

CORNELL AERONAUTICAL LABORATORY, INC.
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TRANSONIC WIND TUNNEL TESTS OF A
.015 SCALE SPACE SHUTTLE BOOSTER MODEL

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Prepared For:
George C. Marshall Space Flight Center
Marshall Space Flight Center
Alabama 35812

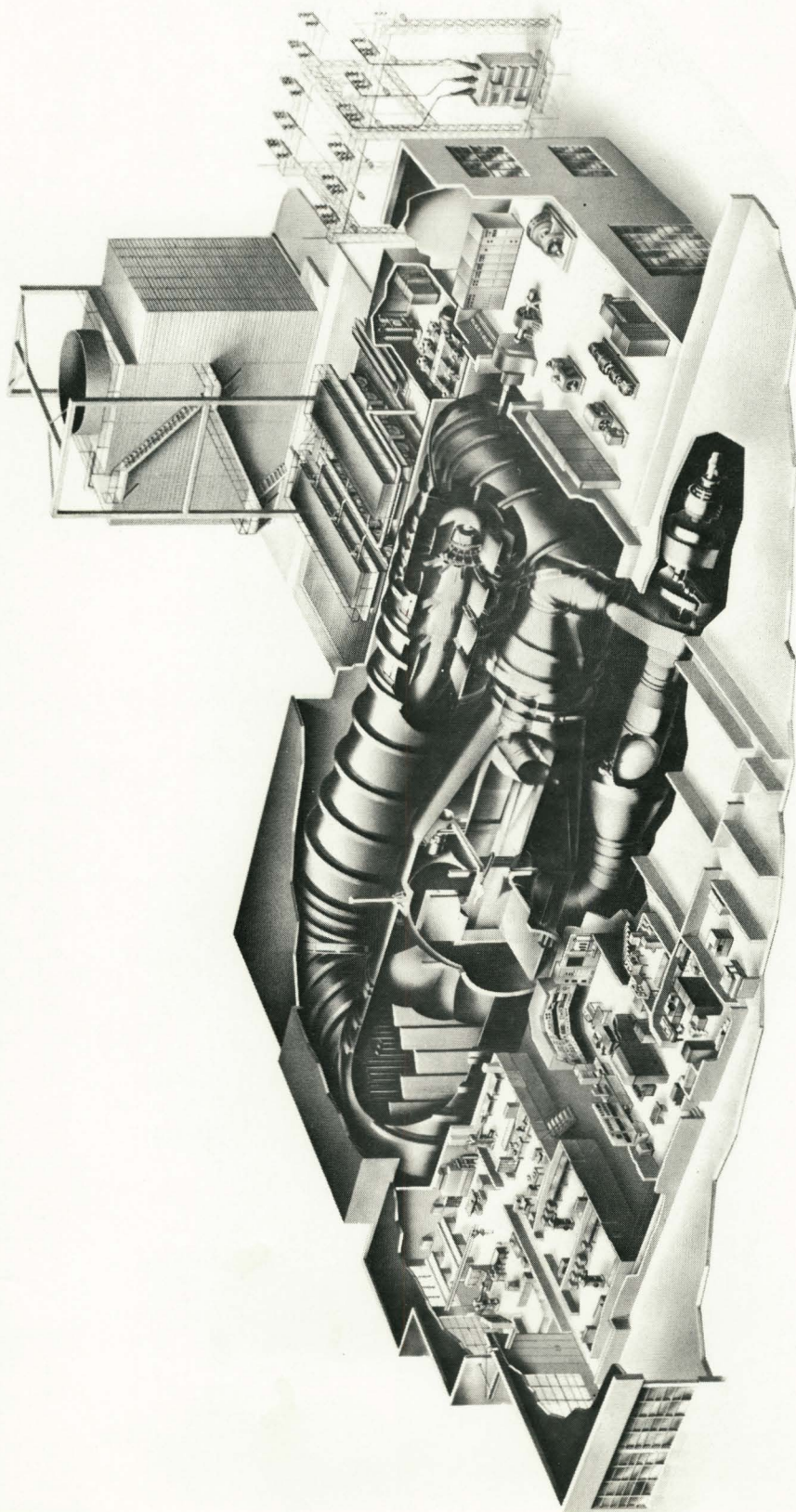
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By R.J. Dennis
R.J. Dennis

Approved C.F. Reid, Jr. Date January 28, 1972
C.F. Reid, Jr.

Approved R.W. Cotter
R.W. Cotter

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8-FOOT TRANSONIC WIND TUNNEL

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE NO.</u>
I	SUMMARY	2
II	TEST EQUIPMENT	3
III	NOMENCLATURE AND SYMBOLS	6
IV	TEST PROCEDURE	14
V	PRESENTATION OF DATA	16
VI	CORRECTIONS TO DATA	17
VII	PRECISION OF DATA	19
VIII	REFERENCES	21
IX	TABLE INDEX	22
X	FIGURE INDEX	241

SECTION I

SUMMARY

Transonic wind tunnel tests were conducted on a .015 scale model of the NASA space shuttle booster in the Cornell Aeronautical Laboratory 8-Foot Transonic Wind Tunnel during November, 1971.

The primary objective of the test program was to determine the base drag reduction potential at cruise conditions ($M = .40$) of a modified base region, with and without base bleed flow. Transonic effects and cruise control effectiveness of the new base region were also obtained.

The tests were performed at Mach numbers from 0.40 to 1.10, at angles of attack from -4 to +20 degrees and at angles of sideslip from -6 to +6 degrees, all at a Reynolds number of 6.56×10^6 per meter (2.0×10^6 per foot).

This report presents details of the test program, an outline of the test procedure and results of the investigation in tabular form.

SECTION II

TEST EQUIPMENT

Installation

The model was sting-mounted in the perforated test section of the CAL 8-Foot Transonic Wind Tunnel as shown in the model photographs, Figure 1, and in the installation drawing, Figure 2. A complete description of the CAL facility is contained in Reference 1.

Model

The .015 scale model of the space shuttle booster was supplied by NASA-MSFC, and was a modified version of the McDonnell Douglas 256-14 booster configuration. The model assembly is shown in Figure 3 and consisted mainly of high wing W_3 with 7.66 degrees of dihedral and zero degrees incidence, V_1 wing tip vertical fins, high canard C_2 with 3 degrees incidence and body configurations B_4 , B_5 and B_6 . Elevons with fixed surface deflections of 0, ± 10 , ± 20 and ± 30 degrees were provided for the wing, and also canard trailing edge flaps with fixed surface deflections of 0, 10 and 20 degrees.

CAL designed and fabricated the aft body extension, heat shield (Figure 5), base flow system and model-to-balance sleeve in accordance with specifications detailed by Lockheed Missiles and Space Company, Huntsville Research and Engineering Center (LMSC-HREC), Reference 2. The top, bottom and sides of the aft body extension contained cutouts into which plugs, base flaps or base vents were inserted for the B_4 , B_5 or B_6 body configurations, respectively, Figures 1d and 4. The heat shield was supplied with base flow at fifteen locations as shown in Figure 5. The entire flow system was non-metric and consisted of the CAL external air supply system (Reference 1) which supplied air flow through two supply tubes mounted on the balance sting to a base flow plenum located just forward of the heat shield, Figure 3. The system was designed such that both flow into the flow plenum and out of the fifteen base nozzles was at sonic velocity in order to obtain equal flow through all nozzles.

SECTION II

TEST EQUIPMENT (CONT.)

Model - continued

To insure a turbulent boundary layer on the model, transition strips of Carborundum grit were applied as follows:

Body	Circular band of No. 100 grit with leading edge .0762 meters (3 inches) aft of nose
Upper and lower surfaces of canard, wing and wing tips	Strips of No. 120 grit with leading edge at .05 local chord

All transition strips were .0032 meters (.125 inches) wide.

Instrumentation

Model forces and moments were measured with the CAL TASK 2.00 MK XIX A internal six component strain gage balance. Two balance cavity pressures were located just aft of the balance base at 0 and 180 degrees with respect to the model vertical centerline. Static pressure orifices were located on the heat shield and at the center of the dummy engine exit planes as shown in Figure 5. All of the pressure lines were routed internally through the sting to individual automanometer transducers located in the sphere plenum. An electrolytic bubble pack, mounted on the balance sleeve just forward of the balance, was used for setting model angles of attack. The CAL external air supply system was instrumented with an orifice plate, an orifice plate differential pressure transducer, an upstream line pressure transducer, and a thermocouple. The metering line and instrumentation were designed and installed in accordance with information presented in Reference 3. A transducer installed externally on the sting was used to measure the base flow plenum pressure.

SECTION II TEST EQUIPMENT (CONT.)

Instrumentation - continued

All strain gage, thermocouple, and pressure transducer instrumentation were connected to CAL automatic digital readouts located in the control room. Data from these channels along with tunnel operating conditions were recorded on punch cards for subsequent electronic data reduction.

SECTION III NOMENCLATURE AND SYMBOLS

The units of measure used in this report are given first in the International System of Units (SI) followed by U. S. Customary Units (CU) in parenthesis. Names and definitions of the SI units, together with physical constants and conversion factors are given in Reference 4. In all cases CU units have been used for the principal measurements and calculations. Equations in this section are stated in terms of SI units.

Tunnel Operating Conditions

V	Free-stream velocity - meters per second (feet per second)
a	Local speed of sound - meters per second (feet per second)
H	Free-stream total pressure - newtons per square meter (pounds per square foot)
p	Free-stream static pressure - newtons per square meter (pounds per square foot)
M	Nominal free-stream Mach number = $\frac{V}{a}$
M _c	Computed free-stream Mach number = $\left[5 \left(\frac{H}{p} \right)^{2/7} - 5 \right]^{1/2}$
γ	Ratio of specific heats of air = 1.400
q	Free-stream dynamic pressure - newtons per square meter (pounds per square foot) = $\frac{\gamma}{2} p M_c^2$
ν	Kinematic viscosity of air - square meters per second (square feet per second)
N _R	Reynolds number per meter (per foot) = $\frac{V}{\nu}$
T _o	Free-stream total temperature - degrees Kelvin (Rankine)
T	Free-stream static temperature - degrees Kelvin (Rankine) = $T_o (1 + .2 M_c^2)^{-1}$

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Reference Dimensions and Model Angles

ℓ_r	Reference length = 1.0525 meters (41.436 inches)
S	Reference area = .12588 square meters (1.355 square feet)
S_B	Base area = .02249 square meters (.2421 square feet)
S_E	Dummy engine exit area (for 12 engines) = .00736 square meters (.0792 square feet)
S_H	Heat shield area = $S_B - S_E$ = .01513 square meters (.1629 square feet)
α	Model angle of attack with respect to body longitudinal centerline - degrees
β	Model angle of sideslip with respect to body longitudinal centerline - degrees
δ_c	Canard trailing edge flap surface deflection, positive trailing edge down - degrees
δ_e	Wing trailing edge elevon surface deflection, positive trailing edge down - degrees

Model Pressures and Pressure Coefficients

p_x	Model base region pressure - newtons per square meter (pounds per square foot) Subscript x denotes orifice number (Figure 5)
p_B	Model base region average pressure - newtons per square meter (pounds per square foot)

$$= \frac{1}{8} \sum_{x=1}^8 p_x$$

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Model Pressures and Pressure Coefficients - continued

p_H Heat shield average pressure - newtons per square meter
(pounds per square foot)

$$= \frac{1}{4} \sum_{x=1}^4 p_x$$

p_E Dummy engine average exit pressure - newtons per square meter (pounds per square foot)

$$= \frac{1}{4} \sum_{x=5}^8 p_x$$

p_{c1}, p_{c2} Balance cavity pressures - newtons per square meter (pounds per square foot)

p_c Balance cavity average pressure - newtons per square meter
(pounds per square foot)

$$= \frac{p_{c1} + p_{c2}}{2}$$

p_P Base bleed flow plenum pressure - newtons per square meter
(pounds per square inch)

C_{p_x} Model base region pressure coefficient

$$= \frac{p_x - p}{q}$$

C_{p_B} Model base region average pressure coefficient

$$= \frac{p_B - p}{q}$$

C_{p_H} Heat shield average pressure coefficient

$$= \frac{p_H - p}{q}$$

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Model Pressures and Pressure Coefficients - continued

C_{p_E}	Dummy engine average exit pressure coefficient $= \frac{p_E - p}{q}$
$C_{p_{c_1}}, C_{p_{c_2}}$	Balance cavity pressure coefficients $= \frac{p_{c_1} - p}{q}, \frac{p_{c_2} - p}{q}$
C_{p_c}	Balance cavity average pressure coefficient $= \frac{p_c - p}{q}$
p_P/p	Base bleed flow plenum pressure ratio

Model Forces and Moments - Body Axis System

N	Normal force - newtons (pounds)
A	Axial force - newtons (pounds)
m	Pitching moment about model MRC - meter-newtons (inch-pounds)
Y	Side force - newtons (pounds)
n	Yawing moment about model MRC - meter-newtons (inch-pounds)
ℓ	Rolling moment about model MRC - meter-newtons (inch-pounds)
C_N	Normal force coefficient = $\frac{N}{qS}$
C_A	Axial force coefficient = $\frac{A}{qS}$

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Model Forces and Moments - Body Axis System - continued

$$C_m \quad \text{Pitching moment coefficient} = \frac{m}{qS\ell_r}$$

$$C_Y \quad \text{Side force coefficient} = \frac{Y}{qS}$$

$$C_n \quad \text{Yawing moment coefficient} = \frac{n}{qS\ell_r}$$

$$C_\ell \quad \text{Rolling moment coefficient} = \frac{\ell}{qS\ell_r}$$

$$C_{A_H} \quad \text{Heat shield axial force coefficient} = (-C_{p_H}) \frac{S_H}{S}$$

$$C_{A_E} \quad \text{Dummy engine axial force coefficient} = (-C_{p_E}) \frac{S_E}{S}$$

$$C_{A_B} \quad \text{Base axial force coefficient} = C_{A_H} + C_{A_E}$$

$$C_{A_F} \quad \text{Forebody axial force coefficient} = C_A - C_{A_B}$$

Model Forces - Stability Axis System

$$L \quad \text{Lift force - newtons (pounds)} = N \cos \alpha - A \sin \alpha$$

$$D \quad \text{Drag force - newtons (pounds)} = A \cos \alpha + N \sin \alpha$$

$$C_L \quad \text{Lift coefficient} = \frac{L}{qS}$$

$$C_D \quad \text{Drag coefficient} = \frac{D}{qS}$$

$$L/D \quad \text{Lift-to-drag ratio} = C_L/C_D$$

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Air Supply Weight Flow

P_L	Supply air pressure, upstream of metering orifice plate - newtons per square meter (pounds per square inch)
ΔP_L	Pressure drop across metering orifice plate - newtons per square meter (pounds per square inch)
T_L	Supply air temperature, upstream of metering orifice plate - degrees Kelvin (Rankine)
K	Ratio of specific heats, from Reference 3, as a function of P_L and T_L
Q	Ratio of pressure drop across metering orifice plate to upstream supply pressure = $\frac{\Delta P_L}{P_L}$
D_1	Inside pipe diameter = .0445 meters (1.752 inches)
D_2	Metering orifice diameter = .00635 meters (.250 inches)
β_o	Metering orifice to inside pipe diameter ratio, $\frac{D_2}{D_1} = .1427$
Z	Metering orifice expansion factor = $\left[1 - (0.41 + 0.35 \beta_o^4) \frac{Q}{K} \right]$
S	Supercompressibility factor from Reference 3, as a function of P_L and T_L
ρ_L	Supply air density - kilograms per cubic meter (pounds per cubic foot) = $.0034822 S \frac{P_L}{T_L}$

SECTION III

NOMENCLATURE AND SYMBOLS (CONT.)

Air Supply Weight Flow - continued

R_L Air supply Reynolds number, based on inside pipe diameter

$$= (1.1715 \times 10^6) \frac{W_L}{D_1} \left[\frac{1.80 T_L + 198.6}{(1.80 T_L)^{1.5}} \right]$$

K_d Metering orifice discharge coefficient and approach
 velocity factor, from Reference 3, as a function of R_L

W_L Supply air weight flow - kilograms per second (pounds mass
 per second)

$$= (1.11 K_d Z) (D_2)^2 (\rho_L \Delta P)^{1/2}$$

Note: Due to the interdependence of R_L , K_d , and W_L , these
 quantities were solved by iteration. This iteration was
 terminated when the difference between the last computed
 value of W_L and the preceding values was less than .0018
 kilograms per second (.004 pounds mass per second)

W_B Base bleed total weight flow - kilograms per second (pounds
 mass per second) = W_L

W_o Free-stream weight flow for a stream tube area equal to
 S_B - kilograms per second (pounds per second)

$$= .069866 S_B^{HM} T_o^{-1/2} (1 + .2M_c^2)^{-3}$$

WFR Ratio of base bleed total weight flow to free-stream weight
 flow for a stream tube area equal to $S_B = \frac{W_B}{W_o}$

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Configuration Symbols

B_4	Modified McDonnell Douglas 256-14 body (Figure 1d)
B_5	Body B_4 with base flaps (Figure 1d)
B_6	Body B_4 with base vents (Figure 1d)
B_7	Body B_4 with all dummy engines removed except for the partial dummy engines adjacent to the balance sting (Figure 1e)
C_2	High aerodynamic canard with total exposed area of .0157 square meters (.169 square feet) and 3 degrees incidence
F_2	Canard trailing edge flap with chord equal to .4 wing chord
V_1	Wing tip vertical fin with exposed area of .0230 square meters, each (.248 square feet)
W_3	High baseline wing with 7.66 degrees dihedral and zero degrees incidence

SECTION IV

TEST PROCEDURE

Calibration

The CAL TASK 2.00 MK XIX A internal six component strain gage balance was calibrated for this program. The calibration was performed as described in Reference 5, with both primary and interaction constants being determined. The balance was check loaded after model buildup and again after installation in the test section. The results from these loadings were computed using the data reduction program and the previously obtained calibration constants. Satisfactory checks were obtained before any wind-on data were taken.

All pressure transducers were calibrated prior to testing as described in Reference 6. Results of all calibrations and check loads are on file at CAL.

Operation

The test program consisted of 97 runs during which model configuration, Mach number and model attitude were varied. A test schedule is presented in Table I. All wind-on runs were conducted at a constant Reynolds number of 6.56×10^6 per meter (2.0×10^6 per foot). Boundary layer transition strips were applied to the model throughout the program as described in Section II.

The original test plan called for testing at base bleed weight flow ratios (WFR) of .02, .04 and .06. However, during air supply system calibration runs 6, 10, 13 and 15 at .40 Mach number and Run 11 at zero Mach number, it was observed that model drag force increased rapidly with increasing rates of base bleed flow. At .40 Mach number, with the model at zero degrees attitude and .06 base bleed weight flow ratio, total model drag and base drag were higher by factors of approximately 1.75 and 2.47, respectively. Run 10 was made with eight of the dummy engines removed from the heat shield (Figure 1e), in order to lessen the possibility

SECTION IV

TEST PROCEDURE (CONT.)

Operation - continued

of base bleed flow impingement on the engines, with no significant reduction in drag. Further base bleed flow testing was performed during runs 67 through 72. Similar results were obtained and the decision was made by the test sponsor's representative to forego further base bleed flow testing.

NASA-MSFC was represented by Mr. D. Bradley of LMSC-HREC during the test program.

SECTION V

PRESENTATION OF DATA

A test schedule detailing the model configurations and nominal test conditions for each run is presented in Table I. Actual test operating conditions for each test point are presented in Table II.

Model forces and moments have been resolved in the body and stability axis systems, both having their origins at fuselage station 1.1815 (46.515), waterline .1581 (6.225) and in the fuselage plane of symmetry as requested in Reference 2. The axis systems and sign conventions are shown in Figure 6.

Body axis aerodynamic coefficients are listed in Table III, and lift and drag coefficients, lift-to-drag ratio, and base, heat shield and dummy engine axial force coefficients in Table IV. Force and pressure coefficient data for runs 11 and 67 at zero Mach number are based upon an arbitrary dynamic pressure of 7900 newtons per square meter (165 pounds per square foot). Model pressures and pressure coefficients are listed in Tables V and VI, respectively. Base flow system operating conditions for those runs with base bleed flow are contained in Table VII. Pressure data for orifices p_1 and p_{c1} are invalid for runs 69-73 and 68-74, respectively, and are not presented.¹

Copies of all model configuration photographs, CAL drawings and an input data tape for the Chrysler Corporation's System for Analysis and Development of Static Aerothermodynamic Criteria (SADSAC) program were submitted to LMSC-HREC in November, 1972. Under agreement with NASA-MSFC, no plotted data are presented in this report.

SECTION VI

CORRECTIONS TO DATA

Wind Tunnel Wall Corrections

No corrections of any type have been applied to the data contained in this report to account for wind tunnel wall effects. Within the limitations of accuracy of theoretical computations, the blockage and jet boundary corrections usually applied to subsonic data from solid wall tunnels are believed to be negligible in this perforated wall transonic wind tunnel. Above a Mach number of one, the perforated walls are effective in attenuating shocks and reflections from the walls. Although complete attenuation is generally not obtained, the effect of residual reflections is probably negligible on this model. Results of some recent studies of blockage and wall effects, and current tunnel calibration curves for the CAL 8-Foot Transonic Wind Tunnel, are presented in Reference 7.

Balance Corrections

Mechanical interaction effects, present in the balance strain gage readings, were accounted for in the data reduction procedure. The values of these interaction effects were determined from the balance calibration as described in Reference 5.

The balance strain gage readings are also affected by changes in the model weight components as the model attitude is varied. Corrections for these static tare effects were determined for each different configuration by varying the model attitude at wind-off tunnel conditions. These corrections were then applied to the wind-on data to obtain net aerodynamic loads.

No buoyancy corrections were made to axial force as the clear tunnel pressure gradients in the region occupied by the model are negligible.

SECTION VI CORRECTIONS TO DATA (CONT.)

Balance Corrections - continued

Balance cavity pressure was measured but was not applied as a correction to the data.

Forebody axial force coefficients were obtained as the difference between the total and the base axial force coefficients.

SECTION VII

PRECISION OF DATA

It is estimated that the model geometric angles are accurate to $\pm .05$ degrees.

A statistical determination of the accuracy of the strain gage balance system used for this program was accomplished by calculating the root mean square of the deviation between applied and calculated loadings. The calculated loads were determined by using final balance constants and balance readings produced by known static loads. The results are presented below:

<u>Component</u>	<u>Root Mean Square Deviation</u>
Normal Force	± 3.16 newtons
Pitching Moment	± 2.40 meter-newtons
Side Force	± 2.05 newtons
Yawing Moment	± 1.37 meter-newtons
Rolling Moment	$\pm .65$ meter-newtons
Axial Force	$\pm .31$ newtons

All pressure transducers are calibrated to an accuracy of ± 96 newtons per square meter.

No satisfactory method is known for determining the absolute accuracy of the final coefficients. However, since the testing procedure resulted in the repetition of at least one model attitude during each run, an estimate can be made of the repeatability with which these data were measured. The coefficients were examined at the various repeat points with the following results:

SECTION VII

PRECISION OF DATA (CONT.)

<u>Coefficient</u>	<u>Root Mean Square Deviation</u>
C_N	$\pm .0017$
C_{AF}	$\pm .0005$
C_m	$\pm .0006$
C_Y	$\pm .0013$
C_n	$\pm .0002$
C_ℓ	$\pm .0003$
C_A	$\pm .0006$
C_L	$\pm .0017$
C_D	$\pm .0006$

SECTION VIII

REFERENCES

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SECTION IX

TABLE INDEX

<u>Table No.</u>	<u>Contents</u>
I	Test Schedule
II	Tunnel Operating Conditions
III	Body Axis Aerodynamic Coefficients
IV	Lift and Drag Coefficients, Lift-to-Drag Ratio and Base, Heat Shield and Dummy Engine Axial Force Coefficients
V	Model Pressures
VI	Model Pressure Coefficients
VII	Base Flow System Operating Conditions

TABLE I
TEST SCHEDULE

Configuration	Run No. at Mach No.											
	α	β	δ_c	δ_e	WFR	0.00	.40	.70	.80	.90	1.00	1.10
$B_4C_2F_2W_3V_1$	A	0	0	0	None		7	74	78	90	82	86
	0	A					8	75	79	91	83	87
	6						73	76	80	92	84	88
	15						12	77	81	93	85	89
$B_5C_2F_2W_3V_1$	A	0					14					
	0	A					16					
	6						17					
	15						18					
$B_6C_2F_2W_3V_1$	A	0					20					
	0	A					21					
	6						22					
	15						23					
$B_4C_2F_2W_3V_1$	A	0			.06		68					
	0	A					69					
	6						70					
	15						71					
	0	0			Var	11	6					
						67	13					

TABLE I
TEST SCHEDULE (CONT.)

Configuration	α	β	δ_c	δ_e	WFR	Run	Mach
$B_4C_2F_2W_3V_1$	0	0	0	0	Var.	72	.40
$B_7C_2F_2W_3V_1$						10	
$B_5C_2F_2W_3V_1$						15	
$B_4C_2F_2W_3V_1$	A			-20	None	94	
	0	A				95	
	6					96	
	15					97	
	A	0		-10		44	
	0	A				45	
	6					46	
	15					47	
	A	0		10		24	
	0	A				25	
	6					26	
	15					27	

TABLE I
TEST SCHEDULE (CONT.)

Configuration	α	β	δ_c	δ_e	WFR	Run	Mach
$B_4C_2F_2W_3V_1$	A	0	0	20	None	48	.40
	0	A				49	
	6					50	
	15					51	
	A	0		30		52	
	0	A				53	
	6					54	
	15					55	
	A	0	10	0		56	
	0	A				57	
	6					58	
	15					59	
	A	0		-10		40	
	0	A				41	
	6					42	
	15					43	

TABLE I
TEST SCHEDULE (CONT.)

Configuration	α	β	δ_c	δ_e	WFR	Run	Mach
B ₄ C ₂ F ₂ W ₃ V ₁	A	0	10	10	None	28	.40
	0	A				29	
	6					30	
	15					31	
	A	0	20	0		60	
	0	A				61	
	6					62	
	15					63	
	A	0		-10		36	
	0	A				37	
	6					38	
	15					39	
	A	0		10		32	
	0	A				33	
	6					34	
	15					35	

TABLE I
TEST SCHEDULE (CONT.)

Test Condition:

$$N_R = 6.56 \times 10^6 \text{ per meter } (2.0 \times 10^6 \text{ per foot})$$

Angle Ranges:

α Range A: -4, 0, 2, 4, 6, 8, 10, 15, 20, 0 degrees

β Range A: -6, -3, 0, 3, 6, 0 degrees

Remarks:

The following runs were made for the reasons noted. Data from these runs are not presented in the report:

Static Balance Check Loads: Runs 1 - 4, 66

Static Tare: Runs 5, 19

Void Runs: Run 9: no data taken

Runs 64, 65: no pressure data taken

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _O	N _R x10 ⁻⁶	M _c
6	15	0.400	0.00	0.00	7972.	71068.	79371.	288.	297.	6.548	0.400
6	16	0.400	0.00	0.00	7967.	71130.	79423.	288.	297.	6.548	0.400
6	17	0.400	0.00	0.00	7919.	71202.	79442.	288.	297.	6.528	0.398
6	18	0.400	0.00	0.00	7905.	70987.	79213.	288.	297.	6.515	0.398
6	19	0.400	0.00	0.00	7895.	71059.	79275.	288.	297.	6.512	0.398
6	20	0.400	0.00	0.00	7914.	71092.	79332.	288.	297.	6.525	0.398
6	21	0.400	0.00	0.00	7928.	71202.	79452.	288.	297.	6.532	0.398
6	22	0.400	0.00	0.00	7976.	71332.	79639.	288.	297.	6.561	0.399
6	23	0.400	0.01	0.00	7972.	71379.	79682.	288.	297.	6.561	0.399
6	24	0.400	0.00	0.00	7924.	70891.	79141.	288.	297.	6.519	0.399
6	25	0.400	0.00	0.00	7933.	71011.	79270.	288.	297.	6.528	0.399
6	26	0.400	0.01	0.00	7957.	71106.	79390.	288.	297.	6.541	0.399
6	27	0.400	0.00	0.00	7943.	71202.	79471.	288.	297.	6.541	0.399
6	28	0.400	0.01	0.00	7962.	71236.	79529.	288.	297.	6.551	0.399
6	29	0.400	0.01	0.00	7967.	71355.	79648.	288.	297.	6.558	0.399
6	30	0.400	0.02	0.00	7986.	71475.	79792.	288.	297.	6.571	0.399
6	31	0.400	0.02	0.00	7924.	71011.	79260.	288.	297.	6.525	0.399
6	32	0.400	0.01	0.00	7938.	70972.	79237.	288.	297.	6.528	0.399
7	2	0.400	-3.97	0.00	7948.	70996.	79275.	287.	296.	6.568	0.400
7	3	0.400	0.01	0.00	7919.	71083.	79323.	288.	297.	6.525	0.398
7	4	0.400	2.02	0.00	7952.	71068.	79347.	288.	297.	6.538	0.399
7	5	0.400	3.98	0.00	7972.	71059.	79356.	288.	297.	6.548	0.400
7	6	0.400	6.01	0.00	7943.	71092.	79361.	288.	297.	6.535	0.399
7	7	0.400	7.99	0.00	7919.	71130.	79371.	288.	297.	6.525	0.398
7	8	0.400	10.01	0.00	7909.	71154.	79385.	288.	297.	6.522	0.398
7	9	0.400	14.99	0.00	7952.	71188.	79466.	288.	297.	6.545	0.399
7	10	0.400	20.18	0.00	7919.	71212.	79457.	288.	297.	6.532	0.398
7	11	0.400	0.00	0.00	7919.	70972.	79217.	288.	297.	6.522	0.399
8	1	0.400	-0.01	-6.06	7938.	70972.	79237.	288.	297.	6.528	0.399
8	2	0.400	0.01	-3.04	7948.	70972.	79251.	288.	297.	6.535	0.400
8	3	0.400	0.01	0.00	7924.	71011.	79260.	288.	297.	6.525	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x10 ⁻⁶	M _C
8	4	0.400	-0.01	3.04	7900.	71059.	79280.	288.	297.	6.515	0.398
8	5	0.400	0.01	6.06	7924.	71035.	79280.	288.	297.	6.525	0.399
8	6	0.400	0.01	0.00	7952.	71020.	79304.	288.	297.	6.538	0.400
10	3	0.400	0.00	0.00	7943.	71140.	79409.	287.	296.	6.568	0.399
10	4	0.400	0.00	0.00	7952.	71140.	79418.	287.	296.	6.574	0.399
10	5	0.400	0.00	0.00	7938.	71178.	79442.	287.	296.	6.571	0.399
10	6	0.400	-0.01	0.00	7962.	71188.	79476.	287.	296.	6.581	0.399
10	7	0.400	0.00	0.00	7933.	71236.	79495.	287.	296.	6.571	0.398
10	8	0.400	0.00	0.00	7952.	71260.	79538.	287.	296.	6.578	0.399
11	3	0.000	0.00	0.00	7900.	70867.	70867.	296.	296.		
11	4	0.000	0.00	0.00	7900.	70843.	70843.	296.	296.		
11	5	0.000	0.00	0.00	7900.	70829.	70829.	296.	296.		
11	6	0.000	0.00	0.00	7900.	70843.	70843.	296.	296.		
11	7	0.000	0.00	0.00	7900.	70877.	70877.	295.	295.		
11	8	0.000	0.00	0.00	7900.	70901.	70901.	295.	295.		
11	9	0.000	0.00	0.00	7900.	70972.	70972.	295.	295.		
12	3	0.400	15.00	-6.08	7919.	71035.	79275.	288.	297.	6.522	0.399
12	4	0.400	15.01	-6.08	7928.	70781.	79035.	288.	297.	6.515	0.400
12	5	0.400	14.99	-3.05	7928.	70891.	79146.	288.	297.	6.522	0.399
12	6	0.400	14.97	0.00	7871.	71140.	79332.	288.	297.	6.505	0.397
12	7	0.400	14.98	3.06	7952.	71020.	79299.	288.	297.	6.535	0.399
12	8	0.400	14.97	6.09	7928.	71020.	79275.	288.	297.	6.525	0.399
12	9	0.400	14.98	0.00	7948.	70987.	79260.	288.	297.	6.535	0.399
13	3	0.400	0.00	0.00	7919.	70987.	79232.	287.	296.	6.555	0.399
13	4	0.400	0.00	0.00	7909.	71059.	79289.	287.	296.	6.551	0.398
13	5	0.400	0.00	0.00	7943.	71092.	79361.	287.	296.	6.568	0.399
13	6	0.400	0.00	0.00	7948.	71140.	79414.	287.	296.	6.571	0.399
13	7	0.400	0.01	0.00	7943.	71116.	79385.	287.	296.	6.568	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T_o	$N_R \times 10^{-6}$	M_c
13	8	0.400	0.01	0.00	7919.	70948.	79193.	287.	296.	6.551	0.399
13	9	0.400	0.01	0.00	7909.	71020.	79256.	287.	296.	6.551	0.398
13	10	0.400	0.01	0.00	7957.	71068.	79356.	287.	296.	6.574	0.400
13	11	0.400	0.02	0.00	7909.	70901.	79136.	287.	296.	6.545	0.399
13	12	0.400	0.01	0.00	7905.	71044.	79275.	287.	296.	6.548	0.398
14	3	0.400	-4.00	0.00	7924.	71035.	79284.	287.	296.	6.558	0.399
14	4	0.400	-0.01	0.00	7909.	71059.	79289.	287.	296.	6.551	0.398
14	5	0.400	2.01	0.00	7952.	71020.	79299.	287.	296.	6.568	0.399
14	6	0.400	4.03	0.00	7933.	71035.	79294.	287.	296.	6.561	0.399
14	7	0.400	6.02	0.00	7919.	71044.	79289.	287.	296.	6.555	0.399
14	8	0.400	7.98	0.00	7938.	71044.	79308.	287.	296.	6.564	0.399
14	9	0.400	10.00	0.00	7909.	71068.	79304.	287.	296.	6.551	0.398
14	10	0.400	15.00	0.00	7919.	71106.	79347.	287.	296.	6.558	0.398
14	11	0.400	20.20	0.00	7933.	71164.	79423.	287.	296.	6.568	0.399
14	12	0.400	0.00	0.00	7933.	71068.	79328.	287.	296.	6.561	0.399
15	3	0.400	0.00	0.00	7919.	71106.	79347.	286.	295.	6.587	0.398
15	4	0.400	0.00	0.00	7943.	71178.	79447.	286.	295.	6.604	0.399
15	5	0.400	0.00	0.00	7924.	71116.	79366.	286.	295.	6.591	0.399
15	6	0.400	0.00	0.00	7909.	70891.	79122.	286.	295.	6.574	0.399
15	7	0.400	0.00	0.00	7914.	70948.	79189.	287.	296.	6.548	0.399
15	8	0.400	0.00	0.00	7933.	71035.	79270.	287.	296.	6.551	0.398
15	9	0.400	0.00	0.00	7938.	71083.	79342.	287.	296.	6.564	0.399
15	10	0.400	0.01	0.00	7938.	71154.	79418.	287.	296.	6.568	0.399
15	11	0.400	0.00	0.00	7938.	71250.	79514.	287.	296.	6.574	0.399
15	12	0.400	0.00	0.00	7938.	71011.	79275.	286.	295.	6.594	0.399
16	3	0.400	0.01	-6.06	7924.	71059.	79304.	286.	295.	6.587	0.399
16	4	0.400	-0.02	-3.04	7919.	71116.	79361.	286.	295.	6.591	0.398
16	5	0.400	0.00	0.00	7933.	71130.	79390.	286.	295.	6.597	0.399
16	6	0.400	0.01	3.04	7962.	71212.	79505.	287.	296.	6.581	0.399
16	7	0.400	-0.01	6.06	7943.	71011.	79280.	287.	296.	6.564	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
16	8	0.400	0.00	0.00	7924.	71035.	79284.	287.	296.	6.558	0.399
17	1	0.400	5.99	-6.08	7924.	71068.	79318.	287.	296.	6.558	0.399
17	2	0.400	5.98	-3.05	7938.	71059.	79323.	287.	296.	6.564	0.399
17	3	0.400	5.99	0.00	7952.	71059.	79337.	287.	296.	6.571	0.399
17	4	0.400	6.00	3.05	7928.	71106.	79361.	287.	296.	6.561	0.399
17	5	0.400	5.99	6.08	7962.	71106.	79395.	287.	296.	6.578	0.400
17	6	0.400	5.99	0.00	7948.	71130.	79404.	287.	296.	6.571	0.399
18	3	0.400	14.96	-6.09	7890.	71068.	79280.	286.	295.	6.574	0.398
18	4	0.400	14.98	-3.05	7919.	70963.	79203.	287.	296.	6.551	0.399
18	5	0.400	14.98	0.00	7938.	70996.	79260.	287.	296.	6.561	0.399
18	6	0.400	14.98	3.05	7924.	71044.	79294.	287.	296.	6.558	0.399
18	7	0.400	14.96	6.09	7938.	71059.	79323.	287.	296.	6.564	0.399
18	8	0.400	14.99	0.00	7948.	71083.	79356.	287.	296.	6.571	0.399
20	3	0.400	-3.99	0.00	7924.	71020.	79270.	287.	296.	6.555	0.399
20	4	0.400	0.01	0.00	7948.	71044.	79318.	287.	296.	6.568	0.399
20	5	0.400	1.99	0.00	7933.	71068.	79328.	287.	296.	6.561	0.399
20	7	0.400	4.01	0.00	7952.	71059.	79337.	287.	296.	6.571	0.399
20	8	0.400	6.00	0.00	7924.	71092.	79342.	287.	296.	6.558	0.399
20	9	0.400	7.98	0.00	7914.	71106.	79342.	287.	296.	6.555	0.398
20	10	0.400	9.99	0.00	7924.	71106.	79351.	287.	296.	6.558	0.399
20	11	0.400	14.98	0.00	7948.	71130.	79404.	287.	296.	6.571	0.399
20	12	0.400	20.21	0.00	7967.	71164.	79462.	287.	296.	6.581	0.400
20	13	0.400	0.00	0.00	7952.	71083.	79361.	287.	296.	6.571	0.399
21	1	0.400	-0.01	-6.06	7952.	71092.	79371.	287.	296.	6.571	0.399
21	2	0.400	0.01	-3.04	7952.	71106.	79385.	287.	296.	6.571	0.399
21	3	0.400	-0.01	0.00	7919.	71154.	79395.	287.	296.	6.558	0.398
21	4	0.400	0.01	3.04	7928.	71154.	79404.	287.	296.	6.564	0.398
21	5	0.400	0.02	6.07	7928.	71154.	79409.	287.	296.	6.564	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T_o	$N_R \times 10^{-6}$	M_c
21	6	0.400	-0.02	0.00	7948.	71164.	79438.	287.	296.	6.571	0.399
22	3	0.400	6.01	-6.08	7900.	71059.	79280.	286.	295.	6.578	0.398
22	4	0.400	6.00	-3.05	7919.	71059.	79299.	287.	296.	6.555	0.399
22	5	0.400	6.00	0.00	7952.	71083.	79361.	287.	296.	6.571	0.399
22	6	0.400	6.03	3.05	7928.	71130.	79380.	287.	296.	6.561	0.399
22	7	0.400	5.98	6.08	7928.	71154.	79404.	287.	296.	6.564	0.398
22	8	0.400	6.00	0.00	7943.	71140.	79409.	287.	296.	6.568	0.399
23	1	0.400	14.97	-6.08	7943.	71083.	79351.	287.	296.	6.568	0.399
23	2	0.400	14.97	-3.05	7948.	71092.	79366.	287.	296.	6.568	0.399
23	3	0.400	14.96	0.00	7943.	71116.	79385.	287.	296.	6.568	0.399
23	4	0.400	14.99	3.06	7948.	71130.	79404.	287.	296.	6.571	0.399
23	5	0.400	14.99	6.09	7928.	71178.	79428.	287.	296.	6.564	0.398
23	6	0.400	14.97	0.00	7957.	71164.	79452.	287.	296.	6.578	0.399
24	5	0.400	-3.99	0.00	7890.	71001.	79217.	287.	296.	6.541	0.398
24	6	0.400	0.01	0.00	7933.	70920.	79179.	287.	296.	6.558	0.399
24	7	0.400	2.03	0.00	7957.	70872.	79155.	287.	296.	6.564	0.400
24	8	0.400	4.00	0.00	7928.	70881.	79136.	287.	296.	6.551	0.399
24	9	0.400	6.00	0.00	7924.	70872.	79122.	287.	296.	6.551	0.399
24	10	0.400	7.97	0.00	7895.	70896.	79112.	287.	296.	6.538	0.398
24	11	0.400	10.00	0.00	7933.	71025.	79284.	287.	296.	6.561	0.399
24	12	0.400	14.98	0.00	7957.	71097.	79385.	287.	296.	6.574	0.399
24	13	0.400	20.19	0.00	7967.	71135.	79428.	287.	296.	6.581	0.400
24	14	0.400	0.00	0.00	7938.	71025.	79289.	287.	296.	6.561	0.399
25	1	0.400	-0.01	-6.06	7928.	71015.	79270.	287.	296.	6.558	0.399
25	2	0.400	0.00	-3.04	7924.	71039.	79289.	287.	296.	6.558	0.399
25	3	0.400	0.00	0.00	7905.	71049.	79280.	287.	296.	6.548	0.398
25	4	0.400	-0.01	3.04	7909.	71063.	79294.	287.	296.	6.551	0.398
25	5	0.400	0.02	6.06	7938.	71039.	79304.	287.	296.	6.564	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _O	N _R x10 ⁻⁶	M _c
25	6	0.400	0.00	0.00	7928.	71049.	79304.	287.	296.	6.558	0.399
26	2	0.400	6.00	-6.08	7919.	71087.	79328.	287.	296.	6.555	0.398
26	3	0.400	6.00	-6.08	7924.	71097.	79347.	287.	296.	6.558	0.399
26	4	0.400	6.00	-3.05	7928.	71097.	79351.	287.	296.	6.561	0.399
26	5	0.400	6.01	0.00	7924.	71111.	79361.	287.	296.	6.561	0.399
26	6	0.400	5.99	3.05	7900.	71145.	79371.	287.	296.	6.551	0.398
26	7	0.400	5.99	6.08	7905.	71169.	79399.	287.	296.	6.555	0.398
26	8	0.400	6.00	0.00	7924.	71169.	79418.	287.	296.	6.561	0.398
27	1	0.400	14.97	-6.08	7972.	71241.	79543.	287.	296.	6.587	0.399
27	2	0.400	14.95	-3.05	7967.	71279.	79572.	287.	296.	6.587	0.399
27	3	0.400	14.96	0.00	7938.	71183.	79447.	287.	296.	6.571	0.399
27	4	0.400	14.96	3.05	7967.	70992.	79284.	287.	296.	6.574	0.400
27	5	0.400	14.96	6.09	7938.	71049.	79313.	287.	296.	6.564	0.399
27	6	0.400	14.98	0.00	7952.	71049.	79328.	287.	296.	6.568	0.399
28	3	0.400	-4.00	0.00	7909.	71073.	79308.	287.	296.	6.551	0.398
28	4	0.400	0.02	0.00	7948.	70977.	79251.	287.	296.	6.564	0.399
28	5	0.400	2.00	0.00	7981.	70944.	79256.	287.	296.	6.578	0.400
28	6	0.400	4.00	0.00	7972.	70944.	79246.	287.	296.	6.574	0.400
28	7	0.400	6.02	0.00	7948.	70968.	79241.	287.	296.	6.564	0.400
28	8	0.400	7.96	0.00	7928.	70977.	79232.	287.	296.	6.555	0.399
28	9	0.400	9.98	0.00	7924.	70992.	79241.	287.	296.	6.555	0.399
28	10	0.400	14.97	0.00	7948.	71001.	79280.	287.	296.	6.568	0.400
28	11	0.400	20.19	0.00	7948.	71087.	79361.	288.	297.	6.538	0.399
28	12	0.400	0.01	0.00	7943.	70944.	79213.	287.	296.	6.561	0.400
29	1	0.400	0.01	-6.06	7938.	70944.	79208.	287.	296.	6.558	0.399
29	2	0.400	-0.01	-3.04	7943.	70944.	79213.	287.	296.	6.561	0.400
29	3	0.400	-0.01	0.00	7924.	70968.	79217.	287.	296.	6.555	0.399
29	6	0.400	-0.01	3.04	7967.	70968.	79260.	287.	296.	6.571	0.400

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R × 10 ⁻⁶	M _C
29	7	0.400	0.00	6.06	7948.	71015.	79289.	287.	296.	6.568	0.399
29	8	0.400	0.00	0.00	7943.	71015.	79284.	287.	296.	6.564	0.399
30	1	0.400	6.00	-6.07	7928.	71063.	79318.	287.	296.	6.561	0.399
30	2	0.400	6.00	-3.04	7928.	71073.	79328.	287.	296.	6.561	0.399
30	3	0.400	6.03	0.00	7948.	71073.	79347.	287.	296.	6.568	0.399
30	4	0.400	5.99	3.05	7933.	71111.	79371.	287.	296.	6.564	0.399
30	5	0.400	6.01	6.08	7938.	71111.	79375.	287.	296.	6.568	0.399
30	6	0.400	5.99	0.00	7957.	71111.	79395.	287.	296.	6.574	0.399
31	1	0.400	15.00	-6.07	7957.	71231.	79514.	287.	296.	6.581	0.399
31	2	0.400	14.97	-3.04	7972.	71217.	79519.	287.	296.	6.587	0.399
31	3	0.400	14.98	0.00	7981.	71231.	79538.	288.	297.	6.558	0.400
31	4	0.400	14.94	3.05	7943.	71279.	79548.	287.	296.	6.578	0.399
31	5	0.400	14.99	6.08	7967.	71039.	79332.	287.	296.	6.574	0.400
31	6	0.400	14.97	0.00	7948.	71097.	79371.	288.	297.	6.538	0.399
32	2	0.400	-4.01	0.00	7905.	71011.	79237.	288.	297.	6.515	0.398
32	3	0.400	-0.01	0.00	7924.	71035.	79280.	288.	297.	6.525	0.399
32	4	0.400	2.02	0.00	7919.	71035.	79275.	288.	297.	6.522	0.399
32	5	0.400	4.00	0.00	7905.	71044.	79275.	289.	298.	6.486	0.398
32	6	0.400	5.99	0.00	7895.	71068.	79284.	289.	298.	6.482	0.398
32	7	0.400	7.86	0.00	7885.	71106.	79313.	289.	298.	6.479	0.398
32	8	0.400	10.02	0.00	7900.	71116.	79342.	289.	298.	6.486	0.398
32	10	0.400	14.97	0.00	7938.	71212.	79476.	289.	298.	6.509	0.399
32	11	0.400	20.15	0.00	7909.	71308.	79538.	289.	298.	6.499	0.398
32	12	0.400	0.01	0.00	7924.	71202.	79447.	289.	298.	6.499	0.398
33	3	0.400	0.01	-6.06	7895.	71164.	79380.	289.	298.	6.486	0.398
33	4	0.400	0.01	-3.04	7938.	71212.	79476.	289.	298.	6.509	0.399
33	5	0.400	0.01	0.00	7952.	71298.	79576.	289.	298.	6.519	0.399
33	6	0.400	0.02	3.04	7967.	71332.	79624.	290.	300.	6.492	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _o	N _R x10 ⁻⁶	M _c
33	7	0.400	-0.01	6.06	7952.	71370.	79648.	290.	300.	6.489	0.399
33	8	0.400	0.00	0.00	7967.	71849.	80141.	290.	300.	6.515	0.398
34	1	0.400	5.98	-6.08	7986.	71849.	80161.	290.	300.	6.525	0.398
34	2	0.400	6.00	-3.04	7991.	71858.	80175.	290.	300.	6.525	0.398
34	3	0.400	6.01	0.00	7991.	71882.	80199.	290.	300.	6.528	0.398
34	4	0.400	5.98	3.05	7962.	71920.	80204.	290.	300.	6.515	0.397
34	5	0.400	6.02	6.08	7972.	71944.	80237.	290.	300.	6.522	0.397
34	6	0.400	6.01	0.00	8000.	71930.	80261.	290.	300.	6.535	0.398
35	2	0.400	15.00	-6.08	8024.	72098.	80453.	290.	300.	6.551	0.398
35	3	0.400	14.98	-3.04	8048.	72122.	80501.	290.	300.	6.561	0.399
35	4	0.400	14.96	0.00	7986.	71873.	80185.	290.	300.	6.525	0.398
35	5	0.400	15.00	3.05	7996.	71920.	80242.	290.	300.	6.532	0.398
35	6	0.400	14.96	6.08	8015.	71944.	80285.	290.	300.	6.541	0.398
35	7	0.400	14.99	0.00	8034.	71930.	80295.	290.	300.	6.548	0.399
36	3	0.400	-4.01	0.00	7986.	71944.	80256.	291.	301.	6.499	0.398
36	4	0.400	0.01	0.00	7991.	71882.	80199.	291.	301.	6.496	0.398
36	5	0.400	2.01	0.00	8000.	71834.	80165.	291.	301.	6.499	0.398
36	6	0.400	3.98	0.00	7972.	71834.	80132.	291.	301.	6.486	0.398
36	7	0.400	6.02	0.00	7996.	71810.	80137.	291.	301.	6.496	0.398
36	8	0.400	7.94	0.00	7981.	71825.	80132.	291.	301.	6.489	0.398
36	9	0.400	9.99	0.00	7976.	71882.	80185.	291.	301.	6.489	0.398
36	10	0.400	14.99	0.00	7996.	71992.	80314.	291.	301.	6.502	0.398
36	11	0.400	20.14	0.00	7991.	72050.	80367.	291.	301.	6.502	0.398
36	12	0.400	0.00	0.00	8015.	71968.	80309.	291.	301.	6.509	0.398
37	1	0.400	0.00	-6.06	8034.	71954.	80319.	291.	301.	6.519	0.399
37	2	0.400	0.00	-3.04	8024.	71968.	80319.	291.	301.	6.515	0.399
37	3	0.400	0.00	0.00	8034.	71968.	80333.	291.	301.	6.519	0.399
37	4	0.400	0.01	3.04	8019.	72002.	80352.	291.	301.	6.515	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
37	5	0.400	0.01	6.06	8005.	72016.	80347.	291.	301.	6.509	0.398
37	6	0.400	-0.01	0.00	8029.	72002.	80362.	291.	301.	6.519	0.399
38	1	0.400	5.98	-6.08	8024.	72016.	80367.	291.	301.	6.515	0.399
38	2	0.400	6.01	-3.05	8019.	72026.	80376.	291.	301.	6.515	0.398
38	3	0.400	5.99	0.00	8024.	72040.	80390.	291.	301.	6.519	0.398
38	4	0.400	5.99	3.05	8015.	72064.	80405.	291.	301.	6.515	0.398
38	5	0.400	6.00	6.08	7996.	72098.	80419.	291.	301.	6.509	0.398
38	6	0.400	6.00	0.00	8019.	71906.	80256.	291.	301.	6.512	0.399
39	1	0.400	15.00	-6.08	8005.	72040.	80371.	291.	301.	6.509	0.398
39	2	0.400	14.99	-3.05	8024.	72040.	80390.	291.	301.	6.519	0.398
39	3	0.400	14.99	0.00	8029.	72040.	80395.	291.	301.	6.519	0.399
39	4	0.400	14.97	3.05	8039.	72064.	80429.	291.	301.	6.525	0.399
39	5	0.400	14.98	6.08	8019.	72098.	80448.	291.	301.	6.519	0.398
39	6	0.400	14.97	0.00	8015.	71882.	80228.	291.	301.	6.509	0.399
40	3	0.400	-4.00	0.00	8101.	72639.	81070.	293.	303.	6.515	0.399
40	4	0.400	-0.01	0.00	8072.	72782.	81180.	293.	303.	6.505	0.398
40	5	0.400	2.00	0.00	8101.	72710.	81142.	293.	303.	6.519	0.399
40	6	0.400	4.00	0.00	8125.	72648.	81109.	293.	303.	6.525	0.399
40	7	0.400	5.98	0.00	8096.	72663.	81089.	293.	303.	6.512	0.399
40	8	0.400	7.97	0.00	8106.	72639.	81075.	293.	303.	6.515	0.399
40	9	0.400	9.98	0.00	8072.	72672.	81075.	293.	303.	6.502	0.398
40	10	0.400	14.97	0.00	8072.	72782.	81190.	293.	303.	6.512	0.398
40	11	0.400	20.19	0.00	8154.	72768.	81257.	293.	303.	6.541	0.400
40	12	0.400	0.02	0.00	8110.	72720.	81166.	293.	303.	6.522	0.399
41	1	0.400	0.00	-6.06	8101.	72720.	81152.	293.	303.	6.515	0.398
41	2	0.400	0.00	-3.04	8101.	72710.	81142.	293.	303.	6.519	0.399
41	3	0.400	0.00	0.00	8106.	72720.	81157.	292.	302.	6.548	0.399
41	4	0.400	0.00	3.04	8096.	72734.	81161.	292.	302.	6.548	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
41	5	0.400	0.00	6.06	8106.	72720.	81157.	292.	302.	6.548	0.399
41	6	0.400	0.04	0.00	8110.	72720.	81166.	292.	302.	6.555	0.399
42	1	0.400	5.99	-6.08	8110.	72734.	81176.	292.	302.	6.551	0.399
42	2	0.400	5.98	-3.05	8106.	72734.	81171.	292.	302.	6.551	0.399
42	3	0.400	5.98	0.00	8125.	72720.	81180.	292.	302.	6.558	0.399
42	4	0.400	5.99	3.05	8101.	72758.	81190.	292.	302.	6.551	0.398
42	5	0.400	5.99	6.08	8101.	72768.	81200.	292.	302.	6.548	0.398
42	6	0.400	5.99	0.00	8096.	72782.	81209.	292.	302.	6.548	0.398
43	2	0.400	14.96	-6.08	8115.	72854.	81300.	292.	302.	6.561	0.398
43	3	0.400	14.96	-3.04	8125.	72840.	81300.	292.	302.	6.564	0.399
43	4	0.400	14.97	0.00	8130.	72854.	81315.	292.	302.	6.564	0.399
43	5	0.400	14.97	3.06	8120.	72878.	81329.	292.	302.	6.564	0.399
43	6	0.400	14.98	6.09	8101.	72912.	81343.	292.	302.	6.555	0.398
43	7	0.400	14.98	0.00	8115.	72902.	81348.	292.	302.	6.561	0.398
44	3	0.400	-4.00	0.00	8106.	72639.	81075.	292.	302.	6.548	0.399
44	4	0.400	0.00	0.00	8106.	72591.	81027.	292.	302.	6.545	0.399
44	5	0.400	1.99	0.00	8091.	72840.	81262.	292.	302.	6.548	0.398
44	6	0.400	3.99	0.00	8125.	72782.	81238.	292.	302.	6.561	0.399
44	7	0.400	5.96	0.00	8120.	72744.	81200.	292.	302.	6.558	0.399
44	8	0.400	7.97	0.00	8106.	72744.	81185.	292.	302.	6.551	0.399
44	9	0.400	10.01	0.00	8115.	72744.	81195.	292.	302.	6.558	0.399
44	10	0.400	14.96	0.00	8106.	72782.	81219.	292.	302.	6.555	0.398
44	11	0.400	20.16	0.00	8134.	72806.	81271.	292.	302.	6.564	0.399
44	12	0.400	0.00	0.00	8086.	72768.	81185.	292.	302.	6.545	0.398
45	1	0.400	0.00	-6.06	8125.	72710.	81166.	292.	302.	6.558	0.399
45	2	0.400	0.00	-3.04	8096.	72734.	81161.	292.	302.	6.548	0.398
45	3	0.400	0.00	0.00	8086.	72744.	81161.	292.	302.	6.541	0.398
45	4	0.400	0.00	3.04	8091.	72758.	81180.	292.	302.	6.545	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
45	5	0.400	0.00	6.06	8086.	72768.	81185.	292.	302.	6.545	0.398
45	6	0.400	0.00	0.00	8110.	72734.	81176.	292.	302.	6.551	0.399
46	1	0.400	6.00	-6.08	8091.	72744.	81166.	292.	302.	6.545	0.398
46	2	0.400	6.00	-3.05	8096.	72744.	81171.	292.	302.	6.548	0.398
46	3	0.400	5.99	0.00	8130.	72720.	81185.	292.	302.	6.561	0.399
46	4	0.400	6.00	3.05	8082.	72782.	81195.	292.	302.	6.545	0.398
46	5	0.400	6.00	6.08	8096.	72768.	81195.	292.	302.	6.548	0.398
46	6	0.400	5.99	0.00	8115.	72758.	81204.	292.	302.	6.555	0.399
47	1	0.400	14.98	-6.09	8110.	72840.	81281.	292.	302.	6.558	0.398
47	2	0.400	14.97	-3.05	8106.	72864.	81300.	292.	302.	6.555	0.398
47	3	0.400	14.98	0.00	8115.	72840.	81291.	292.	302.	6.561	0.399
47	4	0.400	14.98	3.06	8130.	72840.	81305.	292.	302.	6.568	0.399
47	5	0.400	14.98	6.09	8110.	72878.	81319.	292.	302.	6.558	0.398
47	6	0.400	14.98	0.00	8125.	72878.	81334.	292.	302.	6.564	0.399
48	1	0.400	-4.00	0.00	8096.	72687.	81113.	292.	302.	6.545	0.398
48	2	0.400	0.01	0.00	8101.	72663.	81094.	292.	302.	6.545	0.399
48	3	0.400	2.02	0.00	8077.	72663.	81070.	292.	302.	6.535	0.398
48	4	0.400	4.00	0.00	8115.	72758.	81204.	292.	302.	6.555	0.399
48	5	0.400	5.98	0.00	8110.	72758.	81200.	292.	302.	6.555	0.399
48	6	0.400	7.98	0.00	8125.	72758.	81214.	292.	302.	6.561	0.399
48	7	0.400	10.01	0.00	8101.	72782.	81214.	292.	302.	6.551	0.398
48	8	0.400	15.01	0.00	8120.	72806.	81257.	292.	302.	6.561	0.399
48	9	0.400	20.24	0.00	8139.	72840.	81315.	292.	302.	6.571	0.399
48	10	0.400	0.01	0.00	8110.	72744.	81190.	292.	302.	6.555	0.399
49	1	0.400	0.00	-6.06	8106.	72710.	81147.	292.	302.	6.551	0.399
49	2	0.400	0.00	-3.04	8082.	72734.	81147.	292.	302.	6.541	0.398
49	3	0.400	0.00	0.00	8072.	72758.	81157.	292.	302.	6.535	0.398
49	4	0.400	0.00	3.04	8077.	72744.	81152.	292.	302.	6.538	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _O	N _R × 10 ⁻⁶	M _C
49	5	0.400	0.00	6.06	8077.	72758.	81161.	292.	302.	6.538	0.398
49	6	0.400	0.00	0.00	8043.	72782.	81152.	292.	302.	6.525	0.397
50	1	0.400	6.00	-6.08	8125.	72734.	81190.	292.	302.	6.558	0.399
50	2	0.400	6.00	-3.05	8115.	72744.	81195.	292.	302.	6.558	0.399
50	3	0.400	6.00	0.00	8101.	72768.	81200.	292.	302.	6.548	0.398
50	4	0.400	6.00	3.05	8101.	72782.	81214.	292.	302.	6.551	0.398
50	5	0.400	5.99	6.08	8115.	72792.	81243.	292.	302.	6.558	0.399
50	6	0.400	6.00	0.00	8163.	72744.	81248.	292.	302.	6.578	0.400
51	1	0.400	14.94	-6.08	8101.	72902.	81334.	292.	302.	6.558	0.398
51	2	0.400	14.97	-3.05	8115.	72768.	81219.	292.	302.	6.558	0.399
51	3	0.400	14.98	0.00	8091.	72806.	81228.	292.	302.	6.548	0.398
51	4	0.400	14.98	3.05	8101.	72830.	81262.	292.	302.	6.555	0.398
51	5	0.400	14.94	6.09	8091.	72854.	81276.	292.	302.	6.551	0.398
51	6	0.400	14.95	0.00	8101.	72854.	81286.	292.	302.	6.555	0.398
52	3	0.400	-3.99	0.00	8106.	72768.	81204.	292.	302.	6.551	0.398
52	4	0.400	-0.01	0.00	8120.	72734.	81185.	292.	302.	6.558	0.399
52	5	0.400	2.01	0.00	8120.	72696.	81152.	292.	302.	6.555	0.399
52	6	0.400	4.00	0.00	8110.	72696.	81142.	292.	302.	6.551	0.399
52	7	0.400	6.00	0.00	8096.	72720.	81147.	292.	302.	6.545	0.398
52	8	0.400	7.98	0.00	8106.	72720.	81161.	292.	302.	6.551	0.399
52	9	0.400	9.98	0.00	8091.	72734.	81157.	292.	302.	6.545	0.398
52	11	0.400	14.91	0.00	8130.	72768.	81233.	292.	302.	6.564	0.399
52	12	0.400	20.22	0.00	8139.	72806.	81276.	292.	302.	6.568	0.399
52	13	0.400	0.00	0.00	8067.	72744.	81142.	292.	302.	6.535	0.398
53	1	0.400	0.00	-6.06	8086.	72734.	81152.	292.	302.	6.545	0.398
53	2	0.400	0.00	-3.04	8106.	72758.	81195.	292.	302.	6.551	0.399
53	3	0.400	-0.01	0.00	8125.	72710.	81166.	292.	302.	6.558	0.399
53	4	0.400	0.01	3.04	8115.	72696.	81147.	292.	302.	6.555	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _o	N _R x 10 ⁻⁶	M _c
53	5	0.400	0.00	6.07	8101.	72720.	81152.	292.	302.	6.548	0.398
53	6	0.400	-0.03	0.00	8120.	72687.	81137.	291.	301.	6.587	0.399
54	1	0.400	5.99	-6.08	8096.	72720.	81147.	291.	301.	6.578	0.398
54	2	0.400	5.99	-3.05	8110.	72720.	81166.	291.	301.	6.584	0.399
54	3	0.400	5.98	0.00	8115.	72792.	81243.	291.	301.	6.591	0.399
54	4	0.400	6.00	3.05	8106.	72816.	81252.	292.	302.	6.555	0.398
54	5	0.400	5.99	6.08	8110.	72840.	81286.	292.	302.	6.558	0.398
54	6	0.400	5.99	0.00	8144.	72816.	81295.	292.	302.	6.571	0.399
55	1	0.400	15.03	-6.08	8115.	72816.	81267.	292.	302.	6.558	0.399
55	2	0.400	14.92	-3.05	8091.	72663.	81085.	292.	302.	6.541	0.398
55	3	0.400	15.02	0.00	8067.	72696.	81094.	292.	302.	6.532	0.398
55	4	0.400	14.95	3.06	8101.	72687.	81118.	292.	302.	6.548	0.399
55	5	0.400	15.01	6.09	8067.	72758.	81152.	292.	302.	6.535	0.398
55	6	0.400	14.97	0.00	8115.	72696.	81147.	292.	302.	6.555	0.399
56	3	0.400	-3.99	0.00	8149.	72663.	81147.	292.	302.	6.568	0.400
56	4	0.400	-0.01	0.00	8048.	72672.	81051.	292.	302.	6.525	0.397
56	5	0.400	1.99	0.00	8120.	72591.	81042.	292.	302.	6.551	0.399
56	6	0.400	4.01	0.00	8096.	72591.	81018.	292.	302.	6.541	0.399
56	7	0.400	6.03	0.00	8082.	72600.	81013.	292.	302.	6.535	0.398
56	9	0.400	7.97	0.00	8082.	72696.	81109.	292.	302.	6.538	0.398
56	10	0.400	9.98	0.00	8101.	72672.	81109.	292.	302.	6.548	0.399
56	11	0.400	14.97	0.00	8082.	72720.	81133.	292.	302.	6.538	0.398
56	12	0.400	20.23	0.00	8106.	72744.	81185.	292.	302.	6.551	0.399
56	13	0.400	0.00	0.00	8115.	72624.	81075.	292.	302.	6.551	0.399
57	1	0.400	0.00	-6.06	8091.	72639.	81061.	292.	302.	6.541	0.398
57	2	0.400	0.00	-3.04	8096.	72624.	81051.	292.	302.	6.541	0.399
57	3	0.400	0.00	0.00	8101.	72615.	81046.	291.	301.	6.574	0.399
57	4	0.400	0.00	3.04	8077.	72734.	81142.	292.	302.	6.538	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _o	N _R x10 ⁻⁶	M _c
57	5	0.400	0.00	6.07	8101.	72720.	81152.	292.	302.	6.548	0.398
57	6	0.400	0.00	0.00	8106.	72648.	81089.	292.	302.	6.548	0.399
58	1	0.400	6.00	-6.08	8091.	72639.	81061.	291.	301.	6.571	0.398
58	2	0.400	5.99	-3.05	8120.	72624.	81080.	291.	301.	6.584	0.399
58	3	0.400	5.98	0.00	8086.	72710.	81128.	291.	301.	6.574	0.398
58	4	0.400	5.99	3.05	8106.	72720.	81157.	292.	302.	6.548	0.399
58	5	0.400	5.99	6.08	8096.	72744.	81171.	292.	302.	6.548	0.398
58	6	0.400	6.00	0.00	8134.	72710.	81180.	292.	302.	6.564	0.399
59	1	0.400	14.98	-6.08	8134.	72792.	81262.	292.	302.	6.568	0.399
59	2	0.400	14.97	-3.04	8163.	72782.	81281.	292.	302.	6.578	0.400
59	3	0.400	14.98	0.00	8096.	72782.	81209.	292.	302.	6.548	0.398
59	4	0.400	14.98	3.05	8110.	72744.	81190.	291.	301.	6.584	0.399
59	5	0.400	14.98	6.09	8134.	72816.	81286.	292.	302.	6.568	0.399
59	6	0.400	14.97	0.00	8149.	72806.	81291.	292.	302.	6.574	0.399
60	3	0.400	-3.99	0.00	8082.	72720.	81133.	292.	302.	6.538	0.398
60	4	0.400	0.02	0.00	8130.	72576.	81042.	292.	302.	6.555	0.400
60	5	0.400	2.03	0.00	8115.	72567.	81013.	292.	302.	6.548	0.399
60	6	0.400	4.01	0.00	8077.	72710.	81118.	292.	302.	6.538	0.398
60	7	0.400	5.97	0.00	8082.	72672.	81085.	292.	302.	6.538	0.398
60	8	0.400	7.98	0.00	8106.	72720.	81157.	292.	302.	6.548	0.399
60	9	0.400	9.97	0.00	8096.	72720.	81147.	292.	302.	6.545	0.398
60	10	0.400	14.98	0.00	8125.	72720.	81180.	292.	302.	6.558	0.399
60	11	0.400	20.23	0.00	8101.	72816.	81248.	292.	302.	6.551	0.398
60	12	0.400	-0.03	0.00	8096.	72696.	81123.	292.	302.	6.545	0.398
61	1	0.400	0.04	-6.06	8091.	72696.	81118.	291.	301.	6.574	0.398
61	2	0.400	-0.02	-3.04	8086.	72672.	81089.	291.	301.	6.571	0.398
61	3	0.400	0.00	0.00	8120.	72782.	81233.	291.	301.	6.591	0.399
61	4	0.400	0.00	3.04	8091.	72854.	81276.	291.	301.	6.581	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T_o	$N_R \times 10^{-6}$	M_c
61	5	0.400	0.03	6.06	8125.	72854.	81310.	292.	302.	6.564	0.399
61	6	0.400	0.00	0.00	8120.	72864.	81319.	292.	302.	6.564	0.399
62	2	0.400	6.01	-6.08	8096.	72710.	81137.	292.	302.	6.545	0.398
62	3	0.400	5.98	-3.05	8101.	72720.	81152.	292.	302.	6.548	0.398
62	4	0.400	6.02	0.00	8096.	72734.	81161.	292.	302.	6.548	0.398
62	5	0.400	5.96	3.05	8077.	72768.	81176.	292.	302.	6.541	0.398
62	7	0.400	6.05	6.08	8086.	72792.	81209.	292.	302.	6.545	0.398
62	8	0.400	5.96	0.00	8101.	72768.	81200.	292.	302.	6.548	0.398
63	1	0.400	15.01	-6.08	8120.	72864.	81319.	292.	302.	6.564	0.399
63	2	0.400	15.01	-3.04	8125.	72854.	81310.	292.	302.	6.564	0.399
63	3	0.400	14.94	0.00	8096.	72878.	81305.	292.	302.	6.555	0.398
63	4	0.400	14.94	3.06	8082.	72902.	81310.	292.	302.	6.548	0.397
63	5	0.400	14.93	6.09	8086.	72744.	81161.	292.	302.	6.541	0.398
63	6	0.400	14.94	0.00	8077.	72768.	81176.	292.	302.	6.541	0.398

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
67	3	0.000	0.00	0.00	7900.	76335.	76335.	300.	301.		
67	4	0.000	0.00	0.00	7900.	76383.	76383.	300.	301.		
67	5	0.000	0.00	0.00	7900.	76431.	76431.	300.	301.		
67	6	0.000	0.00	0.00	7900.	76574.	76574.	298.	301.		
67	7	0.000	0.00	0.00	7900.	76661.	76661.	297.	301.		
67	8	0.000	0.00	0.00	7900.	76732.	76732.	296.	301.		
68	2	0.400	-3.98	0.00	8096.	72734.	81161.	292.	302.	6.548	0.398
68	3	0.400	0.03	0.00	8086.	72782.	81200.	292.	302.	6.545	0.398
68	4	0.400	2.01	0.00	8130.	72768.	81233.	292.	302.	6.564	0.399
68	5	0.400	3.98	0.00	8091.	72840.	81262.	292.	302.	6.548	0.398
68	6	0.400	6.01	0.00	8096.	72878.	81305.	292.	302.	6.555	0.398
68	7	0.400	7.98	0.00	8086.	72926.	81343.	292.	302.	6.551	0.398
68	8	0.400	10.02	0.00	8139.	72830.	81300.	292.	302.	6.568	0.399
68	9	0.400	14.96	0.00	8082.	72447.	80860.	292.	302.	6.528	0.399
68	10	0.400	20.19	0.00	8077.	72854.	81257.	292.	302.	6.541	0.397
68	11	0.400	-0.02	0.00	8134.	72792.	81262.	292.	302.	6.568	0.399
69	3	0.400	0.00	-6.06	8005.	71786.	80122.	291.	301.	6.499	0.399
69	4	0.400	0.00	-3.04	7972.	71753.	80050.	291.	301.	6.482	0.398
69	5	0.400	0.00	0.00	7972.	71834.	80132.	291.	301.	6.486	0.398
69	6	0.400	0.00	3.04	7976.	71882.	80185.	291.	301.	6.489	0.398
69	7	0.400	0.00	6.07	7981.	71858.	80165.	291.	301.	6.492	0.398
69	8	0.400	0.00	0.00	7967.	71873.	80165.	291.	301.	6.486	0.398
70	1	0.400	6.00	-6.08	8000.	71968.	80295.	291.	301.	6.505	0.398
70	2	0.400	5.98	-3.05	8019.	71705.	80055.	291.	301.	6.502	0.399
70	3	0.400	5.99	0.00	7967.	71777.	80070.	291.	301.	6.482	0.398
70	4	0.400	5.99	3.05	8010.	71825.	80161.	291.	301.	6.502	0.399
70	5	0.400	5.98	6.08	7996.	71920.	80242.	291.	301.	6.499	0.398
70	6	0.400	6.00	0.00	8024.	71978.	80333.	291.	301.	6.515	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R × 10 ⁻⁶	M _c
71	1	0.400	14.99	-6.09	8067.	71920.	80319.	291.	301.	6.532	0.400
71	2	0.400	14.97	-3.04	7948.	71858.	80132.	291.	301.	6.476	0.397
71	3	0.400	14.98	0.00	7972.	71896.	80194.	291.	301.	6.489	0.398
71	4	0.400	14.98	3.06	7996.	71978.	80299.	291.	301.	6.502	0.398
71	5	0.400	14.98	6.09	8048.	71762.	80146.	291.	301.	6.519	0.400
71	6	0.400	14.98	0.00	7981.	71825.	80132.	291.	301.	6.489	0.398
72	3	0.400	0.00	0.00	7943.	71906.	80175.	290.	300.	6.509	0.397
72	4	0.400	0.00	0.00	7986.	71896.	80209.	290.	300.	6.525	0.398
72	6	0.400	-0.01	0.00	7991.	71896.	80213.	290.	300.	6.528	0.398
72	7	0.400	0.00	0.00	7986.	71920.	80232.	290.	300.	6.528	0.398
73	1	0.400	5.99	-6.08	7996.	71786.	80113.	290.	300.	6.525	0.399
73	2	0.400	5.99	-3.05	8000.	71801.	80127.	290.	300.	6.528	0.399
73	3	0.400	5.99	0.00	7976.	71825.	80127.	290.	300.	6.519	0.398
73	4	0.400	6.00	3.05	7996.	71825.	80146.	290.	300.	6.528	0.398
73	5	0.400	5.99	6.08	7981.	71849.	80156.	290.	300.	6.522	0.398
73	6	0.400	5.99	0.00	8005.	71834.	80170.	290.	300.	6.532	0.399
74	5	0.700	-3.99	0.00	13224.	38773.	53692.	278.	305.	6.525	0.698
74	6	0.700	0.00	0.00	13267.	38773.	53745.	278.	305.	6.538	0.699
74	7	0.700	2.00	0.00	13243.	38830.	53774.	278.	305.	6.535	0.698
74	8	0.700	3.99	0.00	13277.	38821.	53803.	278.	305.	6.541	0.699
74	9	0.700	6.00	0.00	13262.	38869.	53831.	278.	305.	6.541	0.698
74	10	0.700	7.97	0.00	13305.	38845.	53865.	277.	305.	6.555	0.699
74	11	0.700	10.00	0.00	13305.	38878.	53898.	278.	305.	6.555	0.699
74	12	0.700	14.96	0.00	13310.	38902.	53922.	278.	305.	6.558	0.699
74	13	0.700	20.28	0.00	13320.	38893.	53927.	282.	310.	6.440	0.699
74	14	0.700	0.00	0.00	13334.	38974.	54023.	278.	305.	6.571	0.699
75	3	0.700	0.00	-6.11	13195.	38663.	53554.	277.	304.	6.538	0.698
75	4	0.700	0.00	-3.06	13234.	38663.	53597.	277.	304.	6.551	0.699

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
75	5	0.700	0.00	0.00	13229.	38701.	53630.	278.	305.	6.522	0.698
75	6	0.700	0.00	3.07	13277.	38677.	53668.	277.	305.	6.535	0.700
75	7	0.700	0.00	6.12	13267.	38725.	53702.	277.	305.	6.535	0.699
75	8	0.700	0.00	0.00	13286.	38759.	53759.	277.	305.	6.541	0.699
76	1	0.700	5.99	-6.15	13301.	38806.	53822.	282.	310.	6.427	0.699
76	2	0.700	5.99	-3.08	13325.	38806.	53855.	282.	310.	6.437	0.700
76	3	0.700	6.00	0.00	13291.	38893.	53889.	278.	305.	6.551	0.698
76	4	0.700	5.99	3.09	13286.	38950.	53941.	278.	305.	6.555	0.698
76	5	0.700	5.99	6.15	13296.	38988.	53984.	278.	306.	6.528	0.697
76	6	0.700	5.99	0.00	13339.	38988.	54042.	278.	306.	6.541	0.699
77	1	0.700	14.98	-6.15	13325.	39022.	54056.	278.	306.	6.538	0.698
77	2	0.700	14.96	-3.07	13329.	39060.	54099.	278.	306.	6.545	0.698
77	3	0.700	14.98	0.00	13344.	39084.	54138.	278.	306.	6.548	0.698
77	4	0.700	14.98	3.09	13305.	38926.	53941.	278.	306.	6.528	0.698
77	5	0.700	14.99	6.16	13301.	38917.	53927.	278.	306.	6.525	0.698
77	6	0.700	14.97	0.00	13310.	38964.	53980.	278.	306.	6.532	0.698
78	6	0.800	-4.01	0.00	14761.	33109.	50379.	273.	308.	6.505	0.798
78	7	0.800	0.00	0.00	14794.	33123.	50432.	273.	308.	6.515	0.798
78	8	0.800	1.99	0.00	14818.	33123.	50465.	273.	308.	6.522	0.799
78	9	0.800	4.02	0.00	14809.	33171.	50499.	273.	308.	6.522	0.798
78	10	0.800	5.99	0.00	14814.	33204.	50537.	273.	308.	6.525	0.798
78	11	0.800	7.95	0.00	14828.	33204.	50556.	273.	308.	6.528	0.798
78	12	0.800	10.00	0.00	14842.	33228.	50599.	273.	308.	6.535	0.798
78	13	0.800	14.95	0.00	14838.	33291.	50647.	273.	308.	6.538	0.798
78	14	0.800	20.32	0.00	14866.	33267.	50662.	273.	308.	6.545	0.799
78	15	0.800	0.00	0.00	14914.	33300.	50762.	273.	308.	6.561	0.799
79	1	0.800	0.00	-6.14	14909.	33362.	50810.	274.	310.	6.532	0.799
79	2	0.800	-0.01	-3.08	14919.	33386.	50844.	274.	310.	6.538	0.799

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
79	3	0.800	0.00	0.00	14905.	33434.	50867.	274.	310.	6.535	0.798
79	4	0.800	0.00	3.08	14938.	33420.	50901.	274.	310.	6.545	0.799
79	5	0.800	0.00	6.14	14938.	33444.	50925.	274.	310.	6.548	0.798
79	6	0.800	0.00	0.00	14953.	33482.	50978.	274.	310.	6.555	0.798
80	1	0.800	5.99	-6.17	14981.	33492.	51030.	274.	310.	6.561	0.799
80	3	0.800	5.99	-3.09	14996.	33530.	51078.	274.	310.	6.568	0.799
80	4	0.800	6.00	0.00	14991.	33564.	51107.	274.	310.	6.571	0.798
80	5	0.800	6.00	3.10	14996.	33588.	51136.	274.	310.	6.574	0.798
80	6	0.800	6.00	6.17	14991.	33650.	51183.	274.	310.	6.574	0.797
80	7	0.800	5.98	0.00	15020.	33650.	51222.	274.	310.	6.584	0.798
81	1	0.800	14.98	-6.19	14981.	33564.	51093.	274.	310.	6.568	0.798
81	2	0.800	14.97	-3.09	14986.	33626.	51155.	274.	310.	6.571	0.797
81	3	0.800	14.98	0.00	15034.	33602.	51203.	274.	310.	6.584	0.799
81	5	0.800	14.93	3.10	15015.	33731.	51294.	275.	311.	6.558	0.797
81	6	0.800	14.98	6.20	15029.	33626.	51217.	275.	311.	6.555	0.799
81	7	0.800	14.97	0.00	14933.	33434.	50911.	275.	311.	6.515	0.798
82	4	1.000	-3.98	0.00	17715.	25357.	47952.	263.	316.	6.548	0.999
82	5	1.000	-0.01	0.00	17734.	25357.	47980.	263.	316.	6.551	0.999
82	6	1.000	1.98	0.00	17744.	25347.	47985.	263.	316.	6.555	1.000
82	7	1.000	4.01	0.00	17749.	25357.	48004.	263.	316.	6.555	0.999
82	8	1.000	6.01	0.00	17768.	25347.	48023.	263.	316.	6.558	1.000
82	9	1.000	7.98	0.00	17768.	25381.	48052.	263.	316.	6.561	1.000
82	10	1.000	9.99	0.00	17777.	25395.	48076.	263.	316.	6.564	1.000
82	11	1.000	15.00	0.00	17773.	25419.	48090.	263.	316.	6.568	0.999
82	12	1.000	20.52	0.01	17878.	25515.	48335.	264.	317.	6.571	1.000
82	13	1.000	-0.01	0.00	17840.	25481.	48239.	263.	316.	6.587	1.000
83	1	1.000	-0.01	-6.18	17806.	25410.	48134.	263.	316.	6.574	1.000
83	2	1.000	-0.02	-3.10	17643.	25189.	47707.	263.	316.	6.515	1.000

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _o	N _R x 10 ⁻⁶	M _c
83	3	1.000	0.00	0.00	17643.	25228.	47731.	263.	316.	6.519	0.999
83	4	1.000	0.00	3.10	17639.	25261.	47750.	263.	316.	6.519	0.998
83	5	1.000	-0.01	6.18	17663.	25237.	47774.	263.	316.	6.525	0.999
83	6	1.000	0.00	0.00	17677.	25261.	47813.	263.	316.	6.528	0.999
84	1	1.000	5.99	-6.23	17701.	25275.	47865.	263.	316.	6.538	1.000
84	2	1.000	6.00	-3.12	17706.	25299.	47889.	263.	316.	6.541	0.999
84	3	1.000	5.99	0.00	17730.	25299.	47928.	263.	316.	6.545	1.000
84	4	1.000	5.99	3.14	17710.	25347.	47932.	263.	316.	6.545	0.999
84	5	1.000	6.01	6.25	17739.	25347.	47980.	263.	316.	6.551	0.999
84	6	1.000	5.99	0.00	17749.	25405.	48043.	263.	316.	6.558	0.999
85	1	1.000	14.98	-6.26	17753.	25429.	48066.	263.	316.	6.561	0.998
85	2	1.000	14.97	-3.13	17773.	25429.	48095.	263.	316.	6.568	0.999
85	3	1.000	14.98	0.01	17782.	25453.	48129.	263.	316.	6.571	0.998
85	4	1.000	14.97	3.15	17811.	25443.	48172.	263.	316.	6.578	1.000
85	5	1.000	14.97	6.27	17806.	25491.	48201.	263.	316.	6.581	0.999
85	6	1.000	14.98	0.00	17720.	25299.	47913.	263.	316.	6.545	1.000
86	7	1.100	-4.00	0.00	18759.	22149.	47296.	255.	317.	6.561	1.099
86	8	1.100	-0.01	0.00	18783.	22187.	47363.	255.	317.	6.568	1.099
86	9	1.100	2.01	0.00	18812.	22197.	47415.	255.	317.	6.578	1.100
86	10	1.100	4.01	0.01	18812.	22235.	47444.	255.	317.	6.581	1.099
86	11	1.100	6.00	0.01	18860.	22202.	47502.	255.	317.	6.591	1.101
86	12	1.100	7.98	0.01	18836.	22283.	47521.	255.	317.	6.591	1.098
86	13	1.100	10.01	0.01	18855.	22283.	47549.	256.	318.	6.564	1.099
86	14	1.100	15.01	0.01	18941.	22369.	47755.	256.	318.	6.594	1.099
86	15	1.100	20.50	0.01	18979.	22369.	47822.	257.	320.	6.574	1.100
86	16	1.100	0.00	0.00	18639.	22039.	47018.	257.	320.	6.463	1.099
87	1	1.100	-0.02	-6.19	18687.	22101.	47138.	256.	318.	6.509	1.099
87	2	1.100	-0.03	-3.10	18773.	22187.	47348.	256.	318.	6.538	1.099

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	P	H	T	T _O	N _R x 10 ⁻⁶	M _C
87	3	1.100	0.00	0.00	18797.	22187.	47387.	256.	318.	6.541	1.100
87	4	1.100	0.00	3.11	18807.	22211.	47420.	256.	318.	6.548	1.099
87	5	1.100	0.00	6.20	18845.	22211.	47487.	256.	318.	6.558	1.100
87	6	1.100	-0.01	0.00	18850.	22269.	47535.	256.	318.	6.564	1.099
88	1	1.100	6.00	-6.25	18869.	22307.	47588.	256.	318.	6.571	1.099
88	2	1.100	6.00	-3.13	18888.	22321.	47636.	256.	318.	6.578	1.099
88	3	1.100	6.00	0.00	18898.	22331.	47660.	256.	318.	6.581	1.099
88	4	1.100	5.99	3.15	18931.	22331.	47712.	256.	318.	6.587	1.100
88	5	1.100	5.99	6.27	18941.	22355.	47746.	257.	320.	6.561	1.100
88	6	1.100	5.99	0.00	18955.	22379.	47789.	257.	320.	6.568	1.099
89	1	1.100	14.97	-6.29	18845.	22187.	47468.	256.	318.	6.555	1.101
89	2	1.100	14.96	-3.14	18821.	22245.	47468.	256.	318.	6.555	1.099
89	3	1.100	14.97	0.01	18883.	22273.	47592.	256.	318.	6.571	1.100
89	4	1.100	14.97	3.17	18874.	22259.	47569.	256.	318.	6.568	1.100
89	5	1.100	14.98	6.32	18879.	22283.	47592.	256.	318.	6.571	1.100
89	6	1.100	14.97	0.01	18965.	22331.	47770.	256.	318.	6.597	1.101
90	3	0.900	-4.00	0.00	16456.	29168.	49220.	269.	313.	6.574	0.897
90	4	0.900	0.01	0.00	16499.	29120.	49240.	269.	313.	6.584	0.899
90	5	0.900	2.00	0.01	16499.	29144.	49263.	268.	312.	6.617	0.899
90	6	0.900	3.99	0.00	16499.	29144.	49263.	268.	312.	6.617	0.899
90	7	0.900	6.00	0.01	16509.	29144.	49273.	268.	312.	6.617	0.899
90	8	0.900	8.00	0.01	16480.	28953.	49067.	268.	312.	6.597	0.901
90	9	0.900	9.99	0.01	16422.	28962.	48991.	268.	312.	6.581	0.899
90	10	0.900	14.97	0.01	16413.	28977.	48991.	268.	312.	6.581	0.899
90	11	0.900	20.37	0.00	16384.	29001.	48967.	268.	312.	6.574	0.898
90	12	0.900	0.00	0.00	16413.	29058.	49058.	268.	312.	6.584	0.898
91	1	0.900	0.00	-6.15	16475.	29001.	49101.	268.	312.	6.601	0.900
91	2	0.900	0.00	-3.08	16451.	29048.	49105.	268.	312.	6.594	0.899

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _O	N _R x10 ⁻⁶	M _C
91	3	0.900	-0.01	0.00	16470.	29048.	49134.	268.	312.	6.601	0.900
91	4	0.900	-0.01	3.09	16446.	29082.	49129.	268.	312.	6.597	0.898
91	5	0.900	0.00	6.17	16475.	29048.	49144.	268.	312.	6.604	0.900
91	6	0.900	0.00	0.01	16461.	29096.	49163.	268.	312.	6.601	0.899
92	1	0.900	5.98	-6.17	16456.	29130.	49187.	268.	312.	6.604	0.898
92	2	0.900	5.99	-3.09	16499.	29096.	49220.	268.	312.	6.614	0.900
92	3	0.900	5.97	0.01	16494.	29120.	49230.	268.	312.	6.614	0.899
92	4	0.900	5.98	3.11	16494.	29120.	49235.	268.	312.	6.614	0.899
92	5	0.900	5.98	6.19	16499.	29135.	49249.	268.	312.	6.614	0.899
92	6	0.900	5.99	0.01	16523.	29120.	49278.	268.	312.	6.620	0.900
93	1	0.900	14.98	-6.22	16499.	29159.	49273.	268.	312.	6.617	0.899
93	2	0.900	14.94	-3.10	16475.	29087.	49173.	268.	312.	6.604	0.899
93	3	0.900	14.96	0.01	16365.	29001.	48938.	268.	312.	6.568	0.897
93	4	0.900	14.99	3.13	16384.	29001.	48967.	268.	312.	6.574	0.898
93	5	0.900	14.98	6.24	16413.	28962.	48976.	268.	312.	6.578	0.899
93	6	0.900	14.96	0.01	16370.	29048.	48991.	268.	312.	6.574	0.897
94	3	0.400	-4.00	0.00	8211.	73721.	82263.	296.	305.	6.545	0.398
94	4	0.400	0.00	0.00	8211.	73658.	82205.	296.	305.	6.541	0.399
94	5	0.400	2.00	0.00	8182.	73635.	82148.	296.	305.	6.528	0.398
94	6	0.400	3.96	0.00	8221.	73563.	82119.	295.	305.	6.541	0.399
94	7	0.400	5.98	0.00	8225.	73539.	82100.	295.	305.	6.541	0.399
94	8	0.400	7.98	0.00	8187.	73625.	82143.	296.	305.	6.532	0.398
94	9	0.400	9.99	0.00	8192.	73635.	82162.	296.	305.	6.535	0.398
94	10	0.400	14.99	0.00	8221.	73611.	82167.	295.	304.	6.574	0.399
94	11	0.400	20.20	0.00	8235.	73658.	82229.	295.	304.	6.584	0.399
94	12	0.400	0.00	0.00	8244.	73673.	82253.	295.	305.	6.558	0.399
95	1	0.400	0.00	-6.06	8211.	73658.	82205.	296.	305.	6.541	0.399
95	2	0.400	0.00	-3.04	8240.	73635.	82210.	295.	305.	6.551	0.399

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M	α	β	q	p	H	T	T _O	N _R x10 ⁻⁶	M _c
95	3	0.400	0.00	0.00	8177.	73682.	82191.	296.	305.	6.528	0.398
95	4	0.400	0.00	3.04	8201.	73658.	82196.	296.	305.	6.538	0.398
95	5	0.400	0.00	6.06	8187.	73682.	82200.	296.	305.	6.532	0.398
95	6	0.400	0.00	0.00	8225.	73635.	82196.	295.	305.	6.548	0.399
96	1	0.400	5.99	-6.08	8168.	73649.	82148.	295.	304.	6.555	0.398
96	2	0.400	5.99	-3.05	8201.	73611.	82148.	295.	304.	6.568	0.399
96	3	0.400	5.99	0.00	8187.	73635.	82152.	295.	304.	6.561	0.398
96	4	0.400	5.99	3.05	8211.	73601.	82143.	295.	304.	6.571	0.399
96	5	0.400	5.99	6.08	8187.	73635.	82157.	295.	304.	6.561	0.398
96	6	0.400	5.99	0.00	8201.	73649.	82181.	295.	304.	6.568	0.398
97	1	0.400	14.98	-6.09	8225.	73697.	82258.	295.	304.	6.581	0.399
97	3	0.400	14.97	-3.05	8225.	73697.	82258.	295.	304.	6.581	0.399
97	4	0.400	14.99	0.00	8235.	73682.	82253.	295.	304.	6.584	0.399
97	5	0.400	14.98	3.06	8259.	73635.	82234.	294.	304.	6.594	0.400
97	6	0.400	14.97	6.10	8216.	73673.	82224.	295.	304.	6.578	0.399
97	7	0.400	14.96	0.00	8197.	73673.	82200.	295.	304.	6.568	0.398

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
6	15	0.400	0.00	0.00	-0.0836	0.0547	0.0389	-0.0026	-0.0000	0.0006	0.0815
6	16	0.400	0.00	0.00	-0.0834	0.0564	0.0387	-0.0043	-0.0001	-0.0004	0.0879
6	17	0.400	0.00	0.00	-0.0937	0.0579	0.0391	-0.0043	-0.0001	-0.0000	0.0936
6	18	0.400	0.00	0.00	-0.0846	0.0564	0.0382	-0.0044	-0.0001	0.0000	0.0869
6	19	0.400	0.00	0.00	-0.0841	0.0593	0.0390	-0.0025	-0.0000	0.0002	0.0956
6	20	0.400	0.00	0.00	-0.0787	0.0609	0.0392	-0.0027	-0.0001	0.0003	0.1046
6	21	0.400	0.00	0.00	-0.0934	0.0631	0.0399	-0.0005	-0.0000	0.0002	0.1088
6	22	0.400	0.00	0.00	-0.0875	0.0652	0.0399	-0.0007	-0.0005	-0.0002	0.1136
6	23	0.400	0.01	0.00	-0.0823	0.0671	0.0401	-0.0044	-0.0003	-0.0000	0.1188
6	24	0.400	0.00	0.00	-0.0930	0.0699	0.0407	-0.0025	-0.0001	-0.0000	0.1250
6	25	0.400	0.00	0.00	-0.0918	0.0724	0.0412	-0.0043	-0.0001	-0.0000	0.1326
6	26	0.400	0.01	0.00	-0.0975	0.0751	0.0410	-0.0025	-0.0000	0.0001	0.1380
6	27	0.400	0.00	0.00	-0.1022	0.0774	0.0415	-0.0025	-0.0000	0.0001	0.1444
6	28	0.400	0.01	0.00	-0.0926	0.0794	0.0404	-0.0062	-0.0005	-0.0004	0.1519
6	29	0.400	0.01	0.00	-0.0974	0.0821	0.0409	-0.0043	-0.0001	-0.0001	0.1571
6	30	0.400	0.02	0.00	-0.0865	0.0840	0.0412	-0.0044	-0.0003	-0.0000	0.1636
6	31	0.400	0.02	0.00	-0.0976	0.0858	0.0409	-0.0044	-0.0001	0.0000	0.1782
6	32	0.400	0.01	0.00	-0.0889	0.0537	0.0386	-0.0062	-0.0002	0.0001	0.1078
7	3	0.400	-3.97	0.00	-0.4913	0.3553	0.0571	-0.0011	-0.0005	0.0005	0.0589
7	4	0.400	2.02	0.00	0.1227	0.0552	0.0375	-0.0043	-0.0001	0.0000	0.0804
7	5	0.400	3.98	0.00	0.3124	0.0518	0.0287	-0.0048	-0.0001	0.0000	0.0775
7	6	0.400	6.01	0.00	0.5215	0.0416	0.0204	-0.0033	-0.0003	0.0000	0.0685
7	7	0.400	7.99	0.00	0.7193	0.0239	0.0123	-0.0020	-0.0008	0.0000	0.0525
7	8	0.400	10.01	0.00	0.9224	0.0016	0.0037	-0.0042	-0.0012	0.0001	0.0313
7	9	0.400	14.99	0.00	1.3840	-0.0230	-0.0038	-0.0138	-0.0007	-0.0009	0.0087
7	10	0.400	20.18	-0.00	1.7773	-0.0346	-0.0084	-0.0151	-0.0003	-0.0046	0.0036
7	11	0.400	-0.00	0.00	-0.0892	-0.0214	-0.0081	0.0144	-0.0024	-0.0027	0.0233
7						0.0543	0.0377	-0.0025	-0.0006	0.0001	0.0789
8	1	0.400	-0.01	-6.06	-0.0736	0.0431	0.0272	0.1909	-0.0003	0.0493	0.0713
8	2	0.400	0.01	-3.04	-0.0795	0.0520	0.0357	0.0932	-0.0001	0.0246	0.0777
8	3	0.400	0.01	0.00	-0.0792	0.0546	0.0375	-0.0025	-0.0000	0.0001	0.0790

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
8	4	0.400	-0.01	3.04	-0.0865	0.0524	0.0356	-0.0953	-0.0004	-0.0243	0.0775
8	5	0.400	0.01	6.06	-0.0722	0.0459	0.0268	-0.1916	-0.0001	-0.0487	0.0725
8	6	0.400	0.01	0.00	-0.0789	0.0553	0.0384	-0.0062	-0.0002	-0.0004	0.0799
10	3	0.400	-0.00	0.00	-0.0789	0.0562	0.0384	-0.0007	-0.0000	0.0001	0.0823
10	4	0.400	-0.00	0.00	-0.0742	0.0559	0.0378	-0.0007	-0.0000	0.0001	0.0823
10	5	0.400	-0.00	0.00	-0.0794	0.0571	0.0375	-0.0007	-0.0005	-0.0000	0.0878
10	6	0.400	-0.01	0.00	-0.0889	0.0598	0.0385	-0.0025	-0.0003	-0.0000	0.0948
10	7	0.400	-0.00	0.00	-0.0741	0.0611	0.0377	-0.0025	0.0001	0.0000	0.0991
10	8	0.400	-0.00	-0.00	-0.0789	0.0635	0.0382	0.0010	-0.0001	0.0001	0.1040
11	3	0.000	0.00	-0.00	-0.0000	-0.0022	0.0000	0.0030	-0.0003	-0.0000	0.0000
11	4	0.000	0.00	-0.00	-0.0000	-0.0027	-0.0000	0.0030	-0.0003	-0.0000	0.0027
11	5	0.000	0.00	-0.00	-0.0000	-0.0024	-0.0000	-0.0000	-0.0000	-0.0000	0.0092
11	6	0.000	0.00	-0.00	-0.0000	-0.0019	-0.0000	0.0030	-0.0003	-0.0000	0.0139
11	7	0.000	0.00	-0.00	-0.0000	0.0005	-0.0001	0.0031	0.0001	-0.0000	0.0194
11	8	0.000	0.00	-0.00	-0.0000	0.0016	-0.0001	0.0031	0.0001	-0.0000	0.0250
11	9	0.000	0.00	-0.00	-0.0000	0.0033	-0.0001	0.0031	0.0001	-0.0000	0.0314
12	3	0.400	15.00	-6.08	1.3332	-0.0184	-0.0084	0.1895	0.0123	0.0329	0.0245
12	4	0.400	15.01	-6.08	1.3428	-0.0200	-0.0070	0.1894	0.0128	0.0323	0.0233
12	5	0.400	14.99	-3.05	1.3763	-0.0325	-0.0074	0.0828	0.0075	0.0133	0.0074
12	6	0.400	14.97	0.00	1.3806	-0.0367	-0.0090	-0.0133	0.0007	-0.0048	0.0023
12	7	0.400	14.98	3.06	1.3762	-0.0352	-0.0095	-0.1088	-0.0061	-0.0216	0.0046
12	8	0.400	14.97	6.09	1.3265	-0.0291	-0.0074	-0.2045	-0.0133	-0.0389	0.0121
12	9	0.400	14.98	0.00	1.3878	-0.0360	-0.0081	-0.0095	0.0012	-0.0046	0.0033
13	3	0.400	0.00	0.00	-0.0790	0.0551	0.0384	-0.0008	-0.0007	0.0003	0.0838
13	4	0.400	0.00	0.00	-0.0787	0.0615	0.0392	-0.0008	-0.0002	0.0005	0.1019
13	5	0.400	0.00	0.00	-0.0881	0.0693	0.0401	-0.0063	-0.0002	-0.0001	0.1210
13	6	0.400	0.00	0.00	-0.0975	0.0774	0.0410	-0.0025	-0.0000	0.0002	0.1408
13	7	0.400	0.01	0.00	-0.0825	0.0806	0.0411	-0.0026	0.0001	0.0000	0.1477

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{A_F}	C_m	C_y	C_n	C_l	C_A
13	8	0.400	0.01	0.00	-0.0830	0.0828	0.0402	-0.0025	0.0001	0.0000	0.1575
13	9	0.400	0.01	0.00	-0.0930	0.0842	0.0404	-0.0025	-0.0000	0.0000	0.1608
13	10	0.400	0.01	0.00	-0.0778	0.0861	0.0394	-0.0044	0.0001	-0.0006	0.1664
13	11	0.400	0.02	0.00	-0.0783	0.0987	0.0394	-0.0026	0.0001	0.0000	0.2076
13	12	0.400	0.01	0.00	-0.0695	0.0537	0.0373	-0.0025	-0.0000	0.0000	0.0794
14	3	0.400	-4.00	0.00	-0.4587	0.0389	0.0525	-0.0011	-0.0005	0.0005	0.0625
14	4	0.400	-0.01	0.00	-0.0747	0.0578	0.0370	-0.0044	-0.0001	0.0000	0.0824
14	5	0.400	2.03	0.00	0.1134	0.0566	0.0298	-0.0067	0.0000	-0.0002	0.0821
14	6	0.400	4.02	0.00	0.3192	0.0460	0.0231	-0.0053	-0.0001	-0.0001	0.0733
14	7	0.400	6.02	0.00	0.5044	0.0294	0.0169	-0.0057	0.0007	-0.0003	0.0579
14	8	0.400	7.98	0.00	0.7034	0.0069	0.0099	-0.0025	-0.0011	-0.0004	0.0363
14	9	0.400	10.00	0.00	0.8814	-0.0148	0.0056	-0.0085	-0.0005	-0.0013	0.0160
14	10	0.400	15.00	0.00	1.3284	-0.0271	0.0026	-0.0097	0.0004	-0.0044	0.0079
14	11	0.400	20.20	-0.00	1.7225	-0.0121	0.0062	0.0124	-0.0020	-0.0036	0.0269
14	12	0.400	-0.00	0.00	-0.0745	0.0565	0.0369	-0.0007	-0.0002	0.0000	0.0817
15	3	0.400	0.00	0.00	-0.0747	0.0582	0.0370	-0.0007	-0.0005	0.0000	0.0839
15	4	0.400	0.00	0.00	-0.0831	0.0657	0.0396	-0.0080	0.0007	0.0001	0.0990
15	5	0.400	0.00	0.00	-0.0983	0.0730	0.0405	-0.0191	0.0018	-0.0011	0.1126
15	6	0.400	0.00	0.00	-0.0787	0.0803	0.0390	-0.0172	0.0021	-0.0007	0.1251
15	7	0.400	0.00	0.00	-0.0837	0.0821	0.0386	-0.0152	0.0027	-0.0004	0.1296
15	8	0.400	0.00	0.00	-0.0880	0.0855	0.0399	-0.0209	0.0022	0.0010	0.1378
15	9	0.400	0.00	0.00	-0.0933	0.0869	0.0397	-0.0172	0.0019	-0.0009	0.1405
15	10	0.400	0.01	0.00	-0.0821	0.0897	0.0409	-0.0172	0.0021	-0.0004	0.1460
15	11	0.400	0.00	0.00	-0.1063	0.0949	0.0427	-0.0153	0.0014	-0.0005	0.1579
15	12	0.400	0.00	0.00	-0.0694	0.0575	0.0372	-0.0026	-0.0003	0.0000	0.0820
16	3	0.400	0.01	-6.06	-0.0682	0.0469	0.0284	0.1898	0.0000	0.0479	0.0774
16	4	0.400	-0.02	-3.04	-0.0844	0.0547	0.0364	0.0953	0.0001	0.0240	0.0817
16	5	0.400	-0.00	-0.00	-0.0746	0.0573	0.0370	0.0047	-0.0005	0.0003	0.0816
16	6	0.400	0.01	3.04	-0.0812	0.0557	0.0358	-0.0916	-0.0010	-0.0239	0.0807
16	7	0.400	-0.01	6.06	-0.0669	0.0492	0.0271	-0.1877	-0.0010	-0.0484	0.0765

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
16	8	0.400	-0.00	-0.00	-0.0794	0.0570	0.0375	0.0047	-0.0008	0.0002	0.0818
17	1	0.400	5.99	-6.08	0.5115	0.0202	0.0091	0.2051	0.0091	0.0537	0.0548
17	2	0.400	5.98	-3.05	0.4992	0.0249	0.0157	0.1006	0.0055	0.0260	0.0562
17	3	0.400	5.99	0.00	0.5086	0.0292	0.0163	-0.0020	-0.0008	-0.0007	0.0572
17	4	0.400	6.00	3.05	0.5012	0.0279	0.0144	-0.1021	-0.0071	-0.0272	0.0562
17	5	0.400	5.99	6.08	0.4919	0.0270	0.0092	-0.2000	-0.0103	-0.0547	0.0574
17	6	0.400	5.99	0.00	0.5039	0.0296	0.0169	-0.0021	-0.0013	-0.0005	0.0576
18	3	0.400	14.96	-6.09	1.2732	-0.0151	0.0040	0.1953	0.0115	0.0326	0.0224
18	4	0.400	14.98	-3.05	1.3149	-0.0246	0.0050	0.0882	0.0065	0.0130	0.0114
18	5	0.400	14.98	0.00	1.3307	-0.0281	0.0029	-0.0061	0.0000	-0.0048	0.0066
18	6	0.400	14.98	3.05	1.3139	-0.0265	0.0012	-0.1054	-0.0062	-0.0218	0.0068
18	7	0.400	14.96	6.09	1.2779	-0.0187	0.0033	-0.2065	-0.0126	-0.0402	0.0151
18	8	0.400	14.99	0.00	1.3284	-0.0278	0.0029	-0.0079	0.0002	-0.0047	0.0074
20	3	0.400	-3.99	0.00	-0.4362	0.0400	0.0499	-0.0048	-0.0002	-0.0001	0.0644
20	4	0.400	0.01	0.00	-0.0517	0.0571	0.0326	-0.0025	-0.0000	-0.0003	0.0814
20	5	0.400	1.99	0.00	0.1357	0.0537	0.0254	-0.0011	-0.0002	-0.0001	0.0784
20	7	0.400	4.00	0.00	0.3311	0.0436	0.0181	-0.0052	-0.0003	-0.0005	0.0692
20	8	0.400	6.00	0.00	0.5407	0.0255	0.0109	-0.0020	-0.0007	-0.0002	0.0526
20	9	0.400	7.98	0.00	0.7289	0.0034	0.0025	-0.0079	-0.0006	-0.0006	0.0313
20	10	0.400	9.99	0.00	0.9227	-0.0200	-0.0032	-0.0101	0.0000	-0.0004	0.0098
20	11	0.400	14.98	0.00	1.3688	-0.0303	-0.0054	-0.0151	0.0012	-0.0047	0.0045
20	12	0.400	20.21	-0.00	1.7626	-0.0169	-0.0030	-0.0124	-0.0013	-0.0027	0.0239
20	13	0.400	0.00	0.00	-0.0565	0.0573	0.0031	-0.0006	0.0000	0.0000	0.0809
21	1	0.400	-0.01	-6.06	-0.0508	0.0458	0.0229	0.1891	-0.0002	0.0491	0.0730
21	2	0.400	0.01	-3.04	-0.0572	0.0530	0.0306	0.0968	0.0000	0.0248	0.0776
21	3	0.400	-0.01	0.00	-0.0518	0.0566	0.0326	-0.0043	-0.0001	-0.0001	0.0807
21	4	0.400	0.01	3.04	-0.0489	0.0547	0.0304	-0.0916	-0.0005	-0.0242	0.0787
21	5	0.400	0.02	6.07	-0.0501	0.0462	0.0217	-0.1977	-0.0003	-0.0500	0.0732

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
21	6	0.400	-0.02	0.00	-0.0517	0.0570	0.0326	-0.0006	0.0000	-0.0003	0.0808
22	3	0.400	6.01	-6.08	0.5492	0.0183	0.0014	0.1932	0.0108	0.0547	0.0480
22	4	0.400	6.00	-3.05	0.5464	0.0214	0.0078	0.0955	0.0062	0.0271	0.0493
22	5	0.400	6.00	0.00	0.5352	0.0253	0.0106	-0.0019	-0.0004	-0.0006	0.0515
22	6	0.400	6.03	3.05	0.5423	0.0241	0.0079	-0.1002	-0.0067	-0.0275	0.0508
22	7	0.400	5.98	6.08	0.5378	0.0231	0.0021	-0.1962	-0.0092	-0.0547	0.0514
22	8	0.400	6.00	0.00	0.5384	0.0251	0.0100	-0.0019	-0.0007	-0.0001	0.0513
23	1	0.400	14.97	-6.08	1.3250	-0.0178	-0.0056	0.1872	0.0132	0.0326	0.0202
23	2	0.400	14.97	-3.05	1.3481	-0.0268	-0.0041	0.0826	0.0078	0.0127	0.0090
23	3	0.400	14.96	0.00	1.3590	-0.0307	-0.0051	-0.0170	0.0014	-0.0051	0.0037
23	4	0.400	14.99	3.06	1.3618	-0.0295	-0.0073	-0.1107	-0.0059	-0.0224	0.0053
23	5	0.400	14.99	6.09	1.3128	-0.0228	-0.0052	-0.2065	-0.0123	-0.0406	0.0133
23	6	0.400	14.97	0.00	1.3665	-0.0305	-0.0054	-0.0114	0.0014	-0.0050	0.0042
24	5	0.400	-3.99	0.00	-0.1841	0.0562	-0.0151	0.0029	-0.0012	0.0010	0.0889
24	6	0.400	0.01	-0.00	0.2251	0.0678	-0.0352	0.0019	-0.0007	0.0008	0.1023
24	7	0.400	2.03	0.00	0.4143	0.0610	-0.0451	0.0016	-0.0012	0.0007	0.0964
24	8	0.400	4.00	0.00	0.6199	0.0466	-0.0518	0.0011	-0.0009	0.0012	0.0840
24	9	0.400	6.00	0.00	0.8137	0.0267	-0.0580	0.0025	-0.0011	0.0012	0.0658
24	10	0.400	7.97	0.00	1.0093	0.0027	-0.0662	-0.0050	0.0004	0.0004	0.0442
24	11	0.400	10.00	0.00	1.2150	-0.0178	-0.0720	-0.0074	-0.0004	0.0010	0.0264
24	12	0.400	14.98	0.00	1.5899	-0.0056	-0.0600	-0.0108	-0.0002	-0.0036	0.0459
24	13	0.400	20.19	-0.00	1.9218	0.0144	-0.0466	0.0150	-0.0021	-0.0001	0.0741
24	14	0.400	-0.00	-0.00	0.2254	0.0680	-0.0352	0.0019	-0.0004	0.0008	0.1026
25	1	0.400	-0.01	-6.06	0.2316	0.0567	-0.0437	0.1919	0.0008	0.0535	0.0946
25	2	0.400	-0.00	-3.04	0.2293	0.0642	-0.0374	0.0976	-0.0002	0.0219	0.0997
25	3	0.400	-0.00	-0.00	0.2259	0.0675	-0.0344	0.0054	-0.0005	0.0019	0.1025
25	4	0.400	-0.01	3.04	0.2231	0.0652	-0.0377	-0.0874	-0.0017	-0.0257	0.1002
25	5	0.400	0.02	6.06	0.2233	0.0583	-0.0440	-0.1841	-0.0030	-0.0514	0.0953

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
25	6	0.400	-0.00	-0.00	0.2206	0.0680	-0.0347	0.0037	-0.0006	0.0012	0.1025
26	2	0.400	6.00	-6.08	0.8088	0.0234	-0.0662	0.1884	0.0105	0.0535	0.0655
26	3	0.400	6.00	-6.08	0.8229	0.0231	-0.0661	0.1918	0.0104	0.0535	0.0655
26	4	0.400	6.00	-3.05	0.8161	0.0233	-0.0601	0.0927	0.0070	0.0274	0.0640
26	5	0.400	6.01	3.05	0.8212	0.0264	-0.0581	0.0007	-0.0009	0.0004	0.0656
26	6	0.400	5.99	3.05	0.8142	0.0267	-0.0617	-0.0921	-0.0078	-0.0272	0.0663
26	7	0.400	5.99	6.08	0.8059	0.0280	-0.0653	-0.1849	-0.0120	-0.0518	0.0694
26	8	0.400	6.00	0.00	0.8292	0.0244	-0.0590	0.0007	-0.0009	0.0005	0.0640
27	1	0.400	14.97	-6.08	1.5552	0.0010	-0.0613	0.1814	0.0160	0.0241	0.0562
27	2	0.400	14.95	-3.05	1.5870	-0.0048	-0.0599	0.0855	0.0086	0.0083	0.0482
27	3	0.400	14.96	0.00	1.5986	-0.0054	-0.0599	-0.0052	0.0000	-0.0041	0.0457
27	4	0.400	14.96	3.05	1.5738	-0.0030	-0.0584	-0.0971	-0.0094	-0.0141	0.0502
27	5	0.400	14.96	6.09	1.5323	-0.0046	-0.0585	-0.1857	-0.0174	-0.0282	0.0493
27	6	0.400	14.98	0.00	1.5990	-0.0064	-0.0603	-0.0070	0.0004	-0.0040	0.0453
28	3	0.400	-4.00	0.00	-0.1416	0.0591	0.0134	0.0019	-0.0018	0.0013	0.0927
28	4	0.400	0.02	0.00	0.2477	0.0702	-0.0063	-0.0007	-0.0013	0.0003	0.1044
28	5	0.400	2.00	0.00	0.4383	0.0649	-0.0130	-0.0006	-0.0017	0.0009	0.1006
28	6	0.400	4.00	0.00	0.6477	0.0530	-0.0202	-0.0034	-0.0016	0.0005	0.0908
28	7	0.400	6.02	0.00	0.8414	0.0363	-0.0316	-0.0019	-0.0018	0.0010	0.0768
28	8	0.400	7.96	0.00	1.0290	0.0145	-0.0425	-0.0113	-0.0006	-0.0002	0.0556
28	9	0.400	9.98	0.00	1.2293	-0.0050	-0.0506	-0.0118	-0.0008	0.0003	0.0384
28	10	0.400	14.97	0.00	1.6175	0.0006	-0.0471	-0.0168	-0.0006	-0.0042	0.0516
28	11	0.400	20.19	-0.00	1.9423	0.0196	-0.0377	0.0129	-0.0027	-0.0008	0.0791
28	12	0.400	0.01	0.00	0.2426	0.0704	-0.0066	0.0011	-0.0014	0.0002	0.1046
29	1	0.400	0.01	-6.06	0.2448	0.0590	-0.0138	0.1888	-0.0013	0.0564	0.0963
29	2	0.400	-0.01	-3.04	0.2427	0.0669	-0.0074	0.0949	-0.0011	0.0282	0.1026
29	3	0.400	-0.01	0.00	0.2377	0.0699	-0.0060	0.0011	-0.0012	0.0002	0.1043
29	6	0.400	-0.01	3.04	0.2391	0.0673	-0.0090	-0.0896	-0.0017	-0.0273	0.1020

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
29	7	0.400	0.00	6.06	0.2499	0.0605	-0.0147	-0.1879	-0.0020	-0.0549	0.0971
29	8	0.400	-0.00	0.00	0.2373	0.0696	-0.0060	-0.0006	-0.0010	0.0002	0.1040
30	1	0.400	6.00	-6.07	0.8263	0.0345	-0.0360	0.1833	0.0078	0.0566	0.0779
30	2	0.400	6.00	-3.04	0.8372	0.0334	-0.0328	0.0880	0.0053	0.0287	0.0749
30	3	0.400	6.03	0.00	0.8408	0.0361	-0.0316	-0.0001	-0.0019	0.0006	0.0766
30	4	0.400	5.99	3.05	0.8354	0.0358	-0.0340	-0.0923	-0.0074	-0.0279	0.0779
30	5	0.400	6.01	6.08	0.8214	0.0374	-0.0358	-0.1926	-0.0115	-0.0547	0.0805
30	6	0.400	5.99	0.00	0.8386	0.0369	-0.0315	-0.0019	-0.0020	0.0010	0.0770
31	1	0.400	15.00	-6.07	1.5665	0.0066	-0.0426	0.1658	0.0099	0.0259	0.0619
31	2	0.400	14.97	-3.04	1.6133	0.0014	-0.0449	0.0757	0.0056	0.0081	0.0539
31	3	0.400	14.98	0.00	1.6151	0.0024	-0.0462	-0.0149	-0.0006	-0.0049	0.0539
31	4	0.400	14.94	3.05	1.5962	0.0017	-0.0466	-0.0995	-0.0079	-0.0149	0.0544
31	5	0.400	14.99	6.08	1.5481	0.0051	-0.0428	-0.1776	-0.0151	-0.0286	0.0589
31	6	0.400	14.97	0.00	1.6125	0.0022	-0.0462	-0.0149	-0.0006	-0.0045	0.0536
32	2	0.400	-4.01	-0.00	-0.1090	0.0682	0.0431	0.0082	-0.0017	0.0014	0.1032
32	3	0.400	-0.01	-0.00	0.2805	0.0793	0.0223	0.0038	-0.0013	0.0007	0.1154
32	4	0.400	2.02	-0.00	0.4687	0.0725	0.0177	0.0070	-0.0019	0.0003	0.1089
32	5	0.400	4.00	-0.00	0.6573	0.0658	0.0093	0.0048	-0.0020	0.0003	0.1036
32	6	0.400	5.99	-0.00	0.8455	0.0520	-0.0056	0.0046	-0.0017	0.0013	0.0923
32	7	0.400	7.86	0.00	1.0596	0.0317	-0.0222	0.0009	-0.0003	0.0007	0.0730
32	8	0.400	10.02	0.00	1.2592	0.0081	-0.0356	-0.0048	-0.0005	0.0007	0.0521
32	10	0.400	14.97	0.00	1.6395	0.0112	-0.0361	-0.0078	-0.0000	-0.0037	0.0618
32	11	0.400	20.15	-0.00	1.9841	0.0284	-0.0329	0.0181	-0.0035	-0.0019	0.0877
32	12	0.400	0.01	-0.00	0.2887	0.0790	0.0211	0.0056	-0.0012	0.0008	0.1150
33	3	0.400	0.01	-6.06	0.2840	0.0676	0.0159	0.1919	-0.0027	0.0597	0.1046
33	4	0.400	0.01	-3.04	0.2892	0.0752	0.0202	0.0990	-0.0024	0.0309	0.1111
33	5	0.400	0.01	0.00	0.2789	0.0780	0.0221	-0.0033	-0.0008	-0.0001	0.1139
33	6	0.400	0.02	3.04	0.2865	0.0755	0.0202	-0.0940	-0.0005	-0.0030	0.1109

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
33	7	0.400	-0.01	6.06	0.2720	0.0683	0.0148	-0.1918	-0.0001	-0.0587	0.1039
33	8	0.400	-0.00	0.00	0.2867	0.0776	0.0217	0.0020	-0.0011	0.0005	0.1138
34	1	0.400	5.98	-6.08	0.8549	0.0472	-0.0111	0.1915	0.0053	0.0595	0.0908
34	2	0.400	6.00	-3.04	0.8513	0.0491	-0.0072	0.0916	0.0034	0.0312	0.0902
34	3	0.400	6.01	0.00	0.8367	0.0513	-0.0039	0.0027	-0.0015	0.0013	0.0915
34	4	0.400	5.98	3.05	0.8433	0.0515	-0.0074	-0.0945	-0.0059	-0.0292	0.0930
34	5	0.400	6.02	6.08	0.8499	0.0509	-0.0109	-0.1936	-0.0088	-0.0567	0.0946
34	6	0.400	6.01	0.00	0.8395	0.0515	-0.0044	0.0009	-0.0016	0.0012	0.0918
35	2	0.400	15.00	-6.08	1.5994	0.0129	-0.0295	0.1780	0.0086	0.0269	0.0672
35	3	0.400	14.98	-3.04	1.6321	0.0113	-0.0311	0.0834	0.0047	0.0089	0.0635
35	4	0.400	14.96	0.00	1.6239	0.0108	-0.0345	-0.0078	-0.0000	-0.0044	0.0616
35	5	0.400	15.00	3.05	1.6254	0.0098	-0.0334	-0.0913	-0.0059	-0.0146	0.0617
35	6	0.400	14.96	6.08	1.5887	0.0130	-0.0275	-0.1824	-0.0111	-0.0296	0.0671
35	7	0.400	14.99	0.00	1.6344	0.0123	-0.0349	-0.0096	0.0001	-0.0043	0.0630
36	3	0.400	-4.01	-0.00	-0.7075	0.0494	0.1889	0.0034	-0.0006	0.0007	0.0713
36	4	0.400	0.01	-0.00	-0.3341	0.0760	0.1757	0.0019	-0.0005	0.0006	0.0981
36	5	0.400	2.01	-0.00	-0.1852	0.0742	0.1671	0.0029	-0.0009	0.0003	0.0965
36	6	0.400	3.98	0.00	0.0682	0.0756	0.1558	0.0027	-0.0013	0.0000	0.0962
36	7	0.400	6.02	-0.00	0.2743	0.0677	0.1382	0.0025	-0.0008	0.0006	0.0892
36	8	0.400	7.94	0.00	0.4722	0.0528	0.1237	0.0022	-0.0016	0.0013	0.0745
36	9	0.400	9.99	0.00	0.6918	0.0250	0.1062	-0.0034	-0.0018	0.0011	0.0713
36	10	0.400	14.99	0.00	1.1870	-0.0133	0.0787	-0.0112	0.0007	-0.0021	0.0128
36	11	0.400	20.14	-0.00	1.6156	-0.0116	0.0631	0.0021	0.0003	-0.0031	0.0204
36	12	0.400	-0.00	-0.00	-0.3383	0.0763	0.1760	0.0055	-0.0009	0.0010	0.0982
37	1	0.400	0.00	-6.06	-0.3092	0.0640	0.1631	0.1982	-0.0062	0.0512	0.0931
37	2	0.400	-0.00	-3.04	-0.3194	0.0705	0.1719	0.1052	-0.0040	0.0270	0.0966
37	3	0.400	0.00	-0.00	-0.3379	0.0761	0.1758	0.0055	-0.0009	0.0005	0.0980
37	4	0.400	0.01	3.04	-0.3220	0.0741	0.1714	-0.0911	0.0026	-0.0252	0.0985

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
37	5	0.400	0.01	6.06	-0.3088	0.0670	0.1611	-0.1880	0.0046	-0.0498	0.0952
37	6	0.400	-0.01	-0.00	-0.3379	0.0764	0.1758	0.0055	-0.0009	0.0007	0.0982
38	1	0.400	5.98	-6.08	0.2855	0.0546	0.1297	0.1989	0.0028	0.0591	0.0832
38	2	0.400	6.01	-3.05	0.2831	0.0628	0.1358	0.1031	0.0005	0.0302	0.0874
38	3	0.400	5.99	0.00	0.2793	0.0680	0.1384	0.0007	-0.0009	0.0004	0.0897
38	4	0.400	5.99	3.05	0.2720	0.0655	0.1365	-0.0996	-0.0026	-0.0293	0.0885
38	5	0.400	6.00	6.08	0.2763	0.0592	0.1296	-0.1942	-0.0035	-0.0577	0.0862
38	6	0.400	6.00	0.00	0.2742	0.0683	0.1387	0.0007	-0.0009	0.0005	0.0900
39	1	0.400	15.00	-6.08	1.1368	0.0020	0.0873	0.1887	0.0077	0.0429	0.0348
39	2	0.400	14.99	-3.05	1.1793	-0.0090	0.0851	0.0951	0.0035	0.0191	0.0200
39	3	0.400	14.99	0.00	1.1849	-0.0132	0.0793	-0.0094	0.0005	-0.0020	0.0133
39	4	0.400	14.97	3.05	1.1850	-0.0110	0.0809	-0.1054	-0.0014	-0.0255	0.0165
39	5	0.400	14.98	6.08	1.1530	-0.0037	0.0839	-0.1984	-0.0066	-0.0469	0.0255
39	6	0.400	14.97	0.00	1.1864	-0.0124	0.0794	-0.0076	0.0006	-0.0017	0.0141
40	3	0.400	-4.00	0.00	-0.7443	0.0401	0.1582	0.0007	-0.0012	0.0013	0.0625
40	4	0.400	-0.01	0.00	-0.3691	0.0659	0.1443	0.0028	-0.0013	0.0014	0.0879
40	5	0.400	2.00	0.00	-0.1634	0.0680	0.1371	-0.0050	-0.0010	0.0001	0.0897
40	6	0.400	4.00	0.00	0.0424	0.0643	0.1285	-0.0002	-0.0015	0.0014	0.0855
40	7	0.400	5.98	0.00	0.2526	0.0524	0.1146	-0.0040	-0.0016	0.0006	0.0742
40	8	0.400	7.97	0.00	0.4395	0.0373	0.1029	-0.0061	-0.0014	0.0009	0.0593
40	9	0.400	9.98	0.00	0.6678	0.0102	0.0886	-0.0064	-0.0014	0.0011	0.0329
40	10	0.400	14.97	0.00	1.1719	-0.0250	0.0677	-0.0145	0.0008	-0.0024	0.0018
40	11	0.400	20.19	-0.00	1.6147	-0.0223	0.0527	-0.0023	0.0000	-0.0026	0.0099
40	12	0.400	0.02	0.00	-0.3671	0.0660	0.1444	-0.0005	-0.0009	0.0003	0.0882
41	1	0.400	0.00	-6.06	-0.3330	0.0565	0.1319	0.1938	-0.0040	0.0482	0.0859
41	2	0.400	-0.00	-3.04	-0.3531	0.0626	0.1410	0.0983	-0.0023	0.0250	0.0882
41	3	0.400	0.00	-0.00	-0.3523	0.0656	0.1435	0.0046	-0.0007	0.0011	0.0878
41	4	0.400	0.00	3.04	-0.3610	0.0640	0.1413	-0.0931	0.0014	-0.0232	0.0886

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
41	5	0.400	-0.00	6.06	-0.3465	0.0590	0.1335	-0.1948	0.0026	-0.0471	0.0870
41	6	0.400	0.04	0.00	-0.3523	0.0665	0.1435	-0.0041	-0.0003	-0.0003	0.0885
42	1	0.400	5.99	-6.08	0.2699	0.0417	0.1070	0.1947	0.0064	0.0557	0.0702
42	2	0.400	5.98	-3.05	0.2581	0.0498	0.1135	0.0979	0.0026	0.0285	0.0737
42	3	0.400	5.98	0.00	0.2578	0.0536	0.1150	-0.0004	-0.0012	0.0012	0.0752
42	4	0.400	5.99	3.05	0.2556	0.0518	0.1127	-0.0980	-0.0049	-0.0263	0.0746
42	5	0.400	5.99	6.08	0.2553	0.0476	0.1065	-0.1972	-0.0068	-0.0546	0.0745
42	6	0.400	5.99	0.00	0.2625	0.0528	0.1145	0.0012	-0.0009	0.0013	0.0747
43	2	0.400	14.96	-6.08	1.1063	-0.0086	0.0731	0.1799	0.0078	0.0419	0.0237
43	3	0.400	14.96	-3.04	1.1500	-0.0202	0.0718	0.0838	0.0036	0.0193	0.0084
43	4	0.400	14.97	0.00	1.1615	-0.0243	0.0679	-0.0126	-0.0006	0.0025	0.0023
43	5	0.400	14.97	3.06	1.1600	-0.0233	0.0671	-0.1096	-0.0037	-0.0262	0.0047
43	6	0.400	14.98	6.09	1.1109	-0.0159	0.0676	-0.2049	-0.0087	-0.0479	0.0137
43	7	0.400	14.98	0.00	1.1640	-0.0247	0.0680	-0.0144	0.0008	-0.0023	0.0022
44	3	0.400	-4.00	0.00	-0.7698	0.0383	0.1269	-0.0017	-0.0004	0.0010	0.0605
44	4	0.400	0.00	0.00	-0.3799	0.0643	0.1123	-0.0049	0.0003	0.0001	0.0866
44	5	0.400	1.99	0.00	-0.1827	0.0652	0.1031	-0.0038	-0.0002	0.0005	0.0873
44	6	0.400	3.99	0.00	0.0175	0.0587	0.0955	-0.0026	-0.0001	0.0006	0.0803
44	7	0.400	5.96	0.00	0.2258	0.0453	0.0863	-0.0031	-0.0006	0.0005	0.0671
44	8	0.400	7.97	0.00	0.4378	0.0250	0.0758	-0.0016	-0.0005	0.0006	0.0465
44	9	0.400	10.01	0.00	0.6520	-0.0026	0.0671	-0.0039	-0.0006	0.0006	0.0198
44	10	0.400	14.96	0.00	1.1339	-0.0337	0.0525	-0.0120	0.0016	-0.0026	0.0071
44	11	0.400	20.16	-0.00	1.5898	-0.0282	0.0437	0.0115	0.0009	-0.0023	0.0038
44	12	0.400	-0.00	0.00	-0.3707	0.0647	0.1122	-0.0014	0.0002	0.0008	0.0868
45	1	0.400	0.00	-6.06	-0.3651	0.0551	0.1021	0.1899	-0.0017	0.0446	0.0834
45	2	0.400	-0.00	-3.04	-0.3763	0.0599	0.1093	0.0977	-0.0008	0.0230	0.0850
45	3	0.400	0.00	0.00	-0.3810	0.0651	0.1117	-0.0031	-0.0000	0.0003	0.0868
45	4	0.400	0.00	3.04	-0.3732	0.0620	0.1089	-0.0095	0.0010	-0.0218	0.0860

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{A_F}	C_m	C_y	C_n	C_l	C_A
45	5	0.400	-0.00	6.06	-0.3601	0.0564	0.1015	-0.1920	0.0019	-0.0438	0.0845
45	6	0.400	-0.00	0.00	-0.3854	0.0645	0.1121	-0.0049	-0.0001	0.0002	0.0864
46	1	0.400	6.00	-6.08	0.2275	0.0339	0.0764	0.1968	0.0097	0.0531	0.0613
46	2	0.400	6.00	-3.05	0.2395	0.0402	0.0830	0.1007	0.0049	0.0270	0.0639
46	3	0.400	5.99	0.00	0.2350	0.0444	0.0859	-0.0013	-0.0003	0.0006	0.0660
46	4	0.400	6.00	3.05	0.2291	0.0429	0.0845	-0.0093	-0.0052	-0.0253	0.0655
46	5	0.400	6.00	6.08	0.2425	0.0378	0.0766	-0.1967	-0.0081	-0.0521	0.0631
46	6	0.400	5.99	0.00	0.2451	0.0439	0.0858	-0.0031	-0.0004	0.0005	0.0657
47	1	0.400	14.98	-6.09	1.0948	-0.0207	0.0533	0.1936	0.0124	0.0387	0.0120
47	2	0.400	14.97	-3.05	1.1166	-0.0305	0.0538	0.0933	0.0075	0.0183	-0.0013
47	3	0.400	14.98	0.00	1.1377	-0.0334	0.0520	-0.0102	-0.0017	-0.0025	-0.0068
47	4	0.400	14.98	3.06	1.1213	-0.0315	0.0504	-0.1159	-0.0050	-0.0254	-0.0038
47	5	0.400	14.98	6.09	1.0955	-0.0247	0.0521	-0.2080	-0.0117	-0.0447	0.0045
47	6	0.400	14.98	0.00	1.1339	-0.0333	0.0526	-0.0156	0.0017	-0.0029	-0.0062
48	1	0.400	-4.00	0.00	0.1088	0.0925	-0.0847	-0.0088	0.0017	-0.0029	0.1382
48	2	0.400	0.01	0.00	0.4884	0.0958	-0.1005	-0.0077	0.0011	-0.0024	0.1447
48	3	0.400	2.02	0.00	0.6921	0.0860	-0.1100	-0.0063	0.0014	-0.0026	0.1359
48	4	0.400	4.00	0.00	0.8818	0.0685	-0.1142	-0.0104	0.0010	-0.0023	0.1197
48	5	0.400	5.98	0.00	1.0550	0.0480	-0.1168	-0.0126	0.0012	-0.0017	0.1093
48	6	0.400	7.98	0.00	1.2393	0.0264	-0.1217	-0.0166	0.0021	-0.0021	0.0798
48	7	0.400	10.01	0.00	1.4366	0.0095	-0.1256	-0.0153	0.0024	-0.0016	0.0649
48	8	0.400	15.01	0.00	1.7276	0.0366	-0.0925	-0.0101	0.0010	-0.0032	0.0998
48	9	0.400	20.24	-0.00	2.0290	0.0564	-0.0747	-0.0080	0.0003	-0.0005	0.1297
48	10	0.400	0.01	0.00	0.4984	0.0964	-0.1017	-0.0059	0.0016	-0.0023	0.1450
49	1	0.400	-0.00	-6.06	0.4823	0.0879	-0.1075	0.1645	0.0081	0.0480	0.1381
49	2	0.400	-0.00	-3.04	0.4938	0.0952	-0.1029	0.0794	0.0055	0.0229	0.1437
49	3	0.400	0.00	0.00	0.5051	0.0962	-0.1018	-0.0077	0.0018	-0.0023	0.1451
49	4	0.400	0.00	3.04	0.4885	0.0943	-0.1025	-0.0827	-0.0026	-0.0270	0.1419

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
49	5	0.400	-0.00	6.06	0.4804	0.0863	-0.1060	-0.1757	-0.0048	-0.0525	0.1354
49	6	0.400	-0.00	0.00	0.5010	0.0962	-0.1014	-0.0078	0.0016	-0.0028	0.1454
50	1	0.400	6.00	-6.08	1.0604	0.0528	-0.1243	0.1712	0.0160	0.0439	0.1072
50	2	0.400	6.00	-3.05	1.0564	0.0486	-0.1204	0.0845	0.0090	0.0238	0.1010
50	3	0.400	6.00	0.00	1.0590	0.0479	-0.1173	-0.0091	0.0008	-0.0016	0.0995
50	4	0.400	6.00	3.05	1.0697	0.0507	-0.1212	-0.1001	-0.0068	-0.0265	0.1033
50	5	0.400	5.99	6.08	1.0588	0.0557	-0.1243	-0.1816	-0.0141	-0.0480	0.1102
50	6	0.400	6.00	0.00	1.0641	0.0490	-0.1170	-0.0108	0.0010	-0.0018	0.1001
51	1	0.400	14.94	-6.08	1.7202	0.0385	-0.1003	0.1630	0.0215	0.0145	0.1065
51	2	0.400	14.97	-3.05	1.7282	0.0373	-0.0961	0.0706	0.0126	0.0038	0.1025
51	3	0.400	14.98	0.00	1.7283	0.0357	-0.0930	-0.0136	0.0019	0.0030	0.0995
51	4	0.400	14.98	3.05	1.7199	0.0366	-0.0951	-0.0945	-0.0089	-0.0097	0.1018
51	5	0.400	14.94	6.09	1.6998	0.0404	-0.0970	-0.1811	-0.0193	-0.0184	0.1000
51	6	0.400	14.95	0.00	1.7232	0.0353	-0.0936	-0.0136	0.0016	-0.0028	0.0991
52	3	0.400	-3.99	0.00	0.1876	0.1419	-0.1010	-0.0051	0.0008	-0.0022	0.2011
52	4	0.400	-0.01	0.00	0.5571	0.1422	-0.1155	-0.0094	0.0012	-0.0040	0.2046
52	5	0.400	2.01	0.00	0.7680	0.1295	-0.1258	-0.0115	0.0014	-0.0044	0.1931
52	6	0.400	4.00	0.00	0.9599	0.1108	-0.1312	-0.0102	0.0013	-0.0046	0.1747
52	7	0.400	6.00	0.00	1.1688	0.0873	-0.1396	-0.0159	0.0026	-0.0054	0.1511
52	8	0.400	7.98	0.00	1.3551	0.0671	-0.1464	-0.0180	0.0033	-0.0051	0.1321
52	9	0.400	9.98	0.00	1.5484	0.0566	-0.1508	-0.0149	0.0034	-0.0032	0.1235
52	11	0.400	14.91	0.00	1.8007	0.0935	-0.1084	-0.0099	0.0000	-0.0027	0.1708
52	12	0.400	20.22	-0.00	2.0687	0.1113	-0.0866	-0.0116	-0.0009	-0.0002	0.1987
52	13	0.400	0.00	0.00	0.5654	0.1418	-0.1168	-0.0040	0.0010	-0.0030	0.2046
53	1	0.400	0.00	-6.06	0.5565	0.1306	-0.1214	0.1663	0.0092	0.0471	0.1921
53	2	0.400	-0.00	-3.04	0.5627	0.1394	-0.1179	0.0864	0.0045	0.0240	0.1999
53	3	0.400	-0.01	0.00	0.5806	0.1420	-0.1174	-0.0039	0.0015	-0.0027	0.2046
53	4	0.400	0.01	3.04	0.5778	0.1426	-0.1224	-0.0841	-0.0035	-0.0027	0.2051

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
53	5	0.400	0.00	6.07	0.5871	0.1347	-0.1286	-0.1712	-0.0075	-0.0499	0.1974
53	6	0.400	-0.03	0.00	0.5698	0.1424	-0.1178	-0.0057	0.0011	-0.0035	0.2052
54	1	0.400	5.99	-6.08	1.1286	0.0934	-0.1375	0.1735	0.0156	0.0439	0.1581
54	2	0.400	5.99	-3.05	1.1530	0.0898	-0.1412	0.0866	0.0081	0.0229	0.1540
54	3	0.400	5.98	0.00	1.1801	0.0874	-0.1409	-0.0105	0.0025	-0.0040	0.1508
54	4	0.400	6.00	3.05	1.1493	0.0910	-0.1375	-0.0104	-0.0058	-0.0090	0.1543
54	5	0.400	5.99	6.08	1.1139	0.0971	-0.1353	-0.0184	-0.0127	-0.0522	0.1619
54	6	0.400	5.99	0.00	1.1726	0.0883	-0.1417	-0.0104	0.0025	-0.0038	0.1515
55	1	0.400	15.03	-6.08	1.8039	0.0945	-0.1188	0.1655	0.0224	0.0103	0.1740
55	2	0.400	14.92	-3.05	1.8113	0.0914	-0.1134	0.0764	0.0111	0.0030	0.1686
55	3	0.400	15.02	0.00	1.8067	0.0907	-0.1118	-0.0116	0.0009	-0.0025	0.1680
55	4	0.400	14.95	3.06	1.7923	0.0921	-0.1123	-0.0944	-0.0108	-0.0073	0.1689
55	5	0.400	15.01	6.09	1.7882	0.0940	-0.1150	-0.0174	-0.0237	-0.0147	0.1739
55	6	0.400	14.97	0.00	1.7983	0.0916	-0.1107	-0.0080	-0.0001	-0.0012	0.1683
56	3	0.400	-3.99	0.00	-0.4599	0.0397	0.0868	-0.0003	-0.0013	0.0006	0.0635
56	4	0.400	-0.01	0.00	-0.0545	0.0578	0.0687	-0.0035	-0.0008	-0.0000	0.0822
56	5	0.400	1.99	0.00	0.1443	0.0565	0.0602	-0.0021	-0.0009	-0.0000	0.0815
56	6	0.400	4.01	0.00	0.3503	0.0493	0.0524	-0.0025	-0.0012	-0.0004	0.0757
56	7	0.400	6.97	0.00	0.5527	0.0344	0.0397	-0.0047	-0.0011	-0.0000	0.0629
56	9	0.400	7.98	0.00	0.7494	0.0136	0.0275	-0.0067	-0.0002	-0.0000	0.0431
56	10	0.400	9.98	0.00	0.9429	-0.0098	0.0176	-0.0124	-0.0002	-0.0010	0.0215
56	11	0.400	14.97	0.00	1.4033	-0.0264	0.0048	-0.0172	-0.0003	-0.0046	0.0116
56	12	0.400	20.23	-0.00	1.8056	-0.0150	0.0016	-0.0118	-0.0023	-0.0034	0.0298
56	13	0.400	-0.00	-0.00	-0.0541	0.0573	0.0682	0.0018	-0.0006	0.0001	0.0818
57	1	0.400	-0.00	-6.06	-0.0440	0.0460	0.0578	0.1926	-0.0028	0.0520	0.0748
57	2	0.400	0.00	-3.04	-0.0548	0.0545	0.0658	0.0987	-0.0018	0.0270	0.0803
57	3	0.400	0.00	0.00	-0.0497	0.0577	0.0680	-0.0017	-0.0005	0.0000	0.0823
57	4	0.400	0.00	3.04	-0.0519	0.0548	0.0653	-0.0959	-0.0002	-0.0261	0.0804

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
57	5	0.400	-0.00	6.07	-0.0427	0.0488	0.0573	-0.1938	0.0009	-0.0523	0.0764
57	6	0.400	-0.00	-0.00	-0.0495	0.0570	0.0677	0.0018	-0.0006	0.0003	0.0820
58	1	0.400	6.00	-6.08	0.5549	0.0265	0.0318	0.1998	0.0073	0.0572	0.0589
58	2	0.400	5.99	-3.05	0.5510	0.0316	0.0379	0.0954	0.0042	0.0289	0.0619
58	3	0.400	5.98	0.00	0.5463	0.0343	0.0401	0.0006	-0.0013	0.0005	0.0632
58	4	0.400	5.99	3.05	0.5531	0.0328	0.0367	-0.1007	-0.0064	-0.0297	0.0627
58	5	0.400	5.99	6.08	0.5433	0.0307	0.0316	-0.1980	-0.0079	-0.0579	0.0632
58	6	0.400	6.00	0.00	0.5551	0.0348	0.0398	-0.0047	-0.0015	-0.0001	0.0635
59	1	0.400	14.98	-6.08	1.3512	-0.0157	0.0098	0.1777	0.0076	0.0366	0.0257
59	2	0.400	14.97	-3.04	1.3861	-0.0225	0.0089	0.0796	0.0041	0.0140	0.0167
59	3	0.400	14.98	0.00	1.3991	-0.0258	0.0056	-0.0117	0.0003	0.0045	0.0125
59	4	0.400	14.98	3.05	1.3921	-0.0253	0.0045	-0.1051	-0.0051	-0.0221	0.0139
59	5	0.400	14.98	6.09	1.3599	-0.0161	0.0084	-0.1890	-0.0115	-0.0395	0.0248
59	6	0.400	14.97	0.00	1.4028	-0.0255	0.0053	-0.0135	0.0005	-0.0040	0.0125
60	3	0.400	-3.99	0.00	-0.4214	0.0492	0.1180	-0.0013	-0.0005	0.0007	0.0732
60	4	0.400	0.02	0.00	-0.0307	0.0670	0.0997	-0.0009	-0.0006	-0.0000	0.0928
60	5	0.400	2.03	0.00	0.1634	0.0629	0.0919	0.0005	-0.0008	0.0000	0.0889
60	6	0.400	4.01	0.00	0.3654	0.0597	0.0850	0.0018	-0.0014	-0.0000	0.0865
60	7	0.400	5.97	0.00	0.5545	0.0504	0.0669	-0.0017	-0.0008	-0.0000	0.0796
60	8	0.400	7.98	0.00	0.7617	0.0302	0.0498	-0.0055	-0.0010	-0.0002	0.0594
60	9	0.400	9.97	0.00	0.9684	0.0040	0.0335	-0.0093	-0.0001	-0.0004	0.0354
60	10	0.400	14.98	0.00	1.4202	-0.0142	0.0130	-0.0192	0.0003	-0.0051	0.0231
60	11	0.400	20.23	-0.00	1.8210	-0.0052	0.0108	0.0098	-0.0019	-0.0037	0.0394
60	12	0.400	-0.03	0.00	-0.0405	0.0659	0.1002	0.0008	-0.0003	0.0002	0.0916
61	1	0.400	0.04	-6.06	-0.0111	0.0535	0.0883	0.1964	-0.0039	0.0565	0.0819
61	2	0.400	-0.02	-3.04	-0.0319	0.0625	0.0965	0.0993	-0.0030	0.0288	0.0896
61	3	0.400	-0.00	0.00	-0.0357	0.0659	0.0991	-0.0026	-0.0005	0.0001	0.0918
61	4	0.400	-0.00	3.04	-0.0388	0.0637	0.0963	-0.1003	0.0014	-0.0285	0.0903

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
61	5	0.400	0.03	6.06	-0.0152	0.0567	0.0873	-0.1939	0.0029	-0.0560	0.0844
61	6	0.400	0.00	-0.00	-0.0311	0.0662	0.0988	0.0025	-0.0007	0.0004	0.0919
62	2	0.400	6.01	-6.08	0.5779	0.0390	0.0569	0.1924	0.0040	0.0608	0.0711
62	3	0.400	5.98	-3.05	0.5651	0.0461	0.0625	0.0944	0.0029	0.0300	0.0762
62	4	0.400	6.02	0.00	0.5523	0.0497	0.0666	-0.0035	-0.0006	-0.0009	0.0782
62	5	0.400	5.96	3.05	0.5558	0.0486	0.0631	-0.0997	-0.0037	-0.0310	0.0783
62	7	0.400	6.05	6.08	0.5690	0.0430	0.0583	-0.1947	-0.0047	-0.0599	0.0758
62	8	0.400	5.96	0.00	0.5470	0.0500	0.0663	-0.0035	-0.0009	-0.0006	0.0789
63	1	0.400	15.01	-6.08	1.3741	-0.0042	0.0249	0.1825	0.0074	0.0359	0.0370
63	2	0.400	15.01	-3.04	1.3932	-0.0091	0.0184	0.0795	0.0038	0.0130	0.0296
63	3	0.400	14.94	0.00	1.4041	-0.0143	0.0135	-0.0192	0.0000	-0.0050	0.0232
63	4	0.400	14.94	3.06	1.4109	-0.0141	0.0184	-0.1094	-0.0037	-0.0211	0.0246
63	5	0.400	14.93	6.09	1.3667	-0.0090	0.0225	-0.2041	-0.0088	-0.0413	0.0314
63	6	0.400	14.94	0.00	1.4138	-0.0154	0.0162	-0.0157	0.0004	-0.0040	0.0221

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
67	3	0.000	0.00	-0.00	-0.0000	0.0015	-0.0000	-0.0000	0.0000	0.0000	0.0064
67	4	0.000	0.00	-0.00	-0.0000	0.0030	-0.0000	-0.0000	0.0000	0.0000	0.0156
67	5	0.000	0.00	-0.00	-0.0000	0.0055	-0.0001	-0.0000	0.0000	0.0000	0.0221
67	6	0.000	0.00	-0.00	-0.0000	0.0061	-0.0001	-0.0000	0.0000	0.0000	0.0257
67	7	0.000	0.00	0.00	0.0079	0.0076	-0.0010	0.0000	0.0000	0.0000	0.0303
67	8	0.000	0.00	0.00	0.0079	0.0112	-0.0011	-0.0031	0.0003	0.0000	0.0377
68	2	0.400	-3.98	0.00	-0.4967	0.0593	0.0608	-0.0011	-0.0003	0.0005	0.1205
68	3	0.400	0.01	0.00	-0.0851	0.0780	0.0406	-0.0025	0.0001	0.0002	0.1396
68	4	0.400	2.01	0.00	0.1208	0.0741	0.0299	-0.0029	0.0002	-0.0005	0.1366
68	5	0.400	3.98	0.00	0.3202	0.0619	0.0211	-0.0015	0.0000	-0.0002	0.1257
68	6	0.400	6.01	0.00	0.5292	0.0448	0.0119	-0.0020	-0.0004	-0.0006	0.1097
68	7	0.400	7.98	0.00	0.7328	0.0197	0.0016	-0.0042	-0.0007	-0.0007	0.0861
68	8	0.400	10.02	0.00	0.9454	-0.0043	-0.0062	-0.0063	0.0001	-0.0004	0.0627
68	9	0.400	14.96	0.00	1.4017	-0.0113	-0.0128	-0.0113	0.0008	-0.0046	0.0588
68	10	0.400	20.19	-0.00	1.7764	0.0070	-0.0064	0.0175	-0.0019	-0.0002	0.0864
68	11	0.400	-0.02	0.00	-0.0895	0.0780	0.0410	-0.0007	0.0000	-0.0001	0.1393
69	3	0.400	0.00	-6.06	-0.0712	0.0620	0.0299	0.1857	0.0004	0.0491	0.1304
69	4	0.400	0.00	-3.04	-0.0877	0.0709	0.0380	0.0928	0.0006	0.0249	0.1366
69	5	0.400	-0.00	0.00	-0.0918	0.0740	0.0411	-0.0080	0.0004	-0.0003	0.1392
69	6	0.400	-0.00	3.04	-0.0895	0.0724	0.0371	-0.0998	0.0003	-0.0028	0.1375
69	7	0.400	-0.00	6.07	-0.0804	0.0635	0.0291	-0.1979	-0.0002	-0.0493	0.1325
69	8	0.400	0.00	0.00	-0.0818	0.0748	0.0408	-0.0044	0.0003	0.0000	0.1391
70	1	0.400	6.00	-6.08	0.5404	0.0313	0.0011	0.1918	0.0102	0.0554	0.1036
70	2	0.400	5.98	-3.05	0.5342	0.0373	0.0087	0.0940	0.0061	0.0277	0.1058
70	3	0.400	5.99	0.00	0.5263	0.0399	0.0115	-0.0019	-0.0002	-0.0000	0.1077
70	4	0.400	5.99	3.05	0.5328	0.0407	0.0088	-0.1066	-0.0064	-0.0290	0.1076
70	5	0.400	5.98	6.08	0.5378	0.0389	0.0021	-0.2054	-0.0088	-0.0564	0.1082
70	6	0.400	6.00	0.00	0.5290	0.0397	0.0117	-0.0038	-0.0005	-0.0003	0.1071

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
71	1	0.400	14.99	-6.09	1.3451	-0.0100	-0.0093	0.1883	0.0139	0.0320	0.0713
71	2	0.400	14.97	-3.04	1.3672	-0.0141	-0.0149	0.0772	0.0070	0.0117	0.0655
71	3	0.400	14.98	0.00	1.3839	-0.0181	-0.0137	0.0149	0.0009	0.0117	0.0586
71	4	0.400	14.98	3.06	1.3807	-0.0170	-0.0129	-0.1097	-0.0061	-0.0206	0.0587
71	5	0.400	14.98	6.09	1.3432	-0.0084	-0.0092	-0.2094	-0.0137	-0.0371	0.0673
71	6	0.400	14.98	0.00	1.3890	-0.0178	-0.0131	-0.0168	0.0006	-0.0049	0.0590
72	3	0.400	-0.00	0.00	-0.0789	0.0548	0.0373	-0.0006	0.0000	-0.0000	0.0813
72	4	0.400	-0.00	0.00	-0.0735	0.0548	0.0375	-0.0043	0.0003	-0.0000	0.0816
72	6	0.400	-0.01	0.00	-0.0782	0.0542	0.0380	-0.0025	0.0001	-0.0003	0.0800
72	7	0.400	0.00	0.00	-0.0734	0.0550	0.0374	-0.0025	0.0001	-0.0000	0.0809
73	1	0.400	5.99	-6.08	0.5308	0.0157	0.0017	0.1973	0.0099	0.0548	0.0484
73	2	0.400	5.99	-3.05	0.5338	0.0189	0.0082	0.0976	0.0062	0.0274	0.0498
73	3	0.400	5.99	-0.00	0.5403	0.0228	0.0102	0.0016	-0.0003	0.0000	0.0521
73	4	0.400	6.00	3.05	0.5298	0.0225	0.0089	-0.1014	-0.0065	-0.0284	0.0516
73	5	0.400	5.99	6.08	0.5232	0.0208	0.0024	-0.2019	-0.0100	-0.0557	0.0519
73	6	0.400	5.99	0.00	0.5296	0.0242	0.0113	-0.0019	-0.0004	-0.0001	0.0531
74	5	0.700	-3.99	0.00	-0.5295	0.0355	0.0683	0.0006	-0.0005	-0.0000	0.0574
74	6	0.700	0.00	0.00	-0.0954	0.0558	0.0440	0.0002	-0.0004	-0.0005	0.0793
74	7	0.700	2.00	0.00	0.1330	0.0532	0.0315	0.0008	-0.0003	-0.0006	0.0778
74	8	0.700	3.99	0.00	0.3563	0.0437	0.0201	0.0015	-0.0007	-0.0010	0.0699
74	9	0.700	6.00	0.00	0.5746	0.0284	0.0066	0.0023	-0.0013	-0.0007	0.0562
74	10	0.700	7.97	0.00	0.7843	0.0130	-0.0059	-0.0001	-0.0012	-0.0007	0.0423
74	11	0.700	10.00	0.00	0.9666	0.0118	-0.0062	-0.0028	-0.0001	-0.0009	0.0436
74	12	0.700	14.96	0.00	1.3130	0.0277	0.0003	-0.0052	-0.0009	-0.0013	0.0688
74	13	0.700	20.28	0.00	1.6166	0.0465	0.0214	0.0060	-0.0029	0.0012	0.1017
74	14	0.700	0.00	-0.00	-0.0891	0.0561	0.0436	0.0024	-0.0003	-0.0005	0.0794
75	3	0.700	-0.00	-6.11	-0.0773	0.0441	0.0316	0.1985	-0.0014	0.0533	0.0706
75	4	0.700	0.00	-3.06	-0.0911	0.0522	0.0405	0.0992	-0.0007	0.0266	0.0761

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
75	5	0.700	-0.00	0.00	-0.0900	0.0555	0.0434	-0.0052	0.0001	-0.0007	0.0787
75	6	0.700	0.00	3.07	-0.0924	0.0528	0.0409	-0.1128	0.0006	-0.0283	0.0770
75	7	0.700	-0.00	6.12	-0.0811	0.0450	0.0306	-0.2135	0.0015	-0.0554	0.0713
75	8	0.700	-0.00	0.00	-0.0923	0.0559	0.0442	-0.0063	0.0000	-0.0008	0.0789
76	1	0.700	5.99	-6.15	0.5682	0.0302	0.0012	0.2091	0.0089	0.0541	0.0611
76	2	0.700	5.99	-3.08	0.5670	0.0275	0.0042	0.1036	0.0044	0.0287	0.0558
76	3	0.700	6.00	0.00	0.5692	0.0287	0.0067	-0.0042	-0.0013	-0.0013	0.0560
76	4	0.700	5.99	3.09	0.5694	0.0289	0.0049	-0.1117	-0.0064	-0.0304	0.0570
76	5	0.700	5.99	6.15	0.5552	0.0322	0.0037	-0.2167	-0.0098	-0.0556	0.0637
76	6	0.700	5.99	0.00	0.5669	0.0284	0.0067	-0.0020	-0.0016	-0.0006	0.0558
77	1	0.700	14.98	-6.15	1.2918	0.0302	0.0033	0.1921	0.0182	0.0220	0.0778
77	2	0.700	14.96	-3.07	1.3175	0.0274	0.0035	0.0823	0.0087	0.0072	0.0701
77	3	0.700	14.98	0.00	1.3069	0.0270	0.0003	-0.0095	-0.0004	-0.0013	0.0680
77	4	0.700	14.98	3.09	1.3115	0.0298	0.0035	-0.1035	-0.0096	-0.0110	0.0731
77	5	0.700	14.99	6.16	1.2743	0.0313	0.0025	-0.2063	-0.0211	-0.0250	0.0782
77	6	0.700	14.97	0.00	1.3097	0.0272	0.0001	-0.0096	-0.0006	-0.0011	0.0681
78	6	0.800	-4.01	0.00	-0.6064	0.0353	0.0829	-0.0024	-0.0007	0.0001	0.0562
78	7	0.800	-0.00	0.00	-0.1171	0.0565	0.0505	-0.0038	-0.0001	-0.0005	0.0797
78	8	0.800	1.99	0.00	0.1186	0.0546	0.0361	-0.0033	-0.0001	-0.0011	0.0794
78	9	0.800	4.02	0.00	0.3610	0.0460	0.0202	-0.0026	-0.0005	-0.0013	0.0726
78	10	0.800	5.99	0.00	0.5963	0.0321	0.0017	-0.0020	-0.0019	-0.0007	0.0601
78	11	0.800	7.95	0.00	0.8184	0.0196	-0.0153	-0.0061	-0.0008	-0.0020	0.0491
78	12	0.800	10.00	0.00	0.9708	0.0275	-0.0098	-0.0106	-0.0003	-0.0035	0.0600
78	13	0.800	14.95	0.00	1.2690	0.0520	0.0067	-0.0050	0.0002	-0.0001	0.0974
78	14	0.800	20.32	0.00	1.5596	0.0663	0.0339	-0.0027	-0.0028	0.0015	0.1302
78	15	0.800	0.00	0.00	-0.1186	0.0563	0.0509	-0.0018	-0.0000	-0.0007	0.0800
79	1	0.800	0.00	-6.14	-0.0904	0.0462	0.0365	0.2154	-0.0040	0.0577	0.0730
79	2	0.800	-0.01	-3.08	-0.1146	0.0537	0.0472	0.1096	-0.0017	0.0284	0.0779

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
79	3	0.800	-0.00	0.00	-0.1160	0.0564	0.0506	-0.0048	-0.0001	-0.0003	0.0800
79	4	0.800	-0.00	3.08	-0.1165	0.0541	0.0467	-0.1111	0.0012	-0.0293	0.0788
79	5	0.800	-0.00	6.14	-0.0921	0.0463	0.0349	-0.2211	0.0034	-0.0593	0.0733
79	6	0.800	-0.00	0.00	-0.1131	0.0567	0.0506	-0.0058	-0.0000	-0.0010	0.0802
80	1	0.800	5.99	-6.17	0.5681	0.0406	0.0018	0.2138	0.0083	0.0511	0.0726
80	3	0.800	5.99	-3.09	0.5906	0.0354	0.0016	0.1145	0.0021	0.0289	0.0643
80	4	0.800	6.00	0.00	0.6025	0.0321	0.0015	0.0177	-0.0017	-0.0006	0.0603
80	5	0.800	6.00	3.10	0.5872	0.0356	0.0003	-0.1177	-0.0042	-0.0324	0.0647
80	6	0.800	6.00	6.17	0.5639	0.0426	0.0037	-0.2140	-0.0109	-0.0523	0.0754
80	7	0.800	5.98	0.00	0.5955	0.0323	0.0021	0.0008	-0.0020	-0.0009	0.0605
81	1	0.800	14.98	-6.19	1.2711	0.0526	0.0046	0.2089	0.0200	0.0248	0.1041
81	2	0.800	14.97	-3.09	1.2834	0.0518	0.0080	0.0963	0.0090	0.0113	0.0986
81	3	0.800	14.98	0.00	1.2768	0.0527	0.0065	-0.0051	-0.0004	-0.0002	0.0979
81	5	0.800	14.93	3.10	1.2727	0.0534	0.0076	-0.1021	-0.0121	-0.0108	0.1012
81	6	0.800	14.98	6.20	1.2495	0.0549	0.0043	-0.2120	-0.0252	-0.0240	0.1062
81	7	0.800	14.97	0.00	1.2779	0.0524	0.0058	-0.0031	-0.0004	-0.0000	0.0976
82	4	1.000	-3.98	-0.00	-0.6118	0.1713	0.1018	0.0055	-0.0021	0.0011	0.2295
82	5	1.000	-0.01	0.00	-0.1335	0.1755	0.0626	0.0020	-0.0012	-0.0007	0.2321
82	6	1.000	1.98	0.00	0.0948	0.1737	0.0485	0.0015	-0.0008	-0.0011	0.2312
82	7	1.000	4.01	0.00	0.3190	0.1678	0.0374	0.0012	-0.0007	-0.0020	0.2276
82	8	1.000	6.01	0.00	0.5483	0.1604	0.0283	-0.0000	-0.0009	-0.0025	0.2234
82	9	1.000	7.98	0.00	0.7638	0.1500	0.0191	0.0010	-0.0018	-0.0016	0.2166
82	10	1.000	9.99	0.00	0.9810	0.1396	0.0112	0.0014	-0.0026	-0.0007	0.2102
82	11	1.000	15.00	0.00	1.4835	0.1205	0.0063	0.0000	-0.0021	-0.0007	0.2010
82	12	1.000	20.52	0.01	1.8934	0.1043	0.0416	-0.0150	0.0015	-0.0037	0.1907
82	13	1.000	-0.01	-0.00	-0.1368	0.1760	0.0631	0.0028	-0.0010	-0.0007	0.2328
83	1	1.000	-0.01	-6.18	-0.1298	0.1698	0.0538	0.2508	-0.0105	0.0620	0.2301
83	2	1.000	-0.02	-3.10	-0.1303	0.1733	0.0605	0.1299	-0.0057	0.0310	0.2309

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
83	3	1.000	-0.00	0.00	-0.1365	0.1750	0.0628	0.0020	-0.0009	-0.0008	0.2314
83	4	1.000	0.00	3.10	0.1307	0.1736	0.0588	-0.1235	0.0036	-0.0318	0.2298
83	5	1.000	-0.01	6.18	-0.1185	0.1700	0.0501	-0.2497	0.0076	-0.0630	0.2292
83	6	1.000	-0.00	0.00	-0.1342	0.1756	0.0625	0.0004	-0.0008	-0.0007	0.2321
84	1	1.000	5.99	-6.23	0.5472	0.1584	0.0201	0.2694	-0.0002	0.0642	0.2256
84	2	1.000	6.00	-3.12	0.5450	0.1579	0.0262	0.1377	-0.0011	0.0319	0.2220
84	3	1.000	5.99	0.00	0.5424	0.1602	0.0279	-0.0050	-0.0007	-0.0028	0.2236
84	4	1.000	5.99	3.14	0.5336	0.1577	0.0272	-0.1444	-0.0023	-0.0363	0.2211
84	5	1.000	6.01	6.25	0.5187	0.1566	0.0200	-0.2850	-0.0031	-0.0666	0.2242
84	6	1.000	5.99	0.00	0.5412	0.1580	0.0282	-0.0066	-0.0009	-0.0027	0.2212
85	1	1.000	14.98	-6.26	1.4670	0.1179	0.0037	0.2059	0.0386	0.0252	0.1973
85	2	1.000	14.97	-3.13	1.4719	0.1187	0.0073	0.0924	0.0205	0.0082	0.1990
85	3	1.000	14.98	0.01	1.4565	0.1191	0.0067	-0.0139	-0.0022	-0.0006	0.1994
85	4	1.000	14.97	3.15	1.4653	0.1198	0.0067	-0.1066	-0.0244	-0.0124	0.2009
85	5	1.000	14.97	6.27	1.4552	0.1207	0.0055	-0.2084	-0.0450	-0.0262	0.2007
85	6	1.000	14.98	0.00	1.4860	0.1205	0.0051	-0.0015	-0.0025	-0.0005	0.2013
86	7	1.100	-4.00	0.00	-0.5815	0.1795	0.0943	0.0014	-0.0024	0.0010	0.2350
86	8	1.100	-0.01	0.00	-0.1406	0.1852	0.0595	-0.0027	-0.0018	-0.0004	0.2392
86	9	1.100	2.01	0.00	0.0753	0.1835	0.0469	-0.0032	-0.0016	-0.0011	0.2388
86	10	1.100	4.01	0.01	0.2869	0.1792	0.0367	-0.0067	-0.0020	-0.0016	0.2371
86	11	1.100	6.00	0.01	0.5023	0.1735	0.0271	-0.0079	-0.0018	-0.0021	0.2355
86	12	1.100	7.98	0.01	0.7093	0.1653	0.0183	-0.0075	-0.0019	-0.0022	0.2317
86	13	1.100	10.01	0.01	0.9150	0.1576	0.0092	-0.0033	-0.0034	-0.0027	0.2291
86	14	1.100	15.01	0.01	1.3901	0.1377	0.0043	-0.0107	-0.0013	-0.0022	0.2181
86	15	1.100	20.50	0.01	1.8914	0.1162	0.0167	-0.0087	-0.0017	-0.0008	0.1981
86	16	1.100	0.00	0.00	-0.1334	0.1848	0.0594	-0.0004	-0.0017	-0.0003	0.2393
87	1	1.100	-0.02	-6.19	-0.1238	0.1805	0.0504	0.2352	-0.0048	0.0569	0.2381
87	2	1.100	-0.03	-3.10	-0.1370	0.1834	0.0573	0.1214	-0.0035	0.0289	0.2389

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
87	3	1.100	-0.00	0.00	-0.1406	0.1852	0.0595	-0.0004	-0.0018	-0.0003	0.2396
87	4	1.100	-0.00	3.11	-0.1309	0.1843	0.0560	-0.0124	-0.0000	-0.0302	0.2394
87	5	1.100	-0.00	6.20	-0.1234	0.1803	0.0479	-0.0242	-0.0013	-0.0582	0.2386
87	6	1.100	-0.01	0.00	-0.1380	0.1849	0.0594	-0.0004	-0.0020	-0.0002	0.2395
88	1	1.100	6.00	-6.25	0.5048	0.1716	0.0166	0.2639	0.0029	0.0609	0.2392
88	2	1.100	6.00	3.13	0.5024	0.1713	0.0246	0.1322	0.0001	0.0302	0.2350
88	3	1.100	6.00	0.00	0.5026	0.1722	0.0267	-0.0055	-0.0016	0.0020	0.2349
88	4	1.100	5.99	3.15	0.5014	0.1737	0.0237	-0.0142	-0.0044	-0.0343	0.2381
88	5	1.100	5.99	6.27	0.5004	0.1732	0.0151	-0.0273	-0.0079	-0.0629	0.2411
88	6	1.100	5.99	0.00	0.5033	0.1726	0.0268	-0.0055	-0.0018	-0.0020	0.2357
89	1	1.100	14.97	-6.29	1.3800	0.1386	-0.0008	0.2432	0.0320	0.0336	0.2171
89	2	1.100	14.96	-3.14	1.3884	0.1374	0.0020	0.1090	0.0169	0.0129	0.2175
89	3	1.100	14.97	0.01	1.3875	0.1382	0.0043	-0.0123	-0.0017	-0.0024	0.2184
89	4	1.100	14.97	3.17	1.3844	0.1390	0.0025	-0.0127	-0.0220	-0.0164	0.2195
89	5	1.100	14.98	6.32	1.3645	0.1403	0.0009	-0.0279	-0.0387	-0.0352	0.2198
89	6	1.100	14.97	0.01	1.3864	0.1384	0.0041	-0.0107	-0.0018	-0.0023	0.2185
90	3	0.900	-4.00	0.00	-0.5789	0.0799	0.0852	-0.0017	-0.0028	0.0019	0.1082
90	4	0.900	0.01	0.00	-0.1397	0.0846	0.0613	-0.0073	-0.0005	-0.0001	0.1097
90	5	0.900	2.00	0.01	0.0735	0.0805	0.0495	-0.0174	0.0017	-0.0038	0.1058
90	6	0.900	3.99	0.00	0.3113	0.0755	0.0244	-0.0157	0.0014	-0.0042	0.1013
90	7	0.900	6.00	0.01	0.5464	0.0666	0.0076	-0.0153	-0.0005	-0.0035	0.0932
90	8	0.900	8.00	0.01	0.7566	0.0658	-0.0031	-0.0229	0.0018	-0.0058	0.0958
90	9	0.900	9.99	0.01	0.8785	0.0647	0.0107	-0.0122	-0.0015	-0.0014	0.0985
90	10	0.900	14.97	0.01	1.2211	0.0824	0.0253	-0.0152	-0.0007	-0.0005	0.1347
90	11	0.900	20.37	0.00	1.5538	0.0864	0.0456	-0.0071	-0.0018	-0.0007	0.1583
90	12	0.900	0.00	0.00	-0.1474	0.0823	0.0619	-0.0100	-0.0006	-0.0002	0.1081
91	1	0.900	-0.00	-6.15	-0.1293	0.0780	0.0522	0.2036	-0.0024	0.0515	0.1100
91	2	0.900	-0.00	-3.08	-0.1410	0.0818	0.0591	0.0977	-0.0001	0.0248	0.1083

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_y	C_n	C_l	C_A
91	3	0.900	-0.01	0.00	-0.1473	0.0843	0.0614	-0.0099	-0.0003	-0.0000	0.1096
91	4	0.900	-0.01	3.09	-0.1414	0.0816	0.0569	-0.1208	0.0011	-0.0273	0.1083
91	5	0.900	-0.00	6.17	-0.1252	0.0761	0.0480	-0.2328	0.0040	-0.0553	0.1083
91	6	0.900	-0.00	0.01	-0.1450	0.0840	0.0616	-0.0127	-0.0004	-0.0003	0.1091
92	1	0.900	5.98	-6.17	0.5412	0.0670	0.0062	0.1914	0.0118	0.0417	0.0987
92	2	0.900	5.99	-3.09	0.5316	0.0674	0.0097	0.0891	0.0059	0.0176	0.0960
92	3	0.900	5.97	0.01	0.5421	0.0667	0.0077	-0.0143	-0.0001	-0.0039	0.0935
92	4	0.900	5.98	3.11	0.5318	0.0698	0.0083	-0.1233	-0.0051	-0.0267	0.0983
92	5	0.900	5.98	6.19	0.5233	0.0723	0.0113	-0.2018	-0.0167	-0.0410	0.1043
92	6	0.900	5.99	0.01	0.5377	0.0677	0.0090	-0.0170	-0.0004	-0.0041	0.0944
93	1	0.900	14.98	-6.22	1.2002	0.0821	0.0211	0.2221	0.0195	0.0363	0.1397
93	2	0.900	14.94	-3.10	1.2254	0.0808	0.0252	0.0987	0.0076	0.0182	0.1348
93	3	0.900	14.96	0.01	1.2178	0.0803	0.0251	-0.0170	-0.0008	-0.0007	0.1334
93	4	0.900	14.99	3.13	1.2103	0.0819	0.0225	-0.1283	-0.0110	-0.0195	0.1362
93	5	0.900	14.98	6.24	1.1683	0.0877	0.0207	-0.2346	-0.0297	-0.0313	0.1439
93	6	0.900	14.96	0.01	1.2166	0.0796	0.0243	-0.0178	-0.0009	-0.0010	0.1328
94	3	0.400	-4.00	-0.00	-0.9524	0.0599	0.1731	0.0048	-0.0011	0.0013	0.0884
94	4	0.400	0.00	-0.00	-0.5971	0.0905	0.1665	0.0034	-0.0005	-0.0000	0.1188
94	5	0.400	2.00	-0.00	-0.4187	0.0940	0.1626	0.0009	-0.0003	-0.0000	0.1214
94	6	0.400	3.96	0.00	-0.2242	0.0917	0.1616	-0.0052	0.0002	-0.0016	0.1182
94	7	0.400	5.98	0.00	-0.0341	0.0820	0.1560	-0.0060	0.0002	-0.0019	0.1082
94	8	0.400	7.98	0.00	0.1746	0.0646	0.1453	-0.0062	0.0002	-0.0013	0.1009
94	9	0.400	9.99	0.00	0.3833	0.0406	0.1366	-0.0102	-0.0005	-0.0019	0.0667
94	10	0.400	14.99	0.00	0.8914	-0.0053	0.1181	-0.0219	-0.0020	-0.0049	0.0221
94	11	0.400	20.20	-0.00	1.3597	-0.0084	0.1026	-0.0034	0.0024	-0.0049	0.0213
94	12	0.400	-0.00	-0.00	-0.6000	0.0901	0.1675	0.0034	-0.0005	0.0001	0.1182
95	1	0.400	-0.00	-6.06	-0.5944	0.0830	0.1584	0.1871	-0.0017	0.0387	0.1168
95	2	0.400	-0.00	-3.04	-0.5917	0.0881	0.1640	0.1045	-0.0024	0.0219	0.1202

TABLE III
BODY AXIS AERODYNAMIC COEFFICIENTS

Run	Pt	M	α	β	C_N	C_{AF}	C_m	C_Y	C_n	C_l	C_A
95	3	0.400	-0.00	-0.00	-0.6021	0.0900	0.1663	0.0017	-0.0003	0.0002	0.1189
95	4	0.400	-0.00	3.04	-0.5988	0.0887	0.1649	-0.0963	0.0021	-0.0217	0.1192
95	5	0.400	0.00	6.06	-0.5930	0.0824	0.1591	-0.1856	0.0025	-0.0401	0.1165
95	6	0.400	0.00	0.00	-0.6006	0.0914	0.1677	-0.0000	-0.0004	-0.0004	0.1198
96	1	0.400	5.99	-6.08	-0.0427	0.0733	0.1475	0.1894	0.0087	0.0472	0.1048
96	2	0.400	5.99	-3.05	-0.0397	0.0788	0.1536	0.0948	0.0037	0.0236	0.1077
96	3	0.400	5.99	0.00	-0.0296	0.0814	0.1562	-0.0078	0.0009	-0.0017	0.1085
96	4	0.400	5.99	3.05	-0.0508	0.0808	0.1548	-0.1078	-0.0035	-0.0267	0.1090
96	5	0.400	5.99	6.08	-0.0509	0.0750	0.1480	-0.2005	-0.0067	-0.0505	0.1066
96	6	0.400	5.99	0.00	-0.0296	0.0816	0.1559	-0.0096	-0.0006	-0.0019	0.1082
97	1	0.400	14.98	-6.09	0.8477	0.0095	0.1216	0.1902	0.0150	0.0395	0.0406
97	3	0.400	14.97	-3.05	0.8728	-0.0018	0.1199	0.0858	0.0077	0.0184	0.0270
97	4	0.400	14.99	0.00	0.8799	-0.0069	0.1181	-0.0218	0.0023	-0.0057	0.0211
97	5	0.400	14.98	3.06	0.8730	-0.0060	0.1162	-0.1297	-0.0024	-0.0304	0.0227
97	6	0.400	14.97	6.10	0.8452	0.0002	0.1165	-0.2244	-0.0110	-0.0510	0.0312
97	7	0.400	14.96	0.00	0.8764	-0.0064	0.1187	-0.0218	0.0020	-0.0049	0.0214

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
6	15	0.400	0.00	0.00	-0.0836	0.0815	-1.0261	0.0267	0.0184	0.0083
6	16	0.400	0.00	0.00	-0.0834	0.0879	-0.9493	0.0314	0.0218	0.0096
6	17	0.400	0.00	0.00	-0.0937	0.0936	-1.0011	0.0356	0.0249	0.0107
6	18	0.400	0.00	0.00	-0.0846	0.0869	-0.9730	0.0305	0.0212	0.0093
6	19	0.400	0.00	0.00	-0.0841	0.0956	-0.8792	0.0363	0.0253	0.0109
6	20	0.400	0.00	0.00	-0.0788	0.1004	-0.7842	0.0394	0.0276	0.0118
6	21	0.400	0.00	0.00	-0.0934	0.1046	-0.8930	0.0415	0.0290	0.0124
6	22	0.400	0.00	0.00	-0.0875	0.1088	-0.8047	0.0435	0.0304	0.0130
6	23	0.400	0.01	0.00	-0.0823	0.1136	-0.7250	0.0464	0.0325	0.0139
6	24	0.400	0.00	0.00	-0.0930	0.1188	-0.7824	0.0489	0.0341	0.0147
6	25	0.400	0.00	0.00	-0.0918	0.1250	-0.7348	0.0526	0.0364	0.0161
6	26	0.400	0.01	0.00	-0.0975	0.1326	-0.7355	0.0574	0.0396	0.0178
6	27	0.400	0.00	0.00	-0.1022	0.1380	-0.7408	0.0605	0.0415	0.0190
6	28	0.400	0.01	0.00	-0.0927	0.1444	-0.6418	0.0649	0.0447	0.0202
6	29	0.400	0.01	0.00	-0.0974	0.1519	-0.6413	0.0698	0.0479	0.0218
6	30	0.400	0.02	0.00	-0.0866	0.1571	-0.5513	0.0730	0.0505	0.0225
6	31	0.400	0.02	0.00	-0.0977	0.1636	-0.5974	0.0778	0.0539	0.0238
6	32	0.400	0.01	0.00	-0.0889	0.0782	-1.1375	0.0244	0.0163	0.0081
7	2	0.400	-3.97	0.00	-0.4860	0.0928	-5.2368	0.0236	0.0158	0.0077
7	3	0.400	0.01	0.00	-0.0794	0.0804	-0.9879	0.0251	0.0167	0.0083
7	4	0.400	2.02	0.00	0.1199	0.0818	1.4649	0.0257	0.0170	0.0086
7	5	0.400	3.98	0.00	0.3069	0.0900	3.4081	0.0269	0.0178	0.0090
7	6	0.400	6.01	0.00	0.5131	0.1068	4.8007	0.0285	0.0190	0.0095
7	7	0.400	7.99	0.00	0.7080	0.1310	5.4019	0.0297	0.0196	0.0100
7	8	0.400	10.01	0.00	0.9069	0.1690	5.3661	0.0317	0.0210	0.0107
7	9	0.400	14.99	0.00	1.3359	0.3617	3.6931	0.0383	0.0253	0.0129
7	10	0.400	20.18	0.00	1.6601	0.6350	2.6142	0.0447	0.0297	0.0150
7	11	0.400	0.00	0.00	-0.0892	0.0789	-1.1304	0.0245	0.0163	0.0081
8	1	0.400	-0.01	-6.06	-0.0736	0.0713	-1.0316	0.0281	0.0185	0.0096
8	2	0.400	0.01	-3.04	-0.0795	0.0777	-1.0230	0.0256	0.0169	0.0087

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{A_B}	C_{A_H}	C_{A_E}
8	3	0.400	0.01	0.00	-0.0792	0.0790	-1.0028	0.0244	0.0162	0.0081
8	4	0.400	-0.01	3.04	-0.0865	0.0775	-1.1157	0.0250	0.0168	0.0081
8	5	0.400	0.01	6.06	-0.0723	0.0725	-0.9965	0.0266	0.0180	0.0086
8	6	0.400	0.01	0.00	-0.0789	0.0799	-0.9881	0.0245	0.0164	0.0081
10	3	0.400	0.00	0.00	-0.0789	0.0823	-0.9585	0.0261	0.0177	0.0083
10	4	0.400	0.00	0.00	-0.0742	0.0824	-0.9005	0.0264	0.0180	0.0084
10	5	0.400	0.00	0.00	-0.0794	0.0878	-0.9042	0.0307	0.0207	0.0099
10	6	0.400	-0.01	0.00	-0.0888	0.0948	-0.9369	0.0349	0.0237	0.0112
10	7	0.400	0.00	0.00	-0.0741	0.0991	-0.7473	0.0380	0.0258	0.0121
10	8	0.400	0.00	0.00	-0.0789	0.1040	-0.7586	0.0404	0.0274	0.0130
11	3	0.000	0.00	0.00	0.0000	0.0000	-5.0875	0.0022	0.0018	0.0004
11	4	0.000	0.00	0.00	0.0000	0.0027	-0.0085	0.0055	0.0044	0.0011
11	5	0.000	0.00	0.00	0.0000	0.0092	-0.0016	0.0117	0.0088	0.0028
11	6	0.000	0.00	0.00	0.0000	0.0139	-0.0030	0.0158	0.0114	0.0043
11	7	0.000	0.00	0.00	0.0000	0.0194	-0.0017	0.0189	0.0133	0.0055
11	8	0.000	0.00	0.00	0.0000	0.0250	-0.0017	0.0233	0.0165	0.0067
11	9	0.000	0.00	0.00	0.0000	0.0314	-0.0017	0.0281	0.0199	0.0082
12	3	0.400	15.00	-6.08	1.2814	0.3689	3.4731	0.0429	0.0279	0.0150
12	4	0.400	15.01	-6.08	1.2909	0.3704	3.4845	0.0434	0.0282	0.0152
12	5	0.400	14.99	-3.05	1.3275	0.3633	3.6538	0.0400	0.0259	0.0140
12	6	0.400	14.97	0.00	1.3331	0.3590	3.7130	0.0391	0.0252	0.0138
12	7	0.400	14.98	3.06	1.3282	0.3603	3.6855	0.0398	0.0260	0.0137
12	8	0.400	14.97	6.09	1.2784	0.3544	3.6067	0.0413	0.0271	0.0141
12	9	0.400	14.98	0.00	1.3339	0.3620	3.7011	0.0394	0.0256	0.0138
13	3	0.400	0.00	0.00	-0.0790	0.0838	-0.9428	0.0287	0.0191	0.0095
13	4	0.400	0.00	0.00	-0.0787	0.1019	-0.7718	0.0404	0.0275	0.0129
13	5	0.400	0.00	0.00	-0.0881	0.1209	-0.7285	0.0516	0.0347	0.0168
13	6	0.400	0.00	0.00	-0.0975	0.1408	-0.6925	0.0633	0.0424	0.0208

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{A_B}	C_{A_H}	C_{A_E}
13	7	0.400	0.01	0.00	-0.0825	0.1477	-0.5590	0.0670	0.0451	0.0219
13	8	0.400	0.01	0.00	-0.0830	0.1575	-0.5273	0.0746	0.0502	0.0244
13	9	0.400	0.01	0.00	-0.0931	0.1608	-0.5789	0.0765	0.0514	0.0250
13	10	0.400	0.01	0.00	-0.0779	0.1664	-0.4682	0.0802	0.0541	0.0261
13	11	0.400	0.02	0.00	-0.0784	0.2075	-0.3778	0.1088	0.0762	0.0325
13	12	0.400	0.01	0.00	-0.0695	0.0794	-0.8754	0.0257	0.0165	0.0092
14	3	0.400	-4.00	0.00	-0.4532	0.0944	-4.7997	0.0235	0.0152	0.0083
14	4	0.400	-0.01	0.00	-0.0746	0.0825	-0.9050	0.0246	0.0159	0.0087
14	5	0.400	2.01	0.00	0.1104	0.0861	1.2828	0.0255	0.0167	0.0088
14	6	0.400	4.03	0.00	0.3133	0.0956	3.2762	0.0272	0.0177	0.0094
14	7	0.400	6.02	0.00	0.4956	0.1105	4.4832	0.0284	0.0184	0.0100
14	8	0.400	7.98	0.00	0.6915	0.1337	5.1697	0.0294	0.0189	0.0104
14	9	0.400	10.00	0.00	0.8652	0.1688	5.1230	0.0309	0.0195	0.0114
14	10	0.400	15.00	0.00	1.2810	0.3515	3.6436	0.0350	0.0220	0.0129
14	11	0.400	20.20	0.00	1.6072	0.6201	2.5915	0.0391	0.0246	0.0145
14	12	0.400	0.00	0.00	-0.0745	0.0817	-0.9124	0.0251	0.0163	0.0088
15	3	0.400	0.00	0.00	-0.0747	0.0839	-0.8903	0.0256	0.0172	0.0084
15	4	0.400	0.00	0.00	-0.0831	0.0990	-0.8394	0.0333	0.0227	0.0106
15	5	0.400	0.00	0.00	-0.0983	0.1126	-0.8726	0.0396	0.0268	0.0128
15	6	0.400	0.00	0.00	-0.0787	0.1251	-0.6290	0.0447	0.0290	0.0157
15	7	0.400	0.00	0.00	-0.0837	0.1296	-0.6460	0.0475	0.0309	0.0165
15	8	0.400	0.00	0.00	-0.0880	0.1378	-0.6387	0.0523	0.0343	0.0180
15	9	0.400	0.00	0.00	-0.0933	0.1405	-0.6642	0.0536	0.0352	0.0184
15	10	0.400	0.01	0.00	-0.0821	0.1460	-0.5624	0.0563	0.0370	0.0193
15	11	0.400	0.00	0.00	-0.1063	0.1579	-0.6731	0.0629	0.0417	0.0211
15	12	0.400	0.00	0.00	-0.0694	0.0820	-0.8458	0.0244	0.0158	0.0086
16	3	0.400	0.01	-6.06	-0.0682	0.0774	-0.8814	0.0305	0.0198	0.0106
16	4	0.400	-0.02	-3.04	-0.0844	0.0817	-1.0323	0.0270	0.0173	0.0096
16	5	0.400	0.00	0.00	-0.0746	0.0817	-0.9134	0.0243	0.0157	0.0085
16	6	0.400	0.01	3.04	-0.0813	0.0807	-1.0070	0.0250	0.0164	0.0086

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
16	7	0.400	-0.01	6.06	-0.0669	0.0766	-0.8739	0.0273	0.0179	0.0094
16	8	0.400	0.00	0.00	-0.0794	0.0818	-0.9708	0.0247	0.0159	0.0087
17	1	0.400	5.99	-6.08	0.5030	0.1079	4.6621	0.0345	0.0221	0.0123
17	2	0.400	5.98	-3.05	0.4906	0.1080	4.5430	0.0313	0.0199	0.0113
17	3	0.400	5.99	0.00	0.4999	0.1100	4.5438	0.0280	0.0180	0.0099
17	4	0.400	6.00	3.05	0.4926	0.1083	4.5452	0.0282	0.0185	0.0097
17	5	0.400	5.99	6.08	0.4833	0.1084	4.4552	0.0303	0.0201	0.0102
17	6	0.400	5.99	0.00	0.4951	0.1100	4.5010	0.0280	0.0179	0.0100
18	3	0.400	14.96	-6.09	1.2242	0.3504	3.4929	0.0375	0.0235	0.0139
18	4	0.400	14.98	-3.05	1.2672	0.3510	3.6102	0.0361	0.0228	0.0132
18	5	0.400	14.98	0.00	1.2838	0.3504	3.6638	0.0347	0.0219	0.0128
18	6	0.400	14.98	3.05	1.2675	0.3463	3.6599	0.0334	0.0213	0.0120
18	7	0.400	14.96	6.09	1.2307	0.3444	3.5724	0.0338	0.0219	0.0119
18	8	0.400	14.99	0.00	1.2812	0.3510	3.6501	0.0353	0.0221	0.0131
20	3	0.400	-3.99	0.00	-0.4306	0.0946	-4.5500	0.0243	0.0162	0.0081
20	4	0.400	0.01	0.00	-0.0518	0.0814	-0.6361	0.0243	0.0160	0.0082
20	5	0.400	1.99	0.00	0.1328	0.0831	1.5987	0.0246	0.0160	0.0086
20	7	0.400	4.01	0.00	0.3255	0.0922	3.5305	0.0255	0.0166	0.0089
20	8	0.400	6.00	0.00	0.5322	0.1088	4.8892	0.0270	0.0175	0.0095
20	9	0.400	7.98	0.00	0.7175	0.1323	5.4224	0.0279	0.0180	0.0098
20	10	0.400	9.99	0.00	0.9070	0.1698	5.3411	0.0298	0.0193	0.0105
20	11	0.400	14.98	0.00	1.3210	0.3584	3.6854	0.0349	0.0225	0.0123
20	12	0.400	20.21	0.00	1.6458	0.6315	2.6058	0.0409	0.0269	0.0140
20	13	0.400	0.00	0.00	-0.0565	0.0809	-0.6987	0.0235	0.0155	0.0080
21	1	0.400	-0.01	-6.06	-0.0508	0.0730	-0.6955	0.0271	0.0179	0.0092
21	2	0.400	0.01	-3.04	-0.0572	0.0776	-0.7367	0.0246	0.0161	0.0085
21	3	0.400	0.01	0.00	-0.0518	0.0807	-0.6414	0.0241	0.0157	0.0083
21	4	0.400	0.01	3.04	-0.0489	0.0787	-0.6225	0.0240	0.0156	0.0083

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
21	5	0.400	0.02	6.07	-0.0501	0.0732	-0.6847	0.0270	0.0178	0.0092
21	6	0.400	-0.02	0.00	-0.0517	0.0808	-0.6401	0.0238	0.0155	0.0082
22	3	0.400	6.01	-6.08	0.5412	0.1052	5.1418	0.0296	0.0189	0.0107
22	4	0.400	6.00	-3.05	0.5383	0.1063	5.0638	0.0278	0.0178	0.0100
22	5	0.400	6.00	0.00	0.5268	0.1072	4.9147	0.0261	0.0170	0.0090
22	6	0.400	6.03	3.05	0.5340	0.1076	4.9627	0.0266	0.0174	0.0092
22	7	0.400	5.98	6.08	0.5295	0.1072	4.9389	0.0283	0.0184	0.0098
22	8	0.400	6.00	0.00	0.5300	0.1073	4.9377	0.0261	0.0169	0.0092
23	1	0.400	14.97	-6.08	1.2748	0.3619	3.5227	0.0381	0.0246	0.0134
23	2	0.400	14.97	-3.05	1.2999	0.3571	3.6400	0.0359	0.0230	0.0128
23	3	0.400	14.96	0.00	1.3119	0.3546	3.6987	0.0345	0.0222	0.0123
23	4	0.400	14.99	3.06	1.3140	0.3575	3.6749	0.0348	0.0225	0.0122
23	5	0.400	14.99	6.09	1.2646	0.3525	3.5873	0.0362	0.0234	0.0127
23	6	0.400	14.97	0.00	1.3190	0.3571	3.6927	0.0348	0.0224	0.0124
24	5	0.400	-3.99	0.00	-0.1775	0.1015	-1.7473	0.0327	0.0217	0.0109
24	6	0.400	0.01	0.00	0.2250	0.1023	2.1989	0.0344	0.0227	0.0117
24	7	0.400	2.03	0.00	0.4106	0.1111	3.6935	0.0354	0.0235	0.0119
24	8	0.400	4.00	0.00	0.6126	0.1270	4.8216	0.0374	0.0247	0.0126
24	9	0.400	6.00	0.00	0.8023	0.1506	5.3259	0.0392	0.0260	0.0132
24	10	0.400	7.97	0.00	0.9934	0.1838	5.4028	0.0415	0.0275	0.0140
24	11	0.400	10.00	0.00	1.1919	0.2371	5.0252	0.0443	0.0290	0.0152
24	12	0.400	14.98	0.00	1.5240	0.4554	3.3462	0.0516	0.0339	0.0176
24	13	0.400	20.19	0.00	1.7780	0.7331	2.4252	0.0597	0.0394	0.0203
24	14	0.400	0.00	0.00	0.2254	0.1026	2.1962	0.0346	0.0228	0.0117
25	1	0.400	-0.01	-6.06	0.2316	0.0946	2.4482	0.0378	0.0252	0.0125
25	2	0.400	0.00	-3.04	0.2293	0.0997	2.2993	0.0355	0.0234	0.0120
25	3	0.400	0.00	0.00	0.2260	0.1025	2.2033	0.0350	0.0230	0.0119
25	4	0.400	-0.01	3.04	0.2231	0.1002	2.2265	0.0350	0.0230	0.0119

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{A_B}	C_{A_H}	C_{A_E}
25	5	0.400	0.02	6.06	0.2233	0.0954	2.3397	0.0370	0.0245	0.0125
25	6	0.400	0.00	0.00	0.2206	0.1025	2.1511	0.0345	0.0227	0.0117
26	2	0.400	6.00	-6.08	0.7975	0.1498	5.3204	0.0421	0.0280	0.0140
26	3	0.400	6.00	-6.08	0.8116	0.1512	5.3642	0.0423	0.0281	0.0141
26	4	0.400	6.00	-3.05	0.8049	0.1491	5.3976	0.0406	0.0268	0.0138
26	5	0.400	6.01	0.00	0.8098	0.1513	5.3513	0.0391	0.0259	0.0132
26	6	0.400	5.99	3.05	0.8028	0.1510	5.3146	0.0396	0.0261	0.0134
26	7	0.400	5.99	6.08	0.7943	0.1531	5.1864	0.0413	0.0274	0.0139
26	8	0.400	6.00	0.00	0.8180	0.1504	5.4380	0.0396	0.0260	0.0135
27	1	0.400	14.97	-6.08	1.4878	0.4563	3.2605	0.0551	0.0358	0.0192
27	2	0.400	14.95	-3.05	1.5207	0.4561	3.3338	0.0530	0.0346	0.0184
27	3	0.400	14.96	0.00	1.5326	0.4569	3.3536	0.0512	0.0336	0.0175
27	4	0.400	14.96	3.05	1.5075	0.4548	3.3142	0.0533	0.0353	0.0179
27	5	0.400	14.96	6.09	1.4676	0.4432	3.3110	0.0539	0.0359	0.0180
27	6	0.400	14.98	0.00	1.5328	0.4572	3.3521	0.0517	0.0340	0.0177
28	3	0.400	-4.00	0.00	-0.1348	0.1024	-1.3161	0.0335	0.0222	0.0113
28	4	0.400	0.02	0.00	0.2477	0.1045	2.3701	0.0341	0.0225	0.0115
28	5	0.400	2.00	0.00	0.4345	0.1159	3.7484	0.0357	0.0237	0.0119
28	6	0.400	4.00	0.00	0.6397	0.1358	4.7079	0.0378	0.0250	0.0127
28	7	0.400	6.02	0.00	0.8287	0.1647	5.0311	0.0404	0.0268	0.0136
28	8	0.400	7.96	0.00	1.0114	0.1977	5.1135	0.0411	0.0272	0.0138
28	9	0.400	9.98	0.00	1.2041	0.2509	4.7978	0.0435	0.0288	0.0146
28	10	0.400	14.97	0.00	1.5492	0.4679	3.3109	0.0510	0.0338	0.0172
28	11	0.400	20.19	0.00	1.7955	0.7449	2.4103	0.0595	0.0391	0.0203
28	12	0.400	0.01	0.00	0.2426	0.1046	2.3178	0.0341	0.0226	0.0114
29	1	0.400	0.01	-6.06	0.2447	0.0963	2.5398	0.0372	0.0249	0.0123
29	2	0.400	-0.01	-3.04	0.2427	0.1026	2.3661	0.0356	0.0236	0.0120
29	3	0.400	-0.01	0.00	0.2377	0.1042	2.2799	0.0344	0.0227	0.0116

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{A_B}	C_{A_H}	C_{A_E}
29	6	0.400	-0.01	3.04	0.2392	0.1020	2.3445	0.0347	0.0230	0.0117
29	7	0.400	0.00	6.06	0.2499	0.0971	2.5726	0.0366	0.0242	0.0123
29	8	0.400	0.00	0.00	0.2373	0.1040	2.2816	0.0343	0.0227	0.0116
30	1	0.400	6.00	-6.07	0.8136	0.1639	4.9640	0.0433	0.0287	0.0146
30	2	0.400	6.00	-3.04	0.8248	0.1620	5.0892	0.0415	0.0276	0.0138
30	3	0.400	6.03	0.00	0.8281	0.1646	5.0294	0.0405	0.0267	0.0138
30	4	0.400	5.99	3.05	0.8227	0.1647	4.9926	0.0420	0.0277	0.0142
30	5	0.400	6.01	6.08	0.8084	0.1662	4.8639	0.0430	0.0285	0.0145
30	6	0.400	5.99	0.00	0.8260	0.1641	5.0327	0.0400	0.0263	0.0137
31	1	0.400	15.00	-6.07	1.4970	0.4653	3.2172	0.0553	0.0361	0.0192
31	2	0.400	14.97	-3.04	1.5445	0.4690	3.2931	0.0525	0.0343	0.0182
31	3	0.400	14.98	0.00	1.5462	0.4696	3.2925	0.0515	0.0339	0.0176
31	4	0.400	14.94	3.05	1.5281	0.4643	3.2907	0.0527	0.0350	0.0176
31	5	0.400	14.99	6.08	1.4801	0.4575	3.2354	0.0538	0.0360	0.0178
31	6	0.400	14.97	0.00	1.5438	0.4686	3.2946	0.0513	0.0337	0.0176
32	2	0.400	-4.01	0.00	-0.1015	0.1106	-0.9179	0.0350	0.0232	0.0118
32	3	0.400	-0.01	0.00	0.2805	0.1153	2.4320	0.0360	0.0241	0.0119
32	4	0.400	2.02	0.00	0.4645	0.1254	3.7019	0.0363	0.0241	0.0122
32	5	0.400	4.00	0.00	0.6485	0.1493	4.3420	0.0377	0.0250	0.0126
32	6	0.400	5.99	0.00	0.8312	0.1800	4.6163	0.0402	0.0269	0.0133
32	7	0.400	7.86	0.00	1.0397	0.2172	4.7856	0.0412	0.0276	0.0136
32	8	0.400	10.02	0.00	1.2309	0.2704	4.5509	0.0440	0.0291	0.0148
32	10	0.400	14.97	0.00	1.5679	0.4833	3.2439	0.0506	0.0335	0.0170
32	11	0.400	20.15	0.00	1.8324	0.7661	2.3916	0.0593	0.0392	0.0200
32	12	0.400	0.01	0.00	0.2887	0.1151	2.5069	0.0359	0.0239	0.0120
33	3	0.400	0.01	-6.06	0.2840	0.1047	2.7118	0.0370	0.0248	0.0122
33	4	0.400	0.01	-3.04	0.2892	0.1112	2.6007	0.0358	0.0238	0.0120
33	5	0.400	0.01	0.00	0.2788	0.1139	2.4467	0.0358	0.0239	0.0119

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
33	6	0.400	0.02	3.04	0.2865	0.1110	2.5805	0.0353	0.0236	0.0117
33	7	0.400	-0.01	6.06	0.2720	0.1038	2.6197	0.0356	0.0237	0.0118
33	8	0.400	0.00	0.00	0.2867	0.1138	2.5187	0.0362	0.0240	0.0122
34	1	0.400	5.98	-6.08	0.8407	0.1794	4.6846	0.0435	0.0291	0.0144
34	2	0.400	6.00	-3.04	0.8372	0.1789	4.6791	0.0411	0.0274	0.0137
34	3	0.400	6.01	0.00	0.8225	0.1786	4.6040	0.0401	0.0268	0.0133
34	4	0.400	5.98	3.05	0.8290	0.1804	4.5941	0.0414	0.0276	0.0137
34	5	0.400	6.02	6.08	0.8353	0.1832	4.5577	0.0436	0.0291	0.0145
34	6	0.400	6.01	0.00	0.8252	0.1793	4.6027	0.0402	0.0269	0.0133
35	2	0.400	15.00	-6.08	1.5275	0.4789	3.1896	0.0542	0.0358	0.0184
35	3	0.400	14.98	-3.04	1.5602	0.4833	3.2279	0.0521	0.0342	0.0178
35	4	0.400	14.96	0.00	1.5530	0.4787	3.2436	0.0508	0.0335	0.0172
35	5	0.400	15.00	3.05	1.5540	0.4804	3.2346	0.0519	0.0345	0.0173
35	6	0.400	14.96	6.08	1.5175	0.4752	3.1933	0.0540	0.0362	0.0178
35	7	0.400	14.99	0.00	1.5625	0.4836	3.2305	0.0506	0.0336	0.0170
36	3	0.400	-4.01	0.00	-0.7008	0.1207	-5.8055	0.0218	0.0142	0.0075
36	4	0.400	0.01	0.00	-0.3341	0.0980	-3.4075	0.0221	0.0143	0.0077
36	5	0.400	2.01	0.00	-0.1218	0.0922	-1.3200	0.0222	0.0143	0.0079
36	6	0.400	3.98	0.00	0.0613	0.1007	0.6092	0.0206	0.0132	0.0073
36	7	0.400	6.02	0.00	0.2634	0.1175	2.2400	0.0215	0.0140	0.0075
36	8	0.400	7.94	0.00	0.4574	0.1391	3.2875	0.0217	0.0142	0.0075
36	9	0.400	9.99	0.00	0.6731	0.1667	4.0377	0.0223	0.0146	0.0076
36	10	0.400	14.99	0.00	1.1433	0.3195	3.5777	0.0262	0.0172	0.0090
36	11	0.400	20.14	0.00	1.5097	0.5755	2.6229	0.0320	0.0210	0.0110
36	12	0.400	0.00	0.00	-0.3383	0.0982	-3.4431	0.0219	0.0142	0.0076
37	1	0.400	0.00	-6.06	-0.3092	0.0930	-3.3230	0.0290	0.0196	0.0093
37	2	0.400	0.00	-3.04	-0.3194	0.0966	-3.3042	0.0260	0.0172	0.0087
37	3	0.400	0.00	0.00	-0.3379	0.0980	-3.4473	0.0219	0.0143	0.0075

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
37	4	0.400	0.01	3.04	-0.3220	0.0984	-3.2706	0.0244	0.0162	0.0081
37	5	0.400	0.01	6.06	-0.3088	0.0951	-3.2473	0.0281	0.0188	0.0092
37	6	0.400	-0.01	0.00	-0.3379	0.0983	-3.4352	0.0218	0.0142	0.0076
38	1	0.400	5.98	-6.08	0.2753	0.1125	2.4470	0.0286	0.0189	0.0096
38	2	0.400	6.01	-3.05	0.2723	0.1165	2.3363	0.0245	0.0161	0.0084
38	3	0.400	5.99	0.00	0.2684	0.1183	2.2673	0.0216	0.0141	0.0074
38	4	0.400	5.99	3.05	0.2612	0.1164	2.2429	0.0230	0.0151	0.0078
38	5	0.400	6.00	6.08	0.2658	0.1146	2.3187	0.0270	0.0179	0.0090
38	6	0.400	6.00	0.00	0.2633	0.1181	2.2282	0.0216	0.0141	0.0074
39	1	0.400	15.00	-6.08	1.0890	0.3279	3.3205	0.0328	0.0216	0.0111
39	2	0.400	14.99	-3.05	1.1339	0.3244	3.4951	0.0290	0.0189	0.0100
39	3	0.400	14.99	0.00	1.1411	0.3195	3.5716	0.0265	0.0173	0.0092
39	4	0.400	14.97	3.05	1.1405	0.3221	3.5403	0.0276	0.0182	0.0093
39	5	0.400	14.98	6.08	1.1071	0.3228	3.4294	0.0293	0.0194	0.0098
39	6	0.400	14.97	0.00	1.1424	0.3202	3.5675	0.0266	0.0174	0.0091
40	3	0.400	-4.00	0.00	-0.7381	0.1143	-6.4573	0.0223	0.0145	0.0078
40	4	0.400	-0.01	0.00	-0.3691	0.0880	-4.1929	0.0220	0.0142	0.0078
40	5	0.400	2.00	0.00	-0.1665	0.0839	-1.9832	0.0216	0.0140	0.0075
40	6	0.400	4.00	0.00	0.0363	0.0883	0.4114	0.0211	0.0136	0.0075
40	7	0.400	5.98	0.00	0.2434	0.1002	2.4297	0.0218	0.0142	0.0076
40	8	0.400	7.97	0.00	0.4270	0.1197	3.5658	0.0220	0.0144	0.0075
40	9	0.400	9.98	0.00	0.6520	0.1482	4.3973	0.0227	0.0148	0.0078
40	10	0.400	14.97	0.00	1.1317	0.3045	3.7159	0.0269	0.0176	0.0092
40	11	0.400	20.19	0.00	1.5120	0.5667	2.6678	0.0322	0.0211	0.0111
40	12	0.400	0.02	0.00	-0.3671	0.0881	-4.1670	0.0221	0.0144	0.0077
41	1	0.400	0.00	-6.06	-0.3330	0.0859	-3.8758	0.0294	0.0196	0.0097
41	2	0.400	0.00	-3.04	-0.3531	0.0883	-3.9975	0.0256	0.0170	0.0086
41	3	0.400	0.00	0.00	-0.3523	0.0877	-4.0136	0.0221	0.0143	0.0078

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
41	4	0.400	0.00	3.04	-0.3610	0.0886	-4.0741	0.0245	0.0162	0.0083
41	5	0.400	0.00	6.06	-0.3465	0.0871	-3.9776	0.0279	0.0186	0.0092
41	6	0.400	0.04	0.00	-0.3523	0.0882	-3.9923	0.0220	0.0143	0.0077
42	1	0.400	5.99	-6.08	0.2611	0.0980	2.6639	0.0284	0.0187	0.0097
42	2	0.400	5.98	-3.05	0.2490	0.1003	2.4828	0.0239	0.0155	0.0084
42	3	0.400	5.98	0.00	0.2485	0.1017	2.4427	0.0216	0.0141	0.0075
42	4	0.400	5.99	3.05	0.2464	0.1009	2.4409	0.0228	0.0150	0.0078
42	5	0.400	5.99	6.08	0.2461	0.1008	2.4416	0.0269	0.0177	0.0092
42	6	0.400	5.99	0.00	0.2532	0.1017	2.4896	0.0219	0.0143	0.0076
43	2	0.400	14.96	-6.08	1.0626	0.3087	3.4417	0.0324	0.0213	0.0110
43	3	0.400	14.96	-3.04	1.1088	0.3051	3.6338	0.0286	0.0185	0.0100
43	4	0.400	14.97	0.00	1.1215	0.3023	3.7089	0.0267	0.0175	0.0092
43	5	0.400	14.97	3.06	1.1194	0.3043	3.6778	0.0280	0.0185	0.0095
43	6	0.400	14.98	6.09	1.0696	0.3004	3.5597	0.0297	0.0196	0.0101
43	7	0.400	14.98	0.00	1.1239	0.3031	3.7081	0.0270	0.0177	0.0093
44	3	0.400	-4.00	0.00	-0.7637	0.1141	-6.6926	0.0221	0.0144	0.0077
44	4	0.400	0.00	0.00	-0.3799	0.0865	-4.3885	0.0223	0.0146	0.0076
44	5	0.400	1.99	0.00	-0.1857	0.0808	-2.2960	0.0220	0.0142	0.0078
44	6	0.400	3.99	0.00	0.0118	0.0813	0.1457	0.0215	0.0143	0.0072
44	7	0.400	5.96	0.00	0.2176	0.0902	2.4119	0.0218	0.0143	0.0074
44	8	0.400	7.97	0.00	0.4271	0.1068	3.9971	0.0215	0.0141	0.0073
44	9	0.400	10.01	0.00	0.6386	0.1329	4.8027	0.0224	0.0145	0.0076
44	10	0.400	14.96	0.00	1.0972	0.2859	3.8376	0.0265	0.0175	0.0090
44	11	0.400	20.16	0.00	1.4911	0.5516	2.7031	0.0321	0.0212	0.0109
44	12	0.400	0.00	0.00	-0.3707	0.0869	-4.2663	0.0220	0.0145	0.0075
45	1	0.400	0.00	-6.06	-0.3651	0.0834	-4.3779	0.0282	0.0189	0.0092
45	2	0.400	0.00	-3.04	-0.3763	0.0850	-4.4235	0.0251	0.0166	0.0084
45	3	0.400	0.00	0.00	-0.3810	0.0868	-4.3870	0.0217	0.0143	0.0074

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
45	4	0.400	0.00	3.04	-0.3732	0.0859	-4.3417	0.0239	0.0158	0.0080
45	5	0.400	0.00	6.06	-0.3601	0.0845	-4.2598	0.0280	0.0187	0.0092
45	6	0.400	0.00	0.00	-0.3854	0.0864	-4.4567	0.0219	0.0144	0.0074
46	1	0.400	6.00	-6.08	0.2198	0.0848	2.5915	0.0273	0.0181	0.0091
46	2	0.400	6.00	-3.05	0.2315	0.0886	2.6117	0.0236	0.0156	0.0080
46	3	0.400	5.99	0.00	0.2268	0.0902	2.5139	0.0216	0.0142	0.0073
46	4	0.400	6.00	3.05	0.2210	0.0891	2.4802	0.0225	0.0148	0.0077
46	5	0.400	6.00	6.08	0.2345	0.0881	2.6604	0.0253	0.0167	0.0085
46	6	0.400	5.99	0.00	0.2369	0.0909	2.6047	0.0218	0.0143	0.0074
47	1	0.400	14.98	-6.09	1.0544	0.2947	3.5779	0.0328	0.0216	0.0112
47	2	0.400	14.97	-3.05	1.0790	0.2872	3.7559	0.0292	0.0190	0.0101
47	3	0.400	14.98	0.00	1.1008	0.2875	3.8278	0.0265	0.0175	0.0089
47	4	0.400	14.98	3.06	1.0842	0.2861	3.7894	0.0276	0.0183	0.0093
47	5	0.400	14.98	6.09	1.0571	0.2875	3.6764	0.0292	0.0194	0.0098
47	6	0.400	14.98	0.00	1.0970	0.2871	3.8206	0.0271	0.0178	0.0092
48	1	0.400	-4.00	0.00	0.1182	0.1303	0.9071	0.0457	0.0304	0.0153
48	2	0.400	0.01	0.00	0.4884	0.1449	3.3696	0.0489	0.0323	0.0165
48	3	0.400	2.02	0.00	0.6869	0.1602	4.2863	0.0499	0.0329	0.0169
48	4	0.400	4.00	0.00	0.8713	0.1810	4.8134	0.0511	0.0338	0.0173
48	5	0.400	5.98	0.00	1.0389	0.2088	4.9759	0.0513	0.0338	0.0174
48	6	0.400	7.98	0.00	1.2161	0.2512	4.8411	0.0533	0.0351	0.0182
48	7	0.400	10.01	0.00	1.4034	0.3138	4.4718	0.0553	0.0364	0.0189
48	8	0.400	15.01	0.00	1.6427	0.5441	3.0191	0.0632	0.0415	0.0217
48	9	0.400	20.24	0.00	1.8588	0.8237	2.2566	0.0733	0.0482	0.0250
48	10	0.400	0.01	0.00	0.4983	0.1451	3.4330	0.0485	0.0320	0.0165
49	1	0.400	0.00	-6.06	0.4823	0.1381	3.4925	0.0501	0.0335	0.0165
49	2	0.400	0.00	-3.04	0.4938	0.1437	3.4353	0.0485	0.0322	0.0163
49	3	0.400	0.00	0.00	0.5051	0.1451	3.4793	0.0489	0.0322	0.0166

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{A_B}	C_{A_H}	C_{A_E}
49	4	0.400	0.00	3.04	0.4885	0.1419	3.4426	0.0475	0.0313	0.0161
49	5	0.400	0.00	6.06	0.4804	0.1354	3.5462	0.0491	0.0327	0.0163
49	6	0.400	0.00	0.00	0.5010	0.1453	3.4463	0.0491	0.0324	0.0167
50	1	0.400	6.00	-6.08	1.0434	0.2175	4.7965	0.0543	0.0362	0.0181
50	2	0.400	6.00	-3.05	1.0401	0.2109	4.9306	0.0524	0.0347	0.0177
50	3	0.400	6.00	0.00	1.0428	0.2097	4.9712	0.0515	0.0339	0.0176
50	4	0.400	6.00	3.05	1.0530	0.2146	4.9056	0.0525	0.0347	0.0178
50	5	0.400	5.99	6.08	1.0415	0.2201	4.7306	0.0544	0.0363	0.0180
50	6	0.400	6.00	0.00	1.0478	0.2109	4.9661	0.0510	0.0336	0.0174
51	1	0.400	14.94	-6.08	1.6346	0.5466	2.9901	0.0680	0.0449	0.0231
51	2	0.400	14.97	-3.05	1.6430	0.5457	3.0104	0.0652	0.0430	0.0222
51	3	0.400	14.98	0.00	1.6438	0.5430	3.0271	0.0637	0.0419	0.0218
51	4	0.400	14.98	3.05	1.6351	0.5430	3.0111	0.0652	0.0426	0.0225
51	5	0.400	14.94	6.09	1.6139	0.5447	2.9629	0.0695	0.0462	0.0233
51	6	0.400	14.95	0.00	1.6393	0.5403	3.0337	0.0637	0.0418	0.0218
52	3	0.400	-3.99	0.00	0.2012	0.1876	1.0726	0.0592	0.0390	0.0202
52	4	0.400	-0.01	0.00	0.5571	0.2045	2.7240	0.0624	0.0409	0.0214
52	5	0.400	2.01	0.00	0.7607	0.2200	3.4575	0.0635	0.0417	0.0218
52	6	0.400	4.00	0.00	0.9454	0.2413	3.9166	0.0638	0.0420	0.0218
52	7	0.400	6.00	0.00	1.1466	0.2724	4.2087	0.0637	0.0420	0.0217
52	8	0.400	7.98	0.00	1.3237	0.3189	4.1496	0.0649	0.0429	0.0220
52	9	0.400	9.98	0.00	1.5035	0.3900	3.8545	0.0668	0.0441	0.0226
52	11	0.400	14.91	0.00	1.6961	0.6285	2.6983	0.0772	0.0510	0.0262
52	12	0.400	20.22	0.00	1.8725	0.9015	2.0769	0.0874	0.0579	0.0295
52	13	0.400	0.00	0.00	0.5654	0.2046	2.7624	0.0628	0.0409	0.0219
53	1	0.400	0.00	-6.06	0.5565	0.1922	2.8957	0.0615	0.0410	0.0204
53	2	0.400	0.00	-3.04	0.5627	0.1999	2.8149	0.0604	0.0401	0.0203
53	3	0.400	-0.01	0.00	0.5806	0.2044	2.8401	0.0625	0.0408	0.0216

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
53	4	0.400	0.01	3.04	0.5778	0.2053	2.8139	0.0624	0.0414	0.0210
53	5	0.400	0.00	6.07	0.5871	0.1975	2.9726	0.0627	0.0418	0.0208
53	6	0.400	-0.03	0.00	0.5699	0.2048	2.7818	0.0627	0.0408	0.0219
54	1	0.400	5.99	-6.08	1.1059	0.2752	4.0185	0.0646	0.0430	0.0216
54	2	0.400	5.99	-3.05	1.1306	0.2735	4.1327	0.0642	0.0426	0.0215
54	3	0.400	5.98	0.00	1.1579	0.2730	4.2404	0.0634	0.0417	0.0216
54	4	0.400	6.00	3.05	1.1269	0.2736	4.1176	0.0633	0.0420	0.0213
54	5	0.400	5.99	6.08	1.0909	0.2773	3.9337	0.0647	0.0428	0.0219
54	6	0.400	5.99	0.00	1.1503	0.2731	4.2117	0.0631	0.0417	0.0213
55	1	0.400	15.03	-6.08	1.6971	0.6359	2.6685	0.0795	0.0529	0.0266
55	2	0.400	14.92	-3.05	1.7067	0.6295	2.7111	0.0771	0.0509	0.0262
55	3	0.400	15.02	0.00	1.7014	0.6305	2.6984	0.0773	0.0508	0.0264
55	4	0.400	14.95	3.06	1.6880	0.6258	2.6971	0.0767	0.0509	0.0258
55	5	0.400	15.01	6.09	1.6821	0.6312	2.6649	0.0798	0.0528	0.0269
55	6	0.400	14.97	0.00	1.6937	0.6272	2.7003	0.0767	0.0506	0.0260
56	3	0.400	-3.99	0.00	-0.4544	0.0953	-4.7649	0.0237	0.0159	0.0078
56	4	0.400	-0.01	0.00	-0.0545	0.0822	-0.6630	0.0243	0.0161	0.0081
56	5	0.400	1.99	0.00	0.1414	0.0865	1.6342	0.0250	0.0166	0.0083
56	6	0.400	4.01	0.00	0.3441	0.1000	3.4388	0.0264	0.0176	0.0088
56	7	0.400	6.03	0.00	0.5431	0.1206	4.5011	0.0285	0.0188	0.0096
56	9	0.400	7.97	0.00	0.7362	0.1466	5.0185	0.0295	0.0196	0.0098
56	10	0.400	9.98	0.00	0.9249	0.1846	5.0090	0.0313	0.0208	0.0105
56	11	0.400	14.97	0.00	1.3526	0.3739	3.6174	0.0380	0.0253	0.0127
56	12	0.400	20.23	0.00	1.6839	0.6524	2.5808	0.0448	0.0298	0.0149
56	13	0.400	0.00	0.00	-0.0541	0.0818	-0.6607	0.0245	0.0163	0.0081
57	1	0.400	0.00	-6.06	-0.0440	0.0748	-0.5880	0.0287	0.0190	0.0097
57	2	0.400	0.00	-3.04	-0.0548	0.0803	-0.6830	0.0257	0.0169	0.0087
57	3	0.400	0.00	0.00	-0.0497	0.0823	-0.6043	0.0245	0.0163	0.0082

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
57	4	0.400	0.00	3.04	-0.0519	0.0804	-0.6458	0.0256	0.0168	0.0087
57	5	0.400	0.00	6.07	-0.0427	0.0764	-0.5594	0.0275	0.0182	0.0092
57	6	0.400	0.00	0.00	-0.0494	0.0820	-0.6031	0.0249	0.0165	0.0084
58	1	0.400	6.00	-6.08	0.5457	0.1167	4.6761	0.0324	0.0214	0.0110
58	2	0.400	5.99	-3.05	0.5415	0.1191	4.5446	0.0303	0.0200	0.0102
58	3	0.400	5.98	0.00	0.5368	0.1199	4.4758	0.0289	0.0189	0.0099
58	4	0.400	5.99	3.05	0.5435	0.1202	4.5218	0.0299	0.0198	0.0100
58	5	0.400	5.99	6.08	0.5338	0.1196	4.4616	0.0325	0.0217	0.0108
58	6	0.400	6.00	0.00	0.5454	0.1212	4.4971	0.0287	0.0190	0.0097
59	1	0.400	14.98	-6.08	1.2986	0.3741	3.4706	0.0415	0.0273	0.0142
59	2	0.400	14.97	-3.04	1.3347	0.3743	3.5654	0.0393	0.0258	0.0134
59	3	0.400	14.98	0.00	1.3483	0.3738	3.6065	0.0383	0.0254	0.0129
59	4	0.400	14.98	3.05	1.3412	0.3734	3.5916	0.0392	0.0261	0.0131
59	5	0.400	14.98	6.09	1.3072	0.3754	3.4814	0.0409	0.0273	0.0135
59	6	0.400	14.97	0.00	1.3519	0.3746	3.6083	0.0380	0.0252	0.0128
60	3	0.400	-3.99	0.00	-0.4153	0.1024	-4.0532	0.0240	0.0161	0.0078
60	4	0.400	0.02	0.00	-0.0307	0.0928	-0.3315	0.0258	0.0172	0.0085
60	5	0.400	2.03	0.00	0.1601	0.0946	1.6916	0.0259	0.0173	0.0086
60	6	0.400	4.01	0.00	0.3585	0.1119	3.2031	0.0268	0.0178	0.0090
60	7	0.400	5.97	0.00	0.5432	0.1370	3.9649	0.0291	0.0195	0.0095
60	8	0.400	7.98	0.00	0.7460	0.1647	4.5290	0.0291	0.0194	0.0097
60	9	0.400	9.97	0.00	0.9476	0.2026	4.6756	0.0313	0.0210	0.0103
60	10	0.400	14.98	0.00	1.3659	0.3896	3.5052	0.0374	0.0251	0.0123
60	11	0.400	20.23	0.00	1.6950	0.6668	2.5419	0.0447	0.0297	0.0149
60	12	0.400	-0.03	0.00	-0.0405	0.0916	-0.4419	0.0257	0.0172	0.0084
61	1	0.400	0.04	-6.06	-0.0112	0.0819	-0.1373	0.0283	0.0189	0.0094
61	2	0.400	-0.02	-3.04	-0.0318	0.0896	-0.3553	0.0271	0.0181	0.0089
61	3	0.400	0.00	0.00	-0.0357	0.0918	-0.3888	0.0258	0.0174	0.0084

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
61	4	0.400	0.00	3.04	-0.0388	0.0903	-0.4295	0.0266	0.0178	0.0088
61	5	0.400	0.03	6.06	-0.0153	0.0844	-0.1812	0.0276	0.0185	0.0090
61	6	0.400	0.00	0.00	-0.0311	0.0919	-0.3392	0.0256	0.0171	0.0084
62	2	0.400	6.01	-6.08	0.5673	0.1313	4.3200	0.0321	0.0213	0.0107
62	3	0.400	5.98	-3.05	0.5540	0.1347	4.1107	0.0300	0.0199	0.0101
62	4	0.400	6.02	0.00	0.5410	0.1358	3.9827	0.0285	0.0191	0.0093
62	5	0.400	5.96	3.05	0.5447	0.1357	4.0140	0.0296	0.0198	0.0098
62	7	0.400	6.05	6.08	0.5578	0.1354	4.1187	0.0327	0.0218	0.0108
62	8	0.400	5.96	0.00	0.5358	0.1354	3.9564	0.0289	0.0192	0.0097
63	1	0.400	15.01	-6.08	1.3176	0.3918	3.3629	0.0413	0.0273	0.0139
63	2	0.400	15.01	-3.04	1.3379	0.3895	3.4379	0.0387	0.0257	0.0129
63	3	0.400	14.94	0.00	1.3506	0.3845	3.5122	0.0375	0.0250	0.0124
63	4	0.400	14.94	3.06	1.3569	0.3875	3.5014	0.0387	0.0259	0.0127
63	5	0.400	14.93	6.09	1.3124	0.3825	3.4307	0.0405	0.0271	0.0133
63	6	0.400	14.94	0.00	1.3603	0.3859	3.5246	0.0375	0.0251	0.0124
67	3	0.000	0.00	0.00	0.0000	0.0064	-0.0017	0.0048	0.0039	0.0009
67	4	0.000	0.00	0.00	0.0000	0.0156	-0.0017	0.0125	0.0094	0.0030
67	5	0.000	0.00	0.00	0.0000	0.0221	-0.0016	0.0166	0.0120	0.0045
67	6	0.000	0.00	0.00	0.0000	0.0257	-0.0017	0.0196	0.0140	0.0055
67	7	0.000	0.00	0.00	0.0079	0.0303	0.2609	0.0226	0.0160	0.0066
67	8	0.000	0.00	0.00	0.0079	0.0377	0.2100	0.0265	0.0188	0.0076
68	2	0.400	-3.98	0.00	-0.4871	0.1547	-3.1479	0.0611	0.0414	0.0196
68	3	0.400	0.03	0.00	-0.0852	0.1396	-0.6107	0.0616	0.0419	0.0196
68	4	0.400	2.01	0.00	0.1159	0.1408	0.8236	0.0624	0.0424	0.0200
68	5	0.400	3.98	0.00	0.3107	0.1476	2.1046	0.0637	0.0431	0.0205
68	6	0.400	6.01	0.00	0.5148	0.1646	3.1268	0.0649	0.0439	0.0209
68	7	0.400	7.98	0.00	0.7137	0.1871	3.8140	0.0663	0.0448	0.0215
68	8	0.400	10.02	0.00	0.9200	0.2263	4.0643	0.0670	0.0454	0.0216

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{A_B}	C_{A_H}	C_{A_E}
68	9	0.400	14.96	0.00	1.3389	0.4188	3.1965	0.0702	0.0471	0.0230
68	10	0.400	20.19	0.00	1.6374	0.6943	2.3582	0.0794	0.0533	0.0261
68	11	0.400	-0.02	0.00	-0.0894	0.1393	-0.6416	0.0613	0.0418	0.0195
69	3	0.400	0.00	-6.06	-0.0712	0.1304	-0.5460	0.0683	0.0475	0.0207
69	4	0.400	0.00	-3.04	-0.0877	0.1366	-0.6424	0.0656	0.0455	0.0200
69	5	0.400	0.00	0.00	-0.0918	0.1392	-0.6594	0.0652	0.0451	0.0200
69	6	0.400	0.00	3.04	-0.0895	0.1375	-0.6508	0.0651	0.0442	0.0209
69	7	0.400	0.00	6.07	-0.0804	0.1325	-0.6068	0.0689	0.0457	0.0232
69	8	0.400	0.00	0.00	-0.0818	0.1391	-0.5884	0.0643	0.0446	0.0197
70	1	0.400	6.00	-6.08	0.5266	0.1596	3.2994	0.0723	0.0499	0.0223
70	2	0.400	5.98	-3.05	0.5203	0.1609	3.2320	0.0685	0.0471	0.0213
70	3	0.400	5.99	0.00	0.5122	0.1621	3.1593	0.0677	0.0468	0.0209
70	4	0.400	5.99	3.05	0.5186	0.1626	3.1882	0.0669	0.0459	0.0209
70	5	0.400	5.98	6.08	0.5235	0.1637	3.1979	0.0692	0.0467	0.0224
70	6	0.400	6.00	0.00	0.5149	0.1619	3.1800	0.0673	0.0464	0.0209
71	1	0.400	14.99	-6.09	1.2809	0.4168	3.0730	0.0813	0.0562	0.0251
71	2	0.400	14.97	-3.04	1.3038	0.4164	3.1306	0.0796	0.0551	0.0245
71	3	0.400	14.98	0.00	1.3217	0.4145	3.1882	0.0768	0.0533	0.0234
71	4	0.400	14.98	3.06	1.3186	0.4136	3.1875	0.0757	0.0523	0.0234
71	5	0.400	14.98	6.09	1.2801	0.4123	3.1042	0.0758	0.0523	0.0235
71	6	0.400	14.98	0.00	1.3265	0.4161	3.1878	0.0768	0.0534	0.0234
72	3	0.400	0.00	0.00	-0.0789	0.0813	-0.9708	0.0265	0.0180	0.0084
72	4	0.400	0.00	0.00	-0.0735	0.0816	-0.9007	0.0267	0.0182	0.0085
72	6	0.400	-0.01	0.00	-0.0781	0.0800	-0.9769	0.0258	0.0175	0.0082
72	7	0.400	0.00	0.00	-0.0734	0.0809	-0.9079	0.0258	0.0176	0.0082
73	1	0.400	5.99	-6.08	0.5228	0.1036	5.0462	0.0326	0.0218	0.0108

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
73	2	0.400	5.99	-3.05	0.5257	0.1053	4.9919	0.0308	0.0206	0.0102
73	3	0.400	5.99	0.00	0.5319	0.1083	4.9107	0.0293	0.0197	0.0095
73	4	0.400	6.00	3.05	0.5215	0.1067	4.8858	0.0290	0.0196	0.0094
73	5	0.400	5.99	6.08	0.5149	0.1063	4.8402	0.0311	0.0208	0.0102
73	6	0.400	5.99	0.00	0.5211	0.1081	4.8181	0.0288	0.0194	0.0093
74	5	0.700	-3.99	0.00	-0.5242	0.0941	-5.5659	0.0218	0.0143	0.0074
74	6	0.700	0.00	0.00	-0.0954	0.0793	-1.2031	0.0235	0.0155	0.0079
74	7	0.700	2.00	0.00	0.1302	0.0824	1.5798	0.0246	0.0162	0.0084
74	8	0.700	3.99	0.00	0.3506	0.0945	3.7079	0.0261	0.0173	0.0087
74	9	0.700	6.00	0.00	0.5656	0.1160	4.8726	0.0278	0.0183	0.0094
74	10	0.700	7.97	0.00	0.7708	0.1507	5.1131	0.0293	0.0193	0.0099
74	11	0.700	10.00	0.00	0.9443	0.2109	4.4770	0.0317	0.0209	0.0108
74	12	0.700	14.96	0.00	1.2507	0.4056	3.0836	0.0410	0.0271	0.0139
74	13	0.700	20.28	0.00	1.4811	0.6558	2.2583	0.0552	0.0369	0.0183
74	14	0.700	0.00	0.00	-0.0891	0.0794	-1.1221	0.0233	0.0155	0.0078
75	3	0.700	0.00	-6.11	-0.0773	0.0706	-1.0941	0.0265	0.0176	0.0088
75	4	0.700	0.00	-3.06	-0.0911	0.0761	-1.1970	0.0239	0.0158	0.0080
75	5	0.700	0.00	0.00	-0.0900	0.0787	-1.1428	0.0232	0.0154	0.0077
75	6	0.700	0.00	3.07	-0.0924	0.0770	-1.1995	0.0242	0.0161	0.0080
75	7	0.700	0.00	6.12	-0.0811	0.0713	-1.1385	0.0262	0.0175	0.0087
75	8	0.700	0.00	0.00	-0.0923	0.0789	-1.1702	0.0230	0.0153	0.0076
76	1	0.700	5.99	-6.15	0.5587	0.1201	4.6502	0.0309	0.0205	0.0103
76	2	0.700	5.99	-3.08	0.5581	0.1147	4.8636	0.0283	0.0187	0.0095
76	3	0.700	6.00	0.00	0.5602	0.1152	4.8610	0.0272	0.0182	0.0090
76	4	0.700	5.99	3.09	0.5603	0.1161	4.8232	0.0280	0.0185	0.0094
76	5	0.700	5.99	6.15	0.5455	0.1213	4.4942	0.0315	0.0209	0.0105
76	6	0.700	5.99	0.00	0.5580	0.1147	4.8642	0.0274	0.0182	0.0091
77	1	0.700	14.98	-6.15	1.2277	0.4092	3.0001	0.0476	0.0314	0.0161

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
77	2	0.700	14.96	-3.07	1.2547	0.4081	3.0744	0.0427	0.0282	0.0144
77	3	0.700	14.98	0.00	1.2448	0.4036	3.0837	0.0409	0.0271	0.0138
77	4	0.700	14.98	3.09	1.2480	0.4097	3.0459	0.0433	0.0290	0.0143
77	5	0.700	14.99	6.16	1.2106	0.4053	2.9867	0.0468	0.0313	0.0155
77	6	0.700	14.97	0.00	1.2477	0.4041	3.0869	0.0408	0.0271	0.0137
78	6	0.800	-4.01	0.00	-0.6009	0.0986	-6.0950	0.0209	0.0137	0.0071
78	7	0.800	0.00	0.00	-0.1171	0.0797	-1.4692	0.0232	0.0154	0.0077
78	8	0.800	1.99	0.00	0.1158	0.0835	1.3863	0.0247	0.0165	0.0082
78	9	0.800	4.02	0.00	0.3550	0.0978	3.6287	0.0265	0.0176	0.0089
78	10	0.800	5.99	0.00	0.5867	0.1221	4.8040	0.0280	0.0186	0.0093
78	11	0.800	7.95	0.00	0.8038	0.1618	4.9665	0.0294	0.0196	0.0098
78	12	0.800	10.00	0.00	0.9456	0.2277	4.1523	0.0324	0.0216	0.0107
78	13	0.800	14.95	0.00	1.2008	0.4215	2.8484	0.0453	0.0300	0.0153
78	14	0.800	20.32	0.00	1.4172	0.6639	2.1345	0.0639	0.0427	0.0211
78	15	0.800	0.00	0.00	-0.1186	0.0800	-1.4830	0.0236	0.0157	0.0079
79	1	0.800	0.00	-6.14	-0.0904	0.0730	-1.2381	0.0267	0.0177	0.0090
79	2	0.800	-0.01	-3.08	-0.1146	0.0779	-1.4705	0.0242	0.0161	0.0081
79	3	0.800	0.00	0.00	-0.1160	0.0800	-1.4496	0.0235	0.0156	0.0079
79	4	0.800	0.00	3.08	-0.1165	0.0788	-1.4782	0.0246	0.0163	0.0083
79	5	0.800	0.00	6.14	-0.0921	0.0733	-1.2561	0.0269	0.0178	0.0090
79	6	0.800	0.00	0.00	-0.1130	0.0802	-1.4097	0.0235	0.0156	0.0078
80	1	0.800	5.99	-6.17	0.5574	0.1315	4.2368	0.0319	0.0213	0.0106
80	3	0.800	5.99	-3.09	0.5807	0.1256	4.6205	0.0289	0.0192	0.0096
80	4	0.800	6.00	0.00	0.5929	0.1229	4.8209	0.0281	0.0187	0.0094
80	5	0.800	6.00	3.10	0.5772	0.1258	4.5879	0.0291	0.0193	0.0097
80	6	0.800	6.00	6.17	0.5529	0.1340	4.1259	0.0328	0.0217	0.0110
80	7	0.800	5.98	0.00	0.5859	0.1223	4.7910	0.0282	0.0187	0.0094
81	1	0.800	14.98	-6.19	1.2010	0.4292	2.7977	0.0515	0.0341	0.0173

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
81	2	0.800	14.97	-3.09	1.2143	0.4269	2.8440	0.0468	0.0309	0.0158
81	3	0.800	14.98	0.00	1.2080	0.4247	2.8441	0.0452	0.0299	0.0152
81	5	0.800	14.93	3.10	1.2036	0.4258	2.8265	0.0477	0.0317	0.0159
81	6	0.800	14.98	6.20	1.1796	0.4257	2.7708	0.0512	0.0343	0.0168
81	7	0.800	14.97	0.00	1.2093	0.4245	2.8483	0.0452	0.0300	0.0152
82	4	1.000	-3.98	0.00	-0.5944	0.2714	-2.1898	0.0582	0.0390	0.0191
82	5	1.000	-0.01	0.00	-0.1334	0.2321	-0.5747	0.0565	0.0378	0.0187
82	6	1.000	1.98	0.00	0.0867	0.2343	0.3702	0.0574	0.0386	0.0188
82	7	1.000	4.01	0.00	0.3023	0.2493	1.2123	0.0597	0.0402	0.0194
82	8	1.000	6.01	0.00	0.5218	0.2797	1.8655	0.0630	0.0425	0.0205
82	9	1.000	7.98	0.00	0.7263	0.3207	2.2645	0.0666	0.0447	0.0218
82	10	1.000	9.99	0.00	0.9296	0.3773	2.4638	0.0705	0.0473	0.0232
82	11	1.000	15.00	0.00	1.3809	0.5782	2.3879	0.0804	0.0540	0.0264
82	12	1.000	20.52	0.01	1.7063	0.8424	2.0254	0.0863	0.0578	0.0285
82	13	1.000	-0.01	0.00	-0.1367	0.2328	-0.5874	0.0567	0.0380	0.0187
83	1	1.000	-0.01	-6.18	-0.1298	0.2301	-0.5639	0.0603	0.0404	0.0198
83	2	1.000	-0.02	-3.10	-0.1302	0.2309	-0.5640	0.0575	0.0382	0.0192
83	3	1.000	0.00	0.00	-0.1365	0.2314	-0.5897	0.0563	0.0378	0.0185
83	4	1.000	0.00	3.10	0.1307	0.2298	-0.5691	0.0562	0.0376	0.0185
83	5	1.000	-0.01	6.18	-0.1184	0.2292	-0.5166	0.0591	0.0394	0.0196
83	6	1.000	0.00	0.00	-0.1342	0.2321	-0.5781	0.0564	0.0377	0.0187
84	1	1.000	5.99	-6.23	0.5206	0.2815	1.8492	0.0672	0.0452	0.0220
84	2	1.000	6.00	-3.12	0.5188	0.2778	1.8671	0.0641	0.0429	0.0211
84	3	1.000	5.99	0.00	0.5161	0.2790	1.8496	0.0633	0.0425	0.0208
84	4	1.000	5.99	3.14	0.5076	0.2757	1.8409	0.0634	0.0425	0.0209
84	5	1.000	6.01	6.25	0.4924	0.2773	1.7752	0.0676	0.0452	0.0223
84	6	1.000	5.99	0.00	0.5151	0.2766	1.8622	0.0632	0.0423	0.0209
85	1	1.000	14.98	-6.26	1.3661	0.5699	2.3969	0.0793	0.0533	0.0260

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
85	2	1.000	14.97	-3.13	1.3704	0.5727	2.3928	0.0803	0.0538	0.0264
85	3	1.000	14.98	0.01	1.3555	0.5691	2.3818	0.0802	0.0536	0.0265
85	4	1.000	14.97	3.15	1.3636	0.5727	2.3808	0.0810	0.0543	0.0267
85	5	1.000	14.97	6.27	1.3538	0.5700	2.3749	0.0800	0.0535	0.0264
85	6	1.000	14.98	0.00	1.3835	0.5786	2.3908	0.0808	0.0542	0.0265
86	7	1.100	-4.00	0.00	-0.5637	0.2751	-2.0486	0.0555	0.0371	0.0183
86	8	1.100	-0.01	0.00	-0.1406	0.2392	-0.5876	0.0539	0.0361	0.0177
86	9	1.100	2.01	0.00	0.0668	0.2413	0.2771	0.0552	0.0372	0.0180
86	10	1.100	4.01	0.01	0.2696	0.2566	1.0506	0.0579	0.0388	0.0190
86	11	1.100	6.00	0.01	0.4749	0.2868	1.6559	0.0619	0.0417	0.0202
86	12	1.100	7.98	0.01	0.6702	0.3280	2.0430	0.0663	0.0447	0.0216
86	13	1.100	10.01	0.01	0.8612	0.3847	2.2382	0.0714	0.0481	0.0232
86	14	1.100	15.01	0.01	1.2862	0.5707	2.2537	0.0803	0.0540	0.0263
86	15	1.100	20.50	0.01	1.7021	0.8482	2.0067	0.0819	0.0550	0.0268
86	16	1.100	0.00	0.00	-0.1334	0.2393	-0.5576	0.0545	0.0363	0.0182
87	1	1.100	-0.02	-6.19	-0.1237	0.2382	-0.5193	0.0576	0.0386	0.0190
87	2	1.100	-0.03	-3.10	-0.1369	0.2389	-0.5729	0.0554	0.0371	0.0183
87	3	1.100	0.00	0.00	-0.1406	0.2396	-0.5870	0.0543	0.0364	0.0179
87	4	1.100	0.00	3.11	-0.1309	0.2394	-0.5465	0.0551	0.0371	0.0180
87	5	1.100	0.00	6.20	-0.1234	0.2386	-0.5170	0.0583	0.0390	0.0192
87	6	1.100	-0.01	0.00	-0.1379	0.2396	-0.5758	0.0546	0.0365	0.0180
88	1	1.100	6.00	-6.25	0.4770	0.2906	1.6411	0.0675	0.0454	0.0221
88	2	1.100	6.00	-3.13	0.4750	0.2863	1.6593	0.0637	0.0424	0.0212
88	3	1.100	6.00	0.00	0.4753	0.2862	1.6604	0.0627	0.0418	0.0209
88	4	1.100	5.99	3.15	0.4738	0.2891	1.6384	0.0643	0.0431	0.0211
88	5	1.100	5.99	6.27	0.4725	0.2920	1.6180	0.0678	0.0456	0.0222
88	6	1.100	5.99	0.00	0.4760	0.2870	1.6585	0.0630	0.0419	0.0210
89	1	1.100	14.97	-6.29	1.2770	0.5664	2.2546	0.0784	0.0530	0.0254

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
89	2	1.100	14.96	-3.14	1.2851	0.5687	2.2595	0.0801	0.0537	0.0263
89	3	1.100	14.97	0.01	1.2839	0.5696	2.2541	0.0802	0.0538	0.0264
89	4	1.100	14.97	3.17	1.2806	0.5699	2.2470	0.0804	0.0539	0.0265
89	5	1.100	14.98	6.32	1.2613	0.5651	2.2318	0.0795	0.0532	0.0263
89	6	1.100	14.97	0.01	1.2828	0.5693	2.2533	0.0800	0.0537	0.0262
90	3	0.900	-4.00	0.00	-0.5700	0.1483	-3.8429	0.0282	0.0185	0.0097
90	4	0.900	0.01	0.00	-0.1398	0.1097	-1.2740	0.0251	0.0167	0.0084
90	5	0.900	2.99	0.01	0.0697	0.1083	0.6437	0.0253	0.0169	0.0083
90	6	0.900	3.99	0.00	0.3035	0.1228	2.4716	0.0258	0.0173	0.0084
90	7	0.900	6.00	0.01	0.3336	0.1499	3.5599	0.0265	0.0177	0.0087
90	8	0.900	8.00	0.01	0.7359	0.2002	3.6758	0.0299	0.0203	0.0096
90	9	0.900	9.99	0.01	0.8481	0.2494	3.4003	0.0338	0.0226	0.0111
90	10	0.900	14.97	0.01	1.1448	0.4457	2.5682	0.0523	0.0356	0.0167
90	11	0.900	20.37	0.00	1.4015	0.6894	2.0327	0.0719	0.0486	0.0232
90	12	0.900	0.00	0.00	-0.1474	0.1081	-1.3634	0.0257	0.0169	0.0088
91	1	0.900	0.00	-6.15	-0.1293	0.1100	-1.1754	0.0319	0.0216	0.0103
91	2	0.900	0.00	-3.08	-0.1410	0.1083	-1.3012	0.0265	0.0174	0.0091
91	3	0.900	-0.01	0.00	-0.1473	0.1096	-1.3434	0.0252	0.0169	0.0083
91	4	0.900	-0.01	3.09	-0.1413	0.1083	-1.3048	0.0266	0.0178	0.0087
91	5	0.900	0.00	6.17	-0.1252	0.1083	-1.1553	0.0322	0.0215	0.0106
91	6	0.900	0.00	0.01	-0.1449	0.1091	-1.3279	0.0250	0.0166	0.0084
92	1	0.900	5.98	-6.17	0.5279	0.1545	3.4153	0.0316	0.0211	0.0105
92	2	0.900	5.99	-3.09	0.5186	0.1510	3.4331	0.0285	0.0189	0.0096
92	3	0.900	5.97	0.01	0.5294	0.1494	3.5421	0.0268	0.0179	0.0089
92	4	0.900	5.98	3.11	0.5186	0.1533	3.3828	0.0285	0.0191	0.0094
92	5	0.900	5.98	6.19	0.5095	0.1583	3.2178	0.0319	0.0213	0.0105
92	6	0.900	5.99	0.01	0.5249	0.1500	3.4982	0.0267	0.0178	0.0089
93	1	0.900	14.98	-6.22	1.1232	0.4453	2.5219	0.0576	0.0383	0.0192

TABLE IV
LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
93	2	0.900	14.94	-3.10	1.1492	0.4464	2.5741	0.0539	0.0358	0.0181
93	3	0.900	14.96	0.01	1.1420	0.4434	2.5756	0.0531	0.0355	0.0176
93	4	0.900	14.99	3.13	1.1339	0.4447	2.5496	0.0543	0.0363	0.0179
93	5	0.900	14.98	6.24	1.0913	0.4412	2.4733	0.0562	0.0376	0.0185
93	6	0.900	14.96	0.01	1.1410	0.4425	2.5782	0.0532	0.0353	0.0178
94	3	0.400	-4.00	0.00	-0.9439	0.1547	-6.0989	0.0284	0.0188	0.0096
94	4	0.400	0.00	0.00	-0.5971	0.1188	-5.0238	0.0282	0.0187	0.0095
94	5	0.400	0.00	0.00	-0.4227	0.1067	-3.9609	0.0274	0.0182	0.0091
94	6	0.400	3.96	0.00	-0.2319	0.1024	-2.2634	0.0264	0.0176	0.0087
94	7	0.400	5.98	0.00	-0.0452	0.1040	-0.4345	0.0261	0.0173	0.0087
94	8	0.400	7.98	0.00	0.1603	0.1143	1.4021	0.0263	0.0174	0.0088
94	9	0.400	9.99	0.00	0.3659	0.1322	2.7671	0.0260	0.0172	0.0087
94	10	0.400	14.99	0.00	0.8553	0.2520	3.3936	0.0274	0.0183	0.0091
94	11	0.400	20.20	0.00	1.2686	0.4896	2.5907	0.0298	0.0193	0.0104
94	12	0.400	0.00	0.00	-0.5999	0.1183	-5.0710	0.0280	0.0187	0.0093
95	1	0.400	0.00	-6.06	-0.5944	0.1169	-5.0843	0.0338	0.0226	0.0112
95	2	0.400	0.00	-3.04	-0.5917	0.1202	-4.9189	0.0320	0.0212	0.0108
95	3	0.400	0.00	0.00	-0.6021	0.1190	-5.0581	0.0288	0.0189	0.0099
95	4	0.400	0.00	3.04	-0.5988	0.1192	-5.0202	0.0304	0.0203	0.0100
95	5	0.400	0.00	6.06	-0.5930	0.1165	-5.0903	0.0340	0.0226	0.0114
95	6	0.400	0.00	0.00	-0.6006	0.1198	-5.0137	0.0283	0.0186	0.0097
96	1	0.400	5.99	-6.08	-0.0534	0.0998	-0.5354	0.0315	0.0208	0.0107
96	2	0.400	5.99	-3.05	-0.0508	0.1030	-0.4933	0.0288	0.0190	0.0098
96	3	0.400	5.99	0.00	-0.0408	0.1048	-0.3894	0.0270	0.0178	0.0092
96	4	0.400	5.99	3.05	-0.0619	0.1031	-0.6008	0.0282	0.0188	0.0094
96	5	0.400	5.99	6.08	-0.0618	0.1007	-0.6139	0.0316	0.0210	0.0106
96	6	0.400	5.99	0.00	-0.0407	0.1045	-0.3900	0.0266	0.0175	0.0090
97	1	0.400	14.98	-6.09	0.8084	0.2584	3.1284	0.0310	0.0203	0.0107

TABLE IV

LIFT AND DRAG COEFFICIENTS, LIFT-TO-DRAG RATIO,
AND BASE, HEAT SHIELD AND DUMMY ENGINE AXIAL FORCE COEFFICIENTS

Run	Pt	M	α	β	C_L	C_D	L/D	C_{AB}	C_{AH}	C_{AE}
97	3	0.400	14.97	-3.05	0.8362	0.2515	3.3241	0.0288	0.0188	0.0099
97	4	0.400	14.99	0.00	0.8445	0.2480	3.4043	0.0281	0.0186	0.0095
97	5	0.400	14.98	3.06	0.8374	0.2476	3.3819	0.0288	0.0191	0.0096
97	6	0.400	14.97	6.10	0.8085	0.2486	3.2517	0.0310	0.0204	0.0105
97	7	0.400	14.96	0.00	0.8412	0.2470	3.4048	0.0278	0.0182	0.0096

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
6	15	5 6	0.400	0.00	0.00 69895.	84805. 69847.	69890. 69842.	69933. 69814.	69852. 70221.	69871. 70058.	69589. 69756.	69728. 69699.
6	16	5 6	0.400	0.00	0.00 69684.	131000. 69632.	69747. 69699.	69818. 69694.	69675. 70245.	69704. 69866.	69445. 69584.	69574. 69574.
6	17	5 6	0.400	0.00	0.00 69589.	178574. 69512.	69646. 69622.	69737. 69483.	69550. 70245.	69584. 69766.	69325. 69536.	69455. 69407.
6	18	5 6	0.400	0.00	0.00 69613.	122037. 69536.	69656. 69598.	69723. 69598.	69589. 70149.	69608. 69766.	69349. 69488.	69479. 69479.
6	19	5 6	0.400	0.00	0.00 69445.	190295. 69344.	69479. 69455.	69570. 69292.	69383. 70101.	69392. 69574.	69110. 69392.	69249. 69215.
6	20	5 6	0.400	0.00	0.00 69349.	228216. 69273.	69378. 69359.	69483. 69100.	69273. 70077.	69297. 69474.	69014. 69368.	69158. 69024.
6	21	5 6	0.400	0.00	0.00 69373.	262690. 69321.	69392. 69383.	69502. 69052.	69282. 70125.	69273. 69526.	68966. 69440.	69119. 68928.
6	22	5 6	0.400	0.00	0.00 69469.	295095. 69368.	69421. 69383.	69541. 69005.	69306. 70197.	69273. 69550.	68990. 69613.	69134. 68803.
6	23	5 6	0.400	0.01	0.00 69397.	336464. 69344.	69344. 69311.	69474. 68813.	69215. 70197.	69182. 69498.	68847. 69613.	69014. 68588.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c	
							P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
6	24	5	6	0.400	0.00	0.00 68947.	377832. 68818.	68756. 68660.	68880. 68100.	68631. 69833.	68564. 68866.	68224. 69000.	68392. 67817.	
6	25	5	6	0.400	0.00	0.00 69019.	442643. 68890.	68693. 68516.	68799. 67908.	68583. 70077.	68468. 68746.	68080. 68827.	68272. 67549.	
6	26	5	6	0.400	0.01	0.00 69019.	510212. 68794.	68578. 68396.	68674. 67717.	68483. 70149.	68325. 68597.	67985. 68636.	68152. 67310.	
6	27	5	6	0.400	0.00	0.00 69019.	565370. 68770.	68531. 68373.	68612. 67621.	68444. 70293.	68253. 68550.	67889. 68440.	68071. 67166.	
6	28	5	6	0.400	0.01	0.00 68899.	628112. 68578.	68373. 68224.	68473. 67386.	68272. 70221.	68085. 68430.	67697. 68315.	67894. 66927.	
6	29	5	6	0.400	0.01	0.00 68875.	697059. 68459.	68272. 68176.	68368. 67195.	68176. 70173.	67946. 68281.	67578. 68243.	67760. 66778.	
6	30	5	6	0.400	0.02	0.00 68851.	755665. 68406.	68248. 68128.	68382. 67051.	68109. 70197.	67898. 68258.	67530. 68315.	67712. 66754.	
6	31	5	6	0.400	0.02	0.00 68234.	816339. 67760.	67597. 67477.	67755. 66290.	67439. 69617.	67209. 67554.	66836. 67803.	67022. 66055.	
6	32	5	6	0.400	0.01	0.00 69943.	66879. 69943.	69881. 69842.	69866. 69838.	69890. 70077.	69847. 70058.	69493. 69660.	69670. 69675.	

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
7	2	5	0.400	-3.97	0.00	68258.	69948.	69948.	69948.	69914.	69943.	69929.
		6			70015.	69991.	69914.	69862.	70173.	70034.	69804.	69771.
7	3	5	0.400	0.01	0.00	68947.	69957.	69948.	69972.	69962.	69943.	69953.
		6			70063.	69991.	69914.	69909.	70197.	70010.	69780.	69795.
7	4	5	0.400	2.02	0.00	69637.	69914.	69890.	69938.	69890.	69895.	69895.
		6			70063.	69967.	69866.	69862.	70149.	69962.	69732.	69723.
7	5	5	0.400	3.98	0.00	68947.	69847.	69823.	69876.	69847.	69876.	69862.
		6			69991.	69895.	69818.	69790.	70077.	69866.	69660.	69699.
7	6	5	0.400	6.01	0.00	69637.	69814.	69795.	69833.	69799.	69828.	69814.
		6			69967.	69847.	69771.	69742.	70077.	69818.	69637.	69651.
7	7	5	0.400	7.99	0.00	69637.	69790.	69756.	69828.	69775.	69804.	69790.
		6			69991.	69847.	69747.	69718.	70053.	69766.	69584.	69627.
7	8	5	0.400	10.01	0.00	69637.	69728.	69689.	69761.	69728.	69732.	69728.
		6			69967.	69775.	69646.	69646.	70029.	69694.	69512.	69526.
7	9	5	0.400	14.99	0.00	68947.	69469.	69431.	69507.	69464.	69469.	69464.
		6			69756.	69512.	69383.	69388.	69809.	69426.	69220.	69263.
7	10	5	0.400	20.18	0.00	68947.	69206.	69163.	69244.	69182.	69206.	69191.
		6			69541.	69249.	69119.	69076.	69522.	69158.	68976.	69000.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
7	11	5 6	0.400	0.00	0.00 69967.	69637. 69919.	69871. 69842.	69857. 69814.	69886. 70077.	69847. 69962.	69876. 69708.	69862. 69675.
8	1	5 6	0.400	-0.01	-6.06 69823.	70326. 69680.	69704. 69675.	69660. 69790.	69742. 69809.	69775. 69670.	69780. 69488.	69775. 69675.
8	2	5 6	0.400	0.01	-3.04 69991.	69637. 69847.	69814. 69771.	69780. 69790.	69852. 70029.	69823. 69794.	69828. 69613.	69823. 69699.
8	3	5 6	0.400	0.01	0.00 69991.	69637. 69967.	69914. 69866.	69905. 69886.	69929. 70125.	69890. 70010.	69919. 69756.	69905. 69723.
8	4	5 6	0.400	-0.01	3.04 69967.	69637. 70039.	69943. 69938.	69948. 69814.	69938. 70101.	69890. 70182.	69895. 69828.	69895. 69675.
8	5	5 6	0.400	0.01	6.06 69871.	69637. 69895.	69852. 69866.	69862. 69718.	69838. 69953.	69823. 70058.	69828. 69828.	69823. 69603.
8	6	5 6	0.400	0.01	0.00 69991.	69637. 69991.	69924. 69890.	69914. 69862.	69933. 70125.	69890. 70034.	69943. 69756.	69919. 69747.
10	3	5 6	0.400	0.00	0.00 70063.	88252. 70015.	69981. 69914.	70000. 69862.	69962. 70245.	69890. 70058.	69895. 69857.	69895. 69842.
10	4	5 6	0.400	0.00	0.00 70039.	89631. 69991.	69972. 69890.	69996. 69862.	69948. 70221.	69890. 70058.	69895. 69857.	69895. 69842.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
10	5	5	6	0.400	0.00	0.00 69847.	135826. 69895.	69814. 69747.	69823. 69718.	69804. 70077.	69775. 69866.	69780. 69708.	69775. 69651.
10	6	5	6	0.400	-0.01	0.00 69684.	188226. 69751.	69637. 69598.	69656. 69435.	69617. 69905.	69608. 69718.	69637. 69637.	69622. 69359.
10	7	5	6	0.400	0.00	0.00 69660.	226837. 69632.	69550. 69502.	69584. 69292.	69522. 69905.	69536. 69646.	69541. 69613.	69536. 69167.
10	8	5	6	0.400	0.00	0.00 69637.	265448. 69608.	69464. 69383.	69483. 69148.	69445. 69833.	69416. 69574.	69421. 69512.	69416. 69024.
11	3	5	6	0.000	0.00	0.00 70776.	91700. 70738.	70814. 70829.	70829. 70838.	70795. 70819.	70795. 70862.	70853. 70805.	70824. 70829.
11	4	5	6	0.000	0.00	0.00 70632.	142721. 70594.	70709. 70733.	70752. 70719.	70671. 70747.	70699. 70790.	70757. 70709.	70728. 70757.
11	5	5	6	0.000	0.00	0.00 70441.	260621. 70379.	70541. 70637.	70599. 70484.	70484. 70604.	70532. 70647.	70589. 70537.	70561. 70613.
11	6	5	6	0.000	0.00	0.00 70345.	382659. 70278.	70441. 70589.	70494. 70364.	70393. 70460.	70441. 70570.	70494. 70441.	70465. 70494.
11	7	5	6	0.000	0.00	0.00 70302.	515727. 70206.	70393. 70589.	70431. 70340.	70360. 70340.	70417. 70498.	70446. 70393.	70431. 70494.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
11	8	5	6	0.000	0.00	0.00 70182.	637075. 70063.	70307. 70494.	70360. 70293.	70259. 70245.	70297. 70426.	70374. 70293.	70336. 70470.
11	9	5	6	0.000	0.00	0.00 70087.	756354. 70015.	70254. 70446.	70316. 70245.	70197. 70173.	70249. 70379.	70302. 70197.	70278. 70518.
12	3	5	6	0.400	15.00	-6.08 69397.	66879. 69177.	69091. 69048.	68995. 69124.	69186. 69186.	69134. 68909.	69153. 68971.	69143. 68914.
12	4	5	6	0.400	15.01	-6.08 69139.	67568. 68914.	68813. 68779.	68708. 68837.	68918. 68894.	68894. 68621.	68870. 68684.	68880. 68626.
12	5	5	6	0.400	14.99	-3.05 69421.	66879. 69177.	69076. 69048.	68976. 69052.	69172. 69306.	69086. 68813.	69110. 68923.	69095. 68866.
12	6	5	6	0.400	14.97	0.00 69708.	67568. 69512.	69373. 69359.	69263. 69340.	69479. 69689.	69416. 69095.	69392. 69210.	69407. 69057.
12	7	5	6	0.400	14.98	3.06 69469.	67568. 69321.	69220. 69191.	69143. 69196.	69292. 69593.	69230. 69004.	69201. 69067.	69215. 68914.
12	8	5	6	0.400	14.97	6.09 69301.	67568. 69368.	69158. 69119.	69091. 69100.	69225. 69570.	69134. 68957.	69110. 69019.	69119. 68818.
12	9	5	6	0.400	14.98	0.00 69541.	67568. 69297.	69196. 69167.	69100. 69148.	69287. 69522.	69230. 68909.	69249. 69067.	69239. 68914.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
13	3	5	0.400	0.00	0.00	91700.	69704.	69689.	69718.	69728.	69728.	69728.
		6			69756.	69704.	69723.	69694.	70149.	69526.	69637.	69435.
13	4	5	0.400	0.00	0.00	230284.	69268.	69301.	69239.	69254.	69249.	69249.
		6			69301.	69249.	69335.	69076.	70077.	69052.	69210.	68866.
13	5	5	0.400	0.00	0.00	391622.	68794.	68799.	68794.	68703.	68679.	68693.
		6			69139.	68985.	68827.	68219.	70077.	68574.	68732.	67817.
13	6	5	0.400	0.00	0.00	578470.	68310.	68301.	68325.	68133.	68157.	68147.
		6			68947.	68602.	68272.	67482.	70173.	68052.	68109.	66864.
13	7	5	0.400	0.01	0.00	642591.	68138.	68138.	68133.	67922.	67966.	67946.
		6			68803.	68382.	68128.	67219.	70053.	67865.	67966.	66673.
13	8	5	0.400	0.01	0.00	732223.	67630.	67626.	67630.	67401.	67396.	67396.
		6			68377.	67879.	67650.	66620.	69617.	67295.	67439.	66146.
13	9	5	0.400	0.01	0.00	764628.	67616.	67611.	67621.	67377.	67396.	67386.
		6			68425.	67855.	67650.	66553.	69617.	67295.	67439.	66103.
13	10	5	0.400	0.01	0.00	824612.	67487.	67501.	67472.	67209.	67257.	67233.
		6			68329.	67736.	67501.	66314.	69546.	67104.	67391.	65959.
13	11	5	0.400	0.02	0.00	1242435.	66170.	66481.	65864.	65662.	65686.	65677.
		6			67123.	66031.	66199.	64097.	68990.	65773.	66002.	65145.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
13	12	5	0.400	0.01	0.00	66879.	69871.	69795.	69953.	69914.	69914.	69914.
		6			70015.	69991.	69914.	69886.	70149.	69622.	69828.	69579.
14	3	5	0.400	-4.00	0.00	66189.	69962.	69900.	70024.	70010.	65878.	67946.
		6			70206.	69967.	69986.	69933.	70245.	69857.	69876.	69627.
14	4	5	0.400	-0.01	0.00	66189.	69933.	69871.	70000.	69986.	65830.	67908.
		6			70182.	69967.	69938.	69909.	70221.	69857.	69828.	69579.
14	5	5	0.400	2.01	0.00	66189.	69866.	69818.	69914.	69914.	65782.	67851.
		6			70111.	69895.	69842.	69814.	70197.	69761.	69828.	69483.
14	6	5	0.400	4.03	0.00	67568.	69799.	69742.	69857.	69847.	65686.	67764.
		6			70087.	69823.	69771.	69742.	70173.	69665.	69732.	69388.
14	7	5	0.400	6.02	0.00	67568.	69751.	69680.	69828.	69799.	65639.	67717.
		6			70111.	69799.	69723.	69670.	70077.	69665.	69684.	69292.
14	8	5	0.400	7.98	0.00	66879.	69704.	69622.	69790.	69751.	65591.	67669.
		6			70087.	69751.	69675.	69646.	70029.	69574.	69637.	69244.
14	9	5	0.400	10.00	0.00	66879.	69651.	69522.	69785.	69751.	65639.	67693.
		6			70134.	69704.	69675.	69622.	69809.	69526.	69593.	69153.
14	10	5	0.400	15.00	0.00	66189.	69493.	69340.	69646.	69608.	65452.	67530.
		6			70063.	69560.	69550.	69412.	69617.	69335.	69402.	69009.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
14	11	5	0.400	20.20	0.00	66189.	69364.	69191.	69541.	69464.	65308.	67386.
		6			70039.	69416.	69431.	69268.	69593.	69191.	69210.	68770.
14	12	5	0.400	0.00	0.00	66189.	69924.	69862.	69986.	70010.	65878.	67946.
		6			70158.	69943.	69914.	69933.	70221.	69761.	69876.	69579.
15	3	5	0.400	0.00	0.00	93768.	69962.	69962.	69962.	69938.	70010.	69976.
		6			70063.	69919.	69938.	69933.	70388.	69857.	69876.	69723.
15	4	5	0.400	0.00	0.00	231663.	69699.	69728.	69670.	69584.	69680.	69632.
		6			69823.	69775.	69771.	69316.	70460.	69574.	69637.	69244.
15	5	5	0.400	0.00	0.00	389553.	69364.	69378.	69349.	69182.	69249.	69215.
		6			69589.	69680.	69335.	68789.	69953.	69383.	69498.	68674.
15	6	5	0.400	0.00	0.00	573643.	68866.	68756.	68971.	68679.	68727.	68703.
		6			69469.	69344.	68923.	68147.	69474.	68717.	68923.	67913.
15	7	5	0.400	0.00	0.00	635696.	68799.	68698.	68899.	68588.	68631.	68607.
		6			69445.	69249.	68851.	68052.	69378.	68621.	68827.	67961.
15	8	5	0.400	0.00	0.00	731533.	68669.	68578.	68760.	68444.	68492.	68468.
		6			69445.	69057.	68708.	67836.	69139.	68435.	68636.	68104.
15	9	5	0.400	0.00	0.00	763939.	68665.	68578.	68751.	68396.	68444.	68420.
		6			69517.	69009.	68708.	67764.	69186.	68435.	68588.	68104.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
15	10	5 6	0.400	0.01	0.00 69613.	821855. 68890.	68607. 68684.	68516. 67597.	68698. 69234.	68301. 68339.	68349. 68396.	68325. 68104.
15	11	5 6	0.400	0.00	0.00 69847.	948718. 68578.	68416. 68396.	68358. 67075.	68473. 69641.	67946. 68052.	67966. 67870.	67956. 67865.
15	12	5 6	0.400	0.00	0.00 70134.	68258. 69919.	69895. 69890.	69838. 69886.	69957. 70173.	69938. 69761.	70010. 69828.	69976. 69579.
16	3	5 6	0.400	0.01	-6.06 69871.	68258. 69632.	69680. 69646.	69613. 69814.	69742. 69809.	69751. 69574.	69818. 69684.	69785. 69388.
16	4	5 6	0.400	-0.02	-3.04 70182.	68258. 69895.	69886. 69866.	69799. 69933.	69967. 70125.	69914. 69761.	70010. 69876.	69962. 69435.
16	5	5 6	0.400	0.00	0.00 70278.	68258. 70039.	70024. 70010.	69962. 70005.	70082. 70293.	70010. 69905.	70154. 69972.	70082. 69675.
16	6	5 6	0.400	0.01	3.04 70254.	68258. 70158.	70082. 70082.	70039. 70005.	70125. 70460.	70058. 70000.	70202. 70020.	70130. 69675.
16	7	5 6	0.400	-0.01	6.06 69871.	68947. 69919.	69771. 69842.	69723. 69646.	69818. 70101.	69751. 69713.	69771. 69732.	69761. 69340.
16	8	5 6	0.400	0.00	0.00 70158.	69637. 69919.	69909. 69914.	69842. 69909.	69976. 70197.	69914. 69761.	70010. 69876.	69962. 69531.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
17	1	5 6	0.400	5.99	-6.08 69756.	70326. 69488.	69493. 69526.	69383. 69646.	69603. 69593.	69632. 69335.	69680. 69546.	69656. 69057.
17	2	5 6	0.400	5.98	-3.05 69943.	69637. 69632.	69622. 69646.	69507. 69718.	69737. 69761.	69704. 69431.	69771. 69637.	69737. 69201.
17	3	5 6	0.400	5.99	0.00 70134.	69637. 69823.	69780. 69771.	69699. 69718.	69862. 70149.	69775. 69574.	69866. 69780.	69818. 69292.
17	4	5 6	0.400	6.00	3.05 70063.	68947. 69895.	69828. 69842.	69780. 69694.	69876. 70293.	69799. 69713.	69866. 69780.	69833. 69340.
17	5	5 6	0.400	5.99	6.08 69895.	68947. 69847.	69737. 69771.	69704. 69574.	69771. 70173.	69656. 69622.	69818. 69732.	69737. 69292.
17	6	5 6	0.400	5.99	0.00 70206.	69637. 69895.	69847. 69866.	69756. 69790.	69938. 70197.	69823. 69665.	69962. 69828.	69890. 69340.
18	3	5 6	0.400	14.96	-6.09 69943.	66189. 69368.	69344. 69407.	69177. 69340.	69517. 69402.	69440. 69239.	69584. 69306.	69512. 68770.
18	4	5 6	0.400	14.98	-3.05 69847.	66189. 69344.	69306. 69359.	69153. 69268.	69455. 69354.	69392. 69191.	69488. 69258.	69440. 68818.
18	5	5 6	0.400	14.98	0.00 69967.	66189. 69440.	69397. 69455.	69249. 69316.	69546. 69498.	69488. 69287.	69536. 69306.	69512. 68914.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
18	6	5 6	0.400	14.98	3.05 69991.	67568. 69608.	69517. 69574.	69402. 69364.	69637. 69905.	69560. 69383.	69584. 69354.	69570. 68961.
18	7	5 6	0.400	14.96	6.09 69847.	68258. 69680.	69517. 69574.	69431. 69316.	69603. 69976.	69536. 69431.	69584. 69402.	69560. 68914.
18	8	5 6	0.400	14.99	0.00 70039.	68258. 69488.	69450. 69526.	69287. 69388.	69613. 69546.	69560. 69335.	69584. 69354.	69570. 68914.
20	3	5 6	0.400	-3.99	0.00 70015.	67568. 69895.	69933. 69986.	69914. 69909.	69953. 70245.	69890. 69857.	69962. 69828.	69929. 69723.
20	4	5 6	0.400	0.01	0.00 70111.	67568. 69991.	69953. 69914.	69919. 69909.	69981. 70221.	69890. 69905.	69962. 69876.	69929. 69675.
20	5	5 6	0.400	1.99	0.00 70206.	67568. 69991.	69953. 69890.	69895. 69933.	70005. 70221.	69914. 69857.	69962. 69828.	69938. 69675.
20	7	5 6	0.400	4.01	0.00 70182.	68947. 69943.	69900. 69842.	69842. 69862.	69957. 70149.	69847. 69809.	69914. 69828.	69881. 69579.
20	8	5 6	0.400	6.00	0.00 70182.	68947. 69919.	69862. 69795.	69795. 69838.	69933. 70101.	69847. 69761.	69914. 69732.	69881. 69579.
20	9	5 6	0.400	7.98	0.00 70182.	69637. 69919.	69838. 69747.	69766. 69790.	69909. 70077.	69799. 69713.	69866. 69732.	69833. 69531.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
20	10	5	0.400	9.99	0.00	69637. 69847.	69751. 69646.	69675. 69670.	69823. 70000.	69704. 69665.	69771. 69637.	69737. 69388.
20	11	5	0.400	14.98	0.00	68947. 69680.	69536. 69431.	69440. 69483.	69637. 69785.	69512. 69431.	69536. 69402.	69522. 69153.
20	12	5	0.400	20.21	0.00	68947. 69464.	69306. 69167.	69244. 69220.	69373. 69617.	69254. 69191.	69297. 69210.	69273. 68961.
20	13	5	0.400	0.00	0.00	69637. 70063.	70020. 70010.	69986. 69981.	70053. 70293.	69962. 69952.	70010. 69924.	69986. 69771.
21	1	5	0.400	-0.01	-6.06 69895.	68947. 69799.	69866. 69866.	69828. 70053.	69905. 69857.	69890. 69713.	69962. 69876.	69929. 69866.
21	2	5	0.400	0.01	-3.04 70206.	69637. 69967.	69986. 69962.	69938. 70005.	70034. 70197.	69986. 69857.	70010. 69972.	70000. 69723.
21	3	5	0.400	-0.01	0.00	68947. 70134.	70063. 70058.	70015. 70029.	70106. 70364.	70034. 69952.	70058. 69972.	70048. 69771.
21	4	5	0.400	0.01	3.04 70134.	68947. 70206.	70067. 70106.	70020. 70005.	70115. 70293.	70010. 70000.	70058. 70020.	70034. 69771.
21	5	5	0.400	0.02	6.07 69919.	67568. 69991.	69938. 70130.	69900. 69862.	69976. 70053.	69914. 69857.	69962. 69972.	69938. 69723.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
21	6	5	0.400	-0.02	0.00 70230.	68947. 70158.	70087. 70082.	70044. 70053.	70130. 70388.	70034. 69952.	70106. 70020.	70072. 69818.
22	3	5	0.400	6.01	-6.08 70111.	67568. 69728.	69704. 69675.	69603. 69718.	69809. 69857.	69728. 69574.	69771. 69637.	69751. 69340.
22	4	5	0.400	6.00	-3.05 70158.	66879. 69799.	69785. 69771.	69694. 69790.	69881. 69929.	69799. 69665.	69866. 69684.	69833. 69483.
22	5	5	0.400	6.00	0.00 70182.	67568. 69967.	69895. 69795.	69842. 69862.	69953. 70149.	69847. 69809.	69914. 69780.	69881. 69627.
22	6	5	0.400	6.03	3.05 70063.	68258. 70158.	69919. 69842.	69866. 69838.	69976. 70197.	69847. 69857.	69914. 69828.	69881. 69579.
22	7	5	0.400	5.98	6.08 69991.	68258. 70087.	69871. 69842.	69814. 69790.	69929. 70125.	69799. 69809.	69866. 69780.	69833. 69531.
22	8	5	0.400	6.00	0.00 70230.	68947. 70039.	69948. 69866.	69876. 69933.	70015. 70197.	69914. 69809.	69962. 69828.	69938. 69675.
23	1	5	0.400	14.97	-6.08 69756.	68947. 69416.	69344. 69287.	69244. 69340.	69450. 69570.	69344. 69191.	69392. 69306.	69368. 68914.
23	2	5	0.400	14.97	-3.05 69871.	68258. 69584.	69450. 69383.	69340. 69412.	69565. 69713.	69440. 69287.	69488. 69306.	69464. 69057.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
23	3	5	0.400	14.96	0.00	67568.	69541.	69435.	69646.	69512.	69584.	69546.
		6			69943.	69704.	69431.	69507.	69809.	69383.	69402.	69153.
23	4	5	0.400	14.99	3.06	68258.	69546.	69455.	69637.	69464.	69536.	69498.
		6			69895.	69728.	69431.	69483.	69833.	69383.	69402.	69201.
23	5	5	0.400	14.99	6.09	68258.	69531.	69440.	69622.	69488.	69536.	69512.
		6			69823.	69799.	69407.	69459.	69881.	69383.	69354.	69153.
23	6	5	0.400	14.97	0.00	68947.	69574.	69474.	69675.	69536.	69584.	69560.
		6			69967.	69728.	69479.	69531.	69857.	69383.	69450.	69201.
24	5	5	0.400	-3.99	0.00	66879.	69541.	69512.	69570.	69469.	69637.	69550.
		6			69689.	69565.	69531.	69488.	69718.	69483.	69455.	69392.
24	6	5	0.400	0.01	0.00	68258.	69368.	69321.	69412.	69325.	69445.	69388.
		6			69570.	69421.	69364.	69297.	69574.	69292.	69263.	69158.
24	7	5	0.400	2.03	0.00	68258.	69277.	69244.	69311.	69258.	69349.	69301.
		6			69474.	69325.	69244.	69201.	69502.	69196.	69167.	69110.
24	8	5	0.400	4.00	0.00	68258.	69201.	69153.	69244.	69163.	69254.	69206.
		6			69450.	69254.	69148.	69129.	69479.	69100.	69072.	68966.
24	9	5	0.400	6.00	0.00	68258.	69115.	69072.	69153.	69091.	69158.	69124.
		6			69378.	69158.	69052.	69033.	69431.	69009.	68976.	68870.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
24	10	5	0.400	7.97	0.00	68947.	69043.	69000.	69081.	69019.	69115.	69067.
		6			69354.	69062.	68976.	68937.	69383.	68961.	68880.	68775.
24	11	5	0.400	10.00	0.00	68947.	69019.	68937.	69100.	68995.	69019.	69005.
		6			69402.	69086.	68976.	68937.	69383.	68866.	68832.	68679.
24	12	5	0.400	14.98	0.00	67568.	68770.	68693.	68842.	68756.	68827.	68794.
		6			69191.	68847.	68712.	68626.	69167.	68626.	68593.	68392.
24	13	5	0.400	20.19	0.00	66879.	68440.	68358.	68521.	68449.	68497.	68473.
		6			68904.	68511.	68401.	68272.	68779.	68344.	68258.	68061.
24	14	5	0.400	0.00	0.00	67568.	69474.	69435.	69512.	69469.	69541.	69502.
		6			69665.	69517.	69435.	69440.	69694.	69387.	69407.	69249.
25	1	5	0.400	-0.01	-6.06	68258.	69321.	69301.	69340.	69325.	69397.	69364.
		6			69426.	69349.	69268.	69321.	69502.	69244.	69263.	69206.
25	2	5	0.400	0.00	-3.04	68258.	69440.	69392.	69483.	69445.	69493.	69469.
		6			69617.	69469.	69412.	69440.	69622.	69340.	69359.	69249.
25	3	5	0.400	0.00	0.00	68258.	69474.	69421.	69526.	69493.	69493.	69493.
		6			69665.	69541.	69459.	69440.	69694.	69387.	69407.	69206.
25	4	5	0.400	-0.01	3.04	68258.	69488.	69440.	69536.	69493.	69493.	69493.
		6			69665.	69565.	69459.	69464.	69670.	69435.	69407.	69249.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
25	5	5	0.400	0.02	6.06 69498.	68258. 69445.	69378. 69388.	69340. 69344.	69416. 69502.	69373. 69292.	69493. 69359.	69435. 69206.
25	6	5	0.400	0.00	0.00 69689.	68258. 69541.	69498. 69483.	69455. 69464.	69546. 69718.	69493. 69435.	69541. 69407.	69517. 69249.
26	2	5	0.400	6.00	-6.08 69354.	68258. 69230.	69201. 69124.	69172. 69225.	69234. 69407.	69234. 69100.	69254. 69119.	69244. 69062.
26	3	5	0.400	6.00	-6.08 69378.	67568. 69206.	69201. 69124.	69172. 69225.	69234. 69407.	69210. 69100.	69254. 69072.	69230. 69110.
26	4	5	0.400	6.00	-3.05 69522.	67568. 69301.	69268. 69220.	69215. 69249.	69321. 69574.	69258. 69100.	69254. 69167.	69254. 69014.
26	5	5	0.400	6.01	0.00 69641.	67568. 69397.	69354. 69292.	69311. 69249.	69392. 69670.	69301. 69244.	69349. 69215.	69325. 69110.
26	6	5	0.400	5.99	3.05 69593.	67568. 69445.	69368. 69316.	69316. 69321.	69416. 69646.	69349. 69244.	69397. 69311.	69373. 69062.
26	7	5	0.400	5.99	6.08 69426.	67568. 69397.	69316. 69340.	69273. 69273.	69359. 69479.	69325. 69244.	69349. 69263.	69340. 69110.
26	8	5	0.400	6.00	0.00 69689.	67568. 69445.	69383. 69316.	69325. 69321.	69440. 69694.	69373. 69244.	69397. 69263.	69388. 69110.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
27	1	5	0.400	14.97	-6.08 69095.	67568. 68847.	68736. 68736.	68612. 68770.	68861. 68732.	68827. 68578.	68827. 68641.	68827. 68487.
27	2	5	0.400	14.95	-3.05 69306.	66879. 68966.	68866. 68832.	68760. 68794.	68976. 69043.	68875. 68722.	68923. 68736.	68899. 68535.
27	3	5	0.400	14.96	0.00 69282.	66879. 68942.	68870. 68832.	68789. 68746.	68952. 69263.	68875. 68722.	68875. 68689.	68875. 68487.
27	4	5	0.400	14.96	3.05 68880.	66189. 68679.	68588. 68521.	68540. 68487.	68641. 69119.	68593. 68439.	68588. 68449.	68588. 68157.
27	5	5	0.400	14.96	6.09 68856.	66879. 68751.	68631. 68569.	68593. 68511.	68669. 69095.	68641. 68530.	68684. 68497.	68660. 68248.
27	6	5	0.400	14.98	0.00 69143.	66879. 68799.	68708. 68641.	68626. 68578.	68789. 69095.	68708. 68530.	68732. 68545.	68722. 68344.
28	3	5	0.400	-4.00	0.00 69737.	68258. 69589.	69570. 69555.	69536. 69536.	69603. 69766.	69565. 69531.	69684. 69502.	69622. 69344.
28	4	5	0.400	0.02	0.00 69665.	68258. 69469.	69445. 69412.	69407. 69392.	69483. 69670.	69445. 69387.	69493. 69359.	69469. 69206.
28	5	5	0.400	2.00	0.00 69546.	68947. 69373.	69340. 69292.	69316. 69249.	69364. 69550.	69301. 69292.	69397. 69311.	69349. 69110.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
28	6	5	0.400	4.00	0.00 69474.	69637. 69277.	69239. 69196.	69196. 69177.	69282. 69502.	69234. 69196.	69301. 69119.	69268. 68966.
28	7	5	0.400	6.02	0.00 69474.	68947. 69158.	69153. 69100.	69110. 69033.	69191. 69455.	69139. 69100.	69206. 69024.	69172. 68870.
28	8	5	0.400	7.96	0.00 69426.	68947. 69158.	69139. 69076.	69100. 69033.	69172. 69455.	69115. 69057.	69206. 69024.	69163. 68870.
28	9	5	0.400	9.98	0.00 69378.	68258. 69062.	69043. 68976.	69000. 68914.	69081. 69383.	69019. 68961.	69115. 68928.	69067. 68727.
28	10	5	0.400	14.97	0.00 69119.	68258. 68751.	68712. 68641.	68660. 68559.	68765. 69072.	68684. 68626.	68779. 68545.	68732. 68392.
28	11	5	0.400	20.19	0.00 68904.	67568. 68463.	68401. 68353.	68310. 68248.	68492. 68732.	68425. 68296.	68497. 68210.	68459. 68013.
28	12	5	0.400	0.01	0.00 69593.	68947. 69445.	69412. 69388.	69383. 69344.	69440. 69622.	69397. 69387.	69493. 69359.	69445. 69158.
29	1	5	0.400	0.01	-6.06 69402.	69637. 69277.	69282. 69244.	69268. 69249.	69292. 69455.	69277. 69244.	69397. 69215.	69340. 69158.
29	2	5	0.400	-0.01	-3.04 69498.	68947. 69349.	69344. 69340.	69311. 69321.	69378. 69479.	69349. 69292.	69397. 69263.	69373. 69206.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
29	3	5	0.400	-0.01	0.00	70326.	69421.	69383.	69459.	69421.	69493.	69459.
		6			69617.	69469.	69388.	69368.	69622.	69340.	69359.	69206.
29	6	5	0.400	-0.01	3.04	69637.	69402.	69368.	69435.	69397.	69445.	69421.
		6			69546.	69445.	69388.	69368.	69574.	69387.	69359.	69158.
29	7	5	0.400	0.00	6.06	70326.	69368.	69325.	69407.	69373.	69445.	69412.
		6			69498.	69397.	69388.	69344.	69502.	69340.	69359.	69110.
29	8	5	0.400	0.00	0.00	70326.	69464.	69421.	69507.	69469.	69541.	69502.
		6			69665.	69517.	69435.	69416.	69694.	69387.	69407.	69206.
30	1	5	0.400	6.00	-6.07	70326.	69115.	69072.	69163.	69139.	69206.	69172.
		6			69330.	69134.	69076.	69105.	69335.	69009.	69024.	68918.
30	2	5	0.400	6.00	-3.04	69637.	69215.	69182.	69244.	69210.	69206.	69206.
		6			69450.	69230.	69148.	69153.	69502.	69100.	69119.	69014.
30	3	5	0.400	6.03	0.00	68947.	69249.	69191.	69306.	69258.	69301.	69277.
		6			69570.	69301.	69196.	69153.	69574.	69148.	69119.	68918.
30	4	5	0.400	5.99	3.05	68947.	69210.	69158.	69263.	69210.	69254.	69230.
		6			69474.	69277.	69172.	69129.	69502.	69148.	69119.	68870.
30	5	5	0.400	6.01	6.08	68947.	69177.	69129.	69220.	69163.	69206.	69186.
		6			69354.	69230.	69172.	69129.	69383.	69148.	69119.	68870.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
30	6	5	0.400	5.99	0.00 69617.	68947. 69349.	69297. 69268.	69239. 69201.	69359. 69622.	69277. 69196.	69301. 69167.	69292. 68966.
31	1	5	0.400	15.00	-6.07 69095.	68947. 68799.	68722. 68712.	68612. 68722.	68832. 68732.	68803. 68626.	68827. 68641.	68818. 68440.
31	2	5	0.400	14.97	-3.04 69282.	68258. 68918.	68827. 68784.	68717. 68746.	68933. 69019.	68851. 68674.	68875. 68736.	68866. 68440.
31	3	5	0.400	14.98	0.00 69306.	68258. 68966.	68890. 68856.	68808. 68746.	68971. 69287.	68899. 68722.	68923. 68736.	68909. 68487.
31	4	5	0.400	14.94	3.05 69239.	67568. 68990.	68914. 68832.	68875. 68770.	68957. 69407.	68899. 68818.	68923. 68784.	68909. 68487.
31	5	5	0.400	14.99	6.08 68832.	68258. 68703.	68617. 68545.	68593. 68487.	68641. 69095.	68617. 68530.	68684. 68497.	68650. 68248.
31	6	5	0.400	14.97	0.00 69191.	69637. 68847.	68775. 68736.	68693. 68650.	68856. 69167.	68779. 68626.	68827. 68641.	68803. 68344.
32	2	5	0.400	-4.01	0.00 69589.	69637. 69464.	69440. 69431.	69407. 69407.	69474. 69641.	69416. 69383.	69536. 69349.	69474. 69244.
32	3	5	0.400	-0.01	0.00 69589.	70326. 69416.	69426. 69407.	69412. 69340.	69435. 69617.	69392. 69383.	69488. 69349.	69440. 69292.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
32	4	5 6	0.400	2.02	0.00 69565.	70326. 69440.	69402. 69407.	69368. 69340.	69435. 69593.	69392. 69335.	69488. 69349.	69440. 69196.
32	5	5 6	0.400	4.00	0.00 69565.	70326. 69368.	69349. 69335.	69316. 69268.	69383. 69570.	69321. 69287.	69440. 69254.	69378. 69148.
32	6	5 6	0.400	5.99	0.00 69541.	70326. 69273.	69277. 69215.	69263. 69148.	69292. 69593.	69225. 69191.	69344. 69158.	69287. 69100.
32	7	5 6	0.400	7.86	0.00 69493.	71016. 69273.	69268. 69215.	69254. 69148.	69282. 69570.	69201. 69191.	69297. 69158.	69249. 69100.
32	8	5 6	0.400	10.02	0.00 69469.	70326. 69153.	69148. 69115.	69105. 69028.	69191. 69450.	69110. 69048.	69249. 69014.	69177. 68914.
32	10	5 6	0.400	14.97	0.00 69301.	70326. 68985.	68933. 68899.	68880. 68765.	68990. 69306.	68870. 68813.	69009. 68775.	68942. 68626.
32	11	5 6	0.400	20.15	0.00 69115.	68947. 68669.	68655. 68636.	68588. 68454.	68717. 68990.	68607. 68526.	68727. 68487.	68669. 68339.
32	12	5 6	0.400	0.01	0.00 69728.	71016. 69608.	69584. 69574.	69560. 69526.	69608. 69785.	69560. 69569.	69675. 69493.	69617. 69388.
33	3	5 6	0.400	0.01	-6.06 69637.	68258. 69512.	69517. 69479.	69507. 69479.	69526. 69713.	69488. 69478.	69584. 69445.	69536. 69388.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
33	4	5	0.400	0.01	-3.04 69775.	68258. 69608.	69603. 69574.	69570. 69574.	69632. 69785.	69584. 69522.	69723. 69541.	69656. 69435.
33	5	5	0.400	0.01	0.00 69823.	67568. 69704.	69684. 69670.	69665. 69622.	69704. 69881.	69656. 69665.	69723. 69637.	69689. 69483.
33	6	5	0.400	0.02	3.04 69823.	67568. 69775.	69742. 69742.	69728. 69694.	69761. 69929.	69704. 69713.	69866. 69684.	69785. 69579.
33	7	5	0.400	-0.01	6.06 69895.	68947. 69775.	69766. 69742.	69747. 69742.	69790. 69905.	69751. 69761.	69866. 69732.	69809. 69579.
33	8	5	0.400	0.00	0.00 70369.	69637. 70230.	70202. 70202.	70163. 70149.	70240. 70436.	70178. 70139.	70245. 70115.	70211. 69962.
34	1	5	0.400	5.98	-6.08 70087.	69637. 69871.	69886. 69842.	69866. 69814.	69905. 70096.	69866. 69809.	69962. 69780.	69914. 69771.
34	2	5	0.400	6.00	-3.04 70225.	69637. 70015.	70005. 69986.	69976. 69886.	70029. 70269.	69986. 69952.	70058. 69876.	70020. 69818.
34	3	5	0.400	6.01	0.00 70321.	69637. 70087.	70072. 70010.	70048. 69957.	70096. 70412.	70034. 70048.	70106. 69924.	70067. 69818.
34	4	5	0.400	5.98	3.05 70249.	69637. 70087.	70053. 69986.	70034. 69957.	70072. 70340.	70010. 70048.	70154. 69924.	70082. 69818.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
34	5	5	6	0.400	6.02	6.08 70111.	69637. 70015.	69972. 69962.	69948. 69909.	70000. 70192.	69962. 70000.	70058. 69876.	70010. 69723.
34	6	5	6	0.400	6.01	0.00 70369.	69637. 70111.	70111. 70034.	70091. 70005.	70130. 70436.	70058. 70048.	70154. 69972.	70106. 69914.
35	2	5	6	0.400	15.00	-6.08 69943.	68258. 69656.	69632. 69598.	69560. 69598.	69699. 69641.	69656. 69617.	69771. 69541.	69713. 69435.
35	3	5	6	0.400	14.98	-3.04 70111.	68258. 69799.	69732. 69718.	69651. 69646.	69818. 69905.	69751. 69665.	69866. 69589.	69809. 69435.
35	4	5	6	0.400	14.96	0.00 69943.	67568. 69608.	69565. 69526.	69502. 69431.	69627. 69881.	69536. 69478.	69627. 69397.	69584. 69244.
35	5	5	6	0.400	15.00	3.05 69871.	67568. 69584.	69565. 69502.	69531. 69455.	69603. 70000.	69536. 69522.	69627. 69349.	69584. 69244.
35	6	5	6	0.400	14.96	6.08 69684.	68258. 69560.	69502. 69431.	69488. 69383.	69512. 69929.	69488. 69522.	69627. 69349.	69560. 69148.
35	7	5	6	0.400	14.99	0.00 69991.	68258. 69656.	69622. 69574.	69579. 69455.	69670. 69953.	69608. 69569.	69675. 69493.	69641. 69292.
36	3	5	6	0.400	-4.01	0.00 71154.	69637. 70929.	70948. 71020.	70905. 70862.	70992. 71059.	70939. 70900.	71054. 70881.	70996. 70771.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
36	4	5 6	0.400	0.01	0.00 71083.	69637. 70881.	70872. 70925.	70819. 70790.	70920. 71011.	70843. 70757.	70958. 70834.	70901. 70676.
36	5	5 6	0.400	2.01	0.00 71083.	69637. 70834.	70810. 70853.	70743. 70743.	70877. 70939.	70819. 70709.	70958. 70738.	70891. 70580.
36	6	5 6	0.400	3.98	0.00 71154.	70326. 70905.	70891. 70925.	70834. 70814.	70948. 71059.	70843. 70805.	71006. 70786.	70925. 70676.
36	7	5 6	0.400	6.02	0.00 71035.	70326. 70834.	70824. 70877.	70771. 70743.	70872. 71011.	70819. 70757.	70958. 70738.	70891. 70580.
36	8	5 6	0.400	7.94	0.00 70987.	70326. 70857.	70829. 70877.	70790. 70767.	70872. 71035.	70795. 70757.	70958. 70738.	70877. 70628.
36	9	5 6	0.400	9.99	0.00 71011.	70326. 70905.	70867. 70901.	70834. 70790.	70901. 71106.	70843. 70805.	70958. 70786.	70901. 70628.
36	10	5 6	0.400	14.99	0.00 71059.	70326. 70857.	70790. 70757.	70747. 70671.	70834. 71154.	70747. 70709.	70910. 70642.	70829. 70484.
36	11	5 6	0.400	20.14	0.00 70963.	69637. 70661.	70589. 70518.	70532. 70431.	70642. 70963.	70556. 70474.	70723. 70403.	70637. 70293.
36	12	5 6	0.400	0.00	0.00 71202.	69637. 70953.	70963. 70996.	70915. 70886.	71011. 71106.	70939. 70900.	71054. 70881.	70996. 70771.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
					P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
37	1	5	6	0.00	-6.06 70632.	70326. 70518.	70647. 70589.	70656. 70814.	70637. 70604.	70652. 70661.	70819. 70594.	70733. 70771.
37	2	5	6	0.00	-3.04 70867.	70326. 70690.	70781. 70781.	70752. 70886.	70805. 70747.	70819. 70757.	70958. 70738.	70891. 70771.
37	3	5	6	0.00	0.00 71154.	70326. 70977.	70963. 70996.	70920. 70886.	71001. 71130.	70915. 70900.	71102. 70881.	71006. 70771.
37	4	5	6	0.01	3.04 70891.	70326. 70977.	70896. 70996.	70872. 70790.	70915. 70939.	70843. 70948.	70958. 70929.	70901. 70676.
37	5	5	6	0.01	6.06 70680.	70326. 70786.	70743. 70925.	70738. 70623.	70752. 70723.	70699. 70757.	70819. 70834.	70757. 70628.
37	6	5	6	-0.01	0.00 71202.	70326. 71001.	70996. 71044.	70953. 70934.	71044. 71154.	70963. 70948.	71054. 70881.	71006. 70819.
38	1	5	6	5.98	-6.08 70819.	70326. 70589.	70714. 70661.	70690. 70886.	70738. 70676.	70747. 70661.	70862. 70642.	70805. 70771.
38	2	5	6	6.01	-3.05 71106.	70326. 70857.	70901. 70877.	70862. 70934.	70944. 70939.	70939. 70853.	71102. 70834.	71020. 70819.
38	3	5	6	5.99	0.00 71202.	69637. 71073.	71049. 71092.	71011. 70982.	71087. 71255.	71006. 70996.	71102. 70929.	71054. 70867.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
38	4	5	6	0.400	5.99	3.05 71059.	69637. 71121.	71015. 71140.	70982. 70862.	71044. 71178.	70963. 71044.	71102. 70977.	71030. 70723.
38	5	5	6	0.400	6.00	6.08 70843.	69637. 71001.	70872. 71044.	70843. 70695.	70896. 70963.	70819. 70900.	70958. 70929.	70891. 70580.
38	6	5	6	0.400	6.00	0.00 71083.	69637. 70929.	70920. 70972.	70881. 70838.	70953. 71106.	70891. 70853.	71006. 70834.	70948. 70723.
39	1	5	6	0.400	15.00	-6.08 70795.	71016. 70470.	70541. 70465.	70498. 70599.	70585. 70628.	70628. 70522.	70723. 70451.	70676. 70388.
39	2	5	6	0.400	14.99	-3.05 70987.	69637. 70738.	70704. 70637.	70647. 70695.	70762. 70891.	70747. 70661.	70862. 70546.	70805. 70484.
39	3	5	6	0.400	14.99	0.00 71083.	69637. 70905.	70819. 70781.	70767. 70719.	70872. 71178.	70795. 70757.	70910. 70642.	70853. 70484.
39	4	5	6	0.400	14.97	3.05 70939.	68947. 70905.	70800. 70829.	70767. 70671.	70834. 71178.	70747. 70757.	70862. 70690.	70805. 70436.
39	5	5	6	0.400	14.98	6.08 70819.	68947. 70929.	70767. 70853.	70738. 70575.	70795. 71059.	70676. 70805.	70819. 70690.	70747. 70388.
39	6	5	6	0.400	14.97	0.00 70915.	69637. 70738.	70666. 70637.	70623. 70551.	70709. 71035.	70652. 70618.	70723. 70498.	70685. 70340.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
40	3	5	6	0.400	-4.00	0.00 71815.	71705. 71624.	71600. 71648.	71542. 71528.	71652. 71758.	71580. 71518.	71767. 71504.	71671. 71389.
40	4	5	6	0.400	-0.01	0.00 72007.	72394. 71791.	71758. 71791.	71700. 71695.	71820. 71901.	71767. 71662.	71863. 71648.	71815. 71580.
40	5	5	6	0.400	2.00	0.00 71935.	72394. 71719.	71705. 71743.	71657. 71624.	71758. 71877.	71719. 71614.	71863. 71600.	71791. 71533.
40	6	5	6	0.400	4.00	0.00 71911.	72394. 71695.	71662. 71695.	71604. 71576.	71719. 71853.	71648. 71566.	71815. 71552.	71734. 71437.
40	7	5	6	0.400	5.98	0.00 71839.	71705. 71671.	71643. 71695.	71590. 71576.	71695. 71853.	71624. 71566.	71719. 71504.	71671. 71437.
40	8	5	6	0.400	7.97	0.00 71772.	72394. 71671.	71619. 71648.	71580. 71552.	71662. 71853.	71600. 71566.	71719. 71504.	71662. 71389.
40	9	5	6	0.400	9.98	0.00 71772.	72394. 71695.	71619. 71671.	71571. 71528.	71667. 71877.	71600. 71566.	71719. 71504.	71662. 71341.
40	10	5	6	0.400	14.97	0.00 71791.	72394. 71624.	71542. 71528.	71494. 71408.	71590. 71901.	71533. 71470.	71624. 71408.	71576. 71197.
40	11	5	6	0.400	20.19	0.00 71676.	70326. 71360.	71269. 71169.	71207. 71126.	71332. 71662.	71269. 71188.	71389. 71073.	71327. 70915.

TABLE V
MODEL PRESSURES

Run	Pt	α	M	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
				P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
40	12	0.02	0.400	0.00 71911.	72394. 71719.	71691. 71719.	71638. 71624.	71743. 71853.	71695. 71614.	71767. 71600.	71734. 71485.
41	1	0.00	0.400	-6.06 71365.	71016. 71288.	71375. 71312.	71365. 71576.	71384. 71327.	71389. 71327.	71480. 71264.	71437. 71533.
41	2	0.00	0.400	-3.04 71604.	72394. 71456.	71528. 71528.	71504. 71624.	71552. 71518.	71580. 71518.	71671. 71504.	71624. 71485.
41	3	0.00	0.400	0.00 71911.	71705. 71719.	71686. 71743.	71619. 71624.	71748. 71829.	71695. 71614.	71815. 71600.	71758. 71437.
41	4	0.00	0.400	3.04 71580.	71016. 71719.	71604. 71719.	71571. 71528.	71638. 71686.	71600. 71614.	71719. 71600.	71662. 71389.
41	5	0.00	0.400	6.06 71413.	71016. 71504.	71442. 71600.	71427. 71317.	71456. 71446.	71437. 71470.	71528. 71504.	71485. 71293.
41	6	0.04	0.400	0.00 71935.	71705. 71719.	71695. 71743.	71643. 71600.	71748. 71877.	71695. 71614.	71767. 71600.	71734. 71485.
42	1	5.99	0.400	-6.08 71580.	71016. 71312.	71418. 71360.	71375. 71600.	71461. 71422.	71509. 71327.	71576. 71312.	71542. 71437.
42	2	5.98	0.400	-3.05 71839.	71705. 71624.	71619. 71624.	71561. 71624.	71676. 71734.	71671. 71566.	71767. 71504.	71719. 71437.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
42	3	5	6	0.400	5.98	0.00 71863.	71016. 71767.	71715. 71767.	71667. 71648.	71762. 71925.	71695. 71662.	71815. 71600.	71758. 71485.
42	4	5	6	0.400	5.99	3.05 71791.	71016. 71791.	71700. 71791.	71662. 71576.	71738. 71901.	71671. 71710.	71815. 71648.	71743. 71389.
42	5	5	6	0.400	5.99	6.08 71509.	70326. 71695.	71523. 71719.	71485. 71336.	71566. 71662.	71485. 71518.	71576. 71552.	71528. 71197.
42	6	5	6	0.400	5.99	0.00 71935.	71016. 71791.	71762. 71815.	71715. 71695.	71810. 71973.	71743. 71710.	71863. 71648.	71806. 71533.
43	2	5	6	0.400	14.96	-6.08 71604.	71016. 71312.	71355. 71288.	71303. 71408.	71403. 71470.	71413. 71327.	71528. 71217.	71470. 71197.
43	3	5	6	0.400	14.96	-3.04 71815.	70326. 71576.	71509. 71456.	71437. 71480.	71580. 71710.	71557. 71422.	71671. 71360.	71614. 71245.
43	4	5	6	0.400	14.97	0.00 71863.	70326. 71695.	71614. 71576.	71566. 71504.	71662. 71997.	71580. 71566.	71719. 71456.	71648. 71245.
43	5	5	6	0.400	14.97	3.06 71724.	69637. 71695.	71585. 71600.	71547. 71456.	71619. 71973.	71533. 71566.	71671. 71456.	71600. 71197.
43	6	5	6	0.400	14.98	6.09 71604.	70326. 71743.	71542. 71624.	71499. 71360.	71585. 71877.	71509. 71566.	71624. 71408.	71566. 71150.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
43	7	5	6	0.400	14.98	0.00 71911.	70326. 71743.	71648. 71600.	71595. 71528.	71695. 72021.	71600. 71614.	71719. 71456.	71662. 71293.
44	3	5	6	0.400	-4.00	0.00 71839.	69637. 71624.	71614. 71648.	71566. 71528.	71662. 71758.	71580. 71518.	71767. 71552.	71671. 71437.
44	4	5	6	0.400	0.00	0.00 71748.	69637. 71552.	71557. 71600.	71518. 71480.	71595. 71710.	71533. 71470.	71671. 71504.	71600. 71389.
44	5	5	6	0.400	1.99	0.00 72031.	71016. 71839.	71815. 71868.	71753. 71767.	71877. 71973.	71815. 71710.	71863. 71695.	71839. 71628.
44	6	5	6	0.400	3.99	0.00 71935.	71016. 71791.	71786. 71815.	71762. 71695.	71810. 71973.	71767. 71710.	71863. 71743.	71815. 71628.
44	7	5	6	0.400	5.96	0.00 71887.	71016. 71767.	71738. 71767.	71710. 71648.	71767. 71949.	71719. 71662.	71863. 71648.	71791. 71580.
44	8	5	6	0.400	7.97	0.00 71887.	71016. 71791.	71753. 71791.	71715. 71671.	71786. 71973.	71719. 71710.	71863. 71648.	71791. 71533.
44	9	5	6	0.400	10.01	0.00 71839.	71705. 71767.	71715. 71767.	71681. 71600.	71743. 71973.	71671. 71662.	71863. 71648.	71767. 71437.
44	10	5	6	0.400	14.96	0.00 71815.	70326. 71624.	71557. 71504.	71518. 71432.	71595. 71949.	71533. 71470.	71624. 71408.	71576. 71245.

TABLE V
MODEL PRESSURES

Run	Pt	α	M	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
	5			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
44	11	20.16	0.400	0.00	70326.	71317.	71274.	71360.	71293.	71389.	71341.
	6			71700.	71384.	71217.	71150.	71686.	71231.	71169.	71011.
44	12	0.00	0.400	0.00	71016.	71753.	71719.	71782.	71743.	71815.	71782.
	6			71935.	71743.	71767.	71671.	71901.	71710.	71695.	71580.
45	1	0.00	0.400	-6.06	71705.	71418.	71418.	71422.	71437.	71528.	71485.
	6			71437.	71288.	71360.	71600.	71399.	71327.	71360.	71580.
45	2	0.00	0.400	-3.04	71705.	71576.	71552.	71600.	71624.	71719.	71671.
	6			71652.	71504.	71576.	71671.	71566.	71566.	71552.	71533.
45	3	0.00	0.400	0.00	71016.	71743.	71710.	71772.	71695.	71815.	71758.
	6			71911.	71743.	71791.	71648.	71901.	71710.	71648.	71580.
45	4	0.00	0.400	3.04	70326.	71657.	71633.	71681.	71624.	71719.	71671.
	6			71652.	71719.	71767.	71576.	71734.	71662.	71648.	71485.
45	5	0.00	0.400	6.06	70326.	71490.	71475.	71499.	71485.	71576.	71528.
	6			71461.	71528.	71648.	71360.	71542.	71470.	71552.	71341.
45	6	0.00	0.400	0.00	71016.	71724.	71700.	71748.	71695.	71767.	71734.
	6			71887.	71719.	71743.	71648.	71901.	71662.	71648.	71580.
46	1	6.00	0.400	-6.08	71016.	71494.	71470.	71518.	71580.	71719.	71648.
	6			71628.	71360.	71432.	71648.	71470.	71422.	71456.	71533.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
46	2	5	0.400	6.00	-3.05 71839.	71705. 71648.	71652. 71624.	71619. 71624.	71686. 71782.	71648. 71614.	71767. 71552.	71710. 71533.
46	3	5	0.400	5.99	0.00 71863.	71705. 71743.	71724. 71767.	71700. 71624.	71753. 71901.	71695. 71662.	71767. 71648.	71734. 71580.
46	4	5	0.400	6.00	3.05 71815.	70326. 71815.	71743. 71844.	71710. 71624.	71777. 71949.	71695. 71710.	71815. 71695.	71758. 71485.
46	5	5	0.400	6.00	6.08 71580.	70326. 71743.	71604. 71815.	71580. 71384.	71633. 71758.	71533. 71614.	71671. 71648.	71600. 71293.
46	6	5	0.400	5.99	0.00 71887.	70326. 71791.	71753. 71767.	71719. 71671.	71782. 71949.	71719. 71710.	71863. 71648.	71791. 71580.
47	1	5	0.400	14.98	-6.09 71580.	71016. 71288.	71322. 71241.	71274. 71384.	71375. 71399.	71413. 71279.	71528. 71217.	71470. 71197.
47	2	5	0.400	14.97	-3.05 71791.	71016. 71552.	71504. 71456.	71442. 71480.	71571. 71734.	71557. 71422.	71671. 71360.	71614. 71245.
47	3	5	0.400	14.98	0.00 71863.	70326. 71695.	71619. 71552.	71590. 71480.	71648. 71997.	71580. 71566.	71719. 71456.	71648. 71341.
47	4	5	0.400	14.98	3.06 71700.	70326. 71671.	71561. 71576.	71537. 71408.	71590. 71925.	71509. 71518.	71624. 71456.	71566. 71245.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
					P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
47	5	5	0.400	14.98	6.09 71604.	70326. 71695.	71533. 71600.	71509. 71336.	71561. 71853.	71461. 71566.	71576. 71456.	71518. 71150.
47	6	5	0.400	14.98	0.00 71887.	70326. 71671.	71619. 71600.	71580. 71480.	71662. 71997.	71580. 71566.	71719. 71456.	71648. 71293.
48	1	5	0.400	-4.00	0.00 70656.	68258. 70565.	70589. 70637.	70551. 70647.	70628. 70652.	70699. 70618.	70862. 70594.	70781. 70340.
48	2	5	0.400	0.01	0.00 70537.	68258. 70422.	70407. 70441.	70355. 70455.	70465. 70532.	70556. 70474.	70723. 70403.	70637. 70010.
48	3	5	0.400	2.02	0.00 70537.	68947. 70398.	70369. 70393.	70307. 70407.	70436. 70532.	70532. 70379.	70723. 70355.	70628. 69962.
48	4	5	0.400	4.00	0.00 70609.	68947. 70422.	70403. 70417.	70336. 70407.	70465. 70556.	70508. 70426.	70771. 70403.	70637. 69962.
48	5	5	0.400	5.98	0.00 70728.	69637. 70422.	70393. 70393.	70316. 70316.	70465. 70676.	70460. 70331.	70628. 70259.	70546. 70010.
48	6	5	0.400	7.98	0.00 70609.	68947. 70350.	70293. 70297.	70211. 70245.	70374. 70532.	70388. 70235.	70580. 70211.	70484. 69866.
48	7	5	0.400	10.01	0.00 70537.	68947. 70302.	70225. 70249.	70139. 70173.	70316. 70436.	70345. 70187.	70532. 70163.	70436. 69771.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
48	8	5	6	0.400	15.01	0.00 70321.	70326. 69943.	69886. 69890.	69775. 69814.	69991. 70024.	70010. 69857.	70202. 69780.	70106. 69435.
48	9	5	6	0.400	20.24	0.00 69895.	68258. 69512.	69455. 69479.	69344. 69359.	69560. 69546.	69608. 69431.	69771. 69349.	69689. 69052.
48	10	5	6	0.400	0.01	0.00 70656.	68947. 70518.	70508. 70541.	70446. 70575.	70570. 70604.	70628. 70570.	70819. 70498.	70723. 70101.
49	1	5	6	0.400	0.00	-6.06 70537.	68947. 70326.	70417. 70393.	70403. 70479.	70436. 70532.	70508. 70426.	70723. 70355.	70613. 70293.
49	2	5	6	0.400	0.00	-3.04 70728.	68947. 70470.	70503. 70465.	70460. 70527.	70546. 70628.	70580. 70474.	70771. 70403.	70676. 70340.
49	3	5	6	0.400	0.00	0.00 70656.	68947. 70518.	70513. 70565.	70446. 70575.	70580. 70604.	70676. 70522.	70819. 70498.	70747. 70149.
49	4	5	6	0.400	0.00	3.04 70656.	69637. 70637.	70561. 70661.	70498. 70551.	70628. 70676.	70699. 70661.	70862. 70594.	70781. 70053.
49	5	5	6	0.400	0.00	6.06 70561.	68947. 70541.	70513. 70589.	70479. 70479.	70541. 70604.	70628. 70618.	70819. 70546.	70723. 70149.
49	6	5	6	0.400	0.00	0.00 70680.	69637. 70541.	70527. 70565.	70460. 70575.	70589. 70628.	70676. 70570.	70819. 70498.	70747. 70149.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
50	1	5	6	0.400	6.00	-6.08 70465.	69637. 70182.	70235. 70202.	70197. 70245.	70273. 70484.	70321. 70187.	70532. 70067.	70427. 70053.
50	2	5	6	0.400	6.00	-3.05 70632.	69637. 70326.	70331. 70273.	70269. 70316.	70388. 70628.	70388. 70187.	70580. 70211.	70484. 70053.
50	3	5	6	0.400	6.00	0.00 70728.	69637. 70422.	70388. 70393.	70312. 70316.	70465. 70699.	70460. 70331.	70628. 70259.	70546. 69962.
50	4	5	6	0.400	6.00	3.05 70656.	68947. 70398.	70369. 70393.	70302. 70293.	70436. 70604.	70460. 70426.	70628. 70259.	70546. 69914.
50	5	5	6	0.400	5.99	6.08 70513.	68258. 70278.	70302. 70369.	70278. 70149.	70326. 70460.	70412. 70379.	70628. 70307.	70522. 69962.
50	6	5	6	0.400	6.00	0.00 70728.	68258. 70398.	70379. 70369.	70307. 70316.	70451. 70676.	70436. 70331.	70628. 70259.	70532. 69962.
51	1	5	6	0.400	14.94	-6.08 70134.	67568. 69775.	69756. 69742.	69665. 69742.	69847. 69785.	69890. 69713.	70106. 69684.	69996. 69483.
51	2	5	6	0.400	14.97	-3.05 70182.	66879. 69799.	69756. 69742.	69665. 69670.	69847. 69833.	69818. 69761.	70106. 69637.	69962. 69435.
51	3	5	6	0.400	14.98	0.00 70273.	68258. 69943.	69871. 69890.	69771. 69790.	69976. 70048.	69986. 69857.	70154. 69732.	70067. 69435.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
51	4	5	6	0.400	14.98	3.05 70321.	67568. 69847.	69809. 69890.	69680. 69694.	69938. 69929.	69938. 69809.	70106. 69637.	70020. 69340.
51	5	5	6	0.400	14.94	6.09 70087.	66879. 69632.	69660. 69694.	69603. 69455.	69718. 69905.	69795. 69761.	69962. 69589.	69881. 69148.
51	6	5	6	0.400	14.95	0.00 70345.	67568. 69967.	69909. 69938.	69804. 69814.	70015. 70048.	70010. 69905.	70202. 69780.	70106. 69483.
52	3	5	6	0.400	-3.99	0.00 70249.	70326. 70087.	70039. 70130.	69948. 70053.	70130. 70144.	70225. 70091.	70388. 70115.	70307. 69435.
52	4	5	6	0.400	-0.01	0.00 70087.	69637. 69895.	69842. 69962.	69732. 69862.	69953. 69905.	70082. 69952.	70202. 69924.	70139. 69148.
52	5	5	6	0.400	2.01	0.00 70015.	67568. 69823.	69761. 69866.	69656. 69766.	69866. 69833.	69938. 69857.	70106. 69828.	70020. 69100.
52	6	5	6	0.400	4.00	0.00 70015.	70326. 69799.	69751. 69790.	69651. 69790.	69847. 69857.	69962. 69809.	70154. 69780.	70058. 69148.
52	7	5	6	0.400	6.00	0.00 70087.	70326. 69823.	69780. 69790.	69689. 69790.	69871. 69929.	69962. 69809.	70106. 69732.	70034. 69292.
52	8	5	6	0.400	7.98	0.00 70015.	71016. 69775.	69723. 69742.	69637. 69694.	69809. 69857.	69890. 69761.	70010. 69637.	69953. 69292.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
52	9	5	0.400	9.98	0.00 69967.	70326. 69728.	69656. 69670.	69570. 69598.	69742. 69833.	69842. 69713.	69962. 69589.	69905. 69148.
52	11	5	0.400	14.91	0.00 69589.	69637. 69297.	69201. 69239.	69100. 69076.	69297. 69378.	69392. 69239.	69536. 69110.	69464. 68674.
52	12	5	0.400	20.22	0.00 69163.	69637. 68866.	68770. 68803.	68674. 68645.	68870. 68918.	68990. 68861.	69153. 68727.	69072. 68195.
52	13	5	0.400	0.00	0.00 70111.	69637. 69919.	69842. 69986.	69704. 69909.	69981. 69929.	70130. 69952.	70245. 69924.	70187. 69009.
53	1	5	0.400	0.00	-6.06 70039.	69637. 69895.	69914. 69914.	69876. 69957.	69953. 70048.	70082. 69952.	70154. 69828.	70115. 69675.
53	2	5	0.400	0.00	-3.04 70134.	70326. 69967.	69981. 70010.	69924. 70029.	70034. 69953.	70154. 70048.	70245. 69972.	70202. 69723.
53	3	5	0.400	-0.01	0.00 70063.	70326. 69895.	69804. 69938.	69680. 69838.	69933. 69881.	70082. 69952.	70202. 69876.	70139. 69009.
53	4	5	0.400	0.01	3.04 69967.	69637. 69943.	69828. 69938.	69771. 69694.	69886. 70048.	70034. 70000.	70202. 69876.	70115. 69148.
53	5	5	0.400	0.00	6.07 70015.	69637. 69919.	69847. 69962.	69809. 69622.	69881. 70024.	70034. 70000.	70154. 69876.	70091. 69340.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
53	6	5	0.400	-0.03	0.00	70326.	69766.	69617.	69909.	70058.	70154.	70106.
		6			70039.	69871.	69914.	69814.	69881.	69857.	69828.	68914.
54	1	5	0.400	5.99	-6.08	70326.	69756.	69704.	69809.	69890.	70010.	69953.
		6			69967.	69751.	69718.	69790.	69881.	69761.	69589.	69579.
54	2	5	0.400	5.99	-3.05	70326.	69771.	69713.	69823.	69914.	70058.	69986.
		6			70015.	69775.	69742.	69766.	69976.	69761.	69637.	69483.
54	3	5	0.400	5.98	0.00	70326.	69862.	69771.	69957.	70058.	70202.	70130.
		6			70158.	69919.	69914.	69838.	70000.	69905.	69828.	69340.
54	4	5	0.400	6.00	3.05	69637.	69909.	69847.	69967.	70058.	70245.	70154.
		6			70134.	69991.	69986.	69766.	70120.	70048.	69876.	69340.
54	5	5	0.400	5.99	6.08	68947.	69857.	69780.	69933.	69986.	70202.	70091.
		6			70087.	69943.	69962.	69742.	70048.	70000.	69876.	69196.
54	6	5	0.400	5.99	0.00	69637.	69900.	69828.	69976.	70058.	70245.	70154.
		6			70182.	69943.	69914.	69862.	70048.	69952.	69876.	69435.
55	1	5	0.400	15.03	-6.08	69637.	69163.	69100.	69230.	69321.	69536.	69426.
		6			69421.	69201.	69191.	69100.	69282.	69191.	69062.	68866.
55	2	5	0.400	14.92	-3.05	69637.	69110.	69005.	69215.	69297.	69440.	69368.
		6			69469.	69201.	69167.	69028.	69182.	69143.	69014.	68674.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
55	3	5	0.400	15.02	0.00 69541.	69637. 69273.	69143. 69215.	69024. 69028.	69263. 69354.	69344. 69191.	69488. 69014.	69416. 68531.
55	4	5	0.400	14.95	3.06 69541.	68947. 69249.	69153. 69191.	69081. 68933.	69230. 69450.	69321. 69239.	69440. 69062.	69378. 68578.
55	5	5	0.400	15.01	6.09 69517.	68947. 69201.	69100. 69167.	69009. 68861.	69186. 69450.	69249. 69239.	69392. 68966.	69321. 68387.
55	6	5	0.400	14.97	0.00 69541.	68258. 69249.	69153. 69191.	69052. 69028.	69249. 69330.	69321. 69239.	69536. 69062.	69426. 68578.
56	3	5	0.400	-3.99	0.00 71652.	69637. 71624.	71571. 71576.	71561. 71456.	71576. 71829.	71509. 71566.	71671. 71504.	71590. 71341.
56	4	5	0.400	-0.01	0.00 71676.	69637. 71624.	71561. 71552.	71542. 71480.	71585. 71806.	71557. 71566.	71671. 71456.	71614. 71341.
56	5	5	0.400	1.99	0.00 71557.	70326. 71504.	71442. 71384.	71427. 71384.	71456. 71686.	71389. 71422.	71528. 71360.	71461. 71245.
56	6	5	0.400	4.01	0.00 71533.	70326. 71408.	71379. 71336.	71365. 71317.	71399. 71614.	71341. 71375.	71480. 71264.	71413. 71197.
56	7	5	0.400	6.03	0.00 71485.	70326. 71336.	71293. 71264.	71260. 71221.	71327. 71542.	71269. 71279.	71389. 71169.	71327. 71059.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
56	9	5	0.400	7.97	0.00	70326.	71346.	71322.	71370.	71317.	71437.	71375.
		6			71533.	71360.	71312.	71269.	71590.	71327.	71217.	71150.
56	10	5	0.400	9.98	0.00	70326.	71231.	71202.	71260.	71197.	71341.	71269.
		6			71461.	71241.	71193.	71150.	71494.	71188.	71121.	71011.
56	11	5	0.400	14.97	0.00	70326.	70982.	70953.	71011.	70939.	71102.	71020.
		6			71269.	71001.	70901.	70862.	71303.	70900.	70834.	70771.
56	12	5	0.400	20.23	0.00	70326.	70690.	70661.	70723.	70652.	70819.	70733.
		6			71011.	70714.	70613.	70551.	70987.	70661.	70546.	70436.
56	13	5	0.400	0.00	0.00	70326.	71499.	71485.	71513.	71461.	71576.	71518.
		6			71604.	71552.	71456.	71432.	71758.	71518.	71408.	71245.
57	1	5	0.400	0.00	-6.06	70326.	71312.	71284.	71346.	71365.	71480.	71422.
		6			71413.	71264.	71288.	71408.	71399.	71279.	71217.	71245.
57	2	5	0.400	0.00	-3.04	70326.	71437.	71399.	71475.	71437.	71528.	71485.
		6			71628.	71456.	71408.	71408.	71662.	71375.	71312.	71245.
57	3	5	0.400	0.00	0.00	70326.	71490.	71466.	71513.	71485.	71576.	71528.
		6			71580.	71552.	71480.	71432.	71734.	71470.	71408.	71245.
57	4	5	0.400	0.00	3.04	70326.	71552.	71513.	71590.	71533.	71624.	71576.
		6			71604.	71671.	71624.	71456.	71734.	71566.	71504.	71245.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
57	5	5	6	0.400	0.00	6.07 71509.	69637. 71528.	71456. 71528.	71427. 71360.	71480. 71590.	71437. 71470.	71576. 71456.	71509. 71197.
57	6	5	6	0.400	0.00	0.00 71604.	70326. 71576.	71499. 71504.	71466. 71432.	71528. 71734.	71485. 71518.	71576. 71360.	71528. 71245.
58	1	5	6	0.400	6.00	-6.08 71341.	70326. 71145.	71150. 71116.	71106. 71150.	71188. 71303.	71150. 71092.	71245. 71025.	71197. 71011.
58	2	5	6	0.400	5.99	-3.05 71437.	71016. 71217.	71231. 71217.	71197. 71197.	71264. 71422.	71221. 71188.	71389. 71121.	71303. 71059.
58	3	5	6	0.400	5.98	0.00 71604.	70326. 71432.	71370. 71336.	71322. 71317.	71422. 71638.	71365. 71279.	71528. 71264.	71446. 71102.
58	4	5	6	0.400	5.99	3.05 71485.	69637. 71408.	71346. 71312.	71322. 71293.	71375. 71590.	71317. 71327.	71480. 71264.	71399. 71102.
58	5	5	6	0.400	5.99	6.08 71317.	68947. 71336.	71250. 71264.	71231. 71174.	71274. 71470.	71221. 71279.	71341. 71169.	71279. 71011.
58	6	5	6	0.400	6.00	0.00 71580.	68947. 71432.	71384. 71336.	71351. 71317.	71418. 71662.	71365. 71327.	71528. 71264.	71446. 71150.
59	1	5	6	0.400	14.98	-6.08 71154.	69637. 70905.	70872. 70829.	70810. 70862.	70939. 70963.	70891. 70805.	71054. 70786.	70972. 70676.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
59	2	5	0.400	14.97	-3.04 71269.	69637. 71001.	70958. 70925.	70896. 70886.	71020. 71178.	70963. 70853.	71102. 70834.	71030. 70723.
59	3	5	0.400	14.98	0.00 71293.	68947. 71049.	71015. 70948.	70977. 70934.	71059. 71351.	70982. 70948.	71102. 70881.	71044. 70723.
59	4	5	0.400	14.98	3.05 71154.	68947. 71001.	70944. 70877.	70915. 70862.	70972. 71351.	70891. 70900.	71006. 70786.	70948. 70628.
59	5	5	0.400	14.98	6.09 71035.	68258. 71097.	70934. 70877.	70915. 70814.	70953. 71351.	70867. 70948.	71006. 70786.	70934. 70580.
59	6	5	0.400	14.97	0.00 71317.	68258. 71097.	71044. 70972.	71006. 70958.	71087. 71375.	71006. 70996.	71150. 70881.	71078. 70771.
60	3	5	0.400	-3.99	0.00 71700.	71016. 71671.	71633. 71624.	71633. 71528.	71633. 71877.	71580. 71710.	71815. 71600.	71695. 71341.
60	4	5	0.400	0.02	0.00 71461.	71016. 71456.	71394. 71360.	71379. 71336.	71403. 71638.	71389. 71375.	71576. 71312.	71485. 71197.
60	5	5	0.400	2.03	0.00 71461.	69637. 71408.	71375. 71360.	71365. 71317.	71384. 71662.	71341. 71375.	71624. 71312.	71485. 71102.
60	6	5	0.400	4.01	0.00 71628.	71705. 71528.	71480. 71432.	71451. 71432.	71504. 71734.	71485. 71470.	71671. 71360.	71576. 71245.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
60	7	5	0.400	5.97	0.00	71016.	71346.	71341.	71351.	71317.	71528.	71422.
		6			71509.	71336.	71288.	71269.	71614.	71375.	71264.	71102.
60	8	5	0.400	7.98	0.00	71016.	71384.	71370.	71403.	71389.	71576.	71485.
		6			71557.	71408.	71336.	71317.	71638.	71422.	71264.	71150.
60	9	5	0.400	9.97	0.00	70326.	71288.	71279.	71298.	71269.	71528.	71399.
		6			71485.	71288.	71217.	71197.	71566.	71327.	71169.	71059.
60	10	5	0.400	14.98	0.00	69637.	71006.	71001.	71015.	70963.	71197.	71078.
		6			71269.	71001.	70901.	70886.	71303.	71044.	70881.	70771.
60	11	5	0.400	20.23	0.00	68947.	70767.	70738.	70800.	70771.	71006.	70891.
		6			71083.	70786.	70685.	70647.	71059.	70757.	70642.	70484.
60	12	5	0.400	-0.03	0.00	70326.	71523.	71513.	71528.	71533.	71719.	71624.
		6			71580.	71576.	71504.	71456.	71734.	71614.	71408.	71293.
61	1	5	0.400	0.04	-6.06	69637.	71399.	71379.	71418.	71413.	71671.	71542.
		6			71485.	71360.	71360.	71456.	71494.	71422.	71312.	71293.
61	2	5	0.400	-0.02	-3.04	70326.	71432.	71422.	71437.	71437.	71671.	71552.
		6			71580.	71408.	71360.	71408.	71614.	71470.	71312.	71293.
61	3	5	0.400	0.00	0.00	70326.	71595.	71595.	71595.	71580.	71815.	71695.
		6			71652.	71648.	71552.	71528.	71829.	71662.	71504.	71389.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
					P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
61	4	5	0.400	0.00	3.04 71676.	69637. 71719.	71633. 71648.	71619. 71528.	71643. 71829.	71600. 71753.	71815. 71600.	71710. 71293.
61	5	5	0.400	0.03	6.06 71628.	68947. 71648.	71585. 71600.	71585. 71480.	71590. 71734.	71557. 71710.	71815. 71552.	71686. 71341.
61	6	5	0.400	0.00	0.00 71748.	70326. 71743.	71691. 71648.	71681. 71648.	71695. 71925.	71671. 71753.	71911. 71600.	71791. 71437.
62	2	5	0.400	6.01	-6.08 71413.	70326. 71217.	71236. 71169.	71207. 71245.	71260. 71327.	71221. 71231.	71480. 71169.	71351. 71102.
62	3	5	0.400	5.98	-3.05 71557.	71016. 71336.	71336. 71288.	71303. 71293.	71370. 71518.	71341. 71327.	71576. 71217.	71461. 71150.
62	4	5	0.400	6.02	0.00 71604.	69637. 71456.	71427. 71336.	71422. 71336.	71432. 71710.	71389. 71470.	71624. 71264.	71509. 71245.
62	5	5	0.400	5.96	3.05 71533.	68947. 71480.	71418. 71360.	71403. 71336.	71427. 71686.	71389. 71518.	71624. 71264.	71509. 71150.
62	7	5	0.400	6.05	6.08 71341.	68947. 71408.	71293. 71288.	71274. 71197.	71308. 71494.	71269. 71375.	71480. 71217.	71375. 71011.
62	8	5	0.400	5.96	0.00 71628.	69637. 71480.	71437. 71360.	71413. 71384.	71461. 71710.	71413. 71422.	71671. 71312.	71542. 71197.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
63	1	5	6	0.400	15.01	-6.08 71226.	68947. 70953.	70958. 70877.	70915. 70958.	71001. 71059.	70963. 70948.	71197. 70834.	71078. 70819.
63	2	5	6	0.400	15.01	-3.04 71365.	68258. 71073.	71068. 70972.	71039. 70982.	71097. 71279.	71054. 71092.	71245. 70929.	71150. 70867.
63	3	5	6	0.400	14.94	0.00 71413.	68947. 71169.	71154. 71044.	71135. 71078.	71178. 71470.	71126. 71188.	71341. 70977.	71231. 70915.
63	4	5	6	0.400	14.94	3.06 71317.	68258. 71169.	71135. 71044.	71126. 71054.	71145. 71518.	71078. 71188.	71341. 70977.	71212. 70819.
63	5	5	6	0.400	14.93	6.09 70987.	67568. 71073.	70886. 70829.	70872. 70719.	70901. 71327.	70819. 70996.	71006. 70690.	70910. 70484.
63	6	5	6	0.400	14.94	0.00 71293.	68258. 71049.	71054. 70972.	71039. 70958.	71068. 71375.	71006. 71092.	71245. 70881.	71126. 70819.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
67	3	5	6	0.000	0.00	0.00 76134.	132379. 76062.	76220. 76278.	76258. 76249.	76182. 76234.	76211. 76215.	76373. 76244.	76292. 76345.
67	4	5	6	0.000	0.00	0.00 75971.	264758. 75871.	76072. 76182.	76134. 76033.	76014. 76115.	76211. 76124.	76282. 76100.	76244. 76206.
67	5	5	6	0.000	0.00	0.00 75923.	384727. 75823.	76014. 76134.	76067. 75962.	75962. 76038.	76258. 76076.	76187. 76052.	76220. 76110.
67	6	5	6	0.000	0.00	0.00 75971.	511590. 75847.	76076. 76254.	76129. 76033.	76024. 76038.	76306. 76124.	76234. 76100.	76268. 76249.
67	7	5	6	0.000	0.00	0.00 75947.	632938. 75823.	76081. 76278.	76129. 76081.	76033. 75990.	76330. 76124.	76234. 76100.	76282. 76297.
67	8	5	6	0.000	0.00	0.00 75875.	753596. 75775.	76057. 76254.	76115. 76081.	75995. 75942.	76354. 76124.	76234. 76052.	76292. 76345.
68	2	5	6	0.400	-3.98	0.00 70632.	579159. 70206.	69953. 69890.	69986. 68957.	69919. 71542.	0. 69761.	69866. 69876.	69866. 68770.
68	3	5	6	0.400	0.03	0.00 70632.	577091. 70254.	69991. 69890.	70044. 68981.	69938. 71758.	0. 69857.	69962. 69876.	69962. 68674.
68	4	5	6	0.400	2.01	0.00 70513.	577091. 70206.	69924. 69866.	69972. 68933.	69881. 71662.	0. 69809.	69866. 69780.	69866. 68626.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
68	5	5	6	0.400	3.98	0.00 70537.	578470. 70182.	69938. 69914.	69972. 69005.	69909. 71662.	0. 69809.	69914. 69780.	69914. 68626.
68	6	5	6	0.400	6.01	0.00 70537.	579849. 70111.	69929. 69914.	69957. 69028.	69895. 71518.	0. 69809.	69914. 69780.	69914. 68722.
68	7	5	6	0.400	7.98	0.00 70537.	570885. 70063.	69914. 69914.	69933. 69052.	69890. 71422.	0. 69809.	69866. 69732.	69866. 68770.
68	8	5	6	0.400	10.02	0.00 70585.	572954. 69847.	69771. 69694.	69799. 68837.	69742. 71231.	0. 69665.	69771. 69637.	69771. 68674.
68	9	5	6	0.400	14.96	0.00 70609.	573643. 69225.	69258. 69043.	69244. 68219.	69273. 70532.	0. 69095.	69201. 69062.	69201. 68291.
68	10	5	6	0.400	20.19	0.00 70680.	575022. 69105.	69225. 69043.	69215. 68124.	69239. 70556.	0. 69143.	69153. 68966.	69153. 68195.
68	11	5	6	0.400	-0.02	0.00 70680.	573643. 70254.	70005. 69914.	70058. 68957.	69953. 71829.	0. 69857.	69914. 69876.	69914. 68674.
69	3	5	6	0.400	0.00	-6.06 0.	566059. 68789.	68789. 68732.	68928. 68291.	68602. 70072.	0. 68861.	68918. 68727.	68918. 68052.
69	4	5	6	0.400	0.00	-3.04 0.	567438. 69081.	68880. 68851.	69000. 68219.	68717. 70364.	0. 68861.	68870. 68823.	68870. 67961.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
69	5	5 6	0.400	0.00	0.00	569506. 0. 69321.	68976. 68971.	69086. 68195.	68827. 70843.	0. 68909.	68966. 68870.	68966. 67721.
69	6	5 6	0.400	0.00	3.04 0. 69464.	570885. 69143.	68971. 69143.	69009. 68171.	68923. 70192.	0. 68957.	68966. 69158.	68966. 67721.
69	7	5 6	0.400	0.00	6.07 0. 69273.	571575. 69091.	68732. 69091.	68669. 68076.	68813. 68894.	0. 69000.	68918. 68966.	68918. 67817.
69	8	5 6	0.400	0.00	0.00 0. 69368.	563301. 69043.	69052. 69043.	69167. 68291.	68899. 70939.	0. 68957.	68966. 68966.	68966. 67817.
70	1	5 6	0.400	6.00	-6.08 0. 68842.	568128. 68708.	68770. 68708.	68880. 68315.	68621. 70024.	0. 68813.	68966. 68727.	68966. 67961.
70	2	5 6	0.400	5.98	-3.05 0. 68866.	568128. 68660.	68669. 68660.	68760. 68100.	68540. 70168.	0. 68669.	68775. 68631.	68775. 67578.
70	3	5 6	0.400	5.99	0.00 0. 69009.	568817. 68803.	68789. 68803.	68894. 68124.	68645. 70460.	0. 68717.	68823. 68679.	68823. 67721.
70	4	5 6	0.400	5.99	3.05 0. 69177.	568817. 68971.	68856. 68971.	68937. 68100.	68751. 70293.	0. 68813.	68823. 68823.	68823. 67817.
70	5	5 6	0.400	5.98	6.08 0. 69249.	569506. 69067.	68813. 69067.	68832. 68052.	68789. 69546.	0. 68909.	68823. 69014.	68823. 67865.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
70	6	5	0.400	6.00	0.00	565370. 0. 69225.	68990. 69019.	69086. 68339.	68861. 70652.	0. 68957.	69057. 68870.	69057. 67865.
71	1	5	0.400	14.99	-6.09	569506. 0. 68358.	68320. 68224.	68449. 67836.	68138. 69785.	0. 68430.	68631. 68200.	68631. 67386.
71	2	5	0.400	14.97	-3.04	568817. 0. 68406.	68368. 68368.	68502. 67788.	68191. 69833.	0. 68387.	68535. 68296.	68535. 67482.
71	3	5	0.400	14.98	0.00	569506. 0. 68669.	68526. 68492.	68674. 67836.	68334. 70000.	0. 68526.	68631. 68440.	68631. 67721.
71	4	5	0.400	14.98	3.06	569506. 0. 68937.	68636. 68660.	68756. 67836.	68478. 70048.	0. 68621.	68631. 68583.	68631. 67769.
71	5	5	0.400	14.98	6.09	564680. 0. 68717.	68406. 68564.	68516. 67477.	68253. 69665.	0. 68430.	68392. 68487.	68392. 67482.
71	6	5	0.400	14.98	0.00	566749. 0. 68574.	68444. 68416.	68593. 67740.	68243. 69929.	0. 68430.	68535. 68392.	68535. 67626.
72	3	5	0.400	0.00	0.00	77910. 0. 70714.	70728. 70733.	70743. 70671.	70704. 71035.	0. 70709.	70819. 70690.	70819. 70532.
72	4	5	0.400	0.00	0.00	77910. 0. 70690.	70704. 70685.	70723. 70647.	70671. 71011.	0. 70709.	70819. 70642.	70819. 70532.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
72	6	5	0.400	-0.01	0.00	73773.	70743.	70762.	70723.	0.	70862.	70862.
		6			0.	70738.	70733.	70695.	71011.	70757.	70690.	70580.
72	7	5	0.400	0.00	0.00	73773.	70767.	70790.	70738.	0.	70862.	70862.
		6			0.	70738.	70757.	70719.	71035.	70805.	70690.	70628.
73	1	5	0.400	5.99	-6.08	68258.	70307.	70293.	70321.	0.	70484.	70484.
		6			0.	70302.	70297.	70360.	70436.	70283.	70211.	70245.
73	2	5	0.400	5.99	-3.05	69637.	70398.	70383.	70417.	0.	70628.	70628.
		6			0.	70422.	70417.	70407.	70556.	70331.	70355.	70293.
73	3	5	0.400	5.99	0.00	68258.	70503.	70503.	70503.	0.	70676.	70676.
		6			0.	70541.	70494.	70479.	70747.	70522.	70403.	70340.
73	4	5	0.400	6.00	3.05	67568.	70522.	70527.	70513.	0.	70628.	70628.
		6			0.	70589.	70494.	70455.	70795.	70570.	70451.	70293.
73	5	5	0.400	5.99	6.08	67568.	70441.	70436.	70451.	0.	70580.	70580.
		6			0.	70541.	70465.	70340.	70628.	70522.	70403.	70197.
73	6	5	0.400	5.99	0.00	68258.	70537.	70541.	70527.	0.	70676.	70676.
		6			0.	70565.	70518.	70503.	70795.	70522.	70451.	70388.
74	5	5	0.700	-3.99	0.00	48263.	37126.	37078.	37179.	0.	37021.	37021.
		6			37279.	37260.	37126.	37049.	37456.	36973.	37040.	36839.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
74	6	5	0.700	0.00	0.00	48263.	37001.	36958.	37049.	0.	36877.	36877.
		6			37088.	37212.	36982.	36910.	37313.	36925.	36896.	36695.
74	7	5	0.700	2.00	0.00	47573.	36968.	36901.	37035.	0.	36877.	36877.
		6			37088.	37188.	36934.	36934.	37289.	36829.	36848.	36647.
74	8	5	0.700	3.99	0.00	48263.	36853.	36815.	36891.	0.	36781.	36781.
		6			36992.	37021.	36767.	36791.	37169.	36781.	36705.	36599.
74	9	5	0.700	6.00	0.00	47573.	36767.	36705.	36834.	0.	36690.	36690.
		6			36973.	36949.	36695.	36719.	37121.	36637.	36609.	36456.
74	10	5	0.700	7.97	0.00	47573.	36633.	36570.	36695.	0.	36594.	36594.
		6			36901.	36805.	36523.	36551.	37001.	36499.	36465.	36312.
74	11	5	0.700	10.00	0.00	48263.	36475.	36393.	36556.	0.	36451.	36451.
		6			36829.	36637.	36379.	36384.	36834.	36307.	36321.	36120.
74	12	5	0.700	14.96	0.00	48263.	35809.	35728.	35886.	0.	35737.	35737.
		6			36283.	35986.	35632.	35646.	36302.	35642.	35555.	35407.
74	13	5	0.700	20.28	0.00	48263.	34751.	34713.	34785.	0.	34741.	34741.
		6			35191.	34885.	34545.	34526.	35196.	34598.	34598.	34454.
74	14	5	0.700	0.00	0.00	47573.	37217.	37183.	37250.	0.	37164.	37164.
		6			37303.	37404.	37174.	37121.	37504.	37159.	37135.	36934.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
75	3	5	0.700	0.00	-6.11 36853.	50331. 36661.	36681. 36594.	36647. 36743.	36714. 36786.	36714. 36590.	36690. 36609.	36700. 36599.
75	4	5	0.700	0.00	-3.06 37111.	50331. 36973.	36877. 36791.	36843. 36767.	36910. 37145.	36853. 36829.	36829. 36752.	36843. 36647.
75	5	5	0.700	0.00	0.00 37064.	50331. 37116.	36968. 36934.	36944. 36839.	36987. 37265.	36925. 36973.	36877. 36896.	36901. 36647.
75	6	5	0.700	0.00	3.07 37040.	50331. 37021.	36863. 36791.	36839. 36719.	36891. 37121.	36805. 36877.	36781. 36800.	36795. 36551.
75	7	5	0.700	0.00	6.12 36829.	50331. 36877.	36752. 36863.	36724. 36575.	36786. 36858.	36738. 36829.	36690. 36800.	36714. 36408.
75	8	5	0.700	0.00	0.00 37159.	50331. 37188.	37040. 36982.	37016. 36910.	37059. 37313.	36973. 37068.	36925. 36944.	36949. 36743.
76	1	5	0.700	5.99	-6.15 36757.	50331. 36542.	36489. 36379.	36456. 36432.	36527. 36786.	36475. 36355.	36403. 36369.	36441. 36312.
76	2	5	0.700	5.99	-3.08 36992.	50331. 36757.	36676. 36570.	36633. 36551.	36719. 36977.	36618. 36590.	36594. 36561.	36604. 36408.
76	3	5	0.700	6.00	0.00 37064.	51021. 36973.	36848. 36743.	36824. 36719.	36872. 37169.	36781. 36829.	36738. 36752.	36757. 36551.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C	
							P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
76	4	5	6	0.700	5.99	3.09 36992.	50331. 37068.	36839. 36791.	36791. 36719.	36891. 37169.	36762. 36877.	36690. 36705.	36724. 36408.	
76	5	5	6	0.700	5.99	6.15 36733.	51021. 36829.	36618. 36618.	36575. 36456.	36661. 36834.	36570. 36685.	36499. 36561.	36532. 36216.	
76	6	5	6	0.700	5.99	0.00 37135.	50331. 37044.	36925. 36839.	36891. 36815.	36958. 37241.	36853. 36925.	36829. 36800.	36843. 36599.	
77	1	5	6	0.700	14.98	-6.15 35833.	50331. 35507.	35426. 35292.	35330. 35431.	35517. 35484.	35431. 35311.	35359. 35268.	35393. 35263.	
77	2	5	6	0.700	14.96	-3.07 36331.	50331. 35938.	35828. 35704.	35742. 35670.	35910. 36087.	35785. 35737.	35737. 35651.	35761. 35503.	
77	3	5	6	0.700	14.98	0.00 36470.	50331. 36130.	35982. 35824.	35910. 35790.	36053. 36422.	35905. 35929.	35881. 35795.	35891. 35503.	
77	4	5	6	0.700	14.98	3.09 35948.	50331. 35938.	35680. 35464.	35656. 35455.	35704. 36207.	35546. 35737.	35503. 35460.	35527. 35215.	
77	5	5	6	0.700	14.99	6.16 35498.	50331. 35843.	35402. 35268.	35369. 35120.	35436. 35871.	35239. 35498.	35215. 35172.	35225. 34933.	
77	6	5	6	0.700	14.97	0.00 36379.	51021. 36034.	35886. 35728.	35814. 35670.	35953. 36326.	35809. 35833.	35785. 35651.	35800. 35455.	

TABLE V
MODEL PRESSURES

Run	Pt	α	M	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
				P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
78	6	-4.01	0.800	0.00 31567.	44126. 31514.	31351. 31337.	31294. 31232.	31414. 31653.	31299. 31313.	31270. 31184.	31284. 31021.
78	7	0.00	0.800	0.00 31308.	44126. 31390.	31179. 31117.	31146. 31040.	31213. 31438.	31083. 31170.	31126. 31088.	31103. 30877.
78	8	1.99	0.800	0.00 31165.	44126. 31270.	31045. 30973.	31016. 30897.	31079. 31318.	30940. 31074.	30983. 30897.	30959. 30787.
78	9	4.02	0.800	0.00 31069.	44126. 31174.	30945. 30854.	30906. 30825.	30983. 31198.	30820. 30978.	30839. 30801.	30830. 30643.
78	10	5.99	0.800	0.00 31021.	44126. 31079.	30858. 30758.	30820. 30729.	30897. 31150.	30748. 30930.	30743. 30657.	30748. 30547.
78	11	7.95	0.800	0.00 30949.	44126. 30959.	30739. 30614.	30700. 30585.	30777. 31050.	30628. 30786.	30652. 30561.	30638. 30403.
78	12	10.00	0.800	0.00 30806.	44815. 30715.	30514. 30346.	30480. 30327.	30547. 30882.	30413. 30547.	30461. 30322.	30437. 30164.
78	13	14.95	0.800	0.00 29925.	44126. 29704.	29475. 29331.	29384. 29297.	29566. 29896.	29408. 29455.	29412. 29216.	29412. 28972.
78	14	20.32	0.800	0.00 28349.	44126. 28139.	27909. 27693.	27866. 27650.	27957. 28402.	27760. 27880.	27842. 27679.	27804. 27497.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
78	15	5	0.800	0.00	0.00	44126.	31313.	31275.	31347.	31179.	31222.	31198.
		6			31428.	31514.	31265.	31184.	31581.	31409.	31184.	30925.
79	1	5	0.800	0.00	-6.14	44126.	31103.	31055.	31155.	31059.	31079.	31069.
		6			31261.	31174.	31021.	31160.	31222.	31074.	30945.	30973.
79	2	5	0.800	-0.01	-3.08	44126.	31342.	31304.	31380.	31251.	31270.	31261.
		6			31567.	31462.	31265.	31232.	31557.	31361.	31184.	31117.
79	3	5	0.800	0.00	0.00	44126.	31442.	31399.	31486.	31299.	31318.	31308.
		6			31543.	31658.	31409.	31328.	31701.	31500.	31280.	31117.
79	4	5	0.800	0.00	3.08	44126.	31337.	31294.	31380.	31203.	31222.	31213.
		6			31495.	31562.	31265.	31208.	31557.	31452.	31184.	30973.
79	5	5	0.800	0.00	6.14	44815.	31165.	31112.	31213.	31083.	31079.	31079.
		6			31261.	31342.	31241.	31016.	31270.	31217.	31136.	30834.
79	6	5	0.800	0.00	0.00	44126.	31500.	31471.	31529.	31371.	31409.	31390.
		6			31591.	31706.	31433.	31375.	31749.	31596.	31328.	31213.
80	1	5	0.800	5.99	-6.17	44126.	30796.	30763.	30830.	30700.	30743.	30724.
		6			30997.	30935.	30662.	30729.	31050.	30786.	30561.	30643.
80	3	5	0.800	5.99	-3.09	44126.	31088.	31055.	31117.	30940.	31031.	30983.
		6			31332.	31270.	30949.	30921.	31462.	31122.	30849.	30787.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
80	4	5	0.800	6.00	0.00	44815.	31184.	31146.	31222.	31035.	31079.	31055.
		6			31332.	31414.	31069.	31064.	31486.	31265.	30945.	30877.
80	5	5	0.800	6.00	3.10	44126.	31117.	31074.	31165.	30964.	31031.	30997.
		6			31261.	31414.	31045.	30945.	31390.	31265.	30897.	30739.
80	6	5	0.800	6.00	6.17	44126.	30863.	30801.	30921.	30724.	30791.	30758.
		6			30997.	31150.	30830.	30705.	31074.	31026.	30657.	30451.
80	7	5	0.800	5.98	0.00	44126.	31246.	31203.	31294.	31083.	31174.	31126.
		6			31404.	31486.	31141.	31136.	31533.	31313.	31040.	30925.
81	1	5	0.800	14.98	-6.19	44126.	29197.	29096.	29297.	29144.	29226.	29183.
		6			29542.	29345.	29068.	29226.	29221.	29168.	28929.	29068.
81	2	5	0.800	14.97	-3.09	44126.	29642.	29532.	29752.	29527.	29604.	29566.
		6			30140.	29848.	29527.	29489.	29920.	29599.	29360.	29259.
81	3	5	0.800	14.98	0.00	44126.	29762.	29676.	29848.	29623.	29700.	29661.
		6			30212.	29996.	29599.	29585.	30159.	29834.	29455.	29259.
81	5	5	0.800	14.93	3.10	44126.	29680.	29613.	29752.	29479.	29508.	29494.
		6			29996.	30020.	29479.	29513.	30183.	29786.	29312.	29163.
81	6	5	0.800	14.98	6.20	44126.	29293.	29269.	29317.	29001.	29130.	29063.
		6			29326.	29848.	29139.	28943.	29676.	29642.	28977.	28785.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
81	7	5	6	0.800	14.97	0.00 30044.	44126. 29824.	29609. 29455.	29527. 29441.	29690. 30040.	29455. 29690.	29508. 29264.	29484. 29115.
82	4	5	6	1.000	-3.98	0.00 19717.	39989. 19755.	19559. 19583.	19525. 19300.	19587. 19889.	19415. 19549.	19094. 19367.	19252. 19300.
82	5	5	6	1.000	-0.01	0.00 19860.	39989. 19951.	19707. 19750.	19650. 19492.	19764. 20061.	19606. 19693.	19238. 19463.	19420. 19396.
82	6	5	6	1.000	1.98	0.00 19693.	39989. 19879.	19621. 19606.	19616. 19324.	19626. 19918.	19439. 19741.	19190. 19463.	19314. 19348.
82	7	5	6	1.000	4.01	0.00 19482.	39989. 19731.	19415. 19362.	19425. 19037.	19405. 19769.	19199. 19501.	19046. 19271.	19123. 19156.
82	8	5	6	1.000	6.01	0.00 19243.	39989. 19300.	19075. 18979.	19094. 18702.	19056. 19458.	18864. 19214.	18711. 18888.	18788. 18821.
82	9	5	6	1.000	7.98	0.00 19051.	39989. 18936.	18735. 18639.	18716. 18395.	18754. 19094.	18577. 18788.	18381. 18548.	18476. 18443.
82	10	5	6	1.000	9.99	0.00 18620.	39989. 18553.	18342. 18275.	18304. 18084.	18386. 18639.	18218. 18405.	17998. 18165.	18108. 18012.
82	11	5	6	1.000	15.00	0.00 17763.	39989. 17567.	17380. 17241.	17347. 17078.	17414. 17672.	17212. 17404.	17002. 17155.	17107. 17155.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
82	12	5	1.000	20.52	0.01	39989.	16829.	16772.	16892.	16662.	16480.	16571.
		6			17332.	17011.	16686.	16533.	17045.	16834.	16580.	16628.
82	13	5	1.000	-0.01	0.00	39300.	19784.	19741.	19827.	19630.	19425.	19530.
		6			19932.	20023.	19822.	19539.	20085.	19879.	19559.	19444.
83	1	5	1.000	-0.01	-6.18	39989.	19372.	19338.	19410.	19295.	19190.	19243.
		6			19693.	19396.	19338.	19204.	19338.	19453.	19271.	19300.
83	2	5	1.000	-0.02	-3.10	39989.	19463.	19362.	19559.	19415.	19142.	19276.
		6			19741.	19611.	19535.	19348.	19530.	19453.	19271.	19204.
83	3	5	1.000	0.00	0.00	39989.	19630.	19602.	19659.	19463.	19238.	19348.
		6			19764.	19855.	19654.	19372.	19918.	19693.	19463.	19348.
83	4	5	1.000	0.00	3.10	39989.	19688.	19659.	19717.	19463.	19238.	19348.
		6			19764.	20095.	19654.	19348.	20037.	19788.	19463.	19348.
83	5	5	1.000	-0.01	6.18	39989.	19353.	19281.	19420.	19152.	18951.	19051.
		6			19645.	19587.	19458.	18989.	19578.	19405.	19223.	18917.
83	6	5	1.000	0.00	0.00	39989.	19640.	19587.	19697.	19487.	19190.	19338.
		6			19788.	19903.	19678.	19420.	19942.	19741.	19367.	19300.
84	1	5	1.000	5.99	-6.23	39300.	18601.	18596.	18601.	18362.	18237.	18299.
		6			18931.	18840.	18376.	18251.	19046.	18692.	18261.	18395.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
84	2	5	1.000	6.00	-3.12 19099.	39989. 19276.	18917. 18831.	18879. 18606.	18955. 19362.	18721. 19070.	18429. 18548.	18572. 18534.
84	3	5	1.000	5.99	0.00 19195.	39989. 19276.	18994. 18931.	18965. 18678.	19018. 19362.	18793. 19118.	18572. 18740.	18682. 18630.
84	4	5	1.000	5.99	3.14 19267.	39989. 19324.	19022. 19003.	18984. 18654.	19061. 19482.	18793. 19118.	18572. 18740.	18682. 18582.
84	5	5	1.000	6.01	6.25 18955.	39989. 18888.	18591. 18496.	18534. 18275.	18654. 18927.	18362. 18740.	18141. 18309.	18251. 18156.
84	6	5	1.000	5.99	0.00 19290.	39989. 19396.	19080. 19051.	19032. 18797.	19132. 19530.	18864. 19166.	18620. 18740.	18740. 18678.
85	1	5	1.000	14.98	-6.26 17859.	39989. 17686.	17509. 17337.	17495. 17222.	17524. 17744.	17260. 17643.	17193. 17251.	17227. 17347.
85	2	5	1.000	14.97	-3.13 17811.	39989. 17591.	17404. 17289.	17351. 17126.	17452. 17600.	17189. 17500.	17002. 17107.	17098. 17203.
85	3	5	1.000	14.98	0.01 17835.	39989. 17663.	17428. 17337.	17361. 17150.	17495. 17720.	17236. 17452.	16954. 17107.	17098. 17155.
85	4	5	1.000	14.97	3.15 17691.	39989. 17567.	17313. 17193.	17256. 17035.	17370. 17648.	17069. 17356.	16858. 17011.	16963. 17011.

TABLE V
MODEL PRESSURES

Run	Pt	α	M	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
				P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
85	5	14.97	1.000	6.27 17835.	39989. 17663.	17461. 17385.	17399. 17222.	17528. 17648.	17284. 17548.	17002. 17155.	17145. 17251.
85	6	14.98	1.000	0.00 17643.	39989. 17447.	17256. 17117.	17222. 16963.	17294. 17505.	17021. 17356.	16858. 16963.	16940. 17059.
86	7	-4.00	1.100	0.00 16355.	42058. 16456.	16298. 16298.	16260. 16221.	16331. 16518.	16236. 16355.	16001. 16150.	16116. 16011.
86	8	-0.01	1.100	0.00 16523.	42058. 16700.	16480. 16466.	16451. 16365.	16513. 16758.	16403. 16547.	16240. 16293.	16322. 16202.
86	9	2.01	1.100	0.00 16403.	42058. 16600.	16365. 16274.	16370. 16150.	16355. 16686.	16260. 16499.	16097. 16197.	16178. 16106.
86	10	4.01	1.100	0.01 16308.	41368. 16264.	16111. 16082.	16092. 15886.	16135. 16274.	16020. 16169.	15905. 16006.	15963. 15915.
86	11	6.00	1.100	0.01 15810.	41368. 15757.	15656. 15551.	15671. 15460.	15642. 15795.	15541. 15786.	15527. 15618.	15532. 15484.
86	12	7.98	1.100	0.01 15474.	42058. 15374.	15273. 15115.	15288. 15053.	15254. 15551.	15111. 15359.	15096. 15187.	15106. 15058.
86	13	10.01	1.100	0.01 15020.	41368. 14818.	14737. 14488.	14766. 14478.	14704. 15144.	14536. 14833.	14526. 14613.	14531. 14483.

TABLE V
MODEL PRESSURES

Run	Pt	α	M	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
				P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
86	14	15.01	1.100	0.01 14186.	42058. 13952.	13827. 13617.	13808. 13621.	13846. 14177.	13674. 13784.	13578. 13698.	13626. 13578.
86	15	20.50	1.100	0.01 14067.	42058. 13784.	13655. 13425.	13650. 13358.	13660. 14105.	13435. 13688.	13435. 13459.	13435. 13339.
86	16	0.00	1.100	0.00 16403.	41368. 16576.	16303. 16346.	16212. 16245.	16394. 16614.	16284. 16264.	15953. 16054.	16116. 15915.
87	1	-0.02	1.100	-6.19 16188.	42058. 16145.	16035. 16059.	15987. 15934.	16082. 16154.	15924. 16073.	15766. 15857.	15843. 15867.
87	2	-0.03	1.100	-3.10 16451.	42058. 16480.	16327. 16298.	16288. 16245.	16370. 16542.	16260. 16403.	16049. 16150.	16154. 16059.
87	3	0.00	1.100	0.00 16475.	41368. 16647.	16442. 16418.	16408. 16341.	16470. 16686.	16331. 16499.	16193. 16245.	16260. 16202.
87	4	0.00	1.100	3.11 16475.	42058. 16552.	16394. 16298.	16394. 16245.	16394. 16638.	16236. 16499.	16145. 16245.	16188. 16202.
87	5	0.00	1.100	6.20 16308.	42058. 16145.	16035. 15934.	16001. 15886.	16068. 16202.	15948. 16121.	15857. 15857.	15905. 15819.
87	6	-0.01	1.100	0.00 16523.	42058. 16700.	16470. 16466.	16427. 16389.	16518. 16758.	16379. 16547.	16145. 16197.	16260. 16202.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{c1}	P _{c2}	P _c
							P ₁	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
88	1	5	6	1.100	6.00	-6.25 15427.	41368. 15182.	15139. 14972.	15134. 15005.	15144. 15359.	14967. 15168.	14909. 14948.	14938. 15058.
88	2	5	6	1.100	6.00	-3.13 15810.	42058. 15733.	15537. 15551.	15446. 15412.	15628. 15891.	15446. 15450.	15240. 15235.	15345. 15201.
88	3	5	6	1.100	6.00	0.00 15881.	42058. 15829.	15647. 15671.	15556. 15556.	15733. 15867.	15541. 15642.	15383. 15427.	15460. 15297.
88	4	5	6	1.100	5.99	3.15 15690.	42058. 15685.	15498. 15431.	15474. 15292.	15522. 15819.	15326. 15642.	15240. 15283.	15283. 15154.
88	5	5	6	1.100	5.99	6.27 15283.	42058. 15326.	15134. 15043.	15120. 14957.	15154. 15407.	14943. 15312.	14862. 14996.	14900. 14771.
88	6	5	6	1.100	5.99	0.00 15905.	42058. 15829.	15642. 15695.	15527. 15575.	15752. 15891.	15565. 15642.	15336. 15379.	15450. 15201.
89	1	5	6	1.100	14.97	-6.29 14139.	42058. 13928.	13918. 13665.	13971. 13741.	13870. 14009.	13650. 14071.	13765. 13842.	13708. 13961.
89	2	5	6	1.100	14.96	-3.14 14115.	42058. 13856.	13765. 13617.	13732. 13621.	13803. 14009.	13554. 13736.	13435. 13554.	13497. 13626.
89	3	5	6	1.100	14.97	0.01 14139.	42058. 13880.	13760. 13593.	13712. 13597.	13803. 14081.	13554. 13784.	13483. 13507.	13521. 13483.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
89	4	5	1.100	14.97	3.17 14067.	42058. 13904.	13722. 13545.	13674. 13574.	13775. 14057.	13507. 13832.	13387. 13459.	13449. 13339.
89	5	5	1.100	14.98	6.32 14162.	42058. 14048.	13832. 13717.	13755. 13693.	13904. 14105.	13626. 13928.	13435. 13602.	13530. 13387.
89	6	5	1.100	14.97	0.01 14162.	42058. 13904.	13813. 13641.	13784. 13645.	13837. 14129.	13578. 13928.	13530. 13602.	13554. 13483.
90	3	5	0.900	-4.00	0.00 26966.	42058. 26717.	26520. 26410.	26420. 26362.	26616. 26832.	26516. 26501.	26511. 26334.	26516. 26018.
90	4	5	0.900	0.01	0.00 26990.	42058. 26985.	26774. 26654.	26731. 26650.	26817. 27124.	26731. 26788.	26702. 26621.	26717. 26401.
90	5	5	0.900	2.00	0.01 26894.	41368. 27009.	26793. 26702.	26779. 26626.	26808. 27076.	26731. 26836.	26750. 26669.	26741. 26544.
90	6	5	0.900	3.99	0.00 26846.	42058. 26937.	26755. 26630.	26755. 26602.	26755. 27028.	26707. 26836.	26702. 26669.	26702. 26496.
90	7	5	0.900	6.00	0.01 26894.	42058. 26841.	26678. 26559.	26654. 26506.	26698. 27004.	26635. 26741.	26607. 26525.	26621. 26353.
90	8	5	0.900	8.00	0.01 26372.	42058. 26310.	26200. 26027.	26228. 25960.	26166. 26449.	26085. 26358.	26276. 26190.	26180. 25922.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
90	9	5	0.900	9.99	0.01 26133.	42058. 25970.	25845. 25711.	25831. 25625.	25860. 26133.	25773. 25931.	25845. 25754.	25812. 25496.
90	10	5 6	0.900	14.97	0.01 24371.	42058. 24332.	24184. 23830.	24265. 23858.	24098. 24615.	24007. 24404.	24280. 24122.	24141. 23920.
90	11	5 6	0.900	20.37	0.00 22700.	42058. 22551.	22398. 22068.	22455. 22068.	22345. 22810.	22235. 22546.	22422. 22297.	22331. 22158.
90	12	5 6	0.900	0.00	0.00 26894.	42058. 26913.	26650. 26607.	26554. 26554.	26741. 27076.	26683. 26645.	26511. 26382.	26597. 26113.
91	1	5 6	0.900	0.00	-6.15 26109.	41368. 25778.	26056. 25735.	26080. 26506.	26032. 25654.	26156. 26166.	26228. 25998.	26190. 26496.
91	2	5 6	0.900	0.00	-3.08 26870.	42058. 26621.	26563. 26482.	26472. 26650.	26659. 26616.	26683. 26549.	26607. 26382.	26645. 26353.
91	3	5 6	0.900	-0.01	0.00 26894.	42058. 26889.	26702. 26559.	26683. 26554.	26721. 27028.	26635. 26788.	26654. 26525.	26645. 26401.
91	4	5 6	0.900	-0.01	3.09 26707.	42058. 26937.	26621. 26535.	26607. 26362.	26635. 26956.	26540. 26788.	26511. 26477.	26525. 26209.
91	5	5 6	0.900	0.00	6.17 25965.	42058. 26334.	26061. 26362.	26037. 25673.	26085. 25869.	26156. 26310.	26180. 26286.	26166. 25687.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
91	6	5	0.900	0.00	0.01 26966.	42058. 26985.	26765. 26654.	26721. 26626.	26808. 27124.	26707. 26836.	26654. 26573.	26683. 26353.
92	1	5	0.900	5.98	-6.17 26396.	42058. 26214.	26190. 26027.	26147. 26291.	26233. 26257.	26252. 26214.	26228. 25998.	26238. 26113.
92	2	5	0.900	5.99	-3.09 26611.	42058. 26525.	26429. 26410.	26367. 26410.	26492. 26472.	26492. 26549.	26420. 26286.	26453. 26161.
92	3	5	0.900	5.97	0.01 26870.	42058. 26789.	26630. 26511.	26602. 26458.	26659. 26980.	26587. 26693.	26511. 26477.	26549. 26257.
92	4	5	0.900	5.98	3.11 26563.	41368. 26765.	26472. 26386.	26458. 26219.	26482. 26832.	26396. 26645.	26420. 26334.	26405. 26018.
92	5	5	0.900	5.98	6.19 26252.	42058. 26429.	26166. 26099.	26137. 25984.	26190. 26377.	26133. 26358.	26133. 26046.	26133. 25778.
92	6	5	0.900	5.99	0.01 26870.	42058. 26817.	26630. 26511.	26587. 26482.	26669. 26980.	26611. 26741.	26559. 26429.	26587. 26209.
93	1	5	0.900	14.98	-6.22 24179.	42058. 23901.	23796. 23638.	23719. 23786.	23877. 23868.	23887. 23834.	23849. 23595.	23868. 23590.
93	2	5	0.900	14.94	-3.10 24509.	42058. 24284.	24064. 23901.	23968. 23930.	24155. 24423.	24126. 24074.	23944. 23739.	24035. 23633.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
93	3	5	0.900	14.96	0.01 24414.	42058. 24380.	24093. 23853.	24045. 23906.	24141. 24687.	24055. 24217.	23992. 23739.	24021. 23542.
93	4	5	0.900	14.99	3.13 24179.	42058. 24452.	23983. 23758.	23944. 23715.	24026. 24567.	23911. 24169.	23801. 23643.	23853. 23399.
93	5	5	0.900	14.98	6.24 23820.	42058. 24380.	23772. 23662.	23734. 23379.	23810. 24256.	23648. 24026.	23609. 23547.	23628. 23111.
93	6	5	0.900	14.96	0.01 24462.	42058. 24452.	24112. 23949.	24016. 23954.	24203. 24758.	24150. 24122.	23944. 23739.	24045. 23446.
94	3	5	0.400	-4.00	0.00 72572.	65500. 72385.	72390. 72390.	72356. 72356.	72423. 72471.	72404. 72294.	72591. 72385.	72500. 72265.
94	4	5	0.400	0.00	0.00 72500.	65500. 72337.	72342. 72342.	72313. 72308.	72371. 72447.	72356. 72294.	72495. 72289.	72428. 72217.
94	5	5	0.400	2.00	0.00 72476.	65500. 72361.	72361. 72366.	72337. 72332.	72385. 72495.	72356. 72294.	72495. 72289.	72428. 72265.
94	6	5	0.400	3.96	0.00 72428.	66189. 72337.	72332. 72342.	72318. 72284.	72347. 72471.	72308. 72294.	72495. 72289.	72404. 72217.
94	7	5	0.400	5.98	0.00 72452.	65500. 72313.	72323. 72342.	72294. 72284.	72347. 72471.	72308. 72246.	72495. 72241.	72404. 72217.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
94	8	5	0.400	7.98	0.00 72524.	65500. 72409.	72404. 72414.	72380. 72380.	72433. 72567.	72380. 72342.	72543. 72337.	72461. 72265.
94	9	5	0.400	9.99	0.00 72500.	66189. 72433.	72423. 72461.	72404. 72404.	72447. 72567.	72404. 72390.	72543. 72337.	72476. 72313.
94	10	5	0.400	14.99	0.00 72404.	66189. 72385.	72332. 72342.	72313. 72284.	72351. 72543.	72308. 72294.	72495. 72241.	72404. 72169.
94	11	5	0.400	20.20	0.00 72572.	66189. 72337.	72251. 72246.	72174. 72165.	72327. 72519.	72260. 72059.	72404. 72098.	72332. 72026.
94	12	5	0.400	0.00	0.00 72500.	66189. 72361.	72361. 72342.	72342. 72332.	72385. 72471.	72356. 72294.	72543. 72289.	72452. 72313.
95	1	5	0.400	0.00	-6.06 72074.	66879. 72074.	72083. 72074.	72069. 72189.	72102. 71944.	72117. 72011.	72308. 72098.	72213. 72217.
95	2	5	0.400	0.00	-3.04 72189.	66189. 72098.	72141. 72174.	72102. 72236.	72174. 72040.	72189. 72059.	72404. 72145.	72294. 72169.
95	3	5	0.400	0.00	0.00 72500.	66189. 72361.	72332. 72342.	72275. 72332.	72385. 72447.	72332. 72198.	72495. 72289.	72414. 72169.
95	4	5	0.400	0.00	3.04 72213.	65500. 72289.	72246. 72294.	72236. 72236.	72260. 72280.	72236. 72246.	72404. 72241.	72318. 72169.

TABLE V
MODEL PRESSURES

Run	Pt	5	6	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
						P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
95	5	5	6	0.400	0.00	6.06 72098.	66189. 72098.	72098. 72126.	72069. 72189.	72126. 71992.	72141. 72107.	72308. 72145.	72222. 72026.
95	6	5	6	0.400	0.00	0.00 72476.	66189. 72337.	72308. 72318.	72260. 72284.	72351. 72423.	72308. 72198.	72495. 72241.	72404. 72169.
96	1	5	6	0.400	5.99	-6.08 72356.	66189. 72145.	72179. 72126.	72141. 72260.	72222. 72232.	72236. 72059.	72404. 72098.	72318. 72169.
96	2	5	6	0.400	5.99	-3.05 72404.	65500. 72241.	72260. 72246.	72217. 72332.	72303. 72303.	72332. 72150.	72447. 72193.	72390. 72217.
96	3	5	6	0.400	5.99	0.00 72476.	66189. 72409.	72375. 72414.	72337. 72356.	72414. 72543.	72380. 72246.	72495. 72289.	72438. 72265.
96	4	5	6	0.400	5.99	3.05 72284.	66189. 72337.	72289. 72294.	72270. 72308.	72308. 72375.	72284. 72246.	72404. 72241.	72342. 72217.
96	5	5	6	0.400	5.99	6.08 72141.	65500. 72217.	72165. 72222.	72141. 72189.	72193. 72232.	72189. 72107.	72308. 72193.	72246. 72026.
96	6	5	6	0.400	5.99	0.00 72524.	65500. 72433.	72404. 72438.	72366. 72380.	72442. 72567.	72404. 72294.	72543. 72337.	72476. 72265.
97	1	5	6	0.400	14.98	-6.09 72500.	65500. 72289.	72241. 72174.	72179. 72236.	72299. 72447.	72260. 72107.	72447. 72098.	72356. 72074.

TABLE V
MODEL PRESSURES

Run	Pt	5	M	α	β	P _P	P _B	P _E	P _H	P _{C1}	P _{C2}	P _C
		6			P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
97	3	5	0.400	14.97	-3.05 72548.	66189. 72385.	72342. 72342.	72289. 72308.	72394. 72596.	72332. 72150.	72495. 72241.	72414. 72169.
97	4	5	0.400	14.99	0.00 72452.	66189. 72457.	72371. 72366.	72337. 72332.	72399. 72643.	72356. 72246.	72543. 72289.	72452. 72169.
97	5	5	0.400	14.98	3.06 72284.	65500. 72337.	72289. 72342.	72265. 72308.	72318. 72399.	72284. 72198.	72447. 72289.	72366. 72169.
97	6	5	0.400	14.97	6.10 72284.	66189. 72289.	72222. 72270.	72179. 72213.	72265. 72399.	72236. 72150.	72404. 72193.	72318. 71978.
97	7	5	0.400	14.96	0.00 72476.	66189. 72433.	72361. 72390.	72313. 72356.	72414. 72643.	72356. 72198.	72495. 72241.	72428. 72169.

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c_1}}$	$C_{p_{c_2}}$	C_{p_c}	
			8				C_{p_1}	C_{p_2}	C_{p_3}	C_{p_4}	C_{p_5}	C_{p_6}	C_{p_7}	C_{p_8}
6	15	7	8	0.400	0.00	0.00	-0.147	1.201	-0.147	-0.142	-0.153	-0.150	-0.186	-0.168
							-0.153	-0.153	-0.154	-0.157	-0.106	-0.126	-0.164	-0.172
6	16	7	8	0.400	0.00	0.00	-0.181	1.847	-0.173	-0.164	-0.181	-0.178	-0.211	-0.194
							-0.187	-0.187	-0.179	-0.179	-0.110	-0.158	-0.193	-0.194
6	17	7	8	0.400	0.00	0.00	-0.202	2.513	-0.195	-0.183	-0.207	-0.203	-0.235	-0.219
							-0.212	-0.212	-0.198	-0.216	-0.120	-0.179	-0.208	-0.225
6	18	7	8	0.400	0.00	0.00	-0.173	1.727	-0.168	-0.159	-0.176	-0.173	-0.206	-0.190
							-0.182	-0.182	-0.174	-0.174	-0.105	-0.153	-0.189	-0.190
6	19	7	8	0.400	0.00	0.00	-0.203	2.685	-0.199	-0.187	-0.211	-0.210	-0.246	-0.228
							-0.216	-0.216	-0.202	-0.223	-0.120	-0.187	-0.210	-0.232
6	20	7	8	0.400	0.00	0.00	-0.219	3.215	-0.216	-0.202	-0.229	-0.226	-0.262	-0.244
							-0.229	-0.229	-0.218	-0.251	-0.128	-0.203	-0.217	-0.261
6	21	7	8	0.400	0.00	0.00	-0.229	3.697	-0.227	-0.213	-0.241	-0.242	-0.281	-0.262
							-0.229	-0.236	-0.228	-0.270	-0.135	-0.211	-0.221	-0.286
6	22	7	8	0.400	0.00	0.00	-0.232	4.139	-0.238	-0.224	-0.253	-0.257	-0.292	-0.275
							-0.232	-0.245	-0.243	-0.290	-0.142	-0.222	-0.215	-0.315
6	23	7	8	0.400	0.01	0.00	-0.247	4.716	-0.254	-0.238	-0.270	-0.275	-0.316	-0.295
							-0.247	-0.254	-0.258	-0.320	-0.148	-0.235	-0.221	-0.348

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
6	24	7	8	0.400	0.00	0.00 -0.244	5.332 -0.261	-0.268 -0.280	-0.253 -0.351	-0.284 -0.132	-0.293 -0.254	-0.335 -0.237	-0.314 -0.386
6	25	7	8	0.400	0.00	0.00 -0.248	6.240 -0.265	-0.289 -0.311	-0.276 -0.387	-0.303 -0.116	-0.317 -0.283	-0.366 -0.272	-0.342 -0.432
6	26	7	8	0.400	0.01	0.00 -0.261	7.177 -0.290	-0.317 -0.340	-0.305 -0.425	-0.329 -0.120	-0.349 -0.314	-0.391 -0.310	-0.370 -0.476
6	27	7	8	0.400	0.00	0.00 -0.273	7.945 -0.305	-0.335 -0.355	-0.325 -0.449	-0.345 -0.114	-0.370 -0.332	-0.415 -0.346	-0.392 -0.506
6	28	7	8	0.400	0.01	0.00 -0.293	8.826 -0.333	-0.359 -0.377	-0.346 -0.483	-0.371 -0.127	-0.394 -0.352	-0.443 -0.366	-0.419 -0.540
6	29	7	8	0.400	0.01	0.00 -0.310	9.775 -0.363	-0.386 -0.398	-0.374 -0.521	-0.398 -0.148	-0.427 -0.385	-0.473 -0.390	-0.450 -0.573
6	30	7	8	0.400	0.02	0.00 -0.327	10.576 -0.382	-0.403 -0.417	-0.386 -0.552	-0.420 -0.159	-0.446 -0.401	-0.492 -0.394	-0.469 -0.589
6	31	7	8	0.400	0.02	0.00 -0.348	11.497 -0.408	-0.428 -0.443	-0.408 -0.593	-0.448 -0.174	-0.477 -0.434	-0.524 -0.403	-0.501 -0.622
6	32	7	8	0.400	0.01	0.00 -0.129	0.948 -0.129	-0.137 -0.142	-0.139 -0.142	-0.135 -0.112	-0.141 -0.114	-0.186 -0.165	-0.164 -0.163

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p_1}	C_{p_2}	C_{p_3}	C_{p_4}	C_{p_5}	C_{p_6}	C_{p_7}	C_{p_8}
7	2	7	8	0.400	-3.97	0.00 -0.123	0.968 -0.126	-0.132 -0.136	-0.132 -0.142	-0.132 -0.103	-0.135 -0.120	-0.132 -0.149	-0.133 -0.154
7	3	7	8	0.400	0.01	0.00 -0.127	0.974 -0.136	-0.141 -0.146	-0.142 -0.147	-0.139 -0.111	-0.140 -0.134	-0.142 -0.163	-0.141 -0.161
7	4	7	8	0.400	2.02	0.00 -0.126	0.982 -0.138	-0.144 -0.151	-0.148 -0.151	-0.141 -0.115	-0.147 -0.138	-0.147 -0.167	-0.147 -0.169
7	5	7	8	0.400	3.98	0.00 -0.133	0.975 -0.145	-0.151 -0.155	-0.154 -0.159	-0.148 -0.123	-0.152 -0.149	-0.148 -0.175	-0.150 -0.170
7	6	7	8	0.400	6.01	0.00 -0.141	0.981 -0.156	-0.160 -0.166	-0.163 -0.169	-0.158 -0.127	-0.162 -0.160	-0.159 -0.183	-0.160 -0.181
7	7	7	8	0.400	7.99	0.00 -0.142	0.981 -0.160	-0.168 -0.173	-0.172 -0.177	-0.163 -0.135	-0.170 -0.170	-0.166 -0.193	-0.168 -0.188
7	8	7	8	0.400	10.01	0.00 -0.148	0.981 -0.173	-0.179 -0.189	-0.183 -0.189	-0.175 -0.141	-0.179 -0.183	-0.178 -0.206	-0.179 -0.204
7	9	7	8	0.400	14.99	0.00 -0.180	0.973 -0.210	-0.216 -0.226	-0.221 -0.226	-0.211 -0.173	-0.216 -0.221	-0.216 -0.247	-0.216 -0.242
7	10	7	8	0.400	20.18	-0.00 -0.210	0.972 -0.246	-0.252 -0.263	-0.257 -0.268	-0.247 -0.212	-0.255 -0.258	-0.252 -0.281	-0.254 -0.278

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{PB}	C_{PE}	C_{PH}	C_{PC1}	C_{PC2}	C_{PC}
						C_{P1}	C_{P2}	C_{P3}	C_{P4}	C_{P5}	C_{P6}	C_{P7}	C_{P8}
7	11	7	8	0.400	-0.00	0.00 -0.126	0.983 -0.131	-0.138 -0.141	-0.140 -0.145	-0.136 -0.112	-0.141 -0.126	-0.137 -0.158	-0.139 -0.163
8	1	7	8	0.400	-0.01	-6.06 -0.143	0.990 -0.162	-0.159 -0.163	-0.164 -0.148	-0.154 -0.145	-0.150 -0.163	-0.149 -0.186	-0.150 -0.163
8	2	7	8	0.400	0.01	-3.04 -0.123	0.983 -0.141	-0.145 -0.150	-0.149 -0.148	-0.140 -0.118	-0.144 -0.148	-0.143 -0.170	-0.144 -0.159
8	3	7	8	0.400	0.01	0.00 -0.127	0.990 -0.130	-0.137 -0.143	-0.138 -0.140	-0.135 -0.111	-0.139 -0.125	-0.136 -0.156	-0.138 -0.161
8	4	7	8	0.400	-0.01	3.04 -0.136	0.989 -0.127	-0.139 -0.140	-0.139 -0.156	-0.140 -0.120	-0.146 -0.109	-0.145 -0.154	-0.146 -0.173
8	5	7	8	0.400	0.01	6.06 -0.145	0.982 -0.142	-0.148 -0.146	-0.147 -0.165	-0.150 -0.135	-0.152 -0.122	-0.151 -0.151	-0.151 -0.179
8	6	7	8	0.400	0.01	0.00 -0.129	0.982 -0.129	-0.137 -0.142	-0.138 -0.145	-0.136 -0.112	-0.141 -0.123	-0.135 -0.158	-0.138 -0.160
10	3	7	8	0.400	-0.00	0.00 -0.135	1.250 -0.141	-0.145 -0.154	-0.143 -0.160	-0.147 -0.112	-0.156 -0.135	-0.156 -0.161	-0.156 -0.163
10	4	7	8	0.400	-0.00	0.00 -0.138	1.264 -0.144	-0.147 -0.157	-0.144 -0.160	-0.150 -0.115	-0.156 -0.135	-0.156 -0.161	-0.156 -0.163

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
10	5	7	8	0.400	-0.00	-0.166	1.917 -0.160	-0.171 -0.179	-0.170 -0.183	-0.172 -0.138	-0.176 -0.164	-0.175 -0.184	-0.176 -0.192
10	6	7	8	0.400	-0.01	-0.189	2.650 -0.180	-0.194 -0.199	-0.192 -0.220	-0.197 -0.161	-0.198 -0.184	-0.195 -0.195	-0.196 -0.229
10	7	7	8	0.400	-0.00	-0.198	3.186 -0.201	-0.211 -0.217	-0.207 -0.244	-0.215 -0.167	-0.213 -0.199	-0.213 -0.204	-0.213 -0.259
10	8	7	8	0.400	-0.00	-0.204	3.729 -0.207	-0.225 -0.235	-0.222 -0.265	-0.228 -0.179	-0.231 -0.211	-0.231 -0.219	-0.231 -0.281
11	3	7	8	0.000	0.00	-0.019	1.299 -0.027	-0.011 -0.007	-0.007 -0.005	-0.015 -0.009	-0.015 -0.000	-0.002 -0.012	-0.008 -0.007
11	4	7	8	0.000	0.00	-0.044	2.015 -0.053	-0.028 -0.023	-0.019 -0.025	-0.036 -0.019	-0.030 -0.010	-0.017 -0.028	-0.023 -0.017
11	5	7	8	0.000	0.00	-0.082	3.687 -0.096	-0.061 -0.041	-0.049 -0.074	-0.073 -0.048	-0.063 -0.039	-0.050 -0.062	-0.057 -0.046
11	6	7	8	0.000	0.00	-0.105	5.401 -0.120	-0.085 -0.054	-0.074 -0.102	-0.095 -0.081	-0.086 -0.057	-0.074 -0.085	-0.080 -0.074
11	7	7	8	0.000	0.00	-0.123	7.280 -0.143	-0.103 -0.061	-0.095 -0.115	-0.110 -0.115	-0.098 -0.081	-0.091 -0.103	-0.095 -0.082

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C_1}}$	$C_{P_{C_2}}$	C_{P_C}
		8										
		8										
11	8	7	0.000	0.00	-0.00	8.992	-0.126	-0.116	-0.137	-0.129	-0.112	-0.120
		8			-0.154	-0.178	-0.087	-0.130	-0.140	-0.101	-0.129	-0.092
11	9	7	0.000	0.00	-0.00	10.665	-0.153	-0.140	-0.165	-0.154	-0.143	-0.148
		8			-0.189	-0.204	-0.113	-0.156	-0.171	-0.127	-0.166	-0.097
12	3	7	0.400	15.00	-6.08	0.945	-0.244	-0.256	-0.232	-0.239	-0.236	-0.238
		8			-0.205	-0.233	-0.250	-0.240	-0.232	-0.267	-0.260	-0.267
12	4	7	0.400	15.01	-6.08	0.956	-0.247	-0.261	-0.234	-0.237	-0.240	-0.239
		8			-0.206	-0.235	-0.251	-0.244	-0.237	-0.271	-0.264	-0.271
12	5	7	0.400	14.99	-3.05	0.947	-0.228	-0.240	-0.215	-0.227	-0.224	-0.225
		8			-0.184	-0.215	-0.231	-0.231	-0.199	-0.261	-0.247	-0.254
12	6	7	0.400	14.97	0.00	0.958	-0.223	-0.237	-0.209	-0.217	-0.220	-0.219
		8			-0.181	-0.205	-0.225	-0.227	-0.183	-0.258	-0.244	-0.263
12	7	7	0.400	14.98	3.06	0.960	-0.226	-0.235	-0.216	-0.225	-0.228	-0.226
		8			-0.194	-0.213	-0.229	-0.229	-0.179	-0.253	-0.245	-0.264
12	8	7	0.400	14.97	6.09	0.960	-0.234	-0.242	-0.225	-0.237	-0.240	-0.238
		8			-0.215	-0.207	-0.238	-0.241	-0.182	-0.259	-0.251	-0.276
12	9	7	0.400	14.98	0.00	0.960	-0.224	-0.236	-0.213	-0.220	-0.217	-0.219
		8			-0.181	-0.212	-0.228	-0.230	-0.183	-0.260	-0.241	-0.260

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
13	3	7	0.400	0.00	0.00	1.297	-0.161	-0.163	-0.159	-0.158	-0.158	-0.158
		8			-0.154	-0.161	-0.159	-0.162	-0.105	-0.183	-0.169	-0.194
13	4	7	0.400	0.00	0.00	3.245	-0.225	-0.221	-0.228	-0.227	-0.227	-0.227
		8			-0.220	-0.227	-0.216	-0.249	-0.123	-0.252	-0.232	-0.276
13	5	7	0.400	0.00	0.00	5.513	-0.288	-0.288	-0.289	-0.300	-0.303	-0.301
		8			-0.245	-0.265	-0.284	-0.361	-0.128	-0.316	-0.297	-0.412
13	6	7	0.400	0.00	0.00	8.140	-0.355	-0.356	-0.353	-0.377	-0.374	-0.376
		8			-0.275	-0.318	-0.359	-0.459	-0.121	-0.387	-0.380	-0.537
13	7	7	0.400	0.01	0.00	9.037	-0.375	-0.375	-0.375	-0.402	-0.396	-0.399
		8			-0.291	-0.344	-0.376	-0.490	-0.134	-0.409	-0.397	-0.559
13	8	7	0.400	0.01	0.00	10.326	-0.418	-0.418	-0.417	-0.447	-0.447	-0.447
		8			-0.323	-0.386	-0.415	-0.544	-0.167	-0.460	-0.442	-0.604
13	9	7	0.400	0.01	0.00	10.767	-0.428	-0.429	-0.428	-0.459	-0.456	-0.457
		8			-0.326	-0.398	-0.424	-0.562	-0.176	-0.469	-0.451	-0.619
13	10	7	0.400	0.01	0.00	11.611	-0.448	-0.447	-0.450	-0.483	-0.477	-0.480
		8			-0.342	-0.417	-0.446	-0.595	-0.190	-0.496	-0.460	-0.640
13	11	7	0.400	0.02	0.00	17.531	-0.595	-0.556	-0.634	-0.659	-0.656	-0.658
		8			-0.476	-0.613	-0.591	-0.856	-0.240	-0.645	-0.617	-0.724

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	C_{p6}	C_{p7}	C_{p8}
					C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
13	12	7	8	0.01	0.00	0.946	-0.147	-0.157	-0.137	-0.142	-0.142	-0.142
					-0.129	-0.132	-0.142	-0.145	-0.113	-0.179	-0.152	-0.184
14	3	7	8	-4.00	0.00	0.933	-0.134	-0.142	-0.126	-0.128	-0.648	-0.388
					-0.104	-0.133	-0.131	-0.138	-0.099	-0.147	-0.145	-0.176
14	4	7	8	-0.01	0.00	0.933	-0.140	-0.149	-0.132	-0.134	-0.657	-0.395
					-0.110	-0.136	-0.140	-0.144	-0.105	-0.150	-0.154	-0.185
14	5	7	8	2.01	0.00	0.941	-0.145	-0.151	-0.138	-0.138	-0.658	-0.398
					-0.114	-0.141	-0.148	-0.151	-0.103	-0.158	-0.149	-0.193
14	6	7	8	4.03	0.00	0.955	-0.155	-0.162	-0.148	-0.149	-0.672	-0.410
					-0.119	-0.151	-0.158	-0.162	-0.108	-0.171	-0.163	-0.206
14	7	7	8	6.02	0.00	0.955	-0.162	-0.171	-0.153	-0.156	-0.679	-0.418
					-0.117	-0.156	-0.166	-0.172	-0.121	-0.173	-0.170	-0.220
14	8	7	8	7.98	0.00	0.948	-0.168	-0.179	-0.157	-0.162	-0.685	-0.424
					-0.120	-0.162	-0.172	-0.175	-0.128	-0.185	-0.176	-0.226
14	9	7	8	10.00	0.00	0.947	-0.178	-0.195	-0.162	-0.166	-0.685	-0.425
					-0.118	-0.172	-0.176	-0.182	-0.158	-0.194	-0.186	-0.242
14	10	7	8	15.00	0.00	0.932	-0.203	-0.222	-0.183	-0.188	-0.712	-0.450
					-0.131	-0.194	-0.195	-0.213	-0.187	-0.222	-0.214	-0.264

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	C_{P1}	C_{P2}	C_{P3}	C_{PB}	C_{PE}	C_{PH}	C_{PC1}	C_{PC2}	C_{PC}
14	11	7	8	0.400	20.20	-0.00	-0.141	0.931	-0.226	-0.218	-0.248	-0.204	-0.213	-0.737	-0.475
								-0.220	-0.218	-0.238	-0.238	-0.197	-0.248	-0.246	-0.301
14	12	7	8	0.400	-0.00	0.00	-0.114	0.940	-0.143	-0.145	-0.151	-0.135	-0.132	-0.651	-0.392
								-0.141	-0.145	-0.142	-0.142	-0.106	-0.164	-0.149	-0.186
15	3	7	8	0.400	0.00	0.00	-0.131	1.327	-0.143	-0.146	-0.143	-0.143	-0.146	-0.137	-0.142
								-0.148	-0.146	-0.147	-0.147	-0.090	-0.156	-0.154	-0.173
15	4	7	8	0.400	0.00	0.00	-0.169	3.258	-0.185	-0.176	-0.181	-0.189	-0.200	-0.188	-0.194
								-0.175	-0.176	-0.233	-0.233	-0.090	-0.201	-0.193	-0.242
15	5	7	8	0.400	0.00	0.00	-0.192	5.485	-0.221	-0.224	-0.219	-0.222	-0.244	-0.235	-0.239
								-0.181	-0.224	-0.293	-0.293	-0.146	-0.218	-0.204	-0.307
15	6	7	8	0.400	0.00	0.00	-0.179	8.099	-0.255	-0.247	-0.268	-0.241	-0.278	-0.272	-0.275
								-0.194	-0.247	-0.345	-0.345	-0.178	-0.273	-0.248	-0.375
15	7	7	8	0.400	0.00	0.00	-0.189	8.967	-0.270	-0.263	-0.283	-0.257	-0.297	-0.291	-0.294
								-0.213	-0.263	-0.364	-0.364	-0.197	-0.292	-0.267	-0.375
15	8	7	8	0.400	0.00	0.00	-0.199	10.303	-0.297	-0.292	-0.308	-0.285	-0.325	-0.319	-0.322
								-0.248	-0.292	-0.401	-0.401	-0.238	-0.326	-0.301	-0.368
15	9	7	8	0.400	0.00	0.00	-0.196	10.747	-0.303	-0.298	-0.314	-0.293	-0.337	-0.331	-0.334
								-0.260	-0.298	-0.416	-0.416	-0.238	-0.332	-0.313	-0.374

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
15	10	7	8	0.400	0.01	0.00	11.550	-0.319	-0.330	-0.307	-0.357	-0.351	-0.354
						-0.193	-0.283	-0.309	-0.445	-0.240	-0.352	-0.345	-0.382
15	11	7	8	0.400	0.00	0.00	13.319	-0.354	-0.362	-0.347	-0.413	-0.411	-0.412
						-0.175	-0.334	-0.357	-0.522	-0.201	-0.400	-0.423	-0.423
15	12	7	8	0.400	0.00	0.00	0.965	-0.139	-0.147	-0.132	-0.134	-0.125	-0.129
						-0.109	-0.136	-0.140	-0.141	-0.105	-0.156	-0.148	-0.179
16	3	7	8	0.400	0.01	-6.06	0.961	-0.173	-0.181	-0.165	-0.164	-0.155	-0.160
						-0.149	-0.179	-0.177	-0.156	-0.156	-0.186	-0.172	-0.209
16	4	7	8	0.400	-0.02	-3.04	0.967	-0.154	-0.165	-0.144	-0.150	-0.139	-0.144
						-0.117	-0.153	-0.157	-0.148	-0.124	-0.170	-0.155	-0.211
16	5	7	8	0.400	-0.00	-0.00	0.960	-0.138	-0.146	-0.131	-0.140	-0.122	-0.131
						-0.107	-0.136	-0.140	-0.141	-0.105	-0.153	-0.145	-0.182
16	6	7	8	0.400	0.01	3.04	0.959	-0.141	-0.147	-0.136	-0.144	-0.127	-0.136
						-0.120	-0.132	-0.141	-0.151	-0.094	-0.152	-0.149	-0.193
16	7	7	8	0.400	-0.01	6.06	0.976	-0.155	-0.161	-0.149	-0.157	-0.155	-0.156
						-0.142	-0.136	-0.146	-0.170	-0.114	-0.162	-0.159	-0.209
16	8	7	8	0.400	-0.00	-0.00	0.983	-0.141	-0.149	-0.132	-0.140	-0.128	-0.134
						-0.110	-0.139	-0.140	-0.141	-0.105	-0.159	-0.145	-0.188

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
17	1	7 8	0.400	5.99	-6.08 -0.165	0.990 -0.198	-0.197 -0.193	-0.211 -0.178	-0.183 -0.185	-0.180 -0.217	-0.174 -0.191	-0.177 -0.252
17	2	7 8	0.400	5.98	-3.05 -0.139	0.983 -0.178	-0.180 -0.176	-0.194 -0.167	-0.165 -0.162	-0.170 -0.204	-0.161 -0.178	-0.165 -0.233
17	3	7 8	0.400	5.99	0.00 -0.115	0.983 -0.154	-0.160 -0.161	-0.170 -0.167	-0.150 -0.114	-0.161 -0.186	-0.149 -0.160	-0.155 -0.221
17	4	7 8	0.400	6.00	3.05 -0.130	0.975 -0.151	-0.160 -0.158	-0.166 -0.176	-0.154 -0.102	-0.164 -0.174	-0.155 -0.166	-0.159 -0.221
17	5	7 8	0.400	5.99	6.08 -0.151	0.975 -0.157	-0.171 -0.167	-0.175 -0.191	-0.167 -0.117	-0.182 -0.186	-0.161 -0.172	-0.171 -0.227
17	6	7 8	0.400	5.99	0.00 -0.116	0.982 -0.154	-0.160 -0.158	-0.172 -0.167	-0.149 -0.117	-0.164 -0.183	-0.146 -0.163	-0.155 -0.224
18	3	7 8	0.400	14.96	-6.09 -0.142	0.939 -0.214	-0.217 -0.209	-0.238 -0.218	-0.196 -0.210	-0.205 -0.230	-0.187 -0.222	-0.196 -0.290
18	4	7 8	0.400	14.98	-3.05 -0.140	0.940 -0.203	-0.208 -0.201	-0.227 -0.213	-0.189 -0.202	-0.197 -0.222	-0.185 -0.214	-0.191 -0.269
18	5	7 8	0.400	14.98	0.00 -0.129	0.940 -0.195	-0.201 -0.193	-0.219 -0.211	-0.182 -0.188	-0.189 -0.214	-0.183 -0.212	-0.186 -0.262

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	P_P/P	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
18	6	7	8	0.400	14.98	3.05 -0.132	0.954 -0.180	-0.192 -0.184	-0.206 -0.211	-0.177 -0.143	-0.186 -0.209	-0.183 -0.212	-0.185 -0.262
18	7	7	8	0.400	14.96	6.09 -0.151	0.968 -0.172	-0.193 -0.185	-0.204 -0.218	-0.182 -0.135	-0.190 -0.204	-0.185 -0.208	-0.188 -0.269
18	8	7	8	0.400	14.99	0.00 -0.130	0.968 -0.199	-0.204 -0.194	-0.225 -0.212	-0.184 -0.192	-0.190 -0.219	-0.188 -0.217	-0.189 -0.272
20	3	7	8	0.400	-3.99	0.00 -0.126	0.958 -0.141	-0.137 -0.130	-0.139 -0.140	-0.134 -0.098	-0.142 -0.146	-0.133 -0.150	-0.137 -0.163
20	4	7	8	0.400	0.01	0.00 -0.117	0.958 -0.132	-0.137 -0.142	-0.141 -0.142	-0.133 -0.103	-0.144 -0.143	-0.135 -0.146	-0.140 -0.171
20	5	7	8	0.400	1.99	0.00 -0.108	0.957 -0.135	-0.140 -0.148	-0.147 -0.142	-0.133 -0.106	-0.144 -0.152	-0.138 -0.155	-0.141 -0.174
20	7	7	8	0.400	4.01	0.00 -0.110	0.972 -0.139	-0.145 -0.152	-0.152 -0.150	-0.138 -0.114	-0.152 -0.156	-0.143 -0.154	-0.147 -0.185
20	8	7	8	0.400	6.00	0.00 -0.114	0.979 -0.147	-0.154 -0.163	-0.163 -0.157	-0.145 -0.124	-0.156 -0.167	-0.147 -0.170	-0.152 -0.190
20	9	7	8	0.400	7.98	0.00 -0.116	0.986 -0.148	-0.159 -0.170	-0.168 -0.165	-0.150 -0.129	-0.164 -0.174	-0.155 -0.172	-0.159 -0.197

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
20	10	7	8	0.400	9.99	0.00 -0.122	0.986 -0.157	-0.170 -0.183	-0.179 -0.180	-0.160 -0.138	-0.176 -0.180	-0.167 -0.184	-0.171 -0.215
20	11	7	8	0.400	14.98	0.00 -0.148	0.978 -0.181	-0.199 -0.213	-0.211 -0.206	-0.187 -0.168	-0.202 -0.213	-0.200 -0.217	-0.201 -0.248
20	12	7	8	0.400	20.21	-0.00 -0.190	0.978 -0.212	-0.231 -0.249	-0.239 -0.242	-0.223 -0.193	-0.238 -0.246	-0.233 -0.244	-0.236 -0.275
20	13	7	8	0.400	0.00	0.00 -0.115	0.986 -0.127	-0.133 -0.134	-0.137 -0.137	-0.128 -0.099	-0.140 -0.141	-0.134 -0.144	-0.137 -0.164
21	1	7	8	0.400	-0.01	-6.06 -0.149	0.972 -0.162	-0.153 -0.153	-0.158 -0.130	-0.149 -0.154	-0.150 -0.172	-0.141 -0.152	-0.146 -0.153
21	2	7	8	0.400	0.01	-3.04 -0.112	0.986 -0.142	-0.140 -0.143	-0.146 -0.137	-0.134 -0.114	-0.140 -0.156	-0.137 -0.141	-0.138 -0.173
21	3	7	8	0.400	-0.01	0.00 -0.119	0.978 -0.127	-0.137 -0.137	-0.142 -0.141	-0.131 -0.099	-0.140 -0.150	-0.137 -0.148	-0.139 -0.173
21	4	7	8	0.400	0.01	3.04 -0.128	0.971 -0.118	-0.136 -0.131	-0.142 -0.144	-0.130 -0.108	-0.143 -0.144	-0.137 -0.142	-0.140 -0.173
21	5	7	8	0.400	0.02	6.07 -0.155	0.956 -0.146	-0.152 -0.128	-0.157 -0.162	-0.148 -0.138	-0.155 -0.163	-0.149 -0.148	-0.152 -0.180

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
21	6	7	8	0.400	-0.02	0.00 -0.117	0.978 -0.126	-0.135 -0.135	-0.140 -0.139	-0.129 -0.097	-0.141 -0.152	-0.132 -0.143	-0.137 -0.169
22	3	7	8	0.400	6.01	-6.08 -0.119	0.957 -0.167	-0.170 -0.174	-0.183 -0.168	-0.157 -0.151	-0.167 -0.187	-0.162 -0.178	-0.164 -0.216
22	4	7	8	0.400	6.00	-3.05 -0.113	0.949 -0.158	-0.160 -0.162	-0.171 -0.159	-0.148 -0.141	-0.158 -0.175	-0.149 -0.172	-0.154 -0.198
22	5	7	8	0.400	6.00	0.00 -0.112	0.956 -0.139	-0.148 -0.161	-0.155 -0.153	-0.141 -0.117	-0.155 -0.159	-0.146 -0.163	-0.150 -0.182
22	6	7	8	0.400	6.03	3.05 -0.133	0.963 -0.121	-0.151 -0.161	-0.158 -0.162	-0.144 -0.117	-0.161 -0.159	-0.152 -0.163	-0.156 -0.194
22	7	7	8	0.400	5.98	6.08 -0.145	0.963 -0.133	-0.161 -0.164	-0.168 -0.171	-0.153 -0.129	-0.170 -0.168	-0.161 -0.172	-0.165 -0.203
22	8	7	8	0.400	6.00	0.00 -0.114	0.977 -0.137	-0.149 -0.159	-0.158 -0.151	-0.140 -0.118	-0.153 -0.166	-0.147 -0.164	-0.150 -0.183
23	1	7	8	0.400	14.97	-6.08 -0.166	0.971 -0.209	-0.217 -0.225	-0.230 -0.218	-0.204 -0.189	-0.217 -0.237	-0.212 -0.223	-0.214 -0.272
23	2	7	8	0.400	14.97	-3.05 -0.152	0.963 -0.189	-0.205 -0.214	-0.219 -0.211	-0.191 -0.172	-0.207 -0.226	-0.201 -0.224	-0.204 -0.255

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C1}}$	$C_{P_{C2}}$	C_{P_C}
		8			C_{P1}	C_{P2}	C_{P3}	C_{P4}	C_{P5}	C_{P6}	C_{P7}	C_{P8}
23	3	7 8	0.400	14.96	0.00 -0.147	0.956 -0.177	-0.197 -0.211	-0.211 -0.202	-0.184 -0.164	-0.201 -0.217	-0.192 -0.215	-0.197 -0.246
23	4	7 8	0.400	14.99	3.06 -0.154	0.963 -0.175	-0.199 -0.213	-0.210 -0.206	-0.187 -0.162	-0.208 -0.219	-0.200 -0.217	-0.204 -0.242
23	5	7 8	0.400	14.99	6.09 -0.169	0.962 -0.172	-0.206 -0.222	-0.217 -0.215	-0.195 -0.162	-0.212 -0.225	-0.206 -0.229	-0.209 -0.254
23	6	7 8	0.400	14.97	0.00 -0.150	0.970 -0.180	-0.199 -0.211	-0.212 -0.205	-0.186 -0.163	-0.204 -0.223	-0.198 -0.215	-0.201 -0.246
24	5	7 8	0.400	-3.99	0.00 -0.165	0.942 -0.181	-0.184 -0.185	-0.188 -0.191	-0.180 -0.161	-0.193 -0.191	-0.172 -0.195	-0.182 -0.202
24	6	7 8	0.400	0.01	-0.00 -0.169	0.965 -0.188	-0.195 -0.195	-0.200 -0.204	-0.189 -0.168	-0.200 -0.204	-0.185 -0.208	-0.192 -0.221
24	7	7 8	0.400	2.03	0.00 -0.175	0.966 -0.194	-0.200 -0.204	-0.204 -0.209	-0.195 -0.171	-0.202 -0.210	-0.190 -0.214	-0.196 -0.221
24	8	7 8	0.400	4.00	0.00 -0.179	0.966 -0.204	-0.211 -0.217	-0.217 -0.220	-0.205 -0.176	-0.216 -0.223	-0.204 -0.227	-0.210 -0.240
24	9	7 8	0.400	6.00	0.00 -0.188	0.966 -0.216	-0.221 -0.229	-0.227 -0.231	-0.216 -0.181	-0.224 -0.234	-0.215 -0.239	-0.220 -0.252

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
24	10	7	8	0.400	7.97	0.00 -0.194	0.973 -0.231	-0.234 -0.242	-0.239 -0.247	-0.228 -0.191	-0.237 -0.244	-0.225 -0.254	-0.231 -0.267
24	11	7	8	0.400	10.00	0.00 -0.203	0.971 -0.243	-0.251 -0.256	-0.261 -0.261	-0.241 -0.206	-0.254 -0.271	-0.251 -0.275	-0.253 -0.294
24	12	7	8	0.400	14.98	0.00 -0.239	0.956 -0.282	-0.292 -0.299	-0.301 -0.309	-0.282 -0.242	-0.293 -0.309	-0.284 -0.314	-0.289 -0.339
24	13	7	8	0.400	20.19	-0.00 -0.279	0.948 -0.329	-0.338 -0.343	-0.348 -0.359	-0.328 -0.295	-0.337 -0.350	-0.331 -0.361	-0.334 -0.385
24	14	7	8	0.400	-0.00	-0.00 -0.171	0.957 -0.189	-0.195 -0.200	-0.200 -0.199	-0.190 -0.167	-0.195 -0.206	-0.187 -0.204	-0.191 -0.223
25	1	7	8	0.400	-0.01	-6.06 -0.199	0.964 -0.209	-0.212 -0.219	-0.215 -0.213	-0.210 -0.190	-0.212 -0.222	-0.203 -0.220	-0.207 -0.227
25	2	7	8	0.400	-0.00	-3.04 -0.178	0.964 -0.196	-0.200 -0.204	-0.206 -0.200	-0.195 -0.177	-0.199 -0.213	-0.194 -0.211	-0.196 -0.224
25	3	7	8	0.400	-0.00	-0.00 -0.174	0.964 -0.189	-0.198 -0.200	-0.204 -0.202	-0.191 -0.170	-0.195 -0.209	-0.196 -0.207	-0.196 -0.232
25	4	7	8	0.400	-0.01	3.04 -0.176	0.963 -0.188	-0.198 -0.201	-0.204 -0.201	-0.192 -0.175	-0.197 -0.205	-0.197 -0.208	-0.197 -0.228

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
						C_{P1}	C_{P2}	C_{P3}	C_{P4}	C_{P5}	C_{P6}	C_{P7}	C_{P8}
25	5	7	8	0.400	0.02	6.06 -0.194	0.964 -0.200	-0.209 -0.207	-0.214 -0.213	-0.204 -0.193	-0.209 -0.220	-0.194 -0.211	-0.202 -0.231
25	6	7	8	0.400	-0.00	-0.00 -0.171	0.964 -0.189	-0.195 -0.197	-0.201 -0.199	-0.189 -0.167	-0.195 -0.203	-0.190 -0.207	-0.192 -0.226
26	2	7	8	0.400	6.00	-6.08 -0.217	0.963 -0.233	-0.237 -0.247	-0.240 -0.234	-0.233 -0.211	-0.233 -0.249	-0.230 -0.247	-0.231 -0.254
26	3	7	8	0.400	6.00	-6.08 -0.215	0.956 -0.237	-0.238 -0.248	-0.242 -0.235	-0.234 -0.212	-0.237 -0.250	-0.231 -0.254	-0.234 -0.250
26	4	7	8	0.400	6.00	-3.05 -0.198	0.956 -0.225	-0.230 -0.236	-0.236 -0.232	-0.223 -0.191	-0.231 -0.250	-0.231 -0.243	-0.231 -0.262
26	5	7	8	0.400	6.01	0.00 -0.184	0.955 -0.215	-0.221 -0.228	-0.226 -0.234	-0.215 -0.180	-0.227 -0.234	-0.221 -0.238	-0.224 -0.251
26	6	7	8	0.400	5.99	3.05 -0.195	0.955 -0.214	-0.224 -0.230	-0.230 -0.230	-0.217 -0.188	-0.226 -0.239	-0.220 -0.231	-0.223 -0.262
26	7	7	8	0.400	5.99	6.08 -0.219	0.955 -0.223	-0.233 -0.230	-0.238 -0.239	-0.228 -0.213	-0.232 -0.242	-0.229 -0.240	-0.230 -0.259
26	8	7	8	0.400	6.00	0.00 -0.186	0.955 -0.216	-0.224 -0.232	-0.231 -0.232	-0.216 -0.185	-0.225 -0.241	-0.222 -0.239	-0.223 -0.258

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
27	1	7 8	0.400	14.97	-6.08 -0.269	0.954 -0.300	-0.314 -0.314	-0.330 -0.309	-0.298 -0.314	-0.302 -0.333	-0.302 -0.326	-0.302 -0.345
27	2	7 8	0.400	14.95	-3.05 -0.246	0.939 -0.289	-0.301 -0.305	-0.315 -0.310	-0.288 -0.279	-0.300 -0.319	-0.294 -0.318	-0.297 -0.343
27	3	7 8	0.400	14.96	0.00 -0.238	0.940 -0.281	-0.290 -0.295	-0.300 -0.305	-0.280 -0.241	-0.289 -0.309	-0.289 -0.313	-0.289 -0.338
27	4	7 8	0.400	14.96	3.05 -0.264	0.935 -0.289	-0.300 -0.309	-0.307 -0.313	-0.294 -0.234	-0.300 -0.319	-0.300 -0.318	-0.300 -0.355
27	5	7 8	0.400	14.96	6.09 -0.275	0.942 -0.289	-0.303 -0.311	-0.308 -0.319	-0.298 -0.245	-0.302 -0.316	-0.297 -0.320	-0.300 -0.351
27	6	7 8	0.400	14.98	0.00 -0.239	0.949 -0.282	-0.293 -0.302	-0.303 -0.309	-0.283 -0.245	-0.293 -0.315	-0.290 -0.314	-0.291 -0.339
28	3	7 8	0.400	-4.00	0.00 -0.168	0.962 -0.186	-0.189 -0.191	-0.193 -0.193	-0.185 -0.164	-0.190 -0.194	-0.175 -0.198	-0.182 -0.217
28	4	7 8	0.400	0.02	0.00 -0.165	0.970 -0.189	-0.192 -0.196	-0.197 -0.199	-0.187 -0.164	-0.192 -0.200	-0.186 -0.203	-0.189 -0.223
28	5	7 8	0.400	2.00	0.00 -0.175	0.978 -0.196	-0.201 -0.207	-0.204 -0.212	-0.197 -0.174	-0.205 -0.206	-0.193 -0.204	-0.199 -0.230

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
					C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
28	6	7	8	4.00	0.00 -0.183	0.985 -0.208	-0.213 -0.218	-0.218 -0.221	-0.208 -0.180	-0.214 -0.218	-0.205 -0.228	-0.209 -0.247
28	7	7	8	6.02	0.00 -0.187	0.978 -0.227	-0.228 -0.234	-0.232 -0.242	-0.223 -0.189	-0.229 -0.234	-0.220 -0.244	-0.225 -0.263
28	8	7	8	7.96	0.00 -0.195	0.978 -0.229	-0.231 -0.239	-0.236 -0.244	-0.227 -0.191	-0.234 -0.241	-0.222 -0.246	-0.228 -0.265
28	9	7	8	9.98	0.00 -0.203	0.970 -0.243	-0.245 -0.253	-0.251 -0.261	-0.240 -0.202	-0.248 -0.255	-0.236 -0.260	-0.242 -0.285
28	10	7	8	14.97	0.00 -0.236	0.970 -0.283	-0.288 -0.297	-0.294 -0.307	-0.281 -0.243	-0.291 -0.298	-0.279 -0.309	-0.285 -0.328
28	11	7	8	20.19	-0.00 -0.273	0.954 -0.329	-0.337 -0.343	-0.348 -0.356	-0.325 -0.295	-0.334 -0.350	-0.325 -0.361	-0.329 -0.385
28	12	7	8	0.01	0.00 -0.169	0.978 -0.188	-0.192 -0.195	-0.196 -0.201	-0.188 -0.166	-0.194 -0.195	-0.182 -0.199	-0.188 -0.224
29	1	7	8	0.01	-6.06 -0.193	0.985 -0.209	-0.208 -0.213	-0.210 -0.213	-0.207 -0.187	-0.208 -0.213	-0.194 -0.217	-0.201 -0.224
29	2	7	8	-0.01	-3.04 -0.181	0.978 -0.200	-0.201 -0.201	-0.205 -0.204	-0.196 -0.184	-0.200 -0.207	-0.194 -0.211	-0.197 -0.218

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
					C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
29	3	7	8	0.400	-0.01	0.00	0.992	-0.194	-0.199	-0.189	-0.194	-0.189
						-0.169	-0.188	-0.198	-0.201	-0.168	-0.204	-0.221
29	6	7	8	0.400	-0.01	3.04	0.985	-0.196	-0.200	-0.191	-0.196	-0.193
						-0.178	-0.190	-0.197	-0.200	-0.174	-0.197	-0.226
29	7	7	8	0.400	0.00	6.06	0.992	-0.206	-0.211	-0.201	-0.205	-0.201
						-0.190	-0.202	-0.204	-0.209	-0.189	-0.210	-0.239
29	8	7	8	0.400	-0.00	0.00	0.992	-0.194	-0.199	-0.189	-0.193	-0.189
						-0.169	-0.187	-0.198	-0.200	-0.165	-0.204	-0.227
30	1	7	8	0.400	6.00	-6.07	0.991	-0.244	-0.250	-0.238	-0.241	-0.237
						-0.217	-0.242	-0.249	-0.246	-0.217	-0.258	-0.269
30	2	7	8	0.400	6.00	-3.04	0.984	-0.233	-0.237	-0.229	-0.234	-0.234
						-0.204	-0.231	-0.242	-0.241	-0.197	-0.247	-0.259
30	3	7	8	0.400	6.03	0.00	0.976	-0.229	-0.236	-0.222	-0.228	-0.225
						-0.188	-0.222	-0.235	-0.241	-0.188	-0.241	-0.270
30	4	7	8	0.400	5.99	3.05	0.976	-0.237	-0.244	-0.231	-0.237	-0.235
						-0.204	-0.229	-0.242	-0.247	-0.201	-0.245	-0.280
30	5	7	8	0.400	6.01	6.08	0.976	-0.243	-0.248	-0.237	-0.244	-0.241
						-0.220	-0.236	-0.243	-0.248	-0.217	-0.250	-0.281

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8										
30	6	7	0.400	5.99	0.00	0.976	-0.226	-0.234	-0.219	-0.229	-0.226	-0.227
		8			-0.186	-0.220	-0.230	-0.239	-0.186	-0.239	-0.243	-0.268
31	1	7	0.400	15.00	-6.07	0.974	-0.314	-0.328	-0.300	-0.304	-0.301	-0.302
		8			-0.267	-0.305	-0.315	-0.314	-0.313	-0.326	-0.324	-0.349
31	2	7	0.400	14.97	-3.04	0.967	-0.298	-0.312	-0.285	-0.295	-0.292	-0.294
		8			-0.241	-0.287	-0.303	-0.308	-0.274	-0.317	-0.310	-0.346
31	3	7	0.400	14.98	0.00	0.967	-0.292	-0.302	-0.282	-0.290	-0.287	-0.289
		8			-0.239	-0.282	-0.296	-0.309	-0.242	-0.312	-0.311	-0.342
31	4	7	0.400	14.94	3.05	0.952	-0.296	-0.302	-0.291	-0.298	-0.296	-0.297
		8			-0.256	-0.287	-0.307	-0.314	-0.235	-0.309	-0.313	-0.350
31	5	7	0.400	14.99	6.08	0.962	-0.302	-0.305	-0.299	-0.302	-0.294	-0.298
		8			-0.275	-0.291	-0.311	-0.318	-0.242	-0.313	-0.317	-0.348
31	6	7	0.400	14.97	0.00	0.983	-0.291	-0.301	-0.281	-0.290	-0.284	-0.287
		8			-0.239	-0.282	-0.295	-0.306	-0.242	-0.309	-0.308	-0.345
32	2	7	0.400	-4.01	-0.00	0.983	-0.197	-0.201	-0.193	-0.200	-0.185	-0.193
		8			-0.178	-0.194	-0.198	-0.201	-0.172	-0.204	-0.208	-0.222
32	3	7	0.400	-0.01	-0.00	0.990	-0.202	-0.204	-0.200	-0.206	-0.194	-0.200
		8			-0.181	-0.203	-0.204	-0.213	-0.178	-0.207	-0.211	-0.219

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p_1}	C_{p_2}	C_{p_3}	C_{p_4}	C_{p_5}	C_{p_6}	C_{p_7}	C_{p_8}
32	4	7	8	0.400	2.02	-0.00 -0.184	0.990 -0.200	-0.205 -0.204	-0.209 -0.213	-0.200 -0.181	-0.206 -0.213	-0.194 -0.211	-0.200 -0.231
32	5	7	8	0.400	4.00	0.00 -0.186	0.990 -0.210	-0.212 -0.214	-0.217 -0.223	-0.208 -0.185	-0.216 -0.220	-0.201 -0.224	-0.209 -0.237
32	6	7	8	0.400	5.99	-0.00 -0.192	0.989 -0.226	-0.225 -0.233	-0.227 -0.242	-0.223 -0.186	-0.232 -0.236	-0.217 -0.240	-0.224 -0.247
32	7	7	8	0.400	7.86	0.00 -0.203	1.004 -0.231	-0.231 -0.238	-0.233 -0.246	-0.229 -0.193	-0.239 -0.241	-0.227 -0.245	-0.233 -0.252
32	8	7	8	0.400	10.02	0.00 -0.207	0.996 -0.247	-0.248 -0.252	-0.253 -0.263	-0.242 -0.210	-0.253 -0.260	-0.235 -0.264	-0.244 -0.278
32	10	7	8	0.400	14.97	0.00 -0.239	0.988 -0.279	-0.285 -0.289	-0.292 -0.306	-0.278 -0.239	-0.293 -0.300	-0.275 -0.305	-0.284 -0.324
32	11	7	8	0.400	20.15	-0.00 -0.276	0.972 -0.332	-0.334 -0.337	-0.343 -0.359	-0.326 -0.292	-0.340 -0.350	-0.325 -0.355	-0.332 -0.374
32	12	7	8	0.400	0.01	-0.00 -0.184	1.002 -0.199	-0.202 -0.203	-0.205 -0.209	-0.199 -0.177	-0.205 -0.204	-0.191 -0.213	-0.198 -0.227
33	3	7	8	0.400	0.01	-6.06 -0.192	0.964 -0.208	-0.207 -0.212	-0.209 -0.212	-0.206 -0.183	-0.211 -0.212	-0.199 -0.216	-0.205 -0.224

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	P/P	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
33	4	7	8	0.400	0.01	-3.04 -0.180	0.963 -0.201	-0.201 -0.205	-0.205 -0.205	-0.198 -0.179	-0.204 -0.211	-0.186 -0.209	-0.195 -0.222
33	5	7	8	0.400	0.01	0.00 -0.184	0.955 -0.199	-0.201 -0.203	-0.203 -0.209	-0.199 -0.177	-0.205 -0.203	-0.196 -0.207	-0.201 -0.226
33	6	7	8	0.400	0.02	3.04 -0.188	0.954 -0.194	-0.198 -0.198	-0.200 -0.204	-0.196 -0.175	-0.204 -0.202	-0.183 -0.206	-0.193 -0.219
33	7	7	8	0.400	-0.01	6.06 -0.184	0.968 -0.199	-0.200 -0.203	-0.203 -0.203	-0.197 -0.182	-0.202 -0.200	-0.187 -0.204	-0.195 -0.223
33	8	7	8	0.400	-0.00	0.00 -0.183	0.976 -0.200	-0.204 -0.204	-0.209 -0.211	-0.199 -0.175	-0.207 -0.212	-0.198 -0.215	-0.203 -0.234
34	1	7	8	0.400	5.98	-6.08 -0.219	0.976 -0.246	-0.244 -0.250	-0.247 -0.253	-0.242 -0.218	-0.246 -0.254	-0.235 -0.257	-0.240 -0.259
34	2	7	8	0.400	6.00	-3.04 -0.203	0.976 -0.229	-0.231 -0.233	-0.234 -0.246	-0.228 -0.198	-0.233 -0.237	-0.224 -0.247	-0.229 -0.254
34	3	7	8	0.400	6.01	0.00 -0.194	0.969 -0.223	-0.225 -0.233	-0.228 -0.240	-0.222 -0.183	-0.230 -0.228	-0.221 -0.243	-0.226 -0.257
34	4	7	8	0.400	5.98	3.05 -0.207	0.968 -0.228	-0.232 -0.241	-0.235 -0.244	-0.230 -0.196	-0.237 -0.233	-0.220 -0.248	-0.229 -0.261

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
34	5	7	0.400	6.02	6.08	0.968	-0.245	-0.248	-0.242	-0.246	-0.235	-0.240
		8			-0.228	-0.240	-0.246	-0.253	-0.217	-0.242	-0.257	-0.276
34	6	7	0.400	6.01	0.00	0.968	-0.226	-0.228	-0.223	-0.232	-0.221	-0.227
		8			-0.194	-0.226	-0.235	-0.239	-0.186	-0.234	-0.243	-0.250
35	2	7	0.400	15.00	-6.08	0.952	-0.306	-0.315	-0.297	-0.303	-0.288	-0.296
		8			-0.267	-0.303	-0.310	-0.310	-0.305	-0.307	-0.317	-0.330
35	3	7	0.400	14.98	-3.04	0.951	-0.295	-0.306	-0.285	-0.293	-0.279	-0.286
		8			-0.249	-0.287	-0.297	-0.306	-0.274	-0.304	-0.313	-0.332
35	4	7	0.400	14.96	0.00	0.947	-0.287	-0.295	-0.279	-0.290	-0.279	-0.284
		8			-0.240	-0.281	-0.291	-0.303	-0.247	-0.298	-0.307	-0.326
35	5	7	0.400	15.00	3.05	0.947	-0.292	-0.296	-0.287	-0.296	-0.284	-0.290
		8			-0.254	-0.290	-0.300	-0.305	-0.238	-0.297	-0.319	-0.332
35	6	7	0.400	14.96	6.08	0.954	-0.303	-0.304	-0.301	-0.304	-0.287	-0.296
		8			-0.280	-0.296	-0.312	-0.317	-0.250	-0.300	-0.321	-0.346
35	7	7	0.400	14.99	0.00	0.954	-0.285	-0.291	-0.279	-0.287	-0.279	-0.283
		8			-0.240	-0.281	-0.291	-0.306	-0.244	-0.292	-0.301	-0.326
36	3	7	0.400	-4.01	-0.00	0.968	-0.124	-0.129	-0.118	-0.125	-0.110	-0.117
		8			-0.098	-0.126	-0.114	-0.134	-0.109	-0.129	-0.132	-0.146

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
36	4	7	8	0.400	0.01	-0.00 -0.099	0.969 -0.124	-0.125 -0.118	-0.132 -0.135	-0.119 -0.108	-0.129 -0.139	-0.114 -0.130	-0.122 -0.150
36	5	7	8	0.400	2.01	-0.00 -0.093	0.969 -0.124	-0.127 -0.122	-0.135 -0.135	-0.118 -0.111	-0.126 -0.139	-0.108 -0.136	-0.117 -0.155
36	6	7	8	0.400	3.98	0.00 -0.085	0.984 -0.116	-0.117 -0.113	-0.125 -0.127	-0.110 -0.096	-0.124 -0.128	-0.103 -0.130	-0.113 -0.144
36	7	7	8	0.400	6.02	-0.00 -0.096	0.984 -0.121	-0.122 -0.115	-0.129 -0.132	-0.116 -0.099	-0.123 -0.130	-0.105 -0.133	-0.114 -0.152
36	8	7	8	0.400	7.94	0.00 -0.104	0.984 -0.120	-0.123 -0.117	-0.128 -0.131	-0.118 -0.097	-0.128 -0.132	-0.107 -0.134	-0.117 -0.148
36	9	7	8	0.400	9.99	0.00 -0.108	0.983 -0.121	-0.126 -0.122	-0.130 -0.135	-0.122 -0.096	-0.129 -0.134	-0.114 -0.136	-0.122 -0.156
36	10	7	8	0.400	14.99	0.00 -0.115	0.982 -0.140	-0.148 -0.153	-0.154 -0.163	-0.143 -0.103	-0.154 -0.158	-0.133 -0.167	-0.144 -0.187
36	11	7	8	0.400	20.14	-0.00 -0.135	0.974 -0.172	-0.181 -0.190	-0.188 -0.200	-0.174 -0.134	-0.185 -0.195	-0.164 -0.204	-0.175 -0.218
36	12	7	8	0.400	-0.00	-0.00 -0.095	0.975 -0.125	-0.124 -0.120	-0.130 -0.134	-0.118 -0.106	-0.127 -0.132	-0.113 -0.134	-0.120 -0.148

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
37	1	7 8	0.400	0.00	-6.06 -0.164	0.982 -0.177	-0.161 -0.169	-0.160 -0.141	-0.163 -0.167	-0.161 -0.160	-0.141 -0.168	-0.151 -0.146
37	2	7 8	0.400	-0.00	-3.04 -0.136	0.982 -0.158	-0.147 -0.146	-0.150 -0.133	-0.143 -0.151	-0.142 -0.149	-0.124 -0.152	-0.133 -0.148
37	3	7 8	0.400	0.00	-0.00 -0.100	0.982 -0.122	-0.124 -0.120	-0.129 -0.133	-0.119 -0.103	-0.130 -0.132	-0.107 -0.134	-0.118 -0.148
37	4	7 8	0.400	0.01	3.04 -0.137	0.981 -0.127	-0.137 -0.124	-0.140 -0.150	-0.135 -0.131	-0.144 -0.130	-0.129 -0.133	-0.136 -0.164
37	5	7 8	0.400	0.01	6.06 -0.165	0.981 -0.152	-0.157 -0.135	-0.158 -0.172	-0.156 -0.160	-0.163 -0.155	-0.148 -0.146	-0.155 -0.172
37	6	7 8	0.400	-0.01	-0.00 -0.099	0.981 -0.124	-0.124 -0.118	-0.130 -0.132	-0.118 -0.104	-0.129 -0.130	-0.117 -0.138	-0.123 -0.146
38	1	7 8	0.400	5.98	-6.08 -0.147	0.981 -0.176	-0.161 -0.167	-0.164 -0.139	-0.157 -0.165	-0.157 -0.167	-0.142 -0.169	-0.149 -0.154
38	2	7 8	0.400	6.01	-3.05 -0.113	0.981 -0.144	-0.139 -0.142	-0.144 -0.135	-0.134 -0.134	-0.134 -0.145	-0.114 -0.147	-0.124 -0.149
38	3	7 8	0.400	5.99	0.00 -0.103	0.974 -0.119	-0.122 -0.117	-0.127 -0.131	-0.118 -0.097	-0.127 -0.129	-0.116 -0.137	-0.122 -0.145

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	P_P/P	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
38	4	7	8	0.400	5.99	3.05 -0.124	0.973 -0.117	-0.130 -0.114	-0.134 -0.148	-0.126 -0.109	-0.136 -0.126	-0.119 -0.134	-0.127 -0.166
38	5	7	8	0.400	6.00	6.08 -0.155	0.966 -0.136	-0.152 -0.130	-0.155 -0.173	-0.149 -0.140	-0.158 -0.148	-0.141 -0.144	-0.149 -0.188
38	6	7	8	0.400	6.00	0.00 -0.102	0.976 -0.121	-0.122 -0.115	-0.127 -0.132	-0.117 -0.098	-0.126 -0.130	-0.111 -0.132	-0.118 -0.146
39	1	7	8	0.400	15.00	-6.08 -0.153	0.988 -0.194	-0.185 -0.194	-0.190 -0.178	-0.180 -0.174	-0.174 -0.188	-0.163 -0.196	-0.168 -0.204
39	2	7	8	0.400	14.99	-3.05 -0.130	0.967 -0.161	-0.165 -0.173	-0.172 -0.166	-0.157 -0.142	-0.160 -0.170	-0.145 -0.184	-0.152 -0.192
39	3	7	8	0.400	14.99	0.00 -0.118	0.967 -0.140	-0.151 -0.155	-0.157 -0.163	-0.144 -0.106	-0.154 -0.158	-0.139 -0.172	-0.146 -0.192
39	4	7	8	0.400	14.97	3.05 -0.139	0.959 -0.143	-0.156 -0.152	-0.160 -0.172	-0.151 -0.109	-0.163 -0.161	-0.148 -0.169	-0.155 -0.201
39	5	7	8	0.400	14.98	6.08 -0.158	0.959 -0.145	-0.165 -0.154	-0.169 -0.188	-0.161 -0.128	-0.176 -0.160	-0.159 -0.174	-0.167 -0.212
39	6	7	8	0.400	14.97	0.00 -0.119	0.969 -0.142	-0.150 -0.154	-0.156 -0.165	-0.145 -0.104	-0.152 -0.157	-0.144 -0.171	-0.148 -0.191

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p_1}	C_{p_2}	C_{p_3}	C_{p_4}	C_{p_5}	C_{p_6}	C_{p_7}	C_{p_8}
40	3	7	8	0.400	-4.00	0.00 -0.100	0.996 -0.124	-0.127 -0.121	-0.134 -0.136	-0.120 -0.108	-0.130 -0.137	-0.106 -0.139	-0.118 -0.153
40	4	7	8	0.400	-0.01	0.00 -0.095	1.001 -0.121	-0.125 -0.121	-0.133 -0.133	-0.118 -0.108	-0.124 -0.138	-0.113 -0.139	-0.119 -0.147
40	5	7	8	0.400	2.00	0.00 -0.094	1.002 -0.121	-0.123 -0.118	-0.129 -0.133	-0.117 -0.102	-0.121 -0.134	-0.104 -0.136	-0.112 -0.144
40	6	7	8	0.400	4.00	0.00 -0.090	1.003 -0.116	-0.121 -0.116	-0.128 -0.131	-0.113 -0.097	-0.122 -0.132	-0.102 -0.134	-0.112 -0.148
40	7	7	8	0.400	5.98	0.00 -0.100	0.996 -0.121	-0.124 -0.118	-0.131 -0.132	-0.118 -0.098	-0.126 -0.134	-0.115 -0.141	-0.121 -0.149
40	8	7	8	0.400	7.97	0.00 -0.106	1.003 -0.118	-0.124 -0.121	-0.129 -0.133	-0.119 -0.096	-0.127 -0.131	-0.112 -0.139	-0.119 -0.153
40	9	7	8	0.400	9.98	0.00 -0.110	0.996 -0.119	-0.129 -0.122	-0.135 -0.140	-0.123 -0.097	-0.131 -0.135	-0.117 -0.143	-0.124 -0.163
40	10	7	8	0.400	14.97	0.00 -0.121	1.001 -0.142	-0.152 -0.154	-0.158 -0.168	-0.146 -0.108	-0.154 -0.161	-0.142 -0.169	-0.148 -0.194
40	11	7	8	0.400	20.19	0.00 -0.133	0.973 -0.172	-0.183 -0.196	-0.190 -0.201	-0.175 -0.135	-0.183 -0.193	-0.169 -0.207	-0.176 -0.226

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
40	12	7	8	0.400	0.02	0.00 -0.099	0.995 -0.122	-0.126 -0.122	-0.132 -0.134	-0.119 -0.106	-0.125 -0.136	-0.117 -0.137	-0.121 -0.151
41	1	7	8	0.400	0.00	-6.06 -0.166	0.981 -0.175	-0.165 -0.172	-0.166 -0.140	-0.163 -0.171	-0.163 -0.170	-0.151 -0.178	-0.157 -0.145
41	2	7	8	0.400	-0.00	-3.04 -0.135	0.995 -0.153	-0.144 -0.144	-0.147 -0.132	-0.141 -0.146	-0.138 -0.146	-0.127 -0.147	-0.132 -0.150
41	3	7	8	0.400	0.00	-0.00 -0.099	0.988 -0.122	-0.126 -0.119	-0.134 -0.134	-0.119 -0.109	-0.125 -0.135	-0.111 -0.137	-0.118 -0.157
41	4	7	8	0.400	0.00	3.04 -0.141	0.981 -0.124	-0.138 -0.124	-0.142 -0.148	-0.134 -0.128	-0.139 -0.137	-0.124 -0.139	-0.131 -0.165
41	5	7	8	0.400	-0.00	6.06 -0.160	0.981 -0.149	-0.157 -0.137	-0.159 -0.173	-0.155 -0.157	-0.158 -0.153	-0.146 -0.149	-0.152 -0.175
41	6	7	8	0.400	0.04	0.00 -0.096	0.988 -0.122	-0.125 -0.119	-0.132 -0.137	-0.119 -0.103	-0.125 -0.135	-0.116 -0.137	-0.121 -0.151
42	1	7	8	0.400	5.99	-6.08 -0.141	0.981 -0.174	-0.161 -0.168	-0.166 -0.138	-0.155 -0.161	-0.150 -0.172	-0.141 -0.174	-0.146 -0.159
42	2	7	8	0.400	5.98	-3.05 -0.109	0.988 -0.136	-0.136 -0.136	-0.143 -0.136	-0.129 -0.122	-0.130 -0.143	-0.118 -0.150	-0.124 -0.159

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c_1}}$	$C_{p_{c_2}}$	C_{p_c}
		8			C_{p_1}	C_{p_2}	C_{p_3}	C_{p_4}	C_{p_5}	C_{p_6}	C_{p_7}	C_{p_8}
42	3	7 8	0.400	5.98	0.00 -0.104	0.981 -0.116	-0.123 -0.116	-0.129 -0.131	-0.117 -0.097	-0.125 -0.129	-0.111 -0.137	-0.118 -0.151
42	4	7 8	0.400	5.99	3.05 -0.118	0.980 -0.118	-0.129 -0.118	-0.134 -0.144	-0.124 -0.104	-0.133 -0.128	-0.115 -0.136	-0.124 -0.167
42	5	7 8	0.400	5.99	6.08 -0.154	0.973 -0.131	-0.152 -0.128	-0.157 -0.175	-0.147 -0.135	-0.157 -0.153	-0.146 -0.149	-0.151 -0.192
42	6	7 8	0.400	5.99	0.00 -0.103	0.980 -0.121	-0.124 -0.118	-0.130 -0.133	-0.119 -0.098	-0.127 -0.131	-0.112 -0.138	-0.119 -0.153
43	2	7 8	0.400	14.96	-6.08 -0.152	0.979 -0.188	-0.183 -0.191	-0.189 -0.176	-0.177 -0.169	-0.176 -0.186	-0.162 -0.200	-0.169 -0.202
43	3	7 8	0.400	14.96	-3.04 -0.125	0.972 -0.155	-0.163 -0.169	-0.172 -0.166	-0.154 -0.138	-0.157 -0.173	-0.143 -0.181	-0.150 -0.195
43	4	7 8	0.400	14.97	0.00 -0.121	0.972 -0.141	-0.151 -0.156	-0.157 -0.165	-0.146 -0.104	-0.156 -0.157	-0.138 -0.171	-0.147 -0.196
43	5	7 8	0.400	14.97	3.06 -0.141	0.964 -0.144	-0.158 -0.156	-0.162 -0.173	-0.154 -0.110	-0.165 -0.160	-0.147 -0.174	-0.156 -0.205
43	6	7 8	0.400	14.98	6.09 -0.160	0.971 -0.143	-0.168 -0.158	-0.173 -0.190	-0.163 -0.126	-0.172 -0.165	-0.158 -0.184	-0.165 -0.216

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	C_{pC1}	C_{pC2}	C_{pC}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
44	11	7	8	0.400	20.16	-0.00 -0.135	0.972 -0.173	-0.181 -0.194	-0.187 -0.202	-0.176 -0.136	-0.184 -0.192	-0.173 -0.200	-0.179 -0.219
44	12	7	8	0.400	-0.00	0.00 -0.102	0.979 -0.125	-0.124 -0.122	-0.128 -0.134	-0.121 -0.106	-0.125 -0.130	-0.117 -0.131	-0.121 -0.145
45	1	7	8	0.400	0.00	-6.06 -0.155	0.987 -0.174	-0.158 -0.165	-0.158 -0.135	-0.157 -0.160	-0.156 -0.169	-0.144 -0.165	-0.150 -0.138
45	2	7	8	0.400	-0.00	-3.04 -0.132	0.987 -0.150	-0.141 -0.141	-0.144 -0.129	-0.138 -0.143	-0.135 -0.143	-0.124 -0.144	-0.129 -0.147
45	3	7	8	0.400	0.00	0.00 -0.102	0.980 -0.122	-0.123 -0.116	-0.127 -0.134	-0.119 -0.103	-0.128 -0.127	-0.114 -0.134	-0.121 -0.142
45	4	7	8	0.400	0.00	3.04 -0.135	0.972 -0.127	-0.135 -0.121	-0.137 -0.144	-0.132 -0.125	-0.138 -0.134	-0.127 -0.135	-0.132 -0.155
45	5	7	8	0.400	-0.00	6.06 -0.160	0.972 -0.152	-0.157 -0.137	-0.159 -0.173	-0.156 -0.151	-0.158 -0.159	-0.146 -0.149	-0.152 -0.175
45	6	7	8	0.400	-0.00	0.00 -0.103	0.980 -0.124	-0.123 -0.121	-0.126 -0.132	-0.120 -0.101	-0.127 -0.131	-0.118 -0.133	-0.122 -0.141
46	1	7	8	0.400	6.00	-6.08 -0.137	0.980 -0.170	-0.154 -0.161	-0.157 -0.135	-0.151 -0.157	-0.143 -0.162	-0.126 -0.158	-0.135 -0.149

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
46	2	7	8	0.400	6.00	-3.05 -0.110	0.987 -0.134	-0.133 -0.137	-0.137 -0.137	-0.130 -0.118	-0.134 -0.138	-0.119 -0.146	-0.127 -0.148
46	3	7	8	0.400	5.99	0.00 -0.104	0.987 -0.119	-0.122 -0.116	-0.125 -0.134	-0.118 -0.100	-0.125 -0.129	-0.116 -0.131	-0.121 -0.139
46	4	7	8	0.400	6.00	3.05 -0.118	0.972 -0.118	-0.127 -0.115	-0.131 -0.142	-0.123 -0.102	-0.133 -0.132	-0.118 -0.133	-0.126 -0.159
46	5	7	8	0.400	6.00	6.08 -0.146	0.972 -0.125	-0.142 -0.116	-0.146 -0.169	-0.139 -0.124	-0.152 -0.141	-0.134 -0.137	-0.143 -0.181
46	6	7	8	0.400	5.99	0.00 -0.106	0.972 -0.118	-0.123 -0.121	-0.126 -0.133	-0.119 -0.098	-0.127 -0.128	-0.109 -0.135	-0.118 -0.144
47	1	7	8	0.400	14.98	-6.09 -0.154	0.978 -0.190	-0.185 -0.196	-0.192 -0.178	-0.179 -0.176	-0.175 -0.191	-0.160 -0.198	-0.167 -0.201
47	2	7	8	0.400	14.97	-3.05 -0.130	0.978 -0.160	-0.166 -0.172	-0.174 -0.169	-0.158 -0.138	-0.160 -0.176	-0.145 -0.183	-0.153 -0.197
47	3	7	8	0.400	14.98	0.00 -0.119	0.971 -0.140	-0.149 -0.158	-0.153 -0.166	-0.146 -0.103	-0.154 -0.156	-0.137 -0.169	-0.146 -0.183
47	4	7	8	0.400	14.98	3.06 -0.139	0.971 -0.142	-0.156 -0.154	-0.159 -0.174	-0.152 -0.111	-0.162 -0.161	-0.148 -0.169	-0.155 -0.194

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	C_{P1}	C_{P2}	C_{P3}	C_{PE}	C_{PH}	C_{Pc1}	C_{Pc2}	C_{Pc}
47	5	7	8	0.400	14.98		6.09 -0.156	0.971 -0.144	-0.164 -0.156	-0.167 -0.188	-0.161 -0.125	-0.173 -0.160	-0.159 -0.174	-0.166 -0.211
47	6	7	8	0.400	14.98		0.00 -0.120	0.971 -0.147	-0.153 -0.155	-0.158 -0.170	-0.148 -0.107	-0.158 -0.160	-0.141 -0.173	-0.150 -0.193
48	1	7	8	0.400	-4.00		0.00 -0.249	0.941 -0.260	-0.257 -0.251	-0.262 -0.250	-0.252 -0.249	-0.243 -0.254	-0.223 -0.256	-0.233 -0.287
48	2	7	8	0.400	0.01		0.00 -0.260	0.941 -0.274	-0.276 -0.271	-0.282 -0.270	-0.269 -0.261	-0.258 -0.268	-0.237 -0.276	-0.247 -0.325
48	3	7	8	0.400	2.02		0.00 -0.261	0.948 -0.278	-0.282 -0.279	-0.290 -0.277	-0.274 -0.262	-0.262 -0.281	-0.238 -0.284	-0.250 -0.332
48	4	7	8	0.400	4.00		0.00 -0.263	0.954 -0.286	-0.289 -0.286	-0.297 -0.288	-0.281 -0.270	-0.275 -0.286	-0.243 -0.288	-0.259 -0.343
48	5	7	8	0.400	5.98		0.00 -0.249	0.961 -0.286	-0.290 -0.289	-0.299 -0.299	-0.281 -0.255	-0.281 -0.297	-0.261 -0.306	-0.271 -0.337
48	6	7	8	0.400	7.98		0.00 -0.263	0.954 -0.294	-0.302 -0.301	-0.312 -0.308	-0.292 -0.272	-0.290 -0.309	-0.266 -0.311	-0.278 -0.354
48	7	7	8	0.400	10.01		0.00 -0.275	0.954 -0.304	-0.313 -0.310	-0.324 -0.320	-0.302 -0.288	-0.299 -0.318	-0.276 -0.321	-0.287 -0.369

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
					C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
48	8	7	8	15.01	0.00 -0.304	0.968 -0.351	-0.358 -0.357	-0.371 -0.367	-0.345 -0.341	-0.342 -0.361	-0.319 -0.371	-0.331 -0.413
48	9	7	8	20.24	-0.00 -0.360	0.939 -0.407	-0.414 -0.411	-0.428 -0.426	-0.401 -0.403	-0.396 -0.417	-0.375 -0.427	-0.385 -0.463
48	10	7	8	0.01	0.00 -0.256	0.954 -0.273	-0.274 -0.270	-0.282 -0.266	-0.266 -0.263	-0.259 -0.267	-0.236 -0.275	-0.248 -0.324
49	1	7	8	-0.00	-6.06 -0.266	0.955 -0.292	-0.281 -0.284	-0.283 -0.273	-0.279 -0.267	-0.270 -0.280	-0.244 -0.289	-0.257 -0.296
49	2	7	8	-0.00	-3.04 -0.246	0.955 -0.277	-0.273 -0.278	-0.278 -0.270	-0.268 -0.258	-0.264 -0.277	-0.241 -0.286	-0.252 -0.293
49	3	7	8	0.00	0.00 -0.258	0.947 -0.275	-0.276 -0.270	-0.285 -0.268	-0.268 -0.265	-0.256 -0.275	-0.239 -0.278	-0.247 -0.321
49	4	7	8	0.00	3.04 -0.257	0.962 -0.259	-0.268 -0.256	-0.276 -0.269	-0.260 -0.254	-0.251 -0.256	-0.231 -0.264	-0.241 -0.331
49	5	7	8	-0.00	6.06 -0.270	0.947 -0.272	-0.276 -0.267	-0.280 -0.280	-0.272 -0.265	-0.262 -0.263	-0.238 -0.272	-0.250 -0.320
49	6	7	8	-0.00	0.00 -0.259	0.961 -0.275	-0.278 -0.273	-0.286 -0.271	-0.270 -0.265	-0.259 -0.272	-0.242 -0.281	-0.250 -0.324

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
50	1	7	8	0.400	6.00	-6.08 -0.277	0.962 -0.312	-0.305 -0.310	-0.310 -0.305	-0.301 -0.275	-0.295 -0.311	-0.269 -0.326	-0.282 -0.328
50	2	7	8	0.400	6.00	-3.05 -0.258	0.962 -0.296	-0.295 -0.302	-0.303 -0.297	-0.288 -0.259	-0.288 -0.313	-0.265 -0.310	-0.276 -0.329
50	3	7	8	0.400	6.00	0.00 -0.250	0.961 -0.287	-0.291 -0.291	-0.301 -0.301	-0.282 -0.253	-0.283 -0.299	-0.262 -0.307	-0.272 -0.344
50	4	7	8	0.400	6.00	3.05 -0.261	0.954 -0.293	-0.297 -0.293	-0.305 -0.306	-0.288 -0.268	-0.285 -0.289	-0.265 -0.310	-0.275 -0.353
50	5	7	8	0.400	5.99	6.08 -0.280	0.940 -0.308	-0.305 -0.297	-0.309 -0.324	-0.302 -0.286	-0.292 -0.296	-0.265 -0.305	-0.279 -0.347
50	6	7	8	0.400	6.00	0.00 -0.246	0.940 -0.286	-0.288 -0.290	-0.297 -0.296	-0.280 -0.252	-0.281 -0.294	-0.258 -0.303	-0.270 -0.340
51	1	7	8	0.400	14.94	-6.08 -0.338	0.931 -0.382	-0.384 -0.386	-0.396 -0.386	-0.373 -0.381	-0.368 -0.390	-0.342 -0.393	-0.355 -0.418
51	2	7	8	0.400	14.97	-3.05 -0.317	0.926 -0.363	-0.368 -0.370	-0.380 -0.379	-0.357 -0.359	-0.361 -0.368	-0.326 -0.383	-0.343 -0.408
51	3	7	8	0.400	14.98	0.00 -0.311	0.939 -0.352	-0.361 -0.359	-0.373 -0.371	-0.348 -0.339	-0.347 -0.363	-0.326 -0.378	-0.336 -0.414

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C_1}}$	$C_{P_{C_2}}$	C_{P_C}	
							C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
51	4	7	8	0.400	14.98	3.05 -0.307	0.932 -0.365	-0.370 -0.360	-0.386 -0.384	-0.354 -0.355	-0.354 -0.370	-0.334 -0.391	-0.344 -0.427	
51	5	7	8	0.400	14.94	6.09 -0.339	0.925 -0.395	-0.391 -0.387	-0.399 -0.416	-0.384 -0.361	-0.375 -0.379	-0.354 -0.400	-0.364 -0.454	
51	6	7	8	0.400	14.95	0.00 -0.307	0.932 -0.354	-0.361 -0.358	-0.374 -0.373	-0.348 -0.344	-0.349 -0.362	-0.325 -0.377	-0.337 -0.413	
52	3	7	8	0.400	-3.99	0.00 -0.309	0.971 -0.329	-0.335 -0.324	-0.346 -0.334	-0.324 -0.322	-0.312 -0.328	-0.292 -0.326	-0.302 -0.409	
52	4	7	8	0.400	-0.01	0.00 -0.324	0.958 -0.347	-0.354 -0.339	-0.367 -0.351	-0.340 -0.346	-0.324 -0.340	-0.310 -0.343	-0.317 -0.438	
52	5	7	8	0.400	2.01	0.00 -0.329	0.930 -0.352	-0.360 -0.347	-0.373 -0.359	-0.347 -0.351	-0.338 -0.348	-0.318 -0.352	-0.328 -0.441	
52	6	7	8	0.400	4.00	0.00 -0.329	0.972 -0.355	-0.361 -0.356	-0.374 -0.356	-0.349 -0.348	-0.335 -0.354	-0.312 -0.357	-0.324 -0.435	
52	7	7	8	0.400	6.00	0.00 -0.323	0.972 -0.355	-0.360 -0.359	-0.371 -0.359	-0.349 -0.342	-0.338 -0.357	-0.321 -0.366	-0.329 -0.420	
52	8	7	8	0.400	7.98	0.00 -0.331	0.979 -0.360	-0.367 -0.364	-0.377 -0.370	-0.356 -0.350	-0.346 -0.362	-0.332 -0.377	-0.339 -0.419	

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
52	9	7	8	0.400	9.98	0.00 -0.339	0.972 -0.368	-0.377 -0.375	-0.388 -0.384	-0.367 -0.355	-0.354 -0.370	-0.340 -0.385	-0.347 -0.439
52	11	7	8	0.400	14.91	0.00 -0.389	0.964 -0.424	-0.436 -0.432	-0.448 -0.451	-0.424 -0.415	-0.413 -0.431	-0.395 -0.447	-0.404 -0.501
52	12	7	8	0.400	20.22	-0.00 -0.445	0.957 -0.482	-0.493 -0.489	-0.505 -0.508	-0.481 -0.475	-0.466 -0.482	-0.446 -0.498	-0.456 -0.563
52	13	7	8	0.400	0.00	0.00 -0.324	0.965 -0.348	-0.357 -0.340	-0.375 -0.349	-0.340 -0.347	-0.322 -0.344	-0.307 -0.347	-0.315 -0.460
53	1	7	8	0.400	0.00	-6.06 -0.330	0.965 -0.348	-0.345 -0.345	-0.350 -0.340	-0.341 -0.329	-0.325 -0.341	-0.316 -0.356	-0.320 -0.375
53	2	7	8	0.400	-0.00	-3.04 -0.321	0.972 -0.342	-0.340 -0.337	-0.347 -0.334	-0.333 -0.343	-0.319 -0.332	-0.307 -0.341	-0.313 -0.372
53	3	7	8	0.400	-0.01	0.00 -0.324	0.972 -0.344	-0.355 -0.339	-0.371 -0.351	-0.340 -0.346	-0.321 -0.337	-0.307 -0.346	-0.314 -0.453
53	4	7	8	0.400	0.01	3.04 -0.335	0.965 -0.337	-0.352 -0.338	-0.359 -0.368	-0.345 -0.324	-0.326 -0.331	-0.306 -0.346	-0.316 -0.435
53	5	7	8	0.400	0.00	-6.07 -0.331	0.965 -0.343	-0.352 -0.338	-0.356 -0.379	-0.348 -0.330	-0.329 -0.333	-0.315 -0.348	-0.322 -0.414

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
		8			C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
53	6	7	0.400	-0.03	0.00	0.973	-0.357	-0.375	-0.339	-0.321	-0.309	-0.315
	8	8			-0.323	-0.344	-0.339	-0.351	-0.343	-0.346	-0.349	-0.461
54	1	7	0.400	5.99	-6.08	0.972	-0.364	-0.370	-0.357	-0.347	-0.333	-0.340
	8	8			-0.338	-0.364	-0.368	-0.359	-0.348	-0.363	-0.384	-0.385
54	2	7	0.400	5.99	-3.05	0.972	-0.361	-0.368	-0.355	-0.344	-0.326	-0.335
	8	8			-0.331	-0.361	-0.365	-0.362	-0.336	-0.362	-0.378	-0.396
54	3	7	0.400	5.98	0.00	0.971	-0.358	-0.370	-0.347	-0.334	-0.317	-0.326
	8	8			-0.322	-0.351	-0.352	-0.361	-0.341	-0.353	-0.362	-0.422
54	4	7	0.400	6.00	3.05	0.964	-0.357	-0.364	-0.349	-0.338	-0.315	-0.327
	8	8			-0.329	-0.346	-0.347	-0.374	-0.330	-0.340	-0.360	-0.426
54	5	7	0.400	5.99	6.08	0.949	-0.365	-0.375	-0.356	-0.349	-0.323	-0.336
	8	8			-0.337	-0.355	-0.353	-0.379	-0.342	-0.348	-0.363	-0.446
54	6	7	0.400	5.99	0.00	0.956	-0.356	-0.365	-0.347	-0.337	-0.314	-0.325
	8	8			-0.322	-0.351	-0.355	-0.361	-0.338	-0.350	-0.359	-0.413
55	1	7	0.400	15.03	-6.08	0.957	-0.447	-0.455	-0.440	-0.428	-0.402	-0.415
	8	8			-0.416	-0.443	-0.444	-0.455	-0.433	-0.444	-0.460	-0.484
55	2	7	0.400	14.92	-3.05	0.959	-0.436	-0.449	-0.423	-0.413	-0.395	-0.404
	8	8			-0.392	-0.425	-0.429	-0.446	-0.427	-0.432	-0.447	-0.490

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
55	3	7	8	0.400	15.02	0.00 -0.389	0.958 -0.422	-0.437 -0.429	-0.452 -0.452	-0.423 -0.412	-0.413 -0.431	-0.395 -0.453	-0.404 -0.513
55	4	7	8	0.400	14.95	3.06 -0.385	0.951 -0.421	-0.432 -0.428	-0.441 -0.460	-0.424 -0.396	-0.412 -0.422	-0.398 -0.444	-0.405 -0.503
55	5	7	8	0.400	15.01	6.09 -0.399	0.950 -0.438	-0.450 -0.442	-0.461 -0.479	-0.439 -0.407	-0.431 -0.433	-0.414 -0.466	-0.423 -0.538
55	6	7	8	0.400	14.97	0.00 -0.386	0.944 -0.421	-0.433 -0.428	-0.445 -0.448	-0.421 -0.411	-0.412 -0.422	-0.386 -0.444	-0.399 -0.503
56	3	7	8	0.400	-3.99	0.00 -0.123	0.962 -0.126	-0.133 -0.132	-0.134 -0.147	-0.132 -0.101	-0.141 -0.133	-0.120 -0.141	-0.130 -0.161
56	4	7	8	0.400	-0.01	0.00 -0.123	0.962 -0.129	-0.137 -0.138	-0.139 -0.147	-0.134 -0.106	-0.138 -0.136	-0.123 -0.150	-0.130 -0.164
56	5	7	8	0.400	1.99	0.00 -0.126	0.970 -0.133	-0.140 -0.147	-0.142 -0.147	-0.138 -0.110	-0.147 -0.143	-0.129 -0.150	-0.138 -0.164
56	6	7	8	0.400	4.01	0.00 -0.129	0.970 -0.145	-0.148 -0.154	-0.150 -0.156	-0.146 -0.119	-0.153 -0.149	-0.136 -0.162	-0.144 -0.170
56	7	7	8	0.400	6.03	0.00 -0.137	0.977 -0.155	-0.160 -0.164	-0.164 -0.170	-0.157 -0.130	-0.163 -0.162	-0.149 -0.176	-0.156 -0.190

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
					C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
56	9	7	8	0.400	7.97	0.00	0.976	-0.166	-0.169	-0.163	-0.169	-0.162
						-0.143	-0.164	-0.170	-0.136	-0.168	-0.182	-0.190
56	10	7	8	0.400	9.98	0.00	0.976	-0.176	-0.180	-0.173	-0.163	-0.172
						-0.148	-0.175	-0.181	-0.144	-0.182	-0.190	-0.204
56	11	7	8	0.400	14.97	0.00	0.968	-0.214	-0.217	-0.210	-0.199	-0.209
						-0.178	-0.211	-0.224	-0.174	-0.224	-0.232	-0.240
56	12	7	8	0.400	20.23	-0.00	0.968	-0.252	-0.256	-0.248	-0.236	-0.246
						-0.212	-0.249	-0.261	-0.215	-0.255	-0.269	-0.283
56	13	7	8	0.400	-0.00	-0.00	0.969	-0.138	-0.139	-0.136	-0.128	-0.135
						-0.125	-0.131	-0.143	-0.106	-0.135	-0.148	-0.168
57	1	7	8	0.400	-0.00	-6.06	0.969	-0.162	-0.165	-0.158	-0.141	-0.149
						-0.150	-0.168	-0.165	-0.152	-0.166	-0.174	-0.170
57	2	7	8	0.400	0.00	-3.04	0.976	-0.145	-0.150	-0.141	-0.134	-0.140
						-0.122	-0.143	-0.149	-0.118	-0.153	-0.160	-0.169
57	3	7	8	0.400	0.00	0.00	0.970	-0.138	-0.141	-0.135	-0.127	-0.133
						-0.127	-0.130	-0.139	-0.108	-0.140	-0.148	-0.168
57	4	7	8	0.400	0.00	3.04	0.968	-0.144	-0.149	-0.140	-0.135	-0.141
						-0.138	-0.130	-0.135	-0.122	-0.143	-0.150	-0.182

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
57	5	7	0.400	-0.00	6.07	0.961	-0.155	-0.158	-0.152	-0.157	-0.140	-0.149
	8	8			-0.148	-0.146	-0.146	-0.166	-0.138	-0.153	-0.155	-0.186
57	6	7	0.400	-0.00	-0.00	0.969	-0.141	-0.145	-0.137	-0.142	-0.131	-0.137
	8	8			-0.128	-0.131	-0.140	-0.148	-0.112	-0.138	-0.157	-0.171
58	1	7	0.400	6.00	-6.08	0.976	-0.183	-0.188	-0.178	-0.183	-0.171	-0.177
	8	8			-0.159	-0.183	-0.187	-0.183	-0.164	-0.190	-0.198	-0.200
58	2	7	0.400	5.99	-3.05	0.984	-0.171	-0.175	-0.166	-0.172	-0.151	-0.162
	8	8			-0.145	-0.172	-0.173	-0.175	-0.147	-0.176	-0.184	-0.192
58	3	7	0.400	5.98	0.00	0.968	-0.164	-0.170	-0.158	-0.164	-0.144	-0.154
	8	8			-0.135	-0.156	-0.168	-0.171	-0.131	-0.175	-0.177	-0.196
58	4	7	0.400	5.99	3.05	0.961	-0.168	-0.171	-0.165	-0.172	-0.152	-0.162
	8	8			-0.151	-0.161	-0.173	-0.175	-0.138	-0.171	-0.178	-0.198
58	5	7	0.400	5.99	6.08	0.954	-0.183	-0.185	-0.180	-0.186	-0.172	-0.179
	8	8			-0.174	-0.172	-0.181	-0.192	-0.156	-0.179	-0.193	-0.212
58	6	7	0.400	6.00	0.00	0.954	-0.162	-0.166	-0.158	-0.164	-0.144	-0.154
	8	8			-0.138	-0.156	-0.168	-0.170	-0.128	-0.169	-0.176	-0.190
59	1	7	0.400	14.98	-6.08	0.960	-0.235	-0.243	-0.227	-0.233	-0.212	-0.222
	8	8			-0.200	-0.231	-0.240	-0.236	-0.223	-0.243	-0.245	-0.259

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
59	2	7	0.400	14.97	-3.04 -0.184	0.960 -0.217	-0.222 -0.226	-0.230 -0.231	-0.215 -0.195	-0.222 -0.235	-0.205 -0.237	-0.213 -0.251
59	3	7	0.400	14.98	0.00 -0.182	0.953 -0.212	-0.216 -0.224	-0.221 -0.226	-0.211 -0.175	-0.220 -0.224	-0.206 -0.232	-0.213 -0.252
59	4	7	0.400	14.98	3.05 -0.195	0.954 -0.214	-0.220 -0.229	-0.224 -0.230	-0.217 -0.171	-0.227 -0.226	-0.213 -0.240	-0.220 -0.259
59	5	7	0.400	14.98	6.09 -0.217	0.946 -0.210	-0.229 -0.237	-0.232 -0.244	-0.227 -0.179	-0.238 -0.228	-0.221 -0.248	-0.229 -0.273
59	6	7	0.400	14.97	0.00 -0.181	0.946 -0.208	-0.214 -0.223	-0.219 -0.225	-0.209 -0.174	-0.219 -0.221	-0.202 -0.234	-0.210 -0.248
60	3	7	0.400	-3.99	0.00 -0.126	0.985 -0.129	-0.134 -0.135	-0.134 -0.146	-0.134 -0.103	-0.140 -0.124	-0.111 -0.138	-0.126 -0.170
60	4	7	0.400	0.02	0.00 -0.136	0.980 -0.137	-0.145 -0.149	-0.146 -0.151	-0.143 -0.115	-0.145 -0.147	-0.122 -0.154	-0.134 -0.168
60	5	7	0.400	2.03	0.00 -0.135	0.966 -0.141	-0.145 -0.147	-0.147 -0.153	-0.144 -0.110	-0.149 -0.145	-0.115 -0.153	-0.132 -0.178
60	6	7	0.400	4.01	0.00 -0.133	0.993 -0.145	-0.151 -0.157	-0.154 -0.156	-0.148 -0.120	-0.150 -0.152	-0.127 -0.165	-0.139 -0.180

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
60	7	7	8	0.400	5.97	0.00 -0.143	0.979 -0.164	-0.163 -0.170	-0.164 -0.173	-0.162 -0.130	-0.166 -0.159	-0.140 -0.173	-0.153 -0.193
60	8	7	8	0.400	7.98	0.00 -0.143	0.978 -0.161	-0.164 -0.170	-0.166 -0.172	-0.161 -0.133	-0.163 -0.159	-0.140 -0.178	-0.152 -0.192
60	9	7	8	0.400	9.97	0.00 -0.151	0.971 -0.175	-0.175 -0.184	-0.176 -0.187	-0.174 -0.141	-0.178 -0.171	-0.146 -0.190	-0.162 -0.204
60	10	7	8	0.400	14.98	0.00 -0.177	0.964 -0.210	-0.209 -0.222	-0.210 -0.224	-0.208 -0.173	-0.215 -0.205	-0.186 -0.225	-0.201 -0.238
60	11	7	8	0.400	20.23	-0.00 -0.213	0.949 -0.249	-0.251 -0.261	-0.255 -0.266	-0.247 -0.215	-0.251 -0.252	-0.222 -0.266	-0.236 -0.286
60	12	7	8	0.400	-0.03	0.00 -0.137	0.971 -0.137	-0.144 -0.146	-0.145 -0.152	-0.143 -0.118	-0.143 -0.133	-0.119 -0.158	-0.131 -0.172
61	1	7	8	0.400	0.04	-6.06 -0.148	0.964 -0.164	-0.159 -0.164	-0.161 -0.152	-0.157 -0.147	-0.157 -0.156	-0.125 -0.169	-0.141 -0.172
61	2	7	8	0.400	-0.02	-3.04 -0.134	0.972 -0.155	-0.152 -0.161	-0.153 -0.154	-0.151 -0.129	-0.151 -0.147	-0.122 -0.166	-0.137 -0.169
61	3	7	8	0.400	-0.00	0.00 -0.137	0.970 -0.138	-0.144 -0.150	-0.144 -0.152	-0.144 -0.116	-0.146 -0.136	-0.117 -0.155	-0.132 -0.169

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
61	4	7	8	0.400	-0.00	3.04 -0.144	0.962 -0.138	-0.149 -0.147	-0.151 -0.162	-0.148 -0.125	-0.153 -0.134	-0.127 -0.153	-0.140 -0.191
61	5	7	8	0.400	0.03	6.06 -0.149	0.955 -0.147	-0.154 -0.153	-0.155 -0.167	-0.154 -0.136	-0.158 -0.140	-0.127 -0.159	-0.142 -0.184
61	6	7	8	0.400	0.00	-0.00 -0.136	0.969 -0.137	-0.143 -0.148	-0.144 -0.148	-0.142 -0.114	-0.145 -0.135	-0.116 -0.154	-0.131 -0.174
62	2	7	8	0.400	6.01	-6.08 -0.158	0.971 -0.183	-0.180 -0.189	-0.184 -0.179	-0.177 -0.169	-0.182 -0.181	-0.150 -0.188	-0.166 -0.196
62	3	7	8	0.400	5.98	-3.05 -0.142	0.978 -0.169	-0.169 -0.175	-0.173 -0.175	-0.165 -0.147	-0.169 -0.170	-0.140 -0.184	-0.154 -0.192
62	4	7	8	0.400	6.02	0.00 -0.138	0.964 -0.156	-0.160 -0.171	-0.160 -0.171	-0.159 -0.125	-0.164 -0.154	-0.135 -0.180	-0.150 -0.182
62	5	7	8	0.400	5.96	3.05 -0.152	0.956 -0.158	-0.166 -0.173	-0.167 -0.176	-0.165 -0.133	-0.169 -0.153	-0.140 -0.185	-0.155 -0.199
62	7	7	8	0.400	6.05	6.08 -0.177	0.956 -0.169	-0.184 -0.184	-0.186 -0.195	-0.181 -0.159	-0.186 -0.173	-0.160 -0.193	-0.173 -0.218
62	8	7	8	0.400	5.96	0.00 -0.139	0.963 -0.158	-0.163 -0.172	-0.166 -0.169	-0.160 -0.129	-0.166 -0.164	-0.134 -0.178	-0.150 -0.192

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
63	1	7 8	0.400	15.01	-6.08 -0.200	0.955 -0.234	-0.233 -0.243	-0.238 -0.233	-0.227 -0.220	-0.233 -0.234	-0.204 -0.248	-0.218 -0.250
63	2	7 8	0.400	15.01	-3.04 -0.181	0.941 -0.217	-0.218 -0.229	-0.221 -0.228	-0.214 -0.192	-0.219 -0.215	-0.196 -0.235	-0.208 -0.243
63	3	7 8	0.400	14.94	0.00 -0.179	0.948 -0.209	-0.211 -0.224	-0.213 -0.220	-0.208 -0.172	-0.214 -0.207	-0.188 -0.232	-0.201 -0.240
63	4	7 8	0.400	14.94	3.06 -0.194	0.940 -0.213	-0.217 -0.228	-0.218 -0.227	-0.215 -0.170	-0.224 -0.211	-0.192 -0.236	-0.208 -0.256
63	5	7 8	0.400	14.93	6.09 -0.215	0.935 -0.205	-0.227 -0.234	-0.229 -0.248	-0.225 -0.173	-0.236 -0.214	-0.212 -0.251	-0.224 -0.277
63	6	7 8	0.400	14.94	0.00 -0.181	0.942 -0.211	-0.210 -0.220	-0.212 -0.222	-0.209 -0.171	-0.216 -0.206	-0.187 -0.232	-0.202 -0.239

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
67	3	7	8	0.000	0.00	-0.00 -0.042	1.740 -0.057	-0.024 -0.012	-0.016 -0.018	-0.032 -0.021	-0.026 -0.025	0.008 -0.019	-0.008 0.002
67	4	7	8	0.000	0.00	-0.00 -0.088	3.472 -0.109	-0.065 -0.043	-0.053 -0.074	-0.078 -0.057	-0.036 -0.055	-0.021 -0.060	-0.029 -0.038
67	5	7	8	0.000	0.00	-0.00 -0.108	5.039 -0.129	-0.088 -0.063	-0.077 -0.100	-0.100 -0.083	-0.036 -0.075	-0.052 -0.080	-0.044 -0.068
67	6	7	8	0.000	0.00	-0.00 -0.129	6.684 -0.155	-0.106 -0.068	-0.095 -0.115	-0.117 -0.113	-0.057 -0.096	-0.072 -0.101	-0.065 -0.068
67	7	7	8	0.000	0.00	0.00 -0.152	8.261 -0.178	-0.123 -0.081	-0.113 -0.123	-0.133 -0.142	-0.070 -0.114	-0.090 -0.119	-0.080 -0.076
67	8	7	8	0.000	0.00	0.00 -0.182	9.824 -0.203	-0.143 -0.101	-0.131 -0.138	-0.156 -0.167	-0.080 -0.129	-0.106 -0.144	-0.093 -0.081
68	2	7	8	0.400	-3.98	0.00 -0.257	7.966 -0.309	-0.340 -0.348	-0.336 -0.463	-0.344 -0.146	-0.364	-0.351 -0.350	-0.351 -0.486
68	3	7	8	0.400	0.03	0.00 -0.263	7.933 -0.310	-0.342 -0.355	-0.336 -0.466	-0.349 -0.125	-0.359	-0.346 -0.356	-0.346 -0.504
68	4	7	8	0.400	2.01	0.00 -0.275	7.934 -0.313	-0.347 -0.355	-0.342 -0.469	-0.353 -0.135	-0.361	-0.354 -0.365	-0.354 -0.506

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C_1}}$	$C_{P_{C_2}}$	C_{P_C}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
68	5	7	8	0.400	3.98	0.00 -0.282	7.947 -0.325	-0.355 -0.358	-0.351 -0.469	-0.359 -0.144	-0.371	-0.358 -0.374	-0.358 -0.516
68	6	7	8	0.400	6.01	0.00 -0.287	7.965 -0.339	-0.362 -0.363	-0.358 -0.472	-0.365 -0.166	-0.376	-0.363 -0.379	-0.363 -0.510
68	7	7	8	0.400	7.98	0.00 -0.293	7.832 -0.351	-0.370 -0.370	-0.367 -0.476	-0.373 -0.184	-0.383	-0.376 -0.392	-0.376 -0.511
68	8	7	8	0.400	10.02	0.00 -0.274	7.871 -0.364	-0.374 -0.383	-0.370 -0.488	-0.377 -0.195	-0.386	-0.374 -0.390	-0.374 -0.508
68	9	7	8	0.400	14.96	0.00 -0.226	7.919 -0.397	-0.393 -0.420	-0.395 -0.522	-0.391 -0.236	-0.413	-0.400 -0.417	-0.400 -0.513
68	10	7	8	0.400	20.19	-0.00 -0.266	7.897 -0.460	-0.445 -0.467	-0.446 -0.580	-0.444 -0.282	-0.455	-0.454 -0.477	-0.454 -0.571
68	11	7	8	0.400	-0.02	0.00 -0.258	7.889 -0.310	-0.341 -0.352	-0.334 -0.469	-0.347 -0.117	-0.359	-0.352 -0.356	-0.352 -0.504
69	3	7	8	0.400	0.00	-6.06	7.891 -0.372	-0.372 -0.380	-0.355 -0.435	-0.395 -0.213	-0.364	-0.357 -0.380	-0.357 -0.464
69	4	7	8	0.400	0.00	-3.04	7.909 -0.333	-0.358 -0.361	-0.343 -0.441	-0.378 -0.173	-0.361	-0.359 -0.365	-0.359 -0.473

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	C_{pC1}	C_{pC2}	C_{pC}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
69	5	7	8	0.400	-0.00	0.00	7.936 -0.314	-0.357 -0.357	-0.343 -0.454	-0.375 -0.123	-0.365	-0.358 -0.370	-0.358 -0.514
69	6	7	8	0.400	-0.00	3.04	7.945 -0.300	-0.362 -0.340	-0.357 -0.461	-0.367 -0.209	-0.364	-0.362 -0.338	-0.362 -0.517
69	7	7	8	0.400	-0.00	6.07	7.955 -0.323	-0.390 -0.345	-0.398 -0.472	-0.380 -0.370	-0.356	-0.367 -0.360	-0.367 -0.504
69	8	7	8	0.400	0.00	0.00	7.846 -0.312	-0.351 -0.353	-0.337 -0.447	-0.371 -0.116	-0.364	-0.363 -0.362	-0.363 -0.506
70	1	7	8	0.400	6.00	-6.08	7.900 -0.388	-0.396 -0.404	-0.382 -0.453	-0.415 -0.240	-0.391	-0.372 -0.401	-0.372 -0.497
70	2	7	8	0.400	5.98	-3.05	7.929 -0.352	-0.376 -0.377	-0.364 -0.447	-0.392 -0.190	-0.376	-0.363 -0.381	-0.363 -0.512
70	3	7	8	0.400	5.99	0.00	7.928 -0.344	-0.371 -0.369	-0.358 -0.454	-0.389 -0.163	-0.380	-0.367 -0.385	-0.367 -0.504
70	4	7	8	0.400	5.99	3.05	7.923 -0.329	-0.368 -0.354	-0.358 -0.462	-0.382 -0.190	-0.374	-0.373 -0.372	-0.373 -0.498
70	5	7	8	0.400	5.98	6.08	7.927 -0.332	-0.386 -0.354	-0.383 -0.481	-0.389 -0.295	-0.374	-0.385 -0.361	-0.385 -0.504

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
70	6	7 8	0.400	6.00	0.00	7.863 -0.341	-0.370 -0.366	-0.358 -0.451	-0.386 -0.164	-0.374	-0.361 -0.384	-0.361 -0.509
71	1	7 8	0.400	14.99	-6.09	7.920 -0.440	-0.446 -0.457	-0.429 -0.505	-0.468 -0.264	-0.431	-0.407 -0.460	-0.407 -0.561
71	2	7 8	0.400	14.97	-3.04	7.919 -0.431	-0.436 -0.435	-0.419 -0.508	-0.458 -0.253	-0.434	-0.415 -0.444	-0.415 -0.546
71	3	7 8	0.400	14.98	0.00	7.922 -0.401	-0.419 -0.424	-0.401 -0.505	-0.443 -0.235	-0.419	-0.406 -0.430	-0.406 -0.520
71	4	7 8	0.400	14.98	3.06	7.913 -0.378	-0.415 -0.412	-0.400 -0.515	-0.435 -0.239	-0.417	-0.416 -0.422	-0.416 -0.523
71	5	7 8	0.400	14.98	6.09	7.872 -0.377	-0.416 -0.396	-0.402 -0.531	-0.435 -0.260	-0.412	-0.417 -0.405	-0.417 -0.530
71	6	7 8	0.400	14.98	0.00	7.894 -0.403	-0.419 -0.422	-0.400 -0.506	-0.444 -0.235	-0.421	-0.408 -0.425	-0.408 -0.521
72	3	7 8	0.400	-0.00	0.00	1.083 -0.149	-0.147 -0.146	-0.145 -0.154	-0.150 -0.108	-0.149	-0.136 -0.151	-0.136 -0.171
72	4	7 8	0.400	-0.00	0.00	1.090 -0.150	-0.148 -0.150	-0.145 -0.155	-0.152 -0.109	-0.147	-0.134 -0.155	-0.134 -0.169

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}		
							C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
72	6	7	8	-0.01	0.00	1.033 -0.144	-0.143 -0.144	-0.141 -0.149	-0.145 -0.109	-0.141	-0.128 -0.149	-0.128 -0.163		
72	7	7	8	0.00	0.00	1.033 -0.147	-0.143 -0.144	-0.140 -0.149	-0.146 -0.109	-0.138	-0.131 -0.152	-0.131 -0.160		
73	1	7	8	5.99	-6.08	0.955 -0.184	-0.183 -0.184	-0.185 -0.176	-0.181 -0.167	-0.186	-0.161 -0.195	-0.161 -0.191		
73	2	7	8	5.99	-3.05	0.970 -0.170	-0.173 -0.171	-0.175 -0.172	-0.171 -0.154	-0.182	-0.145 -0.179	-0.145 -0.186		
73	3	7	8	5.99	-0.00	0.955 -0.159	-0.164 -0.165	-0.164 -0.166	-0.163 -0.133	-0.161	-0.142 -0.176	-0.142 -0.184		
73	4	7	8	6.00	3.05	0.948 -0.153	-0.162 -0.166	-0.161 -0.170	-0.163 -0.128	-0.156	-0.149 -0.171	-0.149 -0.190		
73	5	7	8	5.99	6.08	0.947 -0.162	-0.174 -0.171	-0.175 -0.187	-0.173 -0.151	-0.164	-0.157 -0.179	-0.157 -0.205		
73	6	7	8	5.99	0.00	0.955 -0.157	-0.161 -0.163	-0.160 -0.165	-0.161 -0.128	-0.163	-0.143 -0.171	-0.143 -0.179		
74	5	7	8	-3.99	0.00 -0.112	1.249 -0.113	-0.123 -0.123	-0.127 -0.129	-0.119 -0.098	-0.135	-0.131 -0.130	-0.131 -0.145		

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	α	β	P_P/P	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C_1}}$	$C_{P_{C_2}}$	C_{P_C}	
			8			C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
74	6	7	8	0.00	0.00	1.249 -0.126	-0.132 -0.134	-0.136 -0.139	-0.129 -0.109	-0.138	-0.142 -0.140	-0.142 -0.155	
74	7	7	8	2.00	0.00	1.234 -0.123	-0.139 -0.142	-0.144 -0.142	-0.134 -0.115	-0.150	-0.146 -0.149	-0.146 -0.163	
74	8	7	8	3.99	0.00	1.248 -0.134	-0.147 -0.154	-0.150 -0.152	-0.144 -0.123	-0.152	-0.152 -0.158	-0.152 -0.166	
74	9	7	8	6.00	0.00	1.233 -0.143	-0.157 -0.163	-0.162 -0.161	-0.152 -0.130	-0.167	-0.163 -0.169	-0.163 -0.180	
74	10	7	8	7.97	0.00	1.234 -0.152	-0.165 -0.173	-0.170 -0.171	-0.161 -0.138	-0.175	-0.168 -0.178	-0.168 -0.189	
74	11	7	8	10.00	0.00	1.246 -0.168	-0.180 -0.187	-0.186 -0.186	-0.173 -0.153	-0.192	-0.181 -0.191	-0.181 -0.206	
74	12	7	8	14.96	0.00	1.245 -0.218	-0.231 -0.245	-0.237 -0.244	-0.225 -0.194	-0.244	-0.237 -0.250	-0.237 -0.261	
74	13	7	8	20.28	0.00	1.245 -0.300	-0.310 -0.325	-0.313 -0.327	-0.307 -0.276	-0.321	-0.310 -0.321	-0.310 -0.332	
74	14	7	8	0.00	-0.00	1.230 -0.117	-0.131 -0.134	-0.133 -0.138	-0.128 -0.109	-0.135	-0.135 -0.137	-0.135 -0.152	

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c_1}}$	$C_{p_{c_2}}$	C_{p_c}
		8			C_{p_1}	C_{p_2}	C_{p_3}	C_{p_4}	C_{p_5}	C_{p_6}	C_{p_7}	C_{p_8}
75	3	7 8	0.700	-0.00	-6.11 -0.136	1.319 -0.151	-0.149 -0.155	-0.152 -0.144	-0.147 -0.141	-0.147 -0.156	-0.148 -0.155	-0.148 -0.155
75	4	7 8	0.700	0.00	-3.06 -0.116	1.319 -0.127	-0.134 -0.141	-0.137 -0.143	-0.132 -0.114	-0.136 -0.138	-0.138 -0.144	-0.137 -0.151
75	5	7 8	0.700	-0.00	0.00 -0.122	1.318 -0.119	-0.130 -0.132	-0.132 -0.140	-0.128 -0.107	-0.133 -0.130	-0.137 -0.135	-0.135 -0.154
75	6	7 8	0.700	0.00	3.07 -0.122	1.318 -0.124	-0.136 -0.141	-0.138 -0.147	-0.134 -0.116	-0.140 -0.135	-0.142 -0.141	-0.141 -0.159
75	7	7 8	0.700	-0.00	6.12 -0.142	1.317 -0.138	-0.147 -0.139	-0.150 -0.161	-0.145 -0.140	-0.149 -0.142	-0.152 -0.144	-0.151 -0.173
75	8	7 8	0.700	-0.00	0.00 -0.120	1.315 -0.118	-0.129 -0.133	-0.130 -0.139	-0.127 -0.108	-0.134 -0.127	-0.137 -0.136	-0.135 -0.151
76	1	7 8	0.700	5.99	-6.15 -0.153	1.314 -0.170	-0.173 -0.182	-0.176 -0.178	-0.171 -0.151	-0.175 -0.184	-0.180 -0.183	-0.177 -0.187
76	2	7 8	0.700	5.99	-3.08 -0.135	1.314 -0.153	-0.159 -0.167	-0.162 -0.168	-0.156 -0.136	-0.163 -0.165	-0.165 -0.168	-0.164 -0.179
76	3	7 8	0.700	6.00	0.00 -0.137	1.324 -0.144	-0.153 -0.161	-0.155 -0.163	-0.151 -0.129	-0.158 -0.154	-0.161 -0.160	-0.159 -0.175

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
76	4	7	8	0.700	5.99	3.09 -0.146	1.309 -0.141	-0.158 -0.162	-0.162 -0.167	-0.154 -0.133	-0.164 -0.155	-0.169 -0.168	-0.167 -0.190
76	5	7	8	0.700	5.99	6.15 -0.168	1.321 -0.161	-0.177 -0.177	-0.180 -0.189	-0.174 -0.161	-0.181 -0.172	-0.186 -0.181	-0.183 -0.207
76	6	7	8	0.700	5.99	0.00 -0.138	1.308 -0.145	-0.154 -0.160	-0.156 -0.162	-0.151 -0.130	-0.159 -0.154	-0.161 -0.163	-0.160 -0.178
77	1	7	8	0.700	14.98	-6.15 -0.238	1.307 -0.262	-0.268 -0.278	-0.275 -0.268	-0.261 -0.264	-0.268 -0.277	-0.273 -0.280	-0.271 -0.280
77	2	7	8	0.700	14.96	-3.07 -0.203	1.305 -0.232	-0.241 -0.250	-0.247 -0.253	-0.235 -0.221	-0.244 -0.248	-0.248 -0.254	-0.246 -0.265
77	3	7	8	0.700	14.98	0.00 -0.194	1.291 -0.220	-0.231 -0.242	-0.236 -0.245	-0.225 -0.198	-0.236 -0.235	-0.238 -0.245	-0.237 -0.266
77	4	7	8	0.700	14.98	3.09 -0.222	1.310 -0.223	-0.243 -0.259	-0.245 -0.260	-0.241 -0.203	-0.253 -0.238	-0.256 -0.259	-0.254 -0.277
77	5	7	8	0.700	14.99	6.16 -0.255	1.310 -0.230	-0.263 -0.273	-0.265 -0.284	-0.260 -0.228	-0.275 -0.255	-0.277 -0.280	-0.276 -0.298
77	6	7	8	0.700	14.97	0.00 -0.193	1.322 -0.219	-0.230 -0.242	-0.235 -0.246	-0.225 -0.197	-0.236 -0.234	-0.237 -0.248	-0.237 -0.262

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
78	6	7	8	0.800	-4.01	0.00 -0.103	1.352 -0.107	-0.118 -0.119	-0.122 -0.126	-0.114 -0.098	-0.122 -0.121	-0.124 -0.129	-0.123 -0.140
78	7	7	8	0.800	-0.00	0.00 -0.122	1.352 -0.116	-0.130 -0.134	-0.133 -0.139	-0.128 -0.113	-0.137 -0.131	-0.134 -0.136	-0.135 -0.150
78	8	7	8	0.800	1.99	0.00 -0.131	1.352 -0.124	-0.139 -0.144	-0.141 -0.149	-0.137 -0.121	-0.146 -0.137	-0.143 -0.149	-0.145 -0.157
78	9	7	8	0.800	4.02	0.00 -0.141	1.350 -0.134	-0.149 -0.155	-0.152 -0.157	-0.147 -0.132	-0.158 -0.147	-0.156 -0.159	-0.157 -0.169
78	10	7	8	0.800	5.99	0.00 -0.146	1.333 -0.143	-0.157 -0.164	-0.160 -0.166	-0.155 -0.138	-0.165 -0.153	-0.165 -0.171	-0.165 -0.178
78	11	7	8	0.800	7.95	0.00 -0.151	1.348 -0.151	-0.165 -0.174	-0.168 -0.176	-0.163 -0.144	-0.173 -0.162	-0.171 -0.177	-0.172 -0.188
78	12	7	8	0.800	10.00	0.00 -0.162	1.363 -0.168	-0.182 -0.193	-0.184 -0.194	-0.179 -0.157	-0.189 -0.179	-0.185 -0.195	-0.187 -0.205
78	13	7	8	0.800	14.95	0.00 -0.225	1.345 -0.240	-0.255 -0.265	-0.262 -0.267	-0.249 -0.227	-0.260 -0.257	-0.260 -0.273	-0.260 -0.289
78	14	7	8	0.800	20.32	0.00 -0.329	1.346 -0.343	-0.358 -0.373	-0.361 -0.376	-0.355 -0.326	-0.369 -0.360	-0.363 -0.374	-0.366 -0.386

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
78	15	7	8	0.800	0.00	0.00 -0.125	1.344 -0.119	-0.133 -0.136	-0.135 -0.141	-0.130 -0.114	-0.141 -0.126	-0.139 -0.141	-0.140 -0.158
79	1	7	8	0.800	0.00	-6.14 -0.140	1.342 -0.146	-0.151 -0.156	-0.154 -0.147	-0.147 -0.143	-0.154 -0.153	-0.152 -0.161	-0.153 -0.159
79	2	7	8	0.800	-0.01	-3.08 -0.121	1.341 -0.128	-0.136 -0.141	-0.139 -0.144	-0.133 -0.122	-0.142 -0.135	-0.141 -0.147	-0.142 -0.151
79	3	7	8	0.800	-0.00	0.00 -0.126	1.339 -0.118	-0.133 -0.135	-0.135 -0.140	-0.130 -0.115	-0.142 -0.129	-0.141 -0.143	-0.142 -0.154
79	4	7	8	0.800	0.00	3.08 -0.128	1.339 -0.124	-0.139 -0.144	-0.142 -0.147	-0.136 -0.124	-0.148 -0.131	-0.146 -0.149	-0.147 -0.163
79	5	7	8	0.800	-0.00	6.14 -0.145	1.354 -0.140	-0.152 -0.147	-0.155 -0.161	-0.148 -0.145	-0.157 -0.148	-0.157 -0.154	-0.157 -0.174
79	6	7	8	0.800	-0.00	0.00 -0.125	1.337 -0.118	-0.132 -0.136	-0.133 -0.140	-0.130 -0.115	-0.140 -0.125	-0.138 -0.143	-0.139 -0.151
80	1	7	8	0.800	5.99	-6.17 -0.166	1.321 -0.170	-0.179 -0.188	-0.181 -0.183	-0.177 -0.162	-0.186 -0.180	-0.182 -0.195	-0.184 -0.189
80	3	7	8	0.800	5.99	-3.09 -0.146	1.335 -0.150	-0.162 -0.171	-0.164 -0.173	-0.160 -0.137	-0.172 -0.160	-0.166 -0.178	-0.169 -0.182

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
80	4	7	0.800	6.00	0.00 -0.148	1.349 -0.142	-0.158 -0.165	-0.161 -0.166	-0.155 -0.138	-0.168 -0.153	-0.165 -0.174	-0.166 -0.178
80	5	7	0.800	6.00	3.10 -0.154	1.317 -0.144	-0.164 -0.169	-0.167 -0.175	-0.161 -0.146	-0.174 -0.154	-0.170 -0.179	-0.172 -0.189
80	6	7	0.800	6.00	6.17 -0.176	1.315 -0.165	-0.185 -0.187	-0.189 -0.195	-0.181 -0.170	-0.194 -0.174	-0.189 -0.198	-0.192 -0.212
80	7	7	0.800	5.98	0.00 -0.148	1.330 -0.143	-0.159 -0.166	-0.162 -0.166	-0.156 -0.140	-0.170 -0.154	-0.164 -0.172	-0.167 -0.180
81	1	7	0.800	14.98	-6.19 -0.267	1.334 -0.280	-0.290 -0.299	-0.297 -0.288	-0.284 -0.289	-0.294 -0.292	-0.288 -0.308	-0.291 -0.299
81	2	7	0.800	14.97	-3.09 -0.231	1.331 -0.250	-0.264 -0.272	-0.271 -0.274	-0.257 -0.246	-0.272 -0.267	-0.266 -0.283	-0.269 -0.289
81	3	7	0.800	14.98	0.00 -0.225	1.332 -0.239	-0.255 -0.265	-0.260 -0.266	-0.249 -0.228	-0.264 -0.250	-0.259 -0.275	-0.261 -0.288
81	5	7	0.800	14.93	3.10 -0.247	1.327 -0.246	-0.268 -0.282	-0.273 -0.279	-0.264 -0.235	-0.282 -0.261	-0.280 -0.293	-0.281 -0.303
81	6	7	0.800	14.98	6.20 -0.285	1.331 -0.250	-0.287 -0.297	-0.289 -0.310	-0.286 -0.262	-0.306 -0.264	-0.298 -0.308	-0.302 -0.321

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
	8												
81	7	7	8	0.800	14.97	0.00 -0.226	1.339 -0.240	-0.255 -0.265	-0.260 -0.266	-0.249 -0.226	-0.265 -0.249	-0.262 -0.278	-0.263 -0.288
82	4	7	8	1.000	-3.98	-0.00 -0.317	1.582 -0.315	-0.326 -0.325	-0.328 -0.340	-0.324 -0.307	-0.334 -0.326	-0.352 -0.337	-0.343 -0.341
82	5	7	8	1.000	-0.01	0.00 -0.309	1.582 -0.304	-0.317 -0.315	-0.320 -0.329	-0.314 -0.297	-0.323 -0.318	-0.344 -0.331	-0.333 -0.335
82	6	7	8	1.000	1.98	0.00 -0.317	1.583 -0.307	-0.321 -0.322	-0.322 -0.338	-0.321 -0.305	-0.332 -0.315	-0.346 -0.330	-0.339 -0.337
82	7	7	8	1.000	4.01	0.00 -0.330	1.582 -0.316	-0.334 -0.337	-0.333 -0.355	-0.334 -0.314	-0.346 -0.329	-0.354 -0.342	-0.350 -0.348
82	8	7	8	1.000	6.01	0.00 -0.343	1.583 -0.339	-0.352 -0.357	-0.351 -0.373	-0.353 -0.330	-0.364 -0.344	-0.372 -0.363	-0.368 -0.366
82	9	7	8	1.000	7.98	0.00 -0.355	1.581 -0.362	-0.373 -0.378	-0.374 -0.392	-0.372 -0.353	-0.382 -0.370	-0.393 -0.383	-0.387 -0.390
82	10	7	8	1.000	9.99	0.00 -0.380	1.580 -0.384	-0.395 -0.399	-0.397 -0.410	-0.393 -0.379	-0.402 -0.392	-0.415 -0.405	-0.408 -0.414
82	11	7	8	1.000	15.00	0.00 -0.429	1.579 -0.440	-0.451 -0.459	-0.452 -0.467	-0.449 -0.434	-0.460 -0.449	-0.472 -0.463	-0.466 -0.463

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
82	12	7	8	1.000	20.52	0.01 -0.456	1.573 -0.474	-0.484 -0.492	-0.487 -0.501	-0.481 -0.472	-0.493 -0.484	-0.504 -0.498	-0.499 -0.495
82	13	7	8	1.000	-0.01	-0.00 -0.310	1.554 -0.305	-0.318 -0.316	-0.321 -0.332	-0.316 -0.301	-0.327 -0.313	-0.338 -0.331	-0.333 -0.337
83	1	7	8	1.000	-0.01	-6.18 -0.320	1.579 -0.337	-0.338 -0.340	-0.340 -0.347	-0.336 -0.340	-0.342 -0.333	-0.348 -0.344	-0.345 -0.342
83	2	7	8	1.000	-0.02	-3.10 -0.308	1.593 -0.315	-0.324 -0.319	-0.329 -0.330	-0.318 -0.320	-0.326 -0.324	-0.342 -0.334	-0.334 -0.338
83	3	7	8	1.000	-0.00	0.00 -0.308	1.591 -0.303	-0.316 -0.314	-0.317 -0.330	-0.314 -0.300	-0.325 -0.312	-0.338 -0.325	-0.332 -0.332
83	4	7	8	1.000	0.00	3.10 -0.310	1.588 -0.292	-0.315 -0.317	-0.316 -0.334	-0.313 -0.295	-0.327 -0.309	-0.340 -0.327	-0.334 -0.334
83	5	7	8	1.000	-0.01	6.18 -0.315	1.590 -0.318	-0.332 -0.326	-0.336 -0.352	-0.328 -0.319	-0.343 -0.329	-0.354 -0.339	-0.349 -0.356
83	6	7	8	1.000	-0.00	0.00 -0.308	1.588 -0.302	-0.317 -0.315	-0.320 -0.329	-0.314 -0.300	-0.326 -0.311	-0.342 -0.332	-0.334 -0.336
84	1	7	8	1.000	5.99	-6.23 -0.357	1.567 -0.362	-0.376 -0.389	-0.376 -0.396	-0.376 -0.351	-0.389 -0.371	-0.396 -0.395	-0.393 -0.388

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
85	5	7	8	1.000	14.97	6.27 -0.428	1.574 -0.438	-0.449 -0.453	-0.452 -0.462	-0.445 -0.438	-0.459 -0.444	-0.475 -0.466	-0.467 -0.461
85	6	7	8	1.000	14.98	0.00 -0.431	1.586 -0.442	-0.452 -0.460	-0.454 -0.469	-0.450 -0.438	-0.466 -0.447	-0.475 -0.469	-0.470 -0.464
86	7	7	8	1.100	-4.00	0.00 -0.308	1.907 -0.302	-0.311 -0.311	-0.313 -0.315	-0.309 -0.299	-0.314 -0.308	-0.327 -0.319	-0.320 -0.326
86	8	7	8	1.100	-0.01	0.00 -0.300	1.903 -0.291	-0.302 -0.303	-0.304 -0.308	-0.301 -0.288	-0.307 -0.299	-0.315 -0.312	-0.311 -0.317
86	9	7	8	1.100	2.01	0.00 -0.307	1.902 -0.296	-0.309 -0.314	-0.308 -0.320	-0.309 -0.292	-0.315 -0.302	-0.323 -0.318	-0.319 -0.323
86	10	7	8	1.100	4.01	0.01 -0.314	1.876 -0.316	-0.324 -0.326	-0.325 -0.336	-0.323 -0.315	-0.329 -0.321	-0.335 -0.330	-0.332 -0.335
86	11	7	8	1.100	6.00	0.01 -0.338	1.879 -0.341	-0.346 -0.352	-0.345 -0.357	-0.347 -0.339	-0.352 -0.339	-0.353 -0.348	-0.353 -0.355
86	12	7	8	1.100	7.98	0.01 -0.360	1.895 -0.365	-0.371 -0.379	-0.370 -0.382	-0.372 -0.356	-0.379 -0.366	-0.380 -0.375	-0.380 -0.382
86	13	7	8	1.100	10.01	0.01 -0.384	1.872 -0.394	-0.399 -0.412	-0.397 -0.412	-0.400 -0.377	-0.409 -0.393	-0.410 -0.405	-0.409 -0.412

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	P_P/P	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C_1}}$	$C_{P_{C_2}}$	C_{P_C}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
86	14	7	8	1.100	15.01	0.01 -0.431	1.888 -0.443	-0.450 -0.461	-0.451 -0.461	-0.449 -0.431	-0.458 -0.452	-0.463 -0.456	-0.460 -0.463
86	15	7	8	1.100	20.50	0.01 -0.436	1.888 -0.451	-0.458 -0.470	-0.458 -0.474	-0.458 -0.434	-0.469 -0.456	-0.470 -0.468	-0.470 -0.474
86	16	7	8	1.100	0.00	0.00 -0.301	1.893 -0.292	-0.306 -0.304	-0.311 -0.309	-0.302 -0.290	-0.307 -0.309	-0.325 -0.320	-0.316 -0.327
87	1	7	8	1.100	-0.02	-6.19 -0.315	1.911 -0.317	-0.323 -0.322	-0.326 -0.328	-0.321 -0.317	-0.329 -0.321	-0.338 -0.332	-0.333 -0.332
87	2	7	8	1.100	-0.03	-3.10 -0.304	1.904 -0.302	-0.311 -0.312	-0.313 -0.315	-0.308 -0.299	-0.314 -0.307	-0.325 -0.320	-0.320 -0.325
87	3	7	8	1.100	-0.00	0.00 -0.303	1.880 -0.293	-0.304 -0.306	-0.306 -0.310	-0.303 -0.291	-0.310 -0.301	-0.318 -0.315	-0.314 -0.317
87	4	7	8	1.100	0.00	3.11 -0.304	1.901 -0.300	-0.308 -0.313	-0.308 -0.316	-0.308 -0.295	-0.317 -0.302	-0.321 -0.316	-0.319 -0.318
87	5	7	8	1.100	-0.00	6.20 -0.312	1.901 -0.321	-0.326 -0.332	-0.328 -0.334	-0.325 -0.318	-0.331 -0.322	-0.336 -0.336	-0.333 -0.338
87	6	7	8	1.100	-0.01	0.00 -0.304	1.896 -0.294	-0.306 -0.307	-0.309 -0.311	-0.304 -0.291	-0.311 -0.302	-0.324 -0.321	-0.317 -0.321

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
88	1	7	8	1.100	6.00	-6.25 -0.363	1.870 -0.376	-0.378 -0.387	-0.378 -0.385	-0.378 -0.366	-0.387 -0.376	-0.390 -0.388	-0.389 -0.382
88	2	7	8	1.100	6.00	-3.13 -0.343	1.892 -0.347	-0.358 -0.357	-0.362 -0.364	-0.353 -0.339	-0.362 -0.362	-0.373 -0.374	-0.368 -0.375
88	3	7	8	1.100	6.00	0.00 -0.340	1.891 -0.343	-0.352 -0.351	-0.357 -0.357	-0.348 -0.341	-0.358 -0.353	-0.366 -0.364	-0.362 -0.371
88	4	7	8	1.100	5.99	3.15 -0.350	1.891 -0.350	-0.360 -0.364	-0.361 -0.371	-0.359 -0.343	-0.369 -0.352	-0.374 -0.371	-0.371 -0.378
88	5	7	8	1.100	5.99	6.27 -0.372	1.889 -0.370	-0.380 -0.385	-0.381 -0.389	-0.379 -0.365	-0.390 -0.371	-0.394 -0.387	-0.392 -0.399
88	6	7	8	1.100	5.99	0.00 -0.340	1.887 -0.344	-0.354 -0.351	-0.360 -0.358	-0.348 -0.341	-0.358 -0.354	-0.370 -0.368	-0.364 -0.377
89	1	7	8	1.100	14.97	-6.29 -0.426	1.903 -0.437	-0.438 -0.451	-0.435 -0.447	-0.440 -0.433	-0.452 -0.430	-0.446 -0.442	-0.449 -0.436
89	2	7	8	1.100	14.96	-3.14 -0.430	1.898 -0.444	-0.449 -0.457	-0.451 -0.456	-0.447 -0.436	-0.460 -0.450	-0.466 -0.460	-0.463 -0.456
89	3	7	8	1.100	14.97	0.01 -0.429	1.896 -0.443	-0.449 -0.458	-0.452 -0.458	-0.447 -0.432	-0.460 -0.448	-0.464 -0.463	-0.462 -0.464

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	P_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{C_1}}$	$C_{P_{C_2}}$	C_{P_C}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
89	4	7	8	1.100	14.97	3.17 -0.433	1.897 -0.441	-0.451 -0.460	-0.454 -0.459	-0.448 -0.433	-0.462 -0.445	-0.469 -0.465	-0.466 -0.471
89	5	7	8	1.100	14.98	6.32 -0.429	1.895 -0.435	-0.446 -0.452	-0.450 -0.453	-0.442 -0.432	-0.457 -0.441	-0.467 -0.458	-0.462 -0.470
89	6	7	8	1.100	14.97	0.01 -0.430	1.891 -0.443	-0.448 -0.457	-0.449 -0.457	-0.447 -0.431	-0.460 -0.442	-0.463 -0.459	-0.462 -0.465
90	3	7	8	0.900	-4.00	0.00 -0.133	1.454 -0.148	-0.160 -0.166	-0.166 -0.169	-0.154 -0.141	-0.160 -0.161	-0.160 -0.171	-0.160 -0.190
90	4	7	8	0.900	0.01	0.00 -0.128	1.457 -0.129	-0.141 -0.149	-0.144 -0.149	-0.139 -0.120	-0.144 -0.141	-0.146 -0.151	-0.145 -0.164
90	5	7	8	0.900	2.00	0.01 -0.135	1.438 -0.129	-0.142 -0.147	-0.142 -0.152	-0.141 -0.125	-0.145 -0.139	-0.144 -0.149	-0.145 -0.157
90	6	7	8	0.900	3.99	0.00 -0.138	1.456 -0.133	-0.144 -0.152	-0.144 -0.153	-0.144 -0.128	-0.147 -0.139	-0.147 -0.149	-0.147 -0.160
90	7	7	8	0.900	6.00	0.01 -0.135	1.456 -0.139	-0.149 -0.156	-0.150 -0.159	-0.147 -0.129	-0.151 -0.145	-0.153 -0.158	-0.152 -0.168
90	8	7	8	0.900	8.00	0.01 -0.156	1.465 -0.160	-0.167 -0.177	-0.165 -0.181	-0.169 -0.152	-0.174 -0.157	-0.162 -0.167	-0.168 -0.183

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{P_B}	C_{P_E}	C_{P_H}	$C_{P_{c1}}$	$C_{P_{c2}}$	C_{P_c}
						C_{P_1}	C_{P_2}	C_{P_3}	C_{P_4}	C_{P_5}	C_{P_6}	C_{P_7}	C_{P_8}
90	9	7	8	0.900	9.99	0.01 -0.172	1.465 -0.181	-0.189 -0.197	-0.190 -0.202	-0.188 -0.171	-0.193 -0.184	-0.189 -0.194	-0.191 -0.210
90	10	7	8	0.900	14.97	0.01 -0.279	1.464 -0.282	-0.291 -0.312	-0.286 -0.310	-0.296 -0.264	-0.302 -0.277	-0.285 -0.294	-0.293 -0.307
90	11	7	8	0.900	20.37	0.00 -0.383	1.463 -0.392	-0.401 -0.421	-0.398 -0.421	-0.404 -0.376	-0.411 -0.392	-0.400 -0.407	-0.405 -0.416
90	12	7	8	0.900	0.00	0.00 -0.131	1.460 -0.130	-0.146 -0.148	-0.152 -0.151	-0.140 -0.120	-0.144 -0.146	-0.154 -0.162	-0.149 -0.178
91	1	7	8	0.900	-0.00	-6.15 -0.175	1.445 -0.195	-0.178 -0.197	-0.177 -0.151	-0.179 -0.202	-0.172 -0.171	-0.168 -0.181	-0.170 -0.151
91	2	7	8	0.900	-0.00	-3.08 -0.132	1.460 -0.147	-0.150 -0.155	-0.156 -0.145	-0.145 -0.147	-0.143 -0.151	-0.148 -0.161	-0.145 -0.163
91	3	7	8	0.900	-0.01	0.00 -0.130	1.460 -0.130	-0.141 -0.150	-0.143 -0.151	-0.140 -0.122	-0.146 -0.136	-0.144 -0.152	-0.145 -0.160
91	4	7	8	0.900	-0.01	3.09 -0.144	1.459 -0.130	-0.149 -0.154	-0.150 -0.164	-0.148 -0.129	-0.154 -0.139	-0.155 -0.158	-0.155 -0.174
91	5	7	8	0.900	-0.00	6.17 -0.186	1.460 -0.164	-0.180 -0.162	-0.182 -0.204	-0.179 -0.192	-0.175 -0.165	-0.173 -0.167	-0.174 -0.203

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_P/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
			8										
91	6	7	8	0.900	-0.00	0.01 -0.129	1.458 -0.128	-0.141 -0.148	-0.144 -0.149	-0.138 -0.119	-0.144 -0.137	-0.147 -0.152	-0.146 -0.166
92	1	7	8	0.900	5.98	-6.17 -0.165	1.456 -0.176	-0.178 -0.188	-0.180 -0.171	-0.175 -0.174	-0.174 -0.176	-0.175 -0.189	-0.175 -0.182
92	2	7	8	0.900	5.99	-3.09 -0.150	1.458 -0.155	-0.161 -0.162	-0.164 -0.162	-0.157 -0.158	-0.157 -0.153	-0.161 -0.169	-0.159 -0.177
92	3	7	8	0.900	5.97	0.01 -0.135	1.457 -0.140	-0.150 -0.157	-0.152 -0.160	-0.148 -0.129	-0.153 -0.146	-0.157 -0.159	-0.155 -0.173
92	4	7	8	0.900	5.98	3.11 -0.154	1.439 -0.142	-0.160 -0.165	-0.161 -0.175	-0.159 -0.138	-0.164 -0.149	-0.163 -0.168	-0.164 -0.187
92	5	7	8	0.900	5.98	6.19 -0.174	1.456 -0.163	-0.179 -0.183	-0.180 -0.190	-0.177 -0.166	-0.181 -0.167	-0.181 -0.186	-0.181 -0.202
92	6	7	8	0.900	5.99	0.01 -0.135	1.457 -0.139	-0.150 -0.157	-0.153 -0.159	-0.148 -0.129	-0.151 -0.143	-0.154 -0.162	-0.153 -0.175
93	1	7	8	0.900	14.98	-6.22 -0.301	1.455 -0.317	-0.324 -0.333	-0.328 -0.324	-0.319 -0.319	-0.318 -0.321	-0.320 -0.336	-0.319 -0.336
93	2	7	8	0.900	14.94	-3.10 -0.276	1.459 -0.290	-0.304 -0.313	-0.309 -0.312	-0.298 -0.282	-0.300 -0.303	-0.311 -0.323	-0.305 -0.330

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
93	3	7	8	0.900	14.96	0.01 -0.278	1.463 -0.280	-0.298 -0.313	-0.301 -0.309	-0.295 -0.262	-0.300 -0.290	-0.304 -0.320	-0.302 -0.332
93	4	7	8	0.900	14.99	3.13 -0.293	1.463 -0.276	-0.305 -0.318	-0.307 -0.321	-0.302 -0.269	-0.309 -0.293	-0.316 -0.325	-0.312 -0.340
93	5	7	8	0.900	14.98	6.24 -0.312	1.465 -0.278	-0.315 -0.322	-0.317 -0.339	-0.313 -0.286	-0.323 -0.300	-0.325 -0.329	-0.324 -0.355
93	6	7	8	0.900	14.96	0.01 -0.278	1.460 -0.279	-0.300 -0.309	-0.305 -0.309	-0.294 -0.260	-0.297 -0.299	-0.310 -0.322	-0.304 -0.340
94	3	7	8	0.400	-4.00	-0.00 -0.139	0.896 -0.161	-0.160 -0.160	-0.165 -0.164	-0.156 -0.150	-0.159 -0.172	-0.136 -0.161	-0.147 -0.176
94	4	7	8	0.400	0.00	-0.00 -0.140	0.897 -0.160	-0.159 -0.159	-0.163 -0.163	-0.155 -0.146	-0.157 -0.165	-0.140 -0.166	-0.149 -0.174
94	5	7	8	0.400	2.00	-0.00 -0.140	0.897 -0.154	-0.154 -0.153	-0.157 -0.157	-0.151 -0.137	-0.154 -0.162	-0.137 -0.163	-0.146 -0.165
94	6	7	8	0.400	3.96	0.00 -0.137	0.905 -0.148	-0.148 -0.147	-0.150 -0.154	-0.146 -0.131	-0.151 -0.153	-0.128 -0.154	-0.140 -0.162
94	7	7	8	0.400	5.98	0.00 -0.131	0.898 -0.148	-0.147 -0.144	-0.150 -0.151	-0.144 -0.128	-0.148 -0.156	-0.126 -0.157	-0.137 -0.159

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
		8			C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
94	8	7	0.400	7.98	0.00	0.897	-0.148	-0.151	-0.145	-0.151	-0.131	-0.141
	8	8			-0.133	-0.147	-0.147	-0.151	-0.128	-0.155	-0.156	-0.165
94	9	7	0.400	9.99	0.00	0.904	-0.146	-0.149	-0.143	-0.149	-0.132	-0.140
	8	8			-0.137	-0.145	-0.142	-0.149	-0.129	-0.150	-0.157	-0.160
94	10	7	0.400	14.99	0.00	0.904	-0.154	-0.157	-0.152	-0.157	-0.134	-0.146
	8	8			-0.146	-0.148	-0.153	-0.160	-0.129	-0.159	-0.166	-0.174
94	11	7	0.400	20.20	-0.00	0.904	-0.170	-0.179	-0.160	-0.169	-0.151	-0.160
	8	8			-0.131	-0.159	-0.170	-0.180	-0.137	-0.193	-0.188	-0.197
94	12	7	0.400	-0.00	-0.00	0.904	-0.158	-0.160	-0.155	-0.158	-0.136	-0.147
	8	8			-0.141	-0.158	-0.160	-0.161	-0.144	-0.166	-0.167	-0.164
95	1	7	0.400	-0.00	-6.06	0.911	-0.190	-0.192	-0.188	-0.186	-0.163	-0.174
	8	8			-0.191	-0.191	-0.191	-0.177	-0.207	-0.199	-0.188	-0.174
95	2	7	0.400	-0.00	-3.04	0.904	-0.180	-0.185	-0.176	-0.174	-0.149	-0.161
	8	8			-0.174	-0.185	-0.176	-0.168	-0.192	-0.190	-0.180	-0.177
95	3	7	0.400	-0.00	-0.00	0.904	-0.163	-0.170	-0.157	-0.163	-0.143	-0.153
	8	8			-0.143	-0.160	-0.162	-0.163	-0.149	-0.179	-0.168	-0.183
95	4	7	0.400	-0.00	3.04	0.897	-0.171	-0.172	-0.169	-0.172	-0.152	-0.162
	8	8			-0.174	-0.165	-0.165	-0.172	-0.166	-0.170	-0.171	-0.180

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{pB}	C_{pE}	C_{pH}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
95	5	7	8	0.400	0.00	6.06 -0.192	0.904 -0.192	-0.192 -0.188	-0.195 -0.180	-0.188 -0.204	-0.186 -0.191	-0.166 -0.186	-0.176 -0.200
95	6	7	8	0.400	0.00	0.00 -0.140	0.904 -0.157	-0.160 -0.159	-0.166 -0.163	-0.155 -0.146	-0.160 -0.173	-0.137 -0.168	-0.149 -0.177
96	1	7	8	0.400	5.99	-6.08 -0.156	0.904 -0.182	-0.178 -0.184	-0.183 -0.168	-0.173 -0.171	-0.171 -0.193	-0.151 -0.188	-0.161 -0.179
96	2	7	8	0.400	5.99	-3.05 -0.146	0.897 -0.166	-0.163 -0.165	-0.168 -0.154	-0.158 -0.158	-0.154 -0.176	-0.140 -0.171	-0.147 -0.168
96	3	7	8	0.400	5.99	0.00 -0.140	0.904 -0.148	-0.153 -0.148	-0.157 -0.155	-0.148 -0.132	-0.152 -0.168	-0.138 -0.163	-0.145 -0.166
96	4	7	8	0.400	5.99	3.05 -0.159	0.905 -0.153	-0.158 -0.158	-0.161 -0.156	-0.156 -0.148	-0.159 -0.163	-0.145 -0.164	-0.152 -0.167
96	5	7	8	0.400	5.99	6.08 -0.180	0.897 -0.171	-0.178 -0.171	-0.181 -0.175	-0.174 -0.170	-0.175 -0.185	-0.160 -0.174	-0.168 -0.194
96	6	7	8	0.400	5.99	0.00 -0.136	0.897 -0.147	-0.150 -0.146	-0.155 -0.153	-0.145 -0.130	-0.150 -0.163	-0.133 -0.158	-0.142 -0.167
97	1	7	8	0.400	14.98	-6.09 -0.144	0.896 -0.170	-0.176 -0.184	-0.183 -0.176	-0.169 -0.151	-0.173 -0.192	-0.150 -0.193	-0.162 -0.196

TABLE VI
MODEL PRESSURE COEFFICIENTS

Run	Pt	7	8	M	α	β	p_p/p	C_{p_B}	C_{p_E}	C_{p_H}	$C_{p_{c1}}$	$C_{p_{c2}}$	C_{p_c}
						C_{p1}	C_{p2}	C_{p3}	C_{p4}	C_{p5}	C_{p6}	C_{p7}	C_{p8}
97	3	7	8	0.400	14.97	-3.05 -0.138	0.903 -0.158	-0.163 -0.163	-0.169 -0.167	-0.157 -0.133	-0.164 -0.186	-0.144 -0.175	-0.154 -0.184
97	4	7	8	0.400	14.99	0.00 -0.148	0.904 -0.148	-0.158 -0.159	-0.162 -0.163	-0.154 -0.125	-0.160 -0.173	-0.137 -0.168	-0.148 -0.182
97	5	7	8	0.400	14.98	3.06 -0.163	0.897 -0.156	-0.162 -0.156	-0.165 -0.160	-0.159 -0.149	-0.163 -0.173	-0.143 -0.162	-0.153 -0.177
97	6	7	8	0.400	14.97	6.10 -0.167	0.904 -0.167	-0.175 -0.169	-0.180 -0.176	-0.170 -0.153	-0.173 -0.183	-0.153 -0.179	-0.163 -0.204
97	7	7	8	0.400	14.96	0.00 -0.144	0.904 -0.149	-0.158 -0.155	-0.164 -0.158	-0.152 -0.124	-0.159 -0.177	-0.142 -0.173	-0.150 -0.181

TABLE VII
BASE FLOW SYSTEM OPERATING CONDITIONS

Run	Pt	M	α	β	W_B	$P_L \times 10^{-3}$	ΔP_L	T_L	W_O	WFR
6	15	0.400	0.00	0.00	0.0199	781.	58605.	278.	2.6313	0.0075
6	17	0.400	0.00	0.00	0.0502	1964.	146168.	278.	2.6244	0.0191
6	18	0.400	0.00	0.00	0.0340	1335.	98595.	277.	2.6181	0.0130
6	19	0.400	0.00	0.00	0.0531	2096.	153063.	277.	2.6179	0.0203
6	20	0.400	0.00	0.00	0.0642	2504.	186847.	277.	2.6220	0.0245
6	21	0.400	0.00	0.00	0.0744	2884.	217874.	276.	2.6259	0.0283
6	22	0.400	0.00	0.00	0.0840	3243.	245453.	276.	2.6370	0.0318
6	23	0.400	0.01	0.00	0.0961	3707.	280616.	276.	2.6372	0.0364
6	24	0.400	0.00	0.00	0.1090	4198.	318537.	276.	2.6201	0.0416
6	25	0.400	0.00	0.00	0.1279	4883.	377143.	277.	2.6238	0.0487
6	26	0.400	0.01	0.00	0.1477	5624.	437127.	277.	2.6294	0.0562
6	27	0.400	0.00	0.00	0.1642	6253.	486080.	278.	2.6289	0.0624
6	28	0.400	0.01	0.00	0.1838	6965.	546064.	278.	2.6330	0.0698
6	29	0.400	0.01	0.00	0.2052	7726.	615701.	279.	2.6352	0.0778
6	30	0.400	0.02	0.00	0.2221	8348.	672928.	281.	2.6412	0.0841
6	31	0.400	0.02	0.00	0.2379	9061.	713607.	282.	2.6223	0.0907
6	32	0.400	0.01	0.00	0.0000	0.	0.	0.	0.0000	0.0000
10	3	0.400	0.00	0.00	0.0205	782.	64121.	288.	2.6323	0.0077
10	4	0.400	0.00	0.00	0.0206	796.	64121.	288.	2.6339	0.0078
10	5	0.400	0.00	0.00	0.0370	1439.	113074.	286.	2.6326	0.0140
10	6	0.400	-0.01	0.00	0.0517	2020.	156510.	286.	2.6363	0.0196
10	7	0.400	0.00	0.00	0.0616	2435.	182711.	285.	2.6326	0.0234
10	8	0.400	0.00	0.00	0.0731	2857.	219253.	285.	2.6361	0.0277
11	3	0.000	0.00	0.00	0.0217	852.	66879.	290.	2.6323	0.0077
11	4	0.000	0.00	0.00	0.0397	1557.	121347.	290.	2.6339	0.0078
11	5	0.000	0.00	0.00	0.0742	2899.	226148.	289.	2.6326	0.0140
11	6	0.000	0.00	0.00	0.1066	4200.	318537.	289.	2.6363	0.0196
11	7	0.000	0.00	0.00	0.1466	5687.	445401.	288.	2.6326	0.0234
11	8	0.000	0.00	0.00	0.1815	7036.	550201.	288.	2.6361	0.0277
11	9	0.000	0.00	0.00	0.2145	8350.	645349.	288.	2.6323	0.0077

TABLE VII
BASE FLOW SYSTEM OPERATING CONDITIONS

Run	Pt	M	α	β	W_B	$P_L \times 10^{-3}$	ΔP_L	T_L	W_O	WFR
13	3	0.400	0.00	0.00	0.0220	831.	71016.	292.	2.6260	0.0084
13	4	0.400	0.00	0.00	0.0633	2470.	193742.	290.	2.6251	0.0241
13	5	0.400	0.00	0.00	0.1077	4227.	324053.	288.	2.6315	0.0409
13	6	0.400	0.00	0.00	0.1598	6281.	476427.	288.	2.6331	0.0606
13	7	0.400	0.01	0.00	0.1825	7015.	551580.	285.	2.6319	0.0693
13	8	0.400	0.01	0.00	0.2094	8011.	635696.	285.	2.6250	0.0797
13	9	0.400	0.01	0.00	0.2200	8384.	668791.	285.	2.6248	0.0838
13	10	0.400	0.01	0.00	0.2391	9062.	729465.	284.	2.6340	0.0907
13	11	0.400	0.02	0.00	0.3700	13849.	1155561.	285.	2.6226	0.1411
13	12	0.400	0.01	0.00	0.0000	0.	0.	0.	0.0000	0.0000
15	3	0.400	0.00	0.00	0.0228	865.	72394.	290.	2.6325	0.0086
15	4	0.400	0.00	0.00	0.0643	2526.	193742.	288.	2.6383	0.0243
15	5	0.400	0.00	0.00	0.1208	4226.	406101.	287.	2.6338	0.0459
15	6	0.400	0.00	0.00	0.1610	6254.	481943.	285.	2.6269	0.0613
15	7	0.400	0.00	0.00	0.1818	6980.	548822.	285.	2.6242	0.0693
15	8	0.400	0.00	0.00	0.2116	8018.	645349.	284.	2.6254	0.0805
15	9	0.400	0.00	0.00	0.2218	8384.	679133.	284.	2.6301	0.0843
15	10	0.400	0.01	0.00	0.2402	9027.	737739.	284.	2.6322	0.0912
15	11	0.400	0.00	0.00	0.2794	10460.	861844.	284.	2.6340	0.1061
15	12	0.400	0.00	0.00	0.0000	0.	0.	0.	0.0000	0.0000

TABLE VII
BASE FLOW SYSTEM OPERATING CONDITIONS

Run	Pt	M	α	β	W_B	$P_L \times 10^{-3}$	ΔP_L	T_L	W_O	WFR
67	3	0.000	0.00	0.00	0.0380	1425.	108937.	261.		
67	4	0.000	0.00	0.00	0.0768	2891.	215116.	259.		
67	5	0.000	0.00	0.00	0.1131	4212.	317158.	259.		
67	6	0.000	0.00	0.00	0.1448	5609.	438506.	287.		
67	7	0.000	0.00	0.00	0.1815	6972.	552959.	287.		
67	8	0.000	0.00	0.00	0.2189	8335.	672928.	287.		
68	2	0.400	-3.98	0.00	0.1659	6350.	504006.	285.	2.6625	0.0623
68	3	0.400	0.03	0.00	0.1664	6322.	508143.	285.	2.6619	0.0625
68	4	0.400	2.01	0.00	0.1668	6322.	510901.	285.	2.6688	0.0625
68	5	0.400	3.98	0.00	0.1674	6336.	512280.	284.	2.6634	0.0628
68	6	0.400	6.01	0.00	0.1675	6343.	513659.	285.	2.6652	0.0628
68	7	0.400	7.98	0.00	0.1628	6225.	492975.	284.	2.6646	0.0611
68	8	0.400	10.02	0.00	0.1657	6260.	508143.	284.	2.6710	0.0620
68	9	0.400	14.96	0.00	0.1658	6267.	508143.	284.	2.6550	0.0624
68	10	0.400	20.19	0.00	0.1664	6281.	509522.	284.	2.6610	0.0625
68	11	0.400	-0.02	0.00	0.1665	6274.	510901.	284.	2.6700	0.0623
69	3	0.400	0.00	-6.06	0.1665	6274.	508143.	282.	2.6353	0.0631
69	4	0.400	0.00	-3.04	0.1669	6288.	509522.	282.	2.6290	0.0635
69	5	0.400	0.00	0.00	0.1678	6308.	512280.	282.	2.6301	0.0638
69	6	0.400	0.00	3.04	0.1681	6329.	512280.	282.	2.6318	0.0639
69	7	0.400	0.00	6.07	0.1686	6336.	513659.	281.	2.6321	0.0640
69	8	0.400	0.00	0.00	0.1661	6253.	505385.	281.	2.6305	0.0631
70	1	0.400	6.00	-6.08	0.1673	6288.	509522.	281.	2.6375	0.0634
70	2	0.400	5.98	-3.05	0.1677	6301.	510901.	281.	2.6364	0.0636
70	3	0.400	5.99	0.00	0.1679	6315.	509522.	281.	2.6287	0.0638
70	4	0.400	5.99	3.05	0.1679	6315.	509522.	281.	2.6363	0.0637
70	5	0.400	5.98	6.08	0.1681	6315.	510901.	281.	2.6359	0.0637
70	6	0.400	6.00	0.00	0.1663	6267.	505385.	281.	2.6419	0.0629

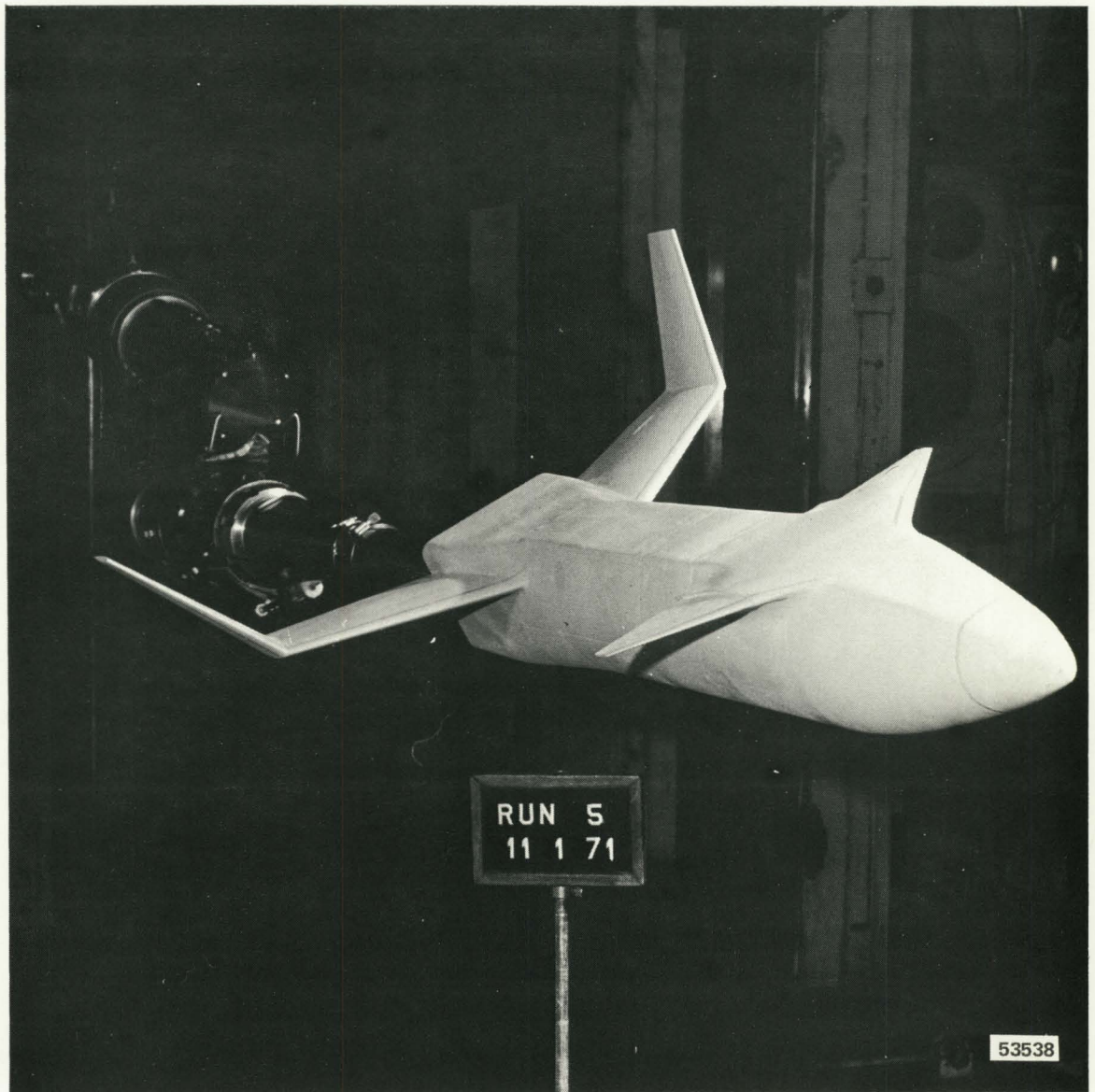
TABLE VII
BASE FLOW SYSTEM OPERATING CONDITIONS

Run	Pt	M	α	β	W_B	$P_L \times 10^{-3}$	ΔP_L	T_L	W_O	WFR
71	1	0.400	14.99	-6.09	0.1672	6301.	506764.	281.	2.6478	0.0631
71	2	0.400	14.97	-3.04	0.1676	6308.	508143.	281.	2.6268	0.0638
71	3	0.400	14.98	0.00	0.1674	6315.	506764.	281.	2.6316	0.0636
71	4	0.400	14.98	3.06	0.1676	6322.	506764.	281.	2.6366	0.0635
71	5	0.400	14.98	6.09	0.1661	6267.	504006.	281.	2.6423	0.0628
71	6	0.400	14.98	0.00	0.1666	6288.	504006.	281.	2.6318	0.0633
72	3	0.400	0.00	0.00	0.0157	630.	45505.	282.	2.6318	0.0060
72	4	0.400	0.00	0.00	0.0157	630.	45505.	281.	2.6388	0.0059
72	6	0.400	-0.01	0.00	0.0121	491.	34473.	282.	2.6395	0.0046
72	7	0.400	0.00	0.00	0.0120	484.	34473.	282.	2.6392	0.0045

SECTION X

FIGURE INDEX

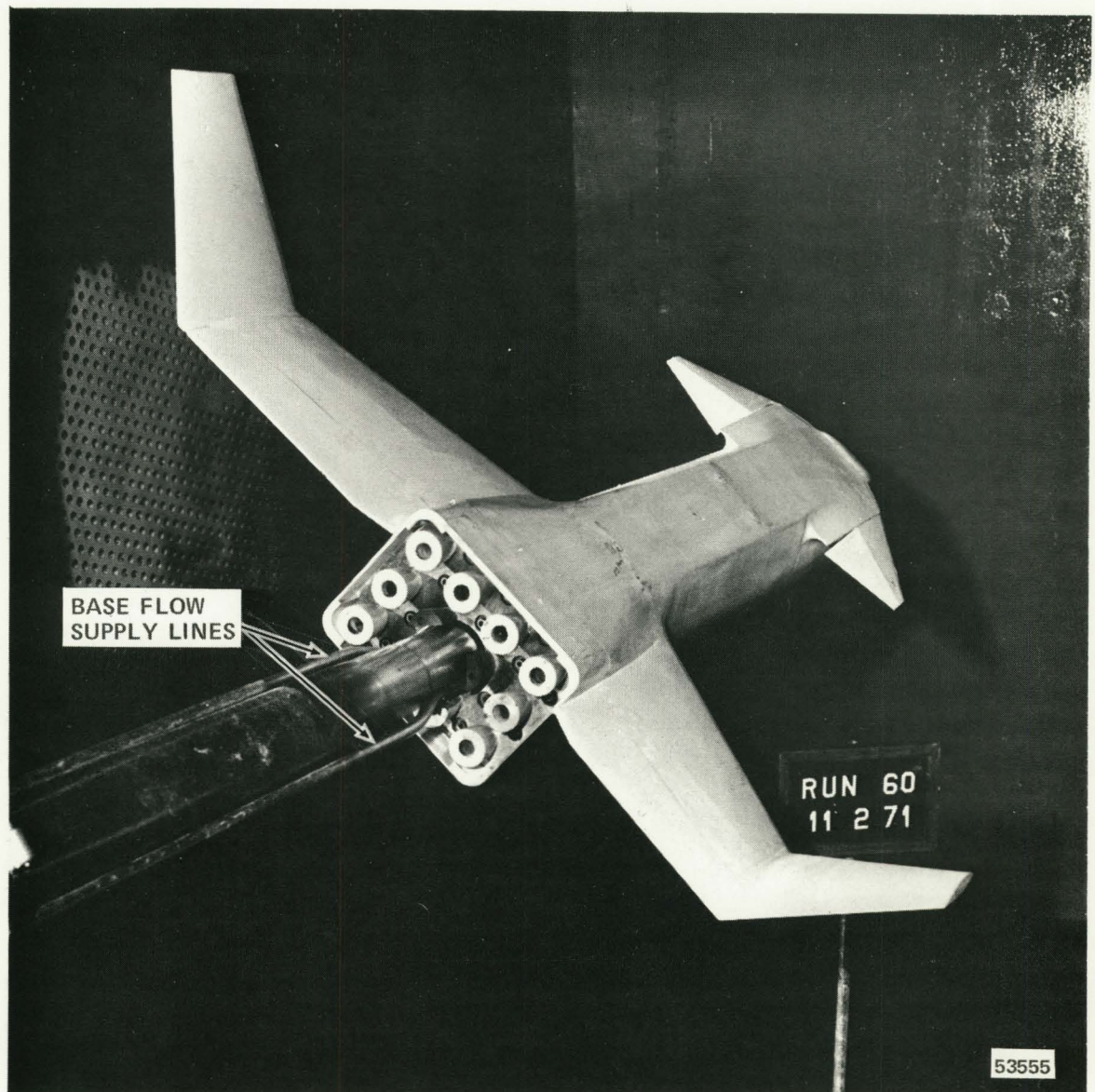
<u>Figure No.</u>	<u>Contents</u>
1	Model Photographs
2	Installation Drawing
3	Model Assembly Drawing
4	Aft Body Extension Details
5	Heat Shield Arrangement
6	Axis System and Sign Convention



MODEL PHOTOGRAPH

.015 SCALE SPACE SHUTTLE BOOSTER MODEL

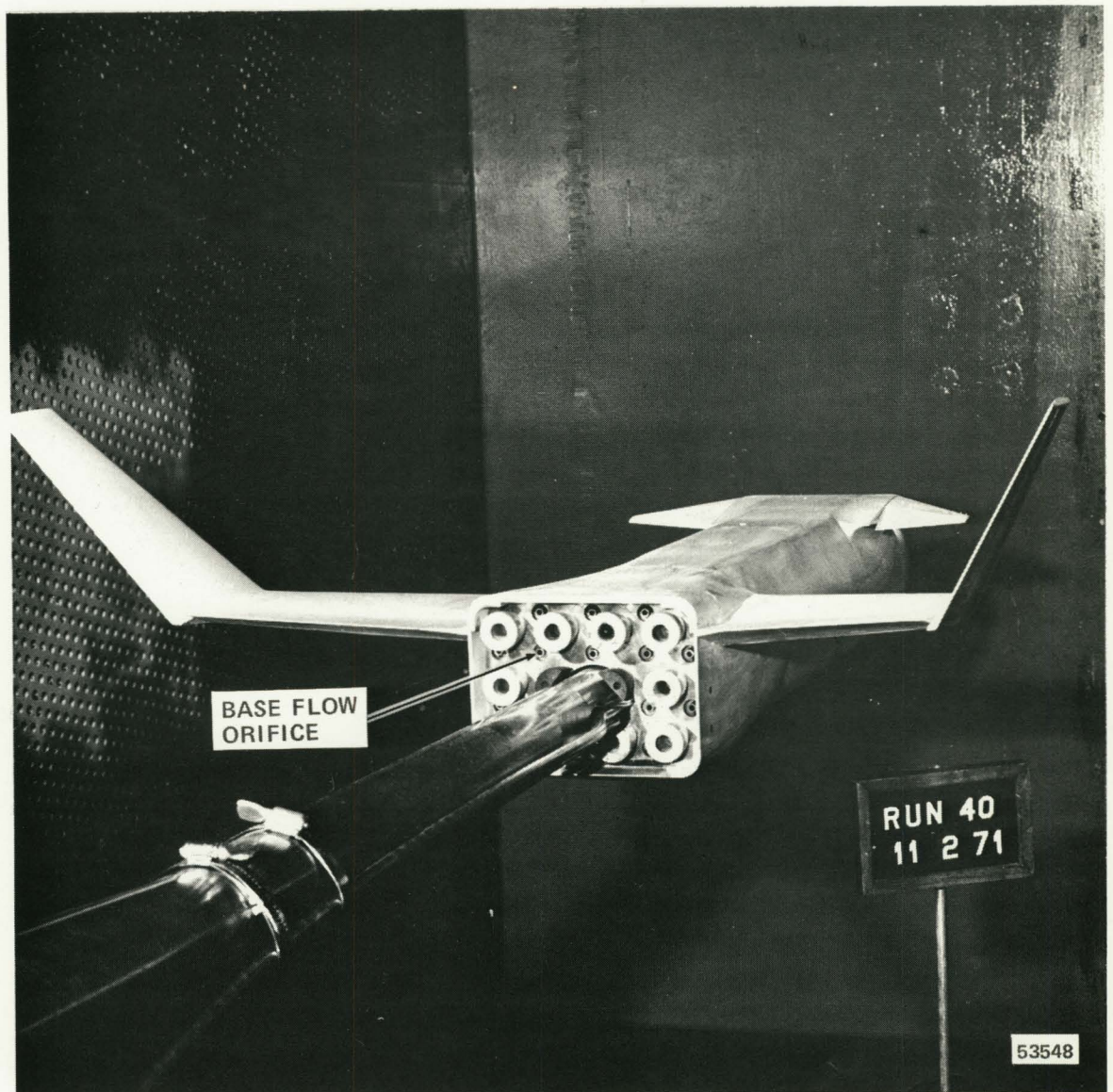
Figure 1a



MODEL PHOTOGRAPH

.015 SCALE SPACE SHUTTLE BOOSTER MODEL

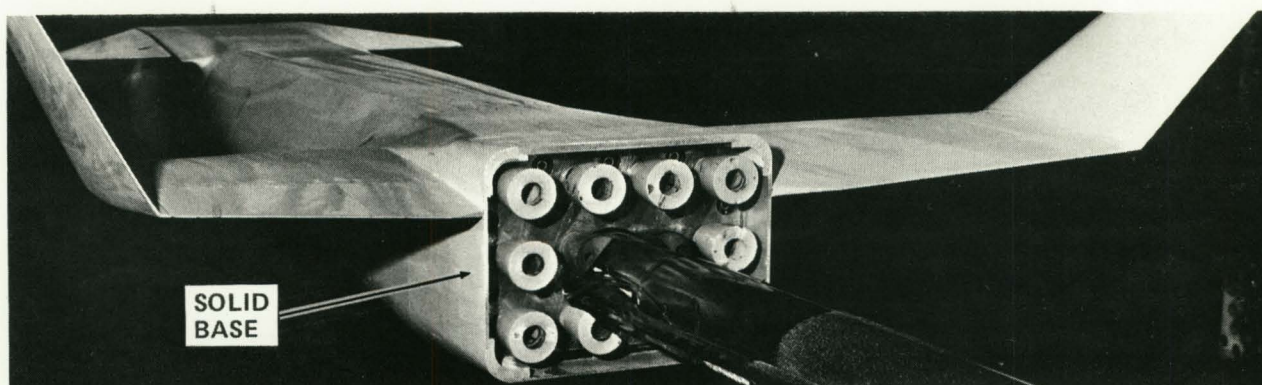
Figure 1b



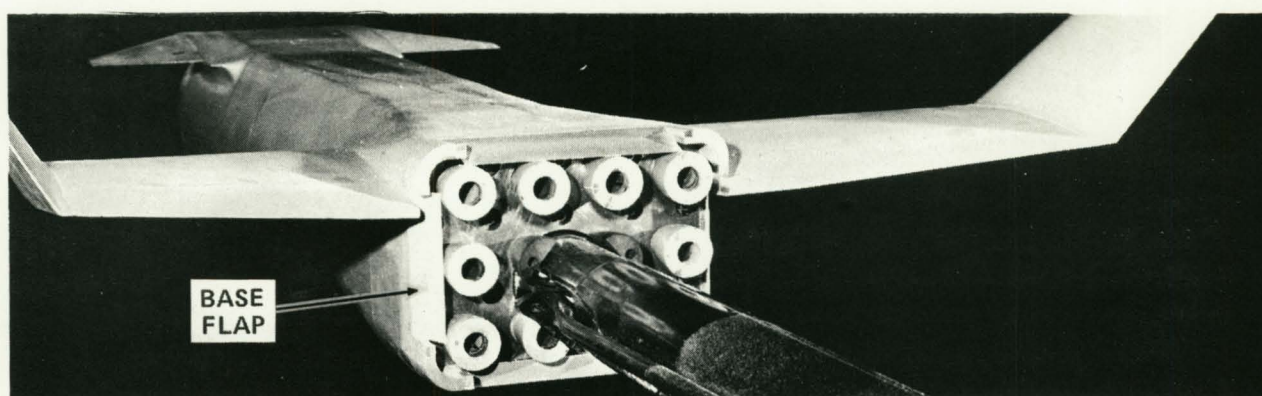
MODEL PHOTOGRAPH

.015 SCALE SPACE SHUTTLE BOOSTER MODEL

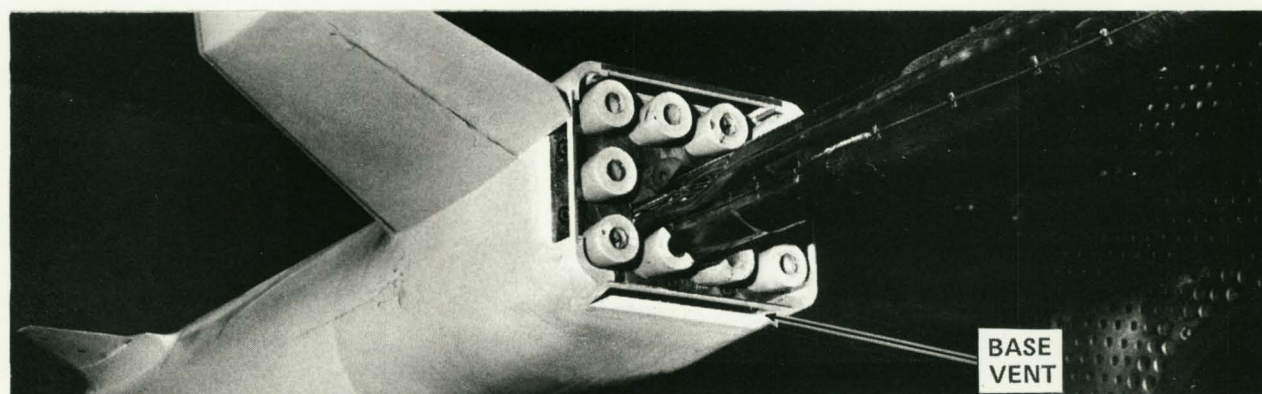
Figure 1c



$B_4C_2F_2W_3V_1$



$B_5C_2F_2W_3V_1$



$B_6C_2F_2W_3V_1$

MODEL PHOTOGRAPHS

.015 SCALE SPACE SHUTTLE BOOSTER MODEL

Figure 1d

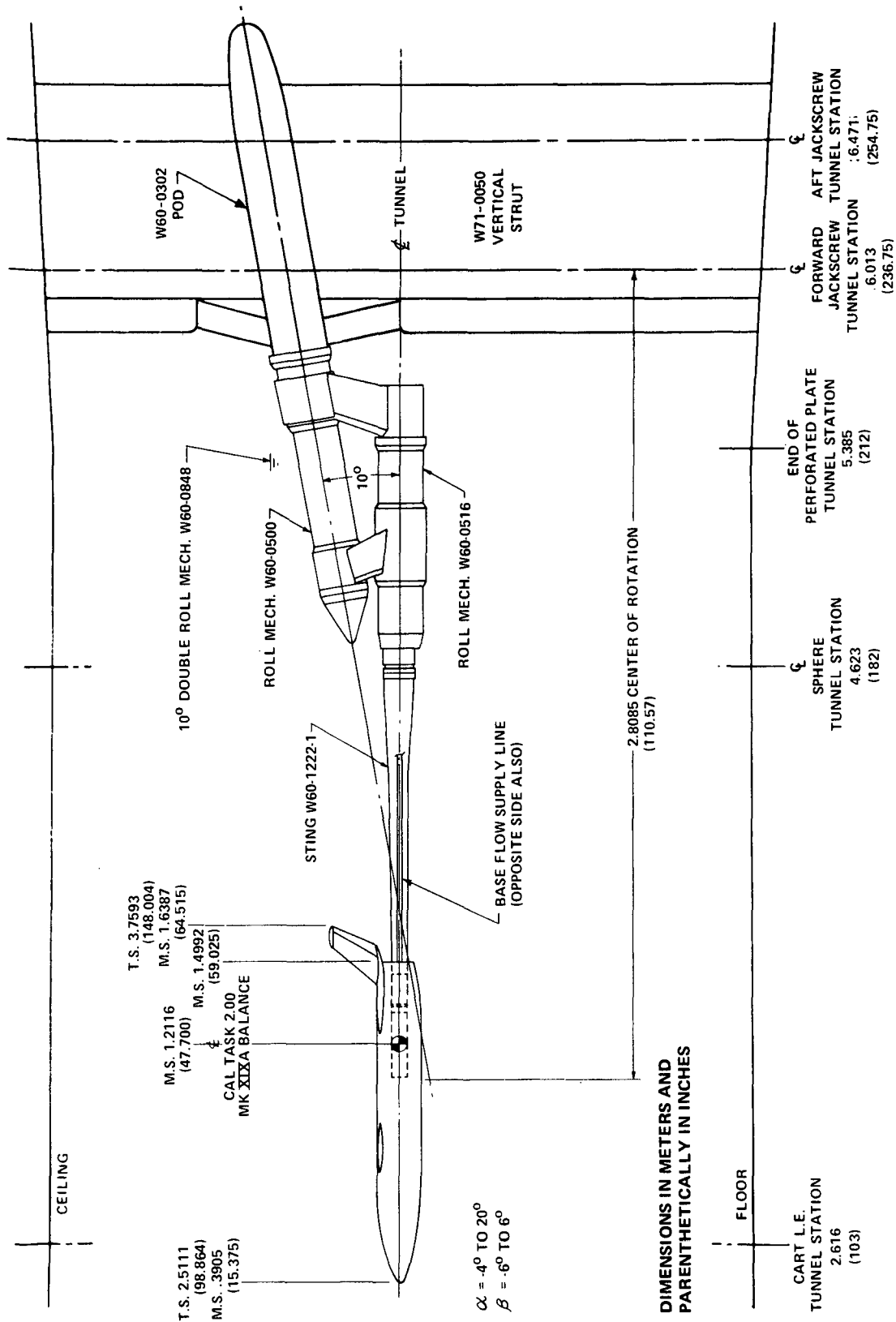


$B_7C_2F_2W_3V_1$

MODEL PHOTOGRAPH

.015 SCALE SPACE SHUTTLE BOOSTER MODEL

Figure 1e



INSTALLATION DRAWING

Figure 2

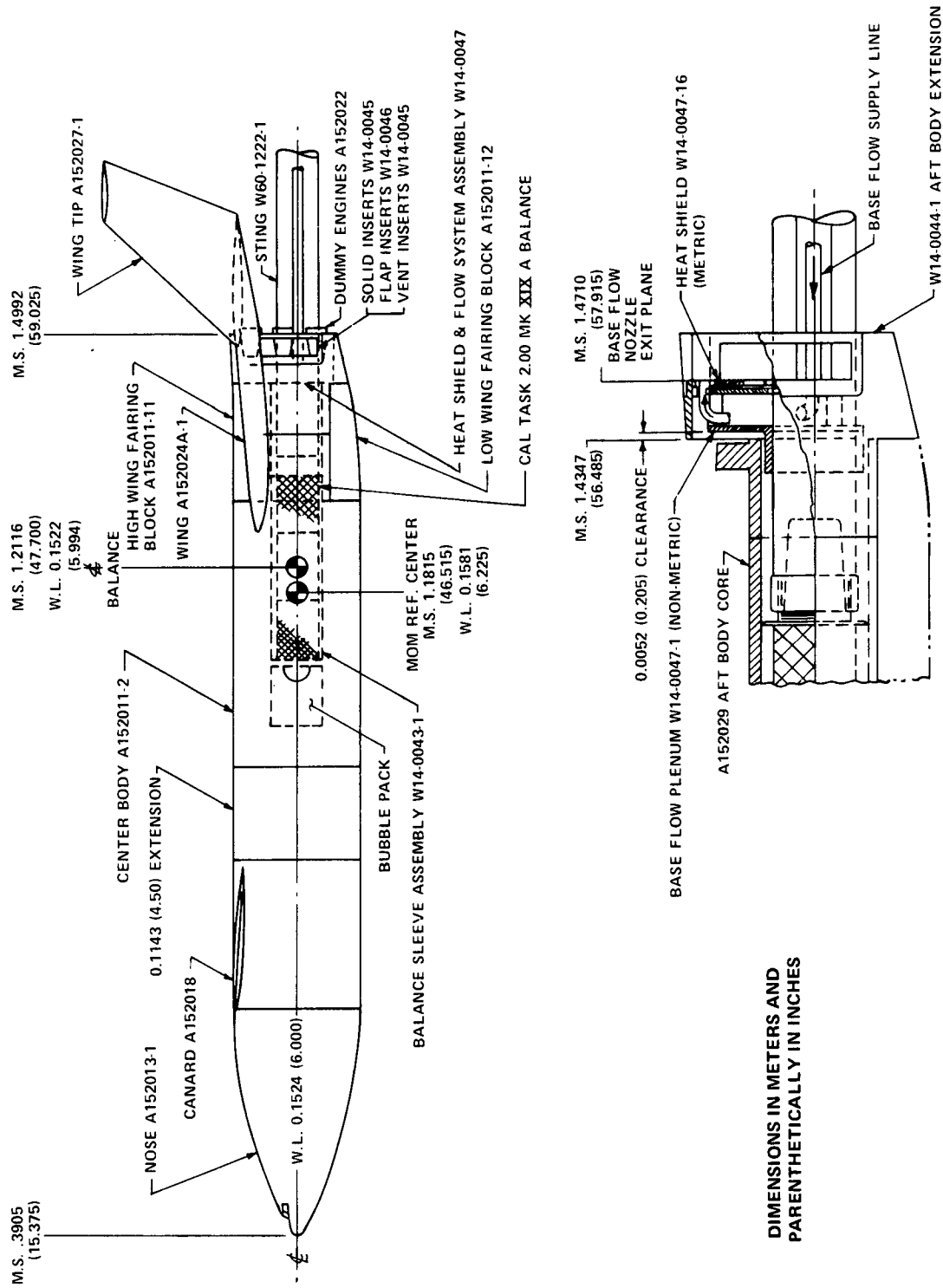
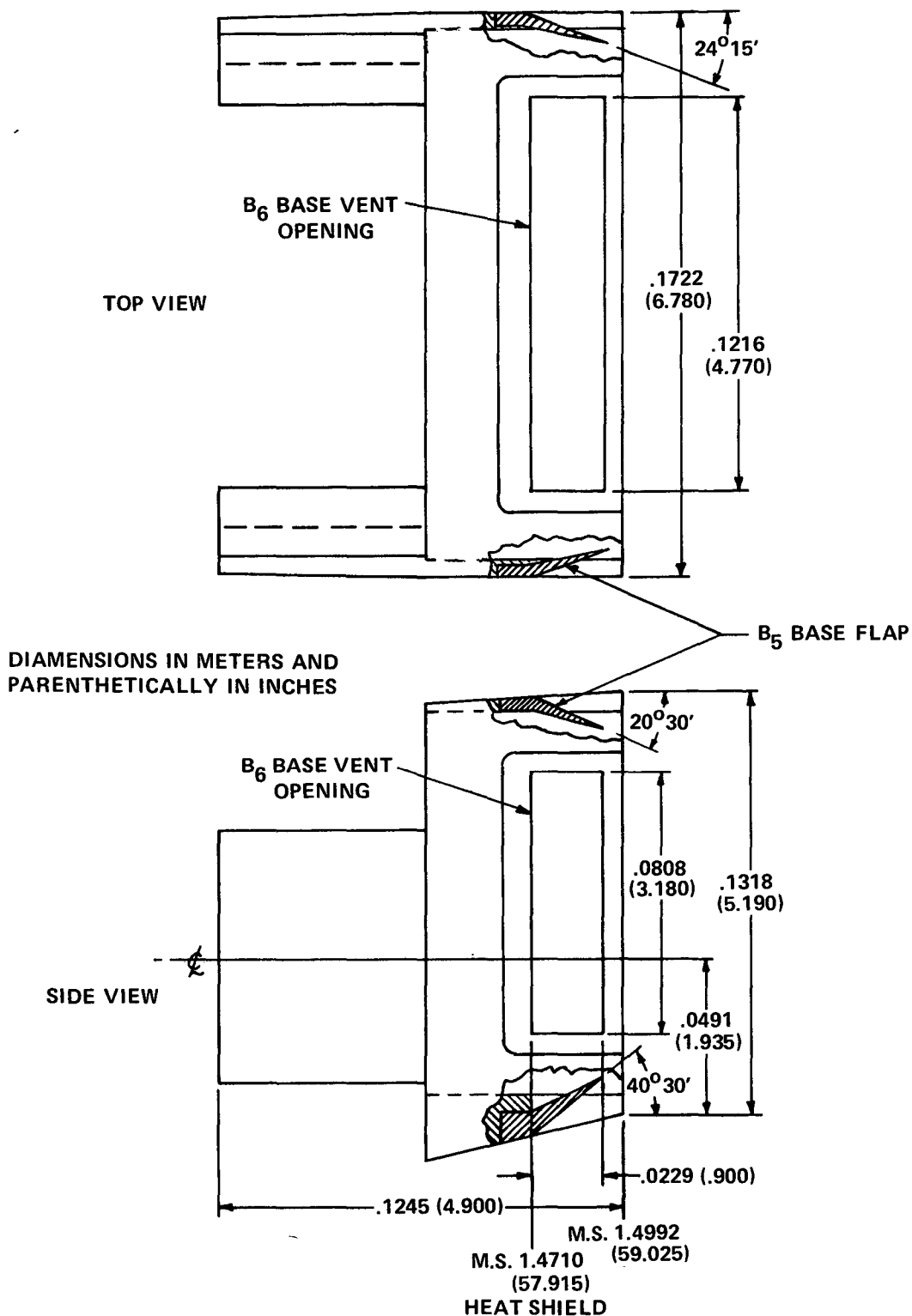
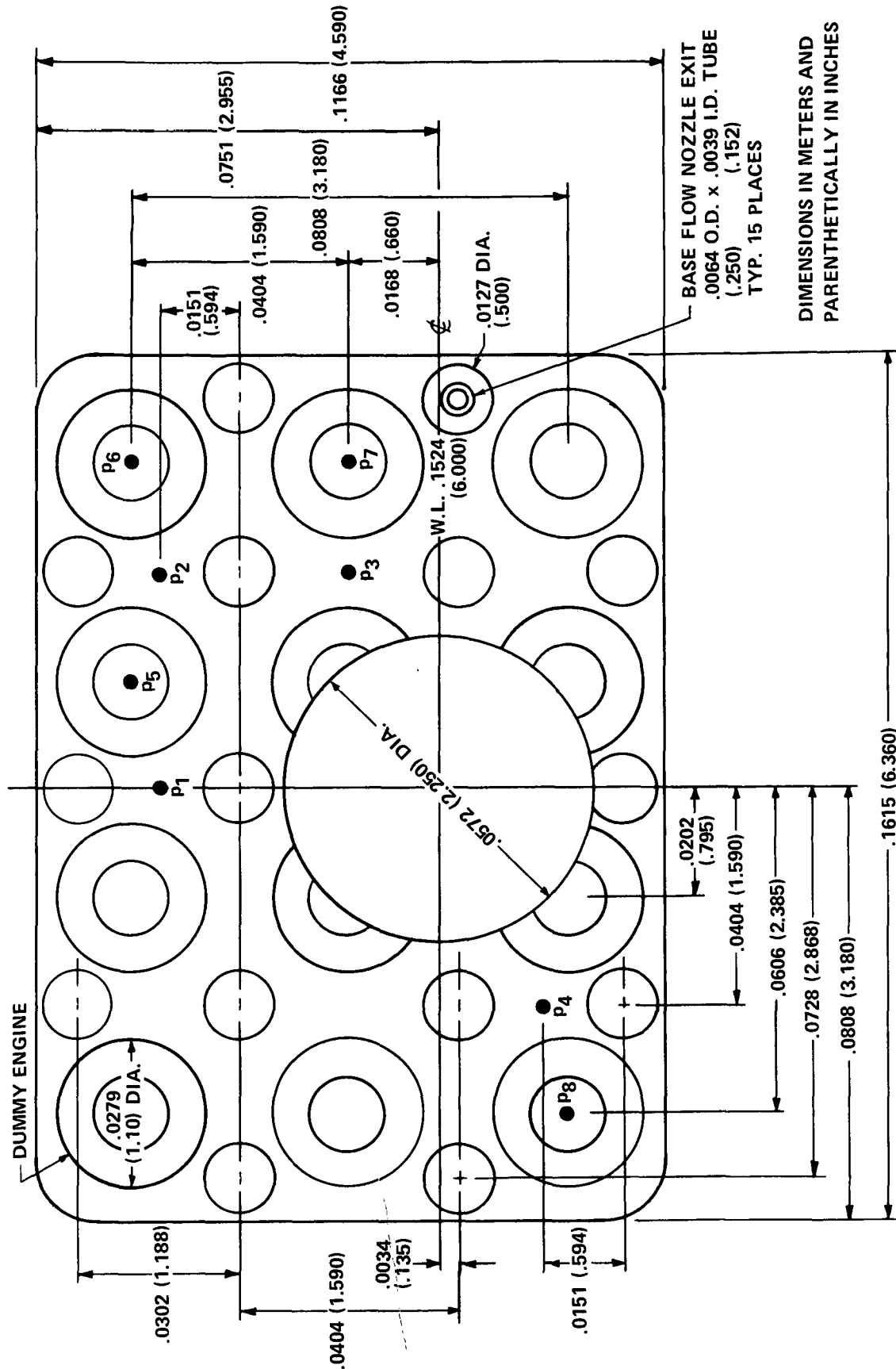


Figure 3



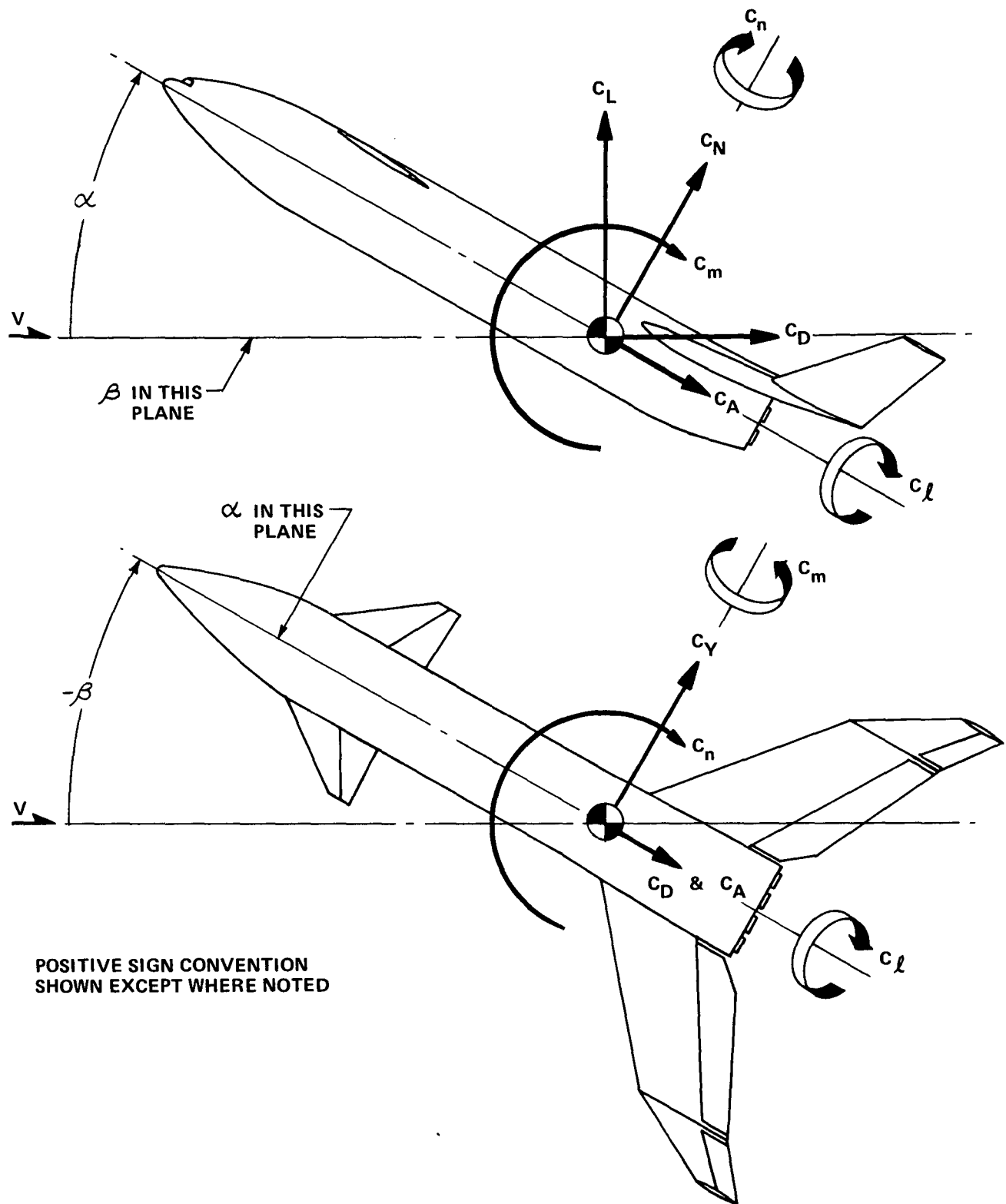
AFT BODY EXTENSION DETAILS
 .015 SCALE SPACE SHUTTLE BOOSTER MODEL

Figure 4



HEAT SHIELD ARRANGEMENT .015 SCALE SPACE SHUTTLE BOOSTER MODEL

Figure 5



POSITIVE SIGN CONVENTION
SHOWN EXCEPT WHERE NOTED

AXIS SYSTEM AND SIGN CONVENTION
.015 SCALE SPACE SHUTTLE BOOSTER MODEL

Figure 6