76562	1.70298	598.25732	.00000
2.493	18.022	-.18052	500.94336	2.42115	115.12392	1946.39453	1.70338	597.49658	.00000
2.493	20.052	-.18146	500.59009	2.42115	115.04373	1945.00732	1.70458	597.33472	.00000
2.493	21.038	-.18221	500.84766	2.42115	115.09967	1946.06030	1.70370	597.11597	.00000
	GRADIENT	-.00014	-.04626	-.00000	-.00971	-.19435	.00016	.08154	.00000

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (DGY014) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.007	-2.855	-.00118	1.63835	.21770	.41235	.42349	.43097	.43483	.45457	.46835	.57617
2.007	-1.967	-.00160	1.64279	.23534	.41773	.42920	.43160	.43545	.45207	.46377	.55258
2.007	.058	-.00230	1.64961	.27965	.42919	.44193	.43236	.43611	.44668	.45888	.49574
2.007	2.037	-.00240	1.65263	.32368	.43630	.45076	.43158	.43673	.43911	.45332	.44235
2.007	4.059	-.00198	1.64610	.37150	.44741	.45938	.43547	.43704	.43476	.44634	.39164
2.007	6.022	-.00224	1.63240	.42246	.45177	.46718	.43420	.43750	.42573	.44116	.34328
2.007	8.012	-.00198	1.61807	.47398	.45695	.47171	.43529	.43577	.41905	.43443	.29615
2.007	10.025	-.00159	1.59284	.52921	.45950	.47522	.43493	.43271	.41135	.42580	.25037
2.007	12.026	-.00125	1.56805	.58486	.46198	.48332	.43330	.43172	.40517	.41924	.20996
2.007	14.013	-.00091	1.53625	.64379	.46113	.48182	.43046	.42870	.39679	.41393	.17323
2.007	16.090	-.00051	1.49869	.70325	.46016	.47729	.42698	.42299	.39008	.40349	.13385
2.007	18.137	-.00078	1.45820	.76290	.45620	.47409	.42117	.41730	.38171	.39942	.10094
2.007	20.137	-.00252	1.41546	.82617	.45346	.47566	.41850	.41542	.37725	.39327	.07532
2.007	21.114	-.00266	1.39626	.85961	.45177	.47485	.41712	.41501	.37510	.39189	.06437
	GRADIENT	-.00012	.00131	.02225	.00495	.00520	.00051	.00031	-.00295	-.00303	-.02686

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.274	-2.966	.28618	1.67199	.20231	.38679	.40635	.40294	.41754	.42682	.44809	.55633
2.274	-1.869	.28614	1.67331	.22188	.39166	.41160	.40175	.41648	.42142	.44311	.52261
2.274	.096	.28602	1.67166	.26085	.40128	.42388	.40333	.41970	.41533	.44000	.46854
2.274	1.989	.28618	1.66346	.30372	.40788	.43646	.40342	.42330	.40908	.43792	.41644
2.274	3.952	.28736	1.65461	.34474	.41896	.44744	.40776	.42667	.40552	.43538	.36840
2.274	6.014	.28743	1.64511	.39671	.42599	.45851	.40880	.42899	.39987	.43210	.32100
2.274	7.988	.28785	1.62572	.44755	.43114	.46526	.41045	.42900	.39509	.42685	.27862
2.274	9.993	.28805	1.60471	.50131	.43455	.47070	.40905	.42769	.38729	.41984	.23707
2.274	11.986	.28910	1.58022	.55777	.43688	.47586	.40736	.42447	.38092	.41211	.20057
2.274	13.994	.29019	1.54909	.61608	.43564	.47298	.40240	.41894	.37164	.40240	.16584
2.274	16.021	.29070	1.51474	.67687	.43541	.47133	.39973	.41355	.36562	.39325	.13035
2.274	18.064	.29118	1.47936	.73991	.42920	.46427	.39348	.40478	.35601	.38398	.09932
2.274	20.064	.28920	1.44115	.79940	.42097	.45757	.38511	.39612	.34636	.37346	.06844
2.274	21.120	.28855	1.41800	.83366	.41598	.45362	.38146	.39113	.34195	.36678	.05402
	GRADIENT	.00014	-.00260	.02078	.00456	.00606	.00067	.00145	-.00307	-.00169	-.02717

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (DGY014) (16 NOV 77)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
2.493	-2.969	-.17938	1.70182	.21019	.39921	.40042	.41504	.41169	.43738	.44105	.55373
2.493	-1.958	-.17932	1.70567	.22770	.40494	.40622	.41575	.41224	.43496	.43783	.52394
2.493	.050	-.17997	1.70937	.26840	.41626	.41830	.41893	.41411	.43119	.43367	.47477
2.493	1.994	-.18036	1.70891	.30782	.42525	.42685	.42019	.41449	.42514	.42756	.42310
2.493	4.013	-.18012	1.70282	.35962	.43400	.43825	.42250	.41679	.41977	.42380	.37118
2.493	5.968	-.18084	1.68761	.40445	.44069	.44450	.42352	.41531	.41314	.41659	.32883
2.493	7.942	-.18100	1.67145	.45571	.44433	.44969	.42191	.41335	.40587	.41064	.28469
2.493	9.972	-.18132	1.65316	.50711	.44702	.45374	.42000	.41087	.39789	.40309	.24349
2.493	11.944	-.18052	1.62467	.56293	.44993	.45717	.41859	.40775	.39183	.39604	.20415
2.493	13.985	-.18054	1.59259	.61962	.44880	.45818	.41479	.40577	.38343	.39008	.17001
2.493	15.967	-.18024	1.56263	.67797	.44702	.45654	.41049	.39842	.37610	.37799	.13525
2.493	18.022	-.18052	1.51825	.74038	.44269	.45465	.40456	.39496	.36835	.37464	.10474
2.493	20.052	-.18146	1.47445	.80193	.43602	.45015	.39895	.38825	.35949	.36598	.07458
2.493	21.038	-.18221	1.44984	.83092	.43234	.44777	.39474	.38458	.35453	.36047	.06016
	GRADIENT	-.00014	.00020	.02125	.00500	.00536	.00108	.00070	-.00252	-.00249	-.02597

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (EGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.007	-2.855	-.00118	.11918	.37600	.36964	.36784	.35830	.34180	.32505	.61823
2.007	-1.967	-.00160	.13466	.37740	.36898	.36631	.35540	.33896	.32309	.58676
2.007	.058	-.00230	.17074	.37893	.36974	.36438	.35433	.33406	.31987	.53127
2.007	2.037	-.00240	.20781	.37133	.37025	.35719	.34974	.32890	.31440	.48271
2.007	4.059	-.00198	.24911	.35832	.37020	.35575	.34623	.32709	.31036	.43390
2.007	6.022	-.00224	.29233	.34500	.36981	.35711	.34500	.32542	.30740	.38385
2.007	8.012	-.00198	.33916	.32669	.36745	.35321	.34179	.32437	.30307	.33871
2.007	12.026	-.00125	.43882	.29639	.35702	.33402	.34084	.32349	.29641	.24416
2.007	14.013	-.00091	.49350	.29106	.34475	.31760	.34543	.32211	.29858	.20477
2.007	16.090	-.00051	.55217	.28993	.31471	.30024	.34043	.31428	.29505	.16175
2.007	18.137	-.00078	.61191	.29323	.32415	.28245	.34157	.30107	.29541	.13401
2.007	20.137	-.00252	.67481	.29784	.34410	.27237	.33970	.28489	.29916	.10799
2.007	21.114	-.00266	.70824	.28572	.34618	.26843	.33839	.27476	.29827	.09881
	GRADIENT	-.00012	.01872	-.00245	.00014	-.00187	-.00166	-.00219	-.00214	-.02634

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (EGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.274	-2.966	.28618	.10657	.32491	.34357	.29499	.32747	.31172	.31078	.59444
2.274	-1.869	.28614	.12295	.33000	.33579	.29666	.31675	.30905	.30907	.56031
2.274	.096	.28602	.15579	.33491	.32953	.31861	.31182	.30491	.31047	.50260
2.274	1.989	.28618	.19137	.33636	.32962	.31236	.31113	.30156	.30807	.44929
2.274	3.952	.28736	.22937	.35632	.34819	.3.827	.31098	.30068	.30456	.39739
2.274	6.014	.28743	.27188	.34894	.35915	.32572	.31684	.29824	.30215	.34209
2.274	7.988	.28785	.31808	.33178	.35435	.32960	.32279	.29476	.29704	.29456
2.274	9.993	.28805	.36548	.31459	.34606	.33431	.32357	.29080	.29104	.25173
2.274	11.986	.28910	.41556	.29668	.35171	.32985	.31634	.28610	.28832	.21117
2.274	13.994	.29019	.46836	.27845	.35452	.31487	.31692	.28201	.28275	.17544
2.274	16.021	.29070	.52653	.26807	.33756	.30429	.32198	.28010	.27816	.14102
2.274	18.064	.29118	.58277	.26359	.32526	.28739	.31664	.27644	.27239	.09249
2.274	20.064	.28920	.64239	.25699	.31605	.26847	.31258	.26984	.26847	.05990
2.274	21.120	.28855	.67365	.25811	.31195	.25919	.31072	.26702	.26605	.04556
	GRADIENT	.00014	.01781	.00394	.00035	.00348	-.00206	-.00165	-.00077	-.02849

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP17
2.493	-2.969	-.17938	.11716	.34672	.33871	.33078	.32266	.32482	.30625	.58050
2.493	-1.958	-.17932	.13093	.34874	.34170	.32847	.32515	.32178	.30485	.55423
2.493	.050	-.17997	.16414	.35431	.34304	.33926	.32296	.32048	.30226	.50078
2.493	1.994	-.18036	.19792	.34522	.33386	.32025	.30914	.31346	.29701	.44619
2.493	4.013	-.18012	.23981	.35662	.33489	.32428	.29733	.30971	.29287	.38540
2.493	5.968	-.18084	.27952	.36417	.33767	.32754	.29973	.30556	.28839	.33839
2.493	7.942	-.18100	.32260	.34273	.33345	.33030	.30365	.30090	.28211	.29334
2.493	9.972	-.18132	.36883	.33045	.32934	.33213	.30854	.29636	.28049	.25098
2.493	11.944	-.18052	.41686	.32049	.31878	.33242	.29986	.29186	.27603	.20704
2.493	13.985	-.18054	.46939	.30310	.32763	.32704	.30438	.28727	.27498	.17081
2.493	15.967	-.18024	.52354	.28250	.32335	.32187	.30611	.28604	.27113	.12624
2.493	18.022	-.18052	.58039	.26446	.31913	.31111	.30610	.28354	.26769	.09106
2.493	20.052	-.18146	.63979	.25809	.31304	.29574	.30363	.28048	.26433	.06052
2.493	21.038	-.18221	.67015	.25916	.30884	.28734	.30341	.27716	.26152	.04742
	GRADIENT	-.00014	.01752	.00090	-.00093	-.00122	-.00386	-.00215	-.00195	-.02786

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (FGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.007	-2.855	-.00118	.17942	.21588	.17368	.17467	.12109	.12268	.09606	.10510
2.007	-1.967	-.00160	.19648	.21516	.17521	.17661	.12130	.12371	.09541	.10618
2.007	.058	-.00230	.20754	.21628	.18120	.18248	.12589	.13044	.09617	.10904
2.007	2.037	-.00240	.20720	.21680	.18427	.18991	.13200	.13438	.09572	.10866
2.007	4.059	-.00198	.21136	.21843	.19026	.19450	.13009	.13642	.09515	.10545
2.007	6.022	-.00224	.21621	.22242	.19298	.19892	.13021	.13611	.09571	.10558
2.007	8.012	-.00198	.21965	.22701	.19022	.20279	.12889	.13252	.09472	.10296
2.007	10.025	-.00159	.22099	.23272	.19296	.20673	.12767	.13050	.09443	.10175
2.007	12.026	-.00125	.22552	.23380	.19540	.20953	.12611	.12678	.09157	.10234
2.007	14.013	-.00091	.22510	.23885	.19839	.20695	.12655	.12453	.09066	.09976
2.007	16.090	-.00051	.22158	.23727	.19534	.20386	.12175	.12205	.08717	.09799
2.007	18.137	-.00078	.22108	.23454	.19391	.20293	.11866	.12064	.08532	.09489
2.007	20.137	-.00252	.21878	.23009	.18947	.19847	.11853	.12396	.08523	.09476
2.007	21.114	-.00266	.21612	.22960	.18933	.19796	.11885	.12600	.08854	.09507
	GRADIENT	-.00012	.00391	.00040	.00237	.00298	.00161	.00213	-.00008	.00014

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.274	-2.966	.28618	.12890	.20043	.15316	.16989	.10243	.11519	.07334	.09005
2.274	-1.869	.28614	.13921	.20356	.15277	.17001	.10284	.11302	.07322	.08786
2.274	.096	.28602	.16699	.21175	.15579	.16999	.10232	.11256	.07183	.08690
2.274	1.989	.28618	.18000	.21405	.15504	.17101	.10334	.11272	.07066	.08621
2.274	3.952	.28736	.18502	.20747	.15584	.17174	.10491	.11126	.07141	.08563
2.274	6.014	.28743	.18774	.20773	.15727	.17146	.10461	.11019	.07327	.08619
2.274	7.988	.28785	.18866	.20774	.15946	.17367	.10299	.10938	.07463	.08499
2.274	9.993	.28805	.19081	.20683	.16029	.17411	.10129	.10893	.07506	.08416
2.274	11.986	.28910	.19372	.20689	.16295	.17617	.10211	.10900	.07729	.08327
2.274	13.994	.29019	.19281	.20664	.16319	.17526	.10203	.10706	.07927	.08147
2.274	16.021	.29070	.19462	.20989	.16249	.17491	.10422	.10637	.07721	.08066
2.274	18.064	.29118	.19314	.20798	.16272	.17386	.10660	.10960	.07832	.08090
2.274	20.064	.28920	.19 37	.20739	.16048	.17167	.11170	.11205	.07782	.07915
2.274	21.120	.28855	.19066	.20721	.16239	.17053	.11270	.11441	.07713	.07887

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (FGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26
2.493	-2.969	-.17938	.14229	.18476	.15804	.15348	.11044	.10702	.08279	.08893
2.493	-1.958	-.17932	.14463	.18706	.15958	.15494	.11156	.10817	.08272	.08879
2.493	.050	-.17997	.16375	.19586	.16023	.15816	.11213	.11043	.08282	.08977
2.493	1.994	-.18036	.18083	.20262	.15923	.16147	.11285	.11071	.08005	.08789
2.493	4.013	-.18012	.18962	.19683	.16159	.16381	.11433	.11093	.07938	.08809
2.493	5.968	-.18084	.19289	.19580	.16442	.16794	.11288	.11078	.08050	.08750
2.493	7.942	-.18100	.19562	.19887	.16801	.16852	.11086	.10956	.07843	.08633
2.493	9.972	-.18132	.19874	.20160	.16950	.17120	.10925	.10884	.07597	.08601
2.493	11.944	-.18052	.20157	.20360	.17061	.17187	.10774	.10951	.07444	.08364
2.493	13.985	-.18054	.20357	.20646	.17087	.17173	.10720	.10897	.07389	.08441
2.493	15.967	-.18024	.20405	.20694	.16880	.17094	.10816	.10864	.07272	.08236
2.493	18.022	-.18052	.20448	.20995	.16802	.17009	.10818	.11295	.07149	.08281
2.493	20.052	-.18146	.20280	.20955	.16490	.16880	.10814	.11506	.06919	.08103
2.493	21.038	-.18221	.20171	.20890	.16420	.16772	.10792	.11699	.06895	.07995
	GRADIENT	-.00014	.00734	.00216	.00036	.00152	.00050	.00056	-.00054	-.00015

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (GGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.007	-2.855	-.00118	.48928	.33198
2.007	-1.967	-.00160	.49553	.33382
2.007	.058	-.00230	.51389	.33492
2.007	2.037	-.00240	.52579	.34024
2.007	4.059	-.00198	.53952	.35012
2.007	6.022	-.00224	.54990	.36097
2.007	8.012	-.00198	.55898	.37157
2.007	10.025	-.00159	.56754	.38071
2.007	12.026	-.00125	.57526	.38445
2.007	14.013	-.00091	.58262	.39074
2.007	16.090	-.00051	.58856	.39612
2.007	18.137	-.00078	.59195	.40027
2.007	20.137	-.00252	.59654	.40487
2.007	21.114	-.00266	.59838	.40791
	GRADIENT	-.00012	.00731	.00244

0A234 LERC 10SWT 42 LHFO.2A RHFN.1S (GGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.274	-2.966	.28618	.51277	.27802
2.274	-1.869	.28614	.44301	.28771
2.274	.096	.28602	.44326	.31267
2.274	1.989	.28618	.46314	.32482
2.274	3.952	.28736	.48624	.33622
2.274	6.014	.28743	.50785	.35022
2.274	7.988	.28785	.51984	.36001
2.274	9.993	.28805	.53223	.36633
2.274	11.986	.28910	.53793	.37236
2.274	13.994	.29019	.54230	.37677
2.274	16.021	.29070	.54725	.37803
2.274	18.064	.29118	.54447	.37826
2.274	20.064	.28920	.54007	.37801
2.274	21.120	.28855	.53765	.37746
	GRADIENT	.00014	-.00089	.00862

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP43	CP44
2.493	-2.969	-.17938	.40567	.27927
2.493	-1.958	-.17932	.39463	.29856
2.493	.050	-.17997	.41712	.30536
2.493	1.994	-.18036	.43601	.31129
2.493	4.013	-.18012	.45939	.32397
2.493	5.968	-.18084	.47554	.33539
2.493	7.942	-.18100	.49038	.34316
2.493	9.972	-.18132	.50339	.35106
2.493	11.944	-.18052	.51235	.35788
2.493	13.985	-.18054	.51807	.36409
2.493	15.967	-.18024	.52229	.36622
2.493	18.022	-.18052	.52311	.37093
2.493	20.052	-.18146	.52123	.37495
2.493	21.038	-.18221	.51970	.37658

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-2.926	.11099	497.45239	2.32197	176.31221	1396.03979	1.65859	574.27661	90.00000
2.008	-2.007	.11021	497.38574	2.32197	176.29114	1395.83862	1.65859	574.44067	90.00000
2.008	-1.017	.10991	497.41284	2.32197	176.30257	1395.90869	1.65859	574.60474	90.00000
2.008	-.008	.10984	497.60596	2.32197	176.36116	1396.49390	1.65860	573.94849	90.00000
2.008	1.008	.11030	497.54468	2.32197	176.35379	1396.25757	1.65858	575.09717	90.00000
2.008	1.972	.11137	497.26294	2.32197	176.25745	1395.45068	1.65858	575.15186	90.00000
2.008	2.925	.11167	497.52686	2.32197	176.34900	1396.20190	1.65858	575.20654	90.00000
2.008	4.929	.11248	497.36401	2.32197	176.29568	1395.72510	1.65858	575.42529	90.00000
	GRADIENT	.00026	-.00593	.00000	-.00008	-.02564	-.00000	.16266	.00000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.930	.11588	502.23096	2.40654	138.68913	1666.30933	1.69661	581.21704	90.00000
2.275	-2.007	.11545	503.22119	2.40654	138.95874	1669.62988	1.69661	581.65356	90.00000
2.274	-1.064	.11510	503.04102	2.40654	138.91278	1668.99878	1.69661	581.87207	90.00000
2.275	.008	.11452	502.57031	2.40654	138.77335	1667.52295	1.69661	580.56201	90.00000
2.274	.960	.11498	503.00073	2.40654	138.90656	1668.81641	1.69660	582.30859	90.00000
2.274	1.976	.11525	503.19067	2.40654	138.95793	1669.45752	1.69660	582.36328	90.00000
2.274	2.889	.11536	502.99194	2.40654	138.90701	1668.76221	1.69660	582.58154	90.00000
2.274	4.830	.11573	503.11890	2.40654	138.94205	1669.18311	1.69660	582.69067	90.00000
	GRADIENT	.00000	.06440	.00000	.01932	.19924	-.00000	.20161	.00000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.494	-2.918	.11395	500.52197	2.49111	114.92737	1946.34229	1.70540	583.89087	90.00000
2.494	-1.932	.11360	500.12793	2.49111	114.84052	1944.75220	1.70675	584.05444	90.00000
2.494	-.958	.11352	499.53735	2.49111	114.71014	1942.37451	1.70876	584.27271	90.00000
2.494	-.023	.11435	501.05957	2.49111	115.04431	1948.53857	1.70357	583.45459	90.00000
2.494	.957	.11441	500.28589	2.49111	114.87985	1945.31836	1.70621	584.59985	90.00000
2.494	1.964	.11460	500.20264	2.49111	114.86209	1944.97388	1.70649	584.70898	90.00000
2.494	2.945	.11475	500.33154	2.49111	114.89172	1945.47388	1.70605	584.81812	90.00000
2.494	4.957	.11573	500.50073	2.49111	114.93193	1946.11255	1.70547	585.14526	90.00000
	GRADIENT	.00025	.02448	.00000	.00673	.07770	-.00008	.17016	.00000

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.659	-2.930	.09721	435.21729	2.27774	87.96907	1921.41309	1.73358	581.70801	90.00000
2.659	-1.968	.09685	435.26709	2.27774	87.97797	1921.66064	1.73358	581.70776	90.00000
2.659	-.947	.09670	435.26587	2.27774	87.97203	1921.78564	1.73359	581.48950	90.00000
2.659	-.012	.09682	435.30225	2.27774	87.98563	1921.80225	1.73358	581.76245	90.00000
2.658	.952	.09691	435.16919	2.27774	87.96327	1921.11060	1.73357	581.81714	90.00000
2.659	1.988	.09704	435.25342	2.27774	87.96983	1921.72314	1.73359	581.48950	90.00000
2.659	2.953	.09692	435.21997	2.27774	87.96533	1921.52222	1.73358	581.54419	90.00000
2.659	4.945	.09753	435.26050	2.27774	87.97684	1921.62671	1.73358	581.70801	90.00000
	GRADIENT	.00005	-.00068	.00000	-.00029	.00059	.00000	-.00694	-.00000

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (JGY002) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.008	-2.926	.11099	.93140	.98190	.88097	.40986	.41671	.39870	.33901	.24598
2.008	-2.007	.11021	.93442	.98319	.90038	.40813	.41603	.40216	.32864	.26051
2.008	-1.017	.10991	.94034	.96227	.92131	.40670	.41536	.40765	.31598	.27861
2.008	-.008	.10984	.94156	.98017	.93553	.40490	.41451	.40940	.29866	.30436
2.008	1.008	.11030	.93631	1.04155	.92099	.40092	.41520	.41147	.28173	.33249
2.008	1.972	.11137	.91786	1.02612	.94388	.39811	.41575	.41409	.26458	.35828
2.008	2.925	.11167	.93281	1.02198	.94558	.39297	.41371	.41499	.24612	.38151
2.008	4.929	.11248	.90522	.86314	.87356	.38625	.40956	.42005	.20954	.41522
	GRADIENT	.00026	-.00320	-.00633	.00143	-.00306	-.00071	.00260	-.01671	.02283

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.274	-2.930	.11588	.88061	.90715	.80955	.38406	.39017	.37117	.33658	.22436
2.275	-2.007	.11545	.89127	.91816	.82208	.38446	.39230	.37673	.31572	.23973
2.274	-1.064	.11510	.90639	.91590	.84982	.38455	.39368	.38358	.29655	.25702
2.275	.008	.11452	.91031	.91367	.88460	.38436	.39617	.38904	.27362	.28051
2.274	.960	.11498	.88818	.93919	.87602	.38303	.39852	.39317	.25402	.30803
2.274	1.976	.11525	.89261	1.01187	.92189	.37979	.39870	.39557	.23376	.34400
2.274	2.889	.11536	.89149	1.00138	.90379	.37809	.39880	.39858	.21749	.36993
2.274	4.830	.11573	.87105	.82997	.81409	.37019	.39462	.40392	.18274	.40452
	GRADIENT	.00000	-.00175	.00002	.00581	-.00170	.00082	.00420	-.01991	.02469

OA234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (JGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.494	-2.918	.11395	.82082	.89206	.79000	.37449	.38054	.36199	.33715	.22272
2.494	-1.932	.11360	.85362	.90954	.79712	.37277	.38096	.36620	.31693	.24215
2.494	-.958	.11352	.87628	.91073	.80696	.37198	.38069	.37101	.29673	.26385
2.494	-.023	.11435	.89339	.90325	.82850	.36947	.38110	.37365	.27514	.28715
2.494	.952	.11441	.86653	.92259	.82966	.36696	.38161	.37537	.25317	.31788
2.494	1.964	.11460	.90415	1.01655	.91227	.36276	.38128	.37762	.23306	.35006
2.494	2.945	.11475	.88512	.98914	.86859	.35939	.37967	.37903	.21346	.37447
2.494	4.957	.11573	.86375	.80573	.73909	.35253	.37571	.38507	.17566	.40518
	GRADIENT	.00025	.00507	-.00111	.00143	-.00285	-.00048	.00275	-.02077	.02473

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.659	-2.930	.09721	.74157	.83709	.75727	.36259	.36583	.34849	.31866	.21055
2.659	-1.968	.09685	.77281	.86398	.75177	.36183	.36843	.35311	.29668	.22969
2.659	-.947	.09670	.78949	.87162	.74766	.36210	.37026	.35790	.27476	.25050
2.659	-.012	.09682	.80486	.87031	.74448	.35829	.36897	.35995	.25416	.27464
2.658	.952	.09691	.81275	.87263	.74482	.35715	.36981	.36282	.23723	.30893
2.659	1.988	.09704	.79972	.87322	.74416	.35176	.36922	.36422	.21702	.33879
2.659	2.953	.09692	.78866	.84968	.73515	.34709	.36762	.36850	.20004	.35764
2.659	4.945	.09753	.76123	.75622	.70507	.33754	.36240	.37519	.16679	.38684
	GRADIENT	.00005	.00210	-.00837	-.00542	-.00322	-.00042	.00319	-.01930	.02401

OA234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (KGY002) (29 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.008	-2.926	.11099	.25650	.18232	.25380	.14162	.31614	.15778	.27896	.16050
2.008	-2.007	.11021	.23361	.19684	.23693	.15933	.29582	.17638	.25737	.17372
2.008	-1.017	.10991	.20972	.21060	.21734	.17863	.27382	.19614	.23650	.18967
2.008	-.008	.10984	.18684	.21720	.19880	.19849	.25077	.21696	.21749	.20586
2.008	1.008	.11030	.16515	.21660	.18010	.21652	.23142	.23935	.20573	.22270
2.008	1.972	.11137	.14664	.21968	.16622	.23434	.21401	.26181	.20021	.23712
2.008	2.925	.11167	.12824	.24168	.14865	.25217	.19415	.28181	.19300	.25345
2.008	4.929	.11248	.09508	.29413	.11723	.29810	.15893	.32530	.17239	.29195
	GRADIENT	.00026	-.02069	.01197	-.01745	.01955	-.02008	.02143	-.01306	.01657

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (KGY002) (29 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.274	-2.930	.11588	.23735	.17205	.23754	.11889	.28269	.12919	.26044	.18416
2.275	-2.007	.11545	.21837	.18839	.21897	.13428	.26216	.14586	.24484	.16854
2.274	-1.064	.11510	.20046	.20437	.20097	.15177	.24321	.16505	.22992	.18279
2.275	.008	.11452	.18042	.22047	.18053	.17444	.22220	.18609	.21334	.20232
2.274	.960	.11498	.16348	.22478	.16480	.19167	.20666	.20714	.20106	.21874
2.274	1.976	.11525	.14539	.21640	.14715	.21284	.18706	.23053	.18637	.23365
2.274	2.889	.11536	.13038	.23151	.13212	.23287	.17021	.25187	.18376	.25007
2.274	4.830	.11573	.09906	.28346	.10161	.27624	.13719	.29317	.16523	.28346
	GRADIENT	.00000	-.01783	.01196	-.01752	.02027	-.01865	.02136	-.01239	.01448

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.494	-2.918	.11395	.25560	.18105	.24677	.13286	.28822	.13672	.27534	.19060
2.494	-1.932	.11360	.23577	.19656	.22643	.14817	.26603	.15418	.25337	.17571
2.494	-.958	.11352	.21676	.21168	.20651	.16431	.24516	.17206	.23438	.19428
2.494	-.023	.11435	.19926	.22561	.18773	.18168	.22648	.19030	.21683	.21087
2.494	.952	.11441	.18147	.22502	.16942	.19778	.20678	.20855	.19907	.22459
2.494	1.964	.11460	.16393	.22987	.15186	.21803	.18774	.23055	.18497	.24202
2.494	2.945	.11475	.14652	.24786	.13489	.23921	.17015	.25137	.16840	.25871
2.494	4.957	.11573	.11213	.30722	.10217	.28212	.13749	.29349	.13016	.29377
	GRADIENT	.00025	-.01818	.01383	-.01842	.01891	-.01922	.01997	-.01799	.01466

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.659	-2.930	.09721	.25253	.17107	.23182	.13015	.27049	.12949	.26141	.17956
2.659	-1.968	.09685	.23303	.18673	.21324	.14421	.25116	.14503	.24339	.16874
2.659	-.947	.09670	.21308	.20305	.19330	.16029	.23202	.16216	.22591	.18406
2.659	-.012	.09682	.19396	.21270	.17609	.17521	.21270	.17905	.20778	.19971
2.659	1.988	.09704	.15681	.21948	.14329	.21011	.17701	.21644	.17507	.23397
2.659	2.953	.09692	.14034	.24533	.12831	.22817	.16139	.23753	.16106	.25132
2.659	4.945	.09753	.10758	.30451	.09744	.26795	.12966	.27832	.12386	.30252
	GRADIENT	.00005	-.01852	.01475	-.01703	.01743	-.01798	.01891	-.01725	.01643

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-4.849	.11296	497.60034	2.40367	176.22035	1397.09668	1.65874	562.38037	270.00000
2.009	-2.920	.11111	497.80371	2.40367	176.28513	1397.69873	1.65874	561.94092	270.00000
2.009	-1.892	.11021	497.60229	2.40367	176.21187	1397.14429	1.65874	561.61108	270.00000
2.009	-.959	.10980	497.60767	2.40367	176.21169	1397.16797	1.65875	561.44604	270.00000
2.009	.021	.10984	497.82886	2.40367	176.25150	1397.98118	1.65878	558.36670	270.00000
2.009	1.021	.10914	497.69189	2.40367	176.22963	1397.45679	1.65876	560.51147	270.00000
2.009	1.990	.10929	497.80762	2.40367	176.26123	1397.82373	1.65877	559.79687	270.00000
2.009	3.002	.11020	497.60645	2.40367	176.18536	1397.27881	1.65877	559.24683	270.00000
	GRADIENT	-.00038	.00735	-.00000	-.00260	.04381	.00000	-.43368	-.00000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-4.893	.11367	502.91943	2.47701	138.76941	1669.62451	1.69672	571.04712	270.00000
2.275	-3.094	.11174	502.52368	2.47701	138.66171	1668.29517	1.69672	570.88257	270.00000
2.275	-1.888	.11093	502.72778	2.47701	138.71527	1668.99951	1.69672	570.77319	270.00000
2.275	-.983	.11079	502.69580	2.47701	138.70221	1668.93335	1.69672	570.33472	270.00000
2.276	.104	.11027	502.80200	2.47701	138.71106	1669.47803	1.69674	568.41699	270.00000
2.275	.998	.11058	502.67871	2.47701	138.69099	1668.93726	1.69673	569.67773	270.00000
2.276	2.006	.11056	502.64087	2.47701	138.67580	1668.85596	1.69674	569.18433	270.00000
2.276	3.017	.11036	502.79810	2.47701	138.71567	1669.40894	1.69673	568.96509	270.00000
	GRADIENT	-.00036	-.00606	.00000	-.00479	.00889	.00000	-.31012	.00000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-4.900	.11864	500.53223	2.55506	114.86765	1947.37451	1.70481	575.42505	270.00000
2.495	-2.932	.11741	500.43164	2.55506	114.84404	1946.99341	1.70515	575.26123	270.00000
2.495	-1.991	.11701	500.58374	2.55506	114.87401	1947.66284	1.70463	574.71436	270.00000
2.495	-1.165	.11684	500.57300	2.55506	114.87006	1947.64502	1.70467	574.49536	270.00000
2.049	.049	.11631	500.79907	2.55506	114.90962	1948.71729	1.70390	572.96338	270.00000
2.495	.966	.11697	500.27832	2.55506	114.79901	1946.55249	1.70567	573.78394	270.00000
2.495	2.029	.11714	500.61450	2.55506	114.87151	1947.93237	1.70453	573.40112	270.00000
2.495	3.092	.11707	500.63647	2.55506	114.87518	1948.03857	1.70445	573.23682	270.00000
	GRADIENT	-.00016	.01044	.00000	.00005	.07760	-.00004	-.31727	.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-4.885	.10361	434.15552	2.32114	87.55310	1921.35791	1.73382	573.07227	270.00000
2.662	-2.952	.10256	434.15039	2.32114	87.54636	1921.46655	1.73382	572.85352	270.00000
2.661	-1.940	.10219	434.05444	2.32114	87.53818	1920.78711	1.73380	573.18188	270.00000
2.662	-.999	.10182	434.05078	2.32114	87.52434	1921.07129	1.73382	572.68921	270.00000
2.662	.104	.10107	434.10205	2.32114	87.52899	1921.43164	1.73383	572.52515	270.00000
2.662	.978	.10147	434.28564	2.32114	87.56728	1922.21362	1.73383	572.74390	270.00000
2.662	1.982	.10155	433.99292	2.32114	87.51698	1920.71582	1.73382	572.79858	270.00000
2.662	3.092	.10158	434.10889	2.32114	87.53458	1921.36035	1.73382	572.68921	270.00000
	GRADIENT	-.00026	-.00463	-.00000	-.00216	.00788	.00000	-.05004	-.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (JGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.008	-4.849	.11296	.89138	.86513	.90896	.41346	.40866	.38720	.35985	.21682
2.009	-2.920	.11111	.94395	1.00849	.93983	.40904	.41293	.39475	.33601	.24910
2.009	-1.892	.11021	.94118	1.01912	.94938	.40718	.41487	.40047	.32761	.26275
2.009	-.959	.10980	.94039	.97415	.96160	.40728	.41498	.40577	.31605	.27552
2.009	.021	.10984	.95516	1.03221	1.00152	.40444	.41429	.40985	.30113	.29404
2.009	1.021	.10914	.94206	1.05895	.93396	.40390	.41645	.41191	.28546	.32366
2.009	1.990	.10923	.92507	1.03522	.94885	.39999	.41667	.41438	.26813	.35221
2.009	3.002	.11020	.93106	1.02374	.94601	.39658	.41673	.41756	.24955	.37796
	GRADIENT	-.00038	.00290	.01731	.00383	-.00197	.00093	.00394	-.01393	.02046

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.275	-4.893	.11367	.77799	.79588	.83572	.37987	.37694	.36669	.36361	.18766
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.275	-1.888	.11093	.94040	.99071	.92952	.37012	.37854	.36461	.31406	.24294
2.275	-.983	.11079	.89328	.91456	.96848	.36767	.37788	.36917	.29748	.26343
2.276	.104	.11027	.90474	1.01547	.92642	.36627	.37854	.37146	.27684	.29177
2.275	.998	.11058	.91842	1.03406	.89375	.36328	.37847	.37268	.25843	.31933
2.276	2.006	.11056	.89702	1.01524	.92540	.35897	.37792	.37478	.23784	.35074
2.276	3.017	.11036	.89938	1.00623	.91176	.35675	.37721	.37734	.21773	.37721
	GRADIENT	-.00036	.01072	.02168	.00646	-.00281	.00008	.00270	-.01876	.02450

OA234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (JGY003) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.495	-4.900	.11864	.76681	.80131	.84102	.38846	.38408	.36491	.38631	.19308
2.495	-2.932	.11741	.90636	1.01089	.89523	.38355	.38946	.37275	.34227	.22800
2.495	-1.991	.11701	.95579	1.01303	.93659	.38258	.38820	.37409	.32156	.24457
2.495	-1.165	.11684	.89091	.91659	.96200	.38035	.38899	.37838	.30343	.26142
2.495	.049	.11631	.88997	.99812	.93126	.37610	.39060	.38515	.27387	.28960
2.495	.966	.11697	.92107	1.04439	.90663	.37487	.39190	.38651	.25707	.31339
2.495	2.029	.11714	.90730	1.01792	.93700	.37194	.39083	.38881	.23486	.35007
2.495	3.092	.11707	.91448	1.01467	.88740	.36908	.39133	.39139	.21351	.38309
	GRADIENT	-.00016	.01178	.02069	.00526	-.00243	.00081	.00342	-.02171	.02376

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.662	-4.885	.10361	.72333	.74150	.85239	.37285	.36548	.34651	.36740	.18013
2.662	-2.952	.10256	.76870	.85960	.77373	.36800	.37258	.35609	.32193	.21381
2.661	-1.940	.10219	.79825	.88764	.76966	.36635	.37398	.36039	.29998	.23425
2.662	-.999	.10182	.81638	.89288	.76843	.36408	.37370	.36507	.27987	.25400
2.662	.104	.10107	.84562	.89435	.77476	.36304	.37559	.36899	.25406	.28145
2.662	.978	.10147	.83562	.89671	.77335	.35977	.37484	.37016	.23897	.30778
2.662	1.982	.10155	.81753	.89590	.76895	.35660	.37615	.37351	.22086	.34211
2.662	3.092	.10158	.79829	.85362	.75087	.35355	.37508	.37777	.19950	.37257
	GRADIENT	-.00026	.01069	.01239	-.00869	-.00235	.00106	.00380	-.02100	.02450

OA234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (KGY003) (29 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.008	-4.849	.11296	.31402	.15133	.30284	.10828	.36597	.12419	.33996	.13037
2.009	-2.920	.11111	.26298	.18018	.25762	.13986	.31972	.15554	.28113	.15312
2.009	-1.892	.11021	.23509	.19598	.23734	.16902	.29676	.17460	.25801	.16804
2.009	-.959	.10980	.21490	.21008	.21972	.17729	.27595	.19290	.23694	.18607
2.009	.021	.10984	.18962	.22165	.20091	.19351	.25436	.21259	.21944	.20463
2.009	1.021	.10914	.17008	.22117	.18394	.21156	.23383	.23541	.21026	.22336
2.009	1.990	.10929	.14884	.21706	.16695	.22750	.21400	.25735	.19724	.23625
2.009	3.002	.11020	.12894	.23495	.14883	.24696	.19218	.27994	.20329	.25328
	GRADIENT	-.00038	-.02350	.00983	-.01929	.01772	-.02198	.02006	-.01767	.01625

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (KGY003) (29 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.275	-4.893	.11367	.30245	.14182	.27947	.09589	.33279	.10350	.31015	.14874
2.275	-3.094	.11174	.24931	.17190	.24634	.12480	.29250	.13455	.26386	.15200
2.275	-1.888	.11093	.22420	.19193	.22329	.14590	.26800	.15649	.24089	.17204
2.275	-.983	.11079	.20677	.20551	.20638	.16313	.24830	.17340	.22388	.18605
2.276	.104	.11027	.18658	.21833	.18650	.18358	.22741	.19549	.20626	.20320
2.275	.998	.11058	.17029	.21738	.17014	.19981	.20960	.21467	.19125	.21566
2.276	2.006	.11056	.15226	.22333	.15167	.21858	.19048	.23689	.17536	.23240
2.276	3.017	.11036	.13647	.24509	.13377	.23997	.17118	.25834	.15871	.24898
	GRADIENT	-.00036	-.02041	.01200	-.01847	.01825	-.02034	.01969	-.01860	.01358

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.495	-4.900	.11864	.29476	.15527	.28963	.10956	.33333	.11196	.31668	.12005
2.495	-2.932	.11741	.25199	.18671	.24671	.13766	.28880	.14132	.27478	.19975
2.495	-1.991	.11701	.23434	.20157	.22700	.15186	.26845	.15732	.25668	.18723
2.495	-1.165	.11684	.21878	.21625	.20975	.16422	.25013	.17189	.24113	.19670
2.495	.049	.11631	.19613	.23710	.18742	.18669	.22625	.19516	.22018	.22061
2.495	.966	.11697	.18099	.25131	.17139	.20420	.20961	.21226	.20592	.23611
2.495	2.029	.11714	.16182	.24765	.15268	.22541	.18901	.23526	.18416	.25199
2.495	3.092	.11707	.14305	.25902	.13510	.24660	.17042	.25937	.16797	.26987
	GRADIENT	-.00016	-.01874	.01332	-.01924	.01728	-.02032	.01850	-.01843	.01672

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.662	-4.885	.10361	.29112	.14353	.27512	.10640	.31642	.10855	.30598	.11644
2.662	-2.952	.10256	.25159	.17571	.23411	.13521	.27395	.13593	.26447	.18373
2.661	-1.940	.10219	.23163	.19215	.21413	.15042	.25280	.15117	.24451	.20117
2.662	-.999	.10182	.21400	.20738	.19598	.16497	.23295	.16722	.22589	.18883
2.662	.104	.10107	.19215	.22583	.17658	.18274	.21280	.18743	.20750	.21080
2.662	.978	.10147	.17611	.23116	.16053	.19838	.19609	.20364	.19145	.22415
2.662	1.982	.10155	.15894	.23338	.14385	.21738	.17771	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.24588	.15889	.25938
	GRADIENT	-.00026	-.01900	.01309	-.01852	.01644	-.01965	.01738	-.01839	.01571

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.875	-.00033	497.88623	2.38681	176.31038	1397.95044	1.65875	561.66602	.00000
2.009	-1.849	-.00073	497.68701	2.38681	176.24297	1397.37500	1.65874	561.77588	.00000
2.009	.102	-.00154	497.54858	2.38681	176.18155	1397.04248	1.65875	560.62158	.00000
2.008	2.137	-.00152	497.59961	2.38681	176.21892	1397.10181	1.65873	562.27051	.00000
2.008	4.140	-.00170	497.44434	2.38681	176.16797	1396.64575	1.65873	562.49023	.00000
2.008	6.135	-.00171	497.71753	2.38681	176.26599	1397.40698	1.65873	562.81982	.00000
2.008	8.150	-.00150	497.71851	2.38681	176.26636	1397.40991	1.65873	562.81982	.00000
2.008	10.153	-.00089	497.40601	2.38681	176.16185	1396.50415	1.65872	563.09448	.00000
2.008	12.087	-.00046	497.68066	2.38681	176.25914	1397.27539	1.65872	563.31421	.00000
2.008	14.150	.00026	497.61133	2.38681	176.23647	1397.07251	1.65872	563.42407	.00000
2.008	16.093	.00100	497.86548	2.38681	176.33000	1397.77051	1.65872	563.91821	.00000
2.008	18.144	.00048	497.65771	2.38681	176.25771	1397.18213	1.65872	563.86328	.00000
2.008	20.143	-.00117	497.65210	2.38681	176.25974	1397.14941	1.65871	564.19263	.00000
2.008	21.164	-.00119	497.66528	2.38681	176.26489	1397.18237	1.65871	564.24756	.00000
	GRADIENT	-.00019	-.05142	.00000	-.01617	-.15340	-.00000	.12878	.00000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.934	.28602	502.30347	2.47705	138.58432	1667.72046	1.69673	569.07446	.00000
2.276	-1.790	.28624	502.64355	2.47705	138.67595	1668.86865	1.69673	569.12939	.00000
2.275	.018	.28628	502.46704	2.47705	138.63374	1668.22070	1.69673	569.62231	.00000
2.276	2.025	.28727	502.31299	2.47705	138.58522	1667.76953	1.69674	568.90991	.00000
2.276	4.036	.28775	502.45996	2.47705	138.62566	1668.25854	1.69673	569.01953	.00000
2.275	6.095	.28834	502.41626	2.47705	138.61671	1668.08154	1.69673	569.29370	.00000
2.275	8.082	.28875	502.22485	2.47705	138.56612	1667.42603	1.69672	569.34839	.00000
2.275	10.121	.28897	502.60962	2.47705	138.67239	1668.70386	1.69672	569.67725	.00000
2.275	12.107	.28994	502.26196	2.47705	138.57823	1667.53247	1.69673	569.56763	.00000
2.275	14.122	.29123	502.56323	2.47705	138.66344	1668.51343	1.69672	570.00610	.00000
2.275	16.145	.29175	503.03296	2.47705	138.78967	1670.10425	1.69673	570.06104	.00000
2.275	18.031	.29208	502.69238	2.47705	138.70363	1668.89771	1.69672	570.55371	.00000
2.275	20.119	.29012	502.52026	2.47705	138.65633	1668.32617	1.69672	570.44434	.00000
2.275	21.084	.28962	502.70752	2.47705	138.70479	1668.97754	1.69672	570.28003	.00000
	GRADIENT	.00026	-.00428	.00000	-.00139	-.01196	.00000	-.02347	.00000

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.000	-.17936	499.76489	2.56351	114.66887	1944.75000	1.70693	571.64893	.00000
2.495	-1.927	-.17929	500.06494	2.56351	114.73561	1945.95190	1.70590	571.59448	.00000
2.495	.020	-.17982	499.88770	2.56351	114.69707	1945.22632	1.70651	571.75854	.00000
2.495	2.007	-.17991	500.33154	2.56351	114.79762	1946.97388	1.70499	571.92285	.00000
2.495	4.022	-.17981	500.13428	2.56351	114.75391	1946.18506	1.70567	571.97778	.00000
2.495	6.029	-.18021	499.97998	2.56351	114.72163	1945.52930	1.70619	572.30615	.00000
2.495	8.020	-.18039	500.41504	2.56351	114.81862	1947.27026	1.70471	572.25122	.00000
2.495	10.026	-.18063	500.12744	2.56351	114.75621	1946.09473	1.70569	572.52515	.00000
2.495	11.997	-.17989	500.04248	2.56351	114.73882	1945.72778	1.70598	572.74390	.00000
2.495	14.052	-.17976	499.94067	2.56351	114.71597	1945.32471	1.70633	572.74414	.00000
2.495	16.047	-.17968	500.22437	2.56351	114.78108	1946.42896	1.70536	572.96289	.00000
2.495	17.986	-.17996	500.17651	2.56351	114.77351	1946.18677	1.70552	573.40088	.00000
2.495	20.017	-.18086	500.11865	2.56351	114.75859	1945.98975	1.70572	573.12695	.00000
	GRADIENT	-.00008	.05333	.00000	.01234	.20603	-.00018	.05607	.00000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.663	-3.096	-.11857	434.04224	2.33721	87.42940	1923.18823	1.73393	569.23853	.00000
2.663	-2.119	-.11835	434.02197	2.33721	87.43179	1922.94971	1.73392	569.45776	.00000
2.663	-.088	-.11834	433.85937	2.33721	87.40903	1921.99609	1.73391	569.67700	.00000
2.663	1.899	-.11805	434.10254	2.33721	87.44902	1923.28271	1.73392	569.56763	.00000
2.663	3.930	-.11784	434.09058	2.33721	87.45432	1923.05225	1.73392	569.84131	.00000
2.663	5.897	-.11778	433.93677	2.33721	87.42419	1922.34961	1.73392	569.73193	.00000
2.663	7.915	-.11769	434.02881	2.33721	87.44051	1922.80933	1.73391	569.73193	.00000
2.663	9.950	-.11763	433.97632	2.33721	87.44017	1922.33984	1.73390	570.06055	.00000
2.663	11.925	-.11753	433.92065	2.33721	87.42435	1922.19922	1.73391	569.84155	.00000
2.663	13.924	-.11659	433.91187	2.33721	87.42728	1922.05444	1.73390	570.00586	.00000
2.663	15.923	-.11644	434.14600	2.33721	87.46709	1923.25781	1.73391	569.95117	.00000
2.663	17.906	-.11644	433.89624	2.33721	87.42896	1921.87305	1.73390	570.17017	.00000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.663	20.906	-.11772	433.83159	2.33721	87.42189	1921.90137	1.73391	570.00586	.00000
	GRADIENT	.00010	.01129	.00000	.00390	.01240	-.00000	.07025	.00000

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (JGY004) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.009	-2.875	-.00033	1.01640	1.08086	.99248	.47189	.48187	.47561	.35954	.36138
2.009	-1.849	-.00073	.99223	1.06191	.95746	.44758	.45698	.45259	.35292	.34818
2.009	.102	-.00154	.95229	1.03521	.90888	.40008	.40951	.40515	.33827	.32157
2.008	2.137	-.00152	.90678	.99810	.86524	.35273	.36314	.35853	.31254	.32308
2.008	4.140	-.00170	.86429	.95391	.81964	.31403	.32590	.31938	.28593	.29104
2.008	6.135	-.00171	.81604	.90762	.76551	.28102	.29307	.28512	.26331	.27433
2.008	8.150	-.00150	.76275	.85986	.71963	.24192	.25487	.24799	.24408	.25661
2.008	10.153	-.00089	.68209	.80176	.61407	.20822	.22140	.21427	.22119	.23143
2.008	12.087	-.00046	.57901	.73844	.60462	.17912	.19296	.18576	.18992	.20037
2.008	14.150	.00026	.49758	.65732	.60597	.14631	.16109	.15366	.16316	.17243
2.008	16.093	.00100	.36962	.54355	.52667	.11289	.12657	.12194	.13794	.15187
2.008	18.144	.00048	.31700	.47240	.49293	.08835	.10351	.09867	.14147	.17550
2.008	20.143	-.00117	.27420	.40971	.41538	.06578	.07847	.07223	.17334	.20675
2.008	21.164	-.00119	.25648	.38378	.37100	.05412	.06669	.05925	.18674	.21722
	GRADIENT	-.00019	-.02161	-.01769	-.02413	-.02274	-.02245	-.02253	-.01053	-.00911

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.276	-2.934	.28602	.99953	1.09963	.96177	.43959	.45226	.44955	.31499	.33056
2.276	-1.790	.28624	.96900	1.07448	.94357	.41251	.42497	.42099	.30471	.32277
2.275	.018	.28628	.92668	1.02421	.89064	.36870	.38125	.37790	.29169	.30920
2.276	2.025	.28727	.87898	.96900	.83567	.32609	.33873	.33433	.28201	.31887
2.276	4.036	.28775	.82270	.91127	.77653	.28614	.29929	.29312	.26946	.29196
2.275	6.095	.28834	.75688	.84393	.68842	.24603	.25870	.25077	.25459	.27597
2.275	8.082	.28875	.68029	.78065	.58906	.20978	.22097	.21319	.24017	.25944
2.275	10.121	.28897	.58962	.70906	.51296	.17560	.18687	.17860	.22221	.23999
2.275	12.107	.28994	.48567	.61671	.50426	.14329	.15546	.14844	.20320	.21858
2.275	14.122	.29123	.39985	.52797	.48877	.11263	.12406	.11812	.17677	.18934
2.275	16.145	.29175	.31916	.44442	.40447	.08617	.09593	.09156	.15114	.16507
2.275	18.031	.29208	.26378	.36121	.34473	.06183	.07087	.06682	.12768	.14136
2.275	20.119	.29012	.20717	.27735	.30028	.03908	.04700	.04188	.10110	.12833
2.275	21.084	.28962	.17837	.30848	.26955	.02964	.03874	.03283	.10362	.13304
	GRADIENT	.00026	-.02500	-.02725	-.02711	-.02209	-.02202	-.02243	-.00635	-.00454

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (JGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.495	-3.000	-.17936	1.02221	1.11380	.97325	.44818	.45895	.45144	.31699	.30623
2.495	-1.927	-.17929	.99598	1.08774	.93501	.42049	.43209	.42450	.30264	.30198
2.495	.020	-.17982	.94577	1.03391	.88226	.37536	.38589	.37855	.29408	.28825
2.495	2.007	-.17991	.88785	.97541	.82770	.32886	.34101	.33444	.28501	.29547
2.495	4.022	-.17981	.81666	.90767	.76521	.28400	.29631	.29016	.27584	.27634
2.495	6.029	-.18021	.69875	.83845	.69681	.24341	.25657	.25022	.26233	.26438
2.495	8.020	-.18039	.59756	.76437	.61785	.20640	.21966	.21288	.25023	.25438
2.495	10.026	-.18063	.52220	.69061	.52411	.17159	.18403	.17665	.23778	.24224
2.495	11.997	-.17989	.43763	.60301	.45312	.14159	.15192	.14579	.22327	.22753
2.495	14.052	-.17976	.35202	.50633	.44162	.11206	.12122	.11749	.20448	.20772
2.495	16.047	-.17968	.29038	.42349	.33478	.08785	.09587	.09158	.18281	.18760
2.495	17.986	-.17996	.23474	.33492	.30339	.06332	.07011	.06739	.16043	.16358
2.495	20.017	-.18086	.16411	.24757	.31942	.04083	.04910	.04575	.12764	.13741
	GRADIENT	-.00008	-.02902	-.02930	-.02904	-.02332	-.02312	-.02290	-.00544	-.00367

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.663	-3.096	-.11857	.97384	1.08602	.93153	.43308	.44709	.43810	.29337	.28999
2.663	-2.119	-.11835	.95469	1.06984	.90250	.40802	.42088	.41352	.28516	.28676
2.663	-.088	-.11834	.88865	1.00580	.83867	.35944	.37131	.36488	.27522	.27821
2.663	1.899	-.11805	.79902	.93625	.76494	.31336	.32582	.31788	.26730	.27476
2.663	3.930	-.11784	.70339	.86659	.69211	.27242	.28383	.27683	.25607	.26180
2.663	5.897	-.11778	.61457	.78590	.61195	.23278	.24531	.23858	.24566	.25182
2.663	7.915	-.11769	.53015	.71625	.52576	.19653	.20759	.20083	.23565	.24165
2.663	9.950	-.11763	.46925	.62211	.46441	.16191	.17159	.16620	.22431	.23022
2.663	11.925	-.11753	.38143	.53350	.39052	.13215	.13949	.13488	.21438	.21722
2.663	13.924	-.11659	.31246	.45309	.31836	.10491	.11139	.10713	.20049	.20415
2.663	15.923	-.11644	.25153	.40763	.24882	.07978	.08691	.08195	.18427	.18620
2.663	17.906	-.11644	.19503	.24527	.17970	.05700	.06280	.05911	.16450	.16917
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.663	20.906	-.11772	.10326	.09463	.09443	.02876	.03419	.02935	.13376	.13757
	GRADIENT	.00010	-.03897	-.03194	-.03422	-.02295	-.02325	-.02309	-.00507	-.00380

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (KGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.009	-2.875	-.00033	.18200	.24468	.16171	.13405	.22202	.18333	.28178	.22942
2.009	-1.849	-.00073	.18655	.23927	.17189	.14421	.23098	.19394	.26735	.22488
2.009	.102	-.00154	.18613	.21568	.19100	.18484	.24750	.21609	.23281	.20957
2.008	2.137	-.00152	.18419	.17142	.19201	.19283	.25120	.22791	.20882	.18537
2.008	4.140	-.00170	.18435	.19164	.19304	.19905	.25400	.23155	.20035	.20473
2.008	6.135	-.00171	.18510	.19457	.19126	.20411	.25473	.23192	.24429	.23599
2.008	8.150	-.00150	.18920	.19821	.18918	.20432	.25400	.23113	.25358	.24267
2.008	10.153	-.00089	.18358	.19609	.17750	.19266	.24931	.22638	.24972	.23317
.008	12.087	-.00046	.18344	.20211	.18057	.19942	.24875	.22426	.24219	.22391
2.008	14.150	.00026	.18779	.19468	.16967	.18477	.22825	.20124	.21242	.19642
2.008	16.093	.00100	.17205	.17847	.16775	.18975	.22119	.19887	.19450	.18065
2.008	18.144	.00048	.16134	.17027	.16827	.18553	.21518	.19421	.18380	.16722
2.008	20.143	-.00117	.16686	.17361	.15916	.17896	.21373	.19246	.16081	.14743
2.008	21.164	-.00119	.16557	.17274	.15657	.17723	.21504	.19246	.15391	.13871
	GRADIENT	-.00019	.00006	-.00962	.00442	.00974	.00454	.00711	-.01215	-.00485

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.276	-2.934	.28602	.19170	.26404	.17748	.17030	.20136	.19033	.27945	.24762
2.276	-1.790	.28624	.21232	.26019	.16661	.16742	.20188	.19059	.26621	.24033
2.275	.018	.28628	.21684	.24445	.16123	.17492	.20817	.19462	.21898	.22372
2.276	2.025	.28727	.20583	.20266	.16769	.18700	.21087	.20410	.21225	.19531
2.276	4.036	.28775	.18902	.20081	.16806	.18475	.21334	.20275	.18346	.17574
2.275	6.095	.28834	.17156	.18178	.16251	.17798	.21117	.19850	.16600	.15929
2.275	8.082	.28875	.15927	.17123	.15878	.17382	.20886	.19691	.20293	.19675
2.275	10.121	.28897	.15209	.16482	.15078	.16748	.20415	.19145	.19955	.19075
2.275	12.107	.28994	.14757	.16152	.14587	.16468	.20000	.18786	.19207	.18141
2.275	14.122	.29123	.14512	.15995	.14252	.16223	.19323	.18105	.18019	.16946
2.275	16.145	.29175	.14473	.15513	.13690	.15712	.18882	.17412	.16567	.15513
2.275	18.031	.29208	.14136	.14828	.13404	.15761	.18458	.17172	.15077	.14136
2.275	20.119	.29012	.12719	.13915	.13866	.15970	.18756	.17163	.14088	.12877
2.275	21.084	.28962	.13056	.14341	.13685	.15665	.19052	.17366	.13056	.11877
	GRADIENT	.00026	-.00107	-.01045	-.00082	.00278	.00185	.00218	-.01372	-.01072

0A234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (KGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.495	-3.000	-.17936	.23012	.26019	.19999	.18755	.21717	.18492	.30065	.26540
2.495	-1.927	-.17929	.24243	.25466	.18946	.18008	.21122	.18042	.28286	.25509
2.495	.020	-.17982	.23345	.24004	.17620	.17282	.21049	.18137	.22958	.22396
2.495	2.007	-.17991	.22054	.21300	.17312	.17240	.21127	.18646	.22183	.19824
2.495	4.022	-.17981	.20707	.20469	.17439	.17870	.21338	.18988	.20277	.17688
2.495	6.029	-.18021	.18967	.18705	.17017	.17333	.21400	.19169	.18321	.16227
2.495	8.020	-.18039	.17246	.17101	.16427	.16817	.21184	.19008	.15957	.14364
2.495	10.026	-.18063	.16299	.16143	.15987	.16471	.20967	.18870	.15053	.13796
2.495	11.997	-.17989	.15706	.15801	.15268	.16050	.20451	.18367	.19446	.17583
2.495	14.052	-.17976	.15075	.15383	.15191	.15977	.19903	.17945	.18428	.16600
2.495	16.047	-.17968	.14929	.14805	.14666	.15531	.19412	.17334	.17121	.15283
2.495	17.986	-.17996	.14711	.14620	.14182	.15312	.18835	.16978	.15613	.14099
2.495	20.017	-.18086	.14011	.13915	.14259	.15687	.18871	.17056	.14097	.12785
	GRADIENT	-.00008	-.00403	-.00854	-.00360	-.00127	-.00033	.00098	-.01406	-.01302

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.663	-3.096	-.11857	.22848	.25043	.19460	.19183	.21486	.18617	.23145	.21636
2.663	-2.119	-.11835	.23068	.24568	.18837	.18659	.20660	.17895	.23117	.24017
2.663	-.088	-.11834	.22222	.23212	.17595	.17765	.19554	.17396	.21925	.22511
2.663	1.899	-.11805	.21283	.21915	.16562	.16776	.19560	.17405	.23561	.19459
2.663	3.930	-.11784	.20109	.20219	.16177	.16643	.19467	.17367	.22091	.17312
2.663	5.897	-.11778	.18720	.18817	.15972	.16343	.19770	.17659	.20603	.18015
2.663	7.915	-.11769	.16978	.16950	.15273	.15591	.19857	.17604	.15096	.13441
2.663	9.950	-.11763	.15547	.15605	.14785	.15102	.19615	.17364	.13665	.11894
2.663	11.925	-.11753	.14800	.14651	.14381	.14701	.19365	.17060	.18268	.15905
2.663	13.924	-.11659	.14057	.14099	.14235	.14700	.19162	.16714	.17573	.15252
2.663	15.923	-.11644	.14118	.13907	.14195	.14465	.18920	.16327	.16446	.14208
2.663	17.906	-.11644	.14370	.13707	.14146	.14320	.18823	.16179	.15460	.13206
2.663	19.912	-.11720	.14327	.13614	.14153	.14674	.18879	.16286	.14080	.12060
2.663	20.906	-.11772	.14316	.13306	.14393	.14911	.18972	.16575	.13376	.11550
	GRADIENT	.00010	-.00413	-.00685	-.00484	-.00381	-.00271	-.00155	-.00090	-.00783

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.847	-.00057	498.22363	2.44451	176.31262	1399.41992	1.65886	551.91968	.00000
2.009	-1.840	-.00102	498.33105	2.44451	176.35669	1399.69482	1.65885	552.52661	.00000
2.009	.168	-.00135	498.32959	2.44451	176.36185	1399.66626	1.65885	553.02295	.00000
2.009	2.120	-.00107	498.26196	2.44451	176.33975	1399.46704	1.65884	553.13330	.00000
2.009	4.071	-.00088	498.31665	2.44451	176.36243	1399.60669	1.65884	553.46411	.00000
2.009	6.094	-.00079	498.17236	2.44451	176.31978	1399.16431	1.65883	554.07056	.00000
2.009	8.044	-.00052	498.19946	2.44451	176.33034	1399.23486	1.65883	554.18066	.00000
2.009	10.069	-.00016	498.21021	2.44451	176.33852	1399.24609	1.65882	554.56665	.00000
2.009	12.083	.00016	498.24268	2.44451	176.35417	1399.31812	1.65882	554.95239	.00000
2.009	14.038	.00067	498.53198	2.44451	176.45657	1400.13062	1.65882	555.17285	.00000
2.009	16.081	.00108	498.34570	2.44451	176.39487	1399.58936	1.65882	555.39307	.00000
2.009	18.137	.00054	498.44531	2.44451	176.43375	1399.85083	1.65881	555.77881	.00000
2.009	20.133	-.00119	498.28882	2.44451	176.38124	1399.40112	1.65881	555.88892	.00000
2.009	21.181	-.00104	498.22119	2.44451	176.36166	1399.19092	1.65881	556.21948	.00000
	GRADIENT	-.00003	.00514	-.00000	.00405	.00447	-.00000	.20090	.00000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.875	.28547	501.76440	2.49529	138.40048	1666.26123	1.69677	565.18091	.00000
2.276	-1.900	.28576	502.46460	2.49529	138.58965	1668.62476	1.69677	565.34546	.00000
2.276	-.037	.28594	502.31958	2.49529	138.55260	1668.11401	1.69677	565.51001	.00000
2.276	1.989	.28685	502.54687	2.49529	138.61443	1668.87524	1.69677	565.61987	.00000
2.276	3.988	.28754	502.61377	2.49529	138.63629	1669.06787	1.69676	566.00391	.00000
2.276	5.906	.28792	502.73950	2.49529	138.66998	1669.49268	1.69677	566.00391	.00000
2.276	9.901	.28905	502.56543	2.49529	138.63116	1668.82764	1.69675	566.77173	.00000
2.276	11.941	.29009	502.65015	2.49529	138.65491	1669.10742	1.69675	566.88135	.00000
2.276	13.949	.29139	502.75635	2.49529	138.68730	1669.42920	1.69675	567.26538	.00000
2.276	15.980	.29170	502.66284	2.49529	138.66223	1669.11426	1.69675	567.26538	.00000
2.276	17.998	.28917	502.34058	2.49529	138.58206	1667.96021	1.69674	567.86865	.00000
2.276	20.031	.29003	502.52832	2.49529	138.63129	1668.60889	1.69675	567.75903	.00000
2.276	21.095	.28959	502.61475	2.49529	138.65813	1668.86719	1.69674	568.14282	.00000
	GRADIENT	.00030	.09280	.00000	.02595	.30470	-.00000	.10873	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.496	-2.989	-.17974	499.37012	2.58967	114.54590	1943.73242	1.70695	566.77148	.00000
2.496	-2.002	-.17969	499.43774	2.58967	114.56419	1943.95190	1.70672	567.21021	.00000
2.496	-.146	-.17990	500.31079	2.58967	114.75952	1947.42920	1.70374	567.21045	.00000
2.496	1.888	-.18031	499.90137	2.58967	114.66904	1945.77979	1.70514	567.37476	.00000
2.496	3.878	-.18020	499.93311	2.58967	114.67729	1945.88843	1.70503	567.53931	.00000
2.496	5.848	-.18042	499.92407	2.58967	114.67918	1945.78931	1.70506	568.08765	.00000
2.496	7.838	-.18045	500.09106	2.58967	114.71725	1946.44214	1.70449	568.19751	.00000
2.496	9.847	-.18068	500.09204	2.58967	114.71780	1946.43921	1.70449	568.25195	.00000
2.495	11.863	-.17988	500.13062	2.58967	114.72885	1946.55493	1.70436	568.58081	.00000
2.495	13.871	-.17980	500.09839	2.58967	114.72713	1946.34180	1.70447	569.34814	.00000
2.495	15.918	-.17971	499.90015	2.58967	114.68002	1945.59521	1.70514	568.96460	.00000
2.495	17.920	-.18000	500.24268	2.58967	114.75662	1946.95972	1.70397	568.96460	.00000
2.495	19.994	-.18087	500.01440	2.58967	114.70439	1946.06641	1.70475	568.80029	.00000
2.495	21.013	-.18113	500.19922	2.58967	114.74535	1946.81201	1.70412	568.74536	.00000
	GRADIENT	-.00009	.08412	.00000	.01947	.32474	-.00029	.09183	.00000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.664	-3.065	-.11922	433.39160	2.35381	87.22588	1921.98779	1.73402	566.00342	.00000
2.664	-2.030	-.11898	433.48047	2.35381	87.24307	1922.39429	1.73402	566.05811	.00000
2.664	-.104	-.11874	433.10449	2.35381	87.18132	1920.40723	1.73400	566.22290	.00000
2.664	1.882	-.11877	433.42017	2.35381	87.23401	1922.05713	1.73401	566.11304	.00000
2.664	3.846	-.11842	433.69214	2.35381	87.28636	1923.32056	1.73402	566.27783	.00000
2.664	5.800	-.11827	433.36621	2.35381	87.23351	1921.57690	1.73400	566.44238	.00000
2.664	7.782	-.11813	433.44043	2.35381	87.24507	1921.98560	1.73401	566.38745	.00000
2.664	9.771	-.11793	433.41211	2.35381	87.24159	1921.80640	1.73400	566.44238	.00000
2.664	11.804	-.11777	433.38965	2.35381	87.24066	1921.62646	1.73400	566.55200	.00000
2.664	13.848	-.11685	433.52222	2.35381	87.26555	1922.25342	1.73400	566.60669	.00000
2.664	15.834	-.11671	433.50244	2.35381	87.25903	1922.22339	1.73400	566.49707	.00000
2.664	17.860	-.11670	433.48853	2.35381	87.26109	1922.04883	1.73400	566.66162	.00000
2.664	19.918	-.11752	433.52222	2.35381	87.27159	1922.11328	1.73399	566.82642	.00000
	GRADIENT	.00010	.03286	.00000	.00671	.14372	-.00000	.03327	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (JGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.009	-2.847	-.00057	1.00347	1.03096	1.01590	.47473	.48504	.47964	.32458	.37250
2.009	-1.840	-.00102	.98797	1.00725	.98829	.44943	.45914	.45431	.31829	.36398
2.009	.168	-.00135	.94380	.95403	.93933	.39842	.40865	.40411	.29489	.34823
2.009	2.120	-.00107	.89050	.89619	.87471	.35306	.36372	.35946	.25383	.31893
2.009	4.071	-.00088	.82815	.82896	.80376	.30984	.32164	.31585	.22963	.30293
2.009	6.094	-.00079	.73763	.77075	.70172	.26972	.28169	.27533	.21150	.28604
2.009	8.044	-.00052	.63009	.72043	.60072	.23368	.24567	.23915	.20478	.27091
2.009	10.069	-.00016	.52771	.64921	.51567	.19963	.21260	.20679	.21042	.25266
2.009	12.083	.00016	.45193	.56374	.44665	.16917	.18139	.17553	.22391	.22493
2.009	14.038	.00067	.39865	.44190	.44939	.14051	.15238	.14876	.22112	.19157
2.009	16.081	.00108	.34408	.33692	.45913	.11309	.12507	.12175	.21313	.16210
2.009	18.137	.00054	.30164	.28581	.43823	.09009	.10147	.09876	.21252	.13677
2.009	20.133	-.00119	.27655	.25522	.42908	.06591	.07654	.07364	.20432	.12972
2.009	21.181	-.00104	.26735	.24034	.39883	.05356	.06401	.06002	.20064	.13900
	GRADIENT	-.00003	-.02539	-.02907	-.03035	-.02391	-.02367	-.02370	-.01444	-.01040

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.276	-2.875	.28547	.99528	1.01893	.98817	.43973	.45234	.44997	.29238	.32619
2.276	-1.900	.28576	.96804	.98764	.95455	.41412	.42729	.42483	.28754	.32162
2.276	-.037	.28594	.91112	.91926	.87939	.36914	.38186	.37870	.27246	.30893
2.276	1.989	.28685	.83299	.84641	.79461	.32611	.33818	.33321	.25128	.31228
2.276	3.988	.28754	.73668	.78384	.67590	.28505	.29716	.29131	.23417	.29285
2.276	5.906	.28792	.63327	.72601	.59255	.24775	.26110	.25346	.21696	.28096
2.276	9.901	.28905	.46693	.54717	.45112	.17733	.18789	.18262	.18289	.25312
2.276	11.941	.29009	.39775	.42130	.38847	.14505	.15353	.14938	.17669	.23522
2.276	13.949	.29139	.34886	.32515	.37630	.11523	.12371	.11944	.18021	.21274
2.276	15.980	.29170	.30133	.27190	.37063	.08809	.09502	.09237	.17870	.18583
2.276	17.998	.28917	.25355	.21655	.32948	.06217	.06879	.06680	.17250	.15793
2.276	20.031	.29003	.20182	.16951	.29454	.03999	.04549	.04293	.17422	.12469
2.276	21.095	.28959	.16565	.14889	.26882	.02964	.03625	.03250	.17369	.11370
	GRADIENT	.00030	-.03735	-.03471	-.04485	-.02246	-.02259	-.02313	-.00874	-.00430

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (JGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.496	-2.989	-.17974	1.00407	1.01888	.96238	.44877	.45937	.45271	.30377	.30175
2.496	-2.002	-.17969	.97373	.97823	.92551	.42245	.43413	.42636	.29512	.29735
2.496	-.146	-.17990	.90839	.92069	.84571	.37866	.38944	.38121	.27515	.28493
2.496	1.888	-.18031	.81932	.85451	.74536	.33290	.34426	.33753	.25942	.29130
2.496	3.878	-.18020	.70761	.78862	.65092	.28654	.29823	.29146	.24658	.27566
2.496	5.848	-.18042	.60567	.70799	.57396	.24703	.25957	.25357	.23285	.26478
2.496	7.838	-.18045	.51562	.59498	.50570	.20995	.22077	.21480	.21725	.25595
2.496	9.847	-.18068	.44556	.47738	.43613	.17572	.18399	.18005	.20107	.24611
2.495	11.863	-.17988	.38982	.36327	.36741	.14422	.15124	.14720	.18716	.23464
2.495	13.871	-.17980	.33657	.29887	.32464	.11635	.12223	.11889	.18248	.22175
2.495	15.918	-.17971	.28244	.24402	.31431	.09022	.09530	.09312	.18387	.20400
2.495	17.920	-.18000	.22949	.19245	.27731	.06533	.07050	.06862	.18171	.18135
2.495	19.994	-.18087	.15725	.14909	.30992	.04214	.04787	.04581	.18131	.14965
2.495	21.013	-.18113	.13253	.12699	.24460	.03122	.03724	.03530	.18326	.13686
	GRADIENT	-.00009	-.04279	-.03304	-.04576	-.02343	-.02334	-.02326	-.00847	-.00325

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.664	-3.065	-.11922	.97057	.99034	.90871	.43425	.44657	.43984	.28800	.28776
2.664	-2.030	-.11898	.92585	.95130	.85390	.40674	.41922	.41195	.27192	.28549
2.664	-.104	-.11874	.82883	.88155	.75386	.36048	.37207	.36519	.25483	.27578
2.664	1.882	-.11877	.71735	.80317	.66990	.31758	.33015	.32260	.24420	.27300
2.664	3.846	-.11842	.63117	.71370	.59807	.27511	.28531	.27922	.23548	.26225
2.664	5.800	-.11827	.54732	.58407	.52832	.23560	.24533	.24055	.22520	.25285
2.664	7.782	-.11813	.46577	.46586	.45354	.19824	.20600	.20266	.21211	.24261
2.664	9.771	-.11793	.40711	.38846	.39188	.16592	.17227	.16880	.19813	.23148
2.664	11.804	-.11777	.35307	.32459	.33484	.13478	.14022	.13710	.18532	.22102
2.664	13.848	-.11685	.29851	.26721	.28333	.10619	.11125	.10843	.17505	.21012
2.664	15.834	-.11671	.24647	.21125	.23017	.08193	.08664	.08266	.17359	.19807
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.664	19.918	-.11752	.13190	.11623	.11789	.03795	.04153	.03759	.17024	.16557
2.664	20.924	-.11803	.10341	.09421	.09411	.02833	.03381	.02895	.17051	.15236
	GRADIENT	.00010	-.05012	-.03965	-.04517	-.02290	-.02314	-.02307	-.00732	-.00359

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (KGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.009	-2.847	-.00057	.16886	.27028	.19454	.13824	.24721	.18677	.27152	.24155
2.009	-1.840	-.00102	.16993	.26569	.20122	.14363	.25046	.19043	.26135	.23566
2.009	.168	-.00135	.18319	.24121	.20155	.17801	.25688	.21278	.21251	.22249
2.009	2.120	-.00107	.20810	.22407	.19793	.19387	.25889	.22730	.20724	.19533
2.009	4.071	-.00088	.21324	.19325	.19408	.19944	.25768	.23164	.25852	.18367
2.009	6.094	-.00079	.20546	.18415	.19153	.20115	.25601	.22954	.25981	.22770
2.009	8.044	-.00052	.19960	.18252	.19380	.20133	.25350	.22792	.25783	.23609
2.009	10.069	-.00016	.19230	.18168	.18692	.19360	.24700	.22406	.24707	.22958
2.009	12.083	.00016	.18210	.18705	.17769	.19374	.23886	.21699	.23210	.21622
2.009	14.038	.00067	.17629	.18983	.17120	.18965	.22987	.21004	.21595	.20115
2.009	16.081	.00108	.17217	.17821	.16448	.18640	.22088	.19772	.19675	.18039
2.009	18.137	.00054	.16294	.17336	.16394	.18579	.21429	.19458	.18018	.16596
2.009	20.133	-.00119	.15861	.16501	.15955	.18233	.21292	.19279	.16250	.14802
2.009	21.181	-.00104	.15665	.16732	.15677	.18037	.21349	.19348	.15406	.13900
	GRADIENT	-.00003	.00722	-.01110	-.00036	.00967	.00160	.00711	-.00410	-.00883

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.276	-2.875	.28547	.17461	.27646	.17295	.17889	.21589	.18838	.25855	.26176
2.276	-1.900	.28576	.17552	.27068	.17519	.17296	.21799	.18847	.24692	.25298
2.276	-.037	.28594	.17580	.25754	.18046	.17024	.22298	.18988	.20402	.23940
2.276	1.989	.28685	.17817	.22635	.17780	.18074	.22159	.19963	.19014	.20258
2.276	3.988	.28754	.17903	.20733	.17057	.18630	.21813	.20225	.18330	.17665
2.276	5.906	.28792	.17464	.18465	.16142	.17849	.21575	.19823	.21696	.15828
2.276	9.901	.28905	.16408	.15807	.15479	.16750	.20734	.19118	.15254	.18703
2.276	11.941	.29009	.15616	.15396	.14853	.16343	.19935	.18749	.19379	.18120
2.276	13.949	.29139	.14943	.15095	.14469	.16225	.19502	.18107	.18063	.16867
2.276	15.980	.29170	.14451	.14909	.13947	.15690	.18799	.17415	.16631	.15384
2.276	17.998	.28917	.13871	.14496	.13490	.15325	.18258	.17088	.15069	.14020
2.276	20.031	.29003	.12976	.14113	.13287	.15711	.18523	.17098	.13788	.12815
2.276	21.095	.28959	.12880	.14180	.13183	.15744	.18762	.17293	.13051	.11802
	GRADIENT	.00030	.00065	-.01049	-.00023	.00146	.00038	.00226	-.01154	-.01267

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (KGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.496	-2.989	-.17974	.19365	.26872	.18815	.19666	.22436	.18729	.25989	.26872
2.496	-2.002	-.17969	.19491	.26258	.18596	.18846	.22475	.18036	.23275	.26432
2.496	-.146	-.17990	.19655	.24934	.18461	.17766	.22503	.17859	.21631	.24587
2.496	1.888	-.18031	.19410	.22657	.18430	.17047	.22396	.18430	.20313	.20441
2.496	3.878	-.18020	.18687	.21182	.17745	.17527	.22137	.18691	.19288	.18227
2.496	5.848	-.18042	.18214	.19396	.17094	.17526	.21830	.19074	.22039	.16961
2.496	7.838	-.18045	.17687	.17689	.16403	.16828	.21556	.18942	.17042	.14125
2.496	9.847	-.18068	.17314	.16139	.16327	.16541	.21136	.18866	.15811	.13270
2.495	11.863	-.17988	.16397	.15168	.15581	.15839	.20512	.18334	.19790	.17427
2.495	13.871	-.17980	.16015	.14614	.15201	.15886	.20003	.17955	.18591	.16657
2.495	15.918	-.17971	.15594	.14054	.15034	.15594	.19531	.17444	.17227	.15315
2.495	17.920	-.18000	.15079	.14094	.14475	.15251	.18918	.16970	.15766	.14094
2.495	19.994	-.18087	.14436	.14052	.14090	.15295	.18790	.16973	.13878	.12661
2.495	21.013	-.18113	.13988	.14164	.13898	.15233	.18727	.17211	.12957	.11772
	GRADIENT	-.00009	-.00089	-.00856	-.00131	-.00330	-.00041	.00033	-.00895	-.01341

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.664	-3.065	-.11922	.18291	.25416	.18324	.19679	.21403	.19068	.21662	.20400
2.664	-2.030	-.11898	.19015	.24989	.17764	.19213	.21128	.18112	.21393	.23986
2.664	-.104	-.11874	.19284	.23815	.17291	.18292	.21004	.17340	.20424	.23463
2.664	1.882	-.11877	.18719	.22435	.17068	.16835	.20729	.17266	.19562	.20077
2.664	3.846	-.11842	.17801	.20709	.16556	.16315	.20408	.17102	.19139	.17599
2.664	5.800	-.11627	.17217	.19466	.16113	.16375	.20369	.17503	.20240	.19015
2.664	7.782	-.11813	.16900	.17940	.15550	.15810	.20198	.17536	.20270	.13624
2.664	9.771	-.11793	.16097	.16223	.15142	.15304	.19837	.17376	.14759	.11905
2.664	11.804	-.11777	.15708	.14775	.14802	.14964	.19593	.17135	.18780	.15779
2.664	13.848	-.11685	.15276	.13836	.14714	.14483	.19457	.16799	.17902	.15141
2.664	17.860	-.11670	.15090	.12894	.14580	.14545	.18969	.16268	.15784	.13245
2.664	19.918	-.11752	.14794	.13194	.14232	.14447	.18916	.16267	.14150	.12190
2.664	20.924	-.11803	.14821	.13278	.14262	.14574	.19000	.16446	.13236	.11520
	GRADIENT	.00010	-.00089	-.00681	-.00234	-.00514	-.00134	-.00256	-.00388	-.00608

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.995	-2.879	-.00043	300.38208	1.50022	107.85104	836.93628	1.65639	547.83301	.00000
1.995	-1.876	-.00041	299.45996	1.50022	107.53209	834.31567	1.65637	547.94360	.00000
1.995	.082	-.00060	299.98047	1.50022	107.71785	835.77124	1.65638	548.49658	.00000
1.995	2.088	-.00062	300.18262	1.50022	107.78380	836.36182	1.65638	548.05420	.00000
1.995	4.039	-.00052	300.09912	1.50022	107.75331	836.13184	1.65638	547.88843	.00000
1.995	6.058	-.00021	299.85547	1.50022	107.66924	835.43848	1.65638	547.94360	.00000
1.995	8.060	-.00002	299.85352	1.50022	107.67834	835.39136	1.65636	548.99390	.00000
1.995	9.961	.00011	299.98389	1.50022	107.72360	835.76099	1.65636	548.99390	.00000
1.995	12.018	.00052	299.84253	1.50022	107.67554	835.35522	1.65636	549.10425	.00000
1.995	14.022	.00116	299.87085	1.50022	107.68533	835.43433	1.65636	549.10425	.00000
1.995	16.049	-.00033	299.88135	1.50022	107.68297	835.49097	1.65637	548.44141	.00000
1 995	18.104	.00092	299.83496	1.50022	107.67337	835.33154	1.65636	549.15942	.00000
1.995	20.166	-.00017	299.83936	1.50022	107.67439	835.34644	1.65636	549.10425	.00000
1.995	21.172	-.00030	299.95337	1.50022	107.71199	835.67871	1.65636	548.88330	.00000
	GRADIENT	-.00002	.02067	.00000	.00723	.05845	-.00000	.00708	.00000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.259	-2.911	.28754	302.22949	1.57636	84.60271	992.23901	1.69474	550.87134	.00000
2.259	-1.920	.28763	304.36328	1.57636	85.18001	999.42480	1.69477	550.87134	.00000
2.259	.077	.28813	304.57910	1.57636	85.24884	1000.05835	1.69476	552.30615	.00000
2.259	2.013	.28847	304.61426	1.57636	85.24796	1000.26953	1.69478	550.87134	.00000
2.259	3.972	.28892	304.51050	1.57636	85.21988	999.91992	1.69478	550.87134	.00000
2.259	5.966	.28935	304.67065	1.57636	85.26445	1000.44849	1.69478	551.03711	.00000
2.259	7.924	.28987	304.35889	1.57636	85.18405	999.36328	1.69477	551.58887	.00000
2.259	9.965	.29014	304.44287	1.57636	85.20676	999.64575	1.69477	551.58887	.00000
2.259	12.002	.29078	304.52539	1.57636	85.23198	999.89893	1.69476	551.97510	.00000
2.259	13.929	.29166	304.33691	1.57636	85.18056	999.26709	1.69476	551.91992	.00000
2.259	15.988	.29002	304.71411	1.57636	85.28415	1000.52222	1.69477	552.14062	.00000
2.259	18.014	.29224	304.45093	1.57636	85.21220	999.64526	1.69476	552.03027	.00000
2.259	20.056	.29103	304.57617	1.57636	85.24567	1000.06934	1.69477	551.97510	.00000
2.259	21.087	.29050	304.51855	1.57636	85.23128	999.86621	1.69477	552.14062	.00000
	GRADIENT	.00020	.24272	.00000	.06562	.81780	.00000	-.00767	.00000

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.478	-2.981	-.18033	302.30371	1.62752	70.35457	1160.84399	2.81968	555.55835	.00000
2.477	-2.006	-.18020	301.03638	1.62752	70.06975	1155.82178	2.83155	555.66870	.00000
2.478	.007	-.17969	303.37964	1.62752	70.59431	1165.13818	2.80968	555.11792	.00000
2.478	1.900	-.18053	303.49121	1.62752	70.62265	1165.53149	2.80865	555.66870	.00000
2.478	3.898	-.18039	303.93506	1.62752	70.72389	1167.26709	2.80455	555.88916	.00000
2.478	5.856	-.18046	303.95361	1.62752	70.72708	1167.35522	2.80438	555.72388	.00000
2.478	7.842	-.18039	303.99902	1.62752	70.73636	1167.54932	2.80396	555.55859	.00000
2.478	9.843	-.18030	303.15601	1.62752	70.54713	1164.20557	2.81176	555.66870	.00000
2.478	11.855	-.18005	303.31274	1.62752	70.58148	1164.84009	2.81030	555.50342	.00000
2.478	13.855	-.17960	303.26343	1.62752	70.57004	1164.65137	2.81076	555.44849	.00000
2.478	15.906	-.17949	303.27979	1.62752	70.57149	1164.74854	2.81061	555.06274	.00000
2.478	17.895	-.17974	303.29517	1.62752	70.57684	1164.78076	2.81047	555.39331	.00000
2.478	19.957	-.17998	303.24121	1.62752	70.56441	1164.57227	2.81097	555.33813	.00000
2.478	20.984	-.18027	303.31494	1.62752	70.58070	1164.86719	2.81028	555.28320	.00000
	GRADIENT	-.00003	.33994	-.00000	.07679	1.34104	-.00316	.03980	.00000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.641	-3.021	-.11936	307.18311	1.76485	62.90204	1337.88452	1.73224	559.74146	.00000
2.641	-2.066	-.11913	307.87158	1.76485	63.04735	1340.78735	1.73224	559.68652	.00000
2.641	-.046	-.11867	307.42017	1.76485	62.95583	1338.79980	1.73224	558.91650	.00000
2.641	1.847	-.11896	307.43677	1.76485	62.95778	1338.90405	1.73224	559.24658	.00000
2.641	3.814	-.11865	307.26929	1.76485	62.92277	1338.19141	1.73224	559.19165	.00000
2.641	5.828	-.11863	307.21997	1.76485	62.91213	1337.98804	1.73224	559.24634	.00000
2.641	7.822	-.11851	307.37085	1.76485	62.94464	1338.60815	1.73224	559.08179	.00000
2.641	9.811	-.11839	307.26758	1.76485	62.92368	1338.15601	1.73223	558.91650	.00000
2.641	11.808	-.11836	307.45337	1.76485	62.96332	1338.92847	1.73223	558.80640	.00000
2.641	13.799	-.11750	307.35083	1.76485	62.93991	1338.53564	1.73223	559.19165	.00000
2.641	15.826	-.11855	307.17261	1.76485	62.90140	1337.80566	1.73224	559.41162	.00000
2.641	17.864	-.11744	307.34180	1.76485	62.93625	1338.53687	1.73224	559.57666	.00000
2.641	19.897	-.11788	307.22534	1.76485	62.91225	1338.03540	1.73225	559.46655	.00000
2.641	20.933	-.11826	307.25391	1.76485	62.91873	1338.14258	1.73224	559.35645	.00000

OA234 LERC 10SWT 42 LHFN.IS RHA .2P/S (JGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
1.995	-2.879	-.00043	.97987	1.01615	.97364	.47169	.48220	.47770	.32651	.35856
1.995	-1.876	-.00041	.95406	.99425	.94041	.44665	.45826	.45255	.32038	.35164
1.995	.082	-.00060	.88528	.94251	.85520	.39730	.40909	.40536	.29058	.33377
1.995	2.088	-.00062	.80828	.88558	.77338	.35305	.36725	.36175	.25431	.31948
1.995	4.039	-.00052	.72257	.83293	.69138	.31174	.32474	.31966	.23158	.30157
1.995	6.058	-.00021	.64259	.76043	.61810	.26964	.28288	.27815	.21878	.28433
1.995	8.060	-.00002	.56906	.66621	.55481	.23342	.24622	.24188	.21551	.26797
1.995	9.961	.00011	.49702	.54898	.48360	.20599	.21633	.21303	.21959	.24967
1.995	12.018	.00052	.42828	.42305	.41268	.17227	.18504	.18069	.22027	.22276
1.995	14.022	.00116	.37241	.34498	.35634	.14514	.15474	.14996	.21748	.19392
1.995	16.049	-.00033	.31767	.27692	.30112	.11717	.12632	.12255	.20958	.16986
1.995	18.104	.00092	.27543	.22745	.25173	.09204	.10228	.09745	.20166	.15018
1.995	20.166	-.00017	.24530	.18944	.19604	.06694	.07479	.07019	.19445	.15031
1.995	21.172	-.00030	.21531	.16530	.16065	.05502	.06266	.05892	.19824	.14541
	GRADIENT	-.00002	-.03733	-.02677	-.04120	-.02317	-.02275	-.02280	-.01449	-.00822

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.259	-2.911	.28754	.93939	.99051	.89882	.43375	.44872	.44596	.28945	.32213
2.259	-1.920	.28763	.90133	.95864	.85871	.40781	.42308	.41913	.27721	.31522
2.259	.077	.28813	.80805	.89490	.76622	.36369	.37779	.37358	.25931	.30641
2.259	2.013	.28847	.72327	.82644	.68873	.32213	.33579	.33125	.24174	.29509
2.259	3.972	.28892	.64454	.72891	.61920	.28297	.29532	.29198	.22583	.28389
2.259	5.966	.28935	.56928	.60351	.54971	.24253	.25513	.25081	.20939	.27083
2.259	7.924	.28987	.49556	.49888	.47598	.20737	.21737	.21348	.19678	.25884
2.259	9.965	.29014	.42609	.41406	.41226	.17670	.18221	.17871	.18399	.24369
2.259	12.002	.29078	.36345	.34369	.35184	.14053	.14892	.14581	.17862	.22541
2.259	13.929	.29166	.31337	.28940	.29760	.11160	.11959	.11544	.17650	.20398
2.259	15.988	.29002	.25571	.22698	.24009	.08458	.09219	.08764	.17340	.17866
2.259	18.014	.29224	.20599	.17590	.18406	.06160	.06746	.06321	.16743	.15331
2.259	20.056	.29103	.15409	.12481	.12226	.03738	.04431	.03895	.16219	.12941
2.259	21.087	.29050	.12311	.09812	.09447	.02829	.03437	.02913	.16090	.11736
	GRADIENT	.00020	-.04341	-.03721	-.04114	-.02180	-.02220	-.02228	-.00914	-.00545

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (JGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.478	-2.981	-.18033	.92504	.99060	.87989	.44240	.45549	.44808	.28959	.30152
2.477	-2.006	-.18020	.88551	.96123	.84246	.42157	.43436	.42730	.28313	.29929
2.478	.007	-.17969	.79595	.88959	.75775	.37191	.38414	.37824	.26147	.28592
2.478	1.900	-.18053	.71577	.79035	.67776	.32677	.33848	.33443	.24964	.27684
2.478	3.898	-.18039	.62827	.65752	.59578	.28221	.29330	.28842	.23910	.26753
2.478	5.856	-.18046	.54218	.54621	.52748	.24300	.25282	.24839	.22604	.25855
2.478	7.842	-.18039	.47324	.46811	.45652	.20598	.21466	.21134	.21093	.24689
2.478	9.843	-.18030	.40962	.39822	.39075	.17083	.17903	.17613	.19846	.23576
2.478	11.855	-.18005	.35129	.33433	.33385	.14102	.14731	.14413	.18633	.22555
2.478	13.855	-.17960	.29063	.27236	.27261	.11232	.11824	.11538	.18243	.21089
2.478	15.906	-.17949	.23225	.21059	.21353	.08523	.09217	.08822	.18013	.19343
2.478	17.895	-.17974	.18070	.15557	.15706	.06211	.06800	.06507	.17681	.17357
2.478	19.957	-.17998	.11976	.09899	.10471	.03951	.04722	.04242	.17051	.14997
2.478	20.984	-.18027	.09767	.07626	.08521	.02882	.03708	.03241	.16829	.13835
	GRADIENT	-.00003	-.04325	-.04788	-.04154	-.02352	-.02381	-.02336	-.00758	-.00515

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.641	-3.021	-.11936	.88735	.95598	.83525	.42268	.43738	.43058	.26972	.28869
2.641	-2.066	-.11913	.84099	.91871	.79586	.39804	.41152	.40492	.25849	.28153
2.641	-.046	-.11867	.74936	.82635	.71247	.35256	.36484	.35948	.24427	.27072
2.641	1.847	-.11896	.66836	.70226	.63078	.30872	.32041	.31483	.23534	.26236
2.641	3.814	-.11865	.58318	.58163	.55621	.26770	.27673	.27300	.22645	.25407
2.641	5.828	-.11863	.50643	.50002	.49065	.22731	.23581	.23188	.21543	.24360
2.641	7.822	-.11851	.43817	.42907	.42172	.19146	.19876	.19526	.20474	.23205
2.641	9.811	-.11839	.38011	.36760	.36239	.15786	.16472	.16160	.19072	.22143
2.641	11.808	-.11836	.31623	.30109	.29786	.12779	.13351	.13076	.17950	.20933
2.641	13.799	-.11750	.25901	.24531	.24065	.10064	.10668	.10358	.17193	.19814
2.641	15.826	-.11855	.20310	.18673	.18475	.07486	.08050	.07774	.16785	.18688
2.641	17.864	-.11744	.15402	.13210	.13575	.05314	.05916	.05528	.16844	.17119
2.641	20.933	-.11826	.07626	.05102	.06837	.02306	.03005	.02515	.16636	.14355
	GRADIENT	.00009	-.04434	-.05525	-.04111	-.02267	-.02340	-.02299	-.00614	-.00498

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (KGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
1.995	-2.879	-.00043	.15202	.17688	.18833	.17920	.24422	.19549	.22424	.20947
1.995	-1.876	-.00041	.15253	.19265	.19464	.17835	.25002	.20183	.21924	.20572
1.995	.082	-.00060	.16240	.20114	.19590	.18603	.25261	.21742	.20393	.19171
1.995	2.088	-.00062	.18204	.19637	.19405	.19349	.25504	.22917	.20494	.18333
1.995	4.039	-.00052	.19794	.19435	.19492	.19651	.25449	.23005	.24518	.19435
1.995	6.058	-.00021	.19228	.19007	.19207	.19729	.25460	.22722	.24958	.21400
1.995	8.060	-.00002	.18613	.18602	.19309	.19975	.24767	.22394	.25276	.22519
1.995	9.961	.00011	.18451	.18297	.18793	.19812	.24170	.21876	.24537	.22575
1.995	12.018	.00052	.18158	.17778	.18069	.19305	.23364	.21226	.22887	.21188
1.995	14.022	.00116	.17737	.18159	.17292	.19026	.22657	.20378	.21246	.19537
1.995	16.049	-.00033	.17233	.18365	.16917	.18451	.21992	.19572	.19454	.17567
1.995	18.104	.00092	.16798	.17122	.16061	.18159	.21039	.18860	.17443	.15598
1.995	20.166	-.00017	.16150	.16483	.15774	.18084	.20911	.19076	.15577	.13942
	21.172	-.00030	.15527	.15775	.15577	.18320	.20998	.19235	.14739	.13380
	GRADIENT	-.00002	.00695	.00191	.00062	.00284	.00136	.00536	.00184	-.00286

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.259	-2.911	.28754	.16010	.23288	.16759	.18711	.21271	.18966	.21198	.21920
2.259	-1.920	.28763	.16357	.23731	.16674	.17839	.21372	.18654	.20662	.21300
2.259	.077	.28813	.17045	.23213	.16944	.17116	.21641	.18921	.19161	.19998
2.259	2.013	.28847	.17546	.22081	.16951	.17405	.21509	.19282	.18040	.18794
2.259	3.972	.28892	.17433	.20173	.16410	.17503	.21102	.19518	.20396	.17099
2.259	5.966	.28935	.16921	.18442	.15760	.16992	.20871	.19149	.20305	.15942
2.259	7.924	.28987	.16361	.16946	.15622	.16785	.20379	.19086	.20596	.18519
2.259	9.965	.29014	.15577	.15932	.15257	.16494	.19794	.18649	.19881	.18435
2.259	12.002	.29078	.15110	.15106	.14864	.16380	.19539	.18255	.18920	.17466
2.259	13.929	.29166	.14617	.14319	.14372	.16239	.19039	.17694	.17439	.16465
2.259	15.988	.29002	.14309	.14079	.14272	.16000	.18509	.17309	.16071	.15080
2.259	18.014	.29224	.14133	.15116	.13672	.15544	.18192	.16994	.14768	.13686
2.259	20.056	.29103	.13751	.15515	.13219	.15090	.18517	.16821	.13469	.12012
2.259	21.087	.29050	.13621	.14454	.13159	.15455	.18744	.17046	.12704	.11307
	GRADIENT	.00020	.00224	-.00463	-.00026	-.00147	-.00016	.00104	-.00223	-.00688

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (KGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.478	-2.981	-.18033	.18582	.23383	.18115	.18725	.21943	.18684	.22491	.21078
2.477	-2.006	-.18020	.19394	.23495	.18142	.18537	.22122	.18356	.22391	.21109
2.478	.007	-.17969	.19210	.22424	.17684	.17228	.21706	.17684	.20413	.20056
2.478	1.900	-.18053	.18950	.21661	.17425	.16403	.21589	.17779	.19445	.19437
2.478	3.898	-.18039	.18257	.20522	.16947	.16490	.21239	.17939	.20518	.18516
2.478	5.856	-.18046	.17799	.19052	.16486	.16457	.21057	.18397	.20626	.18622
2.478	7.842	-.18039	.16995	.17527	.15896	.15936	.20607	.18373	.20740	.14302
2.478	9.843	-.18030	.16729	.16179	.15768	.15879	.20273	.18252	.15525	.12803
2.478	11.855	-.18005	.16014	.15377	.15477	.15801	.19971	.17818	.19200	.16885
2.478	13.855	-.17960	.15694	.14482	.15298	.15835	.19653	.17498	.17959	.15990
2.478	15.906	-.17949	.15322	.13742	.15137	.15605	.18984	.17123	.16526	.14881
2.478	17.895	-.17974	.15061	.13624	.14665	.15628	.18506	.16794	.15203	.13552
2.478	19.957	-.17998	.14856	.14782	.13820	.15068	.18229	.16659	.13439	.12195
2.478	20.984	-.18027	.14564	.15630	.13526	.14918	.18214	.16859	.12440	.11609
	GRADIENT	-.00003	-.00077	-.00436	-.00176	-.00372	-.00114	-.00110	-.00384	-.00390

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.641	-3.021	-.11936	.18231	.22492	.17279	.18231	.20720	.18610	.21098	.19728
2.641	-2.066	-.11913	.18523	.22285	.16873	.17826	.20305	.17781	.20826	.19668
2.641	-.046	-.11867	.18349	.21479	.16350	.16882	.19991	.16560	.19537	.19142
2.641	1.847	-.11896	.18084	.20853	.16151	.15708	.19791	.16502	.18852	.19295
2.641	3.814	-.11865	.17333	.19951	.15747	.15236	.19597	.16447	.19709	.19030
2.641	5.828	-.11863	.16579	.18833	.15064	.15321	.19613	.16604	.19096	.17911
2.641	7.822	-.11851	.16001	.17254	.14486	.14744	.19238	.16726	.19355	.13428
2.641	9.811	-.11839	.15437	.15763	.14409	.14248	.19095	.16651	.14458	.11224
2.641	11.808	-.11836	.15225	.14556	.14476	.14456	.18879	.16506	.18020	.14910
2.641	13.799	-.11750	.14817	.13646	.14559	.14397	.18963	.16169	.17193	.14497
2.641	15.826	-.11855	.14478	.12873	.14637	.14338	.18688	.15898	.16016	.13511
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.641	19.897	-.11788	.14811	.13001	.13993	.14252	.18389	.15743	.13692	.11511
2.641	20.933	-.11826	.14958	.14001	.13788	.14049	.18326	.15889	.12721	.10951
	GRADIENT	.00009	-.00135	-.00373	-.00212	-.00461	-.00152	-.00306	-.00263	-.00100

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.863	-.00081	497.78516	2.40052	176.23209	1397.85620	1.65878	557.98145	.00000
2.009	-1.864	-.00122	497.87185	2.40052	176.27025	1398.06567	1.65878	558.69653	.00000
2.009	.086	-.00167	497.76318	2.40052	176.23929	1397.72827	1.65877	559.24683	.00000
2.009	2.088	-.00161	498.00171	2.40052	176.32748	1398.38086	1.65876	559.74170	.00000
2.009	4.119	-.00109	497.99097	2.40052	176.32816	1398.32861	1.65876	560.12671	.00000
2.009	6.129	-.00118	497.88721	2.40052	176.29698	1398.01538	1.65876	560.51172	.00000
2.009	8.112	-.00095	497.84790	2.40052	176.29131	1397.86597	1.65875	561.17139	.00000
2.009	10.065	-.00061	498.16797	2.40052	176.40411	1398.76831	1.65875	561.39111	.00000
2.009	12.103	-.00038	497.93359	2.40052	176.33054	1398.06934	1.65874	561.99585	.00000
2.008	14.160	.00003	497.90698	2.40052	176.32675	1397.96729	1.65873	562.43530	.00000
2.008	16.122	.00083	497.93433	2.40052	176.33009	1398.03540	1.65873	562.60010	.00000
2.008	18.211	.00017	498.07959	2.40052	176.39275	1398.43042	1.65873	562.98462	.00000
2.008	20.216	-.00167	498.14990	2.40052	176.42152	1398.61157	1.65873	563.36890	.00000
2.008	21.289	-.00161	497.80542	2.40052	176.30598	1397.61304	1.65872	563.64355	.00000
	GRADIENT	-.00004	.03026	-.00000	.01385	.07080	-.00000	.29048	.00000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.883	.28551	502.88599	2.46528	138.74706	1669.63696	1.69673	569.73242	.00000
2.275	-1.880	.28584	503.08154	2.46528	138.80492	1670.24927	1.69673	570.28027	.00000
2.275	-.025	.28601	502.71167	2.46528	138.70824	1668.96997	1.69672	570.49927	.00000
2.275	2.052	.28648	502.82886	2.46528	138.74290	1669.33667	1.69672	570.82788	.00000
2.275	3.932	.28727	502.76489	2.46528	138.72749	1669.10229	1.69671	570.99219	.00000
2.275	5.994	.28781	502.99146	2.46528	138.79149	1669.84106	1.69671	571.32104	.00000
2.275	7.992	.28826	502.83667	2.46528	138.74947	1669.32104	1.69671	571.26611	.00000
2.275	9.965	.28862	502.88647	2.46528	138.76830	1669.43750	1.69670	571.81372	.00000
2.275	12.063	.28959	503.04834	2.46528	138.81613	1669.94482	1.69671	572.25171	.00000
2.275	14.067	.29070	502.97314	2.46528	138.79817	1669.67114	1.69670	572.47070	.00000
2.275	16.136	.29117	503.13086	2.46528	133.84325	1670.18115	1.69670	572.74438	.00000
2.275	18.068	.29151	502.77588	2.46528	138.75157	1668.94312	1.69670	573.07300	.00000
2.275	20.151	.28947	502.88232	2.46528	138.78348	1669.27295	1.69669	573.40112	.00000
2.275	21.149	.28909	502.87891	2.46528	138.78430	1669.24463	1.69669	573.56519	.00000
	GRADIENT	.00024	-.02943	-.00000	-.00615	-.11655	-.00000	.16886	.00000

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.012	-.17972	500.11035	2.55996	114.73987	1946.22729	1.70585	570.77319	.00000
2.495	-1.994	-.17974	500.03052	2.55996	114.72356	1945.88403	1.70613	570.99219	.00000
2.495	-.182	-.17988	500.00513	2.55996	114.72031	1945.74487	1.70621	571.32080	.00000
2.495	1.884	-.18039	499.81299	2.55996	114.67850	1944.96045	1.70687	571.48486	.00000
2.495	3.910	-.18015	500.47070	2.55996	114.82947	1947.51929	1.70463	572.03271	.00000
2.495	5.904	-.18060	500.92261	2.55996	114.93375	1949.26685	1.70309	572.47070	.00000
2.495	7.902	-.18067	500.59302	2.55996	114.86237	1947.91602	1.70421	572.79883	.00000
2.495	9.843	-.18082	500.48853	2.55996	114.84247	1947.44360	1.70457	573.29150	.00000
2.495	11.855	-.18022	500.38843	2.55996	114.82129	1947.02661	1.70491	573.45557	.00000
2.495	13.920	-.18027	500.48706	2.55996	114.84650	1947.37329	1.70457	573.89355	.00000
2.495	15.902	-.18025	500.51025	2.55996	114.86906	1947.18457	1.70449	576.30005	.00000
2.495	17.957	-.18041	500.53491	2.55996	114.86319	1947.46704	1.70441	574.71411	.00000
2.495	20.019	-.18117	500.65186	2.55996	114.89041	1947.91455	1.70401	574.87842	.00000
2.495	21.042	-.18137	500.42603	2.55996	114.84116	1946.99536	1.70478	575.04248	.00000
	GRADIENT	-.00009	.03271	-.00000	.00853	.11097	-.00011	.16949	.00000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.061	-.11886	434.31738	2.27820	87.58469	1922.09888	1.73382	573.18188	.00000
2.662	-2.034	-.11880	434.54492	2.27820	87.63225	1923.06567	1.73381	573.45532	.00000
2.662	-.104	-.11885	434.50146	2.27820	87.62607	1922.81616	1.73380	573.51025	.00000
2.661	1.847	-.11891	434.46509	2.27820	87.62257	1922.56543	1.73381	573.61963	.00000
2.662	3.834	-.11848	434.46680	2.27820	87.61995	1922.64160	1.73381	573.51001	.00000
2.661	5.812	-.11846	434.30737	2.27820	87.60197	1921.60767	1.73379	573.89331	.00000
2.661	7.830	-.11835	434.29883	2.27820	87.60191	1921.53467	1.73379	573.94800	.00000
2.661	9.823	-.11825	434.41724	2.27820	87.63304	1921.88770	1.73378	574.33130	.00000
2.661	11.836	-.11812	434.38501	2.27820	87.62160	1921.86035	1.73379	574.11230	.00000
2.661	13.860	-.11725	434.65479	2.27820	87.67665	1923.04224	1.73378	574.38574	.00000
2.661	15.883	-.11712	434.56860	2.27820	87.65996	1922.64307	1.73379	574.33105	.00000
2.661	17.889	-.11706	434.72412	2.27820	87.69617	1923.21899	1.73378	574.65918	.00000
2.661	19.914	-.11770	434.26123	2.27820	87.62297	1920.70679	1.73376	574.98755	.00000
2.661	20.995	-.11827	434.80737	2.27820	87.71092	1923.63232	1.73378	574.65918	.00000
	GRADIENT	.00004	.00935	.00000	.00280	.02032	-.00000	.04257	.00000

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (JGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.009	-2.863	-.00081	1.01162	1.09600	1.03138	.47431	.48343	.47954	.35725	.37685
2.009	-1.864	-.00122	.99244	1.08325	1.00718	.44659	.45716	.45332	.34339	.37018
2.009	.086	-.00167	.95397	1.04744	.96521	.39871	.40915	.40474	.32228	.35431
2.009	2.088	-.00161	.91143	1.00600	.90840	.35539	.36583	.36103	.30230	.32492
2.009	4.119	-.00109	.85560	.95381	.83602	.30856	.31939	.31319	.27446	.30111
2.009	6.129	-.00118	.79551	.89861	.75049	.26853	.28041	.27284	.26163	.28477
2.009	8.112	-.00095	.72612	.84166	.65343	.23412	.24611	.23866	.23757	.27050
2.009	10.065	-.00061	.52672	.66194	.51674	.20280	.21580	.20916	.21444	.25238
2.009	12.103	-.00038	.45057	.55751	.44319	.16905	.17973	.17487	.18243	.22464
2.008	14.160	.00003	.39857	.43659	.44981	.14303	.15326	.15006	.15771	.19076
2.008	16.122	.00083	.34347	.33492	.45960	.11608	.12732	.12393	.13463	.16309
2.008	18.211	.00017	.30102	.27872	.43258	.08934	.10165	.09888	.14585	.13479
2.008	20.216	-.00167	.26894	.25221	.42450	.06679	.07709	.07375	.17847	.13464
2.008	21.289	-.00161	.23922	.24195	.39958	.05382	.06445	.06120	.19146	.14780
	GRADIENT	-.00004	-.02204	-.02036	-.02750	-.02351	-.02334	-.02366	-.01152	-.01110

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.275	-2.883	.28551	1.00644	1.09830	1.01885	.43983	.45243	.44910	.31587	.34078
2.275	-1.880	.28584	.98380	1.07484	.98381	.41418	.42570	.42274	.30481	.33866
2.275	-.025	.28601	.93625	1.01940	.91421	.36995	.38205	.37923	.29386	.33158
2.275	2.052	.28648	.87070	.95597	.81760	.32658	.33828	.33366	.28428	.30507
2.275	3.932	.28727	.81118	.89721	.71516	.28775	.29953	.29315	.27194	.29262
2.275	5.994	.28781	.62271	.72634	.58394	.24693	.26002	.25270	.25633	.28029
2.275	7.992	.28826	.54034	.63950	.51745	.20993	.22214	.21645	.23898	.26704
2.275	9.965	.28862	.46727	.54158	.44856	.17708	.18764	.18103	.22193	.25283
2.275	12.063	.28959	.39502	.40991	.38495	.14385	.15240	.14779	.20149	.23401
2.275	14.067	.29070	.34888	.31999	.37553	.11410	.12265	.12006	.17561	.21206
2.275	16.136	.29117	.30017	.26884	.36738	.08689	.09421	.09106	.14925	.18709
2.275	18.068	.29151	.25081	.21390	.32709	.06263	.06922	.06637	.12288	.16217
2.275	20.151	.28947	.19839	.16494	.28847	.03893	.04481	.04223	.09659	.12827
2.275	21.149	.28909	.16715	.14912	.26131	.02998	.03577	.03155	.09916	.11793
	GRADIENT	.00024	-.02883	-.02978	-.04432	-.02222	-.02229	-.02276	-.00609	-.00754

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (JGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.495	-3.012	-.17972	1.03161	1.10050	1.00322	.44942	.46002	.45346	.31743	.31208
2.495	-1.994	-.17974	1.00476	1.07707	.97172	.42208	.43281	.42637	.30462	.30776
2.495	-.182	-.17988	.95101	1.02122	.90326	.37991	.39071	.38260	.29691	.29910
2.495	1.884	-.18039	.87945	.95902	.80739	.32969	.34102	.33412	.28839	.28627
2.495	3.910	-.18015	.78033	.89824	.68494	.28276	.29435	.28664	.27761	.27439
2.495	5.904	-.18060	.59681	.69693	.56801	.24615	.25790	.25219	.26460	.26528
2.495	7.902	-.18067	.51326	.58783	.50198	.20802	.21710	.21183	.25227	.25617
2.495	9.843	-.18082	.44646	.46556	.42941	.17546	.18286	.17928	.23906	.24717
2.495	11.855	-.18022	.38987	.36096	.36674	.14480	.15136	.14725	.22386	.23653
2.495	13.920	-.18027	.33418	.29250	.31809	.11424	.12090	.11748	.20573	.22302
2.495	15.902	-.18025	.28033	.23946	.30491	.08786	.09248	.08984	.18448	.20723
2.495	17.957	-.18041	.22734	.18785	.27791	.06327	.06842	.06648	.15778	.18453
2.495	20.019	-.18117	.16171	.14812	.30974	.04289	.04818	.04563	.12621	.15212
2.495	21.042	-.18137	.13343	.12413	.23561	.03176	.03821	.03493	.11639	.13957
	GRADIENT	-.00009	-.03577	-.02959	-.04566	-.02398	-.02383	-.02398	-.00530	-.00550

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.662	-3.061	-.11886	.99818	1.09391	.94084	.43158	.44295	.43610	.29248	.28735
2.662	-2.034	-.11880	.90994	.95760	.84311	.40454	.41706	.40903	.28429	.28252
2.662	-.104	-.11885	.82093	.87705	.74976	.35868	.37030	.36313	.27653	.27473
2.661	1.847	-.11891	.71277	.80151	.66723	.31636	.32802	.32082	.26984	.27197
2.662	3.834	-.11848	.62354	.69065	.59046	.27243	.28359	.27777	.25808	.26056
2.661	5.812	-.11846	.54069	.56984	.52294	.23315	.24330	.23841	.24800	.25182
2.661	7.830	-.11835	.46097	.45593	.44704	.19656	.20381	.20034	.23715	.24188
2.661	9.823	-.11825	.40509	.38328	.38809	.16308	.16986	.16631	.22443	.23097
2.661	11.836	-.11812	.34922	.31998	.33118	.13293	.13885	.13517	.21458	.22054
2.661	13.860	-.11725	.29646	.26439	.27841	.10414	.10914	.10631	.19860	.20733
2.661	15.863	-.11712	.24482	.20835	.22484	.07876	.08348	.08040	.18312	.19528
2.661	17.889	-.11706	.19376	.15735	.17311	.05648	.06135	.05858	.16329	.18463
2.661	19.914	-.11770	.13711	.11017	.11939	.03581	.03981	.03781	.14333	.16993
2.661	20.955	-.11827	.10167	.09061	.09247	.02782	.03229	.02742	.13115	.15060
	GRADIENT	.00004	-.05308	-.05336	-.04883	-.02294	-.02302	-.02284	-.00467	-.00362

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (KGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.009	-2.863	-.00081	.23289	.26101	.14147	.13143	.22047	.18556	.28255	.22004
2.009	-1.864	-.00122	.23201	.25394	.15562	.14007	.22823	.18888	.26913	.22300
2.009	.086	-.00167	.21608	.23713	.17695	.17636	.24498	.21109	.23119	.22231
2.009	2.088	-.00161	.20174	.22738	.18946	.19484	.24567	.22446	.21339	.19905
2.009	4.119	-.00109	.20154	.19921	.19567	.19679	.25453	.23412	.20067	.18265
2.009	6.129	-.00118	.18439	.18806	.18857	.20122	.25777	.23005	.20251	.23033
2.009	8.112	-.00095	.19269	.18817	.18725	.20132	.25395	.23002	.25138	.23958
2.009	10.065	-.00061	.18425	.18575	.18022	.19460	.24803	.22515	.24809	.23061
2.009	12.103	-.00038	.18631	.18584	.17444	.19408	.23684	.21808	.23248	.21679
2.008	14.160	.00003	.18792	.19294	.16864	.18835	.22955	.20969	.21511	.20078
2.008	16.122	.00083	.17218	.17748	.17017	.18729	.22237	.19912	.19635	.18140
2.008	18.211	.00017	.16224	.17359	.16755	.18596	.21499	.19520	.18337	.16705
2.008	20.216	-.00167	.16553	.16558	.16098	.18278	.21263	.19250	.16381	.14728
2.008	21.289	-.00161	.16557	.16830	.15712	.17894	.21407	.19385	.15349	.13820
	GRADIENT	-.00004	-.00519	-.00843	.00777	.01022	.00467	.00741	-.01210	-.00574

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.275	-2.883	.28551	.19365	.27218	.17399	.17698	.20137	.18640	.27954	.23419
2.275	-1.880	.28584	.21511	.26578	.16395	.17283	.20234	.18790	.26850	.26104
2.275	-.025	.28601	.21863	.25259	.16011	.16991	.20723	.19049	.21906	.23618
2.275	2.052	.28648	.20524	.23948	.16727	.18132	.21141	.19592	.20994	.20623
2.275	3.932	.28727	.18946	.21836	.16733	.18433	.21274	.20242	.18262	.17817
2.275	5.994	.28781	.17476	.18793	.16117	.17860	.20995	.19753	.16494	.15814
2.275	7.992	.28826	.16080	.16902	.15527	.17190	.20789	.19334	.15396	.14612
2.275	9.965	.28862	.15358	.15999	.14980	.16683	.20362	.19044	.19887	.18634
2.275	12.063	.28959	.14812	.15412	.14523	.16221	.19688	.18586	.18953	.17874
2.275	14.067	.29070	.14528	.15116	.14102	.16108	.19133	.17951	.17817	.16758
2.275	16.136	.29117	.14540	.14822	.13468	.15522	.18665	.17402	.16334	.15297
2.275	18.068	.29151	.13954	.14359	.13313	.15279	.18334	.16865	.14980	.14013
2.275	20.151	.28947	.12692	.13777	.13550	.15597	.18444	.16973	.13760	.12740
2.275	21.149	.28909	.12777	.13824	.13464	.15766	.18792	.17228	.12905	.11750
	GRADIENT	.00024	-.00149	-.00766	-.00038	.00146	.00181	.00231	-.01424	-.01008

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (KGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.495	-3.012	-.17972	.23361	.26821	.19743	.19579	.21694	.18797	.29938	.27473
2.495	-1.994	-.17974	.24311	.26170	.18745	.18719	.20995	.18013	.28096	.26604
2.495	-.182	-.17988	.23499	.25001	.17556	.17522	.21045	.17771	.23069	.24696
2.495	1.884	-.18039	.22216	.23758	.17264	.17055	.21191	.17996	.22302	.21670
2.495	3.910	-.18015	.20545	.21752	.17486	.17667	.21405	.18776	.20115	.18148
2.495	5.904	-.18060	.18950	.19541	.16884	.17449	.21277	.18990	.18092	.16806
2.495	7.902	-.18067	.17281	.17670	.16454	.16680	.21188	.18861	.15735	.14063
2.495	9.843	-.18082	.16386	.16200	.15820	.16472	.20937	.18702	.15140	.13243
2.495	11.855	-.18022	.15855	.15310	.15198	.15812	.20352	.18295	.19378	.17353
2.495	13.920	-.18027	.15075	.14655	.15016	.15848	.19827	.17939	.18425	.16611
2.495	15.902	-.18025	.14841	.14118	.14402	.15485	.19159	.17326	.16945	.15292
2.495	17.957	-.18041	.14532	.13889	.14089	.15091	.18714	.16798	.15391	.13932
2.495	20.019	-.18117	.14125	.13951	.14237	.15113	.18818	.16859	.14125	.12647
2.495	21.042	-.18137	.14174	.13914	.14117	.15076	.18869	.16956	.12756	.11653
	GRADIENT	-.00009	-.00463	-.00712	-.00319	-.00290	-.00010	.00015	-.01404	-.01347

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.662	-3.061	-.11886	.22912	.25129	.19180	.19646	.21221	.18933	.23061	.20169
2.662	-2.034	-.11880	.22937	.24748	.18464	.19078	.20392	.17968	.23085	.23897
2.662	-.104	-.11885	.22211	.23467	.17340	.18104	.19459	.17241	.21864	.22365
2.661	1.847	-.11891	.21343	.22339	.16425	.16841	.19384	.17169	.23323	.19634
2.662	3.834	-.11848	.20019	.20748	.16137	.16259	.19445	.17177	.21899	.17491
2.661	5.812	-.11846	.18612	.19520	.15764	.16187	.19620	.17300	.20345	.18768
2.661	7.830	-.11835	.16836	.17825	.15079	.15648	.19679	.17358	.15005	.13514
2.661	9.823	-.11825	.15467	.16134	.14600	.14972	.19491	.17077	.13537	.11673
2.661	11.836	-.11812	.14728	.14687	.14161	.14679	.19198	.16836	.18043	.15339
2.661	13.860	-.11725	.13826	.13670	.14047	.14073	.18980	.16573	.17338	.15023
2.661	15.863	-.11712	.14009	.12912	.14033	.14306	.18776	.16311	.16433	.14115
2.661	19.914	-.11770	.14284	.13134	.14057	.14086	.18650	.15990	.13888	.11930
2.661	20.995	-.11827	.14203	.13106	.14078	.14301	.18767	.16108	.13115	.11302
	GRADIENT	.00004	-.00427	-.00637	-.00453	-.00508	-.00245	-.00230	-.00117	-.00612

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.895	-.00045	497.97241	2.41408	176.28497	1398.44092	1.65880	556.99023	.00000
2.009	-1.833	-.00093	497.83960	2.41408	176.24364	1398.04370	1.65880	557.37598	.00000
2.009	.136	-.00134	497.87549	2.41408	176.26054	1398.12622	1.65879	557.76123	.00000
2.009	2.127	-.00130	497.82886	2.41408	176.24567	1397.98633	1.65878	557.87134	.00000
2.009	3.045	-.00191	497.83252	2.41408	176.22209	1398.10742	1.65881	555.72363	.00000
2.009	4.099	-.00078	497.63208	2.41408	176.18575	1397.39014	1.65877	558.53174	.00000
2.009	5.998	-.00080	497.81934	2.41408	176.25221	1397.91602	1.65877	558.69678	.00000
2.009	8.088	-.00064	497.80640	2.41408	176.25232	1397.85937	1.65877	559.08179	.00000
2.009	9.961	-.00039	497.81274	2.41408	176.25774	1397.86133	1.65877	559.35693	.00000
2.009	12.038	.00004	497.71729	2.41408	176.23056	1397.56323	1.65876	559.85181	.00000
2.009	14.038	.00030	497.78857	2.41408	176.25787	1397.75537	1.65876	560.07178	.00000
2.009	16.176	.00073	497.60498	2.41408	176.19788	1397.21826	1.65876	560.34668	.00000
2.009	18.054	.00037	497.65796	2.41408	176.21794	1397.35889	1.65875	560.51172	.00000
2.009	20.174	-.00141	497.74292	2.41408	176.25125	1397.58472	1.65875	560.84155	.00000
2.009	21.148	-.00144	497.95166	2.41408	176.32443	1398.17285	1.65875	560.95142	.00000
	GRADIENT	-.00010	-.03179	.00000	-.01036	-.09340	-.00000	.04989	.00000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.883	.28568	502.17578	2.48674	138.52126	1667.55957	1.69676	566.22314	.00000
2.276	-1.940	.28574	502.22656	2.48674	138.53651	1667.71582	1.69676	566.38770	.00000
2.276	-.021	.28612	502.13574	2.48674	138.51331	1667.39453	1.69675	566.49731	.00000
2.276	2.021	.28660	502.03589	2.48674	138.49274	1666.99854	1.69675	567.10083	.00000
2.276	4.245	.28798	502.19580	2.48674	138.53389	1667.55859	1.69676	566.93604	.00000
2.276	5.986	.28811	502.15015	2.48674	138.52763	1667.34692	1.69675	567.53931	.00000
2.276	7.980	.28874	502.20410	2.48674	138.54323	1667.51782	1.69675	567.64893	.00000
2.276	9.949	.28907	502.37939	2.48674	138.59125	1668.10425	1.69675	567.75879	.00000
2.276	12.059	.29015	502.73730	2.48674	138.68988	1669.29248	1.69675	568.03271	.00000
2.276	13.973	.29132	502.12524	2.48674	138.52820	1667.19458	1.69674	568.25195	.00000
2.276	16.033	.29177	502.43457	2.48674	138.61273	1668.22876	1.69674	568.41650	.00000
2.276	18.092	.28932	502.06641	2.48674	138.51640	1666.95703	1.69673	568.63574	.00000
2.276	20.072	.29030	501.94971	2.48674	138.48744	1666.54028	1.69673	568.85522	.00000
2.276	21.166	.28987	502.21582	2.48674	138.55864	1667.44263	1.69673	568.85498	.00000
	GRADIENT	.00031	-.00783	.00000	-.00092	-.03776	-.00000	.11541	.00000

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.945	-.17955	500.09985	2.56521	114.73639	1946.20312	1.70328	570.60840	.00000
2.495	-1.899	-.17945	500.25806	2.56521	114.77408	1946.79687	1.70274	570.93701	.00000
2.495	-.044	-.17993	500.19067	2.56521	114.75975	1946.51538	1.70297	571.04639	.00000
2.495	1.907	-.18018	500.23828	2.56521	114.77040	1946.70483	1.70281	571.04639	.00000
2.495	3.977	-.17993	500.39014	2.56521	114.80359	1947.32202	1.70229	570.93677	.00000
2.495	5.888	-.18037	500.16748	2.56521	114.75696	1946.38403	1.70305	571.37500	.00000
2.495	7.962	-.18045	500.06079	2.56521	114.73782	1945.88623	1.70341	572.03223	.00000
2.495	9.883	-.18071	500.04419	2.56521	114.73602	1945.78564	1.70347	572.30615	.00000
2.495	11.900	-.18005	500.30859	2.56521	114.79324	1946.87329	1.70257	572.03223	.00000
2.495	13.944	-.18004	500.54443	2.56521	114.84717	1947.79321	1.70177	572.19653	.00000
2.495	15.996	-.17983	500.26978	2.56521	114.78006	1946.69360	1.70270	572.25122	.00000
2.495	17.994	-.18007	500.44922	2.56521	114.82741	1947.38623	1.70209	572.41528	.00000
2.495	19.973	-.18093	499.89136	2.56521	114.70694	1945.09448	1.70399	573.01733	.00000
2.495	21.104	-.18091	499.74292	2.56521	114.68048	1944.40259	1.70449	573.94800	.00000
	GRADIENT	-.00008	.03104	-.00000	.00720	.11928	-.00011	.03782	.00000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.033	-.11883	434.18506	2.33041	87.50075	1922.83521	1.73388	570.93701	.00000
2.662	-2.066	-.11858	433.91870	2.33041	87.45972	1921.36353	1.73387	571.15625	.00000
2.662	-.120	-.11860	434.14258	2.33041	87.49771	1922.52271	1.73388	571.10132	.00000
2.662	1.930	-.11876	434.11792	2.33041	87.49187	1922.43286	1.73388	571.04639	.00000
2.662	3.873	-.11832	434.00757	2.33041	87.46941	1921.94824	1.73387	570.93701	.00000
2.662	5.848	-.11835	434.19897	2.33041	87.51361	1922.66504	1.73387	571.32031	.00000
2.662	7.790	-.11818	434.01001	2.33041	87.47429	1921.85596	1.73387	571.10107	.00000
2.662	9.819	-.11808	434.03394	2.33041	87.48148	1921.90771	1.73387	571.21069	.00000
2.662	11.852	-.11790	434.26465	2.33041	87.52078	1923.09570	1.73388	571.15601	.00000
2.662	13.856	-.11707	434.17407	2.33041	87.50180	1922.71338	1.73388	571.04639	.00000
2.662	15.859	-.11691	434.07163	2.33041	87.48913	1922.09595	1.73387	571.21069	.00000
2.662	17.905	-.11675	434.27490	2.33041	87.52405	1923.11426	1.73387	571.21069	.00000
2.662	19.964	-.11750	434.25220	2.33041	87.51558	1923.10229	1.73388	571.04663	.00000
2.662	20.945	-.11807	434.09619	2.33041	87.49254	1922.21655	1.73387	571.21069	.00000
	GRADIENT	.00004	-.00613	.00000	-.00135	-.02711	-.00000	-.00993	.00000

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (JGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.009	-2.895	-.00045	1.00600	1.09102	1.01863	.47234	.48471	.47919	.35658	.36119
2.009	-1.833	-.00093	.98002	1.04841	.98422	.44617	.45750	.45182	.35157	.35049
2.009	.136	-.00134	.93707	.96313	.93752	.39797	.40926	.40376	.33709	.32265
2.009	2.127	-.00130	.89053	.89234	.87594	.35399	.36485	.36040	.31513	.32742
2.009	3.045	-.00191	.86431	.86467	.84673	.33787	.34982	.34392	.30548	.31151
2.009	4.099	-.00078	.82536	.83039	.79701	.30902	.32065	.31444	.29346	.29103
2.009	5.998	-.00080	.73958	.77000	.69858	.26979	.28256	.27654	.27325	.26949
2.009	8.088	-.00064	.62703	.71806	.59297	.22938	.24221	.23608	.25486	.24744
2.009	9.961	-.00039	.53008	.65159	.51879	.20112	.21368	.20748	.23652	.22676
2.009	12.038	.00004	.45085	.55669	.44620	.16661	.17833	.17323	.20979	.19229
2.009	14.038	.00030	.39983	.44046	.45457	.14247	.15444	.15166	.17960	.16491
2.009	16.176	.00073	.33869	.33205	.45433	.11057	.12229	.11943	.14769	.14761
2.009	18.054	.00037	.30181	.28141	.43506	.08975	.10167	.09901	.12212	.17106
2.009	20.174	-.00141	.27316	.24856	.42317	.06554	.07671	.07342	.10870	.20541
2.009	21.148	-.00144	.25686	.24013	.40376	.05414	.06430	.06152	.11843	.21391
	GRADIENT	-.00010	-.02490	-.03751	-.03036	-.02299	-.02304	-.02308	-.00918	-.00874

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.276	-2.883	.28568	.99121	1.02135	.98109	.43932	.45339	.45016	.30667	.33295
2.276	-1.940	.28574	.96931	.98789	.95340	.41570	.42863	.42480	.29588	.32588
2.276	-.021	.28612	.91178	.91771	.87873	.36946	.38286	.37969	.29027	.31115
2.276	2.021	.28660	.82510	.84124	.78334	.32595	.33975	.33491	.28057	.31858
2.276	4.245	.28798	.71857	.77891	.66135	.28004	.29298	.28616	.26720	.28909
2.276	5.986	.28811	.62803	.72156	.58759	.24741	.25954	.25301	.25683	.27510
2.276	7.980	.28874	.54043	.63955	.51577	.20918	.22216	.21517	.24514	.25934
2.276	9.949	.28907	.46612	.54470	.45073	.17740	.18777	.18121	.23089	.24094
2.276	12.059	.29015	.39431	.40537	.38371	.14395	.15268	.14768	.21496	.21708
2.276	13.973	.29132	.35119	.32573	.37616	.11599	.12452	.12149	.19602	.19118
2.276	16.033	.29177	.30056	.27161	.37292	.08764	.09541	.09232	.16935	.16249
2.276	18.092	.28932	.25149	.21587	.33179	.06261	.06917	.06675	.14266	.14063
2.276	20.072	.29030	.20205	.17033	.29804	.03972	.04560	.04298	.10738	.12231
2.276	21.166	.28987	.16500	.15084	.28043	.02932	.03635	.03258	.09393	.12602
	GRADIENT	.00031	-.03835	-.03455	-.04491	-.02232	-.02239	-.02285	-.00511	-.00522

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (JGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.495	-2.945	-.17955	.99625	1.01114	.95564	.44457	.45626	.44912	.30745	.30448
2.495	-1.899	-.17945	.97002	.97263	.91841	.41891	.43064	.42289	.30164	.30010
2.495	-.044	-.17993	.89915	.91248	.83527	.37537	.38655	.37784	.29414	.28937
2.495	1.907	-.18018	.81056	.85477	.74092	.32953	.34129	.33458	.28443	.29790
2.495	3.977	-.17993	.68769	.77585	.63319	.28137	.29313	.28634	.27063	.27316
2.495	5.888	-.18037	.59447	.69064	.56789	.24573	.25787	.25232	.26249	.26352
2.495	7.962	-.18045	.50858	.58214	.49967	.20819	.21727	.21167	.25288	.25332
2.495	9.883	-.18071	.44429	.46666	.43171	.17403	.18245	.17922	.24191	.24157
2.495	11.900	-.18005	.38602	.35898	.36532	.14387	.15049	.14689	.23016	.22780
2.495	13.944	-.18004	.33198	.29313	.31791	.11322	.11947	.11656	.21541	.20854
2.495	15.996	-.17983	.28070	.24153	.31174	.08860	.09364	.09273	.19685	.18494
2.495	17.994	-.18007	.22644	.19079	.28821	.06412	.06928	.06822	.17447	.16231
2.495	19.973	-.18093	.16016	.15332	.32781	.04201	.04777	.04610	.14043	.13483
2.495	21.104	-.18091	.13221	.12105	.11045	.03123	.03817	.03448	.12620	.12656
	GRADIENT	-.00008	-.04452	-.03333	-.04685	-.02354	-.02353	-.02341	-.00517	-.00370

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.662	-3.033	-.11883	.96139	.98264	.90060	.43113	.44263	.43544	.28863	.28907
2.662	-2.066	-.11858	.92112	.94818	.84578	.40554	.41672	.41017	.28370	.28503
2.662	-.120	-.11860	.81620	.87951	.74869	.35894	.37107	.36351	.27379	.27645
2.662	1.930	-.11876	.70565	.80322	.66553	.31547	.32717	.32097	.26647	.27410
2.662	3.873	-.11832	.62604	.69475	.59015	.26939	.27956	.27443	.25553	.26153
2.662	5.848	-.11835	.53837	.56131	.51902	.23216	.24189	.23804	.24453	.24990
2.662	7.790	-.11818	.46091	.45712	.44832	.19624	.20401	.20062	.23682	.24110
2.662	9.819	-.11808	.40324	.38469	.38814	.16342	.17028	.16725	.22529	.22842
2.662	11.852	-.11790	.34805	.32029	.32994	.13272	.13811	.13446	.21537	.21579
2.662	13.856	-.11707	.29530	.26552	.27956	.10419	.10970	.10643	.20316	.20143
2.662	15.859	-.11681	.24356	.20653	.22488	.08083	.08502	.08200	.19268	.18480
2.662	17.905	-.11679	.19191	.15788	.17312	.05644	.06079	.05759	.17520	.16510
2.662	19.964	-.11750	.12995	.11337	.11452	.03518	.03975	.03579	.15890	.14310
2.662	20.945	-.11807	.10073	.09256	.09292	.02724	.03320	.02785	.14650	.13205
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.02328	-.02303	-.00467	-.00370

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (KGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.009	-2.895	-.00045	.19551	.24275	.16321	.12600	.22270	.19266	.28834	.21442
2.009	-1.833	-.00093	.19698	.23987	.16905	.14344	.22723	.19240	.27513	.21590
2.009	.136	-.00134	.20457	.20894	.18543	.18385	.24381	.21483	.23867	.20589
2.009	2.127	-.00130	.20203	.17056	.19314	.19383	.24989	.22771	.22232	.18495
2.009	3.045	-.00191	.19796	.18775	.19388	.20055	.25401	.23366	.21436	.18426
2.009	4.099	-.00078	.19280	.18815	.19335	.19496	.25442	.22621	.19799	.19469
2.009	5.998	-.00080	.18432	.18494	.19053	.19684	.25293	.22857	.24130	.22853
2.009	8.088	-.00064	.18576	.18596	.18809	.19397	.25268	.22484	.25097	.23524
2.009	9.961	-.00039	.18083	.18578	.18068	.18903	.24724	.22435	.24645	.23024
2.009	12.038	.00004	.17740	.19316	.17669	.19166	.23676	.21734	.23225	.21496
2.009	14.038	.00030	.18090	.18977	.16982	.18737	.23207	.20743	.21803	.19806
2.009	16.176	.00073	.17186	.17422	.16527	.19043	.22089	.19814	.19431	.17989
2.009	18.054	.00037	.16830	.16888	.16733	.18600	.21729	.19457	.18169	.16801
2.009	20.174	-.00141	.16093	.17096	.16464	.17863	.21544	.19231	.16309	.14697
2.009	21.148	-.00144	.16288	.16988	.16005	.17669	.21566	.19246	.15425	.13892
	GRADIENT	-.00010	-.00011	-.00966	.00466	.01050	.00484	.00710	-.01266	-.00444

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.276	-2.883	.28568	.21854	.26468	.17848	.16720	.20198	.18919	.28698	.22923
2.276	-1.940	.28574	.23341	.26020	.16809	.16410	.20053	.18909	.28048	.24205
2.276	-.021	.28612	.22822	.24588	.15940	.17173	.20652	.19368	.22265	.22296
2.276	2.021	.28660	.21294	.20660	.16557	.18598	.21006	.20329	.21680	.19535
2.276	4.245	.28798	.19445	.19786	.16791	.18332	.21386	.20304	.18289	.17363
2.276	5.986	.28811	.17549	.17821	.16259	.17721	.20980	.19859	.16565	.15657
2.276	7.980	.28874	.15782	.16895	.15861	.17194	.20875	.19503	.17152	.19404
2.276	9.949	.28907	.15001	.16313	.15080	.16670	.20464	.19107	.19709	.18994
2.276	12.059	.29015	.14438	.15873	.14469	.16106	.19850	.18622	.19058	.17991
2.276	13.973	.29132	.13867	.16002	.14206	.16093	.19334	.18020	.17890	.16911
2.276	16.033	.29177	.13898	.15557	.13774	.15566	.18931	.17287	.16550	.15427
2.276	18.092	.28932	.13838	.14713	.13233	.15764	.18348	.17091	.14951	.13933
2.276	20.072	.29030	.13093	.13444	.13431	.16005	.18641	.17032	.13949	.12881
2.276	21.166	.28987	.13158	.13987	.13629	.15598	.19050	.17229	.13030	.11736
	GRADIENT	.00031	-.00418	-.01036	-.00105	.00302	.00186	.00232	-.01481	-.00905

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (KGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.495	-2.945	-.17955	.24728	.25759	.20042	.18239	.21720	.18191	.29842	.26845
2.495	-1.899	-.17945	.24967	.25365	.19269	.17709	.21152	.17806	.29133	.26277
2.495	-.044	-.17993	.24129	.24160	.17945	.17040	.21033	.17902	.23313	.22162
2.495	1.907	-.18018	.22773	.21496	.17239	.17018	.21105	.18486	.22773	.19932
2.495	3.977	-.17993	.21181	.20369	.17452	.17574	.21281	.18915	.21181	.17501
2.495	5.888	-.18037	.19546	.18445	.17056	.17226	.21313	.19079	.18859	.16141
2.495	7.962	-.18045	.17511	.16816	.16434	.16652	.21162	.18972	.15620	.14120
2.495	9.883	-.18071	.16115	.15941	.16029	.16329	.20941	.18912	.14783	.13722
2.495	11.900	-.18005	.15288	.15745	.15162	.15932	.20392	.18302	.19324	.17526
2.495	13.944	-.18004	.14499	.15251	.14880	.15916	.19812	.17847	.18192	.16511
2.495	15.996	-.17983	.14143	.14756	.14650	.15389	.19407	.17359	.17108	.15234
2.495	17.994	-.18007	.14055	.14406	.14131	.15214	.18794	.16925	.15515	.14015
2.495	19.973	-.18093	.14172	.13744	.13907	.15590	.18703	.17049	.14086	.12700
2.495	21.104	-.18091	.14082	.13874	.13996	.15328	.18833	.17139	.12921	.11611
	GRADIENT	-.00008	-.00542	-.00838	-.00394	-.00101	-.00043	.00130	-.01323	-.01420

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.662	-3.033	-.11883	.23619	.24851	.19459	.18969	.21545	.18418	.22828	.20393
2.662	-2.066	-.11858	.23318	.24393	.18947	.18416	.20733	.17609	.22922	.23892
2.662	-.120	-.11860	.22676	.23188	.17811	.17429	.19479	.17067	.21934	.22386
2.662	1.930	-.11876	.21845	.21950	.16682	.16501	.19444	.17128	.23528	.19193
2.662	3.873	-.11832	.20702	.20240	.16137	.16445	.19438	.17327	.22335	.17132
2.662	5.848	-.11835	.19059	.18577	.15825	.16090	.19429	.17510	.20692	.17976
2.662	7.790	-.11818	.17545	.16792	.15302	.15516	.19599	.17484	.15120	.13281
2.662	9.819	-.11808	.15798	.15423	.14643	.14956	.19384	.17320	.13422	.11762
2.662	11.852	-.11790	.14608	.14463	.14338	.14558	.19174	.16964	.17874	.15766
2.662	13.856	-.11707	.13586	.13828	.13815	.14377	.19041	.16591	.17297	.15131
2.662	15.859	-.11681	.13229	.13718	.14048	.14368	.18781	.16327	.16248	.14119
2.662	17.905	-.11679	.13314	.13352	.13937	.14106	.18565	.16018	.15244	.13001
2.662	20.945	-.11807	.13958	.13004	.13890	.14601	.18720	.16319	.13116	.11299
	GRADIENT	.00004	-.00414	-.00659	-.00498	-.00385	-.00294	-.00135	-.00018	-.00701

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.859	-.00032	497.58936	2.39715	176.16710	1397.28589	1.65878	558.20142	.00000
2.009	-1.888	-.00095	497.96094	2.39715	176.30281	1398.31201	1.65878	558.86157	.00000
2.009	.382	-.00166	498.00171	2.39715	176.32417	1398.39624	1.65877	559.46680	.00000
2.009	2.116	-.00179	497.90894	2.39715	176.29933	1398.09741	1.65877	560.07178	.00000
2.009	4.099	-.00150	498.04712	2.39715	176.35474	1398.45679	1.65875	560.73145	.00000
2.009	6.030	-.00130	498.11816	2.39715	176.39012	1398.61108	1.65875	561.66602	.00000
2.009	8.036	-.00128	498.00732	2.39715	176.35728	1398.27075	1.65874	562.10571	.00000
2.008	9.981	-.00087	498.28223	2.39715	176.45778	1399.02856	1.65874	562.60010	.00000
2.008	12.054	-.00050	498.30493	2.39715	176.46964	1399.07568	1.65873	562.92969	.00000
2.008	14.095	-.00013	497.94360	2.39715	176.35300	1398.01221	1.65873	563.58862	.00000
2.008	16.081	.00036	497.91919	2.39715	176.34979	1397.91675	1.65872	564.02783	.00000
2.008	18.153	-.00010	498.03516	2.39715	176.40013	1398.20215	1.65871	564.90625	.00000
2.008	20.154	-.00179	498.12378	2.39715	176.43333	1398.44287	1.65871	565.12573	.00000
2.008	21.222	-.00187	497.85156	2.39715	176.33559	1397.68530	1.65871	564.79663	.00000
	GRADIENT	-.00017	.04305	-.00000	.01895	.10429	-.00000	.34493	.00000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.879	.28666	502.48120	2.44473	138.67499	1667.91919	1.69669	573.29102	.00000
2.275	-1.912	.28690	501.90796	2.44473	138.52701	1665.91943	1.69668	573.83862	.00000
2.275	.034	.28656	501.42480	2.44473	138.39714	1664.28491	1.69668	573.78369	.00000
2.275	1.997	.28715	502.97046	2.44473	138.81430	1669.50366	1.69668	574.11230	.00000
2.275	3.881	.28762	502.91211	2.44473	138.79987	1669.29541	1.69669	574.22144	.00000
2.275	5.922	.28790	502.92480	2.44473	138.80440	1669.32715	1.69668	574.33081	.00000
2.275	7.920	.28847	502.85645	2.44473	138.78983	1669.05981	1.69668	574.71387	.00000
2.275	9.901	.28876	502.85229	2.44473	138.79382	1668.99780	1.69667	575.20630	.00000
2.275	11.897	.28949	502.70117	2.44473	138.75499	1668.46753	1.69667	575.37036	.00000
2.275	13.986	.29075	502.93042	2.44473	138.82483	1669.16846	1.69667	576.19067	.00000
2.275	15.988	.29113	502.92554	2.44473	138.82458	1669.14038	1.69666	576.29980	.00000
2.275	17.998	.29133	502.79907	2.44473	138.78574	1668.75952	1.69667	575.80786	.00000
2.275	20.068	.28960	502.56055	2.44473	138.72421	1667.92529	1.69666	576.02661	.00000
2.275	21.066	.28908	502.82275	2.44473	138.79720	1668.79199	1.69666	576.30005	.00000
	GRADIENT	.00013	.12582	.00000	.03488	.41645	-.00000	.11693	.00000

OA234 LERC 10SWT 42 1HA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.953	-.17903	500.20557	2.52630	114.81369	1945.76587	1.70464	578.04883	.00000
2.495	-1.974	-.17908	500.22290	2.52630	114.81514	1945.87451	1.70458	577.72095	.00000
2.495	-.036	-.17968	500.43457	2.52630	114.86127	1946.73706	1.70386	577.55688	.00000
2.495	1.919	-.17980	500.68506	2.52630	114.91727	1947.73535	1.70301	577.55688	.00000
2.495	3.910	-.17994	500.40308	2.52630	114.85667	1946.57153	1.70397	577.88501	.00000
2.495	5.864	-.18030	500.87061	2.52630	114.96434	1948.38574	1.70238	578.32202	.00000
2.495	7.874	-.18061	500.37866	2.52630	114.85524	1946.41235	1.70405	578.43140	.00000
2.495	9.911	-.18067	500.78589	2.52630	114.94827	1948.00293	1.70267	578.70459	.00000
2.495	11.863	-.18021	500.77148	2.52630	114.94585	1947.93384	1.70272	578.81372	.00000
2.495	13.928	-.18009	500.70337	2.52630	114.93224	1947.63477	1.70295	579.03223	.00000
2.495	15.943	-.17998	500.73071	2.52630	114.94196	1947.68896	1.70285	579.52393	.00000
2.495	17.944	-.18027	500.78833	2.52630	114.95917	1947.84888	1.70266	580.12451	.00000
2.495	20.035	-.18119	500.51245	2.52630	114.89503	1946.78857	1.70360	579.79687	.00000
2.495	21.067	-.18130	500.60327	2.52630	114.91507	1947.15625	1.70329	579.74219	.00000
	GRADIENT	-.00014	.04740	.00000	.01045	.19126	-.00016	-.02113	.00000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.104	-.11898	434.37866	2.23886	87.70169	1919.95703	1.73369	577.17432	.00000
2.660	-2.046	-.11872	434.43091	2.23886	87.70805	1920.28467	1.73370	577.06494	.00000
2.660	-.073	-.11882	434.39819	2.23886	87.70082	1920.15576	1.73370	577.01025	.00000
2.660	1.882	-.11872	434.21191	2.23886	87.66193	1919.36084	1.73370	576.79175	.00000
2.660	3.857	-.11856	434.55200	2.23886	87.72093	1921.08716	1.73371	576.73706	.00000
2.660	5.852	-.11857	434.74048	2.23886	87.76155	1921.86304	1.73371	577.01050	.00000
2.660	7.818	-.11843	434.95630	2.23886	87.80128	1922.90381	1.73371	577.06519	.00000
2.660	9.759	-.11837	435.09521	2.23886	87.83461	1923.39673	1.73371	577.39307	.00000
2.660	11.808	-.11822	434.91699	2.23886	87.79860	1922.60815	1.73371	577.22900	.00000
2.660	13.846	-.11731	434.97314	2.23886	87.81000	1922.85425	1.73370	577.28369	.00000
2.660	15.863	-.11717	435.14014	2.23886	87.84108	1923.65576	1.73371	577.33838	.00000
2.660	19.935	-.11877	435.06348	2.23886	87.83322	1923.14087	1.73370	577.55688	.00000
2.660	20.962	-.11847	435.30200	2.23886	87.87268	1924.39575	1.73371	577.44751	.00000
	GRADIENT	.00004	.00740	.00000	-.00037	.07586	.00000	-.06392	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (JGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.009	-2.859	-.00032	1.00514	1.03111	1.01123	.47428	.48308	.47866	.36068	.30462
2.009	-1.888	-.00095	.98414	1.00708	.98831	.44846	.45838	.45410	.35435	.30045
2.009	.082	-.00166	.93937	.95412	.93335	.39953	.40933	.40469	.33910	.27664
2.009	2.116	-.00179	.89119	.89429	.87600	.35566	.36601	.36164	.31897	.27418
2.009	4.099	-.00150	.82427	.82654	.79699	.31012	.32106	.31519	.29718	.24661
2.009	6.030	-.00130	.73318	.77121	.69724	.26952	.28142	.27548	.27772	.22785
2.009	8.036	-.00128	.62685	.71866	.59977	.23690	.24980	.24275	.26020	.22410
2.008	9.981	-.00087	.53045	.64935	.51985	.19893	.21153	.20479	.24292	.22982
2.008	12.054	-.00050	.45177	.56362	.44267	.16628	.17767	.17284	.21717	.23779
2.008	14.095	-.00013	.39802	.43732	.44228	.14174	.15282	.14962	.18488	.23910
2.008	16.081	.00036	.34172	.33326	.45387	.11191	.12349	.12100	.15376	.23243
2.008	18.153	-.00010	.30076	.27846	.42926	.08867	.10010	.09821	.12447	.23738
2.008	20.154	-.00179	.27282	.24645	.41828	.06662	.07691	.07366	.10499	.22946
2.008	21.222	-.00187	.25638	.23368	.39582	.05324	.06374	.06101	.11540	.22687
	GRADIENT	-.00017	-.02550	-.02925	-.03040	-.02343	-.02318	-.02335	-.00913	-.00797

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.275	-2.879	.28666	.99697	1.02150	.98000	.44173	.45408	.45127	.30449	.29621
2.275	-1.912	.28690	.96820	.98611	.95504	.41538	.42787	.42524	.29636	.29396
2.275	.034	.28656	.90702	.91382	.91481	.36832	.38086	.37814	.29247	.28051
2.275	1.997	.28715	.83287	.84655	.78551	.32634	.33805	.33350	.28362	.28716
2.275	3.881	.28762	.73920	.78547	.68406	.28794	.30093	.29409	.27127	.25779
2.275	5.922	.28790	.63205	.72289	.59191	.24801	.26105	.25421	.25955	.24034
2.275	7.920	.28847	.54256	.64312	.51989	.21005	.22147	.21652	.24681	.22147
2.275	9.901	.28876	.46721	.54162	.44989	.17708	.18764	.18227	.23262	.20362
2.275	11.897	.28949	.40010	.42525	.38997	.14619	.15516	.15057	.21840	.19664
2.275	13.986	.29075	.34812	.32058	.37176	.11506	.12358	.11969	.19837	.20177
2.275	15.988	.29113	.30221	.26824	.36825	.08836	.09577	.09300	.17423	.20037
2.275	17.998	.29133	.25340	.21521	.32804	.06311	.06974	.06685	.14813	.19812
2.275	20.068	.28960	.20153	.16677	.29565	.04024	.04531	.04312	.11333	.20364
2.275	21.066	.28908	.17000	.14987	.28501	.03022	.03689	.03263	.09944	.20123
	GRADIENT	.00013	-.03757	-.03504	-.04427	-.02266	-.02263	-.02321	-.00451	-.00484

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (JGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.495	-2.953	-.17903	1.00062	1.01472	.95676	.44731	.45755	.45073	.30772	.27283
2.495	-1.974	-.17908	.96860	.97714	.92036	.42140	.43141	.42393	.30201	.27183
2.495	-.036	-.17968	.90327	.90927	.88566	.37348	.38400	.37723	.29447	.26384
2.495	1.919	-.17980	.80337	.84569	.73750	.32903	.33949	.33180	.28568	.27531
2.495	3.910	-.17994	.69201	.77726	.63887	.28507	.29724	.29042	.27348	.25039
2.495	5.804	-.18030	.59681	.69367	.56825	.24611	.25743	.25183	.26241	.23792
2.495	7.874	-.18061	.51051	.58143	.50094	.20821	.21824	.21426	.25372	.22302
2.495	9.911	-.18067	.43820	.45282	.42336	.17355	.18148	.17744	.24260	.20709
2.495	11.863	-.18021	.38504	.35811	.36494	.14407	.15073	.14705	.23113	.19414
2.495	13.928	-.18009	.33308	.29464	.31861	.11490	.12076	.11697	.21784	.18893
2.495	15.943	-.17998	.28144	.23964	.30769	.08865	.09331	.09154	.20060	.19189
2.495	17.944	-.18027	.22600	.18776	.28334	.06335	.06894	.06704	.17875	.19140
2.495	20.035	-.18119	.15744	.14586	.28273	.04119	.04695	.04400	.14500	.19726
2.495	21.067	-.18130	.13183	.11897	.11406	.03147	.03798	.03385	.13184	.19615
	GRADIENT	-.00014	-.04480	-.03434	-.04700	-.02359	-.02333	-.02334	-.00481	-.00240

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.660	-3.104	-.11898	.95851	.98436	.89561	.43206	.44343	.43581	.28863	.25845
2.660	-2.046	-.11872	.91710	.94710	.84237	.40430	.41546	.40892	.28264	.25595
2.660	-.073	-.11882	.81491	.87505	.74697	.35803	.36920	.36167	.27396	.25216
2.660	1.882	-.11872	.70670	.79222	.66101	.31264	.32281	.31621	.26465	.25574
2.660	3.857	-.11856	.62113	.69024	.58736	.27191	.28216	.27696	.25313	.23964
2.660	5.852	-.11857	.53420	.55907	.51825	.23149	.24066	.23637	.24285	.23016
2.660	7.818	-.11843	.45831	.45411	.44873	.19477	.20249	.19911	.23626	.21849
2.660	9.759	-.11837	.40345	.38346	.38598	.16377	.16966	.16710	.22646	.20166
2.660	11.808	-.11822	.34647	.31964	.32983	.13197	.13838	.13524	.21642	.18890
2.660	13.848	-.11731	.29189	.25823	.27572	.10416	.10919	.10590	.20638	.17774
2.660	15.863	-.11717	.24052	.20400	.22332	.07962	.08432	.08033	.19413	.17584
2.660	17.889	-.11718	.19039	.15596	.17268	.05574	.06060	.05736	.17867	.17318
2.660	19.935	-.11877	.12965	.11060	.11426	.03509	.04017	.03522	.16232	.17229
2.660	20.962	-.11847	.09950	.08988	.09173	.02673	.03219	.02685	.15205	.17724
	GRADIENT	.00004	-.04970	-.04182	-.04453	-.02301	-.02319	-.02293	-.00498	-.00214

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (KGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.009	-2.859	-.00032	.19486	.20829	.16390	.18924	.22137	.21189	.28985	.20350
2.009	-1.888	-.00095	.20028	.20984	.16892	.19640	.22640	.21558	.27666	.20156
2.009	.082	-.00166	.21309	.21437	.18219	.19972	.24181	.22280	.24028	.19825
2.009	2.116	-.00179	.20805	.20536	.19226	.19856	.25023	.23158	.22791	.20187
2.009	4.099	-.00150	.19880	.20479	.19250	.20182	.25402	.23224	.19966	.20436
2.009	6.030	-.00130	.19056	.20868	.18907	.19704	.25268	.22882	.24234	.23743
2.009	8.036	-.00128	.19160	.21364	.18659	.20282	.25372	.22935	.25157	.24196
2.008	9.981	-.00087	.18340	.20064	.18017	.19548	.24419	.22465	.24464	.22807
2.008	12.054	-.00050	.17620	.18683	.17586	.19345	.23604	.21774	.23270	.21514
2.008	14.095	-.00013	.18013	.18377	.16992	.18790	.23038	.20664	.21681	.19945
2.008	16.081	.00036	.17231	.17711	.16419	.18482	.22111	.19788	.19561	.18146
2.008	18.153	-.00010	.16587	.16419	.16774	.18269	.21517	.19235	.17881	.16375
2.008	20.154	-.00179	.15933	.16281	.16395	.17701	.21421	.19031	.16536	.14624
2.008	21.222	-.00187	.15943	.16236	.15999	.17497	.21467	.19068	.15425	.13619
	GRADIENT	-.00017	.00070	-.00072	.00444	.00142	.00492	.00314	-.01270	.00018

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.275	-2.879	.28666	.23140	.23921	.17599	.17926	.20205	.20339	.29124	.21501
2.275	-1.912	.28690	.23814	.23558	.16803	.18763	.20010	.20361	.27623	.21871
2.275	.034	.28656	.23205	.21643	.15800	.19734	.20473	.20906	.22434	.20473
2.275	1.997	.28715	.21699	.19090	.16240	.19307	.20818	.20902	.22041	.18486
2.275	3.881	.28762	.19908	.19477	.16757	.18542	.21118	.20393	.18755	.17663
2.275	5.922	.28790	.18094	.18810	.16137	.17667	.21012	.19988	.16770	.20969
2.275	7.920	.28847	.16305	.18518	.15833	.16775	.20807	.19513	.15579	.20462
2.275	9.901	.28876	.15059	.18419	.15061	.16811	.20406	.18997	.19588	.18980
2.275	11.897	.28949	.14491	.17158	.14501	.16499	.19880	.18567	.19148	.18108
2.275	13.986	.29075	.13727	.16031	.14193	.16205	.19357	.17915	.17871	.16852
2.275	15.988	.29113	.13621	.15327	.13749	.15672	.18871	.17172	.16569	.15457
2.275	17.998	.29133	.13616	.14367	.13103	.15454	.18256	.16911	.14984	.13892
2.275	20.068	.28960	.13129	.13489	.13260	.15437	.18548	.16942	.13855	.12624
2.275	21.066	.28908	.12978	.13467	.13490	.15286	.18870	.17000	.13149	.11780
	GRADIENT	.00013	-.00515	-.00768	-.00112	.00083	.00156	.00034	-.01496	-.00650

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (KGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.495	-2.953	-.17903	.25275	.23332	.20129	.17718	.21856	.19054	.29870	.21031
2.495	-1.974	-.17908	.25090	.22842	.19428	.17791	.21192	.18783	.28354	.24318
2.495	-.036	-.17968	.24295	.21087	.18030	.18199	.20696	.19105	.23350	.20088
2.495	1.919	-.17980	.23032	.18287	.17108	.18226	.20805	.19514	.23161	.18287
2.495	3.910	-.17994	.21553	.18310	.17220	.17862	.20872	.19370	.22412	.16833
2.495	5.864	-.18030	.19808	.17848	.17022	.17106	.21146	.19212	.19679	.18933
2.495	7.874	-.18061	.17901	.17655	.16267	.16528	.21043	.18932	.15669	.19609
2.495	9.911	-.18067	.16197	.17280	.15768	.16368	.20839	.18646	.14653	.15065
2.495	11.863	-.18021	.15264	.16853	.15006	.16037	.20281	.18227	.19253	.17591
2.495	13.928	-.18009	.14492	.16071	.14876	.15822	.19804	.17626	.18224	.16549
2.495	15.943	-.17998	.14012	.15369	.14568	.15642	.19362	.17145	.17100	.15282
2.495	17.944	-.18027	.13928	.14756	.14051	.15216	.18749	.16757	.15516	.13887
2.495	20.035	-.18119	.13985	.13430	.13767	.15230	.18554	.16775	.13985	.12388
2.495	21.067	-.18130	.13999	.13187	.13871	.15115	.18660	.16922	.12927	.11710
	GRADIENT	-.00014	-.00548	-.00829	-.00452	.00037	-.00122	.00081	-.01112	-.00870

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.660	-3.104	-.11898	.23670	.22342	.19359	.17637	.21591	.18517	.22681	.18787
2.660	-2.046	-.11872	.23419	.21991	.18906	.17386	.20639	.18114	.22825	.19939
2.660	-.073	-.11882	.22748	.20260	.17842	.17210	.19359	.17941	.22006	.19109
2.660	1.882	-.11872	.21765	.18111	.16508	.17165	.19114	.18144	.23447	.17610
2.660	3.857	-.11856	.20667	.17656	.15811	.16712	.19008	.17941	.22248	.16554
2.660	5.852	-.11857	.19395	.17214	.15623	.16036	.19215	.17701	.20778	.17815
2.660	7.818	-.11843	.17699	.16698	.15113	.15230	.19499	.17536	.14983	.17898
2.660	9.759	-.11837	.15933	.15866	.14386	.14897	.19217	.17106	.13268	.13115
2.660	11.808	-.11822	.14629	.15489	.14118	.14678	.19190	.16740	.17740	.16139
2.660	13.848	-.11731	.13625	.14923	.13657	.14514	.18824	.16427	.17131	.15173
2.660	15.863	-.11717	.13144	.14435	.13818	.14576	.18584	.16141	.16155	.14134
2.660	17.889	-.11719	.13078	.13917	.13798	.14312	.18568	.16023	.15151	.13067
2.660	19.935	-.11877	.13379	.13478	.13658	.14120	.18329	.15981	.13725	.11676
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00004	-.00434	-.00745	-.00533	-.00115	-.00362	-.00058	-.00014	-.00404

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.994	-2.871	-.00018	299.92090	1.46665	107.77406	835.27344	1.65625	556.88037	.00000
1.994	-1.781	-.00028	299.93481	1.46665	107.78040	835.30737	1.65625	557.04565	.00000
1.994	.136	-.00074	299.80322	1.46665	107.73573	834.92847	1.65624	557.15552	.00000
1.994	2.120	-.00075	299.89941	1.46665	107.76962	835.19995	1.65624	557.21069	.00000
1.994	4.071	-.00074	299.85400	1.46665	107.75487	835.06714	1.65624	557.32080	.00000
1.994	6.054	-.00049	299.82397	1.46665	107.74400	834.98291	1.65624	557.26587	.00000
1.994	8.036	-.00030	299.84033	1.46665	107.75204	835.01904	1.65624	557.54102	.00000
1.994	10.074	-.00032	299.92798	1.46665	107.78156	835.27246	1.65624	557.43091	.00000
1.994	12.087	-.00039	299.83105	1.46665	107.74847	834.99365	1.65623	557.48608	.00000
1.994	14.062	.00045	299.90356	1.46665	107.77357	835.20093	1.65624	557.48608	.00000
1.994	16.024	.00051	299.82544	1.46665	107.74940	834.96582	1.65623	557.81641	.00000
1.994	16.311	.00048	299.87891	1.46665	107.76604	835.12598	1.65624	557.59619	.00000
1.994	18.079	.00038	299.56885	1.46665	107.65889	834.24390	1.65623	557.65112	.00000
1.994	20.149	-.00069	299.89453	1.46665	107.77249	835.16626	1.65623	557.70630	.00000
1.994	21.172	-.00088	299.94067	1.46665	107.78845	835.29810	1.65624	557.70630	.00000
	GRADIENT	-.00009	-.00922	-.00000	-.00267	-.02834	-.00000	.05731	.00000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.258	-2.935	.28775	304.45483	1.53908	85.27434	999.10767	1.69466	560.45679	.00000
2.258	-1.979	.28793	304.52295	1.53908	85.29468	999.31934	1.69467	560.73169	.00000
2.258	.081	.28799	304.25806	1.53908	85.22267	998.43115	1.69466	560.67676	.00000
2.258	1.993	.28829	304.13477	1.53908	85.18806	998.02783	1.69466	560.51196	.00000
2.258	3.999	.28875	304.24365	1.53908	85.21710	998.39722	1.69467	560.45703	.00000
2.258	5.990	.28906	304.17749	1.53908	85.20047	998.16333	1.69466	560.62183	.00000
2.258	7.968	.28946	304.15186	1.53908	85.19427	998.07056	1.69466	560.73169	.00000
2.258	9.977	.28964	304.11206	1.53908	85.18349	997.93579	1.69466	560.73193	.00000
2.258	11.954	.29017	304.12036	1.53908	85.18619	997.96045	1.69466	560.78662	.00000
2.258	13.945	.29124	304.12109	1.53908	85.18674	997.95923	1.69466	560.84155	.00000
2.258	15.976	.29146	304.22656	1.53908	85.21646	998.30396	1.69466	561.00659	.00000
2.258	18.002	.29159	304.11597	1.53908	85.18651	997.93213	1.69465	561.00659	.00000
2.258	20.056	.29044	304.14136	1.53908	85.19342	998.01807	1.69465	561.00659	.00000
2.258	21.153	.28996	304.12598	1.53908	85.18962	997.96167	1.69465	561.06152	.00000
	GRADIENT	.00013	-.04592	.00000	-.01256	-.15338	-.00000	-.01685	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.476	-3.008	-.18034	301.54126	1.58215	70.24568	1156.86621	2.82771	566.49756	.00000
2.476	-1.927	-.18028	300.88281	1.58215	70.09691	1154.26953	2.83390	566.44263	.00000
2.476	-.048	-.18051	300.33789	1.58215	69.97247	1152.14038	2.83904	566.16846	.00000
2.477	1.900	-.18070	303.21289	1.58215	70.62192	1163.48169	2.81212	566.38794	.00000
2.477	3.922	-.18071	302.84253	1.58215	70.53748	1162.03223	2.81556	566.22314	.00000
2.477	5.884	-.18079	302.76782	1.58215	70.51974	1161.75317	2.81625	566.05859	.00000
2.477	7.906	-.18074	302.73340	1.58215	70.51041	1161.63916	2.81658	565.78418	.00000
2.477	9.883	-.18095	302.66724	1.58215	70.49454	1161.39062	2.81719	565.61963	.00000
2.477	11.888	-.18080	302.76855	1.58215	70.51581	1161.81641	2.81625	565.34546	.00000
2.477	13.895	-.18007	302.70068	1.58215	70.50110	1161.53735	2.81688	565.45508	.00000
2.477	15.881	-.17999	302.74902	1.58215	70.51135	1161.73975	2.81643	565.34546	.00000
2.477	17.940	-.18017	302.76221	1.58215	70.51311	1161.81152	2.81631	565.12573	.00000
2.477	19.940	-.18030	302.76147	1.58215	70.51479	1161.77783	2.81631	565.45508	.00000
2.477	21.017	-.18072	302.76562	1.58215	70.51450	1161.81299	2.81628	565.23560	.00000
	GRADIENT	-.00007	.29793	-.00000	.06695	1.18012	-.00278	-.03271	.00000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.642	-3.045	-.11917	306.94092	1.66189	62.80670	1337.84058	1.73232	569.56763	.00000
2.642	-1.948	-.11911	307.01440	1.66189	62.82239	1338.14673	1.73232	569.51294	.00000
2.642	-.022	-.11907	307.10107	1.66189	62.84135	1338.49683	1.73232	569.34863	.00000
2.642	1.906	-.11902	306.57812	1.66189	62.73184	1336.27271	1.73232	569.23877	.00000
2.642	3.873	-.11891	306.60132	1.66189	62.73746	1336.35547	1.73232	569.07422	.00000
2.642	5.848	-.11890	306.67700	1.66189	62.75334	1336.67603	1.73232	569.07446	.00000
2.642	7.870	-.11876	306.78101	1.66189	62.77617	1337.09570	1.73231	568.85498	.00000
2.642	9.892	-.11871	306.64526	1.66189	62.74834	1336.50415	1.73231	568.69067	.00000
2.642	11.832	-.11873	306.67676	1.66189	62.75517	1336.63208	1.73231	568.63574	.00000
2.642	13.872	-.11793	306.73291	1.66189	62.76675	1336.87500	1.73231	568.69067	.00000
2.642	15.863	-.11779	306.72217	1.66189	62.76502	1336.81860	1.73231	568.58105	.00000
[illegible]									
2.642	19.914	-.11814	306.65110	1.66189	62.74588	1336.43408	1.73231	568.63105	.00000
2.642	20.974	-.11864	306.70068	1.66189	62.76265	1336.67896	1.73231	568.08765	.00000
	GRADIENT	.00003	-.06592	-.00000	-.01355	-.28597	.00000	-.07152	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (JGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
1.994	-2.871	-.00018	.96964	1.00939	.95756	.46776	.47761	.47315	.35603	.32913
1.994	-1.781	-.00028	.93689	.98509	.92695	.43971	.45125	.44551	.34443	.32231
1.994	.136	-.00074	.87293	.93521	.84812	.39267	.40386	.39929	.32604	.29296
1.994	2.120	-.00075	.79241	.88286	.76185	.34764	.36106	.35555	.30323	.26179
1.994	4.071	-.00074	.71493	.82411	.68536	.30602	.31831	.31315	.28381	.24218
1.994	6.054	-.00049	.63898	.75183	.61397	.26525	.27856	.27304	.26668	.23141
1.994	8.036	-.00030	.56686	.65592	.54980	.22815	.24033	.23672	.25036	.22372
1.994	10.074	-.00032	.48589	.52294	.47110	.19840	.20943	.20609	.23135	.23410
1.994	12.087	-.00039	.41947	.40709	.40315	.16784	.17842	.17481	.20795	.23572
1.994	14.062	.00045	.36596	.33575	.34775	.14163	.15119	.14784	.18246	.23173
1.994	16.024	.00051	.31131	.27115	.29324	.11569	.12563	.12114	.15868	.22724
1.994	16.311	.00048	.30313	.26306	.28426	.11265	.12106	.11734	.15562	.22553
1.994	18.079	.00038	.26790	.21924	.24578	.09161	.10123	.09699	.13965	.21934
1.994	20.149	-.00069	.23800	.18084	.19231	.06769	.07693	.07159	.13286	.21842
1.994	21.172	-.00088	.20992	.15992	.15888	.05537	.06378	.05928	.14559	.22345
	GRADIENT	-.00009	-.03693	-.02667	-.04007	-.02331	-.02294	-.02300	-.01044	-.01326

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.258	-2.935	.28775	.93564	.99164	.90070	.43678	.45031	.44735	.29706	.31250
2.258	-1.979	.28793	.89821	.96098	.85845	.41414	.42669	.42341	.29211	.30391
2.258	.081	.28799	.80936	.89547	.76334	.36507	.37863	.37505	.28247	.28497
2.258	1.993	.28829	.72338	.82460	.68807	.32373	.33600	.33216	.27147	.26448
2.258	3.999	.28875	.64530	.72470	.61932	.28255	.29502	.29091	.25854	.24781
2.258	5.990	.28906	.56966	.59820	.54800	.24230	.25501	.25064	.24936	.23212
2.258	7.968	.28946	.49033	.49004	.47220	.20545	.21624	.21160	.23864	.21624
2.258	9.977	.28964	.42694	.41208	.41118	.17268	.18159	.17799	.22282	.20521
2.258	11.954	.29017	.36511	.34462	.35298	.14124	.14902	.14582	.20691	.19915
2.258	13.945	.29124	.31214	.28468	.29574	.11167	.11970	.11549	.18934	.19630
2.258	15.976	.29146	.25565	.22824	.23790	.08563	.09187	.08801	.16682	.19282
2.258	18.002	.29159	.20325	.17381	.18199	.06013	.06670	.06104	.14204	.18771
2.258	20.056	.29044	.15547	.12403	.12361	.03789	.04411	.03875	.11909	.18374
2.258	21.153	.28996	.12153	.09508	.09572	.02730	.03411	.02815	.10920	.18379
	GRADIENT	.00013	-.04237	-.03777	-.04096	-.02231	-.02244	-.02260	-.00549	-.00947

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (JGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 38/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.476	-3.008	-.18034	.91697	.98625	.87451	.44319	.45486	.44816	.30283	.28825
2.476	-1.927	-.18028	.87147	.95082	.82784	.41451	.42736	.42023	.29529	.27771
2.476	-.048	-.18051	.78940	.87899	.75297	.37260	.38495	.37683	.28536	.26544
2.477	1.900	-.18070	.71114	.78013	.67355	.32598	.33687	.32940	.27357	.25509
2.477	3.922	-.18071	.63120	.64930	.59315	.28194	.29169	.28741	.26279	.24498
2.477	5.884	-.18079	.54058	.54046	.52181	.24249	.25099	.24857	.25596	.23230
2.477	7.906	-.18074	.46747	.46177	.45282	.20418	.21353	.21162	.24462	.21785
2.477	9.883	-.18095	.40996	.39931	.39543	.17086	.17834	.17543	.23329	.20567
2.477	11.888	-.18080	.34801	.33109	.33066	.14026	.14659	.14407	.22113	.19623
2.477	13.895	-.18007	.28768	.27019	.27040	.11196	.11789	.11570	.20775	.19057
2.477	15.881	-.17999	.23008	.21052	.21277	.08637	.09335	.08937	.19136	.18831
2.477	17.940	-.18017	.17884	.15295	.15445	.06074	.06663	.06369	.17069	.18467
2.477	19.940	-.18030	.12044	.09609	.10467	.03935	.04708	.04298	.14786	.18095
2.477	21.017	-.18072	.09584	.07156	.08337	.02829	.03657	.03189	.13469	.17909
	GRADIENT	-.00007	-.04133	-.04823	-.04050	-.02319	-.02354	-.02326	-.00574	-.00610

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP27	CP28	CP29	CP30	CP31	CP32	CP33	CP34
2.642	-3.045	-.11917	.88569	.95435	.83733	.42306	.43557	.42866	.28451	.27399
2.642	-1.948	-.11911	.83059	.91048	.78889	.39485	.40701	.40110	.27734	.26248
2.642	-.022	-.11907	.74401	.81200	.70724	.35174	.36411	.35726	.26642	.25144
2.642	1.906	-.11902	.65951	.67888	.62263	.30676	.31777	.31213	.25561	.24252
2.642	3.873	-.11891	.57792	.57209	.55020	.26530	.27509	.26994	.24639	.23320
2.642	5.848	-.11890	.50346	.49502	.48706	.22609	.23531	.23063	.23870	.22396
2.642	7.870	-.11876	.43544	.42563	.41691	.18972	.19705	.19423	.22892	.21053
2.642	9.892	-.11871	.37596	.36134	.35748	.15687	.16302	.16132	.21849	.19782
2.642	11.832	-.11873	.31247	.29795	.29611	.12708	.13280	.12937	.20971	.18537
2.642	13.872	-.11793	.25386	.24151	.23610	.10009	.10471	.10234	.19810	.17575
2.642	15.863	-.11779	.19818	.18246	.18117	.07663	.08027	.07691	.18506	.17137
2.642	17.905	-.11760	.15089	.12987	.13529	.05121	.05421	.05405	.17100	.16882
2.642	19.914	-.11814	.10330	.07516	.08934	.03315	.03958	.03456	.15499	.16750
2.642	20.974	-.11864	.07018	.04910	.06644	.02319	.03089	.02388	.14571	.16592
	GRADIENT	.00003	-.04436	-.05661	-.04180	-.02277	-.02315	-.02294	-.00552	-.00566

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (KGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
1.994	-2.871	-.00018	.16914	.15584	.16755	.18918	.22040	.20987	.24146	.18849
1.994	-1.781	-.00028	.18325	.15772	.16864	.19113	.22517	.21383	.23339	.18311
1.994	.136	-.00074	.19565	.16964	.17684	.19351	.23494	.22062	.21500	.17690
1.994	2.120	-.00075	.19795	.18928	.18412	.19436	.24511	.22500	.19866	.19145
1.994	4.071	-.00074	.18710	.19721	.18617	.19641	.24581	.22778	.19856	.22622
1.994	6.054	-.00049	.17999	.19876	.18622	.20077	.24737	.22712	.22728	.22779
1.994	8.036	-.00030	.17800	.19244	.18504	.20092	.24541	.22236	.24033	.23308
1.994	10.074	-.00032	.17405	.18984	.18027	.20055	.23990	.21829	.24210	.22466
1.994	12.087	-.00039	.16856	.18350	.17553	.19792	.23210	.21140	.22800	.21106
1.994	14.062	.00045	.17243	.17950	.17080	.19177	.22521	.20309	.21326	.19328
1.994	16.024	.00051	.17730	.17427	.16635	.18518	.21998	.19506	.19449	.17572
1.994	16.311	.00048	.17783	.17403	.16468	.18427	.21828	.19338	.19143	.17258
1.994	18.079	.00038	.17407	.16662	.16306	.17765	.21093	.18891	.17263	.15645
1.994	20.149	-.00069	.16580	.15677	.16196	.17368	.21262	.18779	.15291	.14008
1.994	21.172	-.00088	.18140	.14944	.15899	.17495	.21257	.18911	.14917	.13130
	GRADIENT	-.00009	.00261	.00650	.00297	.00098	.00395	.00261	-.00671	.00501

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.258	-2.935	.28775	.22156	.17813	.16684	.18557	.19958	.20146	.23285	.19958
2.258	-1.979	.28793	.22369	.18317	.16271	.18772	.19818	.20228	.22863	.19461
2.258	.081	.28799	.21822	.19197	.15650	.18646	.20056	.20318	.21187	.18052
2.258	1.993	.28829	.20791	.19363	.15672	.18319	.20151	.20129	.20085	.17145
2.258	3.999	.28875	.19428	.18914	.15723	.17663	.20417	.19543	.18369	.18842
2.258	5.990	.28906	.17453	.18346	.15515	.17312	.20350	.19194	.17947	.19419
2.258	7.968	.28946	.16026	.17759	.15147	.17085	.20049	.18826	.19133	.19548
2.258	9.977	.28964	.14797	.16942	.14758	.16774	.19590	.18294	.19104	.18516
2.258	11.954	.29017	.13983	.16263	.14229	.16525	.19270	.17907	.18502	.17552
2.258	13.945	.29124	.13215	.15693	.14025	.16463	.18842	.17421	.17310	.16337
2.258	15.976	.29146	.13010	.14987	.13894	.15976	.18423	.16936	.15976	.14844
2.258	18.002	.29159	.13356	.14404	.13462	.15404	.17912	.16505	.14415	.13402
2.258	20.056	.29044	.15510	.13936	.12859	.14945	.18016	.16537	.13110	.11860
2.258	21.153	.28996	.15792	.13511	.12931	.15015	.18236	.16681	.12332	.11148
	GRADIENT	.00013	-.00406	.00172	-.00134	-.00133	.00073	-.00078	-.00711	-.00241

0A234 LRC 10SWT 42 LHA .2P/S RHFN.1S (KGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.476	-3.008	-.18034	.23943	.18502	.18988	.17817	.21607	.18988	.24228	.19440
2.476	-1.927	-.18028	.23604	.19089	.18283	.17608	.20754	.18784	.23604	.19161
2.476	-.048	-.18051	.23031	.19369	.17342	.17454	.20239	.18918	.22316	.18064
2.477	1.900	-.18070	.22115	.18834	.16478	.17299	.20270	.18749	.22044	.17255
2.477	3.922	-.18071	.20890	.18316	.16240	.17133	.20329	.18797	.22167	.17165
2.477	5.884	-.18079	.19283	.17691	.16118	.16588	.20569	.18675	.20631	.18483
2.477	7.906	-.18074	.17579	.17109	.15618	.16302	.20346	.18390	.15806	.18908
2.477	9.883	-.18095	.16305	.16899	.15340	.16305	.20208	.18040	.14319	.17834
2.477	11.888	-.18080	.15090	.16242	.14975	.16012	.19839	.17747	.18850	.17249
2.477	13.895	-.18007	.14389	.15675	.14768	.16092	.19272	.17468	.17724	.16179
2.477	15.881	-.17999	.13745	.15307	.14480	.16015	.19047	.17038	.16370	.14947
2.477	17.940	-.18017	.13451	.14797	.14756	.15579	.18611	.16675	.14940	.13574
2.477	19.940	-.18030	.14574	.14210	.13892	.14999	.18095	.16592	.13226	.12123
2.477	21.017	-.18072	.15526	.13808	.13208	.14816	.18053	.16690	.12405	.11289
	GRADIENT	-.00007	-.00434	-.00049	-.00406	-.00093	-.00159	-.00022	-.00310	-.00362

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42
2.642	-3.045	-.11917	.22713	.18106	.18264	.17256	.20944	.18124	.22434	.18319
2.642	-1.948	-.11911	.22419	.18661	.17761	.16754	.20008	.17831	.21859	.18165
2.642	-.022	-.11907	.21887	.18692	.16810	.16503	.18904	.17511	.21118	.17486
2.642	1.906	-.11902	.21217	.18356	.15564	.16383	.18640	.17459	.22408	.16864
2.642	3.873	-.11891	.20087	.17568	.14997	.16025	.18492	.17172	.20927	.16432
2.642	5.848	-.11890	.18828	.16858	.14857	.15117	.18704	.17031	.19808	.17000
2.642	7.870	-.11876	.17362	.16084	.14374	.14703	.18924	.16758	.14913	.17220
2.642	9.892	-.11871	.15687	.15592	.13957	.14567	.18930	.16483	.13027	.13177
2.642	11.832	-.11873	.14459	.15056	.13849	.14389	.18750	.16234	.17470	.15411
2.642	13.872	-.11793	.13649	.14449	.13671	.14559	.18498	.16126	.16800	.14663
2.642	15.863	-.11779	.13134	.13997	.13785	.14465	.18330	.15679	.15725	.13570
2.642	17.905	-.11780	.12897	.13755	.14668	.14508	.18303	.15720	.14718	.12547
2.642	19.914	-.11814	.13468	.13624	.14188	.14029	.18100	.15731	.13328	.11493
2.642	20.974	-.11864	.14501	.13395	.13642	.13941	.18155	.15646	.12610	.10695

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.895	2.09866	500.06372	2.27046	177.35080	1402.86499	1.65849	585.68872	.00000
2.007	-1.789	2.09877	498.44265	2.27046	176.79118	1398.24854	1.65847	585.58032	.00000
2.007	.164	2.09925	495.57983	2.27046	175.80011	1390.11060	1.65845	585.14331	.00000
2.007	2.143	2.09911	495.85693	2.27046	175.89012	1390.92456	1.65846	584.70703	.00000
2.007	4.138	2.09819	496.06177	2.27046	175.95793	1391.52051	1.65846	584.48975	.00000
2.007	5.942	2.09802	497.90112	2.27046	176.59743	1396.73779	1.65847	584.98071	.00000
2.007	8.132	2.09743	498.20361	2.27046	176.69817	1397.61426	1.65848	584.70679	.00000
2.007	10.138	2.09735	498.20361	2.27046	176.69746	1397.61670	1.65848	584.65332	.00000
2.007	12.232	2.09732	498.19458	2.27046	176.69040	1397.60889	1.65849	584.32617	.00000
2.007	14.172	2.09679	498.31885	2.27046	176.73000	1397.97681	1.65849	584.05347	.00000
2.007	16.176	2.09668	498.09033	2.27046	176.65378	1397.31519	1.65849	584.27124	.00000
2.007	18.190	2.09722	498.30884	2.27046	176.73248	1397.92456	1.65848	584.54272	.00000
2.007	19.472	2.09732	498.14185	2.27046	176.67288	1397.45581	1.65848	584.38013	.00000
	GRADIENT	-.00004	-.56164	.00000	-.19564	-1.53129	-.00000	-.18231	.00000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.927	2.16973	504.26538	2.35446	139.33789	1672.24536	1.69652	591.29785	.00000
2.274	-1.801	2.16947	503.47046	2.35446	139.12437	1669.55029	1.69651	591.24219	.00000
2.274	.167	2.16947	503.91064	2.35446	139.24240	1671.04321	1.69652	591.24316	.00000
2.274	2.107	2.16918	504.00903	2.35446	139.26982	1671.36743	1.69652	591.35229	.00000
2.274	4.063	2.16771	502.52319	2.35446	138.87431	1666.30029	1.69650	591.56934	.00000
2.274	6.077	2.16725	502.55322	2.35446	138.88516	1666.37695	1.69651	591.84106	.00000
2.274	8.052	2.16659	502.72925	2.35446	138.93228	1666.97559	1.69650	591.84106	.00000
2.274	10.029	2.16621	502.[illegible]14	2.35446	138.83299	1665.90112	1.69651	591.02466	.00000
2.274	12.091	2.16589	503.[illegible]351	2.35446	139.09050	1669.11987	1.69652	591.24219	.00000
2.274	14.112	2.16557	503.50122	2.35446	139.13667	1669.61914	1.69651	591.62427	.00000
2.274	16.099	2.16531	503.51343	2.35446	139.13324	1669.72119	1.69652	590.97168	.00000
2.274	18.294	2.16534	503.35181	2.35446	139.09666	1669.11157	1.69652	591.62329	.00000
2.274	19.543	2.16476	503.29077	2.35446	139.08032	1668.90112	1.69651	591.62476	.00000
	GRADIENT	-.00025	-.16217	.00000	-.04301	-.55475	-.00000	.03842	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.060	1.91639	500.39185	2.50676	114.85129	1946.57324	1.70526	577.49268	.00000
2.495	-1.994	1.91626	500.10669	2.50676	114.79388	1945.33569	1.70623	578.36548	.00000
2.495	-.048	1.91647	500.32397	2.50676	114.84891	1946.09814	1.70549	579.23926	.00000
2.495	2.010	1.91652	500.35645	2.50676	114.85780	1946.20337	1.70538	579.45947	.00000
2.495	3.973	1.91622	500.23999	2.50676	114.83690	1945.65820	1.70577	580.16870	.00000
2.495	5.968	1.91641	500.44946	2.50676	114.88814	1946.42285	1.70506	580.77051	.00000
2.494	7.982	1.91644	500.30835	2.50676	114.86186	1945.77783	1.70554	581.47729	.00000
2.495	9.988	1.91658	500.46997	2.50676	114.89755	1946.42993	1.70499	581.42358	.00000
2.494	11.981	1.91616	500.41870	2.50676	114.89172	1946.13135	1.70516	582.18921	.00000
2.494	14.017	1.91649	500.31519	2.50676	114.87379	1945.63477	1.70552	582.89893	.00000
2.494	16.004	1.91630	500.29199	2.50676	114.87089	1945.46094	1.70560	583.60693	.00000
2.494	18.261	1.91656	500.30908	2.50676	114.88019	1945.48877	1.70554	583.93555	.00000
2.494	19.676	1.91638	500.29907	2.50676	114.88237	1945.37842	1.70557	584.53320	.00000
	GRADIENT	-.00000	-.00023	-.00000	.00250	-.04121	.00000	.34782	.00000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.657	-3.120	2.02014	434.46899	2.25591	87.89029	1916.44922	1.73349	583.82520	.00000
2.657	-1.959	2.02012	435.36426	2.25591	88.06660	1920.50635	1.73350	584.47949	.00000
2.657	-.015	2.02033	435.39038	2.25591	88.07404	1920.57495	1.73350	584.58618	.00000
2.657	1.969	2.02033	434.85522	2.25591	87.98685	1917.73145	1.73347	584.91138	.00000
2.657	3.913	2.01957	434.69849	2.25591	87.96313	1916.85645	1.73346	585.07739	.00000
2.657	5.951	2.01959	434.06470	2.25591	87.84726	1913.78174	1.73346	584.96997	.00000
2.657	7.942	2.01989	435.39038	2.25591	88.06939	1920.22437	1.73348	585.18848	.00000
2.657	9.888	2.01952	434.94458	2.25591	88.00987	1918.01367	1.73347	585.18726	.00000
2.657	11.876	2.01920	435.45728	2.25591	88.11246	1920.29883	1.73347	585.62451	.00000
2.657	13.913	2.01957	435.24463	2.25591	88.08972	1918.89722	1.73345	586.22339	.00000
2.657	15.932	2.01946	435.53613	2.25591	88.14590	1920.24951	1.73345	586.38647	.00000
2.657	17.947	2.01950	435.60034	2.25591	88.16977	1920.28394	1.73343	586.87646	.00000
2.657	19.410	2.01975	435.59863	2.25591	88.17224	1920.20947	1.73343	586.98706	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (LGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.007	-2.895	2.09866	.04411	.10318	-.10802	-.06748	-.11617	-.08839	-.10971	-.09914
2.007	-1.789	2.09877	.04734	.10757	-.10911	-.07190	-.11988	-.09677	-.11729	-.11014
2.007	.164	2.09925	.05361	.11765	-.12002	-.07633	-.13546	-.10784	-.13677	-.12650
2.007	2.143	2.09911	.05834	.12382	-.12917	-.09322	-.15016	-.12991	-.15625	-.15029
2.007	4.138	2.09819	.06149	.12735	-.12984	-.09174	-.15775	-.13749	-.16687	-.16566
2.007	5.942	2.09802	.06337	.12935	-.14123	-.09450	-.17323	-.14523	-.18361	-.17935
2.007	8.132	2.09743	.06793	.13623	-.14088	-.09373	-.17980	-.15051	-.19581	-.19195
2.007	10.138	2.09735	.06960	.13955	-.14054	-.10505	-.18681	-.16311	-.20713	-.20714
2.007	12.232	2.09732	.06897	.14164	-.14551	-.10049	-.19260	-.16587	-.22027	-.21680
2.007	14.172	2.09679	.06888	.14239	-.14069	-.09872	-.19430	-.16758	-.22673	-.22237
2.007	16.176	2.09668	.06830	.14399	-.13665	-.10295	-.19856	-.16965	-.23576	-.22880
2.007	18.190	2.09722	.06833	.14360	-.13473	-.10928	-.19664	-.17035	-.24119	-.22946
2.007	19.472	2.09732	.06924	.14538	-.14081	-.11530	-.19573	-.17547	-.24329	-.22941
	GRADIENT	-.00004	.00252	.00356	-.00354	-.00388	-.00632	-.00730	-.00851	-.00962

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.274	-2.927	2.16973	.03039	.09230	-.07151	-.03726	-.08170	-.05834	-.08127	-.07241
2.274	-1.801	2.16947	.03358	.09433	-.07576	-.04267	-.08846	-.06593	-.09060	-.08044
2.274	.167	2.16947	.03794	.09917	-.08598	-.05151	-.10112	-.07943	-.10454	-.09735
2.274	2.107	2.16918	.04417	.10367	-.09307	-.05936	-.11196	-.09238	-.11752	-.11286
2.274	4.063	2.16771	.05152	.10825	-.09817	-.06431	-.12177	-.10382	-.12992	-.12864
2.274	6.077	2.16725	.05594	.11139	-.10321	-.06971	-.13016	-.11134	-.14045	-.13958
2.274	8.052	2.16659	.05923	.11649	-.10592	-.07241	-.13712	-.11787	-.15041	-.15251
2.274	10.029	2.16621	.06103	.11959	-.10765	-.07581	-.14314	-.12386	-.15857	-.16023
2.274	12.091	2.16589	.06108	.12210	-.11076	-.07681	-.14785	-.12903	-.16797	-.16961
2.274	14.112	2.16557	.06233	.12390	-.11072	-.07764	-.15210	-.13071	-.17306	-.17512
2.274	16.099	2.16531	.06364	.12646	-.10595	-.08490	-.15551	-.13326	-.17991	-.17938
2.274	18.294	2.16534	.06547	.12878	-.10976	-.09122	-.15586	-.13744	-.18411	-.18101
2.274	19.543	2.16476	.06586	.13299	-.11373	-.09814	-.15422	-.14264	-.18632	-.18237
	GRADIENT	-.00025	.00297	.00231	-.00393	-.00394	-.00578	-.00656	-.00692	-.00811

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (LGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.495	-3.060	1.91639	.04346	.09582	-.04663	-.01181	-.05746	-.03217	-.05918	-.04678
2.495	-1.994	1.91626	.04493	.09813	-.05261	-.01728	-.06551	-.03976	-.06810	-.05523
2.495	-.048	1.91647	.04716	.10301	-.06164	-.02750	-.07745	-.05383	-.08089	-.07102
2.495	2.010	1.91652	.05016	.10694	-.07037	-.03440	-.08822	-.06458	-.09253	-.08478
2.495	3.973	1.91622	.05241	.11098	-.07858	-.04291	-.10021	-.07739	-.10667	-.09974
2.495	5.968	1.91641	.05237	.11313	-.08295	-.04767	-.10710	-.08471	-.11399	-.11006
2.494	7.982	1.91644	.05442	.11865	-.08697	-.05250	-.11407	-.09167	-.12182	-.12089
2.495	9.988	1.91658	.05350	.12123	-.09094	-.05728	-.11971	-.09730	-.12833	-.12780
2.494	11.981	1.91616	.05484	.12261	-.09480	-.06066	-.12483	-.10325	-.13474	-.13504
2.494	14.017	1.91649	.05451	.12570	-.09472	-.06102	-.12733	-.10619	-.13723	-.14013
2.494	16.004	1.91630	.05585	.12753	-.09336	-.06699	-.13159	-.10914	-.14192	-.14351
2.494	18.261	1.91656	.05922	.13224	-.09698	-.07358	-.13215	-.11357	-.14464	-.14581
2.494	19.676	1.91638	.06105	.13408	-.10124	-.07993	-.13203	-.11862	-.14580	-.14656
	GRADIENT	-.00000	.00128	.00216	-.00450	-.00437	-.00596	-.00636	-.00658	-.00748

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.657	-3.120	2.02014	.04475	.08559	-.03040	-.00220	-.04337	-.02306	-.04585	-.03939
2.657	-1.959	2.02012	.04679	.08758	-.03569	-.00699	-.04906	-.02928	-.05154	-.04459
2.657	-.015	2.02033	.05113	.09099	-.04479	-.01500	-.05953	-.04072	-.06300	-.05702
2.657	1.969	2.02033	.05192	.09582	-.05318	-.02422	-.07081	-.05294	-.07428	-.06975
2.657	3.913	2.01957	.05517	.10115	-.05944	-.03238	-.07997	-.06305	-.08344	-.08185
2.657	5.951	2.01959	.05620	.10426	-.06509	-.03841	-.08805	-.07060	-.09153	-.09141
2.657	7.942	2.01989	.05661	.11105	-.06984	-.04367	-.09416	-.07823	-.09713	-.09897
2.657	9.888	2.01952	.05789	.11389	-.07317	-.04941	-.09944	-.08447	-.10291	-.10523
2.657	11.876	2.01920	.05808	.11552	-.07582	-.05107	-.10303	-.08955	-.10698	-.10880
2.657	13.913	2.01957	.05902	.11853	-.07745	-.05365	-.10565	-.09214	-.10961	-.11141
2.657	15.932	2.01946	.06084	.12233	-.07753	-.05770	-.10768	-.09568	-.11312	-.11394
2.657	17.947	2.01950	.06277	.12529	-.08059	-.06221	-.10921	-.09869	-.11515	-.11597
	GRADIENT	-.00006	.00143	.00220	-.00419	-.00432	-.00528	-.00576	-.00544	-.00614

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (MGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.007	-2.895	2.09866	-.12982	-.11205	-.11151	-.10756	-.17657	-.13767	-.12839	-.11587
2.007	-1.789	2.09877	-.14149	-.11661	-.12574	-.11556	-.18650	-.13843	-.14552	-.12968
2.007	.164	2.09925	-.16051	-.13214	-.14950	-.13590	-.18898	-.13762	-.16382	-.15214
2.007	2.143	2.09911	-.16921	-.14292	-.16349	-.15320	-.17848	-.13401	-.17761	-.15997
2.007	4.138	2.09819	-.17776	-.14832	-.17556	-.16557	-.17520	-.13555	-.19427	-.16941
2.007	5.942	2.09802	-.19073	-.15992	-.19116	-.18145	-.17244	-.13992	-.20050	-.18065
2.007	8.132	2.09743	-.19650	-.15915	-.20263	-.18759	-.17080	-.14744	-.20749	-.19036
2.007	10.138	2.09735	-.19396	-.16354	-.20842	-.19416	-.16915	-.14667	-.21189	-.19396
2.007	12.232	2.09732	-.19500	-.16932	-.21296	-.20254	-.17191	-.14420	-.21766	-.19850
2.007	14.172	2.09679	-.19629	-.16413	-.21731	-.20251	-.16974	-.15426	-.22237	-.19804
2.007	16.176	2.09668	-.19403	-.16490	-.21945	-.20462	-.17095	-.16512	-.22319	-.20455
2.007	18.190	2.09722	-.19252	-.16905	-.22056	-.20442	-.18027	-.17851	-.22040	-.21180
2.007	19.472	2.09732	-.19291	-.17677	-.22007	-.20740	-.18454	-.18372	-.22078	-.21613
	GRADIENT	-.00004	-.00677	-.00547	-.00911	-.00853	.00078	.00050	-.00900	-.00750

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.274	-2.927	2.16973	-.10224	-.08478	-.09099	-.08256	-.14578	-.11999	-.11379	-.10137
2.274	-1.801	2.16947	-.10956	-.09069	-.10089	-.09188	-.14834	-.12256	-.12016	-.10956
2.274	.167	2.16947	-.12193	-.10205	-.11543	-.10754	-.15453	-.12323	-.13490	-.12367
2.274	2.107	2.16918	-.13247	-.11201	-.12771	-.12137	-.15766	-.11818	-.14657	-.13507
2.274	4.063	2.16771	-.14150	-.11923	-.13943	-.13335	-.15004	-.11467	-.15688	-.14421
2.274	6.077	2.16725	-.14707	-.12289	-.14707	-.14131	-.14343	-.11406	-.16353	-.14793
2.274	8.052	2.16659	-.15282	-.12557	-.15716	-.14784	-.13882	-.11503	-.16919	-.15151
2.274	10.029	2.16621	-.15457	-.12899	-.16239	-.15300	-.13755	-.11808	-.17178	-.15631
2.274	12.091	2.16589	-.15673	-.13031	-.16714	-.15770	-.13885	-.11683	-.17516	-.16106
2.274	14.112	2.16557	-.15799	-.12900	-.17057	-.15937	-.13540	-.12503	-.17682	-.16059
2.274	16.099	2.16531	-.15667	-.13027	-.17316	-.16065	-.14052	-.13412	-.17767	-.16448
2.274	18.294	2.16534	-.15529	-.13701	-.17351	-.16228	-.14385	-.14358	-.17631	-.17004
2.274	19.543	2.16476	-.15363	-.14306	-.17141	-.16577	-.14691	-.14972	-.17681	-.17358
	GRADIENT	-.00025	-.00566	-.00503	-.00688	-.00730	-.00094	.00090	-.00629	-.00619

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (MGY006) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.495	-3.060	1.91639	-.08152	-.05838	-.07323	-.05832	-.12111	-.09548	-.09447	-.07760
2.495	-1.994	1.91626	-.08707	-.06512	-.07922	-.06637	-.12444	-.09841	-.10080	-.08445
2.495	-.048	1.91647	-.09871	-.07617	-.09217	-.08046	-.12946	-.10264	-.11141	-.09741
2.495	2.010	1.91652	-.10789	-.08435	-.10353	-.09210	-.13291	-.10047	-.12131	-.10833
2.495	3.973	1.91622	-.11786	-.09330	-.11480	-.10538	-.13542	-.09603	-.13241	-.11916
2.495	5.968	1.91641	-.12397	-.09717	-.12179	-.11270	-.13155	-.09430	-.13799	-.12310
2.494	7.982	1.91644	-.12929	-.10069	-.12885	-.11881	-.12475	-.09395	-.14323	-.12623
2.495	9.988	1.91658	-.13239	-.10288	-.13326	-.12273	-.12179	-.09617	-.14456	-.12933
2.494	11.981	1.91616	-.13539	-.10497	-.13713	-.12741	-.12129	-.09567	-.14621	-.13277
2.494	14.017	1.91649	-.13530	-.10447	-.13879	-.12819	-.11865	-.10170	-.14829	-.13268
2.494	16.004	1.91630	-.13482	-.10570	-.14050	-.12986	-.12117	-.10951	-.14824	-.13482
2.494	18.261	1.91656	-.13408	-.11185	-.14107	-.13215	-.12475	-.11924	-.14838	-.13976
2.494	19.676	1.91638	-.13485	-.11776	-.14052	-.13375	-.12807	-.12568	-.14871	-.14271
	GRADIENT	-.00000	-.00516	-.00489	-.00594	-.00661	-.00203	-.00010	-.00532	-.00590

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.657	-3.120	2.02014	-.06808	-.04880	-.06055	-.04932	-.10423	-.08417	-.08245	-.07160
2.657	-1.959	2.02012	-.07180	-.05348	-.06528	-.05500	-.10435	-.08534	-.08559	-.07430
2.657	-.015	2.02033	-.08040	-.06245	-.07538	-.06646	-.10689	-.08943	-.09356	-.08441
2.657	1.969	2.02033	-.08834	-.07074	-.08432	-.07775	-.10932	-.09035	-.10190	-.09286
2.657	3.913	2.01957	-.09561	-.07690	-.09209	-.08691	-.11103	-.08807	-.10856	-.10013
2.657	5.951	2.01959	-.10232	-.08249	-.09880	-.09352	-.11023	-.08723	-.11270	-.10484
2.657	7.942	2.01989	-.10646	-.08613	-.10345	-.09862	-.10786	-.08689	-.11527	-.10797
2.657	9.888	2.01952	-.10882	-.08991	-.10681	-.10192	-.10622	-.08672	-.11709	-.10982
2.657	11.876	2.01920	-.10993	-.09053	-.10892	-.10352	-.10534	-.08585	-.11867	-.11093
2.657	13.913	2.01957	-.11258	-.09066	-.11158	-.10466	-.10400	-.08950	-.12030	-.11208
2.657	15.932	2.01946	-.11214	-.09074	-.11264	-.10471	-.10506	-.09509	-.12135	-.11315
2.657	17.947	2.01950	-.11269	-.09227	-.11420	-.10575	-.10758	-.10065	-.12189	-.11570
2.657	19.410	2.01975	-.11317	-.09768	-.11468	-.10722	-.11002	-.10615	-.12335	-.11769
	GRADIENT	-.00006	-.00399	-.00408	-.00456	-.00544	-.00104	-.00069	-.00382	-.00422

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (NGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.007	-2.895	2.09866	-.08884	-.08830	.40218	.48991	.27390	.33340	-.00364	-.00040
2.007	-1.789	2.09877	-.10649	-.10367	.41638	.50728	.29377	.35377	.00893	.01328
2.007	.164	2.09925	-.12794	-.13040	.44004	.53705	.32930	.39452	.03278	.04040
2.007	2.143	2.09911	-.14369	-.14509	.46496	.56841	.36556	.43821	.06225	.06854
2.007	4.138	2.09819	-.16589	-.16523	.49087	.59385	.40367	.47731	.09184	.10061
2.007	5.942	2.09802	-.18152	-.18755	.51018	.61740	.43885	.51614	.11909	.13066
2.007	8.132	2.09743	-.19825	-.20188	.53358	.64288	.48216	.56078	.15559	.17113
2.007	10.138	2.09735	-.21017	-.21103	.55388	.66170	.52103	.60309	.19009	.20889
2.007	12.232	2.09732	-.22435	-.22198	.57220	.68298	.56053	.64390	.23047	.24978
2.007	14.172	2.09679	-.23483	-.23100	.58658	.70649	.59652	.68262	.26873	.29056
2.007	16.176	2.09668	-.24531	-.23485	.60157	.72322	.63659	.72192	.31455	.33495
2.007	18.190	2.09722	-.25167	-.23853	.61641	.74254	.67173	.76379	.36065	.38367
2.007	19.472	2.09732	-.25469	-.24236	.62551	.75687	.69379	.79243	.39351	.41546
	GRADIENT	-.00004	-.01054	-.01076	.01256	.01492	.01842	.02071	.01363	.01434

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.274	-2.927	2.16973	-.08190	-.07668	.37944	.46632	.25695	.31224	-.01227	-.00232
2.274	-1.801	2.16947	-.09049	-.08685	.39414	.48475	.27749	.33352	-.00059	.00954
2.274	.167	2.16947	-.10850	-.10589	.41877	.51435	.31116	.37314	.02172	.03347
2.274	2.107	2.16918	-.12425	-.12310	.44032	.54487	.34510	.41668	.04502	.06004
2.274	4.063	2.16771	-.14030	-.14062	.46382	.56967	.37988	.45365	.07292	.08832
2.274	6.077	2.16725	-.14924	-.15155	.48653	.60110	.41674	.49938	.10215	.11918
2.274	8.052	2.16659	-.16107	-.16235	.50562	.62773	.45253	.54069	.13325	.15069
2.274	10.029	2.16621	-.16891	-.16964	.52432	.65208	.48834	.58486	.16675	.18540
2.274	12.091	2.16589	-.17798	-.17773	.54023	.67246	.52569	.62689	.20380	.22405
2.274	14.112	2.16557	-.18402	-.18237	.55585	.69882	.56141	.67088	.24516	.26644
2.274	16.099	2.16531	-.18964	-.18451	.57220	.71673	.60214	.71028	.28880	.30995
2.274	18.294	2.16534	-.19348	-.18656	.58351	.73641	.63911	.75531	.33768	.36149
2.274	19.543	2.16476	-.19398	-.18877	.58997	.74737	.66098	.78173	.36846	.39324
	GRADIENT	-.00025	-.00842	-.00917	.01200	.01489	.01752	.02048	.01212	.01301

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (NGY006) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.495	-3.060	1.91639	-.06887	-.05408	.39677	.47154	.27253	.31666	-.00080	.00655
2.495	-1.994	1.91623	-.07616	-.06426	.41004	.48771	.28874	.33763	.00925	.01887
2.495	-.048	1.91647	-.08868	-.08133	.43236	.51503	.32056	.37500	.02954	.03902
2.495	2.010	1.91652	-.10222	-.09638	.45470	.54457	.35494	.41584	.05274	.06211
2.495	3.973	1.91622	-.11524	-.11264	.47812	.57424	.39253	.46113	.07864	.08965
2.495	5.968	1.91641	-.12310	-.12252	.49863	.59887	.42767	.49879	.10739	.12097
2.494	7.982	1.91644	-.13234	-.13120	.51956	.62631	.46537	.54318	.13779	.15345
2.495	9.988	1.91658	-.13806	-.13510	.53751	.64880	.50096	.58214	.17168	.19082
2.494	11.981	1.91616	-.14368	-.14020	.55730	.67316	.54053	.62642	.20953	.22872
2.494	14.017	1.91649	-.14709	-.14313	.57295	.69126	.57639	.66531	.24833	.27174
2.494	16.004	1.91630	-.15010	-.14480	.59022	.71179	.61603	.70789	.29052	.31269
2.494	18.261	1.91656	-.15242	-.14710	.60412	.72871	.65662	.75163	.34171	.36779
2.494	19.676	1.91638	-.15275	-.14871	.61325	.73961	.68210	.77940	.37492	.40304
	GRADIENT	-.00000	-.00657	-.00823	.01146	.01451	.01699	.02035	.01124	.01161

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.657	-3.120	2.02014	-.05301	-.04632	.38139	.45471	.26008	.30312	-.00277	.00627
2.657	-1.959	2.02012	-.06076	-.05496	.39609	.47440	.27799	.32515	.00628	.01394
2.657	-.015	2.02033	-.07338	-.06936	.41863	.50370	.30896	.36349	.02446	.03240
2.657	1.969	2.02033	-.08382	-.08310	.44030	.53400	.34331	.40664	.04549	.05571
2.657	3.913	2.01957	-.09310	-.09372	.46189	.56037	.37776	.44500	.07149	.08410
2.657	5.951	2.01959	-.10081	-.10230	.47935	.58511	.41146	.48711	09930	.11380
2.657	7.942	2.01989	-.10696	-.10786	.50029	.61390	.44543	.52569	.12972	.14509
2.657	9.888	2.01952	-.11233	-.11265	.51824	.63557	.48312	.56975	.16220	.17949
2.657	11.876	2.01920	-.11545	-.11522	.53815	.66047	.52135	.60919	.19733	.21604
2.657	13.913	2.01957	-.11861	-.11783	.55220	.68028	.55665	.65288	.23836	.25563
2.657	15.932	2.01946	-.12017	-.11937	.57060	.69815	.59629	.69367	.27962	.29681
2.657	17.947	2.01950	-.12223	-.12140	.58241	.71652	.63183	.73294	.32452	.34321
2.657	19.410	2.01975	-.12270	-.12286	.59108	.72420	.65777	.76050	.36092	.37899
	GRADIENT	.00006	-.00571	-.00601	.01139	.01503	.01671	.02033	.01049	.01106

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (OGY006) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.007	-2.895	2.09866	-.00715	.63127	.10622	.26745	.00570
2.007	-1.789	2.09877	.00633	.60036	.12546	.29377	.01983
2.007	.164	2.09925	.03020	.54561	.16195	.33972	.04655
2.007	2.143	2.09911	.05846	.49232	.19966	.39160	.07556
2.007	4.138	2.09819	.08980	.44011	.24122	.44228	.10850
2.007	5.942	2.09802	.12008	.39476	.28242	.49029	.13851
2.007	8.132	2.09743	.15886	.34217	.33240	.55087	.17898
2.007	10.138	2.09735	.19687	.29721	.38311	.60791	.22066
2.007	12.232	2.09732	.24070	.25033	.43615	.66816	.26504
2.007	14.172	2.09679	.28011	.21606	.48677	.72529	.30885
2.007	16.176	2.09668	.33053	.17327	.54556	.78797	.36065
2.007	18.190	2.09722	.37946	.14086	.60407	.85158	.41021
2.007	19.472	2.09732	.41270	.12147	.64231	.89397	.44634
	GRADIENT	-.00004	.01372	-.02722	.01916	.02490	.01457

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.274	-2.927	2.16973	-.00777	.60402	.09316	.24969	-.00146
2.274	-1.801	2.16947	.00184	.57152	.11075	.27578	.01171
2.274	.167	2.16947	.02504	.51659	.14410	.31842	.03649
2.274	2.107	2.16918	.04968	.46381	.18267	.36432	.06523
2.274	4.063	2.16771	.07761	.41671	.22079	.41157	.09655
2.274	6.077	2.16725	.10907	.36750	.26237	.46512	.12871
2.274	8.052	2.16659	.13929	.32368	.30895	.51675	.16238
2.274	10.029	2.16621	.17375	.28149	.35445	.57487	.20140
2.274	12.091	2.16589	.21122	.24055	.40736	.63304	.23916
2.274	14.112	2.16557	.25184	.20414	.45787	.69610	.28456
2.274	16.099	2.16531	.29556	.16746	.51633	.75610	.32806
2.274	18.294	2.16534	.34587	.13255	.57644	.82692	.38090
2.274	19.543	2.16476	.37619	.11201	.61239	.86766	.41522
	GRADIENT	-.00025	.01229	-.02692	.01835	.02306	.01400

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (OGY006) (02 MAY 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.495	-3.060	1.91639	.00239	.61309	.10540	.26093	.01134
2.495	-1.994	1.91626	.01244	.58516	.12207	.28272	.02236
2.495	-.048	1.91647	.03149	.53085	.15348	.32443	.04424
2.495	2.010	1.91652	.05387	.47921	.18872	.37085	.06951
2.495	3.973	1.91622	.08160	.42521	.22930	.42392	.10010
2.495	5.968	1.91641	.10866	.37865	.26924	.47325	.12880
2.494	7.982	1.91644	.14124	.33079	.31423	.52945	.16563
2.495	9.988	1.91658	.17479	.28944	.35934	.58266	.19908
2.494	11.981	1.91616	.21195	.24950	.40977	.64159	.24176
2.494	14.017	1.91649	.25455	.20965	.46091	.69899	.28260
2.494	16.004	1.91630	.29342	.17575	.51611	.76274	.32875
2.494	18.261	1.91656	.34894	.13789	.57981	.83009	.38428
2.494	19.676	1.91638	.38421	.11478	.61888	.87410	.41909
	GRADIENT	-.00000	.01111	-.02665	.01746	.02299	.01249

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.657	-3.120	2.02014	.00127	.60079	.09863	.25068	.00678
2.657	-1.959	2.02012	.00885	.56562	.11412	.27206	.01695
2.657	-.015	2.02033	.02657	.51251	.14355	.31340	.03741
2.657	1.969	2.02033	.04715	.46208	.17901	.36013	.06073
2.657	3.913	2.01957	.07321	.41190	.21840	.40596	.09062
2.657	5.951	2.01959	.10108	.36537	.25577	.45755	.12183
2.657	7.942	2.01989	.13007	.32338	.29710	.50869	.15009
2.657	9.888	2.01952	.16262	.28185	.34257	.56375	.18850
2.657	11.876	2.01920	.19782	.24226	.39434	.61968	.22554
2.657	13.913	2.01957	.23799	.20575	.44096	.67827	.26813
2.657	15.932	2.01946	.27973	.16998	.50040	.74011	.31279
2.657	17.947	2.01950	.32569	.13783	.55020	.80137	.35968
	GRADIENT	-.00006	.01020	-.02669	.01700	.02222	.01182

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.898	2.09870	498.56372	2.28805	176.78670	1398.79858	1.65852	581.81763	.00000
2.007	-1.769	2.09874	497.37134	2.28805	176.37160	1395.41870	1.65850	581.45361	.00000
2.007	.199	2.09959	497.53882	2.28805	176.42934	1395.89526	1.65851	581.45386	.00000
2.007	2.100	2.09950	497.72852	2.28805	176.49559	1396.43262	1.65851	581.52661	.00000
2.007	4.134	2.09862	497.61035	2.28805	176.44521	1396.13940	1.65853	580.72583	.00000
2.007	6.109	2.09857	497.78223	2.28805	176.51045	1396.60229	1.65852	581.23560	.00000
2.007	8.056	2.09814	497.74487	2.28805	176.49667	1396.50122	1.65852	581.16260	.00000
2.007	10.106	2.09820	497.78613	2.28805	176.50830	1396.62939	1.65852	580.94434	.00000
2.007	12.127	2.09813	497.65088	2.28805	176.46443	1396.23291	1.65851	581.16260	.00000
2.007	14.111	2.09767	497.75854	2.28805	176.49884	1396.54932	1.65852	580.94409	.00000
2.007	16.143	2.09774	497.52954	2.28805	176.42172	1395.88965	1.65851	581.08984	.00000
2.007	18.137	2.09802	497.52026	2.28805	176.41940	1395.85815	1.65851	581.16260	.00000
2.007	19.596	2.09812	497.51587	2.28805	176.41969	1395.83740	1.65851	581.30811	.00000
	GRADIENT	.00003	-.07319	-.00000	-.02661	-.20237	.00000	-.11735	.00000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.942	2.16962	503.18774	2.38547	138.99347	1669.10767	1.69657	585.88989	.00000
2.274	-1.798	2.16935	503.83130	2.38547	139.16504	1671.29956	1.69657	585.81787	.00000
2.274	.112	2.16958	503.08105	2.38547	138.95891	1668.80249	1.69658	585.30884	.00000
2.274	2.052	2.16936	503.48975	2.38547	139.06905	1670.18262	1.69658	585.38135	.00000
2.274	4.086	2.16806	503.10620	2.38547	138.96944	1668.85254	1.69657	585.67261	.00000
2.274	6.073	2.16774	503.33984	2.38547	139.03569	1669.60864	1.69657	586.03589	.00000
2.274	8.080	2.16712	503.28125	2.38547	139.01846	1669.42456	1.69657	585.89038	.00000
2.274	10.095	2.16684	503.22827	2.38547	139.00957	1669.19824	1.69656	586.39941	.00000
2.274	12.038	2.16647	502.90649	2.38547	138.91367	1668.19458	1.69657	585.45410	.00000
2.274	14.051	2.16620	503.46606	2.38547	139.07024	1670.03296	1.69656	586.10864	.00000
2.274	16.086	2.16607	503.43994	2.38547	139.06625	1669.91357	1.69657	586.39917	.00000
2.274	18.125	2.16614	503.43799	2.38547	139.05598	1670.00049	1.69658	585.45435	.00000
2.274	19.543	2.16565	503.41382	2.38547	139.05707	1669.84619	1.69656	586.18115	.00000
	GRADIENT	-.00018	- 03434	.00000	-.00965	-.11215	.00000	-.04483	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.036	1.91604	500.77759	2.54520	114.89307	1948.82397	1.64970	571.32104	.00000
2.495	-1.927	1.91593	500.64526	2.54520	114.87074	1948.17725	1.65014	572.34326	.00000
2.495	-.020	1.91650	500.65552	2.54520	114.86729	1948.30981	1.65011	571.54004	.00000
2.495	1.994	1.91666	500.54834	2.54520	114.85745	1947.65723	1.65046	573.51074	.00000
2.495	3.977	1.91625	500.26196	2.54520	114.79494	1946.49219	1.65140	573.72925	.00000
2.495	5.952	1.91647	499.66406	2.54520	114.66287	1944.08496	1.65338	573.94849	.00000
2.495	7.958	1.91649	499.89478	2.54520	114.71970	1944.92212	1.65262	574.67798	.00000
2.495	9.931	1.91665	499.86816	2.54520	114.72061	1944.70483	1.65270	575.62598	.00000
2.495	11.952	1.91626	500.09448	2.54520	114.77275	1945.58008	1.65196	575.84473	.00000
2.495	13.846	1.91671	500.02393	2.54520	114.76711	1945.13770	1.65219	577.22974	.00000
2.495	15.992	1.91656	499.83667	2.54520	114.72023	1944.37646	1.65281	577.37524	.00000
2.495	17.990	1.91674	499.88599	2.54520	114.73889	1944.54565	1.65265	577.59399	.00000
2.495	19.477	1.91712	500.00146	2.54520	114.77266	1944.87964	1.65226	578.68652	.00000
	GRADIENT	.00006	-.06311	-.00000	-.01174	-.28969	.00021	.33251	.00000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.025	2.02076	434.23193	2.29215	87.66550	1919.46289	1.73370	576.79224	.00000
2.660	-1.955	2.02058	433.70312	2.29215	87.56970	1916.87183	1.73369	576.71948	.00000
2.660	.009	2.02092	434.29614	2.29215	87.67123	1919.91089	1.73371	576.57373	.00000
2.660	1.941	2.02105	433.82764	2.29215	87.62244	1918.78833	1.73366	577.88550	.00000
2.660	3.952	2.02033	434.19531	2.29215	87.69353	1918.48437	1.73365	578.10400	.00000
2.660	5.959	2.02035	434.35522	2.29215	87.70471	1919.67725	1.73369	577.44800	.00000
2.660	7.946	2.02029	434.53882	2.29215	87.76596	1919.93359	1.73365	578.54077	.00000
2.660	9.920	2.02026	434.46631	2.29215	87.74159	1919.83618	1.73367	578.10376	.00000
2.659	11.929	2.01999	434.50879	2.29215	87.77020	1919.56299	1.73365	578.90527	.00000
2.659	13.897	2.01986	434.28442	2.29215	87.71884	1918.70874	1.73365	578.46802	.00000
2.659	15.920	2.01940	434.44189	2.29215	87.75833	1919.22998	1.73364	578.90527	.00000
2.659	17.959	2.01957	434.64526	2.29215	87.79445	1920.24341	1.73365	578.90503	.00000
2.659	19.422	2.01969	434.47461	2.29215	87.77550	1919.13159	1.73363	579.34229	.00000
	GRADIENT	-.00002	.00845	-.00000	.00727	-.09071	-.00001	.21921	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (LGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.007	-2.898	2.09870	.04236	.10291	-.10804	-.06694	-.11577	-.08749	-.11016	-.09871
2.007	-1.769	2.09874	.04660	.10829	-.10971	-.07111	-.11962	-.09518	-.11746	-.10945
2.007	.199	2.09959	.05348	.11690	-.12162	-.07722	-.13656	-.10862	-.13872	-.12721
2.007	2.100	2.09950	.05807	.12240	-.13008	-.09298	-.15143	-.12993	-.15835	-.15067
2.007	4.134	2.09862	.06228	.12747	-.12975	-.09178	-.15802	-.13694	-.16754	-.16546
2.007	6.109	2.09857	.06462	.13251	-.14181	-.09460	-.17296	-.14539	-.18465	-.17952
2.007	8.056	2.09814	.06752	.13543	-.13929	-.09385	-.17870	-.15025	-.19602	-.19259
2.007	10.106	2.09820	.06918	.13886	-.14067	-.10474	-.18612	-.16327	-.20690	-.20820
2.007	12.127	2.09813	.06905	.14135	-.14390	-.09927	-.19452	-.16474	-.22093	-.21701
2.007	14.111	2.09767	.06875	.14277	-.14062	-.09994	-.19385	-.16797	-.22761	-.22239
2.007	16.143	2.09774	.06706	.14456	-.13856	-.10308	-.19835	-.16898	-.23732	-.22776
2.007	18.137	2.09802	.06739	.14323	-.13552	-.10875	-.19572	-.17074	-.24081	-.22908
2.007	19.596	2.09812	.06912	.14546	-.14204	-.11474	-.19572	-.17458	-.24379	-.23075
	GRADIENT	.00003	.00284	.00349	-.00354	-.00398	-.00649	-.00744	-.00867	-.00974

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.274	-2.942	2.16962	.02936	.09352	-.07318	-.03796	-.08292	-.05909	-.08335	-.07277
2.274	-1.798	2.16935	.03187	.09514	-.07703	-.04266	-.09015	-.06718	-.09271	-.08212
2.274	.112	2.16958	.03702	.09869	-.08668	-.05170	-.10225	-.08052	-.10567	-.09847
2.274	2.052	2.16936	.04362	.10271	-.09380	-.05963	-.11228	-.09224	-.11784	-.11317
2.274	4.086	2.16806	.04966	.10805	-.09898	-.06472	-.12253	-.10418	-.13195	-.12982
2.274	6.073	2.16774	.05403	.11286	-.10406	-.06975	-.13140	-.11218	-.14253	-.14165
2.274	8.080	2.16712	.05833	.11511	-.10658	-.07310	-.13860	-.11851	-.15230	-.15311
2.274	10.005	2.16684	.06077	.11882	-.10808	-.07628	-.14393	-.12383	-.15978	-.16100
2.274	12.038	2.16647	.06035	.12229	-.11079	-.07724	-.14835	-.12908	-.16977	-.17055
2.274	14.051	2.16620	.06295	.12400	-.11060	-.07836	-.15241	-.13101	-.17466	-.17543
2.274	16.086	2.16607	.06381	.12541	-.10664	-.08514	-.15535	-.13309	-.18146	-.17963
2.274	18.125	2.16614	.06385	.12840	-.10966	-.09112	-.15532	-.13776	-.18614	-.18176
2.274	19.543	2.16565	.06395	.13322	-.11481	-.09793	-.15442	-.14284	-.18780	-.18343
	GRADIENT	-.00018	.00294	.00206	-.00380	-.00392	-.00564	-.00642	-.00681	-.00810

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (LGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.495	-3.036	1.91604	.04247	.09733	-.04757	-.01191	-.05880	-.03180	-.06052	-.04640
2.495	-1.927	1.91593	.04416	.09827	-.05417	-.01796	-.06619	-.04046	-.06920	-.05549
2.495	-.020	1.91650	.04826	.10368	-.06222	-.02721	-.07757	-.05354	-.08145	-.07115
2.495	1.994	1.91666	.05083	.10673	-.07006	-.03410	-.08747	-.06470	-.09307	-.08446
2.495	3.977	1.91625	.05222	.11167	-.07881	-.04271	-.10000	-.07762	-.10733	-.10083
2.495	5.952	1.91647	.05193	.11449	-.08313	-.04823	-.10773	-.08574	-.11549	-.11112
2.495	7.958	1.91649	.05429	.11687	-.08768	-.05317	-.11481	-.09238	-.12386	-.12206
2.495	9.931	1.91665	.05492	.12097	-.09139	-.05683	-.11975	-.09775	-.13053	-.12914
2.495	11.952	1.91626	.05535	.12356	-.09445	-.06030	-.12449	-.10335	-.13656	-.13646
2.495	13.846	1.91671	.05617	.12572	-.09402	-.06202	-.13053	-.10721	-.14432	-.14504
2.495	15.992	1.91656	.05606	.12738	-.09376	-.06693	-.13245	-.10955	-.14667	-.14740
2.495	17.990	1.91674	.05718	.13153	-.09655	-.07227	-.13217	-.11358	-.14897	-.14842
2.495	19.477	1.91712	.05853	.13505	-.10125	-.08036	-.13336	-.11907	-.15146	-.15003
	GRADIENT	.00006	.00145	.00208	-.00434	-.00431	-.00576	-.00643	-.00653	-.00767

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.660	-3.025	2.02076	.04386	.08820	-.02983	-.00163	-.04231	-.02299	-.04529	-.03883
2.660	-1.955	2.02058	.04599	.08892	-.03582	-.00650	-.04873	-.02937	-.05172	-.04424
2.660	.009	2.02092	.05022	.09263	-.04548	-.01609	-.06075	-.04188	-.06422	-.05822
2.660	1.941	2.02105	.05254	.09551	-.05276	-.02375	-.07041	-.05201	-.07488	-.07035
2.660	3.952	2.02033	.05511	.10163	-.06063	-.03302	-.08215	-.06372	-.08661	-.08452
2.660	5.919	2.02035	.05574	.10479	-.06546	-.03829	-.08839	-.07045	-.09335	-.09222
2.660	7.946	2.02029	.05781	.10985	-.07086	-.04463	-.09620	-.08023	-.10116	-.10151
2.660	9.920	2.02026	.05746	.11302	-.07428	-.04848	-.10106	-.08508	-.10603	-.10834
2.659	11.929	2.01999	.05801	.11560	-.07772	-.05089	-.10543	-.09044	-.11089	-.11271
2.659	13.897	2.01986	.05945	.11907	-.07885	-.05447	-.10905	-.09453	-.11451	-.11582
2.659	15.920	2.01940	.06064	.12322	-.07806	-.05817	-.11123	-.09672	-.11767	-.11750
2.659	17.959	2.01957	.06236	.12551	-.08227	-.06332	-.11190	-.09985	-.11983	-.11913
2.659	19.422	2.01969	.06173	.12887	-.08555	-.07002	-.11368	-.10411	-.12211	-.12094
	GRADIENT	-.00002	.00161	.00190	-.00437	-.00448	-.00567	-.00582	-.00592	-.00660

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (MGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.007	-2.898	2.09870	-.12903	-.11122	-.11197	-.10713	-.17764	-.13778	-.12977	-.11635
2.007	-1.769	2.09874	-.14216	-.11636	-.12725	-.11529	-.18724	-.13953	-.14748	-.13119
2.007	.199	2.09959	-.16195	-.13326	-.15143	-.13742	-.19074	-.14003	-.16611	-.15406
2.007	2.100	2.09950	-.17040	-.14333	-.16426	-.15359	-.17919	-.13490	-.17919	-.16076
2.007	4.134	2.09862	-.17796	-.14904	-.17577	-.16581	-.17540	-.13501	-.19398	-.16963
2.007	6.109	2.09857	-.19047	-.16008	-.19222	-.18206	-.17218	-.13918	-.20026	-.17951
2.007	8.056	2.09814	-.19671	-.15846	-.20329	-.18736	-.17358	-.14530	-.21030	-.18970
2.007	10.106	2.09820	-.19546	-.16414	-.20906	-.19392	-.17105	-.14768	-.21425	-.19414
2.007	12.127	2.09813	-.19344	-.16992	-.21449	-.20318	-.16949	-.14347	-.21529	-.19870
2.007	14.111	2.09767	-.19540	-.16495	-.21644	-.20381	-.16970	-.15376	-.22153	-.19847
2.007	16.143	2.09774	-.19425	-.16509	-.21925	-.20398	-.17114	-.16530	-.22344	-.20477
2.007	18.137	2.09802	-.19252	-.16858	-.22060	-.20357	-.18155	-.17761	-.22087	-.21007
2.007	19.596	2.09812	-.19466	-.17545	-.22055	-.20698	-.18495	-.18545	-.22297	-.21660
	GRADIENT	.00003	-.00691	-.00569	-.00906	-.00866	.00087	.00060	-.00881	-.00745

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.274	-2.942	2.16962	-.10395	-.08387	-.09312	-.08377	-.14625	-.12043	-.11507	-.10179
2.274	-1.798	2.16935	-.11125	-.09109	-.10259	-.09314	-.15000	-.12338	-.12225	-.11039
2.274	.112	2.16958	-.12354	-.10274	-.11747	-.10824	-.15659	-.12354	-.13607	-.12441
2.274	2.052	2.16936	-.13325	-.11232	-.12848	-.12169	-.15888	-.11894	-.14777	-.13585
2.274	4.086	2.16806	-.14236	-.11999	-.14062	-.13410	-.14990	-.11502	-.15845	-.14496
2.274	6.073	2.16774	-.14829	-.12414	-.14916	-.14296	-.14336	-.11403	-.16515	-.14916
2.274	8.080	2.16712	-.15429	-.12620	-.15863	-.14973	-.13859	-.11569	-.16976	-.15299
2.274	10.005	2.16684	-.15493	-.12958	-.16361	-.15335	-.13707	-.11805	-.17168	-.15710
2.274	12.038	2.16647	-.15680	-.13079	-.16765	-.15863	-.13891	-.11600	-.17311	-.16114
2.274	14.051	2.16620	-.15743	-.12973	-.17131	-.16011	-.13528	-.12447	-.17800	-.16003
2.274	16.066	2.16607	-.15738	-.12967	-.17430	-.16091	-.14035	-.13395	-.17835	-.16475
2.274	18.125	2.16614	-.15562	-.13734	-.17470	-.16217	-.14588	-.14304	-.17706	-.16993
2.274	19.543	2.16565	-.15557	-.14284	-.17249	-.16512	-.14754	-.15080	-.17745	-.17422
	GRADIENT	-.00018	-.00549	-.00518	-.00671	-.00718	-.00081	.00092	-.00625	-.00620

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (MGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.495	-3.075	1.91604	-.08242	-.05713	-.07414	-.05880	-.12281	-.09549	-.09491	-.07849
2.495	-1.927	1.91593	-.08905	-.06451	-.08120	-.06748	-.12593	-.09908	-.10231	-.08599
2.495	-.020	1.91650	-.09884	-.07501	-.09317	-.08059	-.12955	-.10320	-.11195	-.09797
2.495	1.994	1.91666	-.10799	-.08403	-.10320	-.09178	-.13299	-.10014	-.12182	-.10843
2.495	3.977	1.91625	-.11853	-.09353	-.11635	-.10604	-.13608	-.09627	-.13350	-.11984
2.495	5.952	1.91647	-.12463	-.09822	-.12288	-.11377	-.13177	-.09536	-.13994	-.12376
2.495	7.958	1.91649	-.13049	-.10141	-.13093	-.11999	-.12464	-.09511	-.14528	-.12744
2.495	9.931	1.91665	-.13288	-.10291	-.13594	-.12363	-.12140	-.09619	-.14591	-.12982
2.495	11.952	1.91626	-.13594	-.10550	-.13988	-.12837	-.12141	-.09533	-.14893	-.13332
2.495	13.846	1.91671	-.13507	-.10506	-.14424	-.13139	-.11624	-.10362	-.15063	-.13332
2.495	15.992	1.91656	-.13483	-.10654	-.14488	-.13159	-.12160	-.11036	-.15127	-.13658
2.495	17.990	1.91674	-.13455	-.11186	-.14504	-.13217	-.12519	-.11839	-.15014	-.14111
2.495	19.477	1.91712	-.13531	-.11821	-.14448	-.13594	-.12896	-.12658	-.15046	-.14492
	GRADIENT	.00006	-.00507	-.00511	-.00592	-.00660	-.00186	-.00006	-.00537	-.00584

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.660	-3.025	2.02076	-.06552	-.04725	-.05898	-.04876	-.10271	-.08312	-.08042	-.06854
2.660	-1.955	2.02058	-.07156	-.05218	-.06501	-.05470	-.10522	-.08616	-.08589	-.07458
2.660	.009	2.02092	-.08168	-.06168	-.07615	-.06769	-.10921	-.09073	-.09584	-.08570
2.660	1.941	2.02105	.08899	-.07035	-.08496	-.07786	-.11147	-.09050	-.10354	-.09453
2.660	3.952	2.02033	-.09986	-.07858	-.09533	-.08909	-.11373	-.08778	-.11175	-.10287
2.660	5.919	2.02035	-.10518	-.08282	-.10166	-.09484	-.11251	-.08758	-.11548	-.10820
2.660	7.946	2.02029	-.10956	-.08815	-.10705	-.10165	-.10942	-.08745	-.11932	-.11157
2.660	9.920	2.02026	-.11199	-.09151	-.11048	-.10553	-.10834	-.08685	-.12121	-.11400
2.659	11.929	2.01999	-.11493	-.09242	-.11392	-.10841	-.10677	-.08677	-.12310	-.11543
2.659	13.897	2.01986	-.11557	-.09256	-.11506	-.11004	-.10493	-.09142	-.12424	-.11506
2.659	15.920	2.01940	-.11475	-.09276	-.11626	-.11024	-.10612	-.09565	-.12443	-.11626
2.659	17.959	2.01957	-.11594	-.09589	-.11846	-.11190	-.10875	-.10388	-.12457	-.11896
2.659	19.422	2.01969	-.11723	-.10064	-.11874	-.11318	-.11252	-.10868	-.12638	-.12125

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (NGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.007	-2.898	2.09870	-.08924	-.08879	.39926	.48600	.27106	.32815	-.00553	-.00141
2.007	-1.769	2.09874	-.10796	-.10512	.41549	.50665	.29264	.35369	.00856	.01293
2.007	.199	2.09959	-.13082	-.13283	.43882	.53513	.32808	.39315	.03057	.03907
2.007	2.100	2.09950	-.14498	-.14678	.46454	.56706	.36246	.43561	.05591	.06646
2.007	4.134	2.09862	-.16656	-.16632	.49078	.59375	.40297	.47715	.08519	.10038
2.007	6.109	2.09857	-.18258	-.18687	.51169	.61794	.44119	.51833	.11476	.13295
2.007	8.056	2.09814	-.20154	-.20209	.53141	.63601	.47908	.55775	.14747	.16949
2.007	10.106	2.09820	-.21212	-.21209	.55211	.66332	.51837	.60116	.18458	.20915
2.007	12.127	2.09813	-.22502	-.22306	.57107	.68369	.55723	.64023	.22683	.25005
2.007	14.111	2.09767	-.23398	-.23060	.58616	.70402	.59525	.68013	.26882	.29503
2.007	16.143	2.09774	-.24602	-.23511	.60087	.72178	.63464	.72004	.31659	.33790
2.007	18.137	2.09802	-.25220	-.23772	.61576	.74002	.66986	.76174	.36485	.38496
2.007	19.596	2.09812	-.25522	-.24198	.62519	.75614	.69573	.79393	.40200	.42161
	GRADIENT	.00003	-.01059	-.01088	.01293	.01533	.01861	.02117	.01279	.01438

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.274	-2.942	2.16962	-.08358	-.07704	.37944	.46602	.25674	.30995	-.01465	-.00343
2.274	-1.798	2.16935	-.09262	-.08767	.39490	.48584	.27742	.33423	-.00357	.01040
2.274	.112	2.16958	-.11009	-.10701	.41714	.51306	.31022	.37125	.01608	.03421
2.274	2.052	2.16936	-.12588	-.12343	.43897	.54222	.34320	.41303	.04020	.06163
2.274	4.086	2.16806	-.14192	-.14178	.46437	.56931	.37969	.45215	.07189	.09031
2.274	6.073	2.16774	-.15176	-.15362	.48706	.60020	.41736	.49775	.10360	.12107
2.274	8.085	2.16712	-.16427	-.16378	.50620	.62698	.45319	.53962	.13566	.15315
2.274	10.005	2.16684	-.17185	-.17083	.52550	.65308	.48915	.58424	.16976	.18798
2.274	12.038	2.16647	-.18024	-.17910	.54123	.67616	.52497	.62667	.20577	.22562
2.274	14.051	2.16620	-.18563	-.18355	.55710	.69930	.56137	.66620	.24671	.26696
2.274	16.086	2.16607	-.19252	-.18604	.57150	.71671	.60143	.70811	.28768	.30722
2.274	18.125	2.16614	-.19596	-.18816	.58186	.73460	.63488	.75135	.33219	.35243
2.274	19.543	2.16565	-.19679	-.19026	.58977	.74718	.65993	.78154	.36698	.38874
	GRADIENT	-.00018	-.00837	-.00922	.01193	.01464	.01740	.02027	.01219	.01336

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (NGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.495	-3.036	1.91604	-.06935	-.05499	.39891	.47259	.27435	.31790	-.00218	.00903
2.495	-1.927	1.91593	-.07815	-.06494	.41113	.48816	.29036	.33813	.00765	.02122
2.495	-.020	1.91650	-.09055	-.08145	.43367	.51640	.32193	.37643	.02807	.04276
2.495	1.994	1.91666	-.10276	-.09649	.45516	.54585	.35545	.41632	.05126	.06409
2.495	3.977	1.91625	-.11722	-.11373	.47803	.57329	.39155	.45972	.07888	.09251
2.495	5.952	1.91647	-.12507	-.12403	.49868	.59816	.42764	.49840	.10829	.12189
2.495	7.958	1.91649	-.13486	-.13367	.51817	.62469	.46350	.54103	.13819	.15302
2.495	9.931	1.91665	-.14118	-.13774	.53765	.64861	.50064	.58145	.17191	.18758
2.495	11.952	1.91626	-.14643	-.14377	.55705	.67234	.53983	.62383	.20934	.22583
2.495	13.846	1.91671	-.15342	-.14891	.57239	.69047	.57412	.65800	.24454	.26320
2.495	15.992	1.91656	-.15538	-.14998	.58974	.71230	.61515	.70710	.28884	.30753
2.495	17.990	1.91674	-.15728	-.15014	.60333	.72713	.65113	.74487	.33299	.35465
2.495	19.477	1.91712	-.15803	-.15261	.60969	.73868	.67814	.77459	.36609	.39153
	GRADIENT	.00006	-.00669	-.00829	.01127	.01444	.01673	.02020	.01153	.01172

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.660	-3.025	2.02076	-.05245	-.04725	.38414	.45893	.26227	.30529	-.00417	.00836
2.660	-1.955	2.02058	-.06149	-.05515	.39810	.47620	.28005	.32688	.00434	.01702
2.660	.009	2.02092	-.07464	-.07109	.42019	.50481	.31072	.36527	.02398	.03590
2.660	1.941	2.02105	-.08496	-.08323	.44262	.53500	.34546	.40790	.04560	.05834
2.660	3.952	2.02033	-.09734	-.09739	.46324	.56182	.37903	.44584	.07393	.08707
2.660	5.919	2.02035	-.10418	-.10558	.47997	.58382	.41214	.48589	.10078	.11382
2.660	7.946	2.02029	-.11157	-.11189	.50276	.61507	.44978	.52820	.13005	.14494
2.660	9.920	2.02026	-.11601	-.11626	.51792	.63489	.48325	.56998	.16290	.17822
2.659	11.929	2.01999	-.12097	-.11964	.53869	.66138	.52135	.61047	.19708	.21386
2.659	13.897	2.01986	-.12311	-.12276	.55180	.67855	.55527	.64810	.23674	.25246
2.659	15.920	2.01940	-.12480	-.12344	.57150	.70019	.59576	.69221	.27692	.29404
2.659	17.959	2.01957	-.12750	-.12507	.58282	.71637	.63232	.73381	.32403	.34034
2.659	19.422	2.01969	-.12829	-.12638	.59064	.72551	.65604	.75892	.35882	.37633
	GRADIENT	.00002	.00051	.00110	.01148	.01408	.01878	.02222	.01441	.01477

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (OGY011) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.007	-2.898	2.09870	-.00600	.62121	.10465	.26544	.00383
2.007	-1.769	2.09874	.00729	.59116	.12403	.29351	.01774
2.007	.199	2.09959	.03020	.53834	.16059	.33932	.04476
2.007	2.100	2.09950	.05681	.48876	.19709	.38970	.07302
2.007	4.134	2.09862	.08830	.43628	.24010	.44147	.10737
2.007	6.109	2.09857	.12013	.38886	.28396	.49395	.14037
2.007	8.056	2.09814	.15420	.34243	.32785	.54655	.17779
2.007	10.106	2.09820	.19309	.29351	.37964	.60488	.21962
2.007	12.127	2.09813	.23324	.25060	.43051	.66324	.26314
2.007	14.111	2.09767	.27530	.21307	.48536	.72415	.30898
2.007	16.143	2.09774	.32349	.17084	.54262	.78488	.35882
2.007	18.137	2.09802	.37363	.14001	.60091	.84864	.40893
2.007	19.596	2.09812	.41059	.11753	.64488	.89658	.44949
	GRADIENT	.00003	.01333	-.02632	.01923	.02501	.01468

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.274	-2.942	2.16962	-.01056	.60226	.09265	.25075	-.00299
2.274	-1.798	2.16935	.00011	.57138	.11113	.27742	.01126
2.274	.112	2.16958	.02282	.51723	.14281	.31834	.03507
2.274	2.052	2.16936	.04782	.46505	.18093	.36244	.06336
2.274	4.086	2.16806	.07788	.41476	.21958	.41176	.09680
2.274	6.073	2.16774	.10919	.36690	.26148	.46525	.12799
2.274	8.080	2.16712	.13882	.32239	.30732	.51775	.16352
2.274	10.005	2.16684	.17418	.28176	.35332	.57427	.19964
2.274	12.038	2.16647	.21020	.24085	.40565	.63199	.23902
2.274	14.051	2.16620	.25034	.20440	.45579	.69398	.28292
2.274	16.086	2.16607	.29414	.16676	.51410	.75496	.32664
2.274	18.125	2.16614	.34115	.13349	.56993	.82054	.37614
2.274	19.543	2.16565	.37669	.11010	.61177	.86790	.41373
	GRADIENT	-.00018	.01261	-.02685	.01813	.02274	.01411

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (OGY011) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.495	-3.036	1.91604	.00358	.61332	.10689	.26275	.01251
2.495	1.927	1.91593	.01260	.58223	.12263	.28434	.02252
2.495	-.020	1.91650	.03262	.52995	.15412	.32579	.04450
2.495	1.994	1.91666	.05500	.48052	.18803	.37178	.06931
2.495	3.977	1.91625	.08222	.42424	.22913	.42295	.09904
2.495	5.952	1.91647	.10784	.37943	.26772	.47285	.12843
2.495	7.958	1.91649	.14080	.33094	.31267	.52678	.16303
2.495	9.931	1.91665	.17330	.29107	.35714	.58156	.19803
2.495	11.952	1.91626	.21157	.24978	.40876	.63971	.23975
2.495	13.846	1.91671	.24866	.21314	.45472	.69378	.27754
2.495	15.992	1.91656	.29254	.17523	.51423	.76116	.32666
2.495	17.990	1.91674	.34144	.14150	.56988	.82041	.37419
2.495	19.477	1.91712	.37638	.11788	.61226	.86634	.41237
	GRADIENT	.00006	.01119	-.02671	.01734	.02280	.01232

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.660	-3.025	2.02076	.00184	.59819	.10125	.25138	.00735
2.660	-1.955	2.02058	.00890	.56628	.11405	.27460	.01752
2.660	.009	2.02092	.02758	.51135	.14481	.31518	.03892
2.660	1.941	2.02105	.04824	.46345	.18035	.36181	.06035
2.660	3.952	2.02033	.07516	.41221	.21951	.40825	.09209
2.660	5.919	2.02035	.10209	.36609	.25620	.45769	.12135
2.660	7.946	2.02029	.13041	.32059	.30122	.51117	.15346
2.660	9.920	2.02026	.16382	.28073	.34451	.56399	.18924
2.659	11.929	2.01999	.19853	.24064	.39359	.62238	.22539
2.659	13.897	2.01986	.23727	.20554	.44171	.67668	.26799
2.659	15.920	2.01940	.27949	.17050	.50005	.73890	.31156
2.659	17.959	2.01957	.32531	.13803	.54973	.80212	.35834
2.659	19.422	2.01969	.36104	.11470	.59476	.84238	.39834
	GRADIENT	-.00002	.01050	-.02652	.01707	.02250	.01196

OA234 LERC 10SWT 42 LHFN.1S RHF0.2A (AGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.851	-.00457	496.79956	2.37383	175.86145	1395.18408	1.65880	555.33813	.00000
2.008	-1.884	-.00347	497.16479	2.37383	176.09959	1395.72437	1.65870	564.85132	.00000
2.008	.090	-.00377	497.12624	2.37383	176.09206	1395.58423	1.65870	565.34546	.00000
2.008	2.076	-.00391	497.24268	2.37383	176.13770	1395.89844	1.65869	565.78442	.00000
2.008	4.075	-.00332	497.18066	2.37383	176.11635	1395.71875	1.65869	565.78418	.00000
2.008	6.018	-.00315	497.24048	2.37383	176.13954	1395.87817	1.65868	566.00391	.00000
2.008	7.988	-.00305	497.52295	2.37383	176.24142	1396.66309	1.65869	566.38794	.00000
2.008	9.977	-.00268	497.96851	2.37383	176.39896	1397.91675	1.65869	566.71704	.00000
2.008	12.014	-.00192	497.71118	2.37383	176.31149	1397.17676	1.65868	566.82666	.00000
2.008	13.965	-.00146	497.78564	2.37383	176.34238	1397.36475	1.65868	567.26562	.00000
2.008	16.135	-.00084	497.65088	2.37383	176.29932	1396.96753	1.65867	567.53979	.00000
2.008	18.169	-.00130	497.69287	2.37383	176.31302	1397.08789	1.65868	567.48486	.00000
2.008	20.232	-.00300	497.86548	2.37383	176.37448	1397.57227	1.65868	567.64917	.00000
2.008	21.247	-.00301	497.70483	2.37383	176.32245	1397.09863	1.65867	567.92334	.00000
	GRADIENT	.00010	.04224	.00000	.02747	.06285	-.00001	1.09058	.00000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.962	.28395	503.09424	2.45386	138.83287	1570.06104	1.69670	572.68970	.00000
2.275	-1.813	.28411	502.51416	2.45386	138.67699	1668.09497	1.69669	572.63501	.00000
2.275	.159	.28443	502.46558	2.45386	138.66566	1667.91333	1.69669	572.79907	.00000
2.275	1.997	.28480	502.28955	2.45386	138.62141	1667.29028	1.69669	573.07300	.00000
2.275	4.090	.28632	502.30420	2.45386	138.62595	1667.33521	1.69669	573.12769	.00000
2.275	6.022	.28674	502.40674	2.45386	138.65326	1667.68286	1.69669	573.12744	.00000
2.275	7.968	.28726	502.35156	2.45386	138.63966	1667.48584	1.69669	573.23682	.00000
2.275	10.038	.28756	502.38110	2.45386	138.65210	1667.54224	1.69669	573.67456	.00000
2.275	12.022	.28860	502.75146	2.45386	138.75296	1668.78516	1.69669	573.83887	.00000
2.275	14.026	.28986	503.03076	2.45386	138.82828	1669.73047	1.69668	573.89355	.00000
2.275	16.091	.29036	502.91821	2.45386	138.80034	1669.32495	1.69669	574.11255	.00000
2.275	18.060	.29081	502.99268	2.45386	138.82137	1669.55836	1.69668	574.22192	.00000
2.275	20.163	.28880	503.06592	2.45386	138.84045	1669.82178	1.69668	574.16724	.00000
2.275	21.215	.28830	502.84570	2.45386	138.78702	1669.02246	1.69668	574.71436	.00000
	GRADIENT	.00031	-.09458	.00000	-.02454	-.32840	-.00000	.07462	.00000

0A234 LERC 10SWT 42 LHFN.1S RHF0.2A (AGY013) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.028	-.18094	500.62183	2.53601	114.89285	1947.64917	1.70525	576.13574	.00000
2.495	-1.923	-.18086	500.70239	2.53601	114.91443	1947.91333	1.70498	576.62769	.00000
2.495	.073	-.18123	500.21021	2.53601	114.80717	1945.90771	1.70666	577.01050	.00000
2.495	2.006	-.18156	500.36914	2.53601	114.83751	1946.62354	1.70611	576.29956	.00000
2.495	3.981	-.18135	500.20435	2.53601	114.80350	1945.92261	1.70668	576.68262	.00000
2.495	6.035	-.18163	500.30762	2.53601	114.82652	1946.33398	1.70632	576.68237	.00000
2.495	7.990	-.18182	500.52808	2.53601	114.87630	1947.20557	1.70557	576.73706	.00000
2.495	10.028	-.18200	500.41577	2.53601	114.85277	1946.73315	1.70596	576.95581	.00000
2.495	12.009	-.18104	500.48120	2.53601	114.86891	1946.96655	1.70573	577.17432	.00000
2.495	14.054	-.18114	500.02124	2.53601	114.76489	1945.15259	1.70730	577.01050	.00000
2.495	15.865	-.18046	501.41724	2.53601	115.08495	1950.58960	1.70255	578.10376	.00000
2.495	16.074	-.18076	498.16504	2.53601	114.34898	1937.77002	1.71366	576.90137	.00000
2.495	18.076	-.18096	499.84375	2.53601	114.72681	1944.42139	1.70791	577.22925	.00000
2.495	20.122	-.18183	501.81494	2.53601	115.17079	1952.22388	1.70120	577.66650	.00000
2.495	21.083	-.18201	501.32178	2.53601	115.06579	1950.17554	1.70287	578.37695	.00000
	GRADIENT	-.00009	-.06560	-.00000	-.01441	-.26550	.00022	.03579	.00000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.661	-3.006	-.11992	434.11523	2.31445	87.56355	1920.75195	1.73379	573.72900	.00000
2.661	-1.967	-.11962	434.30737	2.31445	87.60492	1921.53857	1.73379	574.00244	.00000
2.661	-.022	-.11983	434.34058	2.31445	87.60780	1921.77588	1.73380	573.89331	.00000
2.661	1.937	-.11995	434.29346	2.31445	87.60536	1921.40503	1.73378	574.11206	.00000
2.661	3.964	-.11940	434.40381	2.31445	87.62492	1921.95703	1.73379	574.11206	.00000
2.661	5.892	-.11935	434.40161	2.31445	87.62302	1921.97925	1.73379	574.05713	.00000
2.661	7.874	-.11926	434.22925	2.31445	87.59250	1921.11743	1.73379	574.05737	.00000
2.661	9.888	-.11921	434.47485	2.31445	87.64044	1922.24438	1.73378	574.22119	.00000
2.661	11.949	-.11877	434.11890	2.31445	87.57591	1920.49927	1.73378	574.16699	.00000
2.661	13.986	-.11808	434.18506	2.31445	87.58177	1920.96484	1.73379	573.94775	.00000
2.661	15.936	-.11773	434.08398	2.31445	87.56973	1920.32520	1.73378	574.16675	.00000
2.661	17.967	-.11787	434.14624	2.31445	87.58365	1920.56812	1.73377	574.27612	.00000
2.661	20.013	-.11860	434.33398	2.31445	87.61258	1921.60571	1.73379	574.11230	.00000
	GRADIENT	.00004	.02937	-.00000	.00645	.11820	.00000	.04660	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (LGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.00% PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.009	-2.851	-.00457	.08033	.08502	-.08815	-.08099	-.10094	-.09462	-.10137	-.09809
2.008	-1.884	-.00347	.07891	.08485	-.09605	-.08967	-.11220	-.10586	-.11523	-.11235
2.008	.090	-.00377	.08224	.09007	-.10315	-.09712	-.12572	-.11896	-.13222	-.13021
2.008	2.076	-.00391	.08798	.09757	-.10875	-.10655	-.13731	-.13441	-.14684	-.14911
2.008	4.075	-.00332	.09063	.09816	-.11566	-.11210	-.15110	-.14602	-.16497	-.16505
2.008	6.018	-.00315	.09446	.10058	-.11271	-.11132	-.15638	-.15388	-.17588	-.17897
2.008	7.988	-.00305	.09593	.10649	-.11766	-.11233	-.16559	-.16221	-.19114	-.19290
2.008	9.977	-.00268	.09861	.10880	-.12262	-.11983	-.17478	-.17269	-.20464	-.20854
2.008	12.014	-.00192	.09916	.11063	-.11825	-.11594	-.17655	-.17315	-.21378	-.21766
2.008	13.965	-.00146	.10013	.11034	-.12246	-.11664	-.18547	-.17947	-.22660	-.22786
2.008	16.135	-.00084	.09930	.11077	-.11287	-.11194	-.18077	-.17908	-.23012	-.23397
2.008	18.169	-.00130	.10031	.11135	-.12237	-.12173	-.18106	-.17938	-.23345	-.23687
2.008	20.232	-.00300	.10290	.11406	-.13058	-.13076	-.18442	-.18446	-.23461	-.23889
2.008	21.247	-.00301	.10553	.11662	-.13373	-.13556	-.18708	-.18669	-.23557	-.23985
	GRADIENT	.00010	.00172	.00221	-.00373	-.00437	-.00697	-.00731	-.00883	-.00950

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.275	-2.962	.28395	.05758	.06461	-.05890	-.05387	-.07485	-.06811	-.07870	-.07751
2.275	-1.813	.28411	.05849	.06640	-.06332	-.05908	-.08137	-.07590	-.08695	-.08660
2.275	.159	.28443	.06188	.07070	-.06992	-.06859	-.09175	-.08925	-.10032	-.10167
2.275	1.997	.28480	.06553	.07740	-.07622	-.07566	-.10139	-.10060	-.11126	-.11558
2.275	4.090	.28632	.07055	.08162	-.08242	-.08221	-.11310	-.11227	-.12510	-.13026
2.275	6.022	.28674	.07359	.08385	-.08625	-.08643	-.12073	-.12161	-.13574	-.14215
2.275	7.998	.28726	.07855	.08841	-.08951	-.08963	-.12952	-.12953	-.14754	-.15436
2.275	10.038	.28756	.08198	.09099	-.09126	-.09223	-.13426	-.13468	-.15699	-.16380
2.275	12.022	.28860	.08520	.09251	-.09390	-.09396	-.13896	-.13895	-.16467	-.17231
2.275	14.026	.28986	.09038	.09514	-.09207	-.09261	-.14229	-.14184	-.17013	-.17776
2.275	16.091	.29036	.09117	.09512	-.09297	-.09563	-.14318	-.14358	-.17487	-.18249
2.275	18.060	.29081	.09448	.09977	-.09918	-.10091	-.14374	-.14543	-.17672	-.18605
2.275	20.163	.28880	.09783	.10266	-.10447	-.10870	-.14810	-.14979	-.17894	-.18741
2.275	21.215	.28830	.09881	.10411	-.10696	-.11330	-.15057	-.15310	-.17970	-.18817
	GRADIENT	.00031	.00186	.00253	-.00334	-.00407	-.00539	-.00629	-.00653	-.00749

OA234 LERC 10SWT 42 LHFN.1S RHF0.2A (LGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.495	-3.028	-.18094	.06913	.06655	-.03278	-.02960	-.04897	-.04430	-.05456	-.05418
2.495	-1.923	-.18086	.07005	.07007	-.03751	-.03512	-.05577	-.05153	-.06223	-.06227
2.495	.073	-.18123	.07418	.07514	-.04824	-.04399	-.06897	-.06427	-.07672	-.07674
2.495	2.006	-.18156	.07716	.07990	-.05564	-.05259	-.07971	-.07457	-.08832	-.08875
2.495	3.981	-.18135	.07770	.08432	-.06258	-.05900	-.09087	-.08656	-.10034	-.10204
2.495	6.035	-.18163	.08106	.08646	-.06959	-.06463	-.09951	-.09475	-.11070	-.11109
2.495	7.990	-.18182	.08214	.09058	-.07326	-.06911	-.10786	-.10309	-.12164	-.12286
2.495	10.028	-.18200	.08215	.09283	-.07634	-.07216	-.11134	-.10829	-.12727	-.13107
2.495	12.009	-.18104	.08419	.09397	-.07860	-.07482	-.11615	-.11266	-.13251	-.13758
2.495	14.054	-.18114	.08517	.09803	-.07900	-.07520	-.11957	-.11564	-.13593	-.14057
2.495	15.865	-.18046	.08491	.09729	-.08231	-.07849	-.12446	-.12096	-.14336	-.14841
2.495	16.074	-.18076	.08705	.09995	-.08082	-.07741	-.12195	-.11843	-.13967	-.14390
2.495	18.076	-.18096	.08931	.10052	-.08710	-.08276	-.12413	-.12062	-.14137	-.14557
2.495	20.122	-.18183	.09106	.10400	-.09162	-.08939	-.12761	-.12410	-.14350	-.14681
2.495	21.083	-.18201	.08960	.10422	-.09547	-.09319	-.13015	-.12793	-.14390	-.14810
	GRADIENT	-.00009	.00135	.00252	-.00432	-.00423	-.00599	-.00598	-.00654	-.00680

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.661	-3.006	-.11992	.06542	.06187	-.01552	-.01629	-.03266	-.03217	-.03911	-.04307
2.661	-1.967	-.11962	.06619	.06318	-.02026	-.02096	-.03883	-.03733	-.04528	-.04873
2.661	-.022	-.11983	.07032	.06786	-.03012	-.02970	-.05053	-.05001	-.05648	-.06140
2.661	1.937	-.11995	.07535	.07294	-.03860	-.03806	-.06188	-.06035	-.06882	-.07322
2.661	3.964	-.11940	.07910	.07828	-.04480	-.04617	-.07196	-.07140	-.07990	-.08575
2.661	5.892	-.11935	.08378	.08052	-.05064	-.05192	-.07920	-.07863	-.08664	-.09298
2.661	7.874	-.11926	.08479	.08504	-.05568	-.05740	-.08668	-.08558	-.09462	-.09994
2.661	9.888	-.11921	.08661	.08741	-.05978	-.06094	-.09070	-.09108	-.09913	-.10445
2.661	11.949	-.11877	.08775	.08907	-.06327	-.06388	-.09465	-.09553	-.10358	-.10792
2.661	13.986	-.11808	.08914	.09147	-.06434	-.06494	-.09867	-.09907	-.10661	-.11095
2.661	15.936	-.11773	.09154	.09390	-.06748	-.06804	-.10029	-.10217	-.11022	-.11406
2.661	20.013	-.11860	.09493	.09934	-.07401	-.07449	-.10426	-.10412	-.11418	-.11700
2.661	21.040	-.11879	.09533	.10027	-.07855	-.07896	-.10573	-.10609	-.11466	-.11846
	GRADIENT	.00004	.00207	.00241	-.00429	-.00430	-.00568	-.00569	-.00589	-.00616

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (MGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.009	-2.851	-.00457	-.12020	-.11714	-.10790	-.10701	-.15784	-.14874	-.12234	-.11712
2.008	-1.884	-.00347	-.13113	-.12706	-.12148	-.12000	-.16123	-.15570	-.13441	-.13070
2.008	.090	-.00377	-.14088	-.13929	-.13562	-.13699	-.15962	-.15537	-.15616	-.15229
2.008	2.076	-.00391	-.16095	-.15950	-.15788	-.16158	-.15301	-.15042	-.17377	-.16710
2.008	4.075	-.00332	-.16745	-.16159	-.16965	-.17017	-.14818	-.14726	-.17759	-.17491
2.008	6.018	-.00315	-.17325	-.16988	-.18071	-.18498	-.15604	-.15658	-.19194	-.19037
2.008	7.988	-.00305	-.17467	-.17129	-.19002	-.19374	-.15270	-.15537	-.19766	-.19661
2.008	9.977	-.00268	-.18222	-.17701	-.20107	-.20464	-.15584	-.15504	-.20120	-.20019
2.008	12.014	-.00192	-.18269	-.17834	-.20463	-.20859	-.15846	-.16077	-.21161	-.20814
2.008	13.965	-.00146	-.18252	-.17731	-.20752	-.21145	-.15182	-.15621	-.21231	-.21015
2.008	16.135	-.00084	-.18038	-.17692	-.20890	-.21367	-.16655	-.17161	-.21107	-.20934
2.008	18.169	-.00130	-.18068	-.17636	-.20832	-.21267	-.17203	-.18068	-.21309	-.21578
2.008	20.232	-.00300	-.18539	-.18230	-.20908	-.21384	-.18359	-.18802	-.21945	-.22092
2.008	21.247	-.00301	-.18810	-.18409	-.21047	-.21565	-.18971	-.19292	-.22169	-.22232
	GRADIENT	.00010	-.00692	-.00674	-.00890	-.00935	.00164	.00060	-.00828	-.00839

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.275	-2.962	.28395	-.09490	-.09333	-.08796	-.08898	-.13266	-.13179	-.10744	-.10662
2.275	-1.813	.28411	-.10154	-.10072	-.09546	-.09809	-.13581	-.13543	-.11484	-.11500
2.275	.159	.28443	-.11293	-.11152	-.10728	-.11276	-.14148	-.14032	-.12992	-.12945
2.275	1.997	.28480	-.12272	-.12157	-.12054	-.12584	-.14041	-.13880	-.14084	-.14054
2.275	4.090	.28632	-.13240	-.12983	-.13327	-.13797	-.12983	-.13109	-.15081	-.15109
2.275	6.022	.28674	-.13840	-.13531	-.14187	-.14732	-.12546	-.12796	-.15671	-.15709
2.275	7.968	.28726	-.14252	-.13852	-.15078	-.15612	-.12311	-.12731	-.16078	-.16122
2.275	10.038	.28756	-.14384	-.13939	-.15602	-.15999	-.12698	-.12733	-.16337	-.16297
2.275	12.022	.28860	-.14643	-.14237	-.16076	-.16467	-.12569	-.12862	-.16760	-.16771
2.275	14.026	.28986	-.14633	-.14227	-.16283	-.16670	-.12559	-.12853	-.16921	-.16934
2.275	16.091	.29036	-.14376	-.14016	-.16416	-.16887	-.13204	-.13638	-.16710	-.16807
2.275	18.060	.29081	-.14520	-.14201	-.16387	-.16858	-.13945	-.14433	-.17066	-.17169
2.275	20.163	.28880	-.15048	-.14807	-.16481	-.17037	-.14765	-.15091	-.17458	-.17523
2.275	21.215	.28830	-.15385	-.15096	-.16558	-.17070	-.15396	-.15602	-.17577	-.17687
	GRADIENT	.00031	-.00535	-.00521	-.00646	-.00699	.00017	-.00001	-.00627	-.00636

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (MGY013) (26 APR 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.495	-3.028	-.18094	-.07334	-.07008	-.06723	-.06661	-.11219	-.10649	-.09028	-.08511
2.495	-1.923	-.18086	-.07936	-.07558	-.07413	-.07428	-.11510	-.10945	-.09706	-.09157
2.495	.073	-.18123	-.09188	-.08619	-.08795	-.08749	-.12016	-.11546	-.10941	-.10411
2.495	2.006	-.18156	-.10058	-.09477	-.09797	-.09823	-.12227	-.11761	-.11840	-.11324
2.495	3.981	-.18135	-.11059	-.10333	-.11015	-.10982	-.11924	-.11452	-.12827	-.12412
2.495	6.035	-.18163	-.11629	-.10808	-.11716	-.11759	-.11367	-.11018	-.13301	-.12982
2.495	7.990	-.18182	-.12082	-.11298	-.12519	-.12595	-.10954	-.10598	-.13704	-.13348
2.495	10.028	-.18200	-.12349	-.11430	-.12917	-.12986	-.11172	-.10602	-.13880	-.13572
2.495	12.009	-.18104	-.12617	-.11524	-.13228	-.13251	-.11008	-.10696	-.14145	-.13752
2.495	14.054	-.18114	-.12572	-.11607	-.13358	-.13421	-.10962	-.10694	-.14186	-.13882
2.495	15.865	-.18046	-.12673	-.11753	-.13719	-.13777	-.11839	-.11672	-.14369	-.14111
2.495	16.074	-.18076	-.12421	-.11541	-.13430	-.13621	-.11455	-.11194	-.14174	-.13781
2.495	18.076	-.18096	-.12686	-.11675	-.13560	-.13663	-.12062	-.11943	-.14299	-.14085
2.495	20.122	-.18183	-.13123	-.12196	-.13646	-.13834	-.12753	-.12644	-.14510	-.14299
2.495	21.083	-.18201	-.13382	-.12493	-.13687	-.13874	-.13394	-.13120	-.14724	-.14515
	GRADIENT	-.00009	-.00532	-.00476	-.00610	-.00613	-.00114	-.00130	-.00540	-.00554

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.661	-3.006	-.11992	-.05777	-.05693	-.05273	-.05449	-.09359	-.08996	-.07576	-.07336
2.661	-1.967	-.11962	-.06301	-.06160	-.05848	-.06016	-.09528	-.09170	-.07943	-.07811
2.661	-.022	-.11983	-.07236	-.07081	-.06834	-.07037	-.09804	-.09551	-.08913	-.08695
2.661	1.937	-.11995	-.08185	-.07768	-.07934	-.08172	-.10046	-.09895	-.09699	-.09594
2.661	3.964	-.11940	-.09006	-.08625	-.08804	-.09081	-.10060	-.09760	-.10407	-.10263
2.661	5.892	-.11935	-.09490	-.09001	-.09339	-.09557	-.09843	-.09540	-.10734	-.10647
2.661	7.874	-.11926	-.09844	-.09449	-.09844	-.10057	-.09548	-.09491	-.10984	-.10850
2.661	9.888	-.11921	-.10051	-.09653	-.10202	-.10160	-.09554	-.09548	-.11187	-.11158
2.661	11.949	-.11877	-.10253	-.09801	-.10505	-.10358	-.09454	-.09447	-.11337	-.11260
2.661	13.986	-.11808	-.10308	-.09857	-.10660	-.10413	-.09510	-.09453	-.11392	-.11365
2.661	15.936	-.11773	-.10422	-.09870	-.10825	-.10476	-.09821	-.09768	-.11505	-.11479
2.661	17.967	-.11787	-.10503	-.09852	-.10805	-.10508	-.10100	-.10050	-.11685	-.11509
2.661	20.013	-.11860	-.10772	-.09967	-.10923	-.10624	-.10511	-.10470	-.11799	-.11677
2.661	21.040	-.11879	-.11073	-.10065	-.11174	-.10672	-.10856	-.10872	-.11994	-.11928
	GRADIENT	.00004	-.00466	-.00417	-.00512	-.00527	-.00106	-.00124	-.00415	-.00427

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (NGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.009	-2.851	-.00457	-.08464	-.07904	.44903	.45221	.30472	.31074	.00324	.00922
2.008	-1.884	-.00347	-.10043	-.09591	.45988	.46303	.32131	.32782	.01140	.01526
2.008	.090	-.00377	-.12640	-.12372	.48702	.49187	.35927	.36714	.03594	.03973
2.008	2.076	-.00391	-.15174	-.14436	.51264	.51798	.39572	.40464	.06331	.06606
2.008	4.075	-.00332	-.16526	-.15856	.53822	.54308	.43560	.44326	.09409	.09510
2.008	6.018	-.00315	-.18642	-.18329	.56028	.56838	.47323	.48388	.12692	.12638
2.008	7.988	-.00305	-.20099	-.19809	.58097	.58930	.51128	.52313	.16124	.16200
2.008	9.977	-.00268	-.21335	-.21070	.60136	.61210	.55163	.56253	.19843	.20050
2.008	12.014	-.00192	-.22744	-.22371	.62081	.63282	.59138	.60368	.24099	.23903
2.008	13.965	-.00146	-.23648	-.23261	.63594	.65120	.63075	.64337	.27910	.28237
2.008	16.135	-.00084	-.24357	-.23959	.65216	.67039	.67120	.68430	.32937	.33036
2.008	18.169	-.00130	-.24606	-.24248	.66616	.68924	.70989	.72749	.37796	.37759
2.008	20.232	-.00300	-.24681	-.24494	.68064	.71188	.75118	.77487	.42757	.43082
2.008	21.247	-.00301	-.24733	-.24503	.68781	.72227	.77267	.79700	.45152	.45821
	GRADIENT	.00010	-.01182	-.01150	.01300	.01330	.01890	.01921	.01321	.01261

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.275	-2.962	.28395	-.08232	-.07965	.42325	.43149	.28337	.29165	-.00655	-.00037
2.275	-1.813	.28411	-.08981	-.09002	.43956	.44793	.30423	.31401	.00456	.01089
2.275	.159	.28443	-.10859	-.10723	.46407	.47524	.33854	.35081	.02634	.03253
2.275	1.997	.28480	-.12185	-.12243	.48405	.50259	.37221	.38945	.05097	.05485
2.275	4.090	.28632	-.13718	-.13839	.51050	.53183	.41152	.43038	.08169	.08292
2.275	6.022	.28674	-.14926	-.15071	.53186	.55860	.44788	.47057	.11126	.11116
2.275	7.968	.28726	-.16122	-.16292	.55448	.58343	.48549	.51052	.14107	.14345
2.275	10.038	.28756	-.16819	-.17065	.57554	.60924	.52624	.55447	.17535	.17980
2.275	12.022	.28860	-.17596	-.17787	.59369	.62962	.56372	.59301	.21143	.21713
2.275	14.026	.28986	-.18064	-.18161	.61073	.64933	.60431	.63383	.25122	.25819
2.275	16.091	.29036	-.18545	-.18420	.62816	.66697	.64443	.67386	.29649	.30396
2.275	18.060	.29081	-.18733	-.18562	.64009	.68155	.68077	.71082	.34132	.34835
2.275	20.163	.28880	-.18826	-.18613	.65117	.69545	.71798	.74964	.39176	.40036
2.275	21.215	.28830	-.18903	-.18646	.65646	.70217	.73783	.77014	.42057	.42861
	GRADIENT	.00031	-.00791	-.00835	.01220	.01425	.01811	.01971	.01251	.01180

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (NGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.495	-3.028	-.18094	-.06723	-.06063	.43880	.43197	.29778	.29441	.00511	.00601
2.495	-1.923	-.18086	-.07456	-.06871	.45254	.44704	.31584	.31389	.01549	.01651
2.495	.073	-.18123	-.08970	-.08490	.47979	.47372	.35244	.35133	.03548	.03680
2.495	2.006	-.18156	-.10189	-.09777	.50414	.49957	.38629	.38810	.05738	.05943
2.495	3.981	-.18135	-.11626	-.11279	.52943	.52832	.42744	.43032	.08502	.08694
2.495	6.035	-.18163	-.12459	-.12183	.55284	.55297	.46508	.46887	.11459	.11781
2.495	7.980	-.18182	-.13435	-.13274	.57362	.57813	.50351	.50881	.14532	.14933
2.495	10.028	-.18200	-.13965	-.13751	.59312	.60057	.54105	.54900	.17975	.18512
2.495	12.009	-.18104	-.14494	-.14016	.61272	.62051	.58045	.58803	.21531	.22186
2.495	14.054	-.18114	-.14712	-.14186	.62985	.64262	.61909	.62962	.25807	.26383
2.495	15.865	-.18046	-.15244	-.15227	.64368	.65596	.65399	.66460	.29385	.29948
2.495	16.074	-.18076	-.14877	-.14735	.64988	.66311	.66241	.67397	.30166	.30738
2.495	18.076	-.18096	-.15047	-.14901	.65836	.67576	.69584	.70781	.34621	.35250
2.495	20.122	-.18183	-.15170	-.15024	.67174	.69349	.73569	.75044	.39847	.40265
2.495	21.083	-.18201	-.15256	-.15196	.67437	.69806	.75042	.76498	.42184	.42736
	GRADIENT	-.00009	-.00699	-.00743	.01298	.01367	.01841	.01932	.01129	.01146

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.661	-3.006	-.11992	-.04972	-.04901	.42615	.42138	.29036	.28866	.00201	.00509
2.661	-1.967	-.11962	-.05748	-.05714	.44123	.43577	.30596	.30354	.01021	.01293
2.661	-.022	-.11983	-.07086	-.07081	.46710	.46381	.33977	.33968	.02971	.03320
2.661	1.937	-.11995	-.08235	-.08362	.49249	.49435	.37753	.38278	.05257	.05587
2.661	3.964	-.11940	-.09358	-.09565	.51491	.51857	.41534	.42205	.07910	.08330
2.661	5.892	-.11935	-.10043	-.10189	.53650	.54294	.45030	.45793	.10606	.10964
2.661	7.874	-.11926	-.10699	-.10836	.55792	.56796	.48904	.49846	.13580	.14026
2.661	9.888	-.11921	-.11208	-.11236	.57682	.58810	.52580	.53564	.16878	.17421
2.661	11.949	-.11877	-.11461	-.11584	.59721	.61117	.56598	.57868	.20617	.21006
2.661	13.986	-.11808	-.11717	-.11838	.61338	.62986	.60347	.61737	.24568	.25002
2.661	15.936	-.11773	-.11932	-.12149	.62931	.64842	.64369	.65742	.28480	.28910
2.661	17.967	-.11787	-.11963	-.12280	.64185	.66333	.67755	.69329	.33104	.33374
2.661	20.013	-.11860	-.12080	-.12393	.65273	.67650	.71468	.73041	.38318	.38406
2.661	21.040	-.11879	-.12280	-.12489	.65729	.68320	.73210	.74706	.40918	.40890
	GRADIENT								.01109	.01125

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (OGY013) (02 MAY 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.009	-2.851	-.00457	-.00075	.28912	.11130	.27223	.01273
2.008	-1.884	-.00347	.00522	.30702	.12729	.29014	.01920
2.008	.090	-.00377	.02987	.35451	.16357	.33806	.04367
2.008	2.076	-.00391	.05724	.40265	.20164	.38490	.07394
2.008	4.075	-.00332	.08768	.45205	.24072	.43473	.10516
2.008	6.018	-.00315	.12180	.50484	.28455	.48665	.13906
2.008	7.988	-.00305	.15878	.55716	.32964	.53898	.17642
2.008	9.977	-.00268	.19651	.61434	.37840	.59704	.21795
2.008	12.014	-.00192	.24035	.67318	.43088	.65544	.26346
2.008	13.965	-.00146	.28335	.73245	.48327	.71384	.30897
2.008	16.135	-.00084	.33351	.80023	.54425	.78161	.36219
2.008	18.169	-.00130	.38320	.86534	.60401	.84585	.41551
2.008	20.232	-.00300	.43570	.93387	.66885	.91309	.47176
2.008	21.247	-.00301	.46237	.96843	.70142	.94721	.49871
	GRADIENT	.00010	.01298	.02375	.01875	.02365	.01359

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.275	-2.962	.28395	-.00805	.26797	.09664	.25129	.00006
2.275	-1.813	.28411	.00351	.29267	.11537	.27511	.01263
2.275	.159	.28443	.02534	.33683	.14785	.31841	.03687
2.275	1.997	.28480	.04959	.38164	.18269	.36364	.06396
2.275	4.090	.28632	.07864	.43037	.22500	.41194	.09506
2.275	6.022	.28674	.10908	.48130	.26444	.46331	.12936
2.275	7.968	.28726	.14026	.53391	.31008	.51591	.16164
2.275	10.038	.28756	.17540	.59140	.35889	.57297	.20188
2.275	12.022	.28860	.21287	.64894	.40891	.63095	.23874
2.275	14.026	.28986	.25303	.70879	.46192	.69209	.28325
2.275	16.091	.29036	.29541	.77246	.52054	.75533	.32944
2.275	18.060	.29081	.34365	.83668	.57390	.81697	.37641
2.275	20.163	.28880	.39371	.90604	.63606	.88505	.43141
2.275	21.215	.28830	.42221	.94177	.66775	.92077	.45880
	GRADIENT	.00031	.01231	.02313	.01814	.02292	.01353

OA234 LERC 10SWT 42 LHFN.1S RHF0.2A (OGY013) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.495	-3.028	-.18094	.00311	.27672	.10660	.25910	.01167
2.495	-1.923	-.18086	.01394	.29822	.12402	.28017	.02348
2.495	.073	-.18123	.03525	.34341	.15700	.32448	.04638
2.495	2.006	-.18156	.05592	.38844	.18957	.36909	.07076
2.495	3.981	-.18135	.08312	.44250	.23140	.42313	.10087
2.495	6.035	-.18163	.11276	.49347	.27439	.47325	.13348
2.495	7.990	-.18182	.14143	.54738	.31622	.52802	.16586
2.495	10.028	-.18200	.17673	.60086	.36376	.58107	.20165
2.495	12.009	-.18104	.21234	.65919	.41119	.63940	.23968
2.495	14.054	-.18114	.25558	.71768	.46490	.69830	.28469
2.495	15.865	-.18046	.29050	.77123	.51594	.75147	.32158
2.495	16.074	-.18076	.29786	.78215	.52523	.76269	.32962
2.495	18.076	-.18096	.34427	.84189	.57520	.82164	.37683
2.495	20.122	-.18183	.39582	.90783	.63564	.88765	.43251
2.495	21.083	-.18201	.42198	.93437	.66393	.91330	.45507
	GRADIENT	-.00009	.01129	.02359	.01761	.02332	.01262

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.661	-3.006	-.11992	.00554	.27103	.10205	.25270	.01162
2.661	-1.967	-.11962	.01278	.28911	.11793	.27078	.01946
2.661	-.022	-.11983	.03179	.33135	.14818	.31203	.04024
2.661	1.937	-.11995	.05272	.38050	.18185	.36118	.06441
2.661	3.964	-.11940	.07932	.42822	.22375	.40940	.09434
2.661	5.892	-.11935	.10382	.47804	.25863	.45872	.12169
2.661	7.874	-.11926	.13316	.53067	.30524	.51134	.15481
2.661	9.888	-.11921	.16518	.58623	.34507	.56592	.18825
2.661	11.949	-.11877	.20160	.64233	.40004	.62300	.22813
2.661	13.986	-.11808	.24062	.70262	.44536	.68279	.26857
2.661	15.936	-.11773	.27930	.76222	.50343	.74337	.31015
2.661	17.967	-.11787	.32709	.82138	.55741	.80154	.35978
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.661	21.040	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00004	.01059	.02284	.01729	.02274	.01189

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (AGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.855	-.00118	498.54565	2.29984	176.73244	1398.96045	1.65857	577.88379	.00000
2.007	-1.967	-.00160	498.60669	2.29984	176.75761	1399.11548	1.65856	578.21191	.00000
2.007	.058	-.00230	498.61987	2.29984	176.76213	1399.15381	1.65855	578.21191	.00000
2.007	2.037	-.00240	498.50073	2.29984	176.72495	1398.79810	1.65856	578.53906	.00000
2.007	4.059	-.00198	498.40771	2.29984	176.69629	1398.51660	1.65855	578.81226	.00000
2.007	6.022	-.00224	498.40454	2.29984	176.70055	1398.48364	1.65855	579.24951	.00000
2.007	8.012	-.00198	498.56030	2.29984	176.75414	1398.92822	1.65855	579.24976	.00000
2.007	10.025	-.00159	498.70435	2.29984	176.80901	1399.31567	1.65854	579.68628	.00000
2.007	12.026	-.00125	498.46437	2.29984	176.72935	1398.70630	1.65855	579.35889	.00000
2.007	14.013	-.00091	498.27881	2.29984	176.66728	1398.08057	1.65853	580.06909	.00000
2.007	16.090	-.00051	498.27661	2.29984	176.66512	1398.08057	1.65853	579.95972	.00000
2.007	18.137	-.00078	498.55835	2.29984	176.77220	1398.83887	1.65853	580.77905	.00000
2.007	20.137	-.00252	498.43530	2.29984	176.72995	1398.48877	1.65853	580.77881	.00000
2.007	21.114	-.00266	498.28467	2.29984	176.67398	1398.07617	1.65852	580.45117	.00000
	GRADIENT	-.00012	-.02336	-.00000	-.00659	-.07299	-.00000	.12015	.00000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.966	.28618	504.59131	2.35013	139.41498	1673.44702	1.69654	590.31763	.00000
2.274	-1.869	.28614	503.58643	2.35013	139.15331	1669.96313	1.69652	591.02637	.00000
2.274	.096	.28602	502.91016	2.35013	138.97054	1667.68262	1.69651	590.86279	.00000
2.274	1.989	.28618	502.96753	2.35013	138.98753	1667.86279	1.69651	591.02563	.00000
2.274	3.952	.28736	502.94800	2.35013	138.98579	1667.76562	1.69651	591.35278	.00000
2.274	6.014	.28743	502.71411	2.35013	138.91974	1667.00269	1.69651	591.02759	.00000
2.274	7.988	.28785	502.87622	2.35013	138.97044	1667.48364	1.69651	591.73242	.00000
2.274	9.993	.28805	503.08350	2.35013	139.02823	1668.16626	1.69650	591.95215	.00000
2.274	11.986	.28910	503.11938	2.35013	139.04178	1668.25244	1.69650	592.33057	.00000
2.274	13.994	.29019	503.08838	2.35013	139.03795	1668.10620	1.69650	592.76709	.00000
2.274	16.021	.29070	502.84399	2.35013	138.97310	1667.27100	1.69649	592.82178	.00000
2.274	18.064	.29118	502.82422	2.35013	138.96051	1667.26904	1.69650	592.11499	.00000
2.274	20.064	.28920	503.05615	2.35013	139.03104	1667.97925	1.69650	592.93066	.00000
2.274	21.120	.28855	502.95020	2.35013	139.00385	1667.60767	1.69649	593.03931	.00000
	GRADIENT	.00014	-.20821	.00000	-.05459	-.71779	-.00000	.11102	.00000

OA234 LERC 10SWT 42 LHF0.2A RHFN.1S (AGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.493	-2.969	-.17938	500.75171	2.42115	115.06613	1945.86719	1.70403	595.54028	.00000
2.493	-1.958	-.17932	501.50806	2.42115	115.23727	1948.85278	1.70146	595.81104	.00000
2.493	.050	-.17997	500.80469	2.42115	115.08380	1945.98853	1.70385	596.30054	.00000
2.493	1.994	-.18036	500.75171	2.42115	115.07364	1945.75000	1.70403	596.51782	.00000
2.493	4.013	-.18012	500.79370	2.42115	115.07889	1945.98291	1.70389	595.97461	.00000
2.493	5.968	-.18084	500.78931	2.42115	115.07745	1945.97437	1.70390	595.92090	.00000
2.493	7.942	-.18100	500.72266	2.42115	115.06915	1945.60229	1.70413	596.79053	.00000
2.493	9.972	-.18132	500.73926	2.42115	115.07123	1945.69336	1.70407	596.57153	.00000
2.493	11.944	-.18052	500.52100	2.42115	115.02336	1944.81030	1.70482	596.68140	.00000
2.493	13.985	-.18054	500.95703	2.42115	115.12245	1946.52271	1.70333	596.89868	.00000
2.493	15.967	-.18024	501.05957	2.42115	115.15573	1946.76562	1.70298	598.25732	.00000
2.493	18.022	-.18052	500.94336	2.42115	115.12392	1946.39453	1.70338	597.49658	.00000
2.493	20.052	-.18146	500.59009	2.42115	115.04373	1945.00732	1.70458	597.33472	.00000
2.493	21.038	-.18221	500.84766	2.42115	115.09967	1946.06030	1.70370	597.11597	.00000
	GRADIENT	-.00014	-.04626	-.00000	-.00971	-.19435	.00016	.08154	.00000

OA234 LERC 10SWT 42 LHF0.2A RHFN.1S (LGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.007	-2.855	-.00118	.07393	.07904	-.09175	-.08545	-.10576	-.09905	-.10662	-.10293
2.007	-1.967	-.00160	.07583	.08232	-.09676	-.09041	-.11287	-.10617	-.11590	-.11221
2.007	.058	-.00230	.08041	.08875	-.10519	-.09832	-.12726	-.12010	-.13331	-.13045
2.007	2.037	-.00240	.08519	.09442	-.10918	-.10614	-.13812	-.13352	-.14763	-.14776
2.007	6.022	-.00224	.09037	.10095	-.11489	-.11136	-.15716	-.15368	-.17574	-.17710
2.007	8.012	-.00198	.09585	.10606	-.11802	-.11399	-.16584	-.16292	-.19177	-.19268
2.007	10.025	-.00159	.09729	.10751	-.12439	-.12029	-.17300	-.17307	-.20367	-.20713
2.007	12.026	-.00125	.09787	.10859	-.11863	-.11549	-.17686	-.17348	-.21273	-.21704
2.007	14.013	-.00091	.09951	.10986	-.12214	-.11807	-.18463	-.17951	-.22309	-.22565
2.007	16.090	-.00051	.09789	.10943	-.11164	-.10987	-.17944	-.17778	-.22871	-.23298
2.007	18.137	-.00078	.09734	.10931	-.12572	-.12377	-.18427	-.18044	-.23353	-.23693
2.007	20.137	-.00252	.10152	.11228	-.13151	-.12950	-.18567	-.18314	-.23450	-.23833
2.007	21.114	-.00266	.10270	.11560	-.13395	-.13319	-.18766	-.18641	-.23435	-.23775
	GRADIENT	-.00012	.00226	.00270	-.00337	-.00393	-.00654	-.00701	-.00836	-.00911

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (LGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.274	-2.966	.28618	.05637	.06557	-.06058	-.05469	-.07604	-.06933	-.08030	-.07871
2.274	-1.869	.28614	.05623	.06674	-.06529	-.06060	-.08328	-.07741	-.08884	-.08808
2.274	.096	.28602	.06040	.07010	-.07162	-.06899	-.09298	-.09007	-.10069	-.10203
2.274	1.989	.28618	.06398	.07542	-.07712	-.07655	-.10182	-.10145	-.11167	-.11553
2.274	3.952	.28736	.06807	.07921	-.08423	-.08359	-.11401	-.11362	-.12643	-.13200
2.274	6.014	.28743	.06869	.08366	-.08760	-.08734	-.12248	-.12250	-.13619	-.14260
2.274	7.988	.28785	.07645	.08589	-.09051	-.09064	-.12919	-.13005	-.14804	-.15399
2.274	9.993	.28805	.07943	.08934	-.09481	-.09316	-.13385	-.13513	-.15612	-.16291
2.274	11.986	.28910	.08335	.09028	-.09515	-.09437	-.13931	-.13888	-.16286	-.17135
2.274	13.994	.29019	.08783	.09225	-.09359	-.09453	-.14377	-.14246	-.16947	-.17621
2.274	16.021	.29070	.08840	.09323	-.09318	-.09584	-.14340	-.14466	-.17382	-.18229
2.274	18.064	.29118	.09121	.09780	-.09901	-.10245	-.14486	-.14612	-.17571	-.18375
2.274	20.064	.28920	.09495	.10033	-.10595	-.10888	-.14914	-.15038	-.17826	-.18543
2.274	21.120	.28855	.09517	.10268	-.10928	-.11259	-.15200	-.15324	-.17898	-.18530
	GRADIENT	.00014	.00179	.00205	-.00333	-.00415	-.00533	-.00635	-.00649	-.00759

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74
2.493	-2.969	-.17938	.06708	.06669	-.03478	-.03114	-.05050	-.04586	-.05652	-.05616
2.493	-1.958	-.17932	.06787	.06881	-.03946	-.03577	-.05725	-.05259	-.06369	-.06245
2.493	.050	-.17997	.07266	.07412	-.04824	-.04486	-.06895	-.06427	-.07669	-.07628
2.493	1.994	-.18036	.07550	.07744	-.05717	-.05281	-.07992	-.07521	-.08810	-.08852
2.493	4.013	-.18012	.07701	.08199	-.06435	-.06034	-.09174	-.08701	-.10250	-.10289
2.493	5.968	-.18084	.07729	.08572	-.06930	-.06564	-.09919	-.09573	-.11081	-.11205
2.493	7.942	-.18100	.08036	.08713	-.07444	-.07028	-.10642	-.10390	-.12019	-.12268
2.493	9.972	-.18132	.08136	.08947	-.07824	-.07318	-.11190	-.10884	-.12567	-.13030
2.493	11.944	-.18052	.08244	.09098	-.07940	-.07647	-.11736	-.11300	-.13200	-.13577
2.493	13.985	-.18054	.08364	.09477	-.07941	-.07692	-.12037	-.11686	-.13585	-.13918
2.493	15.967	-.18024	.08503	.09577	-.08272	-.07889	-.12189	-.11881	-.13866	-.14198
2.493	18.022	-.18052	.08806	.10063	-.08660	-.08315	-.12356	-.12048	-.14033	-.14322
2.493	20.052	-.18146	.08886	.10227	-.09202	-.08936	-.12722	-.12456	-.14185	-.14517
2.493	21.038	-.18221	.08779	.10419	-.09660	-.09344	-.12958	-.12777	-.14292	-.14580
	GRADIENT	-.00014	.00153	.00219	-.00428	-.00420	-.00586	-.00584	-.00649	-.00668

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (MGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.007	-2.855	-.00118	-.12455	-.12147	-.11274	-.11181	-.16374	-.15736	-.13096	-.12367
2.007	-1.967	-.00160	-.13219	-.12816	-.12212	-.12065	-.16352	-.15712	-.13635	-.12912
2.007	.058	-.00230	-.14236	-.13864	-.13668	-.13676	-.15890	-.15593	-.15502	-.15068
2.007	2.037	-.00240	-.16082	-.15854	-.15776	-.16103	-.15552	-.15163	-.17579	-.16695
2.007	4.059	-.00198	-.16849	-.16394	-.17024	-.17120	-.15056	-.14835	-.17947	-.17462
2.007	6.022	-.00224	-.17310	-.16977	-.18054	-.18223	-.15511	-.15734	-.19091	-.18842
2.007	8.012	-.00198	-.17403	-.17112	-.18891	-.19264	-.15473	-.15608	-.19656	-.19548
2.007	10.025	-.00159	-.18345	-.17954	-.19920	-.20453	-.15884	-.15675	-.20368	-.19964
2.007	12.026	-.00125	-.18386	-.17865	-.20532	-.20798	-.15752	-.16284	-.21186	-.20882
2.007	14.013	-.00091	-.18211	-.17822	-.20663	-.21056	-.15278	-.15672	-.21185	-.20970
2.007	16.090	-.00051	-.17860	-.17519	-.20706	-.21229	-.16570	-.17160	-.21056	-.21057
2.007	18.137	-.00078	-.18042	-.17699	-.20757	-.21235	-.17526	-.17911	-.21494	-.21414
2.007	20.137	-.00252	-.18623	-.18055	-.20987	-.21333	-.18184	-.18973	-.22022	-.22038
2.007	21.114	-.00266	-.18912	-.18468	-.21015	-.21446	-.18727	-.19569	-.22222	-.22198
	GRADIENT	-.00012	-.00651	-.00645	-.00842	-.00890	.00195	.00135	-.00763	-.00781

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.274	-2.966	.28618	-.09734	-.09362	-.08998	-.09012	-.13452	-.13325	-.10939	-.10772
2.274	-1.869	.28614	-.10299	-.10132	-.09649	-.09911	-.13803	-.13680	-.11669	-.11556
2.274	.096	.28602	-.11371	-.11186	-.10850	-.11268	-.14178	-.14106	-.13024	-.12890
2.274	1.989	.28618	-.12311	-.12154	-.12050	-.12494	-.14163	-.14047	-.14120	-.14003
2.274	3.952	.28736	-.13415	-.13158	-.13502	-.13928	-.13158	-.13329	-.15295	-.15240
2.274	6.014	.28743	-.13927	-.13618	-.14231	-.14733	-.12549	-.12929	-.15671	-.15708
2.274	7.988	.28785	-.14260	-.13903	-.15041	-.15532	-.12578	-.12914	-.15998	-.16127
2.274	9.993	.28805	-.14645	-.14026	-.15556	-.16040	-.12915	-.12865	-.16504	-.16338
2.274	11.986	.28910	-.14808	-.14229	-.16024	-.16329	-.12734	-.13029	-.16836	-.16718
2.274	13.994	.29019	-.14739	-.14289	-.16301	-.16733	-.12666	-.13003	-.17023	-.16909
2.274	16.021	.29070	-.14484	-.14081	-.16439	-.16825	-.13312	-.13746	-.16861	-.16873
2.274	18.064	.29118	-.14633	-.14227	-.16414	-.16842	-.14099	-.14416	-.17135	-.17109
2.274	20.064	.28920	-.15239	-.14782	-.16585	-.17013	-.14739	-.15326	-.17517	-.17584
2.274	21.120	.28855	-.15529	-.15110	-.16659	-.17041	-.15153	-.15964	-.17633	-.17701
	GRADIENT	.00014	-.00530	-.00541	-.00646	-.00700	.00022	-.00013	-.00630	-.00642

0A234 LERC 10SWT 42 LHF0.2A RHFN.1S (MGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP75	CP76	CP77	CP78	CP79	CP80	CP81	CP82
2.493	-2.969	-.17938	-.07532	-.07119	-.07009	-.06858	-.11413	-.10890	-.09309	-.08666
2.493	-1.958	-.17932	-.08080	-.07574	-.07602	-.07486	-.11603	-.11172	-.09803	-.09256
2.493	.050	-.17997	-.09139	-.08616	-.08791	-.08788	-.12049	-.11582	-.10890	-.10317
2.493	1.994	-.18036	-.10165	-.09453	-.09903	-.09842	-.12287	-.11954	-.11815	-.11474
2.493	4.013	-.18012	-.11189	-.10418	-.11102	-.11024	-.11964	-.11669	-.12908	-.12498
2.493	5.968	-.18084	-.11683	-.10947	-.11726	-.11769	-.11376	-.11203	-.13351	-.12991
2.493	7.942	-.18100	-.12109	-.11367	-.12371	-.12535	-.11367	-.10888	-.13642	-.13374
2.493	9.972	-.18132	-.12492	-.11485	-.12753	-.12954	-.11313	-.10790	-.13889	-.13495
2.493	11.944	-.18052	-.12696	-.11644	-.13045	-.13200	-.11171	-.10907	-.14135	-.13744
2.493	13.985	-.18054	-.12607	-.11729	-.13174	-.13413	-.11128	-.10819	-.14176	-.13785
2.493	15.967	-.18024	-.12588	-.11667	-.13286	-.13522	-.11581	-.11367	-.14112	-.13809
2.493	18.022	-.18052	-.12715	-.11748	-.13413	-.13517	-.12134	-.11930	-.14193	-.13980
2.493	20.052	-.18146	-.13085	-.12155	-.13521	-.13626	-.12756	-.12648	-.14431	-.14219
2.493	21.038	-.18221	-.13324	-.12434	-.13586	-.13646	-.13206	-.13149	-.14580	-.14327
	GRADIENT	-.00014	-.00524	-.00473	-.00585	-.00596	-.00096	-.00126	-.00514	-.00551

0A234 LERC 10SWT 42 LHF0.2A RHFN.1S (NGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.007	-2.855	-.00118	-.09524	-.08740	.44507	.44662	.30090	.30611	-.00286	.00133
2.007	-1.967	-.00160	-.10332	-.09582	.45682	.45942	.31785	.32416	.00725	.01161
2.007	.058	-.00230	-.12618	-.12226	.48509	.48343	.35735	.36408	.03254	.03725
2.007	2.037	-.00240	-.15294	-.14431	.50948	.51461	.39248	.40157	.05974	.06343
2.007	4.059	-.00198	-.16674	-.15962	.53627	.54113	.43390	.43895	.08764	.09602
2.007	6.022	-.00224	-.18448	-.18098	.55743	.56589	.47193	.48159	.12057	.12713
2.007	8.012	-.00198	-.19942	-.19613	.58008	.58779	.51056	.52221	.15452	.16494
2.007	10.025	-.00159	-.21190	-.20972	.59954	.60996	.54989	.56048	.19088	.20298
2.007	12.026	-.00125	-.22723	-.22351	.61806	.62915	.58869	.59962	.23121	.24073
2.007	14.013	-.00091	-.23423	-.22996	.63379	.64900	.62947	.64032	.27208	.28640
2.007	16.090	-.00051	-.24167	-.23945	.64918	.66420	.66776	.67938	.32101	.32995
2.007	18.137	-.00078	-.24436	-.24254	.66194	.68352	.70556	.72127	.37006	.37593
2.007	20.137	-.00252	-.24579	-.24308	.67645	.70345	.74600	.76547	.42214	.42372
2.007	21.114	-.00266	-.24608	-.24465	.68351	.71475	.76692	.78850	.44678	.45062
	GRADIENT	-.00012	-.01080	-.01079	.01317	.01367	.01910	.01921	.01313	.01358

OA234 LERC 10SWT 42 LHF0.2A RHFN.1S (NGY014) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.274	-2.966	.28618	-.08436	-.08084	.42512	.43132	.28399	.29148	-.01053	-.00137
2.274	1.869	.28614	-.09129	-.09022	.43766	.44483	.30223	.31078	.00030	.01049
2.274	.096	.28602	-.10763	-.10716	.46110	.47234	.33577	.34766	.02150	.03111
2.274	1.989	.28618	-.12137	-.12197	.48224	.49957	.37016	.38616	.04560	.05420
2.274	3.952	.28736	-.13937	-.13970	.50649	.5[illegible]37	.40637	.42459	.07320	.08094
2.274	6.014	.28743	-.14926	-.15115	.52957	.55544	.44524	.46705	.10591	.11311
2.274	7.988	.28785	-.16040	-.16169	.55385	.58073	.48495	.50791	.13674	.14475
2.274	9.993	.28805	-.16772	-.16974	.57252	.60641	.52375	.55043	.17220	.17889
2.274	11.986	.28910	-.17500	-.17563	.59179	.62665	.56142	.59006	.20988	.21526
2.274	13.994	.29019	-.17994	-.17963	.60727	.64707	.60085	.62985	.24981	.25350
2.274	16.021	.29070	-.18481	-.18314	.62629	.66439	.64042	.66869	.29459	.29566
2.274	18.064	.29118	-.18630	-.18289	.63935	.68010	.67960	.70807	.34103	.34254
2.274	20.064	.28920	-.18800	-.18372	.64882	.69274	.71430	.74479	.38870	.39158
2.274	21.120	.28855	-.18831	-.18402	.65478	.69991	.73356	.76572	.41768	.41986
	GRADIENT	.00014	-.00794	-.00845	.01172	.01386	.01770	.01934	.01208	.01181

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90
2.493	-2.969	-.17938	-.06921	-.06260	.43609	.42935	.29688	.29227	.00052	.00617
2.493	-1.958	-.17932	-.07602	-.07017	.44912	.44345	.31271	.31051	.00999	.01404
2.493	.050	-.17997	-.08922	-.08444	.47715	.47137	.34959	.34825	.03059	.03451
2.493	1.994	-.18036	-.10252	-.09754	.50076	.49518	.38389	.38332	.05188	.05829
2.493	4.013	-.18012	-.11712	-.11277	.52677	.52476	.42450	.42640	.08045	.08634
2.493	5.968	-.18084	-.12511	-.12235	.54977	.54827	.46169	.46426	.10949	.11530
2.493	7.942	-.18100	-.13331	-.13127	.56999	.57307	.49867	.50336	.14133	.14540
2.493	9.972	-.18132	-.13844	-.13588	.59082	.59459	.53710	.54306	.17712	.17993
2.493	11.944	-.18052	-.14355	-.14092	.60894	.61619	.57626	.58198	.21392	.21539
2.493	13.985	-.18054	-.14570	-.14433	.62621	.63692	.61461	.62394	.25585	.25688
2.493	15.967	-.18024	-.14856	-.14713	.64326	.65246	.65400	.66240	.29538	.29689
2.493	18.022	-.18052	-.14940	-.14837	.65652	.67166	.69261	.70149	.34431	.34559
2.493	20.052	-.18146	-.15005	-.14946	.66722	.68781	.72999	.74100	.39300	.39505
2.493	21.038	-.18221	-.15069	-.15010	.67256	.69479	.74824	.76007	.41640	.41988
	GRADIENT	-.00014	-.00683	-.00712	.01300	.01353	.01827	.01907	.01132	.01150

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (OGY014) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 52/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.007	-2.855	-.00118	-.00335	.62816	.10740	.26594	.00701
2.007	-1.967	-.00160	.00637	.60274	.12289	.28635	.01772
2.007	.058	-.00230	.03042	.54811	.15984	.33492	.04380
2.007	2.037	-.00240	.05593	.49221	.19691	.38255	.07259
2.007	4.059	-.00198	.08772	.43951	.23822	.43174	.10431
2.007	6.022	-.00224	.12027	.38946	.28100	.48532	.13716
2.007	8.012	-.00198	.15612	.34093	.32741	.53819	.17584
2.007	10.025	-.00159	.19464	.29269	.37536	.59522	.21561
2.007	12.026	-.00125	.23806	.24977	.42707	.65348	.25990
2.007	14.013	-.00091	.28302	.20995	.48176	.71369	.30731
2.007	16.090	-.00051	.33006	.16736	.53957	.77707	.35781
2.007	18.137	-.00078	.37926	.13229	.59889	.84037	.40986
2.007	20.137	-.00252	.42968	.10454	.66092	.90587	.46546
2.007	21.114	-.00266	.45609	.09191	.69261	.93942	.49280
	GRADIENT	-.00012	.01306	-.02733	.01886	.02401	.01404

RUN NO. 53/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.274	-2.966	.28618	-.00602	.61193	.09622	.25116	-.00093
2.274	-1.869	.28614	.00272	.57698	.11171	.27190	.01049
2.274	.096	.28602	.02437	.52143	.14411	.31481	.03458
2.274	1.989	.28618	.04851	.46812	.17970	.36075	.06113
2.274	3.952	.28736	.07621	.41921	.21812	.40509	.09047
2.274	6.014	.28743	.10847	.36948	.26064	.45979	.12610
2.274	7.988	.28785	.13940	.32493	.30729	.51362	.15860
2.274	9.993	.28805	.17368	.28123	.35426	.56910	.19791
2.274	11.986	.28910	.21170	.24109	.40478	.62688	.23556
2.274	13.994	.29019	.24977	.20535	.45672	.68641	.27812
2.274	16.021	.29070	.29358	.16839	.51533	.74919	.32374
2.274	18.064	.29118	.34051	.13569	.57028	.81451	.37319
2.274	20.064	.28920	.38927	.10350	.62905	.87827	.42437
2.274	21.120	.28855	.41812	.08747	.66117	.91473	.45048
	GRADIENT	.00014	.01196	-.02786	.01769	.02248	.01325

OA234 LERC 10SWT 42 LHFO.2A RHFN.1S (OGY014) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .039 PHI = .000
Q(PSF) = 500.000

RUN NO. 54/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP91	CP92	CP93	CP94	CP95
2.493	-2.969	-.17938	.00243	.60844	.10541	.25693	.01009
2.493	-1.958	-.17932	.01233	.58041	.12007	.27798	.02013
2.493	.050	-.17997	.03299	.52698	.15284	.32210	.04366
2.493	1.994	-.18036	.05433	.47713	.18618	.36628	.06699
2.493	4.013	-.18012	.08163	.42321	.22808	.42020	.09766
2.493	5.968	-.18084	.11030	.37877	.26780	.46813	.12703
2.493	7.942	-.18100	.13883	.33242	.31045	.52187	.16018
2.493	9.972	-.18132	.17508	.28835	.35712	.57578	.19645
2.493	11.944	-.18052	.20932	.24829	.40515	.63302	.23495
2.493	13.985	-.18054	.25132	.21290	.45770	.69198	.27815
2.493	15.967	-.18024	.29091	.17517	.51271	.75197	.31988
2.493	18.022	-.18052	.34035	.14342	.56784	.81594	.37161
2.493	20.052	-.18146	.39084	.11119	.62811	.87751	.42280
2.493	21.038	-.18221	.41556	.09552	.65760	.90952	.44936
	GRADIENT	-.00014	.01123	-.02643	.01746	.02322	.01245

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-2.926	.11099	497.45239	2.32197	176.31221	1396.03979	1.65859	574.27661	90.00000
2.008	-2.007	.11021	497.38574	2.32197	176.29114	1395.83862	1.65859	574.44067	90.00000
2.008	-1.017	.10991	497.41284	2.32197	176.30257	1395.90969	1.65859	574.60474	90.00000
2.008	-.008	.10984	497.60596	2.32197	176.36116	1396.49390	1.65860	573.94849	90.00000
2.008	1.008	.11030	497.54468	2.32197	176.35379	1396.25757	1.65858	575.09717	90.00000
2.008	1.972	.11137	497.26294	2.32197	176.25745	1395.45068	1.65858	575.15186	90.00000
2.008	2.925	.11167	497.52686	2.32197	176.34900	1396.20190	1.65858	575.20654	90.00000
2.008	4.929	.11248	497.36401	2.32197	176.29568	1395.72510	1.65858	575.42529	90.00000
	GRADIENT	.00026	-.00593	.00000	-.00008	-.02564	-.00000	.16266	.00000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.930	.11588	502.23096	2.40654	138.68912	1666.30933	1.69661	581.21704	90.00000
2.275	-2.007	.11545	503.22119	2.40654	138.95874	1669.62988	1.69661	581.65356	90.00000
2.274	-1.064	.11510	503.04102	2.40654	138.91278	1668.99878	1.69661	581.87207	90.00000
2.275	.008	.11452	502.57031	2.40654	138.77335	1667.52295	1.69661	580.56201	90.00000
2.274	.960	.11498	503.00073	2.40654	138.90556	1668.81641	1.69660	582.30859	90.00000
2.274	1.976	.11525	503.19067	2.40654	138.97793	1669.45752	1.69660	582.36328	90.00000
2.274	2.889	.11536	502.99194	2.40654	138.90701	1668.76221	1.69660	582.58154	90.00000
2.274	4.830	.11573	503.11890	2.40654	138.94205	1669.18311	1.69660	582.69067	90.00000
	GRADIENT	.00000	.06440	.00000	.01932	.19924	-.00000	.20161	.00000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.494	-2.918	.11395	500.52197	2.49111	114.92737	1946.34229	1.70540	583.89087	90.00000
2.494	-1.932	.11360	500.12793	2.49111	114.84052	1944.75220	1.70675	584.05444	90.00000
2.494	-.958	.11352	499.53735	2.49111	114.71014	1942.37451	1.70876	584.27271	90.00000
2.494	-.023	.11435	501.05957	2.49111	115.04431	1948.53857	1.70357	583.45459	90.00000
2.494	.952	.11441	500.28589	2.49111	114.87985	1945.31836	1.70621	584.59985	90.00000
2.494	1.964	.11460	500.20264	2.49111	114.86209	1944.97388	1.70649	584.70898	90.00000
2.494	2.945	.11475	500.33154	2.49111	114.89172	1945.47388	1.70605	584.91812	90.00000
2.494	4.957	.11573	500.50073	2.49111	114.93193	1946.11255	1.70547	585.14526	90.00000
	GRADIENT	.00025	.02448	.00000	.00673	.07770	-.00008	.17016	.00000

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.659	-2.930	.09721	435.21729	2.27774	87.96907	1921.41309	1.73358	581.70801	90.00000
2.659	-1.968	.09685	435.26709	2.27774	87.97797	1921.66064	1.73358	581.70776	90.00000
2.659	-.947	.09670	435.26587	2.27774	87.97203	1921.78564	1.73359	581.48950	90.00000
2.659	-.012	.09682	435.30225	2.27774	87.98563	1921.80225	1.73358	581.76245	90.00000
2.658	.952	.09691	435.16919	2.27774	87.96327	1921.11060	1.73357	581.81714	90.00000
2.659	1.988	.09704	435.25342	2.27774	87.96983	1921.72314	1.73359	581.48950	90.00000
2.659	2.953	.09692	435.21997	2.27774	87.96533	1921.52222	1.73358	581.54419	90.00000
2.659	4.945	.09753	435.26050	2.27774	87.97684	1921.62671	1.73358	581.70801	90.00000
	GRADIENT	.00005	-.00068	.00000	-.00029	.00059	.00000	-.00694	-.00000

0A234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (PGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.008	-2.926	.11099	1.64885	1.61437	1.48126	1.27153	1.04485	.82058	1.60522	1.56014
2.008	-2.007	.11021	1.64811	1.61434	1.48037	1.27021	1.04353	.82014	1.59582	1.56922
2.008	-1.017	.10991	1.64983	1.61549	1.48152	1.27093	1.04383	.82173	1.58675	1.58079
2.008	-.008	.10984	1.64874	1.61442	1.48021	1.27013	1.04156	.82037	1.57531	1.58970
2.008	1.008	.11030	1.64801	1.61353	1.47975	1.26922	1.04064	.82031	1.56379	1.60009
2.008	1.972	.11137	1.64435	1.60998	1.47670	1.26735	1.03824	.81915	1.54971	1.60825
2.008	2.925	.11167	1.63979	1.60600	1.47321	1.26439	1.03539	.81726	1.53524	1.61337
2.008	4.929	.11248	1.62788	1.59345	1.46077	1.25449	1.02647	.81170	1.50212	1.62295
	GRADIENT	.00026	-.00243	-.00243	-.00230	-.00189	-.00217	-.00101	-.01294	.00827

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.274	-2.930	.11588	1.66262	1.62285	1.47735	1.25298	1.01565	.79532	1.61513	1.56616
2.275	-2.007	.11545	1.66418	1.62407	1.47883	1.25357	1.01495	.79586	1.60652	1.57606
2.274	-1.064	.11510	1.66350	1.62451	1.47855	1.25426	1.01616	.79976	1.58232	1.59867
2.275	.008	.11452	1.66318	1.62443	1.47700	1.25379	1.01574	.79959	1.57116	1.60617
2.274	.960	.11496	1.66046	1.62204	1.47463	1.25236	1.01458	.80019	1.55466	1.61517
2.274	1.976	.11525	1.65632	1.61860	1.47327	1.25136	1.01350	.80075	1.54290	1.62114
2.274	2.889	.11536	1.65359	1.61599	1.46509	1.24709	1.00972	.79745	1.51182	1.63265
2.274	4.830	.11573	1.64212	1.60606	-.00151	-.00070	-.00063	.00047	-.01336	.00869
	GRADIENT	.00000	-.00261	-.00212						

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (PGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.494	-2.918	.11395	1.71389	1.67684	1.52881	1.29761	1.05186	.82684	1.66622	1.61605
2.494	-1.932	.11360	1.71419	1.67727	1.52987	1.29811	1.05162	.82694	1.65490	1.62724
2.494	-.958	.11352	1.71453	1.67900	1.53228	1.30066	1.05299	.82845	1.64698	1.63927
2.494	-.023	.11435	1.71350	1.67879	1.53205	1.30066	1.05197	.82894	1.63585	1.64994
2.494	.952	.11441	1.71339	1.67705	1.53038	1.29908	1.04856	.82609	1.62230	1.65937
2.494	1.964	.11460	1.70812	1.67262	1.52636	1.29545	1.04619	.82540	1.60670	1.66572
2.494	2.945	.11475	1.70293	1.66700	1.52141	1.29108	1.04128	.82232	1.58953	1.67088
2.494	4.957	.11573	1.68712	1.65053	1.50578	1.27928	1.03200	.81600	1.55178	1.67856
	GRADIENT	.00025	-.00314	-.00308	-.00270	-.00219	-.00251	-.00133	-.01434	.00815

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.659	-2.930	.09721	1.71137	1.67392	1.52232	1.28685	1.03783	.81327	1.66292	1.61151
2.659	-1.968	.09685	1.71545	1.67828	1.52646	1.28952	1.03836	.81434	1.65811	1.62628
2.659	-.947	.09670	1.71785	1.67970	1.52910	1.29168	1.03726	.81323	1.64667	1.63958
2.659	-.012	.09682	1.71442	1.67769	1.52587	1.28943	1.03580	.81376	1.63234	1.64847
2.658	.952	.09691	1.71130	1.67384	1.52325	1.28729	1.03433	.81275	1.61883	1.65601
2.659	1.988	.09704	1.70651	1.66905	1.51947	1.28299	1.03065	.81060	1.60268	1.66211
2.659	2.953	.09692	1.70212	1.66439	1.51457	1.28062	1.02700	.80795	1.58691	1.66934
2.659	4.945	.09753	1.68801	1.65074	1.50267	1.27067	1.01785	.80177	1.55103	1.67798
	GRADIENT	.00005	-.00315	-.00314	-.00270	-.00219	-.00252	-.00143	-.01450	.00829

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (QGY002) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.008	-2.926	.11099	1.37464	1.25250	1.32515	1.25854	1.13209	1.06034
2.008	-2.007	.11021	1.35339	1.27717	1.31386	1.27021	1.11909	1.07372
2.008	-1.017	.10991	1.32855	1.30361	1.30115	1.28393	1.10552	1.08940
2.008	-.008	.10984	1.30131	1.32853	1.28670	1.29568	1.08963	1.10184
2.008	1.008	.11030	1.27398	1.35507	1.27237	1.30819	1.07400	1.11673
2.008	1.972	.11137	1.24612	1.38068	1.25616	1.32108	1.05686	1.13188
2.008	2.925	.11167	1.21936	1.40041	1.24151	1.32893	1.04102	1.14175
2.008	4.929	.11248	1.15921	1.44678	1.20452	1.34634	1.00205	1.16515
	GRADIENT	.00026	-.02746	.02484	-.01523	.01141	-.01642	.01350

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (QGY002) (02 MAY 80)

REFERENCE DATA

PARAMETRIC DATA

SCALE = .1000

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.274	-2.930	.11588	1.37437	1.24043	1.31332	1.24098	1.11194	1.03286
2.275	-2.007	.11545	1.35118	1.26499	1.30181	1.25271	1.09908	1.04583
2.274	-1.064	.11510	1.32512	1.29155	1.28964	1.26730	1.08492	1.06248
2.275	.008	.11452	1.29327	1.32118	1.27297	1.28255	1.06785	1.08116
2.274	.960	.11498	1.26921	1.34500	1.26070	1.29405	1.05472	1.09504
2.274	1.976	.11525	1.23695	1.37133	1.24364	1.30759	1.03711	1.11122
2.274	2.889	.11536	1.21196	1.39497	1.23021	1.31860	1.02320	1.12493
2.274	4.830	.11573	1.15463	1.44003	1.19811	1.34001	.98777	1.15046
	GRADIENT	.00000	-.02843	.02592	-.01485	.01294	-.01588	.01545

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.494	-2.918	.11395	1.40995	1.27253	1.35753	1.28341	1.15047	1.06722
2.494	-1.932	.11360	1.38166	1.29971	1.34491	1.29811	1.13454	1.08267
2.494	-.958	.11352	1.35714	1.32876	1.33328	1.31359	1.12007	1.10066
2.494	-.023	.11435	1.32989	1.35466	1.31899	1.32731	1.10511	1.11611
2.494	.952	.11441	1.30037	1.38069	1.30258	1.33912	1.08561	1.12976
2.494	1.964	.11460	1.27048	1.40634	1.28517	1.35015	1.06861	1.14463
2.494	2.945	.11475	1.23945	1.42879	1.26681	1.35908	1.04933	1.15561
2.494	4.957	.11573	1.17642	1.47613	1.22787	1.37657	1.00866	1.17888
	GRADIENT	.00025	-.02961	.02598	-.01648	.01193	-.01794	.01434

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.659	-2.930	.09721	1.40308	1.26250	1.35008	1.27251	1.13852	1.05228
2.659	-1.968	.09685	1.37953	1.29200	1.33916	1.28902	1.12488	1.07049
2.659	-.947	.09670	1.34905	1.32211	1.32373	1.30553	1.10730	1.08774
2.659	-.012	.09682	1.32009	1.34681	1.30839	1.31761	1.09019	1.10150
2.658	.952	.09691	1.29372	1.37389	1.29310	1.32834	1.07472	1.11672
2.659	1.988	.09704	1.26222	1.39886	1.27552	1.33888	1.05458	1.12988
2.659	2.953	.09692	1.23117	1.42462	1.25652	1.35083	1.03544	1.14325
2.659	4.945	.09753	1.16783	1.46939	1.21916	1.36610	.99533	1.16580
	GRADIENT							

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-4.849	.11296	497.60034	2.40367	176.22035	1397.09668	1.65874	562.38037	270.00000
2.009	-2.920	.11111	497.80371	2.40367	176.28513	1397.69873	1.65874	561.94092	270.00000
2.009	-1.892	.11021	497.60229	2.40367	176.21187	1397.14429	1.65874	561.61108	270.00000
2.009	-.959	.10980	497.60767	2.40367	176.21169	1397.16797	1.65875	561.44604	270.00000
2.009	.021	.10984	497.82886	2.40367	176.25150	1397.96118	1.65878	558.36670	270.00000
2.009	1.021	.10914	497.69189	2.40367	176.22963	1397.45679	1.65876	560.51147	270.00000
2.009	1.990	.10929	497.80762	2.40367	176.26123	1397.82373	1.65877	559.79687	270.00000
2.009	3.002	.11020	497.60645	2.40367	176.18536	1397.27881	1.65877	559.24683	270.00000
	GRADIENT	-.00038	.00735	-.00000	-.00260	.04381	.00000	-.43368	-.00000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-4.893	.11367	502.91943	2.47701	138.76941	1669.62451	1.69672	571.04712	270.00000
2.275	-3.094	.11174	502.52368	2.47701	138.66171	1668.29517	1.69672	570.88257	270.00000
2.275	-1.888	.11093	502.72778	2.47701	138.71527	1668.99951	1.69672	570.77319	270.00000
2.275	-.983	.11079	502.69580	2.47701	138.70221	1668.93335	1.69672	570.33472	270.00000
2.276	.104	.11027	502.80200	2.47701	138.71106	1669.47803	1.69674	568.41699	270.00000
2.275	.998	.11058	502.67871	2.47701	138.69099	1668.93726	1.69673	569.67773	270.00000
2.276	2.006	.11056	502.64087	2.47701	138.67580	1668.85596	1.69674	569.18433	270.00000
2.276	3.017	.11036	502.79810	2.47701	138.71567	1669.40894	1.69673	568.96509	270.00000
	GRADIENT	-.00036	-.00606	.00000	-.00479	.00889	.00000	-.31012	.00000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-4.900	.11864	500.53223	2.55506	114.86765	1947.37451	1.70481	575.42505	270.00000
2.495	-2.932	.11741	500.43164	2.55506	114.84404	1946.99341	1.70515	575.26123	270.00000
2.495	-1.981	.11701	500.58374	2.55506	114.87401	1947.66284	1.70463	574.71436	270.00000
2.495	-1.165	.11684	500.57300	2.55506	114.87006	1947.64502	1.70467	574.49536	270.00000
2.495	.049	.11631	500.79907	2.55506	114.90962	1948.71729	1.70390	572.96338	270.00000
2.495	.966	.11697	500.27832	2.55506	114.79901	1946.55249	1.70567	573.78394	270.00000
2.495	2.029	.11714	500.61450	2.55506	114.87151	1947.93237	1.70453	573.40112	270.00000
2.495	3.092	.11707	500.63647	2.55506	114.87518	1948.03857	1.70445	573.23682	270.00000
	GRADIENT	-.00016	.01044	.00000	.00005	.07760	-.00004	-.31727	.00000

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-4.885	.10361	434.15552	2.32114	87.55310	1921.35791	1.73382	573.07227	270.00000
2.662	-2.952	.10256	434.15039	2.32114	87.54636	1921.46655	1.73382	572.85352	270.00000
2.661	-1.940	.10219	434.05444	2.32114	87.53818	1920.78711	1.73380	573.18188	270.00000
2.662	-.999	.10182	434.05078	2.32114	87.52434	1921.07129	1.73382	572.68921	270.00000
2.662	.104	.10107	434.10205	2.32114	87.52899	1921.43164	1.73383	572.52515	270.00000
2.662	.978	.10147	434.28564	2.32114	87.56728	1922.21362	1.73383	572.74390	270.00000
2.662	1.982	.10155	433.99292	2.32114	87.51698	1920.71582	1.73382	572.79858	270.00000
2.662	3.092	.10158	434.10889	2.32114	87.53458	1921.36035	1.73382	572.68921	270.00000
	GRADIENT	-.00026	-.00463	-.00000	-.00216	.00788	.00000	-.05004	-.00000

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (PGY003) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.008	-4.849	.11296	1.63853	1.60168	1.46573	1.25628	1.03211	.80869	1.61691	1.52620
2.009	-2.920	.11111	1.64603	1.61052	1.47420	1.26269	1.03662	.81407	1.60368	1.55412
2.009	-1.892	.11021	1.64766	1.61185	1.47603	1.26482	1.03821	.81602	1.59491	1.56672
2.009	-.959	.10980	1.64898	1.61492	1.47910	1.26834	1.03958	.81784	1.58630	1.57890
2.009	.021	.10984	1.64497	1.61047	1.47512	1.26441	1.03527	.81532	1.57279	1.58444
2.009	1.021	.10914	1.64860	1.61339	1.47891	1.26820	1.03863	.81824	1.56560	1.59777
2.009	1.990	.10929	1.64563	1.61112	1.47647	1.26659	1.03636	.81726	1.55399	1.60635
2.009	3.002	.11020	1.64470	1.61091	1.47637	1.26600	1.03547	.81672	1.54137	1.61568
	GRADIENT	-.00038	.00055	.00087	.00112	.00113	.00028	.00092	-.00976	.01116

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.275	-4.893	.11367	1.67273	1.63703	1.49721	1.27840	1.04498	.81955	1.65092	1.55631
2.275	-3.094	.11174	1.68045	1.64518	1.50385	1.28362	1.04773	.82521	1.63850	1.58504
2.275	-1.888	.11093	1.68383	1.64830	1.50554	1.28362	1.04714	.82597	1.62820	1.60063
2.275	-.983	.11079	1.68427	1.64859	1.50570	1.28334	1.04551	.82512	1.61793	1.61164
2.276	.104	.11027	1.68532	1.64937	1.50578	1.28218	1.04274	.82332	1.60616	1.62360
2.275	.998	.11058	1.68364	1.64639	1.50220	1.27812	1.03887	.82115	1.59334	1.63179
2.276	2.006	.11056	1.68047	1.64307	1.49843	1.27432	1.03419	.81774	1.57863	1.63921
2.276	3.017	.11036	1.67495	1.63698	1.49213	1.26859	1.02749	.81241	1.56242	1.64428
	GRADIENT	-.00036	.00032	-.00001	-.00065	-.00133	-.00227	-.00101	-.01127	.01111

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (PGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-4.900	.11864	1.70070	1.65954	1.50726	1.27492	1.03158	.80685	1.67319	1.57801
2.495	-2.932	.11741	1.70876	1.66864	1.51774	1.28359	1.03682	.81338	1.65889	1.60825
2.495	-1.991	.11701	1.71110	1.67144	1.52048	1.28560	1.03802	.81548	1.65050	1.62098
2.495	-1.165	.11684	1.71283	1.67258	1.52091	1.28601	1.03773	.81600	1.64233	1.63246
2.495	.049	.11631	1.71513	1.67665	1.52474	1.28908	1.03883	.81728	1.63266	1.64820
2.495	.966	.11697	1.71397	1.67444	1.52282	1.28782	1.03734	.81731	1.62069	1.65761
2.495	2.029	.11714	1.71145	1.67207	1.52067	1.28620	1.03515	.81605	1.60657	1.66775
2.495	3.092	.11707	1.70797	1.66830	1.51659	1.28297	1.03198	.81465	1.58934	1.67606
	GRADIENT	-.00016	.00092	.00111	.00112	.00097	.00000	.00089	-.01034	.01230

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.662	-4.885	.10361	1.70879	1.66819	1.51343	1.27514	1.02637	.80069	1.67854	1.58475
2.662	-2.952	.10256	1.72086	1.68054	1.52550	1.28570	1.03361	.80838	1.66977	1.61893
2.661	-1.940	.10219	1.72331	1.68322	1.52770	1.28743	1.03387	.81015	1.66081	1.63304
2.662	-.999	.10182	1.72369	1.68459	1.52955	1.28925	1.03467	.81191	1.65076	1.64385
2.662	.104	.10107	1.71997	1.68114	1.52709	1.28826	1.03416	.81239	1.63564	1.65282
2.662	.978	.10147	1.72064	1.68107	1.52660	1.28643	1.03248	.81132	1.62445	1.66219
2.662	1.982	.10155	1.71544	1.67560	1.52175	1.28390	1.02895	.80959	1.60875	1.67063
2.662	3.092	.10158	1.70530	1.66639	1.51311	1.27628	1.02350	.80573	1.58521	1.67434
	GRADIENT	-.00026	-.00050	-.00032	-.00010	.00011	-.00041	.00061	-.01176	.01106

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (QGY003) (05 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.008	-4.849	.11296	1.42452	1.18724	1.34235	1.21511	1.15227	1.03211
2.009	-2.920	.11111	1.37796	1.24388	1.32214	1.24839	1.12928	1.03662
2.009	-1.892	.11021	1.35197	1.27347	1.31036	1.26482	1.11486	1.03821
2.009	-.959	.10980	1.32817	1.29820	1.29959	1.28004	1.10193	1.03958
2.009	.021	.10984	1.30082	1.32023	1.28395	1.28825	1.08548	1.03527
2.009	1.021	.10914	1.27816	1.34935	1.27344	1.30417	1.07410	1.03863
2.009	1.990	.10929	1.25186	1.37237	1.26033	1.31515	1.05861	1.03636
2.009	3.002	.11020	1.22308	1.39733	1.24567	1.32757	1.04236	1.03547
	GRADIENT	-.00038	-.02561	.02658	-.01240	.01409	-.01408	.00028

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (QGY003) (05 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.275	-4.893	.11367	1.44314	1.19789	1.36661	1.23509	1.16906	1.04498
2.275	-3.094	.11174	1.39865	1.25301	1.34675	1.26517	1.14633	1.04773
2.275	-1.888	.11093	1.36644	1.28774	1.32978	1.28276	1.12662	1.04714
2.275	-.983	.11079	1.34256	1.31254	1.31622	1.29535	1.11090	1.04551
2.276	.104	.11027	1.31221	1.34242	1.29873	1.31050	1.09177	1.04274
2.275	.998	.11058	1.28541	1.36684	1.28286	1.31974	1.07437	1.03887
2.276	2.006	.11056	1.25630	1.39239	1.26534	1.32969	1.05469	1.03419
2.276	3.017	.11036	1.22699	1.41729	1.24611	1.33765	1.03494	1.02749
	GRADIENT	-.00036	-.02748	.02768	-.01541	.01301	-.01723	-.00227

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-4.900	.11864	1.45551	1.20676	1.36805	1.23399	1.16248	1.03158
2.495	-2.932	.11741	1.40560	1.26647	1.34698	1.26980	1.13795	1.03682
2.495	-1.991	.11701	1.38125	1.29388	1.33476	1.28560	1.12453	1.03802
2.495	-1.165	.11684	1.35797	1.31797	1.32376	1.29850	1.11115	1.03773
2.495	.049	.11631	1.32655	1.35284	1.30915	1.31751	1.09278	1.03883
2.495	.966	.11697	1.29945	1.37938	1.29540	1.32919	1.07756	1.03734
2.495	2.029	.11714	1.26940	1.40874	1.27806	1.34351	1.06011	1.03515
2.495	3.092	.11707	1.23730	1.43754	1.25889	1.35493	1.03964	1.03198
	GRADIENT	-.00016	-.02730	.02886	-.01359	.01511	-.01543	.00000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CP53	CP54	CP55	CP56	CP57	CP58
2.662	-4.885	.10361	1.45087	1.20531	1.36628	1.23594	1.15506	1.02637
2.662	-2.952	.10256	1.40533	1.26759	1.34828	1.27280	1.13337	1.03361
2.661	-1.940	.10219	1.37875	1.29736	1.33610	1.28892	1.11874	1.03387
2.662	-.999	.10182	1.35476	1.32353	1.32501	1.30364	1.10515	1.03467
2.662	.104	.10107	1.32450	1.35314	1.30914	1.31705	1.08927	1.03416
2.662	.978	.10147	1.29585	1.37681	1.29240	1.32909	1.07070	1.03248
2.662	1.982	.10155	1.26404	1.40465	1.27469	1.34099	1.05165	1.02895
2.662	3.092	.10158	1.22516	1.43128	1.25128	1.35123	1.02670	1.02350
	GRADIENT	-.00026	-.02823	.02817	-.01443	.01433	-.01608	-.00041

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.875	-.00033	497.88623	2.38681	176.31038	1397.95044	1.65875	561.66602	.00000
2.009	-1.849	-.00073	497.68701	2.38681	176.24297	1397.37500	1.65874	561.77588	.00000
2.009	.102	-.00154	497.54858	2.38681	176.18155	1397.04248	1.65875	560.62158	.00000
2.008	2.137	-.00152	497.59961	2.38681	176.21892	1397.10181	1.65873	562.27051	.00000
2.008	4.140	-.00170	497.44434	2.38681	176.16797	1396.64575	1.65873	562.49023	.00000
2.008	6.135	-.00171	497.71753	2.38681	176.26599	1397.40698	1.65873	562.81982	.00000
2.008	8.150	-.00150	497.71851	2.38681	176.26636	1397.40991	1.65873	562.81982	.00000
2.008	10.153	-.00089	497.40601	2.38681	176.16185	1396.50415	1.65872	563.09448	.00000
2.008	12.087	-.00046	497.68066	2.38681	176.25914	1397.27539	1.65872	563.31421	.00000
2.008	14.150	.00026	497.61133	2.38681	176.23647	1397.07251	1.65872	563.42407	.00000
2.008	16.093	.00100	497.86548	2.38681	176.33000	1397.77051	1.65872	563.91821	.00000
2.008	18.144	.00048	497.65771	2.38681	176.25771	1397.18213	1.65872	563.86328	.00000
2.008	20.143	-.00117	497.65210	2.38681	176.25974	1397.14941	1.65871	564.19263	.00000
2.008	21.164	-.00119	497.66528	2.38681	176.26489	1397.18237	1.65871	564.24756	.00000
	GRADIENT	-.00019	-.05142	.00000	-.01617	-.15340	-.00000	.12878	.00000

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.934	.28602	502.30347	2.47705	138.58432	1667.72046	1.69673	569.07446	.00000
2.276	-1.790	.28624	502.64355	2.47705	138.67595	1668.86865	1.69673	569.12939	.00000
2.275	.018	.28628	502.46704	2.47705	138.63374	1668.22070	1.69673	569.62231	.00000
2.276	2.025	.28727	502.31299	2.47705	138.58522	1667.76953	1.69674	568.90991	.00000
2.276	4.036	.28775	502.45996	2.47705	138.62566	1668.25854	1.69673	569.01953	.00000
2.275	6.095	.28834	502.41626	2.47705	138.61671	1668.08154	1.69673	569.29370	.00000
2.275	8.082	.28875	502.22485	2.47705	138.56612	1667.42603	1.69672	569.34839	.00000
2.275	10.121	.28897	502.60962	2.47705	138.67239	1668.70386	1.69672	569.67725	.00000
2.275	12.107	.28994	502.26196	2.47705	138.57823	1667.53247	1.69673	569.56763	.00000
2.275	14.122	.29123	502.56323	2.47705	138.66344	1668.51343	1.69672	570.00610	.00000
2.275	16.145	.29175	503.03296	2.47705	138.78967	1670.10425	1.69673	570.06104	.00000
2.275	18.031	.29208	502.69238	2.47705	138.70363	1668.89771	1.69672	570.55371	.00000
2.275	20.119	.29012	502.52026	2.47705	138.65633	1668.32617	1.69672	570.44434	.00000
2.275	21.084	.28962	502.70752	2.47705	138.70479	1668.97754	1.69672	570.28003	.00000
	GRADIENT	.00026	-.00428	.00000	-.00139	-.01196	.00000	-.02347	.00000

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (AGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.000	-.17936	499.76489	2.56351	114.66887	1944.75000	1.70693	571.64893	.00000
2.495	-1.927	-.17929	500.06494	2.56351	114.73561	1945.95190	1.70593	571.59448	.00000
2.495	.020	-.17982	499.88770	2.56351	114.69707	1945.22632	1.70654	571.75854	.00000
2.495	2.007	-.17991	500.33154	2.56351	114.79762	1946.97388	1.70499	571.92285	.00000
2.495	4.022	-.17981	500.13428	2.56351	114.75391	1946.18506	1.70567	571.97778	.00000
2.495	6.029	-.18021	499.97998	2.56351	114.72163	1945.52930	1.70613	572.30615	.00000
2.495	8.020	-.18039	500.41504	2.56351	114.81862	1947.27026	1.70471	572.25122	.00000
2.495	10.026	-.18063	500.12744	2.56351	114.75621	1946.09473	1.70569	572.52515	.00000
2.495	11.997	-.17989	500.04248	2.56351	114.73882	1945.72778	1.70598	572.74390	.00000
2.495	14.052	-.17976	499.94067	2.56351	114.71597	1945.32471	1.70633	572.74414	.00000
2.495	16.047	-.17968	500.22437	2.56351	114.78108	1946.42896	1.70536	572.96289	.00000
2.495	17.986	-.17996	500.17651	2.56351	114.77351	1946.18677	1.70552	573.40088	.00000
2.495	20.017	-.18086	500.11865	2.56351	114.75859	1945.98975	1.70572	573.12695	.00000
	GRADIENT	-.00008	.05333	.00000	.01234	.20603	-.00018	.05607	.00000

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.663	-3.096	-.11857	434.04224	2.33721	87.42940	1923.18823	1.73393	569.23853	.00000
2.663	-2.119	-.11835	434.02197	2.33721	87.43179	1922.94971	1.73392	569.45776	.00000
2.663	-.088	-.11834	433.85937	2.33721	87.40903	1921.99609	1.73391	569.67700	.00000
2.663	1.899	-.11805	434.10254	2.33721	87.44902	1923.28271	1.73392	569.56763	.00000
2.663	3.930	-.11784	434.09058	2.33721	87.45432	1923.05225	1.73392	569.84131	.00000
2.663	5.897	-.11778	433.93677	2.33721	87.42419	1922.34961	1.73392	569.73193	.00000
2.663	7.915	-.11769	434.02881	2.33721	87.44051	1922.80933	1.73391	569.73193	.00000
2.663	9.950	-.11763	433.97632	2.33721	87.44017	1922.33984	1.73390	570.06055	.00000
2.663	11.925	-.11753	433.92065	2.33721	87.42435	1922.19922	1.73391	569.84155	.00000
2.663	13.924	-.11659	433.91187	2.33721	87.42728	1922.05444	1.73390	570.00586	.00000
2.663	15.923	-.11644	434.14600	2.33721	87.46709	1923.25781	1.73391	569.95117	.00000
2.663	17.906	-.11644	433.89624	2.33721	87.42896	1921.87305	1.73390	570.17017	.00000
2.663	19.912	-.11720	433.80640	2.33721	87.40868	1921.52271	1.73390	570.00586	.00000
2.663	20.906	-.11772	433.88159	2.33721	87.42189	1921.90137	1.73391	570.00586	.00000
	GRADIENT	.00010	.01129	.00000	.00390	.01240	-.00000	.07025	.00000

OA234 LERC 10SWT 42 LHFO.2P/S RHFO.2A (PGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.009	-2.875	-.00033	1.64052	1.58261	1.41829	1.18867	.95277	.74205	1.55026	1.56396
2.009	-1.849	-.00073	1.64641	1.59675	1.44278	1.21957	.98574	.77060	1.56261	1.57636
2.009	.102	-.00154	1.65415	1.62158	1.48811	1.27869	1.04974	.82714	1.58288	1.59641
2.008	2.137	-.00152	1.65290	1.63653	1.52635	1.33296	1.10943	.88254	1.59330	1.60660
2.008	4.140	-.00170	1.64963	1.64887	1.56164	1.38508	1.16924	.94094	1.60081	1.61632
2.008	6.135	-.00171	1.63687	1.65152	1.58790	1.43046	1.22443	.99831	1.60016	1.61421
2.008	8.150	-.00150	1.62094	1.65215	1.61167	1.47329	1.27844	1.05407	1.59762	1.61180
2.008	10.153	-.00089	1.60512	1.65204	1.63239	1.51388	1.33189	1.11301	1.59302	1.60734
2.008	12.087	-.00046	1.58392	1.64692	1.64940	1.55092	1.38192	1.16956	1.58219	1.59876
2.008	14.150	.00026	1.55347	1.63255	1.65818	1.58396	1.43302	1.22929	1.56341	1.58048
2.008	16.093	.00100	1.50316	1.59747	1.64736	1.59749	1.46527	1.27250	1.52735	1.53982
2.008	18.144	.00048	1.46034	1.56883	1.64388	1.61872	1.50727	1.32785	1.49577	1.50857
2.008	20.143	-.00117	1.41664	1.53812	1.63632	1.63545	1.54549	1.38029	1.46202	1.47740
2.008	21.164	-.00119	1.39723	1.52471	1.63376	1.64331	1.56288	1.40547	1.44650	1.46270
	GRADIENT	-.00019	.00125	.00944	.02045	.02803	.03085	.02830	.00718	.00736

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.276	-2.934	.28602	1.67071	1.61077	1.43617	1.19145	.94078	.73155	1.57226	1.59015
2.276	-1.790	.28624	1.67246	1.62286	1.46089	1.22452	.97714	.76193	1.58222	1.60053
2.275	.018	.28628	1.66981	1.63539	1.49427	1.27330	1.03299	.81312	1.59155	1.60876
2.276	2.025	.28727	1.66339	1.64582	1.52596	1.32158	1.08909	.86526	1.59921	1.61489
2.276	4.036	.28775	1.65907	1.65724	1.56246	1.37527	1.15028	.92129	1.60517	1.62373
2.275	6.095	.28834	1.64510	1.65938	1.58891	1.42094	1.20592	.97684	1.60317	1.62328
2.275	8.082	.28875	1.62814	1.65914	1.61273	1.46407	1.26102	1.03190	1.59946	1.61874
2.275	10.121	.28897	1.60410	1.65286	1.63069	1.50491	1.31512	1.09131	1.58699	1.60906
2.275	12.107	.28994	1.58069	1.64541	1.64571	1.54217	1.36620	1.14687	1.57470	1.59900
2.275	14.122	.29123	1.55116	1.63236	1.65656	1.57583	1.41687	1.20538	1.55629	1.58169
2.275	16.145	.29175	1.51838	1.61441	1.66277	1.60610	1.46428	1.26278	1.53633	1.55949
2.275	18.031	.29208	1.48280	1.59347	1.66449	1.63098	1.50760	1.31792	1.51146	1.53550
2.275	20.119	.29012	1.44028	1.56602	1.66395	1.65622	1.55528	1.37886	1.48222	1.50505
2.275	21.084	.28962	1.41767	1.54991	1.65924	1.66311	1.57266	1.40316	1.46388	1.48725
	GRADIENT	.00026	-.00189	.00645	.01782	.02612	.02986	.02719	.00458	.00451

OA234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (PGY004) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-3.000	-.17936	1.70896	1.64592	1.46393	1.20948	.94938	.73913	1.61046	1.62174
2.495	-1.927	-.17929	1.71304	1.65966	1.48959	1.24333	.98564	.77069	1.62233	1.63462
2.495	.020	-.17982	1.71319	1.67852	1.53061	1.30113	1.05178	.82944	1.63579	1.64873
2.495	2.007	-.17991	1.71108	1.69283	1.56970	1.35537	1.11305	.88483	1.64620	1.65788
2.495	4.022	-.17981	1.70505	1.70387	1.60449	1.40910	1.17466	.94156	1.65390	1.66459
2.495	6.029	-.18021	1.69405	1.70910	1.63426	1.45688	1.23204	.99892	1.65492	1.66636
2.495	8.020	-.18039	1.67811	1.71091	1.66160	1.50547	1.29432	1.05909	1.65319	1.66215
2.495	10.026	-.18063	1.65812	1.70755	1.68166	1.54745	1.34653	1.11381	1.64436	1.65577
2.495	11.997	-.17989	1.63410	1.70083	1.69840	1.58703	1.40266	1.17458	1.63453	1.64514
2.495	14.052	-.17976	1.60089	1.68593	1.70925	1.62248	1.45381	1.23265	1.61336	1.62551
2.495	16.047	-.17968	1.56479	1.66463	1.71198	1.64940	1.50025	1.28940	1.58843	1.60033
2.495	17.986	-.17996	1.52692	1.63954	1.70859	1.66802	1.53732	1.33900	1.56002	1.57268
2.495	20.017	-.18086	1.47705	1.60510	1.70064	1.68726	1.57877	1.39242	1.52136	1.53649
	GRADIENT	-.00008	-.00063	.00819	.02000	.02836	.03209	.02884	.00606	.00594

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.663	-3.096	-.11857	1.70700	1.64214	1.45631	1.19667	.93415	.72826	1.60484	1.61730
2.663	-2.119	-.11835	1.70993	1.65425	1.47884	1.22565	.96560	.75525	1.61470	1.62741
2.663	-.088	-.11834	1.71630	1.68001	1.52844	1.29061	1.03601	.81423	1.63547	1.64971
2.663	1.899	-.11805	1.70888	1.68925	1.56000	1.34055	1.09478	.87047	1.64194	1.65347
2.663	3.930	-.11784	1.70771	1.70525	1.60158	1.39945	1.16090	.92863	1.65317	1.66599
2.663	5.897	-.11778	1.69395	1.70780	1.62724	1.44391	1.21752	.98521	1.65079	1.66356
2.663	7.915	-.11769	1.67534	1.70609	1.65310	1.49365	1.27991	1.04512	1.64559	1.65838
2.663	9.950	-.11763	1.65722	1.70583	1.67592	1.53633	1.33323	1.10088	1.64135	1.65414
2.663	11.925	-.11753	1.62966	1.69758	1.69577	1.58047	1.39247	1.16303	1.63668	1.64041
2.663	13.924	-.11659	1.59686	1.68037	1.70165	1.61272	1.44190	1.21894	1.60579	1.62024
2.663	15.923	-.11644	1.56445	1.66379	1.70968	1.64410	1.49092	1.27443	1.58578	1.60020
2.663	17.906	-.11644	1.52384	1.63708	1.70563	1.66238	1.52725	1.32556	1.55660	1.57048
2.663	19.912	-.11720	1.48247	1.61154	1.70691	1.68951	1.57377	1.38104	1.52714	1.54347
2.663	20.906	-.11772	1.45566	1.59216	1.70217	1.69819	1.59365	1.40834	1.50580	1.52260
	GRADIENT	.00010	-.00007	.00882	.02048	.02875	.03222	.02856	.00676	.00672

0A234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (QGY004) 12 MAY 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = .000 PH = .000
Q(PSF) = 500.000

RUN NO. 20/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.009	-2.875	-.00033	1.28829	1.31003	1.21730	1.22505	1.01766	1.02972
2.009	-1.849	-.00073	1.29539	1.31755	1.24387	1.25206	1.04545	1.05664
2.009	.102	-.00154	1.30859	1.33005	1.29500	1.30123	1.09844	1.10812
2.008	2.137	-.00152	1.31172	1.33576	1.33820	1.34640	1.14664	1.15670
2.008	4.140	-.00170	1.31136	1.34234	1.37947	1.39115	1.19130	1.20520
2.008	6.135	-.00171	1.30648	1.33746	1.41383	1.42569	1.23282	1.24709
2.008	8.150	-.00150	1.30160	1.33277	1.44659	1.45941	1.27256	1.28565
2.008	10.153	-.00089	1.29567	1.32928	1.47804	1.49088	1.31215	1.32496
2.008	12.087	-.00046	1.28084	1.32076	1.50289	1.51926	1.34584	1.36139
2.008	14.150	.00026	1.26175	1.30796	1.52365	1.54274	1.37749	1.39833
2.008	16.093	.00100	1.23088	1.26506	1.52855	1.54285	1.39462	1.40855
2.008	18.144	.00048	1.20176	1.23901	1.53762	1.55279	1.41666	1.43182
2.008	20.143	-.00117	1.17245	1.21515	1.54289	1.56040	1.43593	1.45337
2.008	21.164	-.00119	1.15992	1.20393	1.54466	1.56521	1.44464	1.46465
	GRADIENT	-.00019	.00335	.00452	.02314	.02361	.02481	.02499

RUN NO. 21/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.276	-2.934	.28602	1.28760	1.31440	1.21875	1.22836	1.00784	1.02059
2.276	-1.790	.28624	1.29142	1.32119	1.24601	1.25754	1.03762	1.05124
2.275	.018	.28628	1.29775	1.32878	1.28729	1.29903	1.08335	1.09742
2.276	2.025	.28727	1.29970	1.33118	1.32764	1.33832	1.12680	1.14173
2.276	4.036	.28775	1.29717	1.33636	1.36867	1.38385	1.17320	1.19111
2.275	6.095	.28834	1.29214	1.33518	1.40294	1.42137	1.21275	1.23492
2.275	8.082	.28875	1.28415	1.33133	1.43661	1.45505	1.25368	1.27518
2.275	10.121	.28897	1.27068	1.32511	1.46442	1.48774	1.28998	1.31654
2.275	12.107	.28994	1.25754	1.31522	1.48902	1.51597	1.32448	1.35420
2.275	14.122	.29123	1.23943	1.29947	1.51043	1.53891	1.35695	1.38768
2.275	16.145	.29175	1.22053	1.27970	1.53033	1.55718	1.38773	1.41660
2.275	18.031	.29208	1.19757	1.25980	1.54323	1.57215	1.41204	1.44344
2.275	20.119	.29012	1.17119	1.23260	1.55571	1.58620	1.43806	1.47119
2.275	21.084	.28962	1.15460	1.21730	1.55806	1.58623	1.44800	1.47672
	GRADIENT	.00026	.00147	.00297	.02142	.02200	.02358	.02425

0A234 LERC 10SWT 42 LHF0.2P/S RHF0.2A (QGY004) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000
Q(PSF) = 500.000

RUN NO. 22/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-3.000	-.17936	1.31813	1.33153	1.24250	1.24569	1.02461	1.03064
2.495	-1.927	-.17929	1.32525	1.34098	1.27139	1.27523	1.05499	1.06097
2.495	.020	-.17982	1.33131	1.34921	1.31993	1.32355	1.10802	1.11353
2.495	2.007	-.17991	1.33597	1.35426	1.36423	1.36873	1.15714	1.16314
2.495	4.022	-.17981	1.33840	1.35714	1.40875	1.41298	1.20567	1.21034
2.495	6.029	-.18021	1.33525	1.35593	1.44589	1.45128	1.24988	1.25345
2.495	8.020	-.18039	1.33090	1.35180	1.48486	1.48822	1.29514	1.29973
2.495	10.026	-.18063	1.31889	1.34498	1.51340	1.52027	1.33226	1.33766
2.495	11.997	-.17989	1.30710	1.33298	1.54243	1.54992	1.36875	1.37645
2.495	14.052	-.17976	1.28605	1.31649	1.56381	1.57415	1.40202	1.41118
2.495	16.047	-.17968	1.26350	1.29632	1.57962	1.59116	1.43030	1.44049
2.495	17.986	-.17996	1.23855	1.27311	1.58692	1.59941	1.45061	1.45984
2.495	20.017	-.18086	1.20206	1.24419	1.59258	1.60870	1.46891	1.48480
	GRADIENT	-.00008	.00278	.00348	.02358	.02373	.02576	.02560

RUN NO. 23/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.663	-3.096	-.11857	1.30686	1.32241	1.22994	1.23389	1.01012	1.01665
2.663	-2.119	-.11835	1.31151	1.32729	1.25544	1.25890	1.03561	1.04141
2.663	-.088	-.11834	1.32287	1.34362	1.30999	1.31592	1.09360	1.10105
2.663	1.899	-.11805	1.32467	1.34464	1.35145	1.35594	1.14058	1.14635
2.663	3.930	-.11784	1.32995	1.35297	1.39872	1.40590	1.19297	1.19995
2.663	5.897	-.11778	1.32523	1.34897	1.43303	1.44044	1.23389	1.24213
2.663	7.915	-.11769	1.31740	1.34388	1.47059	1.47875	1.27968	1.28875
2.663	9.950	-.11763	1.30795	1.33912	1.50310	1.51249	1.31788	1.32720
2.663	11.925	-.11753	1.29369	1.32676	1.53307	1.54470	1.35894	1.36949
2.663	13.924	-.11659	1.27311	1.31042	1.55317	1.56652	1.38926	1.40231
2.663	15.923	-.11644	1.25237	1.29292	1.57337	1.58647	1.41913	1.43146
2.663	17.906	-.11644	1.22523	1.26705	1.58042	1.59528	1.43778	1.45186
2.663	19.912	-.11720	1.19781	1.24307	1.59415	1.61049	1.46394	1.47899
2.663	20.906	-.11772	1.17973	1.22715	1.59464	1.61371	1.47313	1.49041
	GRADIENT	.00010	.00323	.00429	.02392	.02435	.02601	.02607

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.847	-.00057	498.22363	2.44451	176.31262	1399.41992	1.65886	551.91968	.00000
2.009	-1.840	-.00102	498.33105	2.44451	176.35669	1399.69482	1.65885	552.52661	.00000
2.009	.168	-.00135	498.32959	2.44451	176.36185	1399.66626	1.65885	553.02295	.00000
2.009	2.120	-.00107	498.26196	2.44451	176.33975	1399.46704	1.65884	553.13330	.00000
2.009	4.071	-.00088	498.31665	2.44451	176.36243	1399.60669	1.65884	553.46411	.00000
2.009	6.094	-.00079	498.17236	2.44451	176.31978	1399.16431	1.65883	554.07056	.00000
2.009	8.044	-.00052	498.19946	2.44451	176.33034	1399.23486	1.65883	554.18066	.00000
2.009	10.069	-.00016	498.21021	2.44451	176.33852	1399.24609	1.65882	554.56665	.00000
2.009	12.083	.00016	498.24268	2.44451	176.35417	1399.31812	1.65882	554.95239	.00000
2.009	14.038	.00067	498.53198	2.44451	176.45657	1400.13062	1.65882	555.17285	.00000
2.009	16.081	.00108	498.34570	2.44451	176.39487	1399.58936	1.65882	555.39307	.00000
2.009	18.137	.00054	498.44531	2.44451	176.43375	1399.85083	1.65881	555.77881	.00000
2.009	20.133	-.00119	498.28882	2.44451	176.38124	1399.40112	1.65881	555.88892	.00000
2.009	21.181	-.00104	498.22119	2.44451	176.36166	1399.19092	1.65881	556.21948	.00000
	GRADIENT	-.00003	.00514	-.00000	.00405	.00447	-.00000	.20090	.00000

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.875	.28547	501.76440	2.49529	138.40048	1666.26123	1.69677	565.18091	.00000
2.276	-1.900	.28576	502.46460	2.49529	138.58965	1668.62476	1.69677	565.34546	.00000
2.276	-.037	.28594	502.31958	2.49529	138.55260	1668.11401	1.69677	565.51001	.00000
2.276	1.989	.28685	502.54687	2.49529	138.61443	1668.87524	1.69677	565.61987	.00000
2.276	3.988	.28754	502.61377	2.49529	138.63629	1669.06787	1.69676	566.00391	.00000
2.276	5.906	.28792	502.73950	2.49529	138.66998	1669.49268	1.69677	566.00391	.00000
2.276	9.901	.28905	502.56543	2.49529	138.63116	1668.82764	1.69675	566.77173	.00000
2.276	11.941	.29009	502.65015	2.49529	138.65491	1669.10742	1.69675	566.88135	.00000
2.276	13.949	.29139	502.75635	2.49529	138.68730	1669.42920	1.69675	567.26538	.00000
2.276	15.980	.29170	502.66284	2.49529	138.66223	1669.11426	1.69675	567.26538	.00000
2.276	17.998	.28917	502.34058	2.49529	138.58206	1667.96021	1.69674	567.86865	.00000
2.276	20.031	.29003	502.52832	2.49529	138.63129	1668.60889	1.69675	567.75903	.00000
2.276	21.095	.28959	502.61475	2.49529	138.65613	1668.86719	1.69674	568.14282	.00000
	GRADIENT	.00030	.09280	.00000	.02595	.30470	-.00000	.10873	.00000

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (AGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.496	-2.989	-.17974	499.37012	2.58967	114.54590	1943.73242	1.70695	566.77148	.00000
2.496	-2.002	-.17969	499.43774	2.58967	114.56419	1943.95190	1.70672	567.21021	.00000
2.496	-.146	-.17990	500.31079	2.58967	114.75952	1947.42920	1.70374	567.21045	.00000
2.496	1.888	-.18031	499.90137	2.58967	114.66904	1945.77979	1.70514	567.37476	.00000
2.496	3.878	-.18020	499.93311	2.58967	114.67729	1945.88843	1.70503	567.53931	.00000
2.496	5.848	-.18042	499.92407	2.58967	114.67918	1945.78931	1.70506	568.08765	.00000
2.496	7.838	-.18045	500.09106	2.58967	114.71725	1946.44214	1.70449	568.19751	.00000
2.496	9.847	-.18068	500.09204	2.58967	114.71780	1946.43921	1.70449	568.25195	.00000
2.495	11.863	-.17988	500.13062	2.58967	114.72885	1946.55493	1.70436	568.58081	.00000
2.495	13.871	-.17980	500.09839	2.58967	114.72713	1946.34180	1.70447	569.34814	.00000
2.495	15.918	-.17971	499.90015	2.58967	114.68002	1945.59521	1.70514	568.96460	.00000
2.495	17.920	-.18000	500.24268	2.58967	114.75662	1946.95972	1.70397	568.96460	.00000
2.495	19.994	-.18087	500.01440	2.58967	114.70439	1946.06641	1.70475	568.80029	.00000
2.495	21.013	-.18113	500.19922	2.58967	114.74535	1946.81201	1.70412	568.74536	.00000
	GRADIENT	-.00009	.08412	.00000	.01947	.32474	-.00029	.09183	.00000

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.664	-3.065	-.11922	433.39160	2.35381	87.22588	1921.98779	1.73402	566.00342	.00000
2.664	-2.030	-.11898	433.48047	2.35381	87.24307	1922.39429	1.73402	566.05811	.00000
2.664	-.104	-.11874	433.10449	2.35381	87.18132	1920.40723	1.73400	566.22290	.00000
2.664	1.882	-.11877	433.42017	2.35381	87.23401	1922.05713	1.73401	566.11304	.00000
2.664	3.846	-.11842	433.69214	2.35381	87.28636	1923.32056	1.73402	566.27783	.00000
2.664	5.800	-.11827	433.36621	2.35381	87.23351	1921.57690	1.73400	566.44238	.00000
2.664	7.782	-.11813	433.44043	2.35381	87.24507	1921.98560	1.73401	566.38745	.00000
2.664	9.771	-.11793	433.41211	2.35381	87.24159	1921.80640	1.73400	566.44238	.00000
2.664	11.804	-.11777	433.38965	2.35381	87.24066	1921.62646	1.73400	566.55200	.00000
2.664	13.848	-.11685	433.52222	2.35381	87.26555	1922.25342	1.73400	566.60669	.00000
2.664	15.834	-.11671	433.50244	2.35381	87.25903	1922.22339	1.73400	566.49707	.00000
2.664	17.860	-.11670	433.48853	2.35381	87.26109	1922.04883	1.73400	566.66162	.00000
2.664	19.918	-.11752	433.52222	2.35381	87.27159	1922.11328	1.73399	566.82642	.00000
2.664	20.924	-.11803	433.52686	2.35381	87.27393	1922.10425	1.73400	566.88110	.00000
	GRADIENT	.00010	.03286	.00000	.00671	.14372	-.00000	.03327	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (PGY005) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.009	-2.847	-.00057	1.64297	1.58513	1.42020	1.19091	.95547	.74365	1.55324	1.56737
2.009	-1.840	-.00102	1.64939	1.60026	1.44486	1.22164	.98797	.77185	1.56528	1.57990
2.009	.168	-.00135	1.65280	1.62187	1.48982	1.28040	1.05146	.82882	1.58120	1.59588
2.009	2.120	-.00107	1.65271	1.63738	1.52637	1.33331	1.11145	.88445	1.59362	1.60748
2.009	4.071	-.00088	1.64798	1.64750	1.55961	1.38304	1.16794	.93966	1.60010	1.61241
2.009	6.094	-.00079	1.63728	1.65322	1.58841	1.43126	1.22628	.99832	1.60104	1.61509
2.009	8.044	-.00052	1.61997	1.65317	1.61160	1.47304	1.27907	1.05369	1.59711	1.61071
2.009	10.069	-.00016	1.59708	1.64707	1.62932	1.51327	1.33358	1.11336	1.58629	1.60115
2.009	12.083	.00016	1.56993	1.63640	1.64103	1.54709	1.38137	1.16849	1.57165	1.58572
2.009	14.038	.00067	1.53976	1.62124	1.64739	1.57465	1.42477	1.22453	1.55140	1.56540
2.009	16.081	.00108	1.50300	1.59980	1.64934	1.59996	1.46906	1.27868	1.52672	1.54048
2.009	18.137	.00054	1.46026	1.57135	1.64613	1.62101	1.50945	1.33248	1.49477	1.50902
2.009	20.133	-.00119	1.41897	1.54294	1.63967	1.63837	1.54770	1.38452	1.46342	1.47974
2.009	21.181	-.00104	1.39773	1.52783	1.63644	1.64640	1.56638	1.41177	1.44651	1.46373
	GRADIENT	-.00003	.00064	.00897	.02015	.02780	.03078	.02836	.00676	.00649

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.276	-2.875	.28547	1.67206	1.61220	1.43885	1.19447	.94420	.73265	1.57564	1.59371
2.276	-1.900	.28576	1.67496	1.62353	1.45918	1.22031	.97276	.75807	1.58386	1.60120
2.276	-.037	.28594	1.67256	1.63772	1.49560	1.27290	1.03241	.81128	1.59427	1.61239
2.276	1.989	.28685	1.66765	1.64911	1.52964	1.32287	1.08925	.86341	1.60219	1.61819
2.276	3.988	.28754	1.65937	1.65825	1.56255	1.37293	1.14895	.91920	1.60590	1.62304
2.276	5.906	.28792	1.64687	1.66102	1.58920	1.41969	1.20361	.97213	1.60496	1.62452
2.276	9.901	.28905	1.60828	1.65706	1.63319	1.50531	1.31414	1.08772	1.59032	1.61154
2.276	11.941	.29009	1.58155	1.64714	1.64673	1.54155	1.36553	1.14504	1.57513	1.59818
2.276	13.949	.29139	1.55186	1.63362	1.65739	1.57625	1.41606	1.20379	1.55617	1.58254
2.276	15.980	.29170	1.51831	1.61614	1.66269	1.60559	1.46373	1.26120	1.53543	1.55989
2.276	17.998	.28917	1.48142	1.59435	1.66568	1.63347	1.51147	1.32130	1.51182	1.53680
2.276	20.031	.29003	1.44222	1.56945	1.66512	1.65653	1.55571	1.37797	1.48289	1.50675
2.276	21.095	.28959	1.41759	1.55158	1.65980	1.66323	1.57304	1.40351	1.46382	1.48676
	GRADIENT	.00030	-.00196	.00657	.01796	.02604	.02984	.02716	.00438	.00420

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (PGY005) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.496	-2.989	-.17974	1.70945	1.64592	1.46392	1.20855	.94973	.73846	1.61088	1.62259
2.496	-2.002	-.17969	1.71436	1.65950	1.48787	1.23897	.98149	.76550	1.62053	1.63358
2.496	-.146	-.17990	1.71441	1.67805	1.52819	1.29511	1.04532	.82229	1.63535	1.64785
2.496	1.888	-.18031	1.71294	1.69367	1.56973	1.35359	1.11098	.88221	1.64757	1.65914
2.496	3.878	-.18020	1.70809	1.70478	1.60300	1.40511	1.17184	.93838	1.65478	1.66551
2.496	5.848	-.18042	1.69555	1.70903	1.63165	1.45393	1.23197	.99712	1.65513	1.66673
2.496	7.838	-.18045	1.67928	1.71223	1.66193	1.50582	1.29342	1.05642	1.65478	1.66433
2.496	9.847	-.18068	1.65938	1.71097	1.68295	1.54664	1.34563	1.11249	1.64605	1.65789
2.495	11.863	-.17988	1.63382	1.70170	1.69870	1.58658	1.40285	1.17448	1.63382	1.64389
2.495	13.871	-.17980	1.60035	1.68596	1.70900	1.62188	1.45349	1.23153	1.61239	1.62427
2.495	15.918	-.17971	1.56544	1.66648	1.71268	1.65098	1.50168	1.28999	1.58995	1.60176
2.495	17.920	-.18000	1.52818	1.64269	1.71087	1.66990	1.53746	1.33874	1.56128	1.57454
2.495	19.994	-.18087	1.47741	1.60733	1.70271	1.68934	1.57972	1.39299	1.52128	1.53701
2.495	21.013	-.18113	1.45126	1.58885	1.69716	1.59630	1.59704	1.41722	1.50158	1.51725
	GRADIENT	-.00009	-.00034	.00849	.02027	.02874	.03252	.02932	.00642	.00620

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.664	-3.065	-.11922	1.70814	1.64290	1.45668	1.19736	.93581	.72925	1.60635	1.61953
2.664	-2.030	-.11898	1.71189	1.65593	1.48161	1.22828	.96857	.75651	1.61708	1.63056
2.664	-.104	-.11874	1.71498	1.67739	1.52454	1.28739	1.03314	.81342	1.63449	1.64702
2.664	1.882	-.11877	1.71686	1.69793	1.57053	1.34935	1.10232	.87231	1.64983	1.66261
2.664	3.846	-.11842	1.70958	1.70833	1.60503	1.40137	1.16303	.92909	1.65449	1.66854
2.664	5.800	-.11827	1.69483	1.70892	1.62900	1.44562	1.22025	.98627	1.65263	1.66515
2.664	7.782	-.11813	1.68162	1.71337	1.66002	1.49900	1.28279	1.04479	1.65184	1.66612
2.664	9.771	-.11793	1.65586	1.70547	1.67598	1.53879	1.33897	1.10440	1.63997	1.65274
2.664	11.804	-.11777	1.63314	1.70211	1.69848	1.58364	1.39575	1.16363	1.63115	1.64440
2.664	13.848	-.11685	1.59869	1.68473	1.70673	1.61676	1.44559	1.22099	1.60862	1.62406
2.664	15.834	-.11671	1.56724	1.66917	1.71428	1.64866	1.49313	1.27642	1.58959	1.60452
2.664	17.860	-.11670	1.52618	1.64075	1.70926	1.66649	1.53182	1.32896	1.55847	1.57360
2.664	19.918	-.11752	1.48301	1.61393	1.70854	1.69064	1.57564	1.38176	1.52673	1.54382
2.664	20.924	-.11803	1.45729	1.59640	1.70368	1.69921	1.59392	1.40847	1.50748	1.52381
	GRADIENT	.00010	.00036	.00967	.02168	.02981	.03318	.02911	.00718	.00725

0A234 LERC 10SWT 42 LHFN.1S RHFN.2P/S (QGY005) (02 MAY 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 24/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.009	-2.847	-.00057	1.29039	1.31151	1.22191	1.22594	1.01929	1.03191
2.009	-1.840	-.00102	1.29863	1.32102	1.24919	1.25278	1.04700	1.05877
2.009	.168	-.00135	1.30592	1.33046	1.29759	1.30289	1.09923	1.11058
2.009	2.120	-.00107	1.31168	1.33683	1.34119	1.34716	1.14645	1.15887
2.009	4.071	-.00088	1.31166	1.33773	1.38036	1.38693	1.18972	1.20298
2.009	6.094	-.00079	1.30794	1.33729	1.41803	1.42650	1.23355	1.24657
2.009	8.044	-.00052	1.30038	1.32949	1.44961	1.45789	1.27313	1.28414
2.009	10.069	-.00016	1.28696	1.32127	1.47772	1.48816	1.31075	1.32343
2.009	12.083	.00016	1.27154	1.30629	1.50041	1.51160	1.34202	1.35593
2.009	14.038	.00067	1.25193	1.28734	1.51693	1.53007	1.36868	1.38402
2.009	16.081	.00108	1.22997	1.26649	1.53096	1.54454	1.39521	1.41153
2.009	18.137	.00054	1.20008	1.24011	1.53975	1.55521	1.41673	1.43394
2.009	20.133	-.00119	1.17274	1.21775	1.54510	1.56388	1.43660	1.45652
2.009	21.181	-.00104	1.15898	1.20510	1.54688	1.56799	1.44543	1.46766
	GRADIENT	-.00003	.00303	.00373	.02289	.02332	.02468	.02480

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.276	-2.875	.28547	1.28936	1.31709	1.22456	1.23139	1.00992	1.02513
2.276	-1.900	.28576	1.29233	1.32106	1.24673	1.25332	1.03347	1.04850
2.276	-.037	.28594	1.29821	1.32971	1.28967	1.29821	1.08124	1.09656
2.276	1.989	.28685	1.30100	1.33209	1.33110	1.33960	1.12697	1.14227
2.276	3.988	.28754	1.29917	1.33327	1.37067	1.38022	1.17144	1.18847
2.276	5.906	.28792	1.29232	1.33538	1.40391	1.42055	1.21086	1.23303
2.276	9.901	.28905	1.27203	1.32413	1.46602	1.48643	1.28918	1.31556
2.276	11.941	.29009	1.25714	1.31356	1.49041	1.51408	1.32317	1.35210
2.276	13.949	.29139	1.23825	1.29936	1.51130	1.53934	1.35401	1.38755
2.276	15.980	.29170	1.21870	1.27984	1.52940	1.55709	1.38462	1.41730
2.276	17.998	.28917	1.19620	1.25952	1.54625	1.57464	1.41324	1.44631
2.276	20.031	.29003	1.17053	1.23277	1.55699	1.58569	1.43722	1.47133
2.276	21.095	.28959	1.15367	1.21633	1.55930	1.58553	1.44736	1.47751
	GRADIENT	.00030	.00154	.00239	.02132	.02174	.02360	.02383

0A234 LERC 10SWT 42 LHFN.IS RHFN.2P/S (QGY005) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 500.000

RUN NO. 29/ 0 RN/L = 2.59 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.496	-2.989	-.17974	1.31938	1.33261	1.24436	1.24434	1.02319	1.03149
2.496	-2.002	-.17969	1.32350	1.33843	1.26920	1.27045	1.04975	1.05723
2.496	-.146	-.17990	1.33043	1.34726	1.31714	1.31794	1.10139	1.10789
2.496	1.888	-.18031	1.33678	1.35451	1.36489	1.36695	1.15412	1.16150
2.496	3.878	-.18020	1.34005	1.35797	1.40759	1.40943	1.20221	1.20812
2.496	5.848	-.18042	1.33537	1.35609	1.44582	1.44789	1.24831	1.25359
2.496	7.838	-.18045	1.33128	1.35199	1.48615	1.48857	1.29293	1.29905
2.496	9.847	-.18068	1.31992	1.34495	1.51595	1.51948	1.33069	1.33548
2.495	11.863	-.17988	1.30605	1.33151	1.54297	1.54864	1.36764	1.37626
2.495	13.871	-.17980	1.28534	1.31600	1.56388	1.57316	1.40035	1.41068
2.495	15.918	-.17971	1.26474	1.29734	1.58191	1.59275	1.43020	1.44241
2.495	17.920	-.18000	1.23767	1.27222	1.58964	1.60090	1.44960	1.46024
2.495	19.994	-.18087	1.20226	1.24371	1.59438	1.60996	1.46982	1.48601
2.495	21.013	-.18113	1.18343	1.22574	1.59575	1.61089	1.47724	1.49298
	GRADIENT	-.00009	.00306	.00373	.02389	.02414	.02619	.02593

RUN NO. 30/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.664	-3.065	-.11922	1.30713	1.32305	1.23334	1.23362	1.00969	1.01788
2.664	-2.030	-.11898	1.31320	1.32941	1.25970	1.26105	1.03665	1.04478
2.664	-.104	-.11874	1.32368	1.34112	1.30964	1.31075	1.09063	1.09712
2.664	1.882	-.11877	1.33147	1.35267	1.36126	1.36525	1.14569	1.15514
2.664	3.846	-.11842	1.33086	1.35498	1.40304	1.40733	1.19336	1.20132
2.664	5.800	-.11827	1.32690	1.35102	1.43742	1.44214	1.23454	1.24408
2.664	7.782	-.11813	1.32166	1.35124	1.47764	1.48608	1.28094	1.29306
2.664	9.771	-.11793	1.30777	1.33784	1.50602	1.51344	1.32019	1.33087
2.664	11.804	-.11777	1.29646	1.32999	1.53746	1.54835	1.36053	1.37226
2.664	13.848	-.11685	1.27400	1.31147	1.55843	1.57054	1.39070	1.40494
2.664	15.834	-.11671	1.25471	1.29542	1.57816	1.59001	1.42058	1.43461
2.664	17.860	-.11670	1.22774	1.26863	1.58405	1.59838	1.44084	1.45561
2.664	19.918	-.11752	1.19781	1.24340	1.59603	1.61111	1.46550	1.48003
2.664	20.934	-.11803	1.17911	1.22654	1.59740	1.61520	1.47309	1.49108
	GRADIENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.895	2.09666	500.06372	2.27046	177.35080	1402.86499	1.65849	585.68872	.00000
2.007	-1.789	2.09877	498.44265	2.27046	176.79118	1398.24854	1.65847	585.58032	.00000
2.007	.164	2.09925	495.57983	2.27046	175.80011	1390.11060	1.65845	585.14331	.00000
2.007	2.143	2.09911	495.85693	2.27046	175.89012	1390.92456	1.65846	584.70703	.00000
2.007	4.138	2.09819	496.06177	2.27046	175.95793	1391.52051	1.65846	584.48975	.00000
2.007	5.942	2.09802	497.90112	2.27046	176.59743	1396.73779	1.65847	584.98071	.00000
2.007	8.132	2.09743	498.20361	2.27046	176.69817	1397.61426	1.65848	584.70679	.00000
2.007	10.138	2.09735	498.20361	2.27046	176.69746	1397.61670	1.65848	584.65332	.00000
2.007	12.232	2.09732	498.19458	2.27046	176.69040	1397.60889	1.65849	584.32617	.00000
2.007	14.172	2.09679	498.31885	2.27046	176.73000	1397.97681	1.65849	584.05347	.00000
2.007	16.176	2.09668	498.09033	2.27046	176.65378	1397.31519	1.65849	584.27124	.00000
2.007	18.190	2.09722	498.30884	2.27046	176.73248	1397.92456	1.65848	584.54272	.00000
2.007	19.472	2.09732	498.14185	2.27046	176.67288	1397.45581	1.65848	584.38013	.00000
	GRADIENT	-.00004	-.56164	.00000	-.19564	-1.59129	-.00000	-.18231	.00000

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.927	2.16973	504.26538	2.35446	139.33789	1672.24536	1.69652	591.29785	.00000
2.274	-1.801	2.16947	503.47046	2.35446	139.12437	1669.55029	1.69651	591.24219	.00000
2.274	.167	2.16947	503.91064	2.35446	139.24240	1671.04321	1.69652	591.24316	.00000
2.274	2.107	2.16918	504.00903	2.35446	139.26982	1671.36743	1.69652	591.35229	.00000
2.274	4.063	2.16771	502.52319	2.35446	138.87431	1666.30029	1.69650	591.56934	.00000
2.274	6.077	2.16725	502.55322	2.35446	138.88516	1666.37695	1.69651	591.84106	.00000
2.274	8.052	2.16659	502.72925	2.35446	138.93228	1666.97559	1.69650	591.84106	.00000
2.274	10.029	2.16621	502.39014	2.35446	138.83299	1665.90112	1.69651	591.02466	.00000
2.274	12.091	2.16589	503.34351	2.35446	139.09050	1669.11987	1.69652	591.24219	.00000
2.274	14.112	2.16557	503.50122	2.35446	139.13667	1669.61914	1.69651	591.62427	.00000
2.274	16.099	2.16531	503.51343	2.35446	139.13324	1669.72119	1.69652	590.97168	.00000
2.274	18.294	2.16534	503.35181	2.35446	139.09666	1669.11157	1.69652	591.62329	.00000
2.274	19.543	2.16476	503.29077	2.35446	139.08032	1668.90112	1.69651	591.62476	.00000
	GRADIENT	-.00025	-.16217	.00000	-.04301	-.55475	-.00000	.03942	.00000

0A234 LERC 10SWT 42 LHFN.IS RHA .2P/S (AGY006) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.060	1.91639	500.39185	2.50676	114.85129	1946.57324	1.70526	577.49268	.00000
2.495	-1.994	1.91626	500.10669	2.50676	114.79388	1945.33569	1.70623	578.36548	.00000
2.495	-.048	1.91647	500.32397	2.50676	114.84891	1946.09814	1.70549	579.23926	.00000
2.495	2.010	1.91652	500.35645	2.50676	114.85780	1946.20337	1.70538	579.45947	.00000
2.495	3.973	1.91622	500.23999	2.50676	114.83690	1945.65820	1.70577	580.16870	.00000
2.495	5.968	1.91641	500.44946	2.50676	114.88814	1946.42285	1.70506	580.77051	.00000
2.494	7.982	1.91644	500.30835	2.50676	114.86186	1945.77783	1.70554	581.47729	.00000
2.495	9.988	1.91658	500.46997	2.50676	114.89755	1946.42993	1.70499	581.42358	.00000
2.494	11.981	1.91616	500.41870	2.50676	114.89172	1946.13135	1.70516	582.18921	.00000
2.494	14.017	1.91649	500.31519	2.50676	114.87379	1945.63477	1.70552	582.89893	.00000
2.494	16.004	1.91630	500.29199	2.50676	114.87389	1945.46094	1.70560	583.60693	.00000
2.494	18.261	1.91656	500.30908	2.50676	114.88019	1945.48877	1.70554	583.93555	.00000
2.494	19.676	1.91638	500.29907	2.50676	114.88237	1945.37842	1.70557	584.53320	.00000
	GRADIENT	-.00000	-.00023	-.00000	.00250	-.04121	.00000	.34782	.00000

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.657	-3.120	2.02014	434.46899	2.25591	87.89029	1916.44922	1.73349	583.82520	.00000
2.657	-1.959	2.02012	435.36426	2.25591	88.06660	1920.50635	1.73350	584.47949	.00000
2.657	-.015	2.02033	435.39038	2.25591	88.07404	1920.57495	1.73350	584.58618	.00000
2.657	1.969	2.02033	434.85522	2.25591	87.98685	1917.73145	1.73347	584.91138	.00000
2.657	3.913	2.01957	434.69849	2.25591	87.96313	1916.85645	1.73346	585.07739	.00000
2.657	5.951	2.01959	434.06470	2.25591	87.84726	1913.78174	1.73346	584.96997	.00000
2.657	7.942	2.01989	435.39038	2.25591	88.08939	1920.22437	1.73348	585.18848	.00000
2.657	9.888	2.01952	434.94458	2.25591	88.00987	1918.01367	1.73347	585.18726	.00000
2.657	11.876	2.01920	435.45728	2.25591	88.11246	1920.29883	1.73347	585.62451	.00000
2.657	13.913	2.01957	435.24463	2.25591	88.08972	1918.89722	1.73345	586.22339	.00000
2.657	15.932	2.01946	435.53613	2.25591	88.14590	1920.24951	1.73345	586.38647	.00000
2.657	17.947	2.01950	435.60034	2.25591	88.16977	1920.28[illegible]	1.73343	586.87646	.00000
2.657	19.410	2.01975	435.59863	2.25591	88.17224	1920.20947	1.73343	586.98706	.00000
	GRADIENT	-.00006	-.01509	.00000	.00134	-.16690	-.00001	.15791	.00000

OA234 ERC 10SWT 42 LHFN.1S RHA .2P/S (PGY006) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.007	-2.895	2.09866	1.64029	1.57814	1.42135	1.19343	.95463	.73853	1.52839	1.58506
2.007	-1.789	2.09877	1.64617	1.59352	1.44811	1.22815	.99273	.77206	1.54212	1.59829
2.007	.164	2.09925	1.65133	1.61463	1.48839	1.28235	1.05250	.82615	1.55755	1.61594
2.007	2.143	2.09911	1.64663	1.62619	1.52412	1.33658	1.11346	.88456	1.56502	1.62314
2.007	4.138	2.09819	1.64162	1.63731	1.55690	1.38411	1.16930	.93967	1.57179	1.63034
2.007	5.942	2.09802	1.63271	1.64302	1.58316	1.42573	1.21972	.99225	1.57396	1.63261
2.007	8.132	2.09743	1.61391	1.64294	1.60753	1.47355	1.28084	1.05728	1.56942	1.62732
2.007	10.138	2.09735	1.59397	1.63823	1.62581	1.51175	1.33160	1.11362	1.56072	1.61914
2.007	12.232	2.09732	1.56520	1.62670	1.63756	1.54519	1.38170	1.17198	1.54403	1.60241
2.007	14.172	2.09679	1.53468	1.61033	1.64156	1.57047	1.42429	1.22406	1.52431	1.58170
2.007	16.176	2.09668	1.50133	1.59236	1.64836	1.60150	1.47089	1.28097	1.50522	1.56069
2.007	18.190	2.09722	1.45888	1.56388	1.64270	1.61841	1.50923	1.33277	1.47357	1.52875
2.007	19.472	2.09732	1.43641	1.54841	1.64008	1.63011	1.53367	1.36633	1.45758	1.51199
	GRADIENT	-.00004	.00005	.00826	.01918	.02707	.03049	.02858	.00596	.00628

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.274	-2.927	2.16973	1.65406	1.58938	1.42366	1.18528	.93650	.72181	1.53452	1.59880
2.274	-1.801	2.16947	1.65594	1.60046	1.44729	1.21590	.96976	.75175	1.54308	1.60775
2.274	.167	2.16947	1.65744	1.61845	1.48635	1.26963	1.02921	.80617	1.55660	1.62145
2.274	2.107	2.16918	1.65177	1.62919	1.51894	1.31721	1.08540	.85810	1.56336	1.62662
2.274	4.063	2.16771	1.64450	1.63873	1.55036	1.36606	1.14369	.91359	1.57041	1.63056
2.274	6.077	2.16725	1.63304	1.64471	1.58186	1.41648	1.20167	.97028	1.57181	1.63352
2.274	8.052	2.16659	1.61545	1.64168	1.60131	1.45612	1.25422	1.02676	1.56577	1.62534
2.274	10.029	2.16621	1.59754	1.64190	1.62488	1.50024	1.31091	1.08628	1.56070	1.62125
2.274	12.091	2.16589	1.57152	1.63244	1.63890	1.53678	1.36256	1.14519	1.54715	1.60625
2.274	14.112	2.16557	1.54440	1.62227	1.65163	1.57398	1.41549	1.20627	1.53157	1.59481
2.274	16.099	2.16531	1.51033	1.60192	1.65488	1.59910	1.45774	1.25876	1.50819	1.57188
2.274	18.294	2.16534	1.47113	1.57805	1.65651	1.62647	1.50637	1.32059	1.48096	1.54586
2.274	19.543	2.16476	1.44684	1.56338	1.65671	1.64169	1.53376	1.35569	1.46310	1.52947
	GRADIENT	-.00025	-.00137	.00706	.01811	.02584	.02963	.02740	.00509	.00452

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (PGY006) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-3.060	1.91639	1.69824	1.62939	1.45503	1.20286	.94396	.72765	1.57693	1.63414
2.495	-1.994	1.91626	1.70313	1.64321	1.47965	1.23466	.97832	.75851	1.58828	1.64494
2.495	-.048	1.91647	1.70506	1.66287	1.52151	1.29165	1.04161	.81492	1.60271	1.66028
2.495	2.010	1.91652	1.70832	1.68529	1.56807	1.35500	1.11185	.87824	1.61886	1.67882
2.495	3.973	1.91622	1.70061	1.69495	1.60260	1.40800	1.17425	.93833	1.62532	1.68242
2.495	5.968	1.91641	1.68542	1.69641	1.62810	1.45379	1.23068	.99396	1.62304	1.68129
2.494	7.982	1.91644	1.66983	1.69846	1.65504	1.50186	1.28891	1.05221	1.62166	1.67860
2.495	9.988	1.91658	1.64707	1.69288	1.67336	1.54003	1.34199	1.10912	1.60965	1.66784
2.494	11.981	1.91616	1.62146	1.68430	1.68839	1.58008	1.39547	1.16769	1.59780	1.65622
2.494	14.017	1.91649	1.58983	1.66995	1.69820	1.61274	1.44465	1.22554	1.57778	1.63714
2.494	16.004	1.91630	1.55318	1.64831	1.70132	1.64046	1.49203	1.28320	1.55404	1.61247
2.494	18.261	1.91656	1.50650	1.61833	1.69798	1.66387	1.53671	1.34248	1.52027	1.57903
2.494	19.676	1.91638	1.47256	1.59368	1.69028	1.67344	1.56131	1.37662	1.49366	1.55268
	GRADIENT	-.00000	.00047	.00951	.02118	.02935	.03289	.02998	.00697	.00715

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.657	-3.120	2.02014	1.69333	1.62348	1.44663	1.19012	.92685	.71103	1.56982	1.62845
2.657	-1.959	2.02012	1.69946	1.63919	1.47506	1.22697	.96723	.74688	1.58314	1.64118
2.657	-.015	2.02033	1.70318	1.66051	1.51720	1.28300	1.02928	.80353	1.59875	1.65654
2.657	1.969	2.02033	1.69615	1.67182	1.55507	1.34179	1.09662	.86552	1.60696	1.66487
2.657	3.913	2.01957	1.68642	1.67995	1.58722	1.39027	1.15421	.91957	1.61158	1.66852
2.657	5.951	2.01959	1.67485	1.68475	1.61475	1.43688	1.21045	.97496	1.61131	1.66983
2.657	7.942	2.01989	1.66071	1.68841	1.64289	1.48582	1.27146	1.03563	1.60923	1.66906
2.657	9.888	2.01952	1.63700	1.68056	1.65832	1.52244	1.32033	1.08726	1.59836	1.65773
2.657	11.876	2.01920	1.60664	1.66694	1.67001	1.56004	1.37502	1.14814	1.58041	1.64017
2.657	13.913	2.01957	1.58043	1.65760	1.68371	1.59399	1.42349	1.20288	1.56459	1.62783
2.657	15.932	2.01946	1.54073	1.63486	1.68578	1.62236	1.47081	1.26076	1.53974	1.60066
2.657	17.947	2.01950	1.50406	1.61203	1.68625	1.64462	1.51141	1.31223	1.51198	1.57634
2.657	19.410	2.01975	1.47231	1.59136	1.68561	1.66332	1.54528	1.35455	1.49013	1.55271
	GRADIENT	.00006	.00100	.00707	.01008	.02057	.02743	.02976	.00595	.00566

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (QGY006) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 59/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.007	-2.895	2.09866	1.23831	1.36390	1.19155	1.25514	.98941	1.05399
2.007	-1.789	2.09877	1.24677	1.37667	1.22088	1.28616	1.02005	1.08740
2.007	.164	2.09925	1.25274	1.38857	1.26547	1.33374	1.06646	1.13902
2.007	2.143	2.09911	1.25506	1.39349	1.30635	1.37780	1.11411	1.18966
2.007	4.138	2.09819	1.25535	1.39561	1.34597	1.41805	1.15709	1.23495
2.007	5.942	2.09802	1.25323	1.39374	1.37752	1.45218	1.19387	1.27440
2.007	8.132	2.09743	1.24564	1.38619	1.41349	1.48872	1.23698	1.31918
2.007	10.138	2.09735	1.23398	1.37709	1.43999	1.51739	1.27253	1.35721
2.007	12.232	2.09732	1.21805	1.35993	1.46363	1.53998	1.30640	1.39149
2.007	14.172	2.09679	1.20102	1.34114	1.47848	1.55574	1.33176	1.42021
2.007	16.176	2.09668	1.18318	1.31888	1.49822	1.57504	1.36170	1.44903
2.007	18.190	2.09722	1.15789	1.29118	1.50576	1.58156	1.38350	1.46925
2.007	19.472	2.09732	1.14447	1.27735	1.51068	1.58718	1.39692	1.48523
	GRADIENT	-.00004	.00225	.00431	.02182	.02309	.02379	.02570

RUN NO. 58/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.274	-2.927	2.16973	1.22164	1.36536	1.17953	1.25159	.96804	1.04418
2.274	-1.801	2.16947	1.22447	1.37072	1.20415	1.27844	.99455	1.07185
2.274	.167	2.16947	1.23110	1.37962	1.24807	1.32486	1.04195	1.12245
2.274	2.107	2.16918	1.23203	1.38006	1.28713	1.36389	1.08483	1.16709
2.274	4.063	2.16771	1.23726	1.38186	1.32881	1.40300	1.13254	1.21375
2.274	6.077	2.16725	1.23533	1.38246	1.36704	1.44396	1.17698	1.25943
2.274	8.052	2.16659	1.22906	1.37384	1.39677	1.47416	1.21404	1.29968
2.274	10.029	2.16621	1.21980	1.36914	1.42951	1.50797	1.25457	1.34169
2.274	12.091	2.16589	1.20624	1.35380	1.45435	1.53421	1.28808	1.37820
2.274	14.112	2.16557	1.18953	1.34290	1.47768	1.56154	1.32148	1.41693
2.274	16.099	2.16531	1.16788	1.32253	1.49121	1.57722	1.34611	1.44532
2.274	18.294	2.16534	1.14330	1.30251	1.50423	1.59514	1.37256	1.47797
2.274	19.543	2.16476	1.12629	1.28808	1.51187	1.60435	1.38730	1.49603
	GRADIENT	-.00025	.00215	.00231	.02131	.02165	.02344	.02426

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (QGY006) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.050 PHI = .000
Q(PSF) = 500.000

RUN NO. 56/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-3.060	1.91639	1.25500	1.38151	1.20262	1.26620	.98405	1.05224
2.495	-1.994	1.91626	1.26183	1.38899	1.22929	1.29373	1.01271	1.08129
2.495	-.048	1.91647	1.26881	1.39874	1.27618	1.34253	1.06328	1.13380
2.495	2.010	1.91652	1.27524	1.41272	1.32748	1.39812	1.11753	1.19260
2.495	3.973	1.91622	1.27734	1.41053	1.37104	1.44121	1.16656	1.24209
2.495	5.968	1.91641	1.27184	1.40956	1.40541	1.47795	1.20806	1.28594
2.494	7.982	1.91644	1.26516	1.40220	1.44378	1.51481	1.25094	1.32900
2.495	9.988	1.91658	1.25333	1.39447	1.46970	1.54478	1.28651	1.36950
2.494	11.981	1.91616	1.23950	1.38088	1.49776	1.57361	1.32310	1.40800
2.494	14.017	1.91649	1.21993	1.36432	1.51844	1.59505	1.35354	1.44095
2.494	16.004	1.91630	1.19977	1.34311	1.53433	1.61327	1.38251	1.47313
2.494	18.261	1.91656	1.16952	1.31314	1.54535	1.62544	1.40752	1.49875
2.494	19.676	1.91638	1.14677	1.29211	1.54620	1.62681	1.41881	1.51131
	GRADIENT	-.00000	.00315	.00446	.02405	.02513	.02598	.02717

RUN NO. 57/ 0 RN/L = 2.26 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.657	-3.120	2.02014	1.24[illegible]	1.37127	1.19139	1.25510	.96798	1.03473
2.657	-1.959	2.02012	1.24874	1.38055	1.22184	1.28836	1.00080	1.06954
2.657	-.015	2.02033	1.25825	1.39124	1.26850	1.33646	1.05141	1.12297
2.657	1.969	2.02033	1.26097	1.39571	1.31490	1.38542	1.10187	1.17728
2.657	3.913	2.01957	1.25936	1.39434	1.35471	1.42400	1.14783	1.22255
2.657	5.951	2.01959	1.25364	1.39476	1.38887	1.46370	1.18811	1.26849
2.657	7.942	2.01989	1.24912	1.39479	1.42511	1.50316	1.23229	1.31697
2.657	9.888	2.01952	1.23599	1.38423	1.45129	1.53038	1.26472	1.35298
2.657	11.876	2.01920	1.21895	1.36800	1.47560	1.55607	1.30110	1.39227
2.657	13.913	2.01957	1.20170	1.35648	1.49788	1.58209	1.33093	1.42636
2.657	15.932	2.01946	1.17 [illegible]6	1.33173	1.51442	1.59809	1.35990	1.45706
2.657	17.947	2.01950	1.15349	1.31138	1.52380	1.61143	1.38115	1.48128
	GRADIENT	-.00006	.00249	.00330	.02327	.02408	.02556	.02680

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.995	-2.879	-.00043	300.38208	1.50022	107.85104	836.93628	1.65639	547.83301	.00000
1.995	-1.876	-.00041	299.45996	1.50022	107.53209	834.31567	1.65637	547.94360	.00000
1.995	.082	-.00060	299.98047	1.50022	107.71785	835.77124	1.65638	548.49658	.00000
1.995	2.088	-.00062	300.18262	1.50022	107.78380	836.36182	1.65638	548.05420	.00000
1.995	4.039	-.00052	300.09912	1.50022	107.75331	836.13184	1.65638	547.88843	.00000
1.995	6.058	-.00021	299.85547	1.50022	107.66924	835.43848	1.65638	547.94360	.00000
1.995	8.060	-.00002	299.85352	1.50022	107.67834	835.39136	1.65636	548.99390	.00000
1.995	9.961	.00011	299.98389	1.50022	107.72360	835.76099	1.65636	548.99390	.00000
1.995	12.018	.00052	299.84253	1.50022	107.67554	835.35522	1.65636	549.10425	.00000
1.995	14.022	.00116	299.87085	1.50022	107.68533	835.43433	1.65636	549.10425	.00000
1.995	16.049	-.00033	299.88135	1.50022	107.68097	835.49097	1.65637	548.44141	.00000
1.995	18.104	.00092	299.83496	1.50022	107.67337	835.33154	1.65636	549.15942	.00000
1.995	20.166	-.00017	299.83936	1.50022	107.67439	835.34644	1.65636	549.10425	.00000
1.995	21.172	-.00030	299.95337	1.50022	107.71199	835.67871	1.65636	548.88330	.00000
	GRADIENT	-.00002	.02067	.00000	.00723	.05845	-.00000	.00708	.00000

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.259	-2.911	.28754	302.22949	1.57636	84.60271	992.23901	1.69474	550.87134	.00000
2.259	-1.920	.28763	304.36328	1.57636	85.18001	999.42480	1.69477	550.87134	.00000
2.259	.077	.28813	304.57910	1.57636	85.24884	1000.05835	1.69476	552.30615	.00000
2.259	2.013	.28847	304.61426	1.57636	85.24796	1000.26953	1.69478	550.87134	.00000
2.259	3.972	.28892	304.51050	1.57636	85.21988	999.91992	1.69478	550.87134	.00000
2.259	5.966	.28935	304.67065	1.57636	85.26445	1000.44849	1.69478	551.03711	.00000
2.259	7.924	.28987	304.35889	1.57636	85.18405	999.36328	1.69477	551.58887	.00000
2.259	9.965	.29014	304.44287	1.57636	85.20676	999.64575	1.69477	551.58887	.00000
2.259	12.002	.29078	304.52539	1.57636	85.23198	999.89893	1.69476	551.97510	.00000
2.259	13.929	.29166	304.33691	1.57636	85.18056	999.26709	1.69476	551.91992	.00000
2.259	15.988	.29002	304.71411	1.57636	85.28415	1000.52222	1.69477	552.14062	.00000
2.259	18.014	.29224	304.45093	1.57636	85.21220	999.64526	1.69476	552.03027	.00000
2.259	20.056	.29103	304.57617	1.57636	85.24567	1000.06934	1.69477	551.97510	.00000
2.259	21.087	.29050	304.51855	1.57636	85.23128	999.86621	1.69477	552.14062	.00000
	GRADIENT	.00020	.24272	.00000	.06562	.81780	.00000	-.00767	.00000

OA234 LERC 10SWT 42 LHFN.1S RHA .2P/S (AGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.478	-2.981	-.18033	302.30371	1.62752	70.35457	1160.84399	2.81968	555.55835	.00000
2.477	-2.006	-.18020	301.03636	1.62752	70.06975	1155.82178	2.83155	555.66870	.00000
2.478	.007	-.17989	303.37964	1.62752	70.59431	1165.13818	2.80968	555.11792	.00000
2.478	1.900	-.18053	303.49121	1.62752	70.62265	1165.53149	2.80865	555.66870	.00000
2.478	3.898	-.18039	303.93506	1.62752	70.72389	1167.26709	2.80455	555.88916	.00000
2.478	5.856	-.18046	303.95361	1.62752	70.72708	1167.35522	2.80438	555.72388	.00000
2.478	7.842	-.18039	303.99902	1.62752	70.73636	1167.54932	2.80396	555.55859	.00000
2.478	9.843	-.18030	303.15601	1.62752	70.54713	1164.20557	2.81176	555.66870	.00000
2.478	11.855	-.18005	303.31274	1.62752	70.58148	1164.84009	2.81030	555.50342	.00000
2.478	13.855	-.17960	303.26343	1.62752	70.57009	1164.65137	2.81076	555.44849	.00000
2.478	15.906	-.17949	303.27979	1.62752	70.57149	1164.74854	2.81061	555.06274	.00000
2.478	17.895	-.17974	303.29517	1.62752	70.57684	1164.78076	2.81047	555.39331	.00000
2.478	19.957	-.17998	303.24121	1.62752	70.56441	1164.57227	2.81097	555.33813	.00000
2.478	20.984	-.18027	303.31494	1.62752	70.58070	1164.86719	2.81028	555.28320	.00000
	GRADIENT	-.00003	.33994	-.00000	.07679	1.34104	-.00316	.03980	.00000

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.641	-3.021	-.11936	307.18311	1.76485	62.90204	1337.88452	1.73224	559.74146	.00000
2.641	-2.066	-.11913	307.87158	1.76485	63.04735	1340.78735	1.73224	559.68652	.00000
2.641	-.046	-.11867	307.42017	1.76485	62.95503	1338.79980	1.73224	558.91650	.00000
2.641	1.847	-.11896	307.43677	1.76485	62.95778	1338.90405	1.73224	559.24658	.00000
2.641	3.814	-.11865	307.26929	1.76485	62.92277	1338.19141	1.73224	559.19165	.00000
2.641	5.828	-.11863	307.21997	1.76485	62.91213	1337.98804	1.73224	559.24634	.00000
2.641	7.822	-.11851	307.37085	1.76485	62.94464	1338.60815	1.73224	559.08179	.00000
2.641	9.811	-.11839	307.26758	1.76485	62.92368	1338.15601	1.73223	558.91650	.00000
2.641	11.808	-.11836	307.45337	1.76485	62.96332	1338.92847	1.73223	558.80640	.00000
2.641	13.799	-.11750	307.35083	1.76485	62.93991	1338.53564	1.73223	559.19165	.00000
2.641	15.826	-.11866	307.17261	1.76485	62.90110	1337.80566	1.73224	559.41162	.00000
2.641	17.864	-.11744	307.34180	1.76485	62.93829	1338.53687	1.73224	559.57666	.00000
2.641	19.897	-.11788	307.22534	1.76485	62.91225	1338.03540	1.73225	559.46655	.00000
2.641	20.933	-.11826	307.25391	1.76485	62.91873	1338.14258	1.73224	559.35645	.00000
	GRADIENT	.00009	-.02459	.00000	-.00478	-.11274	.00000	-.08487	.00000

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (PGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
1.995	-2.879	-.00043	1.63977	1.58186	1.41634	1.18650	.95264	.74919	1.54854	1.56322
1.995	-1.876	-.00041	1.64468	1.59523	1.44022	1.21756	.98640	.77802	1.56110	1.57510
1.995	.082	-.00060	1.64850	1.61661	1.48309	1.27369	1.04673	.83148	1.57657	1.59076
1.995	2.088	-.00062	1.65110	1.63502	1.52239	1.32820	1.10650	.88569	1.59074	1.60490
1.995	4.039	-.00052	1.64520	1.64419	1.55589	1.37812	1.16500	.94269	1.59632	1.60903
1.995	6.058	-.00021	1.63281	1.64879	1.58365	1.42724	1.22381	1.00134	1.59756	1.61145
1.995	8.060	-.00002	1.61751	1.64932	1.60570	1.46863	1.27668	1.05632	1.59520	1.60695
1.995	9.961	.00011	1.59658	1.64492	1.62472	1.50638	1.32699	1.11102	1.58435	1.59827
1.995	12.018	.00052	1.56847	1.63297	1.63501	1.54027	1.37585	1.16762	1.56919	1.58269
1.995	14.022	.00116	1.53628	1.61638	1.64256	1.57009	1.42177	1.22145	1.54923	1.56252
1.995	16.049	-.00033	1.50001	1.59571	1.64426	1.59545	1.46505	1.27626	1.52376	1.53756
1.995	18.104	.00092	1.45883	1.56909	1.64152	1.61640	1.50732	1.32993	1.49339	1.50947
1.995	20.166	-.00017	1.42145	1.54473	1.64059	1.63844	1.54832	1.38528	1.46540	1.48296
1.995	21.172	-.00030	1.40159	1.53062	1.63749	1.64753	1.56795	1.41217	1.44984	1.46816
	GRADIENT	-.00002	.00088	.00914	.02021	.02767	.03055	.02779	.00692	.00671

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.259	-2.911	.28754	1.65714	1.59683	1.42097	1.17760	.93227	.73147	1.55929	1.57688
2.259	-1.920	.28763	1.66009	1.60865	1.44483	1.20876	.96427	.75921	1.56860	1.58530
2.259	.077	.28813	1.65803	1.62361	1.48297	1.26265	1.02566	.81087	1.58080	1.59745
2.259	2.013	.28847	1.65533	1.63762	1.51818	1.31341	1.08356	.86455	1.59156	1.60652
2.259	3.972	.28892	1.64799	1.64611	1.55160	1.36438	1.14275	.91872	1.59271	1.61358
2.259	5.966	.28935	1.63499	1.64940	1.57799	1.40995	1.19788	.97325	1.59249	1.61265
2.259	7.924	.28987	1.61832	1.64905	1.60160	1.45456	1.25288	1.02869	1.58924	1.60872
2.259	9.965	.29014	1.59653	1.64456	1.62043	1.49602	1.30904	1.08772	1.57880	1.60254
2.259	12.002	.29078	1.57173	1.63721	1.63713	1.53538	1.36072	1.14509	1.56535	1.59053
2.259	13.929	.29166	1.54654	1.62722	1.65022	1.56964	1.41216	1.20280	1.55292	1.57628
2.259	15.988	.29002	1.51106	1.60775	1.65360	1.59640	1.45510	1.25655	1.52878	1.55050
2.259	18.014	.29224	1.47500	1.58603	1.65598	1.62346	1.50328	1.31586	1.50409	1.52732
2.259	20.056	.29103	1.43490	1.56083	1.65618	1.64841	1.54811	1.37281	1.47603	1.49792
2.259	21.087	.29050	1.40928	1.54242	1.65125	1.65549	1.56646	1.39816	1.45540	1.47877
	GRADIENT	.00020	-.00138	.00712	.01882	.02695	.03050	.02711	.00498	.00528

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (PGY007) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.478	-2.981	-.18033	1.69846	1.63505	1.45305	1.19902	.94355	.73424	1.59989	1.61154
2.477	-2.006	-.18020	1.70163	1.64852	1.47696	1.23119	.97987	.76398	1.61129	1.62277
2.478	.007	-.17969	1.70240	1.66716	1.51961	1.28922	1.04278	.82006	1.62415	1.63664
2.478	1.900	-.18053	1.70355	1.68366	1.55813	1.34273	1.10213	.87526	1.63741	1.64890
2.478	3.898	-.18039	1.69585	1.69211	1.59124	1.39520	1.16433	.93133	1.64259	1.65314
2.478	5.856	-.18046	1.68390	1.69790	1.62207	1.44583	1.22543	.99033	1.64414	1.65397
2.478	7.842	-.18039	1.67311	1.70529	1.65468	1.49900	1.28881	1.05231	1.64684	1.65641
2.478	9.843	-.18030	1.65300	1.70308	1.67576	1.54166	1.34373	1.10873	1.63947	1.65123
2.478	11.855	-.18005	1.62702	1.69327	1.69080	1.57872	1.39438	1.16513	1.62489	1.63576
2.478	13.855	-.17960	1.59384	1.67672	1.69768	1.61041	1.44312	1.22164	1.60452	1.61636
2.478	15.906	-.17949	1.55779	1.65591	1.70057	1.64025	1.49189	1.27963	1.58128	1.59271
2.478	17.895	-.17974	1.52014	1.63327	1.70108	1.66207	1.53104	1.32944	1.55289	1.56653
2.478	19.957	-.17998	1.46940	1.59810	1.69291	1.67872	1.56827	1.37941	1.51499	1.52851
2.478	20.984	-.18027	1.44076	1.57682	1.68323	1.68181	1.58463	1.40506	1.49203	1.50584
	GRADIENT	-.00003	-.00027	.00834	.02015	.02844	.03184	.02859	.00621	.00608

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.641	-3.021	-.11936	1.68508	1.62043	1.43621	1.17995	.92519	.71921	1.58459	1.59659
2.641	-2.066	-.11913	1.68735	1.63098	1.45790	1.20921	.95422	.74455	1.59411	1.60650
2.641	-.046	-.11867	1.69343	1.65543	1.50468	1.26964	1.01957	.79906	1.61270	1.62531
2.641	1.847	-.11896	1.69033	1.67124	1.54308	1.32403	1.08147	.85390	1.62292	1.63621
2.641	3.814	-.11865	1.68328	1.68007	1.57522	1.37499	1.14202	.91370	1.62850	1.64083
2.641	5.828	-.11863	1.67030	1.68349	1.60639	1.42852	1.20764	.97434	1.62885	1.64004
2.641	7.822	-.11851	1.65884	1.69027	1.63909	1.47950	1.26647	1.02977	1.63005	1.64333
2.641	9.811	-.11839	1.63510	1.68387	1.65508	1.52063	1.32295	1.08964	1.61824	1.63200
2.641	11.808	-.11836	1.61329	1.68074	1.67673	1.56263	1.37607	1.14571	1.60978	1.62400
2.641	13.798	-.11750	1.58298	1.66666	1.68691	1.59659	1.42564	1.20150	1.59212	1.60710
2.641	15.826	-.11855	1.54746	1.64694	1.68989	1.62404	1.47172	1.25659	1.56925	1.58385
2.641	17.864	-.11744	1.50471	1.61784	1.68479	1.64348	1.51202	1.31095	1.53634	1.55056
2.641	19.897	-.11788	1.46141	1.59057	1.68302	1.66691	1.55273	1.35933	1.50571	1.52190
2.641	20.933	-.11826	1.43412	1.57085	1.67686	1.67336	1.57155	1.38587	1.48475	1.50007

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (QGY007) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 25/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
1.995	-2.879	-.00043	1.28745	1.30770	1.21848	1.22301	1.01686	1.02840
1.995	-1.876	-.00041	1.29512	1.31810	1.24585	1.24987	1.04522	1.05676
1.995	.082	-.00060	1.30093	1.32608	1.29215	1.29663	1.09302	1.10557
1.995	2.088	-.00062	1.30742	1.33546	1.33666	1.34253	1.13980	1.15333
1.995	4.039	-.00052	1.30860	1.33665	1.37731	1.38385	1.18607	1.19841
1.995	6.058	-.00021	1.30531	1.33551	1.41474	1.42222	1.23000	1.24257
1.995	8.060	-.00002	1.29861	1.32879	1.44682	1.45428	1.26776	1.28051
1.995	9.961	.00011	1.28555	1.31876	1.47266	1.48200	1.30275	1.31588
1.995	12.018	.00052	1.26977	1.30415	1.49578	1.50511	1.33434	1.35027
1.995	14.022	.00116	1.25160	1.28633	1.51368	1.52560	1.36420	1.37929
1.995	16.049	-.00033	1.22812	1.26518	1.52822	1.54020	1.39024	1.40568
1.995	18.104	.00092	1.19951	1.24271	1.53677	1.55252	1.41115	1.43147
1.995	20.166	-.00017	1.17496	1.22321	1.54688	1.56523	1.43464	1.45747
1.995	21.172	-.00030	1.16125	1.21136	1.54857	1.56933	1.44451	1.46784
	GRADIENT	-.00002	.00299	.00412	.02286	.02320	.02426	.02446

RUN NO. 26/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.259	-2.911	.28754	1.27579	1.30339	1.21001	1.21602	.99762	1.01133
2.259	-1.920	.28763	1.27943	1.30812	1.23513	1.24197	1.02293	1.03875
2.259	.077	.28813	1.28736	1.31841	1.28007	1.28877	1.07346	1.08907
2.259	2.013	.28847	1.29081	1.32351	1.32239	1.33035	1.11787	1.13466
2.259	3.972	.28892	1.28738	1.32816	1.36047	1.37427	1.16238	1.18191
2.259	5.966	.28935	1.28148	1.32667	1.39500	1.41136	1.20031	1.22522
2.259	7.924	.28987	1.27505	1.32452	1.42902	1.44537	1.24184	1.26699
2.259	9.965	.29014	1.26282	1.32053	1.45755	1.47976	1.27908	1.30988
2.259	12.002	.29078	1.24928	1.30712	1.48375	1.50782	1.31426	1.34545
2.259	13.929	.29166	1.23542	1.29603	1.50695	1.53218	1.34916	1.38051
2.259	15.988	.29002	1.21375	1.27137	1.52365	1.54697	1.37539	1.40544
2.259	18.014	.29224	1.19173	1.25211	1.53793	1.56409	1.40367	1.43456
2.259	20.056	.29103	1.16468	1.22559	1.55094	1.57636	1.42804	1.45972
2.259	21.087	.29050	1.14543	1.20980	1.55020	1.57846	1.43502	1.46817
	GRADIENT	.00020	.00189	.00363	.02186	.02282	.02394	.02464

0A234 LERC 10SWT 42 LHFN.1S RHA .2P/S (QGY007) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.007 PHI = .000
Q(PSF) = 300.000

RUN NO. 28/ 0 RN/L = 1.63 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.478	-2.981	-.18033	1.30859	1.32324	1.23548	1.23530	1.01620	1.02326
2.477	-2.006	-.18020	1.31763	1.33214	1.26302	1.26405	1.04550	1.05331
2.478	.007	-.17969	1.32111	1.33936	1.31164	1.31261	1.09717	1.10409
2.478	1.900	-.18053	1.32856	1.34633	1.35668	1.35689	1.14510	1.15109
2.478	3.898	-.18039	1.33010	1.34837	1.39878	1.40015	1.19285	1.19897
2.478	5.856	-.18046	1.32836	1.34641	1.43720	1.43946	1.23851	1.24470
2.478	7.842	-.18039	1.32354	1.34697	1.47861	1.48272	1.28606	1.29434
2.478	9.843	-.18030	1.31325	1.34023	1.50990	1.51470	1.32389	1.33310
2.478	11.855	-.18005	1.29791	1.32653	1.53423	1.54042	1.35818	1.36785
2.478	13.855	-.17960	1.27923	1.30957	1.55459	1.56147	1.38913	1.40010
2.478	15.906	-.17949	1.25582	1.28920	1.57141	1.58137	1.41751	1.43102
2.478	17.895	-.17974	1.22881	1.26722	1.58215	1.59255	1.44079	1.45106
2.478	19.957	-.17998	1.19503	1.23701	1.58602	1.59926	1.45740	1.47296
2.478	20.984	-.18027	1.17484	1.21845	1.58392	1.59740	1.46337	1.47992
	GRADIENT	-.00003	.00296	.00355	.02371	.02382	.02556	.02534

RUN NO. 31/ 0 RN/L = 1.76 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.641	-3.021	-.11936	1.28706	1.30324	1.21669	1.21705	.99587	1.00455
2.641	-2.066	-.11913	1.29302	1.30922	1.24011	1.24203	1.02065	1.02882
2.641	-.046	-.11867	1.30391	1.32319	1.29264	1.29412	1.07523	1.08325
2.641	1.847	-.11896	1.31004	1.33056	1.33709	1.34012	1.12324	1.13283
2.641	3.814	-.11865	1.30989	1.33253	1.37738	1.38129	1.16992	1.17910
2.641	5.828	-.11863	1.30811	1.33144	1.41926	1.42432	1.21921	1.22938
2.641	7.822	-.11851	1.30456	1.33279	1.45838	1.46691	1.26328	1.27511
2.641	9.811	-.11839	1.28960	1.32078	1.48762	1.49542	1.30150	1.31374
2.641	11.808	-.11836	1.27853	1.31245	1.51754	1.52624	1.33800	1.35043
2.641	13.799	-.11750	1.25994	1.29819	1.53984	1.55039	1.37051	1.38472
2.641	15.826	-.11855	1.23680	1.27735	1.55512	1.56730	1.39713	1.41315
2.641	17.864	-.11744	1.20815	1.25012	1.56177	1.57557	1.41808	1.43512
2.641	18.887	-.11788	1.19107	1.23570	1.57375	1.58778	1.44145	1.45790
2.641	20.933	-.11820	1.16100	1.20855	1.57303	1.58762	1.45855	1.47615
	GRADIENT	.00009	.00349	.00448	.02374	.02420	.02560	.02575

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.863	-.00081	497.78516	2.40052	176.23209	1397.85620	1.65878	557.98145	.00000
2.009	-1.864	-.00122	497.87185	2.40052	176.27025	1398.06567	1.65878	558.69653	.00000
2.009	.086	-.00167	497.76318	2.40052	176.23929	1397.72827	1.65877	559.24683	.00000
2.009	2.088	-.00161	498.00171	2.40052	176.32748	1398.38086	1.65876	559.74170	.00000
2.009	4.119	-.00109	497.99097	2.40052	176.32816	1398.32861	1.65876	560.12671	.00000
2.009	6.129	-.00118	497.88721	2.40052	176.29698	1398.01538	1.65876	560.51172	.00000
2.009	8.112	-.00095	497.84790	2.40052	176.29131	1397.88597	1.65875	561.17139	.00000
2.009	10.065	-.00061	498.16797	2.40052	176.40411	1398.76831	1.65875	561.39111	.00000
2.009	12.103	-.00038	497.93359	2.40052	176.33054	1398.06934	1.65874	561.99585	.00000
2.008	14.160	.00003	497.90698	2.40052	176.32675	1397.96729	1.65873	562.43530	.00000
2.008	16.122	.00083	497.93433	2.40052	176.33809	1398.03540	1.65873	562.60010	.00000
2.008	18.211	.00017	498.07959	2.40052	176.39275	1398.43042	1.65873	562.98462	.00000
2.008	20.216	-.00167	498.14990	2.40052	176.42152	1398.61157	1.65873	563.36890	.00000
2.008	21.289	-.00161	497.80542	2.40052	176.30598	1397.61304	1.65872	563.64355	.00000
	GRADIENT	-.00004	.03026	-.00000	.01385	.07080	-.00000	.29048	.00000

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.883	.28551	502.88599	2.46528	138.74706	1669.63696	1.69673	569.73242	.00000
2.275	-1.880	.28584	503.08154	2.46528	138.80492	1670.24927	1.69673	570.28027	.00000
2.275	-.025	.29601	502.71167	2.46528	138.70824	1668.96997	1.69672	570.49927	.00000
2.275	2.052	.23648	502.82886	2.46528	138.74290	1669.33667	1.69672	570.82788	.00000
2.275	3.932	.28727	502.76489	2.46528	138.72749	1669.10229	1.69671	570.99219	.00000
2.275	5.994	.28781	502.99146	2.46528	138.79149	1669.84106	1.69671	571.32104	.00000
2.275	7.992	.28826	502.83667	2.46528	138.74947	1669.32104	1.69671	571.26611	.00000
2.275	9.965	.28862	502.88647	2.46528	138.76830	1669.43750	1.69670	571.81372	.00000
2.275	12.063	.28959	503.04834	2.46528	138.81613	1669.94482	1.69671	572.25171	.00000
2.275	14.067	.29070	502.97314	2.46528	138.79817	1669.67114	1.69670	572.47070	.00000
2.275	16.136	.29117	503.13086	2.46528	138.84325	1670.18115	1.69670	572.74438	.00000
2.275	18.068	.29151	502.77588	2.46528	138.75157	1668.94312	1.69670	573.07300	.00000
2.275	20.151	.28947	502.88232	2.46528	138.78348	1669.27295	1.69669	573.40112	.00000
2.275	21.149	.28909	502.87891	2.46528	138.78430	1669.24463	1.69669	573.56519	.00000
	GRADIENT	.00024	-.02943	-.00000	-.00615	-.11555	-.00000	.16886	.00000

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (AGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.012	-.17972	500.11035	2.55996	114.73987	1946.22729	1.70565	570.77319	.00000
2.495	-1.994	-.17974	500.03052	2.55996	114.72356	1945.88403	1.70613	570.99219	.00000
2.495	-.182	-.17988	500.00513	2.55996	114.72031	1945.74487	1.70621	571.32080	.00000
2.495	1.884	-.18039	499.81299	2.55996	114.67850	1944.96045	1.70687	571.48486	.00000
2.495	3.910	-.18015	500.47070	2.55996	114.82947	1947.51929	1.70463	572.03271	.00000
2.495	5.904	-.18060	500.92261	2.55996	114.93375	1949.26685	1.70309	572.47070	.00000
2.495	7.902	-.18067	500.59302	2.55996	114.86237	1947.91602	1.70421	572.79883	.00000
2.495	9.843	-.18082	500.48853	2.55996	114.84247	1947.44360	1.70457	573.29150	.00000
2.495	11.855	-.18022	500.38843	2.55996	114.82129	1947.02661	1.70491	573.45557	.00000
2.495	13.920	-.18027	500.48706	2.55996	114.84650	1947.37329	1.70457	573.79355	.00000
2.495	15.902	-.18025	500.51025	2.55996	114.86906	1947.18457	1.70448	576.30005	.00000
2.495	17.957	-.18041	500.53491	2.55996	114.86319	1947.46704	1.70441	574.71411	.00000
2.495	20.019	-.18117	500.65186	2.55996	114.89041	1947.91455	1.70401	574.87842	.00000
2.495	21.042	-.18137	500.42603	2.55996	114.84116	1946.99536	1.70478	575.04248	.00000
	GRADIENT	-.00009	.03271	-.00000	.00853	.11097	-.00011	.16949	.00000

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.061	-.11886	434.31738	2.27820	87.58469	1922.09888	1.73382	573.18188	.00000
2.662	-2.034	-.11880	434.54492	2.27820	87.63225	1923.06567	1.73381	573.45532	.00000
2.662	-.104	-.11885	434.50146	2.27820	87.62607	1922.81616	1.73380	573.51025	.00000
2.661	1.847	-.11891	434.46509	2.27820	87.62257	1922.56543	1.73381	573.61963	.00000
2.662	3.834	-.11848	434.46680	2.27820	87.61995	1922.64160	1.73381	573.51001	.00000
2.661	5.812	-.11846	434.30737	2.27820	87.60197	1921.60767	1.73379	573.89331	.00000
2.661	7.830	-.11835	434.29883	2.27820	87.60191	1921.53467	1.73379	573.94800	.00000
2.661	9.823	-.11825	434.41724	2.27820	87.63304	1921.88770	1.73378	574.33130	.00000
2.661	11.836	-.11812	434.38501	2.27820	87.62160	1921.86035	1.73379	574.11230	.00000
2.661	13.860	-.11725	434.65479	2.27820	87.67665	1923.04224	1.73378	574.38574	.00000
2.661	15.863	-.11712	434.56860	2.27820	87.65996	1922.64307	1.73379	574.33105	.00000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.661	19.914	-.11770	434.26123	2.27820	87.62297	1920.70679	1.73376	574.98755	.00000
2.661	20.995	-.11827	434.80737	2.27820	87.71092	1923.63232	1.73378	574.65918	.00000
	GRADIENT	.00004	.00935	.00000	.00280	.02032	-.00000	.04257	.00000

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (PGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.009	-2.863	-.00081	1.64101	1.58295	1.41814	1.18819	.95276	.74119	1.55117	1.56431
2.009	-1.864	-.00122	1.64773	1.59767	1.44342	1.21999	.98595	.77016	1.56311	1.57688
2.009	.086	-.00167	1.65017	1.61745	1.48556	1.27680	1.04787	.82504	1.57934	1.59274
2.009	2.088	-.00161	1.65409	1.63801	1.52710	1.33395	1.11003	.88202	1.59409	1.60854
2.009	4.119	-.00109	1.64908	1.64946	1.56180	1.38424	1.16791	.93820	1.60160	1.61565
2.009	6.129	-.00118	1.63397	1.64932	1.58577	1.42897	1.22475	.99753	1.59858	1.61160
2.009	8.112	-.00095	1.61593	1.64838	1.60968	1.47322	1.27979	1.05520	1.59348	1.60678
2.009	10.065	-.00061	1.59443	1.64340	1.62622	1.50973	1.32938	1.10954	1.58278	1.59790
2.009	12.103	-.00038	1.56892	1.63444	1.64052	1.54650	1.38056	1.16669	1.57065	1.58417
2.008	14.160	.00003	1.53866	1.61938	1.64786	1.57677	1.42870	1.22428	1.55292	1.56476
2.008	16.122	.00083	1.50126	1.59744	1.64846	1.60164	1.47003	1.27686	1.52760	1.54066
2.008	18.211	.00017	1.45805	1.56806	1.64375	1.61949	1.50872	1.32948	1.49345	1.50656
2.008	20.216	-.00167	1.41513	1.53781	1.63744	1.63615	1.54604	1.38109	1.46046	1.47503
2.008	21.289	-.00161	1.39419	1.52226	1.63279	1.54406	1.56386	1.40702	1.44431	1.46031
	GRADIENT	-.00004	.00114	.00956	.02060	.02816	.03088	.02822	.00725	.00738

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.275	-2.883	.28551	1.67425	1.61383	1.44026	1.19596	.94477	.73327	1.57590	1.59366
2.275	-1.880	.28584	1.67616	1.62491	1.46202	1.22511	.97781	.76291	1.58428	1.60347
2.275	-.025	.28601	1.67494	1.63983	1.49768	1.27558	1.03521	.81419	1.59624	1.61451
2.275	2.052	.28648	1.66771	1.65061	1.53339	1.32850	1.09508	.86985	1.60315	1.62015
2.275	3.932	.28727	1.66059	1.65920	1.56395	1.37654	1.15221	.92211	1.60714	1.62528
2.275	5.994	.28781	1.64912	1.66356	1.59239	1.42351	1.20789	.97621	1.60681	1.62710
2.275	7.992	.28826	1.63089	1.66242	1.61638	1.46884	1.26446	1.03353	1.60224	1.62208
2.275	9.965	.28862	1.60978	1.65825	1.63467	1.50772	1.31729	1.09104	1.59183	1.61362
2.275	12.063	.28959	1.58160	1.64684	1.64830	1.54496	1.37026	1.14960	1.57689	1.59879
2.275	14.067	.29070	1.55341	1.63570	1.66003	1.57982	1.42087	1.20875	1.55982	1.58380
2.275	16.136	.29117	1.51991	1.61795	1.66700	1.61038	1.46874	1.26691	1.53829	1.56177
2.275	18.068	.29151	1.48655	1.59811	1.67009	1.63747	1.51530	1.32402	1.51607	1.54018
2.275	20.151	.28947	1.44207	1.56720	1.66506	1.65820	1.55777	1.38021	1.48313	1.50629
2.275	21.149	.28909	1.41977	1.55144	1.66128	1.66471	1.57374	1.40393	1.46640	1.48840
	GRADIENT	.00024	-.00213	.00653	.01807	.02639	.03024	.02756	.00453	.00443

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (PGY008) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-3.012	-.17972	1.70786	1.64458	1.46252	1.20906	.95021	.73838	1.61065	1.62172
2.495	-1.994	-.17974	1.71090	1.65681	1.48595	1.23960	.98408	.76912	1.61923	1.63134
2.495	-.182	-.17988	1.71297	1.67501	1.52565	1.29273	1.04192	.82049	1.63381	1.64565
2.495	1.884	-.18039	1.71570	1.69558	1.56878	1.35215	1.10876	.87989	1.65070	1.66060
2.495	3.910	-.18015	1.70836	1.70665	1.60660	1.40963	1.17582	.94297	1.65637	1.66741
2.495	5.904	-.18060	1.69296	1.70730	1.63118	1.45244	1.22933	.99446	1.65173	1.66291
2.495	7.902	-.18067	1.67880	1.71105	1.66103	1.50452	1.29258	1.05663	1.65258	1.66275
2.495	9.843	-.18082	1.65804	1.70562	1.67773	1.54141	1.34250	1.11026	1.64472	1.65470
2.495	11.855	-.18022	1.63191	1.69794	1.69665	1.58490	1.39951	1.17027	1.63148	1.64142
2.495	13.920	-.18027	1.59975	1.68278	1.70420	1.61621	1.44829	1.22689	1.61050	1.62198
2.495	15.902	-.18025	1.56863	1.66737	1.71195	1.64682	1.49449	1.28164	1.59013	1.60398
2.495	17.957	-.18041	1.52532	1.63948	1.71023	1.67183	1.53900	1.33729	1.55973	1.57522
2.495	20.019	-.18117	1.47652	1.60475	1.70076	1.68825	1.57802	1.39098	1.52125	1.53620
2.495	21.042	-.18137	1.45112	1.58648	1.69562	1.69390	1.59425	1.41488	1.50188	1.51619
	GRADIENT	-.00009	.00024	.00911	.02087	.02896	.03250	.02935	.00687	.00672

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.662	-3.061	-.11886	1.70485	1.64066	1.45497	1.19604	.93274	.72354	1.60369	1.61583
2.662	-2.034	-.11880	1.71224	1.65729	1.48258	1.23165	.97041	.75533	1.61906	1.63099
2.662	-.104	-.11885	1.71326	1.67640	1.52350	1.28640	1.03207	.80953	1.63196	1.64463
2.661	1.847	-.11891	1.71153	1.69181	1.56443	1.34467	1.09843	.86939	1.64411	1.65607
2.662	3.834	-.11848	1.70109	1.69747	1.59270	1.38980	1.15182	.91985	1.64557	1.65826
2.661	5.812	-.11846	1.68951	1.70225	1.62253	1.43936	1.21393	.98086	1.64637	1.65856
2.661	7.830	-.11835	1.67115	1.70274	1.65155	1.49321	1.27893	1.04187	1.64388	1.65607
2.661	9.823	-.11825	1.65191	1.70011	1.67028	1.53132	1.32946	1.09640	1.63654	1.64899
2.661	11.836	-.11812	1.62406	1.69160	1.68980	1.57612	1.38933	1.15916	1.62257	1.63451
2.661	13.860	-.11725	1.59628	1.67913	1.69844	1.60565	1.43308	1.20898	1.60471	1.61860
2.661	15.863	-.11712	1.56283	1.66128	1.70540	1.63592	1.48019	1.26447	1.58366	1.59776
2.661	17.889	-.11706	1.52132	1.63411	1.70203	1.65887	1.52300	1.31970	1.55354	1.56764
2.661	19.914	-.11770	1.47942	1.60745	1.70153	1.68365	1.56922	1.37614	1.52311	1.53894
2.661	20.995	-.11827	1.45234	1.58816	1.69724	1.69327	1.58965	1.40371	1.50193	1.51824
	GRADIENT	.00004	-.00063	.00821	.02007	.02819	.03194	.02863	.00598	.00605

0A234 LERC 10SWT 42 LHFN.2P/S RHA .2A (QGY008) (02 MAY 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 40/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.009	-2.863	-.00081	1.28950	1.30959	1.21769	1.22412	1.01812	1.02965
2.009	-1.864	-.00122	1.29661	1.31947	1.24427	1.25159	1.04648	1.05739
2.009	.086	-.00167	1.30451	1.32914	1.29247	1.29975	1.09589	1.10810
2.009	2.068	-.00161	1.31100	1.33754	1.33905	1.34823	1.14613	1.15856
2.009	4.119	-.00109	1.31195	1.33995	1.38044	1.38943	1.19079	1.20297
2.009	6.129	-.00118	1.30602	1.33429	1.41400	1.42421	1.23289	1.24483
2.009	8.112	-.00095	1.29745	1.32875	1.44649	1.45850	1.27279	1.28554
2.009	10.065	-.00061	1.28424	1.31901	1.47227	1.48591	1.30631	1.31944
2.009	12.103	-.00038	1.27200	1.30492	1.49837	1.51098	1.34211	1.35463
2.008	14.160	.00003	1.25409	1.28719	1.51882	1.53040	1.37358	1.38574
2.008	16.122	.00083	1.23003	1.26489	1.53156	1.54487	1.39671	1.41054
2.008	18.211	.00017	1.19960	1.23686	1.53731	1.55235	1.41639	1.43214
2.008	20.216	-.00167	1.17184	1.21342	1.54258	1.55993	1.43613	1.45355
2.008	21.289	-.00161	1.15781	1.20224	1.54436	1.56476	1.44477	1.46504
	GRADIENT	-.00004	.00322	.00428	.02337	.02376	.02476	.02492

RUN NO. 41/ 0 RN/L = 2.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.275	-2.883	.28551	1.28937	1.31876	1.22236	1.23367	1.01095	1.02657
2.275	-1.880	.28584	1.29449	1.32471	1.24636	1.25894	1.03760	1.05325
2.275	-.025	.28601	1.30044	1.33262	1.28893	1.30173	1.08450	1.09954
2.275	2.052	.28648	1.30194	1.33538	1.33286	1.34521	1.13190	1.14783
2.275	3.932	.28727	1.29981	1.33755	1.37043	1.38468	1.17383	1.19107
2.275	5.994	.28781	1.29457	1.33742	1.40585	1.42394	1.21492	1.23599
2.275	7.992	.28826	1.28582	1.33404	1.43979	1.45984	1.25540	1.27925
2.275	9.965	.28862	1.27500	1.32707	1.46778	1.48929	1.29171	1.31766
2.275	12.063	.28959	1.25963	1.31429	1.49286	1.51624	1.32730	1.35494
2.275	14.067	.29070	1.24211	1.30277	1.51433	1.54337	1.35778	1.39133
2.275	16.136	.29117	1.22081	1.28211	1.53261	1.56149	1.38917	1.42114
2.275	18.068	.29151	1.20052	1.26315	1.54834	1.57868	1.41655	1.45019
2.275	20.151	.28947	1.17081	1.23451	1.55777	1.58741	1.43904	1.47287
2.275	21.149	.28909	1.15644	1.21734	1.55959	1.58751	1.44731	1.47880
	GRADIENT	.00024	.00152	.00267	.02173	.02204	.02385	.02406

OA234 LERC 10SWT 42 LHFN.2P/S RHA .2A (QGY008) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = .005 PHI = .000
Q(PSF) = 500.000

RUN NO. 42/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-3.012	-.17972	1.32024	1.33259	1.24271	1.24482	1.02427	1.03084
2.495	-1.994	-.17974	1.32327	1.33842	1.26854	1.27151	1.05250	1.05938
2.495	-.182	-.17988	1.32895	1.34667	1.31218	1.31731	1.09920	1.10657
2.495	1.884	-.18039	1.34051	1.35566	1.36364	1.36682	1.15423	1.15988
2.495	3.910	-.18015	1.34071	1.35839	1.40924	1.41351	1.20635	1.21119
2.495	5.904	-.18060	1.33278	1.35392	1.44239	1.44771	1.24543	1.25111
2.495	7.902	-.18067	1.33001	1.35115	1.48257	1.48728	1.29167	1.29822
2.495	9.843	-.18082	1.32025	1.34400	1.51107	1.51510	1.32887	1.33280
2.495	11.855	-.18022	1.30595	1.33034	1.54092	1.54694	1.36671	1.37338
2.495	13.920	-.18027	1.28434	1.31542	1.55819	1.56834	1.39506	1.40622
2.495	15.902	-.18025	1.26200	1.29977	1.57639	1.58990	1.42353	1.43789
2.495	17.957	-.18041	1.23429	1.27573	1.58859	1.60453	1.45017	1.46424
2.495	20.019	-.18117	1.20121	1.24374	1.59181	1.60931	1.46746	1.48426
2.495	21.042	-.18137	1.18389	1.22686	1.59295	1.60976	1.47477	1.49156
	GRADIENT	-.00009	.00327	.00383	.02413	.02436	.02627	.02598

RUN NO. 43/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.662	-3.061	-.11886	1.30564	1.32027	1.22928	1.23323	1.00865	1.01451
2.662	-2.034	-.11880	1.31494	1.33135	1.26092	1.26387	1.03935	1.04616
2.662	-.104	-.11885	1.32012	1.33873	1.30577	1.31120	1.08911	1.09576
2.661	1.847	-.11891	1.32731	1.34792	1.35435	1.36054	1.14239	1.15070
2.662	3.834	-.11848	1.32385	1.34743	1.39083	1.39625	1.18305	1.19048
2.661	5.812	-.11846	1.32226	1.34712	1.42924	1.43638	1.22950	1.23832
2.661	7.830	-.11835	1.31560	1.34415	1.46994	1.48031	1.27692	1.28852
2.661	9.823	-.11825	1.30463	1.33443	1.49812	1.50701	1.31157	1.32202
2.661	11.836	-.11812	1.29037	1.32384	1.52927	1.54089	1.35385	1.36655
2.661	13.860	-.11725	1.27192	1.30762	1.54766	1.55951	1.38048	1.39347
2.661	15.863	-.11712	1.25106	1.28885	1.56650	1.57935	1.41021	1.42242
2.661	17.889	-.11706	1.22402	1.26481	1.57706	1.59140	1.43418	1.44842
2.661	19.914	-.11770	1.19573	1.24097	1.58958	1.60567	1.45970	1.47545
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00004	.00264	.00388	.02343	.02379	.02577	.02572

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.895	-.00045	497.97241	2.41408	176.28497	1398.44092	1.65880	556.99023	.00000
2.009	-1.833	-.00093	497.83960	2.41408	176.24364	1398.04370	1.65880	557.37598	.00000
2.009	.136	-.00134	497.87549	2.41408	176.26054	1398.12622	1.65879	557.76123	.00000
2.009	2.127	-.00130	497.82886	2.41408	176.24567	1397.98633	1.65878	557.87134	.00000
2.009	3.045	-.00191	497.83252	2.41408	176.22209	1398.10742	1.65881	555.72363	.00000
2.009	4.099	-.00078	497.63208	2.41408	176.18575	1397.39014	1.65877	558.53174	.00000
2.009	5.998	-.00080	497.81934	2.41408	176.25221	1397.91602	1.65877	558.69678	.00000
2.009	8.088	-.00064	497.80640	2.41408	176.25232	1397.85937	1.65877	559.08179	.00000
2.009	9.961	-.00039	497.81274	2.41408	176.25774	1397.86133	1.65877	559.35693	.00000
2.009	12.038	.00004	497.71729	2.41408	176.23056	1397.56323	1.65876	559.85181	.00000
2.009	14.038	.00030	497.78857	2.41408	176.25787	1397.75537	1.65876	560.07178	.00000
2.009	16.176	.00073	497.60498	2.41408	176.19788	1397.21826	1.65876	560.34668	.00000
2.009	18.054	.00037	497.65796	2.41408	176.21794	1397.35889	1.65875	560.51172	.00000
2.009	20.174	-.00141	497.74292	2.41408	176.25125	1397.58472	1.65875	560.84155	.00000
2.009	21.148	-.00144	497.95166	2.41408	176.32443	1398.17285	1.65875	560.95142	.00000
	GRADIENT	-.00010	-.03179	.00000	-.01036	-.09340	-.00000	.04989	.00000

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.276	-2.883	.28568	502.17578	2.48674	138.52126	1667.55957	1.69676	566.22314	.00000
2.276	-1.940	.28574	502.22656	2.48674	138.53651	1667.71582	1.69676	566.38770	.00000
2.276	-.021	.28612	502.13574	2.48674	138.51331	1667.39453	1.69675	566.49731	.00000
2.276	2.021	.28660	502.03589	2.48674	138.49274	1666.99854	1.69675	567.10083	.00000
2.276	4.245	.28798	502.19580	2.48674	138.53389	1667.55859	1.69676	566.93604	.00000
2.276	5.986	.28811	502.15015	2.48674	138.52763	1667.34692	1.69675	567.53931	.00000
2.276	7.980	.28874	502.20410	2.48674	138.54323	1667.51782	1.69675	567.64893	.00000
2.276	9.949	.28907	502.37939	2.48674	138.59125	1668.10425	1.69675	567.75879	.00000
2.276	12.059	.29015	502.73730	2.48674	138.68988	1669.29248	1.69675	568.03271	.00000
2.276	13.973	.29132	502.12524	2.48674	138.52820	1667.19458	1.69674	568.25195	.00000
2.276	16.033	.29177	502.43457	2.48674	138.61273	1668.22876	1.69674	568.41650	.00000
2.276	18.092	.28932	502.06641	2.48674	138.51640	1666.95703	1.69673	568.63574	.00000
2.275	20.072	.29030	501.94971	2.48674	138.48744	1666.54028	1.69673	568.85522	.00000
2.276	21.166	.28987	502.21582	2.48674	138.55864	1667.44263	1.69673	568.85498	.00000
	GRADIENT	.00031	-.00783	.00000	-.00092	-.03776	-.00000	.11541	.00000

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (AGY009) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.945	-.17955	500.09985	2.56521	114.73639	1946.20312	1.70328	570.60840	.00000
2.495	-1.899	-.17945	500.25806	2.56521	114.77408	1946.79687	1.70274	570.93701	.00000
2.495	-.044	-.17993	500.19067	2.56521	114.75975	1946.51538	1.70297	571.04639	.00000
2.495	1.907	-.18018	500.23828	2.56521	114.77040	1946.70483	1.70281	571.04639	.00000
2.495	3.977	-.17993	500.39014	2.56521	114.80359	1947.32202	1.70229	570.93677	.00000
2.495	5.888	-.18037	500.16748	2.56521	114.75696	1946.38403	1.70305	571.37500	.00000
2.495	7.962	-.18045	500.06079	2.56521	114.73782	1945.88623	1.70341	572.03223	.00000
2.495	9.883	-.18071	500.04419	2.56521	114.73602	1945.78564	1.70347	572.30615	.00000
2.495	11.900	-.18005	500.30859	2.56521	114.79324	1946.87329	1.70257	572.03223	.00000
2.495	13.944	-.18004	500.54443	2.56521	114.84717	1947.79321	1.70177	572.19653	.00000
2.495	15.996	-.17983	500.26978	2.56521	114.78006	1946.69360	1.70270	572.25122	.00000
2.495	17.994	-.18007	500.44922	2.56521	114.82741	1947.38623	1.70209	572.41528	.00000
2.495	19.973	-.18093	499.89136	2.56521	114.70694	1945.09448	1.70399	573.01733	.00000
2.495	21.104	-.18091	499.74292	2.56521	114.68048	1944.40259	1.70449	573.94800	.00000
	GRADIENT	-.00008	.03104	-.00000	.00720	.11928	-.00011	.03782	.00000

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-3.033	-.11883	434.18506	2.33041	87.50075	1922.83521	1.73388	570.93701	.00000
2.662	-2.066	-.11858	433.91870	2.33041	87.45972	1921.36353	1.73387	571.15625	.00000
2.662	-.120	-.11860	434.14258	2.33041	87.49771	1922.52271	1.73388	571.10132	.00000
2.662	1.930	-.11876	434.11792	2.33041	87.49187	1922.43286	1.73388	571.04639	.00000
2.662	3.873	-.11832	434.00757	2.33041	87.46941	1921.94824	1.73387	570.93701	.00000
2.662	5.848	-.11835	434.19897	2.33041	87.51361	1922.66504	1.73387	571.32031	.00000
2.662	7.790	-.11818	434.01001	2.33041	87.47429	1921.85596	1.73387	571.10107	.00000
2.662	9.819	-.11808	434.03394	2.33041	87.48148	1921.90771	1.73387	571.21069	.00000
2.662	11.852	-.11790	434.26465	2.33041	87.52078	1923.09570	1.73388	571.15601	.00000
2.662	13.856	-.11707	434.17407	2.33041	87.50180	1922.71338	1.73388	571.04639	.00000
2.662	15.859	-.11681	434.07153	2.33041	87.48813	1922.09595	1.73387	571.21069	.00000
2.662	17.905	-.11679	434.27490	2.33041	87.52405	1923.11426	1.73387	571.21069	.00000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.662	20.945	-.11807	434.09619	2.33041	87.49634	1922.21655	1.73387	571.21069	.00000
	GRADIENT	.00004	-.00613	.00000	-.00135	-.02411	-.00000	-.00993	.00000

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (PGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.009	-2.895	-.00045	1.64149	1.57899	1.41749	1.18667	.95234	.74081	1.54995	1.56512
2.009	-1.833	-.00093	1.65126	1.59775	1.44504	1.22111	.98694	.77058	1.56619	1.58084
2.009	.136	-.00134	1.65529	1.62014	1.48900	1.27853	1.05003	.82673	1.58317	1.59846
2.009	2.127	-.00130	1.65734	1.63969	1.53077	1.33583	1.11251	.88448	1.59732	1.61195
2.009	3.045	-.00191	1.65078	1.63933	1.54135	1.35676	1.13964	.91192	1.59594	1.61027
2.009	4.099	-.00078	1.65118	1.64811	1.56195	1.38505	1.16956	.93963	1.60323	1.61774
2.009	5.998	-.00080	1.63577	1.64882	1.58453	1.42680	1.22291	.99524	1.60036	1.61326
2.009	8.088	-.00064	1.61964	1.65085	1.61125	1.47424	1.28108	1.05545	1.59674	1.61007
2.009	9.961	-.00039	1.59829	1.64515	1.62666	1.50963	1.33042	1.10909	1.58576	1.60091
2.009	12.038	.00004	1.57173	1.63599	1.64063	1.54479	1.37976	1.16575	1.57303	1.58611
2.009	14.038	.00030	1.53774	1.61805	1.64525	1.57413	1.42687	1.22239	1.55070	1.56515
2.009	16.176	.00073	1.50048	1.59657	1.64675	1.59949	1.47168	1.27880	1.52641	1.53889
2.009	18.054	.00037	1.46223	1.57205	1.64478	1.61877	1.50918	1.32799	1.49723	1.51048
2.009	20.174	-.00141	1.41784	1.54093	1.63606	1.53476	1.54657	1.38143	1.46278	1.47808
2.009	21.148	-.00144	1.39831	1.52712	1.63290	1.64156	1.56179	1.40363	1.44714	1.46256
	GRADIENT	-.00010	.00104	.00962	.02053	.02831	.03120	.02863	.00726	.00717

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.276	-2.883	.28568	1.67306	1.60983	1.43912	1.19456	.94575	.73392	1.57586	1.59393
2.276	-1.940	.28574	1.67668	1.62105	1.45932	1.22201	.97618	.76131	1.58462	1.60300
2.276	-.021	.28612	1.67526	1.63738	1.49649	1.27411	1.03447	.81356	1.59603	1.61503
2.276	2.021	.28660	1.66466	1.64407	1.52650	1.32251	1.09245	.86672	1.59828	1.61698
2.276	4.246	.28798	1.65705	1.65537	1.56486	1.38018	1.15728	.92694	1.60567	1.62357
2.276	5.986	.28811	1.64728	1.66018	1.59012	1.42169	1.20749	.97579	1.60489	1.62536
2.276	7.980	.28874	1.63050	1.65994	1.61438	1.46614	1.26265	1.03160	1.60095	1.62169
2.276	9.949	.28907	1.60816	1.65558	1.63377	1.50659	1.31556	1.08900	1.59104	1.61228
2.276	12.059	.29015	1.58141	1.64614	1.64858	1.54377	1.36799	1.14796	1.57585	1.59890
2.276	13.973	.29132	1.55502	1.63534	1.65914	1.57833	1.41966	1.20713	1.56144	1.58506
2.276	16.033	.29177	1.51875	1.61579	1.66179	1.60551	1.46499	1.26276	1.53630	1.56121
2.276	18.092	.28932	1.48242	1.59458	1.66697	1.63429	1.51292	1.32219	1.51198	1.53613
2.276	20.072	.29030	1.44266	1.56911	1.66474	1.65699	1.55664	1.37870	1.48339	1.50720
2.276	21.166	.28987	1.41839	1.55226	1.66001	1.66388	1.57460	1.40534	1.46509	1.48781
	GRADIENT	.00031	-.00257	.00611	.01739	.02582	.02954	.02694	.00389	.00387

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (PGY009) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-2.945	-.17955	1.70694	1.64108	1.46223	1.20881	.95103	.73877	1.60978	1.62080
2.495	-1.899	-.17945	1.71102	1.65408	1.48673	1.24119	.98725	.77066	1.61990	1.63165
2.495	-.044	-.17993	1.71302	1.67378	1.52758	1.29612	1.04818	.82465	1.63478	1.64702
2.495	1.907	-.18018	1.71366	1.69140	1.56781	1.35147	1.11027	.88116	1.64875	1.65904
2.495	3.977	-.17993	1.70823	1.70509	1.60697	1.41005	1.17797	.94375	1.65623	1.66757
2.495	5.888	-.18037	1.69280	1.70541	1.63080	1.45312	1.23101	.99533	1.65282	1.66398
2.495	7.962	-.18045	1.67485	1.70725	1.66009	1.50557	1.29537	1.05838	1.65164	1.66150
2.495	9.883	-.18071	1.65872	1.70663	1.67903	1.54360	1.34561	1.11162	1.64539	1.65614
2.495	11.900	-.18005	1.62936	1.69549	1.69351	1.58357	1.40101	1.17183	1.62979	1.63898
2.495	13.944	-.18004	1.59840	1.68111	1.70299	1.61589	1.44876	1.22778	1.61000	1.62161
2.495	15.996	-.17983	1.56392	1.66553	1.71185	1.64886	1.50036	1.28831	1.58813	1.60040
2.495	17.994	-.18007	1.52420	1.63902	1.70860	1.66936	1.53814	1.33865	1.55859	1.57090
2.495	19.973	-.18093	1.47835	1.60697	1.70095	1.68670	1.57762	1.39081	1.52225	1.53663
2.495	21.104	-.18091	1.44964	1.58753	1.69392	1.69392	1.59617	1.41663	1.50130	1.51545
	GRADIENT	-.00008	.00020	.00928	.02092	.02900	.03265	.02948	.00681	.00675

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.662	-3.033	-.11883	1.70478	1.63667	1.45449	1.19569	.93462	.72490	1.60413	1.61681
2.662	-2.066	-.11858	1.71296	1.65398	1.48106	1.22842	.96875	.75441	1.61868	1.63062
2.662	-.120	-.11860	1.71456	1.67426	1.52423	1.28704	1.03245	.81024	1.63372	1.64644
2.662	1.930	-.11876	1.71126	1.69055	1.56683	1.34949	1.10436	.87523	1.64679	1.65777
2.662	3.873	-.11832	1.70100	1.69571	1.59526	1.39574	1.15939	.92616	1.64793	1.65994
2.662	5.848	-.11835	1.69053	1.70207	1.62353	1.44092	1.21518	.98207	1.64888	1.66135
2.662	7.790	-.11818	1.67574	1.70541	1.65389	1.49405	1.27936	1.04216	1.64648	1.66071
2.662	9.819	-.11808	1.65425	1.70127	1.67160	1.53110	1.32982	1.09608	1.63788	1.65060
2.662	11.852	-.11790	1.62382	1.68966	1.68785	1.57614	1.39031	1.16011	1.62085	1.63404
2.662	13.859	-.11707	1.59871	1.68095	1.69995	1.60760	1.43563	1.21029	1.60665	1.62035
2.662	15.859	-.11681	1.56052	1.66204	1.70872	1.64087	1.48876	1.27238	1.58284	1.59748
2.662	19.964	-.11750	1.48172	1.61222	1.70526	1.68788	1.57250	1.38041	1.52589	1.54172
2.662	20.945	-.11807	1.45540	1.59337	1.69979	1.69532	1.59237	1.40666	1.50454	1.52086
	GRADIENT	.00004	-.00070	.00849	.02047	.02916	.03281	.02937	.00632	.00619

OA234 LERC 10SWT 42 LHA .2A RHFN.2P/S (QGY009) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 44/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.009	-2.895	-.00045	1.28711	1.31190	1.22027	1.22260	1.01659	1.02989
2.009	-1.833	-.00093	1.29732	1.32209	1.24975	1.25271	1.04624	1.05911
2.009	.136	-.00134	1.30537	1.33387	1.29901	1.30234	1.09764	1.11114
2.009	2.127	-.00130	1.31115	1.33984	1.34459	1.34926	1.14581	1.16126
2.009	3.045	-.00191	1.30868	1.34016	1.36100	1.36715	1.16579	1.18275
2.009	4.099	-.00078	1.31312	1.34263	1.38403	1.38982	1.19139	1.20465
2.009	5.998	-.00080	1.30597	1.33510	1.41564	1.42247	1.22978	1.24431
2.009	8.088	-.00064	1.29920	1.32964	1.45052	1.45864	1.27364	1.28597
2.009	9.961	-.00039	1.28568	1.32263	1.47474	1.48579	1.30603	1.32176
2.009	12.038	.00004	1.27266	1.30680	1.49982	1.50968	1.34153	1.35393
2.009	14.038	.00030	1.25090	1.28877	1.51703	1.52904	1.37001	1.38475
2.009	16.176	.00073	1.22780	1.26485	1.53021	1.54401	1.39538	1.41317
2.009	18.054	.00037	1.20120	1.24129	1.53866	1.55245	1.41553	1.43284
2.009	20.174	-.00141	1.17085	1.21593	1.54224	1.55976	1.43410	1.45457
2.009	21.148	-.00144	1.15742	1.20465	1.54229	1.56355	1.44182	1.46485
	GRADIENT	-.00010	.00334	.00421	.02331	.02385	.02487	.02518

RUN NO. 45/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.276	-2.883	.28568	1.28892	1.31922	1.22720	1.23187	1.01020	1.02704
2.276	-1.940	.28574	1.29322	1.32500	1.24952	1.25633	1.03419	1.05303
2.276	-.021	.28612	1.29728	1.33207	1.29285	1.29986	1.08149	1.09911
2.276	2.021	.28660	1.29718	1.33345	1.33120	1.33968	1.12682	1.14557
2.276	4.245	.28798	1.29648	1.33704	1.37617	1.38791	1.17634	1.19681
2.276	5.986	.28811	1.29244	1.33621	1.40712	1.42212	1.21303	1.23585
2.276	7.980	.28874	1.28364	1.33190	1.43954	1.45669	1.25317	1.27660
2.276	9.949	.28907	1.27259	1.32683	1.46753	1.48855	1.28933	1.31740
2.276	12.059	.29015	1.25663	1.31473	1.49158	1.51672	1.32442	1.35456
2.276	13.973	.29132	1.24207	1.30390	1.51373	1.54181	1.35712	1.39135
2.276	16.033	.29177	1.21873	1.28227	1.52900	1.55782	1.38436	1.41896
2.276	18.092	.28932	1.19698	1.26079	1.54473	1.57540	1.41383	1.44814
2.275	20.072	.29030	1.17141	1.23547	1.55621	1.58732	1.43815	1.47267
2.276	21.166	.28987	1.15374	1.21819	1.55870	1.58652	1.44776	1.47923
	GRADIENT	.00031	.00095	.00232	.02075	.02162	.02325	.02364

0A234 LERC 10SWT 42 LHA .2A RHFN.2P/S (QGY009) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.005 PHI = .000
Q(PSF) = 500.000

RUN NO. 46/ 0 RN/L = 2.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-2.945	-.17955	1.31739	1.33057	1.24826	1.24456	1.02319	1.03156
2.495	-1.899	-.17945	1.32215	1.33858	1.27460	1.27220	1.05352	1.06117
2.495	-.044	-.17993	1.32886	1.34742	1.32053	1.31895	1.10316	1.11052
2.495	1.907	-.18018	1.33855	1.35626	1.36708	1.36526	1.15382	1.16075
2.495	3.977	-.17993	1.33813	1.35864	1.41363	1.41393	1.20640	1.21314
2.495	5.888	-.18037	1.33245	1.35510	1.44570	1.44752	1.24628	1.25262
2.495	7.962	-.18045	1.32936	1.35050	1.48679	1.48799	1.29446	1.29970
2.495	9.883	-.18071	1.31861	1.34540	1.51507	1.51730	1.33024	1.33678
2.495	11.900	-.18005	1.30400	1.32925	1.54110	1.54479	1.36601	1.37485
2.495	13.944	-.18004	1.28329	1.31457	1.55866	1.56804	1.39526	1.40664
2.495	15.996	-.17983	1.26220	1.29588	1.57926	1.58977	1.42809	1.43962
2.495	17.994	-.18007	1.23546	1.27086	1.58771	1.59994	1.44909	1.46100
2.495	19.973	-.18093	1.20151	1.24491	1.59057	1.60815	1.46664	1.48480
2.495	21.104	-.18091	1.18202	1.22606	1.59228	1.60846	1.47472	1.49183
	GRADIENT	-.00008	.00323	.00409	.02393	.02441	.02639	.02617

RUN NO. 47/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.662	-3.033	-.11883	1.30424	1.32127	1.23517	1.23286	1.00740	1.01657
2.662	-2.066	-.11858	1.31427	1.33061	1.26358	1.26067	1.03744	1.04558
2.662	-.120	-.11860	1.32078	1.34039	1.31131	1.31085	1.08917	1.09732
2.662	1.930	-.11876	1.32965	1.34899	1.36386	1.36289	1.14716	1.15468
2.662	3.873	-.11832	1.32727	1.34959	1.39917	1.40219	1.18889	1.19901
2.662	5.848	-.11835	1.32188	1.34717	1.43448	1.43745	1.22964	1.23936
2.662	7.790	-.11818	1.31641	1.34766	1.47396	1.48065	1.27673	1.28953
2.662	9.819	-.11808	1.30434	1.33557	1.50111	1.50678	1.31178	1.32315
2.662	11.852	-.11790	1.28886	1.32212	1.53028	1.53941	1.35384	1.36730
2.662	13.856	-.11707	1.27218	1.30938	1.55032	1.56094	1.38180	1.39578
2.662	15.859	-.11681	1.24934	1.29049	1.57018	1.58278	1.41503	1.42952
2.662	17.905	-.11679	1.22282	1.26293	1.57861	1.59096	1.43512	1.44913
2.662	19.964	-.11750	1.19464	1.24185	1.59137	1.60893	1.46102	1.47924
2.662	20.945	-.11807	1.17678	1.22544	1.59188	1.61141	1.46995	1.48916
	GRADIENT	.00004	.00333	.00410	.02394	.02466	.02645	.02655

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.859	-.00032	497.58936	2.39715	176.16710	1397.28589	1.65878	558.20142	.00000
2.009	-1.888	-.00095	497.96094	2.39715	176.30281	1398.31201	1.65878	558.86157	.00000
2.009	.082	-.00166	498.00171	2.39715	176.32417	1398.39624	1.65877	559.46680	.00000
2.009	2.116	-.00179	497.90894	2.39715	176.29933	1398.09741	1.65877	560.07178	.00000
2.009	4.099	-.00150	498.04712	2.39715	176.35474	1398.45679	1.65875	560.73145	.00000
2.009	6.030	-.00130	498.11816	2.39715	176.39012	1398.61108	1.65875	561.66602	.00000
2.009	8.036	-.00128	498.00732	2.39715	176.35728	1398.27075	1.65874	562.10571	.00000
2.008	9.981	-.00087	498.28223	2.39715	176.45778	1399.02856	1.65874	562.60010	.00000
2.008	12.054	-.00050	498.30493	2.39715	176.46964	1399.07568	1.65873	562.92969	.00000
2.008	14.095	-.00013	497.94360	2.39715	176.35300	1398.01221	1.65873	563.58862	.00000
2.008	16.081	.00036	497.91919	2.39715	176.34979	1397.91675	1.65872	564.02783	.00000
2.008	18.153	-.00010	498.03516	2.39715	176.40013	1398.20215	1.65871	564.90625	.00000
2.008	20.154	-.00179	498.12378	2.39715	176.43333	1398.44287	1.65871	565.12573	.00000
2.008	21.222	-.00187	497.85156	2.39715	176.33559	1397.68530	1.65871	564.79663	.00000
	GRADIENT	-.00017	.04305	-.00000	.01893	.10429	-.00000	.34493	.00000

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.879	.28666	502.48120	2.44473	138.67499	1667.91919	1.69669	573.29102	.00000
2.275	-1.912	.28690	501.90796	2.44473	138.52701	1665.91943	1.69668	573.83862	.00000
2.275	.034	.28656	501.42480	2.44473	138.39714	1664.26491	1.69668	573.78369	.00000
2.275	1.997	.28715	502.97046	2.44473	138.81430	1669.50366	1.69668	574.11230	.00000
2.275	3.881	.28762	502.91211	2.44473	138.79987	1669.29541	1.69669	574.22144	.00000
2.275	5.922	.28790	502.92480	2.44473	138.80440	1669.32715	1.69668	574.33081	.00000
2.275	7.920	.28847	502.85645	2.44473	138.78983	1669.05981	1.69668	574.71387	.00000
2.275	9.901	.28876	502.85229	2.44473	138.79382	1668.99780	1.69667	575.20630	.00000
2.275	11.897	.28949	502.70117	2.44473	138.75499	1668.46753	1.69667	575.37036	.00000
2.275	13.986	.29075	502.93042	2.44473	138.82483	1669.16846	1.69667	576.19067	.00000
2.275	15.988	.29113	502.92554	2.44473	138.82458	1669.14038	1.69666	576.29980	.00000
2.275	17.998	.29133	502.79907	2.44473	138.78574	1668.75952	1.69667	575.80786	.00000
2.275	20.068	.28960	502.56055	2.44473	138.72421	1667.92529	1.69666	576.02661	.00000
2.275	21.066	.28908	502.82275	2.44473	138.79720	1668.79199	1.69666	576.30005	.00000
	GRADIENT	.00013	.12582	.00000	.03488	.41645	-.00000	.11693	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.IS (AGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-2.953	-.17903	500.20557	2.52630	114.81369	1945.76587	1.70464	578.04883	.00000
2.495	-1.974	-.17908	500.22290	2.52630	114.81514	1945.87451	1.70458	577.72095	.00000
2.495	-.036	-.17968	500.43457	2.52630	114.86127	1946.73706	1.70386	577.55688	.00000
2.495	1.919	-.17980	500.68506	2.52630	114.91727	1947.73535	1.70301	577.55688	.00000
2.495	3.910	-.17994	500.40308	2.52630	114.85667	1946.57153	1.70397	577.88501	.00000
2.495	5.864	-.18030	500.87061	2.52630	114.96434	1948.38574	1.70238	578.32202	.00000
2.495	7.874	-.18061	500.37866	2.52630	114.85524	1946.41235	1.70405	578.43140	.00000
2.495	9.911	-.18067	500.78589	2.52630	114.94827	1948.00293	1.70267	578.70459	.00000
2.495	11.863	-.18021	500.77148	2.52630	114.94585	1947.93384	1.70272	578.81372	.00000
2.495	13.928	-.18009	500.70337	2.52630	114.93224	1947.63477	1.70295	579.03223	.00000
2.495	15.943	-.17998	500.73071	2.52630	114.94196	1947.68896	1.70285	579.52393	.00000
2.495	17.944	-.18027	500.78833	2.52630	114.95917	1947.84888	1.70266	580.12451	.00000
2.495	20.035	-.18119	500.51245	2.52630	114.89503	1946.78857	1.70360	579.79687	.00000
2.495	21.067	-.18130	500.60327	2.52630	114.91507	1947.15625	1.70329	579.74219	.00000
	GRADIENT	-.00014	.04740	.00000	.01045	.19126	-.00016	-.02113	.00000

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.104	-.11898	434.37866	2.23886	87.70169	1919.95703	1.73369	577.17432	.00000
2.660	-2.046	-.11872	434.43091	2.23886	87.70805	1920.28467	1.73370	577.06494	.00000
2.660	-.073	-.11882	434.39819	2.23886	87.70082	1920.15576	1.73370	577.01025	.00000
2.660	1.882	-.11872	434.21191	2.23886	87.66193	1919.36084	1.73370	576.79175	.00000
2.660	3.857	-.11856	434.55200	2.23886	87.72093	1921.08716	1.73371	576.73706	.00000
2.660	5.852	-.11857	434.74048	2.23886	87.76155	1921.86304	1.73371	577.01050	.00000
2.660	7.818	-.11843	434.95630	2.23886	87.80128	1922.90381	1.73371	577.06519	.00000
2.660	9.759	-.11837	435.09521	2.23886	87.83461	1923.39673	1.73371	577.39307	.00000
2.660	11.808	-.11822	434.91699	2.23886	87.79860	1922.60815	1.73371	577.22900	.00000
2.660	13.848	-.11731	434.97314	2.23886	87.81000	1922.85425	1.73370	577.28369	.00000
2.660	15.863	-.11717	435.14014	2.23886	87.84108	1923.65576	1.73371	577.33838	.00000
2.660	17.889	-.11719	434.95557	2.23886	87.81697	1922.53564	1.73370	577.66626	.00000
2.660	19.935	-.11877	435.06348	2.23886	87.83322	1923.14087	1.73370	577.55688	.00000
	GRADIENT	.00004	.00740	.00000	-.00057	.07586	.00000	-.06592	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (PGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.009	-2.859	-.00032	1.64006	1.58171	1.41688	1.18735	.95147	.74378	1.54934	1.56263
2.009	-1.888	-.00095	1.64721	1.59759	1.44238	1.21859	.98457	.77223	1.56302	1.57722
2.009	.082	-.00166	1.65065	1.61897	1.48585	1.27676	1.04793	.82565	1.57945	1.59384
2.009	2.116	-.00179	1.65448	1.63971	1.52908	1.33551	1.11138	.88384	1.59535	1.60981
2.009	4.099	-.00150	1.64695	1.64702	1.55851	1.38226	1.16725	.93885	1.59947	1.61279
2.009	6.030	-.00130	1.63442	1.64990	1.58449	1.42640	1.22154	.99394	1.59859	1.61133
2.009	8.036	-.00128	1.61984	1.65188	1.61015	1.47111	1.27683	1.05141	1.59610	1.60898
2.008	9.981	-.00087	1.59793	1.64633	1.62599	1.50734	1.32635	1.10572	1.58585	1.59825
2.008	12.054	-.00050	1.57054	1.63602	1.63921	1.54307	1.37670	1.16301	1.57183	1.58405
2.008	14.095	-.00013	1.53715	1.62000	1.64630	1.57481	1.42594	1.22119	1.55140	1.56411
2.008	16.081	.00036	1.50110	1.59810	1.64723	1.59870	1.46816	1.27422	1.52657	1.53962
2.008	18.153	-.00010	1.45852	1.56983	1.64378	1.61908	1.50790	1.32781	1.49435	1.50746
2.008	20.154	-.00179	1.41597	1.53966	1.63528	1.63355	1.54356	1.37810	1.46131	1.47641
2.008	21.222	-.00187	1.39606	1.52599	1.63294	1.64205	1.56110	1.40508	1.44618	1.46185
	GRADIENT	-.00017	.00104	.00949	.02051	.02818	.03109	.02799	.00726	.00725

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.275	-2.879	.28666	1.67304	1.61373	1.43974	1.19541	.94597	.73348	1.57593	1.59484
2.275	-1.912	.28690	1.67522	1.62270	1.45946	1.22290	.97507	.75842	1.58355	1.60164
2.275	.034	.28656	1.67446	1.64039	1.49804	1.27667	1.03588	.81426	1.59642	1.61500
2.275	1.997	.28715	1.66854	1.65089	1.53083	1.32383	1.09106	.86455	1.60272	1.61957
2.275	3.881	.28762	1.66197	1.66002	1.56354	1.37450	1.14855	.91729	1.60812	1.62484
2.275	5.922	.28790	1.64870	1.66299	1.59051	1.42029	1.20502	.97284	1.60595	1.62609
2.275	7.920	.28847	1.63024	1.66165	1.61375	1.46447	1.26111	1.02975	1.60073	1.62003
2.275	9.901	.28876	1.60951	1.65813	1.63312	1.50530	1.31419	1.08709	1.59112	1.61265
2.275	11.897	.28949	1.58373	1.64886	1.64689	1.54135	1.36525	1.14402	1.57774	1.59950
2.275	13.986	.29075	1.55198	1.63386	1.65676	1.57610	1.41642	1.20384	1.55754	1.58281
2.275	15.988	.29113	1.51891	1.61631	1.66295	1.60503	1.46274	1.25953	1.53645	1.56139
2.275	17.998	.29133	1.48407	1.59664	1.66733	1.63342	1.50998	1.31830	1.51316	1.53744
2.275	20.068	.28960	1.44246	1.56957	1.66449	1.65676	1.55626	1.37816	1.48355	1.50776
2.275	21.066	.28908	1.42081	1.55357	1.66030	1.66245	1.57159	1.40171	1.46703	1.48878
	GRADIENT	.00013	-.00174	.00686	.01825	.02629	.02988	.02719	.00472	.00440

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (PGY010) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-2.953	-.17903	1.70697	1.64428	1.46330	1.21009	.95241	.74025	1.60941	1.62057
2.495	-1.974	-.17908	1.71021	1.65617	1.48596	1.23832	.98281	.76634	1.61910	1.63029
2.495	-.036	-.17968	1.71173	1.67597	1.52774	1.29690	1.04787	.82884	1.63438	1.64621
2.495	1.919	-.17980	1.70990	1.69183	1.56717	1.35273	1.10919	.88422	1.64505	1.65691
2.495	3.910	-.17994	1.70392	1.70205	1.60080	1.40395	1.17044	.94064	1.65066	1.66239
2.495	5.864	-.18030	1.69178	1.70581	1.62960	1.45181	1.22837	.99569	1.65186	1.66316
2.495	7.874	-.18061	1.67642	1.70823	1.65679	1.49991	1.28806	1.05600	1.64934	1.66123
2.495	9.911	-.18067	1.65557	1.70495	1.67654	1.54133	1.34366	1.11391	1.64226	1.65196
2.495	11.863	-.18021	1.62791	1.69556	1.69344	1.58275	1.39842	1.17165	1.62791	1.63740
2.495	13.928	-.18009	1.59937	1.68374	1.70358	1.61398	1.44726	1.22989	1.60925	1.62126
2.495	15.943	-.17998	1.56445	1.66594	1.71121	1.64831	1.49709	1.28701	1.58807	1.60045
2.495	17.944	-.18027	1.52258	1.63669	1.70594	1.66630	1.53546	1.33783	1.55608	1.56862
2.495	20.035	-.18119	1.47425	1.60393	1.69876	1.68454	1.57635	1.39159	1.51893	1.53414
2.495	21.067	-.18130	1.44923	1.58619	1.69325	1.69238	1.59394	1.41603	1.50080	1.51553
	GRADIENT	-.00014	-.00045	.00848	.02013	.02846	.03191	.02944	.00605	.00615

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.660	-3.104	-.11898	1.69927	1.63442	1.44910	1.19140	.92927	.72215	1.59869	1.61209
2.660	-2.046	-.11872	1.70230	1.64735	1.47321	1.22245	.96318	.75264	1.60964	1.62254
2.660	-.073	-.11882	1.71095	1.67315	1.52103	1.28411	1.03046	.80996	1.63019	1.64239
2.660	1.882	-.11872	1.70378	1.68383	1.55544	1.33475	1.08991	.86582	1.63587	1.64759
2.660	3.857	-.11856	1.70128	1.69821	1.59393	1.39221	1.15471	.92330	1.64679	1.65950
2.660	5.852	-.11857	1.68603	1.69979	1.62040	1.43811	1.21128	.97958	1.64446	1.65666
2.660	7.818	-.11843	1.66937	1.70194	1.64932	1.49031	1.27637	1.04169	1.64117	1.65485
2.660	9.759	-.11837	1.64938	1.69749	1.66592	1.52679	1.32457	1.09393	1.63256	1.64547
2.660	11.808	-.11822	1.62114	1.68810	1.68526	1.57280	1.38683	1.15754	1.61916	1.63160
2.660	13.848	-.11731	1.58975	1.67450	1.69545	1.60726	1.43665	1.21478	1.59965	1.61453
2.660	15.863	-.11717	1.55704	1.65855	1.70326	1.63740	1.48420	1.26983	1.57881	1.59366
2.660	17.889	-.11719	1.51868	1.63379	1.70059	1.65749	1.52084	1.31881	1.55234	1.56592
[illegible]										
2.660	20.962	-.11847	1.45125	1.58854	1.69563	1.69167	1.58903	1.40788	[illegible]	[illegible]
	GRADIENT	.00004	.00022	.00909	.02076	.02875	.03234	.02888	.00676	.00663

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (QGY010) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 32/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.009	-2.859	-.00032	1.28780	1.30770	1.21858	1.22242	1.01641	1.02769
2.009	-1.888	-.00095	1.29691	1.31852	1.24635	1.25017	1.04470	1.05557
2.009	.082	-.00166	1.30489	1.32815	1.29458	1.29969	1.09550	1.10729
2.009	2.116	-.00179	1.31213	1.33798	1.34252	1.34936	1.14639	1.15990
2.009	4.099	-.00150	1.31171	1.33650	1.38020	1.38615	1.18969	1.20080
2.009	6.030	-.00130	1.30649	1.33302	1.41464	1.42120	1.22990	1.24184
2.009	8.036	-.00128	1.29882	1.32968	1.44697	1.45595	1.26983	1.28302
2.008	9.981	-.00087	1.28839	1.31647	1.47396	1.48223	1.30569	1.31604
2.008	12.054	-.00050	1.27173	1.30285	1.49832	1.50713	1.33921	1.35036
2.008	14.095	-.00013	1.25228	1.28579	1.51862	1.52846	1.37129	1.38300
2.008	16.081	.00036	1.23067	1.26442	1.53052	1.54281	1.39470	1.40956
2.008	18.153	-.00010	1.20054	1.23735	1.53864	1.55238	1.41600	1.43088
2.008	20.154	-.00179	1.17222	1.21338	1.54182	1.55819	1.43394	1.45094
2.008	21.222	-.00187	1.15818	1.20196	1.54463	1.56358	1.44224	1.46346
	GRADIENT	-.00017	.00340	.00416	.02329	.02369	.02493	.02505

RUN NO. 35/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.275	-2.879	.28666	1.29011	1.31910	1.22502	1.23312	1.01079	1.02720
2.275	-1.912	.28690	1.29329	1.32295	1.24763	1.25595	1.03457	1.05085
2.275	.034	.28656	1.29901	1.33127	1.29243	1.30202	1.08381	1.10017
2.275	1.997	.28715	1.30284	1.33370	1.33185	1.34097	1.12855	1.14404
2.275	3.881	.28762	1.29995	1.33657	1.37139	1.38135	1.17146	1.18804
2.275	5.922	.28790	1.29430	1.33608	1.40519	1.42072	1.21163	1.23292
2.275	7.920	.28847	1.28613	1.33073	1.43816	1.45503	1.25314	1.27463
2.275	9.901	.28876	1.27256	1.32506	1.46681	1.48686	1.28884	1.31436
2.275	11.897	.28949	1.25927	1.31502	1.49179	1.51390	1.32312	1.35098
2.275	13.986	.29075	1.24000	1.30045	1.51161	1.53964	1.35527	1.38689
2.275	15.988	.29113	1.22006	1.28140	1.52922	1.55784	1.38418	1.41709
2.275	17.998	.29133	1.19783	1.26024	1.54645	1.57507	1.41296	1.44614
2.275	20.068	.28960	1.17205	1.23558	1.55798	1.58721	1.43874	1.47199
2.275	21.066	.28908	1.15690	1.21869	1.55915	1.58563	1.44707	1.47730
	GRADIENT	.00013	.00163	.00258	.02158	.02184	.02380	.02377

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (QGY010) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.009 PHI = .000
Q(PSF) = 500.000

RUN NO. 37/ 0 RN/L = 2.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-2.953	-.17903	1.31944	1.33243	1.24563	1.24582	1.02548	1.03309
2.495	-1.974	-.17908	1.32271	1.33699	1.26914	1.27061	1.04983	1.05792
2.495	-.036	-.17968	1.32962	1.34669	1.31827	1.31971	1.10281	1.10988
2.495	1.919	-.17980	1.33380	1.35236	1.36313	1.36608	1.15223	1.15873
2.495	3.910	-.17994	1.33506	1.35449	1.40555	1.40825	1.19950	1.20603
2.495	5.864	-.18030	1.33221	1.35334	1.44311	1.44708	1.24447	1.24973
2.495	7.874	-.18061	1.32762	1.35007	1.48019	1.48440	1.28931	1.29370
2.495	9.911	-.18067	1.31799	1.34108	1.51112	1.51378	1.32788	1.33291
2.495	11.863	-.18021	1.30303	1.32677	1.53920	1.54444	1.36412	1.37147
2.495	13.928	-.18009	1.28299	1.31319	1.55837	1.56618	1.39528	1.40389
2.495	15.943	-.17998	1.26266	1.29544	1.57935	1.58887	1.42744	1.43729
2.495	17.944	-.18027	1.23581	1.27032	1.58586	1.59737	1.44752	1.45857
2.495	20.035	-.18119	1.20068	1.24293	1.59014	1.60656	1.46531	1.48241
2.495	21.067	-.18130	1.18358	1.22603	1.59308	1.60881	1.47488	1.49049
	GRADIENT	-.00014	.00236	.00332	.02344	.02380	.02554	.02533

RUN NO. 38/ 0 RN/L = 2.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.660	-3.104	-.11898	1.30140	1.31750	1.22768	1.22855	1.00367	1.01101
2.660	-2.046	-.11872	1.30767	1.32349	1.25359	1.25564	1.03127	1.03838
2.660	-.073	-.11882	1.31880	1.33812	1.30658	1.30889	1.08795	1.09428
2.660	1.882	-.11872	1.32186	1.33970	1.34783	1.34912	1.13499	1.13950
2.660	3.857	-.11856	1.32434	1.34834	1.39414	1.39915	1.18466	1.19298
2.660	5.852	-.11857	1.32027	1.34381	1.43020	1.43514	1.22721	1.23573
2.660	7.818	-.11843	1.31305	1.34204	1.46953	1.47693	1.27395	1.28603
2.660	9.759	-.11837	1.30212	1.33052	1.49539	1.50204	1.30855	1.31714
2.660	11.808	-.11822	1.28861	1.32053	1.52753	1.53714	1.35097	1.36414
2.660	13.848	-.11731	1.26811	1.30398	1.54912	1.56120	1.38244	1.39614
2.660	15.863	-.11717	1.24743	1.28671	1.56691	1.57996	1.41168	1.42489
2.660	17.889	-.11719	1.22285	1.26111	1.57682	1.58914	1.43268	1.44590
2.660	19.935	-.11877	1.19292	1.23843	1.58761	1.60362	1.45660	1.47328
2.660	20.962	-.11847	1.17570	1.22344	1.59002	1.60801	1.46747	1.48638
	GRADIENT	.00004	.00329	.00431	.02389	.02430	.02606	.02603

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.007	-2.898	2.09870	498.56372	2.28805	176.78670	1398.79958	1.65852	581.81763	.00000
2.007	-1.769	2.09874	497.37134	2.28805	176.37160	1395.41870	1.65950	581.45361	.00000
2.007	.199	2.09959	497.53882	2.28805	176.42934	1395.89526	1.65851	581.45386	.00000
2.007	2.100	2.09950	497.72852	2.28805	176.49559	1396.43262	1.65851	581.52661	.00000
2.007	4.134	2.09862	497.61035	2.28805	176.44521	1396.13940	1.65853	580.72583	.00000
2.007	6.109	2.09857	497.78223	2.28805	176.51045	1396.60229	1.65852	581.23560	.00000
2.007	8.056	2.09814	497.74487	2.28805	176.49667	1396.50122	1.65852	581.16260	.00000
2.007	10.106	2.09820	497.78613	2.28805	176.50830	1396.62939	1.65852	580.94434	.00000
2.007	12.127	2.09813	497.65088	2.28805	176.46443	1396.23291	1.65851	581.16260	.00000
2.007	14.111	2.09767	497.75854	2.28805	176.49884	1396.54932	1.65852	580.94409	.00000
2.007	16.143	2.09774	497.52954	2.28805	176.42172	1395.88965	1.65851	581.08984	.00000
2.007	18.137	2.09802	497.52026	2.28805	176.41940	1395.85815	1.65851	581.16260	.00000
2.007	19.596	2.09812	497.51587	2.28805	176.41969	1395.83740	1.65851	581.30811	.00000
	GRADIENT	.00003	-.07319	-.00000	-.02661	-.20237	.00000	-.11735	.00000

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.942	2.16962	503.18774	2.38547	138.99347	1669.10767	1.69657	585.88989	.00000
2.274	-1.798	2.16935	503.83130	2.38547	139.16504	1671.29956	1.69657	585.81787	.00000
2.274	.112	2.16958	503.08105	2.38547	138.95891	1668.80249	1.69658	585.30884	.00000
2.274	2.052	2.16936	503.48975	2.38547	139.06905	1670.18262	1.69658	585.38135	.00000
2.274	4.086	2.16806	503.10620	2.38547	138.96944	1668.85254	1.69657	585.67261	.00000
2.274	6.073	2.16774	503.33984	2.38547	139.03569	1669.50864	1.69657	586.03589	.00000
2.274	8.080	2.16712	503.28125	2.38547	139.01846	1669.42456	1.69657	585.89038	.00000
2.274	10.005	2.16684	503.22827	2.38547	139.00957	1669.19824	1.69656	586.39941	.00000
2.274	12.038	2.16647	502.90649	2.38547	138.91367	1668.19458	1.69657	585.45410	.00000
2.274	14.051	2.16620	503.46606	2.38547	139.07024	1670.03296	1.69656	586.10864	.00000
2.274	16.086	2.16607	503.43994	2.38547	139.06625	1669.91357	1.69657	586.39917	.00000
2.274	18.125	2.16614	503.43799	2.38547	139.05598	1670.00049	1.69658	585.45435	.00000
2.274	19.543	2.16565	503.41382	2.38547	139.05707	1669.84619	1.69656	586.18115	.00000
	GRADIENT	-.00018	-.03434	.00000	-.00965	-.11215	.00000	-.04483	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.036	1.91604	500.77759	2.54520	114.89307	1948.82397	1.64970	571.32104	.00000
2.495	-1.927	1.91593	500.64526	2.54520	114.87074	1948.17725	1.65014	572.34326	.00000
2.495	-.020	1.91650	500.65552	2.54520	114.86729	1948.30981	1.65011	571.54004	.00000
2.495	1.994	1.91666	500.54834	2.54520	114.85745	1947.65723	1.65046	573.51074	.00000
2.495	3.977	1.91625	500.26196	2.54520	114.79494	1946.49219	1.65140	573.72925	.00000
2.495	5.952	1.91647	499.66406	2.54520	114.66287	1944.08496	1.65338	573.94849	.00000
2.495	7.958	1.91649	499.89478	2.54520	114.71970	1944.92212	1.65262	574.67798	.00000
2.495	9.931	1.91665	499.86816	2.54520	114.72061	1944.70483	1.65270	575.62598	.00000
2.495	11.952	1.91626	500.09448	2.54520	114.77275	1945.58008	1.65196	575.84473	.00000
2.495	13.846	1.91671	500.02393	2.54520	114.76711	1945.13770	1.65219	577.22974	.00000
2.495	15.992	1.91656	499.83667	2.54520	114.72023	1944.37646	1.65281	577.37524	.00000
2.495	17.990	1.91674	499.88599	2.54520	114.73889	1944.54565	1.65265	577.59399	.00000
2.495	19.477	1.91712	500.00146	2.54520	114.77266	1944.87964	1.65226	578.68652	.00000
	GRADIENT	.00006	-.06311	-.00000	-.01174	-.28969	.00021	.33251	.00000

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.660	-3.025	2.02076	434.23193	2.29215	87.66550	1919.46289	1.73370	576.79224	.00000
2.660	-1.955	2.02058	433.70312	2.29215	87.56970	1916.87183	1.73369	576.71948	.00000
2.660	.009	2.02092	434.29614	2.29215	87.67123	1919.91089	1.73371	576.57373	.00000
2.660	1.941	2.02105	433.82764	2.29215	87.62244	1916.78833	1.73366	577.88550	.00000
2.660	3.952	2.02033	434.19531	2.29215	87.69353	1918.48437	1.73365	578.10400	.00000
2.660	5.919	2.02035	434.35522	2.29215	87.70471	1919.67725	1.73369	577.44800	.00000
2.660	7.946	2.02029	434.53882	2.29215	87.76596	1919.93359	1.73365	578.54077	.00000
2.660	9.920	2.02026	434.46631	2.29215	87.74159	1919.83618	1.73367	578.10376	.00000
2.659	11.929	2.01999	434.50879	2.29215	87.77020	1919.56299	1.73365	578.90527	.00000
2.659	13.897	2.01986	434.28442	2.29215	87.71884	1918.70874	1.73365	578.46802	.00000
2.659	15.920	2.01940	434.44189	2.29215	87.75833	1919.22998	1.73364	578.90527	.00000
2.659	17.959	2.01957	434.64526	2.29215	87.79445	1920.24341	1.73365	578.90503	.00000
2.659	19.422	2.01969	434.47461	2.29215	87.77550	1919.13159	1.73363	579.34229	.00000
	GRADIENT	-.00002	.00845	-.00000	.00727	-.09071	-.00001	.21921	.00000

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (PGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.007	-2.898	2.09870	1.63893	1.57615	1.41821	1.18966	.95168	.73495	1.52627	1.58265
2.007	-1.759	2.09874	1.64531	1.59383	1.44830	1.22749	.99095	.76982	1.54060	1.59731
2.007	.199	2.09959	1.64950	1.61296	1.48780	1.28127	1.05079	.82400	1.55520	1.61340
2.007	2.100	2.09950	1.64555	1.62494	1.52163	1.33246	1.11029	.88099	1.56338	1.62277
2.007	4.134	2.09862	1.64026	1.63599	1.55569	1.38256	1.16863	.93845	1.57066	1.62861
2.007	6.109	2.09857	1.63111	1.64287	1.58398	1.42819	1.22273	.99423	1.57274	1.63244
2.007	8.056	2.09814	1.61311	1.64129	1.60585	1.46958	1.27714	1.05209	1.56728	1.62522
2.007	10.106	2.09820	1.59271	1.63686	1.62269	1.50682	1.32739	1.10924	1.55856	1.61689
2.007	12.127	2.09813	1.56467	1.62522	1.63536	1.54290	1.37863	1.16823	1.54392	1.60176
2.007	14.111	2.09767	1.53487	1.60959	1.64187	1.57027	1.42210	1.22129	1.52406	1.58137
2.007	16.143	2.09774	1.49983	1.59096	1.64614	1.59880	1.46805	1.27707	1.50286	1.55925
2.007	18.137	2.09802	1.45918	1.56334	1.64167	1.61692	1.50732	1.33022	1.47259	1.52903
2.007	19.596	2.09812	1.43238	1.54541	1.63837	1.62969	1.53325	1.36696	1.45359	1.50980
	GRADIENT	.00003	.00004	.00827	.01929	.02725	.03078	.02887	.00610	.00641

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.274	-2.942	2.16962	1.65411	1.59001	1.42502	1.18452	.93591	.72039	1.53436	1.59730
2.274	-1.798	2.16935	1.65994	1.60451	1.45079	1.21860	.97234	.75357	1.54671	1.61094
2.274	.112	2.16958	1.65834	1.61942	1.48627	1.26880	1.02975	.80596	1.55738	1.62243
2.274	2.052	2.16936	1.65457	1.63283	1.52145	1.31990	1.08719	.85922	1.56650	1.63069
2.274	4.086	2.16806	1.64706	1.64133	1.55323	1.36919	1.14562	.91495	1.57263	1.63274
2.274	6.073	2.16774	1.63507	1.64646	1.58354	1.41881	1.20407	.97130	1.57349	1.63530
2.274	8.080	2.16712	1.61555	1.64361	1.60331	1.45748	1.25609	1.02757	1.56594	1.62643
2.274	10.005	2.16684	1.59966	1.64440	1.62654	1.50166	1.31176	1.08662	1.56245	1.62379
2.274	12.038	2.16647	1.57261	1.63316	1.63877	1.53784	1.36346	1.14546	1.54993	1.60867
2.274	14.051	2.16620	1.54523	1.62194	1.65115	1.57219	1.41382	1.20327	1.53241	1.59447
2.274	16.086	2.16607	1.51182	1.60387	1.65585	1.59964	1.45922	1.25975	1.51053	1.57296
2.274	18.125	2.16614	1.47472	1.58121	1.65693	1.62388	1.50268	1.31566	1.48327	1.54774
2.274	19.543	2.16565	1.44837	1.56438	1.65783	1.64238	1.53521	1.35633	1.46463	1.53049
	GRADIENT	-.00018	-.00120	.00721	.01818	.02621	.02979	.02761	.00528	.00492

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (PGY011) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-3.036	1.91604	1.69996	1.63191	1.45841	1.20774	.94761	.73195	1.57923	1.63709
2.495	-1.927	1.91593	1.70316	1.64500	1.48290	1.23940	.98291	.76274	1.58964	1.64716
2.495	-.020	1.91650	1.70766	1.66637	1.52480	1.29464	1.04405	.81831	1.60578	1.66334
2.495	1.994	1.91666	1.70982	1.68753	1.57009	1.35712	1.11344	.88077	1.61997	1.68062
2.495	3.977	1.91625	1.69864	1.69284	1.60060	1.40682	1.17392	.93844	1.62376	1.68074
2.495	5.952	1.91647	1.68808	1.69823	1.62942	1.45405	1.22983	.99327	1.62391	1.68223
2.495	7.958	1.91649	1.66987	1.69767	1.65263	1.49930	1.28851	1.05240	1.62035	1.67692
2.495	9.931	1.91665	1.64824	1.69280	1.67240	1.54024	1.34115	1.10850	1.61078	1.66903
2.495	11.952	1.91626	1.62222	1.68498	1.68846	1.57745	1.39429	1.16771	1.59811	1.65473
2.495	13.846	1.91671	1.59541	1.67217	1.69799	1.60946	1.43976	1.21961	1.58163	1.63933
2.495	15.992	1.91656	1.55422	1.64788	1.70036	1.63987	1.49058	1.28242	1.55422	1.61244
2.495	17.990	1.91674	1.51539	1.62489	1.70012	1.66209	1.53287	1.33594	1.52659	1.58644
2.495	19.477	1.91712	1.48058	1.59972	1.69236	1.67206	1.55781	1.37169	1.49996	1.55781
	GRADIENT	.00006	.00013	.00907	.02065	.02873	.03250	.02962	.00657	.00664

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.660	-3.025	2.02076	1.69989	1.63003	1.45435	1.19821	.93467	.71828	1.57635	1.63500
2.660	-1.955	2.02058	1.70438	1.64489	1.48114	1.23260	.97089	.75021	1.58812	1.64688
2.660	.009	2.02092	1.70862	1.66616	1.52270	1.28836	1.03414	.80674	1.60345	1.66268
2.660	1.941	2.02105	1.70027	1.67613	1.55894	1.34527	1.10046	.86897	1.61190	1.66917
2.660	3.952	2.02033	1.68803	1.68106	1.58724	1.39208	1.15727	.92437	1.61212	1.66912
2.660	5.919	2.02035	1.67981	1.69044	1.61974	1.44055	1.21354	.97724	1.61582	1.67454
2.660	7.946	2.02029	1.66072	1.68698	1.64188	1.48554	1.27279	1 03804	1.60916	1.66760
2.660	9.920	2.02026	1.64012	1.68374	1.66147	1.52492	1.32452	1.09066	1.60093	1.65988
2.659	11.929	2.01999	1.60937	1.67029	1.67313	1.56043	1.37625	1.15088	1.58308	1.64346
2.659	13.897	2.01986	1.58565	1.66322	1.68893	1.59851	1.42665	1.20461	1.57027	1.63289
2.659	15.920	2.01940	1.54298	1.63558	1.68612	1.62405	1.47267	1.26315	1.54149	1.60180
2.659	17.959	2.01957	1.50689	1.61557	1.69037	1.64918	1.51526	1.31422	1.51533	1.57932
2.659	19.422	2.01969	1.47621	1.59559	1.68988	1.66803	1.54888	1.35712	1.49358	1.55733
	GRADIENT	-.00002	-.00171	.00730	.01911	.02794	.03215	.02974	.00520	.00492

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (QGY011) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 63/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.007	-2.898	2.09870	1.23596	1.36173	1.18800	1.25068	.98638	1.05046
2.007	-1.769	2.09874	1.24441	1.37265	1.22043	1.28474	1.01900	1.08624
2.007	.199	2.09959	1.25048	1.38558	1.26339	1.33202	1.06536	1.13784
2.007	2.100	2.09950	1.25310	1.39120	1.30460	1.37627	1.11006	1.18684
2.007	4.134	2.09862	1.25637	1.39462	1.34517	1.41726	1.15667	1.23492
2.007	6.109	2.09857	1.25083	1.39150	1.37978	1.45379	1.19534	1.27637
2.007	8.056	2.09814	1.24322	1.38389	1.41034	1.48520	1.23412	1.31638
2.007	10.106	2.09820	1.23100	1.37300	1.43716	1.51246	1.26828	1.35309
2.007	12.127	2.09813	1.21889	1.35832	1.46152	1.53812	1.30387	1.38905
2.007	14.111	2.09767	1.19868	1.33939	1.47807	1.55551	1.33043	1.41855
2.007	16.143	2.09774	1.18092	1.31676	1.49585	1.57231	1.36048	1.44661
2.007	18.137	2.09802	1.15535	1.28950	1.50341	1.58045	1.38083	1.46913
2.007	19.596	2.09812	1.14088	1.27352	1.50980	1.58671	1.39579	1.48431
	GRADIENT	.00003	.00268	.00459	.02211	.02356	.02399	.02608

RUN NO. 62/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.274	-2.942	2.16962	1.22095	1.36405	1.17897	1.25052	.96777	1.04317
2.274	-1.798	2.16935	1.22760	1.37356	1.20750	1.28070	.99773	1.07439
2.274	.112	2.16958	1.23193	1.38149	1.24850	1.32412	1.04251	1.12273
2.274	2.052	2.16936	1.23505	1.38429	1.28870	1.36663	1.08682	1.16939
2.274	4.086	2.16806	1.23842	1.38261	1.33137	1.40479	1.13386	1.21472
2.274	6.073	2.16774	1.23575	1.38396	1.36877	1.44625	1.17833	1.26195
2.274	8.080	2.16712	1.22903	1.37468	1.39808	1.47549	1.21489	1.30105
2.274	10.005	2.16684	1.22164	1.36989	1.43147	1.50938	1.25636	1.34250
2.274	12.038	2.16647	1.20999	1.35598	1.45576	1.53527	1.29063	1.37997
2.274	14.051	2.16620	1.19145	1.34247	1.47731	1.56060	1.32130	1.41649
2.274	16.086	2.16607	1.16929	1.32140	1.49270	1.57734	1.34752	1.44508
2.274	18.125	2.16614	1.14504	1.30143	1.50354	1.59256	1.36956	1.47429
2.274	19.543	2.16565	1.12740	1.29389	1.51332	1.60461	1.38840	1.49671
	GRADIENT	-.00018	.00231	.00255	.02150	.02193	.02348	.02440

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (QGY011) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = 2.049 PHI = .000
Q(PSF) = 500.000

RUN NO. 60/ 0 RN/L = 2.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-3.036	1.91604	1.25726	1.38534	1.20731	1.27189	.98827	1.05560
2.495	-1.927	1.91593	1.26352	1.39172	1.23466	1.29886	1.01676	1.08498
2.495	-.020	1.91650	1.27181	1.40146	1.28068	1.34634	1.06596	1.13664
2.495	1.994	1.91666	1.27655	1.41438	1.33071	1.40108	1.11892	1.19437
2.495	3.977	1.91625	1.27742	1.40978	1.37111	1.44047	1.16619	1.24173
2.495	5.952	1.91647	1.27319	1.41062	1.40605	1.47866	1.20847	1.28600
2.495	7.958	1.91649	1.26711	1.40322	1.44270	1.51312	1.25072	1.32951
2.495	9.931	1.91665	1.25672	1.39541	1.47071	1.54456	1.28735	1.36912
2.495	11.952	1.91626	1.24255	1.38232	1.49620	1.57141	1.32279	1.40731
2.495	13.846	1.91671	1.22587	1.36756	1.51664	1.59305	1.35223	1.43823
2.495	15.992	1.91656	1.20213	1.34347	1.53422	1.61265	1.38292	1.47236
2.495	17.990	1.91674	1.17862	1.32017	1.54453	1.62580	1.40557	1.49773
2.495	19.477	1.91712	1.15551	1.29574	1.54658	1.62671	1.41776	1.50987
	GRADIENT	.00006	.00290	.00392	.02357	.02446	.02551	.02683

RUN NO. 61/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.660	-3.025	2.02076	1.24684	1.37824	1.19830	1.26372	.97546	1.04310
2.660	-1.955	2.02058	1.25347	1.38576	1.22695	1.29323	1.00559	1.07458
2.660	.009	2.02092	1.26107	1.39545	1.27353	1.34147	1.05566	1.12704
2.660	1.941	2.02105	1.26579	1.40077	1.31862	1.38898	1.10640	1.18134
2.660	3.952	2.02033	1.26153	1.39614	1.35598	1.42534	1.15038	1.22468
2.660	5.919	2.02035	1.25798	1.39742	1.39381	1.46685	1.19152	1.27074
2.660	7.946	2.02029	1.25041	1.39086	1.42670	1.50042	1.23454	1.31540
2.660	9.920	2.02026	1.23957	1.38603	1.45416	1.53236	1.26884	1.35673
2.659	11.929	2.01999	1.22303	1.37015	1.47656	1.55745	1.30239	1.39250
2.659	13.897	2.01986	1.20729	1.36071	1.50119	1.58609	1.33434	1.43026
2.659	15.920	2.01940	1.18346	1.33207	1.51587	1.59972	1.36251	1.45864
2.659	17.959	2.01957	1.15975	1.31335	1.52817	1.61594	1.38579	1.48606
2.659	19.422	2.01969	1.14038	1.29495	1.53696	1.62630	1.40435	1.50698

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
1.994	-2.871	-.00018	299.92090	1.46665	107.77406	835.27344	1.65625	556.88037	.00000
1.994	-1.781	-.00028	299.93481	1.46665	107.78040	835.30737	1.65625	557.04565	.00000
1.994	.136	-.00074	299.80322	1.46665	107.73573	834.92847	1.65624	557.15552	.00000
1.994	2.120	-.00075	299.89941	1.46665	107.76962	835.19995	1.65624	557.21069	.00000
1.994	4.071	-.00074	299.85400	1.46665	107.75487	835.06714	1.65624	557.32080	.00000
1.994	6.054	-.00049	299.82397	1.46665	107.74400	834.98291	1.65624	557.26587	.00000
1.994	8.036	-.00030	299.84033	1.46665	107.75204	835.01904	1.65624	557.54102	.00000
1.994	10.074	-.00032	299.92798	1.46665	107.78156	835.27246	1.65624	557.43091	.00000
1.994	12.087	-.00039	299.83105	1.46665	107.74847	834.99365	1.65623	557.48608	.00000
1.994	14.062	.00045	299.90356	1.46665	107.77357	835.20093	1.65624	557.48608	.00000
1.994	16.024	.00051	299.82544	1.46665	107.74940	834.96582	1.65623	557.81641	.00000
1.994	18.311	.00048	299.87891	1.46665	107.76604	835.12598	1.65624	557.59619	.00000
1.994	19.079	.00038	299.56885	1.46665	107.65889	834.24390	1.65623	557.65112	.00000
1.994	20.149	-.00069	299.89453	1.46665	107.77249	835.16626	1.65623	557.70630	.00000
1.994	21.172	-.00088	299.94067	1.46665	107.78845	835.29810	1.65624	557.70630	.00000
	GRADIENT	-.00009	-.00922	-.00000	-.00267	-.02834	-.00000	.05731	.00000

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.258	-2.935	.28775	304.45483	1.53908	85.27434	999.10767	1.69466	560.45679	.00000
2.258	-1.979	.28793	304.52295	1.53908	85.29468	999.31934	1.69467	560.73169	.00000
2.258	.081	.28799	304.25806	1.53908	85.22267	998.43115	1.69466	560.67676	.00000
2.258	1.993	.28829	304.13477	1.53908	85.18806	998.02783	1.69466	560.51196	.00000
2.258	3.999	.28875	304.24365	1.53908	85.21710	998.39722	1.69467	560.45703	.00000
2.258	5.990	.28906	304.17749	1.53908	85.20047	998.16333	1.69466	560.62183	.00000
2.258	7.968	.28946	304.15186	1.53908	85.19427	998.07056	1.69466	560.73169	.00000
2.258	9.977	.28964	304.11206	1.53908	85.18349	997.93579	1.69466	560.73193	.00000
2.258	11.954	.29017	304.12036	1.53908	85.18619	997.96045	1.69466	560.78662	.00000
2.258	13.945	.29124	304.12109	1.53908	85.18674	997.95923	1.69466	560.84155	.00000
2.258	15.976	.29146	304.22656	1.53908	85.21646	998.30396	1.69466	561.00659	.00000
2.258	18.002	.29159	304.11597	1.53908	85.18651	997.93213	1.69465	561.00659	.00000
2.258	20.056	.29044	304.14136	1.53908	85.19342	998.01807	1.69465	561.00659	.00000
2.258	21.153	.28996	304.12598	1.53908	85.18962	997.96167	1.69465	561.06152	.00000
	GRADIENT	.00013	-.04592	.00000	-.01256	-.15338	-.00000	-.01685	.00000

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (AGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.476	-3.008	-.18034	301.54126	1.58215	70.24568	1156.86621	2.82771	566.49756	.00000
2.476	-1.927	-.18028	300.88281	1.58215	70.09691	1154.26953	2.83390	566.44263	.00000
2.476	-.048	-.18051	300.33789	1.58215	69.97247	1152.14038	2.83904	566.16846	.00000
2.477	1.900	-.18070	303.21289	1.58215	70.62192	1163.48169	2.81212	566.38794	.00000
2.477	3.922	-.18071	302.84253	1.58215	70.53748	1162.03223	2.81556	566.22314	.00000
2.477	5.884	-.18079	302.76782	1.58215	70.51974	1161.75317	2.81625	566.05859	.00000
2.477	7.906	-.18074	302.73340	1.58215	70.51041	1161.63916	2.81658	565.78418	.00000
2.477	9.883	-.18095	302.66724	1.58215	70.49454	1161.39062	2.81719	565.61963	.00000
2.477	11.888	-.18080	302.76855	1.58215	70.51581	1161.81641	2.81625	565.34546	.00000
2.477	13.895	-.18007	302.70068	1.58215	70.50110	1161.53735	2.81688	565.45508	.00000
2.477	15.881	-.17999	302.74902	1.58215	70.51135	1161.73975	2.81643	565.34546	.00000
2.477	17.940	-.18017	302.76221	1.58215	70.51311	1161.81152	2.81631	565.12573	.00000
2.477	19.940	-.18030	302.76147	1.58215	70.51479	1161.77783	2.81631	565.45508	.00000
2.477	21.017	-.18072	302.76562	1.58215	70.51450	1161.81299	2.81628	565.23560	.00000
	GRADIENT	-.00007	.29793	-.00000	.06695	1.18012	-.00278	-.03271	.00000

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.642	-3.045	-.11917	306.94092	1.66189	62.80670	1337.84058	1.73232	569.56763	.00000
2.642	-1.948	-.11911	307.01440	1.66189	62.82239	1338.14673	1.73232	569.51294	.00000
2.642	-.022	-.11907	307.10107	1.66189	62.84135	1338.49683	1.73232	569.34863	.00000
2.642	1.906	-.11902	306.57812	1.66189	62.73184	1336.27271	1.73232	569.23877	.00000
2.642	3.873	-.11891	306.60132	1.66189	62.73746	1336.35547	1.73232	569.07422	.00000
2.642	5.848	-.11890	306.67700	1.66189	62.75334	1336.67603	1.73232	569.07446	.00000
2.642	7.870	-.11876	306.78101	1.66189	62.77617	1337.09570	1.73231	568.85498	.00000
2.642	9.892	-.11871	306.64526	1.66189	62.74834	1336.50415	1.73231	568.69067	.00000
2.642	11.832	-.11873	306.67676	1.66189	62.75517	1336.63208	1.73231	568.63574	.00000
2.642	13.872	-.11793	306.73291	1.66189	62.76675	1336.87500	1.73231	568.69067	.00000
2.642	15.863	-.11779	306.72217	1.66189	62.76502	1336.81860	1.73231	568.58105	.00000
2.642	17.905	-.11780	306.58569	1.66189	62.73701	1336.22607	1.73231	568.41675	.00000
2.642	19.914	-.11814	306.63110	1.66189	62.74588	1336.43408	1.73231	568.58105	.00000
2.642	20.974	-.11864	306.70068	1.66189	62.76265	1336.67396	1.73231	568.08765	.00000
	GRADIENT	.00003	-.06592	-.00000	-.01355	-.28597	.00000	-.07152	.00000

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (PGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
1.994	-2.871	-.00018	1.63341	1.57543	1.41085	1.18142	.94811	.73645	1.54419	1.55676
1.994	-1.781	-.00028	1.64033	1.59139	1.43688	1.21453	.98353	.76759	1.55759	1.56986
1.994	.136	-.00074	1.64486	1.61241	1.48028	1.27152	1.04448	.82054	1.57288	1.58656
1.994	2.120	-.00075	1.64556	1.62847	1.51744	1.32377	1.10308	.87563	1.58513	1.59832
1.994	4.071	-.00074	1.64026	1.63942	1.55060	1.37410	1.16058	.93164	1.59276	1.60495
1.994	6.054	-.00049	1.62778	1.64321	1.57806	1.42163	1.21816	.98918	1.59251	1.60587
1.994	8.036	-.00030	1.61159	1.64314	1.60040	1.46335	1.27111	1.04493	1.58927	1.60004
1.994	10.074	-.00032	1.58997	1.63852	1.62074	1.50449	1.32405	1.10298	1.57846	1.59185
1.994	12.087	-.00039	1.56391	1.62886	1.63306	1.53834	1.37324	1.15860	1.56463	1.57715
1.994	14.062	.00045	1.53287	1.61271	1.63916	1.56525	1.41739	1.21207	1.54511	1.55741
1.994	16.024	.00051	1.49765	1.59196	1.63925	1.58973	1.45909	1.26450	1.52214	1.53378
1.994	16.311	.00048	1.49189	1.58905	1.64019	1.59355	1.46485	1.27175	1.51708	1.52946
1.994	18.079	.00038	1.45584	1.56517	1.63650	1.61136	1.50121	1.31941	1.49116	1.50552
1.994	20.149	-.00069	1.41631	1.53809	1.63302	1.63015	1.53953	1.37228	1.45951	1.47564
1.994	21.172	-.00088	1.39565	1.52445	1.63060	1.63921	1.55963	1.40026	1.44463	1.46199
	GRADIENT	-.00009	.00095	.00916	.02015	.02774	.03057	.02802	.00690	.00691

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.258	-2.935	.28775	1.66200	1.60014	1.42535	1.18091	.93493	.72434	1.56415	1.58035
2.258	-1.979	.28793	1.66211	1.60929	1.44535	1.20735	.96322	.74983	1.57140	1.58737
2.258	.081	.28799	1.66070	1.62738	1.48703	1.26575	1.02938	.80795	1.58478	1.60048
2.258	1.993	.28829	1.65835	1.64061	1.52097	1.31658	1.08495	.85781	1.59306	1.60945
2.258	3.999	.28875	1.65087	1.64871	1.55455	1.36714	1.14407	.91271	1.59694	1.61544
2.258	5.990	.28906	1.63744	1.65231	1.58052	1.41223	1.20003	.96795	1.59557	1.61408
2.258	7.968	.28946	1.62116	1.65235	1.60390	1.45679	1.25451	1.02451	1.59135	1.61129
2.258	9.977	.28964	1.59893	1.64806	1.62348	1.49829	1.31047	1.08335	1.58047	1.60346
2.258	11.954	.29017	1.57547	1.64024	1.63946	1.53477	1.35992	1.13911	1.56836	1.59281
2.258	13.945	.29124	1.54875	1.62968	1.65084	1.56948	1.41094	1.19791	1.55443	1.57658
2.258	15.976	.29146	1.51403	1.61063	1.65559	1.59830	1.45773	1.25390	1.53178	1.55400
2.258	18.002	.29159	1.47919	1.58890	1.65935	1.62681	1.50323	1.31138	1.50902	1.53013
2.258	20.056	.29044	1.43669	1.56350	1.65828	1.64979	1.54864	1.36813	1.47930	1.49979
2.258	21.153	.28996	1.41143	1.54377	1.65245	1.65528	1.56642	1.39582	1.45689	1.48006
	GRADIENT	.00013	-.00150	.00713	.01866	.02697	.03026	.02717	.00482	.00512

0A234 LERC 10SWT 42 LHA .2P/S RHFN.1S (PGY012) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.476	-3.008	-.18034	1.69503	1.63149	1.44908	1.19659	.94123	.73214	1.59695	1.60865
2.476	-1.927	-.18028	1.69846	1.64409	1.47461	1.22874	.97661	.76277	1.60733	1.61904
2.476	-.048	-.18051	1.70010	1.66428	1.51671	1.28689	1.04012	.81662	1.62248	1.63346
2.477	1.900	-.18070	1.69729	1.67863	1.55228	1.33948	1.10075	.87364	1.63395	1.64384
2.477	3.922	-.18071	1.69447	1.69065	1.59043	1.39372	1.16259	.92885	1.64244	1.65084
2.477	5.884	-.18079	1.68039	1.69412	1.61757	1.44208	1.22348	.98824	1.64046	1.65003
2.477	7.906	-.18074	1.66674	1.70024	1.64925	1.49431	1.28635	1.05031	1.64179	1.65188
2.477	9.883	-.18095	1.64613	1.69391	1.66683	1.53393	1.33760	1.10440	1.63187	1.64198
2.477	11.888	-.18080	1.62375	1.69007	1.68716	1.57559	1.39140	1.16248	1.62233	1.63388
2.477	13.895	-.18007	1.58993	1.67316	1.69327	1.60655	1.44203	1.22019	1.60205	1.61342
2.477	15.881	-.17999	1.55587	1.65392	1.69865	1.63611	1.48821	1.27561	1.57798	1.58991
2.477	17.940	-.18017	1.51912	1.63199	1.69922	1.65942	1.53028	1.32830	1.55194	1.56441
2.477	19.940	-.18030	1.46958	1.59682	1.68966	1.67402	1.56411	1.37637	1.51311	1.52713
2.477	21.017	-.18072	1.44000	1.57423	1.68013	1.67800	1.58134	1.40144	1.48925	1.50383
	GRADIENT	-.00007	-.00020	.00855	.02029	.02849	.03201	.02851	.00657	.00608

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.642	-3.045	-.11917	1.68438	1.61917	1.43555	1.17915	.92144	.71604	1.58450	1.59532
2.642	-1.948	-.11911	1.68919	1.63522	1.46287	1.21358	.95812	.74651	1.59710	1.60928
2.642	-.022	-.11907	1.69372	1.65586	1.50567	1.27180	1.02219	.80217	1.61358	1.62641
2.642	1.906	-.11902	1.68726	1.66692	1.53940	1.32189	1.07923	.85532	1.62107	1.63250
2.642	3.873	-.11891	1.68395	1.68118	1.57799	1.37810	1.14417	.91260	1.62974	1.64115
2.642	5.848	-.11890	1.67087	1.68288	1.60381	1.42426	1.20144	.97133	1.62865	1.64006
2.642	7.870	-.11876	1.65442	1.68682	1.63556	1.47781	1.26582	1.03084	1.62628	1.63839
2.642	9.892	-.11871	1.63311	1.68102	1.65150	1.51613	1.31954	1.08939	1.61763	1.62977
2.642	11.832	-.11873	1.61041	1.67663	1.67307	1.55942	1.37477	1.14597	1.60689	1.62047
2.642	13.872	-.11793	1.57686	1.66002	1.68146	1.59309	1.42486	1.20238	1.58531	1.60035
2.642	15.863	-.11779	1.54505	1.64516	1.68933	1.62408	1.47105	1.25556	1.56687	1.58127
2.642	17.905	-.11780	1.50514	1.61782	1.68333	1.64192	1.50968	1.30888	1.53685	1.551.1
2.642	19.914	-.11814	1.46314	1.59207	1.68353	1.66529	1.55136	1.35905	1.50682	1.52328
2.642	20.974	-.11864	1.43614	1.57243	1.67812	1.67461	1.57243	1.38781	1.48616	1.50083

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (QGY012) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 33/ 0 RN/L = 1.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
1.994	-2.871	-.00018	1.28322	1.30369	1.21363	1.21798	1.01226	1.02395
1.994	-1.781	-.00028	1.29127	1.31278	1.24256	1.24609	1.04172	1.05252
1.994	.136	-.00074	1.29878	1.32366	1.28928	1.29519	1.09079	1.10228
1.994	2.120	-.00075	1.30369	1.32958	1.33273	1.33812	1.13734	1.14870
1.994	4.071	-.00074	1.30524	1.33136	1.37305	1.37912	1.18188	1.19297
1.994	6.054	-.00049	1.30110	1.33032	1.40912	1.41661	1.22435	1.23660
1.994	8.036	-.00030	1.29475	1.32128	1.44130	1.44828	1.26391	1.27442
1.994	10.074	-.00032	1.28139	1.31268	1.46979	1.47938	1.30076	1.31268
1.994	12.087	-.00039	1.26719	1.29962	1.49314	1.50247	1.33246	1.34645
1.994	14.062	.00045	1.24818	1.28074	1.50930	1.52005	1.36007	1.37442
1.994	16.024	.00051	1.22668	1.26058	1.52373	1.53518	1.38522	1.39896
1.994	16.311	.00048	1.22269	1.25706	1.52443	1.53686	1.38908	1.40188
1.994	18.079	.00038	1.19919	1.23801	1.53284	1.54671	1.40739	1.42483
1.994	20.149	-.00069	1.17111	1.21674	1.53953	1.55625	1.42713	1.44799
1.994	21.172	-.00088	1.15869	1.20539	1.54240	1.56172	1.43763	1.45903
	GRADIENT	-.00009	.00309	.00396	.02291	.02322	.02439	.02436

RUN NO. 34/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.258	-2.935	.28775	1.27910	1.30728	1.21341	1.21905	1.00011	1.01452
2.258	-1.979	.28793	1.28432	1.31110	1.23532	1.24195	1.02451	1.03837
2.258	.081	.28799	1.29120	1.32131	1.28411	1.29191	1.07635	1.09164
2.258	1.993	.28829	1.29254	1.32600	1.32417	1.33355	1.12074	1.13614
2.258	3.999	.28875	1.28937	1.33063	1.36345	1.37704	1.16353	1.18418
2.258	5.990	.28906	1.28427	1.32926	1.39677	1.41293	1.20298	1.22761
2.258	7.968	.28946	1.27790	1.32500	1.43076	1.44683	1.24396	1.26813
2.258	9.977	.28964	1.26706	1.32120	1.45908	1.48131	1.28049	1.31054
2.258	11.954	.29017	1.25331	1.30902	1.48379	1.50860	1.31482	1.34599
2.258	13.945	.29124	1.23782	1.29516	1.50721	1.53199	1.34883	1.37830
2.258	15.976	.29146	1.21790	1.27391	1.52639	1.54879	1.37838	1.40679
2.258	18.002	.29159	1.19472	1.25395	1.54005	1.56668	1.40542	1.43587
2.258	20.056	.29044	1.16891	1.22779	1.55147	1.57834	1.42910	1.46012
2.258	21.153	.28996	1.14829	1.21170	1.55156	1.57889	1.43744	1.46826
	GRADIENT	.00013	.00152	.00342	.02175	.02281	.02366	.02448

OA234 LERC 10SWT 42 LHA .2P/S RHFN.1S (QGY012) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.002 PHI = .000
Q(PSF) = 300.000

RUN NO. 36/ 0 RN/L = 1.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.476	-3.008	-.18034	1.30713	1.32107	1.23313	1.23367	1.01477	1.02037
2.476	-1.927	-.18028	1.31307	1.32726	1.26058	1.26162	1.04369	1.04894
2.476	-.048	-.18051	1.32125	1.33765	1.30881	1.31051	1.09508	1.10070
2.477	1.900	-.18070	1.32671	1.34193	1.35344	1.35366	1.14306	1.14796
2.477	3.922	-.18071	1.32912	1.34570	1.39710	1.39798	1.19140	1.19645
2.477	5.884	-.18079	1.32630	1.34358	1.43460	1.43568	1.23610	1.24143
2.477	7.906	-.18074	1.32093	1.34278	1.47620	1.47796	1.28115	1.28921
2.477	9.883	-.18095	1.30943	1.33427	1.50116	1.50764	1.31724	1.32570
2.477	11.888	-.18080	1.29641	1.32475	1.53148	1.53793	1.35536	1.36474
2.477	13.895	-.18007	1.27757	1.30795	1.55154	1.55965	1.38626	1.39794
2.477	15.881	-.17999	1.25602	1.28894	1.56715	1.57784	1.41584	1.42744
2.477	17.940	-.18017	1.22891	1.26778	1.58006	1.58978	1.43915	1.45060
2.477	19.940	-.18030	1.19598	1.23679	1.58331	1.59515	1.45520	1.46886
2.477	21.017	-.18072	1.17292	1.21645	1.57992	1.59415	1.45844	1.47640
	GRADIENT	-.00007	.00319	.00354	.02373	.02371	.02554	.02546

RUN NO. 39/ 0 RN/L = 1.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.642	-3.045	-.11917	1.28842	1.30431	1.21521	1.21697	.99356	1.00184
2.642	-1.948	-.11911	1.29550	1.31072	1.24476	1.24719	1.02387	1.03096
2.642	-.022	-.11907	1.30541	1.32581	1.29412	1.29771	1.07721	1.08556
2.642	1.906	-.11902	1.30856	1.32860	1.33547	1.33802	1.12199	1.12961
2.642	3.873	-.11891	1.31148	1.33456	1.38140	1.38441	1.17266	1.18079
2.642	5.848	-.11890	1.30717	1.33142	1.41616	1.42146	1.21533	1.22496
2.642	7.870	-.11876	1.30188	1.32912	1.45665	1.46379	1.26123	1.27344
2.642	9.892	-.11871	1.28826	1.31895	1.48447	1.49089	1.29737	1.30979
2.642	11.832	-.11873	1.27681	1.31098	1.51376	1.52506	1.33711	1.35046
2.642	13.872	-.11793	1.25655	1.29361	1.53506	1.54681	1.36871	1.38314
2.642	15.863	-.11779	1.23625	1.27583	1.55459	1.56656	1.39753	1.41119
2.642	17.905	-.11780	1.21045	1.25129	1.56234	1.57455	1.41668	1.43255
2.642	19.914	-.11814	1.18209	1.22697	1.57312	1.58741	1.44152	1.45609
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00003	.00327	.00437	.02385	.02399	.02575	.02577

OA234 LERC 10SWT 42 LHFN.1S RHF0.2A (AGY013) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.009	-2.851	-.00457	496.79956	2.37383	175.86145	1395.18408	1.65880	555.33813	.00000
2.008	-1.884	-.00347	497.16479	2.37383	176.09959	1395.72437	1.65870	564.85132	.00000
2.008	.090	-.00377	497.12524	2.37383	176.09206	1395.58423	1.65870	565.34546	.00000
2.008	2.076	-.00391	497.24268	2.37383	176.13770	1395.89844	1.65869	565.78442	.00000
2.008	4.075	-.00332	497.18066	2.37383	176.11635	1395.71875	1.65869	565.78418	.00000
2.008	6.018	-.00315	497.24048	2.37383	176.13954	1395.87817	1.65868	566.00391	.00000
2.008	7.988	-.00305	497.52295	2.37383	176.24142	1396.66309	1.65869	566.38794	.00000
2.008	9.977	-.00268	497.96851	2.37383	176.39896	1397.91675	1.65869	566.71704	.00000
2.008	12.014	-.00192	497.71118	2.37383	176.31149	1397.17676	1.65868	566.82666	.00000
2.008	13.965	-.00146	497.78564	2.37383	176.34238	1397.36475	1.65868	567.26562	.00000
2.008	16.135	-.00084	497.65088	2.37383	176.29932	1396.96753	1.65867	567.53979	.00000
2.008	18.169	-.00130	497.69287	2.37383	176.31302	1397.08789	1.65868	567.48486	.00000
2.008	20.232	-.00300	497.86548	2.37383	176.37448	1397.57227	1.65868	567.64917	.00000
2.008	21.247	-.00301	497.70483	2.37383	176.32245	1397.09863	1.65867	567.92334	.00000
	GRADIENT	.00010	.04224	.00000	.02747	.06285	-.00001	1.09058	.00000

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-2.962	.28395	503.09424	2.45386	138.83287	1670.06104	1.69670	572.68970	.00000
2.275	-1.813	.28411	502.51416	2.45386	138.67699	1668.09497	1.69669	572.63501	.00000
2.275	.159	.28443	502.46558	2.45386	138.66566	1667.91333	1.69669	572.79907	.00000
2.275	1.997	.28480	502.28955	2.45386	138.62141	1667.29028	1.69669	573.07300	.00000
2.275	4.090	.28632	502.30420	2.45386	138.62595	1667.33521	1.69669	573.12769	.00000
2.275	6.022	.28674	502.40674	2.45386	138.65326	1667.68286	1.69669	573.12744	.00000
2.275	7.968	.28726	502.35156	2.45386	138.63966	1667.48584	1.69669	573.23682	.00000
2.275	10.038	.28756	502.38110	2.45386	138.65210	1667.54224	1.69669	573.67456	.00000
2.275	12.022	.28860	502.75146	2.45386	138.75296	1668.78516	1.69669	573.83887	.00000
2.275	14.026	.28986	503.03076	2.45386	138.82828	1669.73047	1.69663	573.89355	.00000
2.275	16.091	.29036	502.91821	2.45386	138.80034	1669.32495	1.69669	574.11255	.00000
2.275	18.060	.29081	502.99268	2.45386	138.82137	1669.56836	1.69668	574.22192	.00000
2.275	20.163	.28880	503.06592	2.45386	138.84045	1669.82178	1.69668	574.16724	.00000
2.275	21.215	.28830	502.84570	2.45386	138.78702	1669.02246	1.69668	574.71436	.00000
	GRADIENT	.00031	-.09458	.00000	-.02454	-.32840	-.00000	.07462	.00000

OA234 LERC 10SWT 42 LHFN.1S RHFO.2A (AGY013) (26 APR 80)

REFERENCE DATA PARAMETRIC DATA

SCALE = .1000 BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-3.028	-.18094	500.62183	2.53601	114.89285	1947.64917	1.70525	576.13574	.00000
2.495	-1.923	-.18086	500.70239	2.53601	114.91443	1947.91333	1.70498	576.62769	.00000
2.495	.073	-.18123	500.21021	2.53601	114.80717	1945.90771	1.70666	577.01050	.00000
2.495	2.006	-.18156	500.36914	2.53601	114.83751	1946.62354	1.70611	576.29956	.00000
2.495	3.981	-.18135	500.20435	2.53601	114.80350	1945.92261	1.70668	576.68262	.00000
2.495	6.035	-.18163	500.30762	2.53601	114.82652	1946.33398	1.70632	576.68237	.00000
2.495	7.990	-.18182	500.52808	2.53601	114.87630	1947.20557	1.70557	576.73706	.00000
2.495	10.028	-.18200	500.41577	2.53601	114.85277	1946.73315	1.70596	576.95581	.00000
2.495	12.009	-.18104	500.48120	2.53601	114.86891	1946.96655	1.70573	577.17432	.00000
2.495	14.054	-.18114	500.02124	2.53601	114.76489	1945.15259	1.70730	577.01050	.00000
2.495	15.865	-.18046	501.41724	2.53601	115.08495	1950.58960	1.70255	578.10376	.00000
2.495	16.074	-.18076	498.16504	2.53601	114.34898	1937.77002	1.71366	576.90137	.00000
2.495	18.076	-.18096	499.84375	2.53601	114.72681	1944.42139	1.70791	577.22925	.00000
2.495	20.122	-.18183	501.81494	2.53601	115.17079	1952.22388	1.70120	577.66650	.00000
2.495	21.083	-.18201	501.32178	2.53601	115.06579	1950.17554	1.70287	578.37695	.00000
	GRADIENT	-.00009	-.06560	-.00000	-.01441	-.26550	.00022	.03579	.00000

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.661	-3.006	-.11992	434.11523	2.31445	87.56355	1920.75195	1.73379	573.72900	.00000
2.661	-1.967	-.11962	434.30737	2.31445	87.60492	1921.53857	1.73379	574.00244	.00000
2.661	-.022	-.11983	434.34058	2.31445	87.60780	1921.77588	1.73380	573.89331	.00000
2.661	1.937	-.11995	434.29346	2.31445	87.60536	1921.40503	1.73378	574.11206	.00000
2.661	3.964	-.11940	434.40381	2.31445	87.62492	1921.95703	1.73379	574.11206	.00000
2.661	5.892	-.11935	434.40161	2.31445	87.62302	1921.97925	1.73379	574.05713	.00000
2.661	7.874	-.11926	434.22925	2.31445	87.59250	1921.11743	1.73379	574.05737	.00000
2.661	9.888	-.11921	434.47485	2.31445	87.64044	1922.24438	1.73378	574.22119	.00000
2.661	11.949	-.11877	434.11890	2.31445	87.57591	1920.49927	1.73378	574.16699	.00000
2.661	13.986	-.11808	434.18506	2.31445	87.58177	1920.96484	1.73379	573.94775	.00000
2.661	15.936	-.11773	434.08398	2.31445	87.56973	1920.32520	1.73378	574.16675	.00000
2.661	17.967	-.11787	434.14624	2.31445	87.58365	1920.56812	1.73377	574.27612	.00000
2.661	20.013	-.11860	434.33398	2.31445	87.61258	1921.60571	1.73379	574.11230	.00000
2.661	21.040	-.11879	434.55591	2.31445	87.65909	1922.54687	1.73379	574.38574	.00000
	GRADIENT	.00004	02937	-.00000	.00645	.11820	.00000	.04660	.00000

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (PGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.009	-2.851	-.00457	1.64015	1.58263	1.41057	1.19001	.95509	.73934	1.55002	1.56436
2.008	-1.884	-.00347	1.64803	1.59799	1.44476	1.22114	.98577	.76544	1.56362	1.57756
2.008	.090	-.00377	1.65146	1.61925	1.48759	1.27913	1.04935	.82198	1.58002	1.59403
2.008	2.076	-.00391	1.65460	1.63805	1.52754	1.33340	1.11035	.87911	1.59400	1.60763
2.008	4.075	-.00332	1.64910	1.64789	1.56054	1.38332	1.16656	.93439	1.60147	1.61441
2.008	6.018	-.00315	1.63397	1.64893	1.58490	1.42806	1.22277	.99320	1.59978	1.61198
2.008	7.988	-.00305	1.61798	1.64909	1.60726	1.46829	1.27438	1.04793	1.59462	1.60695
2.008	9.977	-.00268	1.59491	1.64283	1.62462	1.50789	1.32782	1.10715	1.58280	1.59769
2.008	12.014	-.00192	1.57007	1.63441	1.63993	1.54440	1.37828	1.16356	1.57180	1.58447
2.008	13.965	-.00146	1.53898	1.61839	1.64620	1.57283	1.42261	1.21785	1.55109	1.56455
2.008	16.135	-.00084	1.50067	1.59529	1.64583	1.59763	1.46767	1.27589	1.52490	1.53799
2.008	18.169	-.00130	1.45887	1.56868	1.64427	1.61908	1.50658	1.32816	1.49392	1.50875
2.008	20.232	-.00300	1.41729	1.53930	1.63756	1.63712	1.54624	1.38312	1.46229	1.47855
2.008	21.247	-.00301	1.39738	1.52451	1.63424	1.64423	1.56402	1.40861	1.44628	1.46286
	GRADIENT	.00010	.00124	.00944	.02045	.02791	.03069	.02830	.00735	.00717

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.275	-2.962	.28395	1.67085	1.60954	1.43599	1.19194	.94115	.72517	1.57285	1.59021
2.275	-1.813	.28411	1.67442	1.62336	1.46164	1.22588	.97866	.75899	1.58273	1.60057
2.275	.159	.28443	1.67152	1.63791	1.49862	1.27821	1.03795	.81256	1.59437	1.61167
2.275	1.997	.28480	1.66515	1.64643	1.52906	1.32492	1.09279	.86436	1.59958	1.61632
2.275	4.090	.28632	1.65777	1.65709	1.56379	1.37681	1.15197	.91920	1.60420	1.62267
2.275	6.022	.28674	1.64613	1.66076	1.59054	1.42292	1.20865	.97595	1.60499	1.62420
2.275	7.968	.28726	1.62970	1.65988	1.61345	1.46512	1.26175	1.03022	1.60013	1.61901
2.275	10.038	.28756	1.60558	1.65460	1.63253	1.50696	1.31837	1.09155	1.58886	1.60943
2.275	12.022	.28860	1.58161	1.64710	1.64756	1.54315	1.36784	1.14762	1.57689	1.59940
2.275	14.026	.28986	1.55302	1.63373	1.65838	1.57805	1.41860	1.20704	1.55944	1.58305
2.275	16.091	.29036	1.51751	1.61357	1.66242	1.60529	1.46327	1.26240	1.53506	1.55903
2.275	18.060	.29081	1.48243	1.59358	1.66548	1.63283	1.51027	1.32055	1.51241	1.53690
2.275	20.163	.28880	1.43994	1.56522	1.66246	1.65516	1.55362	1.37889	1.48062	1.50510
2.275	21.215	.28830	1.41724	1.54978	1.65964	1.66351	1.57298	1.40635	1.46392	1.48751
	GRADIENT	.00031	-.00207	.00650	.01795	.02610	.02985	.02751	.00435	.00442

0A234 LERC 10SWT 42 LHFN.1S RHFO.2A (PGY013) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.495	-3.028	-.18094	1.70540	1.64226	1.46137	1.20748	.94852	.73145	1.60777	1.61809
2.495	-1.923	-.18086	1.71001	1.65623	1.48745	1.24176	.98716	.76625	1.61842	1.62948
2.495	.073	-.18123	1.71147	1.67637	1.53031	1.29991	1.05155	.82482	1.63357	1.64614
2.495	2.006	-.18156	1.71433	1.69551	1.57165	1.35595	1.11258	.88027	1.64893	1.65967
2.495	3.981	-.18135	1.70779	1.70622	1.60790	1.41235	1.17967	.94426	1.65616	1.66692
2.495	6.035	-.18163	1.69047	1.70583	1.63273	1.45751	1.23415	.99789	1.65174	1.66264
2.495	7.990	-.18182	1.67506	1.70819	1.66029	1.50622	1.29517	1.05846	1.65097	1.65939
2.495	10.028	-.18200	1.65492	1.70400	1.68012	1.54629	1.34832	1.11500	1.64072	1.65174
2.495	12.009	-.18104	1.63035	1.69845	1.69789	1.58694	1.40279	1.17465	1.63078	1.64188
2.495	14.054	-.18114	1.59824	1.68154	1.70431	1.61836	1.45138	1.23174	1.60987	1.62149
2.495	15.865	-.18046	1.56728	1.66620	1.71117	1.64654	1.49436	1.28259	1.58961	1.60202
2.495	16.074	-.18076	1.56521	1.66429	1.71258	1.65361	1.50434	1.29467	1.59114	1.60229
2.495	18.076	-.18096	1.52537	1.63846	1.70921	1.66902	1.53779	1.34174	1.55984	1.57235
2.495	20.122	-.18183	1.47544	1.60290	1.69938	1.68647	1.57879	1.39545	1.52052	1.53531
2.495	21.083	-.18201	1.45053	1.58552	1.69540	1.69368	1.59370	1.41670	1.50038	1.51617
	GRADIENT	-.00009	.00043	.00924	.02097	.02916	.03272	.03006	.00704	.00705

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52
2.661	-3.006	-.11992	1.70401	1.63980	1.45563	1.19741	.93446	.71855	1.60275	1.61495
2.661	-1.967	-.11962	1.71255	1.65828	1.48502	1.23376	.97265	.75222	1.62021	1.63094
2.661	-.022	-.11983	1.71362	1.67722	1.52664	1.29079	1.03618	.80944	1.63322	1.64592
2.661	1.937	-.11995	1.70959	1.69191	1.56709	1.35005	1.10420	.87288	1.64459	1.65661
2.661	3.964	-.11940	1.69963	1.69783	1.59662	1.39751	1.16088	.92661	1.64704	1.65807
2.661	5.892	-.11935	1.68946	1.70399	1.62588	1.44411	1.21668	.98239	1.64876	1.66075
2.661	7.874	-.11926	1.67464	1.70589	1.65405	1.49457	1.27992	1.04250	1.64685	1.65964
2.661	9.888	-.11921	1.65202	1.70056	1.67188	1.53234	1.32952	1.09622	1.63615	1.64888
2.661	11.949	-.11877	1.62420	1.69185	1.69226	1.57893	1.39212	1.16260	1.62221	1.63567
2.661	13.986	-.11808	1.59674	1.67976	1.70081	1.60986	1.43676	1.21376	1.60618	1.61962
2.661	15.936	-.11773	1.55934	1.65923	1.70615	1.64152	1.48774	1.27360	1.58119	1.59610
2.661	17.967	-.11787	1.51970	1.63347	1.70276	1.66000	1.52511	1.32437	1.55247	1.56686
2.661	20.013	-.11860	1.47901	1.60764	1.70370	1.68581	1.56887	1.37908	1.52172	1.53906
2.661	21.040	-.11879	1.45211	1.58836	1.69778	1.69282	1.58836	1.40611	1.49977	1.51883

0A234 LERC 10SWT 42 LHFN.1S RHF0.2A (QGY013) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 48/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.009	-2.851	-.00457	1.28819	1.31113	1.21831	1.22563	1.01460	1.02595
2.008	-1.884	-.00347	1.29841	1.31933	1.24485	1.25239	1.04194	1.05092
2.008	.090	-.00377	1.30561	1.32961	1.29334	1.30171	1.09339	1.10411
2.008	2.076	-.00391	1.31125	1.33847	1.33826	1.34816	1.14200	1.15423
2.008	4.075	-.00332	1.31342	1.34025	1.37889	1.38810	1.18799	1.19804
2.008	6.018	-.00315	1.30865	1.33563	1.41340	1.42329	1.23009	1.24116
2.008	7.988	-.00305	1.29990	1.32754	1.44409	1.45396	1.26909	1.27817
2.008	9.977	-.00268	1.28674	1.32068	1.47096	1.48490	1.30538	1.31808
2.008	12.014	-.00192	1.27365	1.30653	1.49720	1.50924	1.34131	1.35285
2.008	13.965	-.00146	1.25268	1.28798	1.51506	1.52769	1.37019	1.38062
2.008	16.135	-.00084	1.22965	1.26519	1.52800	1.54248	1.39665	1.40979
2.008	18.169	-.00130	1.20119	1.23893	1.53741	1.55307	1.41938	1.43160
2.008	20.232	-.00300	1.17300	1.21726	1.54364	1.56246	1.43966	1.45710
2.008	21.247	-.00301	1.16085	1.20642	1.54448	1.56606	1.44929	1.46749
	GRADIENT	.00010	.00343	.00425	.02318	.02352	.02501	.02507

RUN NO. 49/ 0 RN/L = 2.45 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.275	-2.962	.28395	1.28799	1.31632	1.21813	1.23010	1.00293	1.01656
2.275	-1.813	.28411	1.29285	1.32378	1.24610	1.25936	1.03320	1.04818
2.275	.159	.28443	1.29882	1.33148	1.29052	1.30398	1.08243	1.09705
2.275	1.997	.28480	1.30044	1.33372	1.32866	1.34211	1.12609	1.14184
2.275	4.090	.28632	1.29690	1.33619	1.36939	1.38497	1.17107	1.18854
2.275	6.022	.28674	1.29406	1.33658	1.40540	1.42421	1.21333	1.23487
2.275	7.968	.28726	1.28510	1.33127	1.43667	1.45524	1.25331	1.27334
2.275	10.038	.28756	1.27362	1.32602	1.46666	1.48934	1.29209	1.31786
2.275	12.022	.28860	1.25937	1.31601	1.49112	1.51652	1.32632	1.35373
2.275	14.026	.28986	1.24239	1.30246	1.51305	1.54111	1.35995	1.38986
2.275	16.091	.29036	1.21989	1.28062	1.52853	1.55719	1.38806	1.41773
2.275	18.060	.29081	1.19844	1.26134	1.54505	1.57398	1.41726	1.44688
2.275	20.163	.28880	1.17011	1.23344	1.55448	1.58513	1.44128	1.47205
2.275	21.215	.28830	1.15484	1.21797	1.55837	1.58618	1.45219	1.47977
	GRADIENT	.00031	.00134	.00270	.02143	.02184	.02389	.02436

0A234 LERC 10SWT 42 LHFN.1S RHF0.2A (QGY013) (02 MAY 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

BETA = -.004 PHI = .000
Q(PSF) = 500.000

RUN NO. 50/ 0 RN/L = 2.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.495	-3.028	-.18094	1.31694	1.32970	1.24025	1.24410	1.01709	1.02320
2.495	-1.923	-.18086	1.32277	1.33832	1.26895	1.27322	1.04967	1.05567
2.495	.073	-.18123	1.33010	1.34761	1.31808	1.32320	1.10246	1.10785
2.495	2.006	-.18156	1.33914	1.35533	1.36574	1.36932	1.15464	1.15836
2.495	3.981	-.18135	1.34160	1.35993	1.41134	1.41624	1.20660	1.21123
2.495	6.035	-.18163	1.33328	1.35466	1.44552	1.45147	1.24921	1.25296
2.495	7.990	-.18182	1.33025	1.35097	1.48456	1.48853	1.29533	1.29842
2.495	10.028	-.18200	1.31720	1.34442	1.51186	1.51953	1.33186	1.33752
2.495	12.009	-.18104	1.30482	1.33073	1.54173	1.54853	1.37037	1.37553
2.495	14.054	-.18114	1.28476	1.31565	1.55974	1.57043	1.40080	1.40917
2.495	15.865	-.18046	1.26427	1.29746	1.57704	1.58839	1.42821	1.43671
2.495	16.074	-.18076	1.26713	1.30140	1.58322	1.59508	1.43690	1.44675
2.495	18.076	-.18096	1.23682	1.27228	1.58877	1.59989	1.45391	1.46288
2.495	20.122	-.18183	1.20253	1.24473	1.59128	1.60811	1.47385	1.48746
2.495	21.083	-.18201	1.18338	1.22649	1.59284	1.60920	1.47996	1.49351
	GRADIENT	-.00009	.00363	.00425	.02443	.02450	.02693	.02664

RUN NO. 51/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP53	CP54	CP55	CP56	CP57	CP58
2.661	-3.006	-.11992	1.30415	1.32056	1.22989	1.23514	1.00385	1.01002
2.661	-1.967	-.11962	1.31468	1.33053	1.26169	1.26602	1.03624	1.04238
2.661	-.022	-.11983	1.32157	1.34218	1.30918	1.31561	1.08832	1.09596
2.661	1.937	-.11995	1.32870	1.34811	1.35897	1.36445	1.14505	1.15070
2.661	3.964	-.11940	1.32704	1.34864	1.39675	1.40347	1.18910	1.19703
2.661	5.892	-.11935	1.32298	1.34729	1.43270	1.44063	1.23117	1.23840
2.661	7.874	-.11926	1.31729	1.34735	1.47073	1.48215	1.27857	1.28968
2.661	9.838	-.11921	1.30453	1.33526	1.49936	1.50801	1.31445	1.32235
2.661	11.949	-.11877	1.29032	1.32354	1.53077	1.54365	1.35786	1.36879
2.661	13.986	-.11808	1.27213	1.30808	1.55054	1.56266	1.38633	1.39657
2.661	15.936	-.11773	1.24953	1.29043	1.56925	1.58386	1.41889	1.43114
2.661	17.967	-.11787	1.22283	1.26377	1.57829	1.59141	1.43936	1.45165
2.661	20.013	-.11860	1.19374	1.24148	1.58925	1.60681	1.46476	1.47901
2.661	21.040	-.11879	1.17422	1.22357	1.58936	1.60939	1.47238	1.49034
	GRADIENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OA234 LERC 10SWT 42 LHF0.2UC RHF0.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-2.926	.11099	497.45239	2.32197	176.31221	1396.03979	1.65859	574.27661	90.00000
2.008	-2.007	.11021	497.38574	2.32197	176.29114	1395.83862	1.65859	574.44067	90.00000
2.008	-1.017	.10991	497.41284	2.32197	176.30257	1395.90869	1.65859	574.60474	90.00000
2.008	-.008	.10984	497.60596	2.32197	176.36116	1396.49390	1.65860	573.94849	90.00000
2.008	1.008	.11030	497.54468	2.32197	176.35379	1396.25757	1.65858	575.09717	90.00000
2.008	1.972	.11137	497.26294	2.32197	176.25745	1395.45068	1.65858	575.15186	90.00000
2.008	2.925	.11167	497.52686	2.32197	176.34900	1396.20190	1.65858	575.20654	90.00000
2.008	4.929	.11248	497.36401	2.32197	176.29568	1395.72510	1.65858	575.42529	90.00000
	GRADIENT	.00026	-.00593	.00000	-.00008	-.02564	-.00000	.16266	.00000

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.274	-2.930	.11588	502.23096	2.40654	138.68913	1666.30933	1.69661	581.21704	90.00000
2.275	-2.007	.11545	503.22119	2.40654	138.95874	1669.62988	1.69661	581.65356	90.00000
2.274	-1.064	.11510	503.04102	2.40654	138.91278	1668.99878	1.69661	581.87207	90.00000
2.275	.008	.11452	502.57031	2.40654	138.77335	1667.52295	1.69561	580.56201	90.00000
2.274	.960	.11498	503.00073	2.40654	138.90656	1668.81641	1.69660	582.30859	90.00000
2.274	1.976	.11525	503.19067	2.40654	138.95793	1669.45752	1.69660	582.36328	90.00000
2.274	2.889	.11536	502.99194	2.40654	138.90701	1668.76221	1.69660	582.58154	90.00000
2.274	4.830	.11573	503.11890	2.40654	138.94205	1669.18311	1.69660	582.69067	90.00000
	GRADIENT	.00000	.06440	.00000	.01932	.19924	-.00000	.20161	.00000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.494	-2.918	.11395	500.52197	2.49111	114.92737	1946.34229	1.70540	583.89087	90.00000
2.494	-1.932	.11360	500.12793	2.49111	114.84052	1944.75220	1.70675	584.05444	90.00000
2.494	-.958	.11352	499.53735	2.49111	114.71014	1942.37451	1.70876	584.27271	90.00000
2.494	-.023	.11435	501.05957	2.49111	115.04431	1948.53857	1.70357	583.45459	90.00000
2.494	.952	.11441	500.28589	2.49111	114.87985	1945.31836	1.70621	584.59985	90.00000
2.494	1.964	.11460	500.20264	2.49111	114.86209	1944.97388	1.70649	584.70898	90.00000
2.494	2.945	.11475	500.33154	2.49111	114.89172	1945.47388	1.70605	584.81812	90.00000
2.494	4.957	.11573	500.50073	2.49111	114.93193	1946.11255	1.70547	585.14526	90.00000
	GRADIENT	.00025	.02448	.00000	.00673	.07770	-.00008	.17016	.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .103 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.659	-2.930	.09721	435.21729	2.27774	87.96907	1921.41309	1.73358	581.70801	90.00000
2.659	-1.968	.09685	435.26709	2.27774	87.97797	1921.66064	1.73358	581.70776	90.00000
2.659	-.947	.09670	435.26587	2.27774	87.97203	1921.78564	1.73359	581.48950	90.00000
2.659	-.012	.09682	435.30225	2.27774	87.98563	1921.80225	1.73358	581.76245	90.00000
2.658	.952	.09691	435.16919	2.27774	87.96327	1921.11060	1.73357	581.81714	90.00000
2.659	1.988	.09704	435.25342	2.27774	87.96983	1921.72314	1.73359	581.48950	90.00000
2.659	2.953	.09692	435.21997	2.27774	87.96533	1921.62222	1.73358	581.54419	90.00000
2.659	4.945	.09753	435.26050	2.27774	87.97684	1921.62671	1.73358	581.70801	90.00000
	GRADIENT	.00005	-.00068	.00000	-.00029	.00059	.00000	-.00694	-.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (UGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 12/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.008	-2.926	.11099	.22033	.32781
2.008	-2.007	.11021	.24292	.30938
2.008	-1.017	.10991	.26284	.29202
2.008	-.008	.10984	.28135	.26532
2.008	1.008	.11030	.30940	.25249
2.008	1.972	.11137	.33056	.23461
2.008	2.925	.11167	.34829	.21670
2.008	4.929	.11248	.36944	.18159
	GRADIENT	.00026	.01983	-.01861

RUN NO. 13/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.274	-2.930	.11588	.22438	.32169
2.275	-2.007	.11545	.24136	.30050
2.274	-1.064	.11510	.26009	.28496
2.274	.960	.11498	.29855	.25168
2.274	1.976	.11525	.31693	.23022
2.274	2.889	.11536	.33623	.21133
2.274	4.830	.11573	.37814	.17627
	GRADIENT	.00000	.01966	-.01858

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (UGY002) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .109 PHI = 90.000
Q(PSF) = 500.000

RUN NO. 14/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.494	-2.918	.11395	.22898	.33671
2.494	-1.932	.11360	.24712	.32142
2.494	-.958	.11352	.26562	.30289
2.494	-.023	.11435	.28348	.28334
2.494	.952	.11441	.30136	.26443
2.494	1.964	.11460	.32214	.24511
2.494	2.945	.11475	.34252	.22660
2.494	4.957	.11573	.38861	.19279
	GRADIENT	.00025	.02007	-.01870

RUN NO. 15/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.659	-2.930	.09721	.22230	.33929
2.659	-1.968	.09685	.24034	.32146
2.659	-.947	.09670	.26165	.30047
2.659	-.012	.09682	.27928	.28094
2.658	.952	.09691	.29815	.26328
2.659	1.988	.09704	.31397	.24342
2.659	2.953	.09692	.33594	.22656
2.659	4.945	.09753	.38445	.19380
	GRADIENT	.00005	.02011	-.01871

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.008	-4.849	.11296	497.60034	2.40367	176.22035	1397.09668	1.65874	562.38037	270.00000
2.009	-2.920	.11111	497.80371	2.40367	176.28513	1397.69873	1.65874	561.94092	270.00000
2.009	-1.892	.11021	497.60229	2.40367	176.21187	1397.14429	1.65874	561.61108	270.00000
2.009	-.959	.10980	497.60767	2.40367	176.21169	1397.16797	1.65875	561.44604	270.00000
2.009	.021	.10984	497.82886	2.40367	176.25150	1397.96118	1.65878	558.36670	270.00000
2.009	1.021	.10914	497.69189	2.40367	176.22963	1397.45679	1.65876	560.51147	270.00000
2.009	1.990	.10929	497.80762	2.40367	176.26123	1397.82373	1.65877	559.79687	270.00000
2.009	3.002	.11020	497.60645	2.40367	176.18536	1397.27881	1.65877	559.24683	270.00000
	GRADIENT	-.00038	.00735	-.00000	-.00260	.04381	.00000	-.43368	-.00000

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (AGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.275	-4.893	.11367	502.91943	2.47701	138.76941	1669.62451	1.69672	571.04712	270.00000
2.275	-3.094	.11174	502.52368	2.47701	138.66171	1668.29517	1.69672	570.88257	270.00000
2.275	-1.888	.11093	502.72778	2.47701	138.71527	1668.99951	1.69672	570.77319	270.00000
2.275	-.983	.11079	502.69580	2.47701	138.70221	1668.93335	1.69672	570.33472	270.00000
2.276	.104	.11027	502.80200	2.47701	138.71106	1669.47803	1.69674	568.41699	270.00000
2.275	.998	.11058	502.67871	2.47701	138.69099	1668.93726	1.69673	569.67773	270.00000
2.276	2.006	.11056	502.64087	2.47701	138.67580	1668.85596	1.69674	569.18433	270.00000
2.276	3.017	.11036	502.79810	2.47701	138.71567	1669.40894	1.69673	568.96509	270.00000
	GRADIENT	-.00036	-.00606	.00000	-.00479	.00889	.00000	-.31012	.00000

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.495	-4.900	.11864	500.53223	2.55506	114.86765	1947.37451	1.70481	575.42505	270.00000
2.495	-2.932	.11741	500.43164	2.55506	114.84404	1946.99341	1.70515	575.26123	270.00000
2.495	-1.991	.11701	500.58374	2.55506	114.87401	1947.66284	1.70463	574.71436	270.00000
2.495	-1.165	.11684	500.57300	2.55506	114.87006	1947.64502	1.70467	574.49536	270.00000
2.495	.049	.11631	500.79907	2.55506	114.90962	1948.71729	1.70390	572.96338	270.00000
2.495	.966	.11697	500.27832	2.55506	114.79901	1946.55249	1.70567	573.78394	270.00000
2.495	2.029	.11714	500.61450	2.55506	114.87151	1947.93237	1.70453	573.40112	270.00000
2.495	3.092	.11707	500.63647	2.55506	114.87518	1948.03857	1.70445	573.23682	270.00000
	GRADIENT	-.00016	.01044	.00000	.00005	.07760	-.00004	-.31727	.00000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	Q	RN/L	P	PT	QC/Q	TTF	PHI
2.662	-4.885	.10361	434.15552	2.32114	87.55310	1921.35791	1.73382	573.07227	270.00000
2.662	-2.952	.10256	434.15039	2.32114	87.54636	1921.46655	1.73382	572.85352	270.00000
2.661	-1.940	.10219	434.05444	2.32114	87.53818	1920.78711	1.73360	573.18188	270.00000
2.662	-.999	.10182	434.05078	2.32114	87.52434	1921.07129	1.73382	572.68921	270.00000
2.662	.104	.10107	434.10205	2.32114	87.52899	1921.43164	1.73383	572.52515	270.00000
2.662	.978	.10147	434.28564	2.32114	87.56728	1922.21362	1.73383	572.74390	270.00000
2.662	1.982	.10155	433.99292	2.32114	87.51698	1920.71582	1.73382	572.79858	270.00000
2.662	3.092	.10158	434.10889	2.32114	87.53458	1921.36035	1.73382	572.68921	270.00000
	GRADIENT	-.00026	-.00463	-.00000	-.00216	.00788	.00000	-.05004	-.00000

0A234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (UGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 16/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.008	-4.849	.11296	.15360	.34999
2.009	-2.920	.11111	.18019	.31169
2.009	-1.892	.11021	.19667	.29359
2.009	-.959	.10980	.21496	.27553
2.009	.021	.10984	.23984	.25412
2.009	1.021	.10914	.26699	.23585
2.009	1.990	.10929	.28936	.21583
2.009	3.002	.11020	.31153	.19599
	GRADIENT	-.00038	.02090	-.01962

RUN NO. 17/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.275	-4.893	.11367	.16173	.35783
2.275	-3.094	.11174	.19109	.32045
2.275	-1.888	.11093	.20916	.29780
2.275	-.983	.11079	.22309	.28392
2.276	.104	.11027	.24258	.26741
2.275	.998	.11058	.26134	.24935
2.276	2.006	.11056	.28314	.22747
2.276	3.017	.11036	.30371	.20568
	GRADIENT	-.00036	.01789	-.01869

RUN NO. 18/ 0 RN/L = 2.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.495	-4.900	.11864	.16874	.35760
2.495	-2.932	.11741	.20369	.31941
2.495	-1.991	.11701	.21839	.30699
2.495	-1.165	.11684	.23126	.29406
2.495	.049	.11631	.25318	.26995
2.495	.966	.11697	.26733	.25141
2.495	2.029	.11714	.28902	.23010
2.495	3.092	.11707	.31183	.21250
	GRADIENT	-.00016	.01757	-.01820

OA234 LERC 10SWT 42 LHFO.2UC RHFO.1UC NC/A,B (UGY003) (26 APR 80)

REFERENCE DATA

SCALE = .1000

PARAMETRIC DATA

ALPHA = .110 PHI = 270.000
Q(PSF) = 500.000

RUN NO. 19/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETAI	ALPHAI	CPSU2	CPSU1
2.662	-4.885	.10361	.15962	.35593
2.662	-2.952	.10256	.19296	.32584
2.661	-1.940	.10219	.21066	.30635
2.662	-.999	.10182	.22871	.28721
2.662	.104	.10107	.24997	.26633
2.662	.978	.10147	.26212	.25023
2.662	1.982	.10155	.28125	.23264
2.662	3.092	.10158	.30687	.21613
	GRADIENT	-.00026	.01822	-.01804