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AERODYNAMIC PERFORMANCE OF
0.4066-SCALE MODEL OF JT8D
REFAN STAGE WITH S-DUCT INLET

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AERODYNAMIC PERFORMANCE OF 0.4066-SCALE MODEL OF JT8D REFAN STAGE WITH S-DUCT INLET

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SUMMARY

A scale model of the JT8D refan stage was tested with a scale model of the S-duct inlet design for the refanned Boeing 727 center engine. Detailed survey data of pressures, temperatures, and flow angles were obtained over a range of flows at speeds from 70 to 97 percent of design speed. Two different S-duct configurations were tested; one with a bellmouth inlet and the other with a flight lip inlet.

The results indicated that the overall performance was essentially unaffected by the distortion generated by the S-duct inlet. The stall weight flow increased by less than 0.5 kilogram per second ($\sim 1.5\%$ of design flow) with the S-duct inlet compared with those obtained with uniform flow.

The detailed measurements indicated that the inlet guide vane significantly reduced circumferential variations. For example, the flow angles ahead of the IGV were positive in the right half of the inlet and negative in the left half. Behind the IGV, the flow angles tended to be more uniform circumferentially.

INTRODUCTION

The National Aeronautics and Space Administration is engaged in a program with the Pratt & Whitney Division of United Technologies Corp. to provide the technology required to significantly reduce the noise level of the JT8D engines while maintaining their aerodynamic performance. These engines are used on the Boeing 727 and 737 aircraft and the McDonnell-Douglas DC-9 aircraft. The fan stage was redesigned by the contractor to be used with the existing core compressor. Booster stages were also added to the inlet of the core compressor.

To reduce the jet noise, the fan diameter was increased from 103 to 125 centimeters with a corresponding increase in flow of 46.4 percent. This increase will require a new inlet configuration. For nacelle mounted engines the increase in diameter is not

a major aerodynamic problem. However, the airflow for the Boeing 727 center engine enters from above the fuselage and follows an S-duct configuration to the engine, which is aligned with the centerline of the fuselage. The S-duct configuration inevitably introduces some distortion to the flow at the fan face. The increase in fan diameter will necessitate a new S-duct inlet configuration and thus a different distortion pattern. The Boeing Co. has redesigned the S-duct (ref. 1) and experimentally evaluated the distortion patterns produced by the S-duct without the fan stage.

In order to determine the effects of the redesigned S-duct on the fan performance, the scale model of the JT8D refan (ref. 2) was tested at the Lewis Research Center with a scaled S-duct inlet configuration. For these tests the core stator was opened 3° because the results of reference 2 indicated these stators limited the core flow.

The performance of the scaled fan stage with the S-duct inlet configuration is presented. This stage was designated "stage 65B" for tests in the Lewis facility. Data were obtained at three weight flows for 70, 90, and 97 percent of design speed with a bellmouth inlet and at three weight flows for 97 percent of design speed with the flight lip inlet. Detailed surveys of pressure, temperature, and flow angle were recorded at 11 radial positions ahead of the inlet guide vanes, between inlet guide vanes and rotor, and downstream of the rotor, at 7 radial positions downstream of the bypass stators, and at 3 radial positions downstream of the core stators. The data presented in this report are in tabular as well as plotted form. The symbols and equations used are defined in appendixes A and B. The abbreviations and units used for the tabular data are defined in appendix C.

APPARATUS AND PROCEDURE

Test Stage

The test stage is the same as that described in reference 2 except that the core stators were opened 3° . The flow path for this split flow stage is presented in figure 1. The overall design parameters are listed in table I.

Test Facility

The stage with the modified stators was tested both with the inlet plenum tank configuration and with the S-duct. To evaluate uniform flow conditions, the stage was tested in the Lewis single-stage test facility (described in ref. 2), which was modified to allow testing with the S-duct. The inlet plenum tank and piping were removed, and the S-duct was installed. A schematic view of the facility is shown in figure 2, and a photo-

graph showing the S-duct is presented in figure 3. Atmospheric air from the room enters the S-duct and flows down to the test stage. The air then passes through the stage and collector throttle valves and exhausts to an altitude exhaust system. The flow and bypass ratio can be controlled by adjusting the collector throttle valves or by adjusting a remote downstream exhaust valve.

The S-duct was mounted on an actuator mechanism, which allowed the S-duct configuration to be rotated. The purpose of this was to obtain measurements of the circumferential distortion patterns generated by the S-duct.

The S-duct was tested with two inlet configurations: a bellmouth and a flight lip inlet. The bellmouth inlet (see fig. 3(a)) was used to simulate rolling takeoff conditions. The flight inlet configuration is shown in figure 3(b).

Instrumentation

The instrumentation used for the uniform flow tests is identical to that used in reference 2 and therefore only the S-duct instrumentation will be discussed.

The total weight flow was determined from the integrated flow at the first measuring station (station 0). Surveys of the flow were made ahead of the inlet guide vanes (station 0), between the inlet guide vanes and the rotor (station 1), between the rotor and stators (station 2), and downstream of the bypass stators (station 3, see fig. 1). Fixed rakes were located upstream and downstream of the core stators (stations 5 and 6) and downstream of the bypass stators (station 4). At stations 0 to 3 two combination probes and two static pressure wedge probes were used. The probes were located approximately 90° apart, with the two like probes located opposite each other (fig. 4). The combination probes at stations 1 and 3 were circumferentially traversed one blade gap counterclockwise from the nominal values shown in figure 4. The combination probes (fig. 5(a)) were used to determine total pressure, total temperature, and flow angle. At stations 0, 1, and 3, 8° C-shaped wedge probes (fig. 5(b)) were used to determine static pressure. At station 2 two 18° wedge probes (fig. 5(c)) were used to measure static pressure. Each probe had associated null-balancing equipment that automatically alined the probe to the direction of flow. Chromel-constantan thermocouples were used in the combination probes to determine stream temperature. Calibrated transducers were used to measure all pressures.

At stations 4 to 6 total pressures and temperatures were measured with fixed rakes. At station 4 two five-element radial rakes (fig. 5(d)), located 180° apart, were used to measure total pressure and total temperature. The rakes were alined with the axial direction. At station 5 two three-element rakes (fig. 5(e)) were used for total temperature. The station 5 rakes were set at an angle of 45° from the axial direction. At sta-

tion 6 total temperature was determined from a three-element radial rake (fig. 5(f)). At each radial rake radius, a nine-element circumferential rake (fig. 5(f)) was used to measure total pressure. Each circumferential rake was set at the design flow angle for that particular radius. The locations of the rakes are shown in figure 4.

At each measuring station, static pressure taps were installed on both the inner and outer walls of the casing. These pressure taps were at the same axial location as the probes but were offset in the circumferential direction (fig. 4). The rotative speed of the test rotor was determined by an electronic speed counter. The test data were recorded by a central data recording system.

The estimated errors of the data, based on inherent accuracies of the instrumentation and recording system, are as follows:

Weight flow, kg/sec	±0.3
Rotative speed, rpm	±30
Flow angle, deg	±1.0
Temperature, K	±0.6
Total pressure, N/cm ² :	
Station 0	±0.02
Station 1	±0.04
Station 2	±0.10
Station 3	±0.10
Station 4	±0.10
Station 5	±0.10
Station 6	±0.10
Static pressure, N/cm ²	
Station 0	±0.04
Station 1	±0.04
Station 2	±0.07
Station 3	±0.07
Station 4	±0.10
Station 5	±0.10
Station 6	±0.10

Test Procedure

The test procedure for the uniform flow data was the same as that described in reference 2. The stage survey data were taken over a range of flows at 70, 90, and 100 percent of design speed.

With S-duct, the stage survey data were taken over a range of flows at 70, 90, and

97 percent of design speed. Maximum rotative speed was limited to 97 percent of design because of drive motor limitation. For each performance point, data were recorded at 12 S-duct positions. At each S-duct position data were recorded at 11 radial positions for stations 0 to 2, and at 7 radial positions for station 3. At the first radial position the data from the rakes at stations 4 to 6 were also recorded.

At each S-duct and radial position, the two combination probes at stations 1 and 3 were traversed circumferentially to nine locations across the blade gap. The wedge probes were set at midgap because preliminary studies showed that static pressure was constant across the gap. Pressure, temperature, and flow angle were recorded at each circumferential location. At the last circumferential location, values of pressure, temperature, and flow angle were also recorded for stations 0 and 2. The S-duct was then traversed to the next position and the circumferential traverse procedure repeated. After data were recorded for the 12 S-duct positions, the probes were traversed to the next radial position and the above procedure repeated.

It was considered impractical to attempt to map the fan performance over a comprehensive range of total weight flow and bypass ratio. Instead, performance was obtained at values of flow and bypass ratio that were of specific interest from the standpoint of engine application. Using the online calculated weight flow and bypass flow calculated from the fixed instrumentation (station 4), the desired total weight flow and bypass ratios were set and data were taken.

The weight flow at stall was obtained in the following manner: From a condition near stall, the remote throttle value was slowly closed in small increments. At each increment the weight flow was obtained. The weight flow obtained just before stall occurred is called the stall weight flow. The pressure ratio at stall was obtained by extrapolating the total pressures obtained from the survey data to the stall weight flow.

Calculation Procedure

All the data shown herein have been corrected to standard day conditions at the entrance to the inlet guide vane. The data at each radial position has been translated to correspond to conditions as if the S-duct inlet was stationary at the top position and the probes moved.

Because of the physical construction of the 8° wedge, static pressure could not be measured at the 5- and 10-percent locations. Thus, a linear interpolation between the outer-wall static pressure and the value of static pressure at 20-percent span was used to obtain the static pressures at 5- and 10-percent spans.

At each S-duct and radial survey position, the nine circumferential values of pressure, temperature, and flow angle at stations 1 and 3 were mass averaged; the blade-element data are based on these averaged values.

To obtain overall performance, the radial values of pressure and temperature were mass averaged. The bypass ratio is calculated from the integrated weight flows at stations 0 and 3. The bypass stage pressure ratio and temperature ratio are based on the average inlet pressure and temperature from the outer casing to the design split streamline. The core stage pressure ratio and temperature ratio are based on the average inlet pressure and temperature from the design split streamline to the inner wall. The rotor pressure and temperature ratios are based on total conditions (outer to inner) at the inlet.

RESULTS AND DISCUSSION

The overall performance for the rotor and the bypass and core stages are presented first. Overall performance results of the S-duct and the uniform flow cases are compared. Static-pressure distributions for the S-duct will be presented next. Distributions of several performance parameters are then presented for stations 0, 1, 2, 3, and 6. All the plotted data, together with some additional performance parameters, are listed in tabular form. The overall performance data are presented in tables II and III. The survey data are given for each performance point in tables IV and V. The static pressure distributions in the S-duct are presented in tables VI and VII.

Overall Performance

The overall performance for the rotor is presented in figure 6(a), and the overall performances for the bypass stage and the core stage are presented in figures 6(b) and (c). For all three figures, data are presented at 70, 90, and 97 percent of design speed for the bellmouth inlet configuration and at 97 percent of design speed for the flight lip inlet configuration. The overall performance with uniform inlet flow conditions is also presented for reference purposes. Data are presented for 70, 90, and 100 percent speeds for the uniform flow condition (solid symbols).

As can be seen from figure 6 the distortion generated by the S-duct inlet had no appreciable effect on the overall performance of stage 65B. The stall line for the bypass stage occurs at approximately 0.5 kilogram per second greater flow (~1.5% of design flow) with the S-duct inlet than with uniform flow at all speeds.

Static Pressure Distribution in S-Duct

The static-pressure distributions along the S-duct inlet are shown in figure 7 for a

weight flow of 33.80 kilograms per second and 97 percent of design speed. The overall distributions are for circumferential locations of 0° , 90° , 180° , and 270° from the top. On the upper surface, the static pressure increases along the concave forward position of the S-duct and then decreases as the flow accelerates along the sharp bend near the fan inlet. The static pressures on the forward convex lower wall are reduced from the inlet values and then increase as the curvature reverses. The static pressure is nearly uniform circumferentially at the fan face.

These static pressure distributions obtained with the 0.4066 scale model of the S-duct are similar to those obtained by Boeing in a 0.3 scale model (ref. 1).

Distortion Profiles

Typical contour maps are presented in figures 8 to 13 for a weight flow of 33.8 kilograms per second and 97 percent of design speed. Contour maps are presented for the bellmouth inlet for stations 0, 1, 2, 3, and 6 in figures 8 to 12 and for the flight lip inlet for station 0 in figure 13. Each contour map was computer generated based on the data shown in the tables.

Station 0. - The profiles of total pressure, static pressure, flow angle, Mach number, and meridional velocity are presented in figure 8 for station 0 (fan inlet conditions) for the bellmouth inlet and in figure 13 for the flight lip inlet. The total-pressure distortion generated by the S-duct is primarily radial and affects the outer 40 percent of the annulus area. There is a slight increase in the static pressure from the top to the bottom of the annulus. The flow angle in the right half of the fan is approximately a mirror image of that in the left half: flow angles in the right half are positive and angles in the left half are negative. The profiles of velocity and Mach number are similar. The lowest values occurred near the outer contour, and the highest values were measured at the upper center of the passage.

Comparison of the distributions with the bellmouth and flight lip inlets indicated no significant differences between the two inlets. Because the overall performance also indicated no differences, there will be no further comparisons of the two inlets.

Station 1. - The contour maps for station 1 (between the inlet guide vane and the rotor) are presented in figure 9. The inlet guide vanes tended to make all of the parameters more uniform over the whole annulus. In particular, they turned the flow in such a direction as to greatly reduce circumferential variations. The flow angles at this station tended to be more uniform circumferentially than at station 0.

Station 2. - Total temperature, total pressure, static pressure, flow angle, Mach number, and meridional velocity contour maps are presented in figure 10 for station 2 (rotor outlet). Basically, all of the contour plots show axially symmetric patterns with the exceptions of a few isolated islands. The effect of the splitter can be readily ob-

served from the meridional velocity contour map (fig. 10(f)). At approximately 60 percent span from the tip (splitter location), the meridional velocity is low and increases on both sides of the low value.

Station 3. - The contour maps for station 3 (downstream of bypass stator) are presented in figure 11. As behind the rotor, all of the parameters tend to be axially symmetric. The flow at station 3 is essentially axial (fig. 11(d)).

Station 6. - Distributions of total temperature, total pressure, and static pressure are presented in figure 12 for station 6 (core stator outlet). The fixed rakes were set at design values and flow angles were not measured. These contour maps indicate that the core flow is also axisymmetric.

SUMMARY OF RESULTS

A scale model of the JT8D refan stage was tested with a scale model of the S-duct inlet used on the Boeing 727 center engine. Detailed survey data of pressures, temperatures, and flow angles were obtained over a range of flows at speeds from 70 to 97 percent of design speed. Two S-duct inlet configurations were tested: a bellmouth (to simulate rolling takeoff) and a flight lip inlet. The following principal results were obtained:

1. The overall performance was essentially unaffected by the distortion generated by the S-duct inlet.
2. The stall weight flow increased by less than 0.5 kilogram per second (approximately 1.5% of design flow) with the S-duct inlet as compared with that obtained with uniform flow.
3. Detailed flow survey measurements indicated that the inlet guide vane (IGV) turned the flow in such a direction such as to greatly reduce the circumferential variation in the flow. For example, the flow angles ahead of the IGV were positive in the right half of the inlet and negative in the left half. Behind the IGV, the flow angle tended to be more uniform circumferentially.

Lewis Research Center,
National Aeronautics and Space Administration,
Cleveland, Ohio, November 9, 1976,
505-04.

APPENDIX A

SYMBOLS

P	total pressure, N/cm^2
r	radius, cm
T	total temperature, K
W	weight flow, kg/sec
γ	ratio of specific heats (1.4)
δ	ratio of station 0 total pressure to standard pressure of 10.13 N/cm^2
η_{ad}	adiabatic efficiency
θ	ratio of station 0 total temperature to standard temperature of 288.2 K

Subscripts:

in	inlet
out	outlet
0, 1, 2, } 3, 6 }	station 0, 1, 2, 3, and 6

APPENDIX B

EQUATIONS

Adiabatic efficiency:

$$\eta_{ad} = \frac{\left(\frac{P_{out}}{P_{in}}\right)^{(\gamma-1)/\gamma} - 1}{\frac{T_{out}}{T_{in}} - 1}$$

Equivalent weight flow:

$$\frac{w\sqrt{\theta}}{\delta}$$

Equivalent rotative speed:

$$\frac{N}{\sqrt{\theta}}$$

Bypass ratio:

$$\frac{w_3}{w_0 - w_3}$$

APPENDIX C

DEFINITIONS OF AND UNITS FOR ABBREVIATIONS USED IN TABLES AND FIGURES

ABS BETAZ	absolute axial air angle, deg
ABS MACH NO	absolute Mach number
ABS VEL	absolute velocity, m/sec
AXIAL VEL	axial velocity, m/sec
MERID VEL	meridional velocity, m/sec
STATIC PRESS	static pressure, N/cm^2
TAN VEL	tangential velocity, m/sec
THETA	circumferential location from top, deg
TOTAL PRESS	total pressure, N/cm^2
TOTAL TEMP	total temperature, K
WT FLOW	weight flow, kg/sec

REFERENCES

1. Kaldschmidt, G.; Syltebo, B. E.; and Ting, C. T.: A 727 Airplane Center Duct Inlet Low Speed Performance Confirmation Model Test for Refanned JT8D Engines, Phase 2. (D6-41513, Boeing Commercial Airplane Co.; NAS3-17842.) NASA CR-134534, 1973.
2. Moore, Royce D.; Kovich, George; and Tysl, Edward R.: Aerodynamic Performance of a 0.4066-Scale Model of JT8D Refan Stage. NASA TM X-3356, 1976.

TABLE I. - DESIGN OVERALL PARAMETERS
FOR STAGE 65

IGV total pressure ratio	0.992
Rotor total pressure ratio	1.704
BP stator total pressure ratio	0.984
Core stator total pressure ratio	0.980
Rotor total temperature ratio	1.191
Rotor adiabatic efficiency	0.861
Rotor polytropic efficiency	0.871
Rotor head-rise coefficient	0.200
Rotor flow coefficient	0.428
Weight flow per unit frontal area	166.56
Weight flow per unit annulus area	185.48
Weight flow.	35.01
Bypass ratio	2.032
Bypass stage total pressure ratio	1.672
Core stage total pressure ratio	1.642
Bypass stage total temperature ratio	1.194
Core stage total temperature ratio	1.178
Bypass stage adiabatic efficiency	0.815
Core stage adiabatic efficiency	0.855
Bypass stage polytropic efficiency	0.828
Core stage polytropic efficiency.	0.865
Rotative speed	18322.7
Tip speed.	487.5

TABLE II. - OVERALL PERFORMANCE FOR STAGE 65B

WITH S-DUCT AND BELLMOUTH INLET

(a) 97 Percent of design speed

Parameter	Reading		
	1065-1203	785- 916	1258-1389
ROTOR TOTAL PRESSURE RATIO	1.765	1.724	1.679
ROTOR TOTAL TEMPERATURE RATIO	1.216	1.207	1.190
ROTOR ADIABATIC EFFICIENCY	.817	.815	.838
WT FLOW AT IGV INLET	32.68	33.80	34.62
WT FLOW AT ROTOR INLET	33.09	34.08	35.08
WT FLOW AT ROTOR OUTLET	31.28	31.95	33.28
WT FLOW AT BP STATOR OUTLET	23.16	24.37	24.81
WT FLOW AT CORE STATOR OUTLET	6.95	7.34	7.02
ROTATIVE SPEED	17807.0	17779.0	17701.4
PERCENT OF DESIGN SPEED	97.2	97.0	96.6
BYPASS STAGE TOTAL PRESSURE RATIO	1.743	1.700	1.626
CORE STAGE TOTAL PRESSURE RATIO	1.585	1.584	1.568
BYPASS STAGE TOTAL TEMPERATURE RATIO	1.221	1.207	1.189
CORE STAGE TOTAL TEMPERATURE RATIO	1.161	1.160	1.157
BYPASS STAGE ADIABATIC EFFICIENCY	.777	.789	.787
CORE STAGE ADIABATIC EFFICIENCY	.871	.880	.872
BYPASS RATIO	2.43	2.58	2.53

(b) 90 Percent of design speed

Parameter	Reading		
	445- 576	712- 976	979-1253
ROTOR TOTAL PRESSURE RATIO	1.515	1.577	1.623
ROTOR TOTAL TEMPERATURE RATIO	1.145	1.167	1.180
ROTOR ADIABATIC EFFICIENCY	.872	.830	.826
WT FLOW AT IGV INLET	33.97	32.21	30.40
WT FLOW AT ROTOR INLET	34.21	32.48	30.67
WT FLOW AT ROTOR OUTLET	34.22	30.28	29.07
WT FLOW AT BP STATOR OUTLET	23.72	22.38	21.26
WT FLOW AT CORE STATOR OUTLET	8.67	8.32	7.04
ROTATIVE SPEED	16551.6	16487.9	16458.2
PERCENT OF DESIGN SPEED	90.3	90.0	89.8
BYPASS STAGE TOTAL PRESSURE RATIO	1.424	1.551	1.600
CORE STAGE TOTAL PRESSURE RATIO	1.477	1.506	1.486
BYPASS STAGE TOTAL TEMPERATURE RATIO	1.143	1.167	1.184
CORE STAGE TOTAL TEMPERATURE RATIO	1.137	1.133	1.134
BYPASS STAGE ADIABATIC EFFICIENCY	.743	.798	.780
CORE STAGE ADIABATIC EFFICIENCY	.860	.934	.891
BYPASS RATIO	2.31	2.28	2.32

(c) 70 Percent of design speed

Parameter	Reading		
	286- 418	10- 148	151- 283
ROTOR TOTAL PRESSURE RATIO	1.321	1.299	1.256
ROTOR TOTAL TEMPERATURE RATIO	1.106	1.093	1.077
ROTOR ADIABATIC EFFICIENCY	.785	.838	.877
WT FLOW AT IGV INLET	20.58	23.58	26.43
WT FLOW AT ROTOR INLET	20.62	23.78	26.50
WT FLOW AT ROTOR OUTLET	20.85	23.89	26.42
WT FLOW AT BP STATOR OUTLET	14.79	17.06	19.04
WT FLOW AT CORE STATOR OUTLET	5.63	6.47	7.67
ROTATIVE SPEED	12851.5	12868.7	12836.6
PERCENT OF DESIGN SPEED	70.1	70.2	70.1
BYPASS STAGE TOTAL PRESSURE RATIO	1.297	1.268	1.202
CORE STAGE TOTAL PRESSURE RATIO	1.267	1.267	1.269
BYPASS STAGE TOTAL TEMPERATURE RATIO	1.112	1.096	1.078
CORE STAGE TOTAL TEMPERATURE RATIO	1.078	1.084	1.076
BYPASS STAGE ADIABATIC EFFICIENCY	.689	.729	.671
CORE STAGE ADIABATIC EFFICIENCY	.895	.830	.925
BYPASS RATIO	2.56	2.62	2.58

TABLE III. - OVERALL PERFORMANCE FOR STAGE 65B

WITH S-DUCT AND FLIGHT LIP INLET

[97 Percent of design speed.]

Parameter	Reading		
	1401-1532	1535-1667	1672-1806
ROTOR TOTAL PRESSURE RATIO	1.760	1.744	1.680
ROTOR TOTAL TEMPERATURE RATIO	1.214	1.210	1.195
ROTOR ADIABATIC EFFICIENCY	.820	.822	.819
WT FLOW AT IGV INLET	32.81	33.75	35.04
WT FLOW AT ROTOR INLET	32.89	33.93	35.60
WT FLOW AT ROTOR OUTLET	31.79	32.47	33.65
WT FLOW AT BP STATOR OUTLET	22.92	23.58	24.02
WT FLOW AT CORE STATOR OUTLET	8.15	7.36	8.64
ROTATIVE SPEED	17662.7	17684.5	17714.7
PERCENT OF DESIGN SPEED	96.4	96.5	96.7
BYPASS STAGE TOTAL PRESSURE RATIO	1.713	1.702	1.638
CORE STAGE TOTAL PRESSURE RATIO	1.576	1.576	1.574
BYPASS STAGE TOTAL TEMPERATURE RATIO	1.217	1.209	1.189
CORE STAGE TOTAL TEMPERATURE RATIO	1.159	1.163	1.164
BYPASS STAGE ADIABATIC EFFICIENCY	.767	.784	.800
CORE STAGE ADIABATIC EFFICIENCY	.875	.854	.844
BYPASS RATIO	2.32	2.32	2.18

TABLE IV. - DISTRIBUTION OF PARAMETERS FOR STAGE 65B WITH
S-DUCT AND BELLMOUTH INLET

(a) 97 Percent of design speed; reading 1065-1203

(a-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.1	9.30	8.47	287.9	1.6	123.4	123.4	123.4	3.4	.368
24.3	9.75	8.50	290.7	-5.3	150.0	149.4	149.4	-13.8	.448
37.1	9.89	8.50	289.6	-10.9	156.7	153.9	153.9	-29.6	.469
55.2	9.60	8.57	288.7	-19.5	135.9	128.1	128.1	-45.3	.405
68.2	9.61	8.63	288.3	-17.0	132.6	126.8	126.8	-38.8	.396
84.6	9.74	8.69	288.3	-14.1	136.4	132.3	132.3	-33.3	.407
99.5	9.73	8.73	287.3	-14.2	132.5	128.5	128.5	-32.4	.396
111.6	9.79	8.75	288.1	-11.6	134.9	132.1	132.1	-27.2	.403
128.1	9.86	8.79	288.4	-9.4	136.7	134.8	134.8	-22.3	.408
145.5	9.99	8.77	288.3	-8.9	145.2	143.5	143.5	-22.5	.435
159.4	10.06	8.83	287.4	-7.5	145.0	143.7	143.7	-19.0	.435
178.9	10.04	8.83	287.8	-3.4	144.2	144.0	144.0	-8.6	.432
193.1	10.11	8.85	287.1	-.2	147.1	147.1	147.1	-.5	.441
207.3	10.13	8.85	289.3	3.9	148.4	148.1	148.1	10.0	.444
220.1	10.10	8.83	287.7	6.9	147.9	146.8	146.8	17.7	.443
238.2	9.87	8.78	286.4	8.1	137.6	136.3	136.3	19.3	.413
251.2	9.81	8.72	287.0	7.3	137.9	136.8	136.8	17.5	.413
267.6	9.82	8.65	287.3	9.5	143.1	141.2	141.2	23.6	.429
282.5	9.76	8.61	286.4	11.2	142.6	139.9	139.9	27.7	.428
294.6	9.66	8.58	287.5	12.1	138.7	135.6	135.6	29.1	.415
311.1	9.60	8.54	287.0	15.8	138.1	132.9	132.9	37.6	.414
328.5	9.62	8.50	287.6	10.9	141.6	139.1	139.1	26.7	.424
336.4	9.44	8.49	288.0	7.9	132.0	130.7	130.7	18.0	.394
355.9	9.45	8.46	288.7	-2.5	134.3	134.2	134.2	-5.8	.401

(a-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	9.61	8.48	287.3	-6.3	141.9	141.0	141.0	-15.5	.425
24.9	9.60	8.50	287.7	-5.3	140.5	139.9	139.9	-13.0	.420
36.9	10.03	8.51	290.3	-5.7	163.8	163.0	163.0	-16.3	.491
57.2	9.72	8.57	288.4	-11.0	143.5	140.8	140.9	-27.4	.429
62.4	9.71	8.59	288.7	-9.4	141.0	139.1	139.1	-23.1	.421
84.1	9.83	8.68	288.3	-10.0	142.2	140.1	140.1	-24.6	.425
99.5	9.89	8.72	287.7	-9.5	143.2	141.2	141.2	-23.7	.429
111.5	9.93	8.75	287.4	-8.5	143.2	141.7	141.7	-21.1	.429
128.3	9.93	8.78	287.2	-7.7	141.1	139.8	139.8	-18.8	.423
144.0	10.02	8.80	288.0	-8.7	145.4	143.7	143.7	-21.9	.436
163.3	10.14	8.82	287.0	-5.5	150.2	149.5	149.5	-14.3	.451
178.6	10.11	8.83	286.9	-.6	148.0	148.0	148.0	-1.4	.444
194.7	10.20	8.84	286.4	1.7	151.8	151.7	151.8	4.4	.457
207.9	10.20	8.83	288.1	3.3	153.1	152.8	152.8	8.7	.459
219.9	9.98	8.80	287.6	5.5	142.8	142.1	142.1	13.7	.428
240.2	9.90	8.75	286.8	5.0	141.3	140.7	140.8	12.2	.424
245.4	9.90	8.72	287.4	7.5	143.3	142.1	142.1	18.7	.429
267.1	9.88	8.63	287.4	6.4	147.8	146.8	146.8	16.5	.443
282.5	9.86	8.60	287.2	7.1	148.9	147.7	147.7	18.3	.447
294.5	9.77	8.57	286.2	7.1	145.3	144.1	144.1	17.9	.436
311.3	9.71	8.54	286.5	10.0	143.9	141.7	141.7	24.9	.432
327.0	9.55	8.53	287.1	5.7	135.3	134.6	134.6	13.4	.405
340.3	10.02	8.52	289.4	1.7	162.3	162.2	162.3	4.7	.487
355.6	10.07	8.49	290.0	-2.3	166.6	166.4	166.4	-6.7	.500

TABLE IV. - Continued.

(a) Continued.

(a-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	9.38	8.49	286.4	-2.6	126.7	126.6	126.6	-5.8	.379
24.3	10.25	8.51	290.2	-.8	173.7	173.7	173.7	-2.5	.523
37.2	9.55	8.51	287.1	-1.4	136.3	136.3	136.3	-3.4	.408
55.6	9.64	8.55	287.0	-2.9	139.0	138.8	138.9	-7.0	.416
68.9	10.06	8.68	289.5	-.4	155.0	155.0	155.0	-1.0	.464
84.1	9.86	8.70	287.8	-3.7	142.5	142.2	142.2	-9.1	.427
98.8	10.06	8.72	288.6	-3.7	152.2	151.9	151.9	-9.7	.456
113.1	10.12	8.74	287.8	-3.2	153.9	153.7	153.7	-8.6	.462
127.6	9.83	8.78	286.6	-3.3	135.5	135.3	135.3	-7.8	.406
143.3	10.19	8.81	287.0	-4.6	153.3	152.8	152.8	-12.3	.461
162.3	9.99	8.85	286.5	-2.5	140.2	140.1	140.1	-6.2	.421
178.7	10.12	8.84	287.2	-.7	147.7	147.7	147.7	-1.7	.443
194.5	10.27	8.85	287.8	3.0	155.2	155.0	155.0	8.0	.466
207.3	10.23	8.84	287.7	3.1	154.2	154.0	154.0	8.4	.463
220.2	10.14	8.83	287.2	2.9	149.4	149.2	149.3	7.6	.449
238.6	10.09	8.76	288.3	1.8	151.6	151.5	151.6	4.6	.455
251.9	10.19	8.70	287.8	2.2	160.0	159.9	159.9	6.1	.481
267.1	10.03	8.66	287.0	2.8	154.1	153.9	154.0	7.4	.464
281.8	10.02	8.64	288.2	1.3	155.0	154.9	154.9	3.4	.465
296.1	10.13	8.59	288.0	-.4	163.2	163.1	163.2	-1.1	.491
310.6	9.60	8.54	285.1	-.8	136.7	136.7	136.7	-1.9	.411
326.3	9.56	8.52	285.1	-1.7	135.8	135.7	135.7	-4.1	.408
339.3	10.16	8.51	289.1	-2.2	169.0	168.9	168.9	-6.5	.509
355.7	9.34	8.49	286.6	-1.4	124.4	124.4	124.4	-3.1	.372

(a-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.20	8.49	288.8	.1	172.1	172.0	172.1	.3	.519
24.4	10.10	8.50	289.9	.3	167.2	167.1	167.2	1.0	.502
37.6	10.22	8.51	288.7	-.0	171.8	171.8	171.8	-.1	.518
49.1	9.86	8.52	287.6	1.8	153.5	153.4	153.5	4.9	.461
67.9	10.10	8.65	287.3	.9	157.6	157.6	157.6	2.4	.474
77.3	10.04	8.68	289.4	1.1	153.9	153.8	153.8	2.9	.461
99.8	10.14	8.71	287.7	-1.6	156.7	156.6	156.7	-4.3	.471
112.7	10.17	8.74	287.9	-.6	156.4	156.3	156.3	-1.7	.470
128.3	10.20	8.77	286.6	-1.1	156.1	156.0	156.1	-2.9	.470
144.0	10.12	8.80	288.5	-1.3	151.0	150.9	150.9	-3.5	.452
162.7	10.10	8.82	287.4	.8	148.5	148.4	148.4	2.0	.445
178.3	10.22	8.82	288.3	1.6	154.3	154.2	154.3	4.2	.463
194.9	10.27	8.82	287.4	1.9	157.0	156.9	156.9	5.3	.472
207.4	10.20	8.81	287.8	.2	154.3	154.3	154.3	.5	.463
220.6	10.07	8.80	287.3	-.3	147.9	147.8	147.9	-.9	.444
232.1	10.16	8.78	287.7	.6	154.1	154.0	154.1	1.5	.463
250.9	10.18	8.68	288.5	-.2	161.0	161.0	161.0	-.5	.484
260.3	10.13	8.63	287.7	-1.2	160.8	160.7	160.8	-3.2	.484
282.8	10.03	8.59	288.1	-1.2	158.4	158.3	158.4	-3.3	.476
295.7	10.23	8.56	287.5	-1.0	169.5	169.5	169.5	-3.1	.512
311.3	9.88	8.52	285.9	-2.3	154.2	154.0	154.1	-6.1	.465
327.0	10.07	8.50	288.1	-2.0	165.1	165.0	165.0	-5.7	.497
339.7	10.15	8.50	289.6	-2.2	169.5	169.4	169.4	-6.4	.510
355.3	10.23	8.50	290.5	-1.0	173.8	173.7	173.7	-2.9	.522

TABLE IV. - Continued.

(a) Continued.

(a-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	10.20	8.48	288.9	-1.2	172.8	172.6	172.7	-3.7	.521
22.8	10.22	8.50	288.9	.9	172.8	172.7	172.8	2.6	.521
37.4	10.10	8.51	289.2	.7	166.4	166.3	166.4	2.1	.500
56.4	10.03	8.54	289.4	2.1	161.8	161.6	161.7	6.0	.485
68.8	10.22	8.67	288.2	1.1	162.7	162.6	162.7	3.1	.489
85.4	10.03	8.68	287.3	-.1	153.0	152.9	153.0	-.2	.460
99.1	10.15	8.69	288.2	-1.2	158.8	158.7	158.8	-3.2	.477
112.7	10.22	8.71	287.6	-.2	160.7	160.7	160.7	-.6	.484
127.6	10.16	8.75	289.1	1.0	155.7	155.6	155.6	2.6	.467
142.6	10.23	8.79	286.4	-2.3	156.3	156.2	156.2	-6.3	.471
158.8	10.09	8.79	285.9	2.7	148.9	148.7	148.8	7.0	.448
179.1	10.13	8.80	287.0	2.5	150.7	150.5	150.6	6.7	.453
190.1	10.26	8.80	287.5	1.0	157.3	157.2	157.3	2.7	.473
205.8	10.24	8.80	287.8	-.3	156.7	156.7	156.7	-.9	.471
220.4	10.20	8.78	288.7	-.1	156.4	156.3	156.4	-.2	.469
239.4	10.24	8.71	288.0	-4.2	161.5	161.0	161.0	-11.9	.486
251.8	10.14	8.65	289.8	-1.2	160.9	160.8	160.9	-3.4	.483
268.4	10.16	8.62	288.1	-1.8	163.1	162.9	163.0	-5.2	.491
282.1	10.14	8.60	288.2	-1.8	163.3	163.2	163.2	-5.2	.491
295.7	10.27	8.56	289.4	-2.8	171.7	171.4	171.5	-8.4	.517
310.6	10.20	8.54	288.5	-3.9	169.0	168.6	168.6	-11.5	.509
325.6	10.27	8.53	287.5	-2.0	172.4	172.3	172.3	-5.9	.521
335.8	10.21	8.52	289.6	-4.3	171.5	170.9	171.0	-12.8	.516
356.1	10.23	8.49	289.6	-1.6	173.6	173.5	173.5	-4.8	.523

(a-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.1	10.24	8.49	288.2	-.5	173.8	173.7	173.8	-1.4	.525
24.3	10.24	8.50	289.6	-.4	173.7	173.6	173.7	-1.2	.523
36.5	10.25	8.52	289.1	.7	173.1	173.0	173.1	2.0	.521
58.3	10.23	8.55	289.4	2.9	170.5	170.2	170.2	8.6	.513
68.8	10.25	8.68	287.9	2.4	163.9	163.7	163.7	6.7	.493
85.0	9.99	8.68	289.1	-.2	151.0	151.0	151.0	-.6	.452
100.6	10.09	8.70	287.7	-.5	154.5	154.4	154.5	-1.3	.464
111.9	10.25	8.72	287.8	.8	161.8	161.7	161.8	2.1	.487
127.6	10.13	8.75	288.3	.3	154.0	154.0	154.0	.8	.462
145.7	10.14	8.78	286.8	-1.1	152.6	152.5	152.5	-3.0	.459
162.5	10.10	8.78	286.8	3.0	150.1	149.9	149.9	7.8	.451
177.2	10.22	8.82	286.0	1.6	153.9	153.8	153.9	4.4	.464
194.1	10.28	8.81	287.8	.9	157.8	157.7	157.8	2.6	.474
207.3	10.29	8.79	288.5	-.2	159.4	159.3	159.4	-.5	.479
219.5	10.21	8.78	287.8	-1.1	156.3	156.3	156.3	-2.9	.470
241.3	10.21	8.73	287.7	-1.8	158.6	158.5	158.5	-5.0	.477
251.8	10.26	8.68	287.4	-2.2	164.1	163.9	163.9	-6.2	.494
268.0	10.21	8.61	289.9	-2.2	166.1	165.9	166.0	-6.3	.499
283.6	10.21	8.59	288.1	-4.2	166.9	166.4	166.5	-12.2	.503
294.9	10.23	8.57	287.9	-2.7	168.9	168.7	168.7	-8.0	.509
310.6	10.27	8.54	287.3	-3.5	171.9	171.6	171.6	-10.5	.520
328.7	10.27	8.53	288.7	-1.6	172.9	172.8	172.9	-4.7	.521
339.5	10.24	8.53	289.9	-3.3	172.2	171.9	172.0	-10.0	.518
354.2	10.25	8.50	288.3	-.9	173.5	173.4	173.5	-2.7	.524

TABLE IV. - Continued.

(a) Continued.

(a-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	10.26	8.52	291.0	-4	174.1	174.0	174.1	-1.2	.523
24.0	10.27	8.53	289.3	1.5	173.6	173.4	173.5	4.5	.523
36.4	10.24	8.54	289.9	2.3	172.0	171.8	171.9	6.9	.517
55.0	10.25	8.56	288.3	1.5	170.6	170.5	170.5	4.4	.514
68.7	10.15	8.67	288.0	1.0	159.3	159.2	159.3	2.9	.479
83.3	10.03	8.69	288.2	.6	152.5	152.4	152.5	1.5	.457
98.8	10.23	8.71	289.4	2.6	161.9	161.6	161.7	7.5	.486
111.5	10.28	8.72	288.8	1.5	163.0	162.8	162.9	4.3	.490
128.7	10.27	8.75	286.9	.8	160.9	160.8	160.8	2.2	.485
143.9	10.19	8.77	286.5	-.1	155.4	155.3	155.4	-.3	.468
161.3	10.21	8.78	288.4	3.6	156.2	155.8	155.9	9.7	.469
170.8	10.24	8.79	287.0	2.5	156.9	156.7	156.8	6.9	.472
195.0	10.28	8.79	288.5	.5	159.4	159.3	159.4	1.4	.479
207.0	10.27	8.78	287.2	-.9	159.1	159.0	159.1	-2.5	.479
219.4	10.29	8.77	289.1	-1.7	161.0	160.9	160.9	-4.8	.483
238.0	10.29	8.73	289.5	-4.0	163.0	162.5	162.6	-11.4	.489
251.7	10.28	8.66	289.6	-3.4	166.9	166.5	166.6	-10.0	.501
266.3	10.27	8.61	287.3	-5.0	168.3	167.6	167.7	-14.7	.508
281.8	10.27	8.59	289.0	-5.5	170.2	169.3	169.4	-16.3	.512
294.5	10.29	8.57	288.9	-5.0	172.0	171.2	171.3	-15.1	.518
311.7	10.28	8.55	286.8	-3.5	172.3	171.9	172.0	-10.4	.521
326.9	10.26	8.54	287.3	-2.4	172.1	171.8	171.9	-7.1	.520
338.3	10.27	8.53	288.4	-2.1	173.4	173.2	173.3	-6.4	.523
347.8	10.27	8.51	288.6	-1.9	173.9	173.7	173.8	-5.9	.525

(a-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.3	10.21	8.54	288.4	.9	170.1	170.0	170.1	2.8	.513
24.4	10.25	8.54	289.3	1.0	171.7	171.6	171.7	3.0	.517
36.5	10.26	8.55	288.8	2.8	171.7	171.4	171.5	8.3	.517
56.9	10.26	8.64	290.0	3.4	167.1	166.7	166.8	9.8	.502
67.8	10.19	8.60	288.8	2.1	165.5	165.4	165.4	5.9	.498
82.4	10.16	8.70	287.1	1.9	158.3	158.2	158.3	5.3	.477
99.1	10.27	8.71	287.7	1.4	163.1	163.0	163.0	4.0	.491
111.7	10.27	8.73	288.1	2.2	162.0	161.8	161.9	6.3	.487
127.4	10.26	8.75	286.4	2.6	160.2	159.9	160.0	7.3	.483
142.8	10.27	8.77	287.8	-.5	159.7	159.7	159.7	-1.4	.480
154.1	10.25	8.78	286.8	4.2	158.0	157.5	157.6	11.5	.476
177.3	10.26	8.79	287.8	1.1	158.4	158.3	158.3	3.1	.476
194.3	10.27	8.78	287.3	-.4	159.0	159.0	159.0	-1.1	.479
207.4	10.28	8.77	289.8	-2.4	160.3	160.1	160.1	-6.7	.480
219.5	10.27	8.76	287.4	-3.8	159.7	159.3	159.4	-10.6	.481
239.9	10.27	8.69	288.8	-6.0	164.3	163.3	163.4	-17.1	.494
250.8	10.28	8.60	288.5	-5.6	169.3	168.4	168.5	-16.5	.510
265.4	10.27	8.59	288.5	-6.1	169.8	168.7	168.8	-18.1	.512
282.1	10.27	8.57	288.3	-4.9	170.8	170.1	170.1	-14.6	.515
294.7	10.28	8.57	287.2	-5.3	171.1	170.3	170.3	-15.8	.517
310.4	10.28	8.55	288.0	-4.9	172.0	171.3	171.4	-14.6	.519
325.8	10.27	8.55	287.4	-2.2	171.8	171.6	171.7	-6.5	.519
331.1	10.26	8.54	289.0	-3.2	172.0	171.7	171.8	-9.5	.518
354.3	10.24	8.54	288.3	-.8	171.2	171.1	171.2	-2.3	.516

TABLE IV. - Continued.

(a) Continued.

(a-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.6	10.21	8.53	288.4	.1	170.1	170.1	170.1	.4	.513
22.6	10.23	8.54	288.4	2.0	170.9	170.7	170.8	5.9	.515
35.8	10.24	8.55	288.8	1.5	170.7	170.6	170.6	4.4	.514
55.4	10.24	8.56	289.1	3.4	170.4	170.0	170.1	10.2	.513
68.8	10.22	8.66	288.5	1.8	164.1	163.9	164.0	5.2	.494
83.4	10.25	8.68	287.2	4.2	163.7	163.2	163.3	11.9	.494
99.5	10.25	8.69	287.9	2.8	163.2	163.0	163.0	8.0	.491
111.1	10.26	8.71	287.5	2.1	162.3	162.2	162.2	5.8	.489
127.7	10.26	8.72	287.2	.1	162.1	162.0	162.1	.3	.488
141.8	10.26	8.73	287.8	-.4	161.5	161.4	161.5	-1.1	.486
162.6	10.21	8.75	287.0	4.8	157.4	156.8	156.8	13.1	.474
177.6	10.25	8.76	287.5	2.2	158.8	158.6	158.7	6.0	.478
194.6	10.25	8.76	287.6	-.7	158.9	158.8	158.8	-2.0	.478
205.6	10.25	8.76	287.6	-1.4	159.3	159.2	159.3	-3.9	.479
218.8	10.25	8.75	289.3	-2.7	160.1	159.8	159.9	-7.6	.480
238.4	10.25	8.69	287.3	-6.0	163.1	162.1	162.2	-17.0	.491
251.8	10.25	8.62	289.0	-7.2	167.3	165.9	166.0	-20.9	.503
266.4	10.26	8.58	288.9	-6.6	170.1	168.9	169.0	-19.5	.512
282.5	10.25	8.56	288.3	-6.1	170.2	169.2	169.2	-18.2	.513
294.1	10.25	8.55	289.4	-6.0	171.4	170.4	170.5	-17.8	.516
310.7	10.26	8.54	288.2	-3.7	172.1	171.7	171.7	-11.0	.519
324.8	10.25	8.53	288.0	-1.9	171.7	171.6	171.6	-5.6	.518
339.6	10.24	8.53	289.2	-3.8	171.8	171.3	171.4	-11.4	.517
354.6	10.23	8.53	289.3	-2.0	171.4	171.2	171.3	-5.8	.516

(a-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.1	10.23	8.56	288.5	-2.3	169.3	169.1	169.1	-6.8	.510
24.7	10.22	8.57	287.7	.1	168.3	168.3	168.3	.4	.508
36.2	10.20	8.56	288.3	2.5	168.2	167.9	168.0	7.3	.507
55.1	10.21	8.56	288.8	3.5	168.8	168.4	168.5	10.4	.508
67.8	10.23	8.63	289.4	4.1	165.7	165.2	165.3	12.0	.498
83.6	10.18	8.67	288.9	4.0	161.4	160.9	161.0	11.3	.485
99.6	10.23	8.67	287.9	4.6	163.3	162.7	162.8	13.1	.492
111.5	10.23	8.68	288.4	3.8	163.2	162.8	162.8	10.9	.491
123.8	10.22	8.69	288.2	4.0	162.1	161.7	161.7	11.4	.488
143.5	10.22	8.72	289.7	1.4	160.9	160.8	160.8	4.0	.482
163.1	10.21	8.73	287.5	4.2	159.0	158.6	158.6	11.6	.479
179.3	10.22	8.74	287.7	.5	158.8	158.8	158.8	1.3	.478
186.1	10.22	8.74	288.2	-.1	159.2	159.1	159.2	-.2	.478
207.7	10.23	8.73	288.2	-4.2	159.8	159.3	159.4	-11.8	.480
219.2	10.23	8.72	288.5	-4.8	160.3	159.7	159.7	-13.3	.482
238.1	10.22	8.68	288.4	-6.8	162.8	161.7	161.7	-19.2	.490
250.8	10.21	8.61	288.4	-6.1	166.1	165.1	165.2	-17.6	.500
266.6	10.24	8.56	289.9	-8.2	170.6	168.8	168.8	-24.4	.513
282.6	10.22	8.56	289.0	-8.0	169.5	167.8	167.8	-23.5	.510
294.5	10.22	8.56	289.2	-7.6	169.7	168.2	168.2	-22.3	.511
306.8	10.24	8.55	288.6	-6.4	170.6	169.5	169.5	-19.0	.514
326.5	10.24	8.54	288.3	-2.9	171.0	170.7	170.7	-8.7	.515
340.1	10.21	8.55	289.3	-4.0	169.6	169.1	169.1	-11.9	.510
356.3	10.22	8.56	289.0	-4.0	169.0	168.5	168.6	-11.6	.509

TABLE IV. - Continued.

(a) Continued.

(a-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	10.19	8.60	287.8	-0.2	165.5	165.5	165.5	-0.6	.499
23.8	10.20	8.60	287.7	-0.0	166.1	166.1	166.1	-0.0	.501
36.2	10.20	8.59	288.4	2.1	166.5	166.4	166.4	6.0	.501
55.6	10.19	8.59	288.0	7.0	166.3	165.0	165.0	20.2	.501
67.8	10.20	8.66	287.9	7.1	162.6	161.4	161.4	20.0	.490
83.6	10.19	8.67	287.9	8.1	161.6	160.0	160.0	22.8	.486
100.0	10.20	8.67	288.1	8.2	162.0	160.3	160.3	23.2	.487
113.0	10.21	8.67	288.6	6.6	162.2	161.1	161.1	18.5	.488
119.5	10.22	8.68	287.4	5.4	162.0	161.3	161.3	15.3	.488
143.0	10.22	8.70	288.9	3.7	161.4	161.0	161.0	10.5	.485
162.6	10.19	8.71	287.7	2.4	159.0	158.8	158.9	6.8	.478
177.8	10.20	8.72	287.3	-0.9	159.2	159.2	159.2	-2.4	.479
194.5	10.20	8.72	288.3	-1.5	159.2	159.1	159.1	-4.3	.478
206.8	10.19	8.72	287.5	-3.6	158.5	158.2	158.2	-9.8	.477
219.2	10.20	8.71	289.0	-5.2	160.4	159.8	159.8	-14.4	.482
238.6	10.21	8.66	288.7	-8.4	163.2	161.4	161.4	-24.0	.491
250.8	10.21	8.60	289.8	-8.4	166.9	165.1	165.1	-24.3	.501
266.6	10.21	8.55	287.7	-10.2	169.1	166.5	166.5	-29.9	.510
283.0	10.21	8.54	289.6	-9.9	170.3	167.8	167.8	-29.2	.512
296.0	10.19	8.54	289.1	-10.1	169.0	166.4	166.4	-29.7	.509
302.5	10.22	8.55	287.9	-9.1	169.8	167.6	167.6	-26.9	.512
326.0	10.22	8.56	288.9	-5.5	169.2	168.4	168.4	-16.2	.509
339.6	10.18	8.57	288.3	-4.9	166.7	166.1	166.1	-14.3	.502
354.8	10.20	8.58	287.6	-3.6	166.8	166.4	166.4	-10.3	.503

(a-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
5.8	9.51	8.30	288.1	8.1	148.6	147.0	147.1	21.1	.445
20.0	9.63	8.30	288.7	7.1	155.5	154.3	154.3	19.3	.466
32.8	9.55	8.30	288.2	3.8	150.4	150.1	150.1	10.0	.451
50.9	9.59	8.30	288.1	3.0	153.0	152.7	152.8	7.9	.459
63.9	9.28	8.30	287.5	.6	134.5	134.5	134.5	1.4	.402
80.3	9.58	8.35	288.4	1.8	149.3	149.2	149.2	4.7	.447
95.2	9.61	8.35	288.1	2.1	151.0	150.9	150.9	5.6	.453
107.3	9.66	8.39	287.6	2.4	151.6	151.4	151.4	6.4	.455
123.8	9.71	8.42	287.3	2.5	151.7	151.5	151.6	6.5	.456
141.2	9.77	8.45	287.2	3.1	153.4	153.1	153.1	8.2	.461
160.2	9.76	8.46	287.5	-0.4	152.3	152.3	152.3	-1.2	.457
179.7	9.88	8.46	287.8	.1	157.9	157.9	157.9	.3	.475
193.9	9.97	8.48	288.0	1.7	161.7	161.6	161.6	4.7	.486
208.1	10.02	8.47	288.9	2.5	164.5	164.3	164.3	7.1	.494
220.9	10.02	8.47	288.4	3.6	164.9	164.5	164.6	10.3	.496
239.0	9.88	8.44	287.7	4.8	159.4	158.8	158.9	13.5	.480
252.0	9.80	8.42	287.6	5.0	156.4	155.8	155.8	13.8	.470
268.4	9.74	8.40	287.4	5.4	154.8	154.1	154.1	14.6	.465
283.3	9.68	8.39	287.3	6.0	152.1	151.2	151.3	15.9	.457
295.4	9.64	8.38	287.3	6.4	150.2	149.2	149.3	16.8	.451
311.9	9.58	8.37	287.1	7.1	147.9	146.8	146.8	18.2	.444
329.3	9.48	8.34	287.9	8.0	144.4	142.9	143.0	20.2	.432
332.1	9.38	8.33	287.9	11.9	138.5	135.5	135.5	28.6	.414
351.6	9.58	8.31	288.4	9.9	151.4	149.1	149.2	26.1	.454

TABLE IV. - Continued.

(a) Continued.

(a-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	9.68	8.31	287.7	5.2	157.1	156.4	156.4	14.2	.472
20.6	9.62	8.29	288.1	5.9	155.2	154.4	154.4	16.0	.466
32.6	9.87	8.29	288.3	5.3	167.4	166.7	166.7	15.4	.504
52.9	9.67	8.30	288.2	3.3	157.6	157.3	157.3	9.0	.473
58.1	9.54	8.30	287.6	3.6	149.8	149.5	149.5	9.5	.449
79.8	9.75	8.32	288.3	4.1	160.3	159.9	159.9	11.5	.482
95.2	9.71	8.36	287.7	3.7	155.8	155.4	155.5	9.9	.468
107.2	9.77	8.38	287.0	3.8	157.2	156.9	156.9	10.3	.473
124.0	9.85	8.40	286.4	3.7	159.8	159.5	159.5	10.3	.482
139.7	9.85	8.43	287.1	4.4	158.3	157.8	157.8	12.2	.477
164.1	9.89	8.48	287.2	.5	157.7	157.7	157.7	1.5	.475
179.4	9.96	8.48	287.7	1.1	161.2	161.2	161.2	3.0	.485
195.5	10.06	8.48	287.9	2.0	166.1	166.0	166.0	5.9	.500
208.7	10.06	8.47	288.6	2.2	166.7	166.6	166.6	6.5	.502
220.7	10.03	8.46	288.3	3.9	165.9	165.5	165.6	11.2	.500
241.0	9.86	8.42	287.5	4.0	159.8	159.4	159.4	11.3	.481
246.2	9.83	8.41	287.2	3.9	158.6	158.2	158.2	10.9	.477
267.9	9.80	8.39	287.1	3.8	158.5	158.1	158.1	10.6	.477
283.3	9.78	8.38	287.1	4.2	158.3	157.9	157.9	11.5	.476
295.3	9.79	8.37	287.2	4.3	158.6	158.1	158.1	12.0	.477
312.1	9.76	8.36	287.0	4.2	157.8	157.3	157.3	11.5	.475
327.8	9.62	8.35	287.9	4.0	151.9	151.5	151.5	10.7	.456
336.0	9.70	8.34	287.8	7.2	156.4	155.1	155.2	19.6	.470
351.3	9.75	8.33	288.2	7.0	159.7	158.5	158.5	19.4	.480

(a-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	9.49	8.31	286.9	5.0	146.1	145.6	145.6	12.8	.439
20.0	9.92	8.30	287.8	5.9	169.4	168.5	168.5	17.5	.511
32.9	9.74	8.34	287.0	5.5	158.2	157.4	157.4	15.2	.476
51.3	9.69	8.34	287.2	6.4	155.3	154.3	154.3	17.3	.467
64.6	9.78	8.32	287.8	6.8	161.8	160.6	160.6	19.1	.487
79.8	9.96	8.33	288.2	5.8	169.7	168.8	168.8	17.2	.512
94.5	9.84	8.34	287.7	5.9	163.5	162.6	162.6	16.8	.492
108.8	9.84	8.35	287.4	4.6	163.0	162.5	162.5	13.0	.491
123.3	9.92	8.37	286.6	4.8	165.6	165.0	165.0	13.9	.500
139.0	9.94	8.39	286.5	4.7	165.1	164.6	164.6	13.5	.499
163.1	9.85	8.41	286.7	.9	159.1	159.0	159.0	2.4	.479
179.5	9.91	8.45	287.5	1.0	160.7	160.7	160.7	2.8	.484
195.3	10.06	8.46	287.8	1.1	166.9	166.9	166.9	3.3	.503
208.1	10.12	8.47	288.1	1.4	169.4	169.4	169.4	4.2	.511
221.0	10.08	8.46	288.1	1.7	167.9	167.8	167.8	4.9	.506
239.4	9.93	8.41	287.6	1.5	163.3	163.3	163.3	4.4	.492
252.7	9.91	8.39	287.6	1.8	163.4	163.4	163.4	5.2	.492
267.9	9.92	8.39	287.7	1.4	164.5	164.4	164.4	4.0	.495
282.6	9.89	8.37	287.2	1.1	163.9	163.8	163.9	3.1	.494
296.9	9.86	8.35	287.3	.7	163.4	163.4	163.4	1.9	.493
311.4	10.03	8.35	287.0	.1	171.8	171.8	171.8	.4	.519
327.1	9.87	8.33	288.1	-.2	165.6	165.6	165.6	-.7	.499
335.0	9.88	8.32	287.8	3.8	166.3	165.9	165.9	11.2	.501
351.4	9.72	8.34	287.5	4.6	157.2	156.7	156.7	12.5	.473

TABLE IV. - Continued.

(a) Continued.

(a-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.00	8.28	288.1	3.7	174.4	174.0	174.0	11.1	.527
20.1	10.00	8.28	287.9	3.9	174.2	173.8	173.8	11.9	.526
33.3	10.00	8.30	287.3	4.7	172.8	172.2	172.2	14.3	.522
44.8	9.86	8.31	287.4	4.4	166.0	165.5	165.5	12.9	.501
63.6	9.91	8.31	287.8	4.9	168.4	167.8	167.8	14.4	.508
73.0	10.02	8.29	287.9	4.2	174.6	174.1	174.1	12.8	.527
95.5	9.91	8.31	287.4	4.8	168.4	167.8	167.8	14.1	.508
108.4	9.93	8.32	286.7	3.7	168.7	168.3	168.3	10.7	.510
124.0	10.04	8.32	286.7	4.0	173.2	172.8	172.8	12.0	.524
139.7	10.02	8.34	286.8	3.6	171.8	171.5	171.5	10.7	.520
163.5	9.95	8.39	287.3	-2	165.6	165.6	165.6	-5	.499
179.1	10.03	8.42	288.1	-3	168.1	168.1	168.1	-8	.507
195.7	10.13	8.42	288.1	-4	172.2	172.2	172.2	-1.2	.520
208.2	10.15	8.41	288.2	-7	173.7	173.7	173.7	-2.0	.524
221.4	10.04	8.40	287.8	-5	169.6	169.5	169.5	-1.4	.511
232.9	10.02	8.37	287.4	-4	169.7	169.7	169.7	-1.1	.512
251.7	9.99	8.36	288.6	-1.0	169.8	169.8	169.8	-2.9	.512
261.1	10.01	8.34	288.6	-1.2	171.3	171.2	171.2	-3.5	.516
283.6	9.95	8.31	288.3	-7	170.6	170.6	170.6	-2.1	.514
296.5	9.91	8.31	287.3	-1.0	168.3	168.3	168.3	-3.0	.508
312.1	10.08	8.32	287.3	-8	175.3	175.3	175.3	-2.4	.530
327.8	10.06	8.29	288.0	-1.4	176.2	176.2	176.2	-4.3	.532
335.4	10.02	8.29	288.2	3.2	174.7	174.4	174.4	9.9	.527
351.0	10.03	8.29	288.4	3.5	175.2	174.9	174.9	10.5	.529

(a-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.8	10.09	8.28	287.7	3.1	178.1	177.9	177.9	9.6	.539
18.5	10.11	8.28	287.5	3.2	179.1	178.8	178.8	9.9	.542
33.1	10.09	8.30	287.5	3.5	177.1	176.7	176.7	10.7	.536
52.1	10.01	8.30	287.7	3.5	173.7	173.4	173.4	10.5	.525
64.5	10.00	8.31	287.5	4.0	172.9	172.5	172.5	12.1	.522
81.1	10.04	8.30	287.1	3.6	174.5	174.2	174.2	10.9	.528
94.8	9.93	8.29	287.7	3.6	170.3	170.0	170.0	10.7	.514
108.4	9.94	8.30	287.7	2.8	170.4	170.2	170.2	8.4	.514
123.3	10.08	8.30	286.9	3.1	176.4	176.1	176.1	9.4	.534
138.3	10.12	8.32	286.9	2.9	177.3	177.1	177.1	8.9	.537
159.6	9.93	8.35	286.9	-1.0	166.9	166.9	166.9	-2.8	.504
179.9	10.02	8.36	287.8	-1.1	171.1	171.1	171.1	-3.2	.517
190.9	10.12	8.37	288.3	-1.6	174.6	174.5	174.5	-4.7	.527
206.6	10.16	8.39	288.0	-1.7	175.4	175.4	175.4	-5.2	.530
221.2	10.14	8.37	288.0	-1.6	175.8	175.8	175.8	-4.8	.531
240.2	10.01	8.35	287.6	-2.1	170.8	170.7	170.7	-6.3	.516
252.6	10.06	8.34	288.5	-1.4	173.8	173.8	173.8	-4.3	.524
269.2	10.10	8.32	288.0	-1.8	176.5	176.4	176.4	-5.6	.533
282.9	10.03	8.29	288.7	-1.8	175.0	174.9	174.9	-5.4	.528
296.5	9.96	8.29	287.8	-1.9	171.9	171.8	171.8	-5.8	.519
311.4	10.13	8.30	287.7	-1.8	178.6	178.5	178.5	-5.6	.540
326.4	10.10	8.30	288.0	-1.9	178.1	178.0	178.0	-5.8	.538
331.5	10.04	8.29	288.0	2.1	175.3	175.2	175.2	6.4	.530
351.8	10.09	8.29	288.5	2.3	178.0	177.8	177.8	7.2	.538

TABLE IV. - Continued.

(a) Continued.

(a-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	10.14	8.29	287.7	1.9	179.7	179.6	179.6	6.1	.544
20.0	10.10	8.28	287.3	2.4	178.3	178.2	178.2	7.5	.540
32.2	10.11	8.29	287.4	2.2	178.4	178.3	178.3	6.9	.540
54.0	10.12	8.29	287.7	2.6	178.7	178.5	178.5	8.0	.541
64.5	10.08	8.29	287.6	3.0	177.3	177.0	177.0	9.2	.536
80.7	10.09	8.29	287.7	2.8	177.9	177.7	177.7	8.8	.538
96.3	9.96	8.27	287.3	2.5	172.6	172.4	172.4	7.6	.522
107.6	9.99	8.27	286.6	1.5	173.9	173.8	173.8	4.5	.520
123.3	10.13	8.30	286.7	2.1	178.5	178.4	178.4	6.5	.541
141.4	10.12	8.32	286.6	2.3	177.1	176.9	177.0	7.0	.537
163.3	9.99	8.35	287.4	-1.8	169.9	169.8	169.8	-5.4	.513
178.0	10.04	8.37	287.6	-1.9	171.1	171.0	171.0	-5.7	.517
194.9	10.17	8.38	288.4	-2.3	176.2	176.0	176.1	-6.9	.532
208.1	10.16	8.38	288.1	-2.4	175.8	175.6	175.6	-7.3	.531
220.3	10.15	8.37	287.9	-2.7	176.4	176.2	176.2	-8.2	.533
242.1	10.12	8.33	287.4	-2.7	176.7	176.5	176.5	-8.3	.535
252.6	10.13	8.33	288.0	-2.6	177.2	177.0	177.0	-8.2	.536
268.8	10.13	8.32	289.0	-2.8	178.0	177.8	177.8	-8.6	.537
284.4	10.07	8.29	288.1	-2.8	176.8	176.6	176.6	-8.5	.534
295.7	10.03	8.28	287.6	-2.7	175.1	174.9	174.9	-8.2	.529
311.4	10.14	8.29	287.3	-2.7	179.7	179.4	179.5	-8.4	.544
329.5	10.12	8.29	287.4	-2.5	179.0	178.9	178.9	-7.8	.542
335.2	10.11	8.29	288.1	1.5	178.8	178.7	178.7	4.8	.541
349.9	10.13	8.28	287.9	1.9	179.8	179.7	179.7	6.1	.544

(a-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	10.16	8.28	287.7	.7	181.1	181.0	181.1	2.3	.548
19.7	10.14	8.27	287.1	.6	180.5	180.4	180.5	1.8	.547
32.1	10.14	8.28	287.4	.6	180.1	180.0	180.1	1.9	.546
50.7	10.15	8.29	287.4	.8	180.2	180.1	180.2	2.4	.546
64.4	10.16	8.29	287.5	.6	180.8	180.7	180.7	1.8	.548
79.0	10.10	8.29	287.9	.3	178.2	178.1	178.2	1.0	.539
94.5	10.06	8.29	287.3	.1	176.2	176.1	176.2	.3	.533
107.2	10.08	8.29	286.8	-.1	177.3	177.2	177.3	-.4	.537
124.4	10.15	8.30	286.4	.1	179.5	179.4	179.5	.4	.545
139.6	10.15	8.31	287.1	-.2	178.7	178.6	178.7	-.7	.541
162.1	10.12	8.34	287.8	-4.2	176.2	175.6	175.7	-12.8	.533
171.6	10.11	8.34	287.5	-4.3	175.5	174.9	175.0	-13.1	.531
195.8	10.18	8.36	288.0	-4.8	178.0	177.3	177.4	-14.8	.538
207.8	10.18	8.35	287.8	-4.5	178.1	177.5	177.6	-13.9	.539
220.2	10.16	8.35	288.2	-4.4	177.5	176.9	176.9	-13.6	.536
238.8	10.16	8.34	288.0	-4.8	177.8	177.1	177.2	-14.9	.538
252.5	10.15	8.34	288.1	-4.9	177.8	177.1	177.2	-15.2	.538
267.1	10.15	8.31	287.8	-5.0	179.2	178.4	178.5	-15.8	.542
282.6	10.16	8.29	287.7	-4.9	180.5	179.7	179.8	-15.6	.547
295.3	10.15	8.29	287.6	-4.9	180.5	179.7	179.8	-15.5	.547
312.5	10.16	8.29	287.0	-4.7	180.4	179.7	179.8	-14.3	.547
327.7	10.16	8.28	287.3	-4.8	180.7	180.0	180.1	-15.2	.548
334.0	10.16	8.28	287.4	.4	181.0	180.9	181.0	1.3	.548
343.5	10.16	8.28	287.4	.6	181.1	181.0	181.1	1.8	.549

TABLE IV. - Continued.

(a) Continued.

(a-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	10.14	8.29	286.9	-1.5	179.6	179.4	179.6	-4.6	.545
20.1	10.15	8.29	287.6	-1.3	180.2	180.0	180.2	-4.1	.546
32.2	10.14	8.29	286.9	-1.4	179.7	179.4	179.6	-4.2	.545
52.6	10.15	8.29	287.2	-1.2	179.9	179.7	179.9	-3.7	.545
63.5	10.15	8.29	286.8	-1.2	179.9	179.7	179.9	-3.6	.546
78.1	10.13	8.28	287.2	-1.2	179.5	179.2	179.4	-3.8	.544
94.8	10.12	8.29	286.9	-1.2	178.8	178.6	178.8	-3.8	.542
107.4	10.15	8.29	286.3	-1.5	179.5	179.3	179.5	-4.6	.545
123.1	10.15	8.31	286.9	-1.5	179.3	179.0	179.2	-4.8	.543
138.5	10.16	8.32	285.8	-1.7	178.5	178.2	178.4	-5.3	.542
154.9	10.15	8.33	288.5	-5.6	178.2	177.2	177.4	-17.3	.538
178.1	10.16	8.33	288.1	-5.9	178.5	177.4	177.6	-18.3	.540
195.1	10.17	8.36	287.9	-6.1	177.5	176.3	176.5	-18.8	.537
208.2	10.15	8.36	288.3	-6.0	177.1	176.0	176.2	-18.5	.535
220.3	10.16	8.35	288.3	-6.1	177.6	176.4	176.6	-18.9	.537
240.7	10.17	8.33	288.8	-6.0	179.1	177.9	178.1	-18.6	.541
251.6	10.17	8.32	289.0	-5.9	179.5	178.4	178.6	-18.5	.542
266.2	10.16	8.30	288.4	-5.9	180.3	179.1	179.3	-18.6	.545
282.9	10.16	8.30	288.3	-6.1	180.4	179.2	179.4	-19.1	.546
295.5	10.16	8.29	287.8	-6.3	180.5	179.2	179.4	-19.6	.546
311.2	10.16	8.29	287.6	-5.9	180.7	179.6	179.8	-18.6	.547
326.6	10.15	8.29	287.4	-6.0	180.1	178.9	179.1	-18.7	.546
326.8	10.16	8.29	287.6	-1.4	180.6	180.3	180.5	-4.5	.547
350.0	10.15	8.29	287.9	-1.7	180.4	180.1	180.3	-5.2	.546

(a-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	10.15	8.29	287.3	-2.0	180.2	179.8	180.1	-6.2	.546
18.3	10.15	8.29	286.6	-2.0	179.8	179.4	179.7	-6.2	.545
31.5	10.14	8.30	286.6	-2.0	179.1	178.7	179.0	-6.4	.543
51.1	10.15	8.30	287.3	-1.9	179.7	179.3	179.6	-6.0	.544
64.5	10.15	8.30	286.7	-1.9	179.5	179.1	179.4	-5.8	.544
79.1	10.15	8.29	287.2	-2.0	179.7	179.3	179.6	-6.2	.544
95.2	10.12	8.28	287.1	-1.9	179.2	178.8	179.1	-5.9	.543
106.8	10.15	8.28	286.5	-2.4	180.3	179.9	180.1	-7.6	.547
123.4	10.15	8.30	286.0	-2.5	179.3	178.8	179.1	-7.7	.544
137.5	10.15	8.32	286.8	-2.6	178.8	178.3	178.6	-8.2	.542
163.4	10.16	8.32	287.9	-6.2	179.0	177.7	178.0	-19.4	.542
178.4	10.16	8.33	288.3	-6.3	178.8	177.4	177.7	-19.6	.541
195.4	10.17	8.35	288.0	-6.7	177.7	176.3	176.6	-20.6	.537
206.4	10.17	8.35	288.0	-6.5	177.7	176.3	176.5	-20.1	.537
219.6	10.17	8.35	288.2	-6.8	178.2	176.7	177.0	-21.1	.539
239.2	10.17	8.33	288.3	-6.3	179.1	177.7	178.0	-19.6	.541
252.6	10.16	8.33	288.4	-6.6	179.2	177.7	178.0	-20.6	.542
267.2	10.17	8.32	288.4	-6.6	179.9	178.5	178.7	-20.7	.544
283.3	10.16	8.30	288.3	-6.7	180.3	178.8	179.1	-21.0	.545
294.9	10.16	8.30	288.4	-6.7	180.7	179.2	179.4	-21.0	.546
311.5	10.17	8.29	288.0	-6.5	181.1	179.7	180.0	-20.6	.548
325.6	10.16	8.30	287.7	-6.6	179.9	178.4	178.7	-20.8	.545
335.3	10.16	8.31	287.2	-2.1	179.5	179.1	179.4	-6.5	.544
350.3	10.15	8.29	287.1	-2.1	180.4	180.0	180.3	-6.6	.547

TABLE IV. - Continued.

(a) Continued.

(a-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
20.4	10.16	8.35	286.4	-5.9	177.1	175.2	176.1	-18.1	.537
31.9	10.16	8.34	286.5	-5.8	177.3	175.5	176.4	-17.9	.538
50.8	10.15	8.35	286.7	-5.6	176.8	175.1	176.0	-17.1	.536
63.5	10.14	8.36	287.2	-5.6	175.9	174.1	175.1	-17.0	.532
79.3	10.14	8.35	286.9	-5.5	176.4	174.7	175.6	-16.8	.534
95.3	10.13	8.34	286.7	-5.6	176.3	174.5	175.5	-17.1	.534
107.2	10.13	8.34	286.4	-5.7	176.3	174.5	175.5	-17.3	.534
119.5	10.14	8.34	287.2	-6.0	176.8	174.9	175.9	-18.3	.535
139.2	10.15	8.35	287.0	-6.3	176.7	174.7	175.6	-19.3	.535
163.9	10.14	8.36	287.9	-10.4	176.1	172.3	173.2	-31.7	.532
180.1	10.14	8.37	288.0	-10.8	175.8	171.8	172.7	-32.8	.531
186.9	10.14	8.37	288.1	-10.5	175.6	171.8	172.7	-31.9	.531
208.5	10.14	8.39	288.2	-10.5	174.9	171.0	172.0	-31.6	.528
220.0	10.14	8.38	288.6	-10.2	175.1	171.4	172.3	-30.8	.528
238.9	10.14	8.37	288.5	-10.3	176.0	172.2	173.1	-31.3	.531
251.6	10.14	8.37	288.5	-10.3	175.6	171.9	172.8	-31.3	.530
267.4	10.14	8.36	288.9	-10.6	176.0	172.1	173.1	-32.1	.531
283.4	10.14	8.35	288.8	-10.4	176.8	173.0	173.9	-31.8	.534
295.3	10.14	8.35	288.1	-10.5	176.7	172.8	173.8	-32.0	.534
307.6	10.14	8.35	288.0	-10.2	176.8	173.1	174.0	-31.1	.534
327.3	10.15	8.35	287.8	-10.4	176.8	173.0	173.9	-31.6	.535
335.8	10.16	8.35	286.9	-6.2	177.0	175.1	176.0	-18.9	.536
352.0	10.15	8.35	287.4	-6.1	177.1	175.1	176.1	-18.8	.536
358.8	10.16	8.35	287.0	-5.9	177.3	175.5	176.4	-18.1	.537

(a-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	10.02	8.49	286.4	-13.4	163.3	156.4	159.0	-37.4	.493
19.5	9.98	8.49	286.1	-13.1	161.4	154.8	157.4	-36.0	.487
31.9	10.00	8.49	286.5	-12.4	162.1	155.8	158.4	-34.3	.489
51.3	9.98	8.49	286.4	-11.3	161.4	155.8	158.4	-31.1	.487
63.5	10.00	8.49	286.6	-10.5	161.9	156.7	159.3	-29.1	.489
79.3	9.99	8.49	286.3	-11.1	161.5	156.1	158.6	-30.5	.487
95.7	10.00	8.49	286.8	-10.9	162.3	156.9	159.5	-30.1	.489
108.7	10.00	8.50	286.6	-11.1	161.9	156.4	159.0	-30.8	.488
115.2	10.00	8.50	287.0	-11.3	161.8	156.2	158.8	-31.2	.488
138.7	9.96	8.50	286.5	-12.3	159.9	153.8	156.4	-33.5	.482
163.4	9.97	8.50	287.7	-17.9	160.2	150.2	152.7	-48.6	.482
178.6	10.06	8.51	288.0	-18.4	164.4	153.8	156.3	-51.1	.495
195.3	10.11	8.52	288.0	-19.0	166.0	154.7	157.3	-53.2	.500
207.6	10.13	8.53	287.6	-19.1	166.5	155.1	157.7	-53.6	.502
220.0	10.13	8.52	288.4	-19.1	167.0	155.6	158.1	-53.8	.503
239.4	10.12	8.51	288.5	-19.6	167.1	155.2	157.7	-55.3	.503
251.6	10.14	8.51	288.7	-19.5	168.5	156.6	159.1	-55.5	.507
267.4	10.13	8.49	288.1	-20.3	168.8	156.1	158.7	-57.7	.509
283.8	10.12	8.49	288.5	-20.1	168.3	155.8	158.3	-57.1	.507
296.8	10.13	8.50	288.6	-20.0	168.4	156.0	158.6	-56.8	.507
303.3	10.13	8.49	288.4	-19.8	168.7	156.4	158.9	-56.4	.508
326.8	10.11	8.49	288.4	-19.2	168.0	156.4	158.9	-54.5	.506
335.3	10.09	8.49	286.5	-13.6	166.5	159.3	161.9	-38.6	.503
350.5	10.01	8.49	286.3	-13.5	162.8	155.8	158.4	-37.4	.491

TABLE IV. - Continued.

(a) Continued.

(a-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	18.60	14.53	369.2	62.0	224.9	105.7	105.7	198.5	.605
20.2	18.59	14.51	370.8	62.0	225.7	105.8	105.8	199.3	.606
33.2	18.28	14.47	367.6	60.1	218.6	109.0	109.0	189.4	.588
49.6	18.56	14.49	372.5	59.5	226.1	114.9	114.9	194.7	.605
64.5	18.65	14.49	372.5	57.8	228.3	121.6	121.6	193.3	.612
76.6	18.49	14.47	371.3	59.3	224.7	114.6	114.6	193.3	.603
93.1	18.52	14.50	371.6	58.4	224.7	117.8	117.8	191.3	.602
110.5	18.73	14.51	371.2	57.8	229.1	122.1	122.1	193.9	.615
129.4	18.85	14.57	361.2	57.2	226.8	123.0	123.0	190.6	.618
148.9	18.89	14.52	362.2	57.9	229.5	121.8	121.8	194.5	.625
163.1	18.98	14.54	361.2	58.2	230.7	121.4	121.4	196.2	.629
177.3	18.96	14.53	362.7	56.7	231.0	126.9	126.9	193.0	.629
190.1	18.91	14.51	360.9	56.7	230.0	126.2	126.2	192.3	.627
208.2	18.88	14.46	361.0	56.0	230.5	129.0	129.0	191.0	.629
221.2	18.67	14.51	361.2	56.9	224.5	122.7	122.7	188.1	.611
237.6	18.88	14.49	361.9	59.0	230.0	118.5	118.5	197.1	.626
252.5	18.93	14.48	362.4	59.3	231.6	118.3	118.3	199.1	.631
264.6	18.92	14.54	363.7	60.4	230.2	113.8	113.8	200.1	.625
281.1	19.04	14.56	363.5	60.9	232.3	113.0	113.0	203.0	.632
298.5	18.90	14.50	362.7	62.9	230.3	104.9	104.9	205.0	.627
301.4	19.16	14.50	367.3	62.1	237.6	111.3	111.3	209.9	.644
320.9	18.83	14.50	367.1	63.2	230.4	103.9	103.9	205.6	.623
335.1	19.29	14.49	370.8	65.5	241.8	100.4	100.4	220.0	.653
349.3	19.10	14.48	372.6	62.5	238.6	110.2	110.2	211.6	.642

(a-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.9	18.64	14.22	366.5	59.1	234.1	120.3	120.3	200.9	.634
22.2	18.67	14.23	363.5	57.5	233.4	125.4	125.4	196.9	.635
27.4	18.47	14.25	364.1	57.8	228.8	121.9	121.9	193.7	.621
49.1	18.38	14.23	363.1	56.4	226.7	125.5	125.5	188.8	.616
64.5	18.55	14.21	365.4	55.5	232.1	131.6	131.6	191.1	.629
76.5	18.46	14.21	360.7	56.1	228.3	127.5	127.5	189.4	.622
93.3	18.40	14.27	361.5	55.8	225.4	126.6	126.6	186.5	.613
109.0	18.26	14.26	360.0	55.5	222.0	125.9	125.9	182.9	.605
133.3	18.67	14.31	358.5	53.0	229.7	138.3	138.3	183.3	.629
148.6	18.62	14.23	354.9	53.3	228.1	136.4	136.5	182.8	.627
164.7	18.61	14.26	354.1	52.3	227.6	139.3	139.3	180.0	.627
177.9	18.64	14.27	353.5	52.9	228.4	137.9	137.9	182.1	.630
189.9	18.51	14.22	354.4	51.5	227.3	141.4	141.5	177.9	.626
210.2	18.45	14.18	353.4	51.9	226.7	140.0	140.0	178.3	.625
215.4	18.42	14.19	355.1	52.1	226.5	139.3	139.3	178.7	.627
237.1	18.45	14.22	356.1	52.4	226.3	138.2	138.2	179.2	.621
252.5	18.50	14.25	356.9	53.4	226.9	135.1	135.1	182.2	.622
264.5	18.45	14.23	357.1	54.0	226.6	133.3	133.3	183.3	.621
281.3	18.44	14.25	353.2	55.2	225.9	129.1	129.1	185.4	.618
297.0	18.31	14.24	360.1	56.0	223.8	125.1	125.1	185.6	.610
305.3	18.30	14.22	358.1	57.3	223.7	120.7	120.7	188.3	.611
320.6	18.49	14.20	362.9	58.7	230.2	119.7	119.7	196.7	.626
336.7	18.40	14.19	362.2	57.9	228.3	121.4	121.4	193.3	.62
349.9	18.36	14.18	361.9	59.5	227.5	115.5	115.5	196.0	.619

TABLE IV. - Continued.

(a) Continued.

(a-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	18.22	13.76	357.0	54.6	235.0	136.1	136.1	191.5	.646
20.6	18.28	13.77	356.8	54.7	236.0	136.4	136.4	192.6	.649
33.9	18.26	13.79	358.6	56.3	235.6	130.7	130.7	196.1	.646
49.1	18.29	13.81	359.4	56.7	235.9	129.4	129.4	197.2	.646
63.8	18.43	13.82	361.1	55.7	239.2	134.8	134.8	197.6	.654
78.1	18.26	13.79	356.3	55.9	234.8	131.7	131.8	194.3	.646
92.6	18.32	13.85	357.5	55.8	235.1	132.2	132.3	194.3	.646
108.3	18.43	13.88	358.9	55.2	236.7	135.2	135.3	194.2	.649
132.3	18.46	13.90	353.8	50.1	235.3	150.9	150.9	180.5	.650
148.7	18.41	13.87	355.6	50.2	235.7	150.8	150.8	181.1	.649
164.5	18.52	13.89	355.5	50.0	237.5	152.7	152.8	181.9	.655
177.3	18.37	13.88	354.8	49.3	234.3	152.9	153.0	177.5	.646
190.2	18.43	13.83	353.1	49.2	236.3	154.5	154.5	178.8	.654
208.6	18.33	13.78	352.0	49.4	235.1	152.8	152.9	178.6	.651
221.9	18.40	13.86	352.4	50.3	234.6	149.8	149.9	180.5	.649
237.1	18.33	13.85	353.2	49.7	233.6	151.0	151.1	178.2	.645
251.8	18.52	13.89	354.0	49.8	236.9	152.9	153.0	181.0	.655
266.1	18.42	13.84	354.2	50.3	236.1	150.9	150.9	181.6	.652
280.6	18.44	13.81	354.7	50.4	237.5	151.5	151.5	182.9	.656
296.3	18.29	13.81	355.8	50.1	234.8	150.7	150.8	180.0	.647
304.3	18.31	13.80	359.6	54.2	236.7	138.5	138.6	191.9	.648
320.7	18.13	13.77	358.8	54.3	233.2	136.0	136.1	189.4	.639
336.5	18.15	13.72	358.8	53.7	235.3	139.4	139.4	189.5	.645
349.3	18.20	13.75	360.3	54.8	236.3	136.3	136.4	193.0	.646

(a-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	18.30	13.47	361.3	54.2	246.8	144.2	144.4	200.2	.677
14.1	18.18	13.45	356.6	56.4	243.1	134.4	134.5	202.5	.671
32.9	18.09	13.47	356.4	57.1	240.4	130.6	130.8	201.8	.663
42.3	18.28	13.43	359.0	56.2	246.6	137.2	137.3	204.8	.679
64.8	18.42	13.48	359.7	55.8	248.2	139.3	139.5	205.3	.683
77.7	18.32	13.47	358.3	56.7	246.3	135.1	135.3	205.8	.678
93.3	18.34	13.52	359.5	56.9	245.5	133.9	134.1	205.7	.675
109.0	18.49	13.54	359.8	57.6	248.1	133.0	133.1	209.3	.682
132.7	18.59	13.55	356.9	51.0	249.0	156.7	156.9	193.3	.688
148.3	18.66	13.57	357.6	51.1	250.0	156.8	157.0	194.6	.690
164.9	18.72	13.58	357.7	50.9	250.9	158.1	158.2	194.8	.693
177.4	18.66	13.56	356.9	50.5	250.1	158.9	159.0	193.0	.691
190.6	18.60	13.51	355.5	50.8	249.7	157.7	157.9	193.4	.691
202.1	18.59	13.45	355.2	50.6	250.9	159.3	159.4	193.7	.695
220.9	18.46	13.50	354.8	50.5	246.8	156.7	156.9	190.5	.683
230.3	18.45	13.54	355.8	51.1	246.0	154.6	154.7	191.3	.680
252.8	18.54	13.55	356.2	49.9	247.5	159.2	159.4	189.4	.684
265.7	18.41	13.52	356.6	50.7	245.9	155.7	155.9	190.2	.679
281.3	18.50	13.51	355.6	50.1	247.8	158.9	159.1	190.0	.686
297.0	18.48	13.52	356.8	50.4	247.6	157.6	157.8	190.9	.684
304.7	18.16	13.50	359.1	55.4	242.2	137.4	137.5	199.4	.665
320.3	18.20	13.46	361.2	54.5	244.7	142.1	142.2	199.1	.671
336.9	18.16	13.44	359.4	55.4	244.0	138.4	138.5	200.8	.670
349.4	18.22	13.43	359.3	55.3	245.4	139.6	139.7	201.7	.675

TABLE IV. - Continued.

(a) Continued.

(a-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETA2	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.56	13.31	355.0	58.1	233.1	123.1	123.4	197.8	.642
21.4	17.64	13.31	354.1	58.1	234.5	124.0	124.2	198.9	.647
33.8	17.65	13.27	355.7	57.7	236.4	126.2	126.4	199.7	.651
50.4	17.73	13.26	356.3	58.2	238.8	125.8	126.1	202.8	.658
64.1	17.73	13.24	354.6	58.2	238.9	125.8	126.0	203.0	.660
77.7	17.75	13.22	356.3	58.6	240.5	125.2	125.4	205.2	.663
92.6	17.70	13.26	357.7	58.6	238.4	124.1	124.4	203.4	.655
107.6	18.08	13.30	358.6	59.8	246.1	123.8	124.0	212.5	.677
128.8	17.94	13.30	354.9	55.0	241.5	138.4	138.6	197.8	.667
149.1	17.95	13.32	355.7	54.3	241.6	140.7	141.0	196.2	.667
160.1	18.07	13.30	356.8	54.5	245.3	142.4	142.7	199.5	.677
175.8	18.12	13.32	356.7	54.4	245.6	143.0	143.3	199.5	.678
190.4	18.12	13.30	355.7	53.2	245.7	147.0	147.3	196.7	.679
209.4	17.94	13.29	354.7	54.8	242.1	139.4	139.6	197.8	.670
221.8	17.99	13.35	355.4	53.7	241.6	142.9	143.2	194.6	.667
238.4	17.93	13.36	355.3	53.6	259.8	142.2	142.4	192.9	.662
252.1	18.06	13.38	355.7	54.2	242.2	141.6	141.9	196.3	.669
265.7	17.92	13.35	356.0	54.1	240.2	140.7	140.9	194.6	.663
280.6	17.97	13.34	356.0	53.9	241.6	142.4	142.6	195.1	.667
295.6	17.99	13.32	356.2	54.4	242.9	141.3	141.6	197.3	.670
300.8	17.72	13.30	355.9	59.2	237.0	121.3	121.5	203.5	.653
321.1	17.58	13.31	356.4	58.1	233.9	123.6	123.9	198.4	.643
332.1	17.60	13.29	356.8	56.9	234.9	128.1	128.4	196.7	.646
347.8	17.65	13.29	356.3	56.9	236.1	128.8	129.0	197.7	.650

(a-26) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETA2	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.5	17.56	13.21	348.3	51.9	234.0	144.1	144.5	184.0	.651
23.3	17.57	13.17	348.5	52.1	235.1	144.3	144.7	185.3	.655
33.8	17.64	13.16	347.9	51.8	236.9	146.3	146.8	185.9	.661
50.0	17.68	13.18	349.1	52.4	237.7	144.8	145.2	188.2	.662
65.6	17.78	13.12	348.7	52.3	241.3	147.5	148.0	190.6	.673
76.9	17.79	13.11	348.5	52.7	241.6	146.4	146.9	191.9	.674
92.6	17.87	13.15	351.6	53.4	243.6	145.1	145.5	195.3	.677
110.7	17.82	13.22	352.2	54.2	240.7	140.5	141.0	195.1	.668
132.5	18.08	13.15	348.5	49.5	246.6	159.9	160.4	187.3	.690
147.2	18.08	13.22	348.9	49.8	244.8	157.7	158.1	186.9	.684
164.1	18.13	13.21	349.9	49.5	246.6	159.9	160.4	187.3	.688
177.3	18.13	13.20	350.7	49.7	247.1	159.6	160.0	188.3	.689
189.5	18.19	13.19	349.5	49.6	248.3	160.7	161.2	188.8	.694
211.3	17.93	13.18	349.4	50.1	243.0	155.7	156.2	186.2	.678
221.8	17.90	13.21	349.2	50.0	241.5	155.1	155.6	184.7	.673
238.0	18.01	13.25	349.7	49.8	242.9	156.6	157.1	185.3	.677
253.6	18.02	13.25	348.8	49.4	242.8	157.9	158.4	184.0	.678
264.9	17.99	13.24	349.1	49.0	242.7	159.0	159.5	183.0	.677
280.6	17.95	13.23	349.8	49.9	242.0	155.8	156.2	184.9	.674
298.7	17.95	13.20	349.0	50.3	242.7	154.8	155.3	186.5	.677
304.5	17.64	13.19	350.9	52.9	237.2	142.8	143.3	189.0	.658
319.2	17.57	13.21	348.6	52.3	234.2	143.0	143.4	185.2	.652
336.1	17.64	13.19	349.2	51.6	236.5	146.7	147.1	185.2	.658
349.3	17.72	13.15	349.3	52.2	239.4	146.7	147.1	188.8	.667

TABLE IV. - Continued.

(a) Continued.

(a-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.4	17.28	13.02	344.5	50.4	231.9	147.7	148.4	178.2	.649
20.0	17.32	13.02	344.1	51.3	232.7	145.4	146.1	181.1	.652
33.7	17.38	12.99	344.0	50.6	235.0	148.7	149.4	181.3	.659
48.3	17.23	12.91	343.6	51.2	233.8	146.3	147.0	181.8	.656
63.8	17.24	12.94	344.1	51.3	233.2	145.6	146.3	181.7	.653
76.5	17.30	12.94	342.7	52.2	234.0	143.2	143.9	184.5	.657
93.7	17.27	12.95	346.1	51.8	234.3	144.6	145.3	183.9	.655
108.9	17.39	13.00	346.5	52.3	235.5	143.8	144.5	186.0	.658
131.3	17.67	13.01	345.3	47.7	240.9	161.7	162.5	177.9	.676
140.8	17.65	13.01	344.6	47.6	240.5	161.9	162.7	177.2	.675
165.0	17.75	13.01	345.6	47.6	242.9	163.3	164.1	179.1	.681
177.0	17.78	13.00	346.1	47.5	243.8	164.4	165.2	179.2	.684
189.4	17.74	12.99	346.0	47.8	243.4	163.2	164.0	179.9	.683
208.0	17.74	12.96	344.2	47.6	243.5	163.9	164.7	179.3	.685
221.7	17.73	12.95	344.0	47.6	243.4	163.9	164.7	179.3	.685
236.3	17.55	12.98	344.1	47.2	239.0	162.1	162.9	174.9	.671
251.8	17.60	12.99	344.5	47.4	239.8	162.0	162.8	176.1	.673
264.5	17.65	12.99	343.3	47.6	240.6	161.9	162.6	177.3	.677
281.7	17.58	12.98	344.8	46.5	239.7	164.5	165.3	173.6	.673
296.9	17.54	12.98	344.6	46.8	239.0	163.3	164.0	173.9	.671
303.3	17.42	12.98	344.7	50.9	236.3	148.8	149.5	183.0	.662
312.8	17.35	12.99	345.1	50.6	234.5	148.6	149.3	180.8	.656
337.0	17.35	13.03	345.5	50.8	233.6	147.5	148.2	180.7	.653
349.0	17.42	13.03	343.7	50.6	234.6	148.8	149.5	180.8	.658

(a-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.5	16.89	13.71	340.0	60.1	198.8	99.1	99.2	172.3	.554
21.9	16.95	13.70	340.3	59.9	200.8	100.7	100.8	173.7	.560
32.8	16.95	13.79	339.9	60.0	197.7	98.9	99.0	171.2	.551
47.4	16.90	13.77	338.1	59.7	196.4	99.1	99.2	169.6	.549
64.1	16.91	13.75	339.4	60.1	197.6	98.3	98.4	171.3	.551
76.7	16.98	13.75	339.7	60.3	199.9	98.9	99.0	173.7	.558
92.4	16.97	13.78	338.9	60.6	198.1	97.3	97.4	172.5	.553
107.8	17.08	13.82	340.3	60.6	200.3	98.3	98.4	174.5	.558
124.1	17.20	13.84	340.9	58.2	202.9	106.9	107.0	172.4	.566
147.3	17.23	13.84	340.4	58.8	203.7	105.4	105.5	174.3	.568
164.3	17.25	13.85	341.0	58.1	204.2	107.9	108.0	173.3	.569
177.4	17.28	13.82	341.4	58.7	205.9	106.9	107.0	176.0	.574
189.5	17.28	13.79	340.5	58.1	206.6	109.0	109.2	175.4	.577
209.9	17.25	13.74	340.3	57.7	207.3	110.9	111.0	175.1	.579
220.8	17.22	13.70	339.7	58.0	207.9	110.0	110.1	176.4	.582
235.4	17.22	13.72	339.0	58.2	206.8	109.1	109.2	175.6	.579
252.1	17.25	13.74	339.7	58.0	207.5	109.9	110.0	175.9	.580
264.7	17.20	13.75	340.7	58.8	206.0	106.6	106.7	176.2	.575
280.4	17.16	13.75	339.8	58.3	204.3	107.7	107.8	174.2	.572
295.8	17.16	13.74	339.4	58.2	204.7	107.9	108.0	174.0	.572
296.1	17.03	13.74	340.1	60.4	201.7	99.6	99.7	175.3	.563
319.3	17.02	13.74	341.0	60.1	201.8	100.6	100.7	174.9	.562
336.3	17.02	13.73	339.9	59.9	201.3	101.0	101.1	174.1	.562
349.4	16.93	13.72	340.4	60.0	199.6	99.8	99.9	172.8	.556

TABLE IV. - Continued.

(a) Continued.

(a-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
.8	16.91	13.19	340.7	55.2	216.6	123.7	123.8	177.7	.607
20.4	16.92	13.16	341.3	55.2	217.8	124.4	124.4	178.7	.609
33.8	16.87	13.21	340.4	54.3	214.8	125.2	125.3	174.5	.602
48.4	16.83	13.22	340.3	54.2	213.7	124.9	125.0	173.3	.598
64.5	16.83	13.20	339.6	54.6	214.0	123.9	124.0	174.4	.600
76.1	16.90	13.19	340.9	55.1	216.5	123.8	123.8	177.7	.606
92.7	16.92	13.25	340.3	54.6	215.0	124.5	124.5	175.2	.602
106.8	16.91	13.26	341.7	55.8	214.5	120.7	120.7	177.3	.599
132.6	17.05	13.29	340.1	51.3	216.5	135.5	135.5	168.9	.607
147.6	17.04	13.29	340.6	51.6	216.8	134.6	134.7	169.9	.607
164.6	17.07	13.28	340.7	51.1	217.6	136.5	136.6	169.5	.610
175.6	17.11	13.25	340.4	50.9	219.4	138.3	138.4	170.3	.615
188.8	17.16	13.22	340.4	51.1	221.7	139.2	139.3	172.5	.622
208.4	17.16	13.22	340.1	52.2	221.3	135.5	135.6	175.0	.621
221.8	17.08	13.19	340.4	51.4	220.6	137.5	137.5	172.5	.619
236.4	17.04	13.19	339.5	51.9	219.2	135.3	135.4	172.4	.616
252.5	17.05	13.22	339.4	51.8	218.8	135.3	135.3	171.9	.614
264.1	17.05	13.23	340.3	51.9	218.7	134.9	134.9	172.1	.613
280.7	17.01	13.25	339.7	51.3	216.8	135.6	135.7	169.1	.608
294.8	17.02	13.22	339.5	51.8	218.0	134.9	134.9	171.3	.612
304.6	16.87	13.19	340.4	54.7	215.5	124.6	124.6	175.8	.603
319.6	16.82	13.20	340.0	55.8	213.9	120.4	120.4	176.8	.599
336.6	16.88	13.21	340.5	55.0	215.1	123.4	123.4	176.2	.602
347.6	16.85	13.20	339.8	54.8	214.5	123.7	123.7	175.3	.601

(a-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.2	16.78	12.06	338.3	48.3	247.5	164.6	164.7	184.7	.704
20.1	16.71	12.05	338.4	48.4	246.3	163.6	163.7	184.0	.700
32.8	16.78	12.04	339.3	48.8	248.3	163.5	163.6	186.7	.705
48.6	16.74	12.04	338.4	49.3	247.1	161.1	161.3	187.2	.702
64.6	16.74	12.06	338.3	48.9	246.6	162.2	162.3	185.7	.701
76.5	16.64	12.04	337.9	48.5	244.8	162.1	162.3	183.2	.696
88.8	16.70	12.05	339.2	48.3	246.4	163.9	164.0	183.8	.699
108.5	16.78	12.09	340.1	48.6	247.0	163.1	163.3	185.3	.700
133.1	16.86	12.10	337.4	43.6	247.5	179.1	179.3	170.6	.705
149.3	16.93	12.09	337.9	42.4	249.3	183.9	184.1	168.2	.710
156.1	16.85	12.08	338.1	43.3	248.0	180.4	180.5	170.0	.706
177.7	16.94	12.05	338.1	42.6	250.8	184.5	184.7	169.7	.714
189.2	16.89	12.03	337.7	42.4	250.4	184.7	184.9	168.9	.714
208.1	16.84	12.04	338.2	43.9	249.1	179.5	179.7	172.6	.709
220.8	16.85	12.07	337.5	43.7	248.1	179.4	179.6	171.2	.707
236.6	16.80	12.08	338.1	43.8	247.3	178.5	178.6	171.0	.703
252.6	16.80	12.11	337.3	42.3	245.9	181.9	182.1	165.3	.700
264.5	16.86	12.11	337.5	43.3	247.4	179.9	180.0	169.6	.704
276.8	16.87	12.10	337.4	43.1	247.9	180.9	181.1	169.3	.706
296.5	16.90	12.08	338.1	43.4	249.0	181.0	181.1	170.9	.709
305.1	16.77	12.08	338.8	48.0	246.7	164.9	165.0	183.4	.701
321.3	16.73	12.08	340.0	48.3	246.1	163.5	163.7	183.8	.698
328.1	16.73	12.07	338.5	48.4	245.9	163.1	163.2	183.9	.699
349.7	16.76	12.10	337.9	48.9	245.7	161.6	161.8	184.9	.699

TABLE IV. - Continued.

(a) Continued.

(a-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.2	16.69	11.31	342.5	50.7	269.0	169.5	171.3	207.5	.767
20.6	16.72	11.31	342.2	50.5	269.4	170.6	172.4	207.1	.768
32.8	16.74	11.27	342.8	50.8	271.2	170.7	172.4	209.3	.773
48.6	16.70	11.19	341.4	51.2	272.2	169.7	171.5	211.4	.778
65.0	16.72	11.21	341.9	51.1	272.3	170.2	171.9	211.2	.778
78.0	16.73	11.20	342.1	50.8	272.7	171.6	173.4	210.5	.779
84.5	16.78	11.19	341.7	51.3	273.8	170.4	172.1	213.0	.783
108.0	16.90	11.22	341.9	50.9	275.4	172.8	174.6	213.0	.788
132.6	16.73	11.25	340.3	45.4	270.7	189.2	191.2	191.7	.775
147.8	16.73	11.25	340.6	45.4	270.7	189.0	190.9	191.9	.774
164.5	16.53	11.27	340.8	45.1	266.3	186.9	188.8	187.8	.760
176.8	16.43	11.29	339.9	44.9	263.5	185.7	187.6	185.0	.752
189.2	16.58	11.30	340.0	44.6	262.0	185.6	187.5	183.1	.748
208.6	16.27	11.33	340.1	44.7	259.1	183.3	185.1	181.2	.738
220.8	16.38	11.37	340.1	46.2	260.1	179.1	180.9	186.9	.741
236.6	16.26	11.37	339.4	45.7	257.3	178.9	180.7	183.2	.733
253.0	16.30	11.39	340.7	44.5	258.0	183.0	184.9	180.0	.734
266.0	16.24	11.40	340.3	44.8	256.3	180.9	182.7	179.8	.729
272.5	16.25	11.40	340.1	45.2	256.7	179.8	181.7	181.3	.730
296.0	16.23	11.35	339.3	43.8	257.3	184.8	186.6	177.1	.734
304.6	16.73	11.33	342.7	51.2	269.4	168.2	169.9	209.1	.768
319.8	16.70	11.31	342.7	51.0	269.3	168.8	170.5	208.4	.767
336.5	16.71	11.31	342.2	51.2	269.3	168.1	169.8	209.0	.768
348.8	16.70	11.33	341.5	50.6	268.5	169.8	171.5	206.6	.766

(a-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	18.34	14.69	363.9	-5	211.9	211.1	211.9	-1.8	.572
21.5	18.32	14.72	364.2	.0	210.6	209.9	210.6	.0	.568
35.7	18.27	14.68	366.0	-5	211.0	210.2	211.0	-2.0	.568
48.5	18.06	14.66	366.1	-9	206.4	205.6	206.3	-3.2	.554
66.6	18.03	14.67	364.9	-7	204.9	204.2	204.9	-2.5	.551
79.6	18.13	14.69	364.9	-3	206.8	206.1	206.8	-.9	.557
96.0	18.20	14.69	368.1	-9	209.4	208.6	209.4	-3.4	.561
110.9	18.07	14.66	366.4	-1.3	206.6	205.9	206.6	-4.6	.555
123.0	18.15	14.65	365.5	-1.4	208.6	207.8	208.6	-4.9	.561
139.5	18.12	14.66	363.9	-1.0	207.3	206.6	207.3	-3.5	.559
156.9	18.05	14.66	363.2	-1.2	205.3	204.5	205.2	-4.3	.554
167.8	17.97	14.65	363.1	-8	203.3	202.6	203.3	-2.8	.548
187.3	18.01	14.64	362.7	-5	204.4	203.7	204.4	-1.7	.552
201.5	18.01	14.64	362.1	-5	204.4	203.6	204.4	-1.6	.552
215.7	17.97	14.67	360.9	-3	202.1	201.4	202.1	-1.2	.546
223.5	17.93	14.68	359.8	-3	200.2	199.5	200.2	-1.0	.542
246.6	17.89	14.68	358.2	-4	198.9	198.2	198.9	-1.4	.539
259.6	17.93	14.69	358.3	-5	200.5	199.7	200.5	-1.7	.544
276.0	18.06	14.68	359.7	-2	203.6	202.9	203.6	-.6	.552
290.9	18.05	14.69	360.5	-1	203.6	202.9	203.6	-.4	.551
303.0	17.98	14.70	360.2	-0	201.4	200.6	201.4	-.2	.545
319.5	17.93	14.70	361.3	-0	200.4	199.7	200.4	-.1	.541
336.9	17.66	14.71	361.9	-7	192.3	191.7	192.3	-2.4	.518
347.8	18.11	14.71	362.8	-8	205.1	204.4	205.1	-3.0	.553

TABLE IV. - Continued.

(a) Continued.

(a-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	18.07	14.66	361.2	-2.0	205.1	204.2	205.0	-7.0	.555
23.1	18.09	14.67	362.0	-2.3	205.7	204.8	205.5	-8.1	.556
36.3	18.11	14.65	360.9	-2.6	206.3	205.4	206.1	-9.2	.559
48.3	18.19	14.63	363.1	-1.7	209.7	208.8	209.6	-6.2	.566
68.6	18.09	14.65	361.9	-2.1	206.1	205.2	205.9	-7.5	.557
73.8	18.12	14.67	361.1	-1.7	206.3	205.5	206.2	-6.0	.558
95.5	18.20	14.68	363.7	-2.0	208.6	207.8	208.5	-7.2	.563
110.9	18.15	14.65	363.0	-1.8	208.1	207.2	208.0	-6.6	.562
122.9	18.18	14.65	361.7	-2.4	208.5	207.6	208.3	-8.8	.564
139.7	18.06	14.66	359.0	-1.9	204.5	203.6	204.3	-6.9	.555
155.4	18.04	14.64	359.0	-2.3	204.4	203.5	204.2	-8.0	.554
171.7	18.12	14.65	358.7	-1.1	206.0	205.3	206.0	-3.9	.559
187.0	18.11	14.64	359.0	-1.1	206.3	205.5	206.3	-3.8	.560
203.1	18.04	14.62	357.4	-1.1	204.5	203.7	204.4	-3.8	.556
216.3	18.00	14.64	356.4	-1.1	202.8	202.0	202.7	-4.1	.552
228.3	17.95	14.66	354.8	-1.1	200.0	199.3	200.0	-4.0	.545
248.6	17.97	14.66	354.1	-1.2	200.7	199.9	200.6	-4.2	.548
253.8	18.02	14.65	355.0	-1.1	202.5	201.7	202.4	-4.0	.552
275.5	18.02	14.64	355.6	-1.1	202.9	202.2	202.9	-3.9	.553
290.9	18.06	14.65	356.4	-1.0	203.7	202.9	203.6	-3.6	.555
302.9	18.03	14.67	356.4	-.9	202.4	201.6	202.4	-3.3	.551
319.7	18.04	14.66	357.3	-.8	203.3	202.6	203.3	-2.7	.553
335.4	17.85	14.67	358.7	-.5	198.4	197.7	198.4	-1.7	.538
351.7	18.13	14.67	359.7	-2.1	206.1	205.2	205.9	-7.6	.559

(a-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	17.85	14.64	356.8	-2.3	198.6	197.7	198.5	-7.9	.540
22.9	17.84	14.64	355.7	-2.7	198.2	197.2	198.0	-9.3	.539
35.7	17.96	14.63	358.2	-2.8	202.4	201.4	202.2	-9.8	.549
48.6	17.89	14.63	357.0	-2.4	200.1	199.2	199.9	-8.4	.544
67.0	17.93	14.69	356.8	-2.4	199.2	198.3	199.1	-8.2	.541
80.3	18.00	14.70	356.9	-2.6	200.6	199.7	200.4	-9.1	.545
95.5	18.13	14.69	359.2	-2.3	205.1	204.2	205.0	-8.0	.556
110.2	18.07	14.70	358.3	-2.6	203.0	202.0	202.8	-9.1	.551
124.5	18.20	14.70	358.8	-2.4	206.6	205.6	206.4	-8.6	.561
139.0	18.13	14.69	356.2	-2.6	204.4	203.5	204.2	-9.1	.557
154.7	18.11	14.68	355.7	-2.8	203.9	202.9	203.7	-10.0	.556
170.7	18.11	14.67	354.9	-.4	204.1	203.3	204.1	-1.4	.557
187.1	18.06	14.67	355.3	-.7	202.8	202.0	202.7	-2.3	.553
202.9	18.11	14.67	355.1	-.7	204.3	203.5	204.3	-2.6	.557
215.7	18.09	14.67	354.3	-.7	203.3	202.5	203.3	-2.5	.555
228.6	17.99	14.68	353.5	-.9	200.3	199.5	200.2	-3.2	.547
247.0	17.92	14.64	352.4	-.9	199.3	198.5	199.3	-3.1	.545
260.3	17.94	14.62	353.6	-.8	201.0	200.2	201.0	-2.9	.549
275.5	17.97	14.62	354.2	-1.0	201.9	201.1	201.9	-3.6	.551
290.2	17.98	14.63	353.9	-1.0	201.6	200.8	201.6	-3.6	.551
304.5	17.88	14.65	353.7	-1.1	198.4	197.6	198.3	-3.8	.541
319.0	17.95	14.65	354.3	-1.1	200.4	199.6	200.4	-3.7	.547
334.7	17.71	14.64	354.4	-1.0	194.0	193.2	194.0	-3.5	.528
350.7	17.84	14.64	356.4	-2.6	198.4	197.4	198.2	-8.9	.539

TABLE IV. - Continued.

(a) Continued.

(a-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.7	17.54	14.60	351.3	-2.6	190.0	189.0	189.8	-8.6	.519
23.3	17.53	14.60	351.5	-2.7	189.4	188.5	189.2	-8.8	.517
35.8	17.63	14.60	350.9	-1.8	192.3	191.4	192.2	-5.9	.526
49.0	17.64	14.57	352.1	-2.5	193.8	192.9	193.6	-8.4	.530
60.5	17.58	14.57	351.1	-2.3	192.0	191.0	191.8	-7.7	.525
79.3	17.58	14.65	352.5	-2.5	189.6	188.7	189.4	-8.1	.517
88.7	17.73	14.66	354.3	-2.5	194.0	193.0	193.8	-8.5	.528
111.2	17.68	14.64	352.8	-2.5	193.0	192.1	192.9	-8.3	.527
124.1	17.83	14.63	354.2	-2.4	197.6	196.6	197.4	-8.4	.539
139.7	17.89	14.63	353.8	-2.5	199.5	198.5	199.3	-8.6	.545
155.4	17.81	14.61	353.6	-2.0	197.5	196.6	197.4	-6.8	.539
171.1	17.80	14.62	350.5	-1.2	196.3	195.4	196.2	-4.2	.538
186.7	17.81	14.62	351.6	-1.3	196.9	196.0	196.8	-4.4	.539
203.3	17.80	14.61	351.2	-1.3	196.5	195.7	196.5	-4.3	.538
215.8	17.78	14.61	350.8	-1.2	196.0	195.2	196.0	-3.9	.537
229.0	17.68	14.61	349.5	-1.1	193.0	192.2	193.0	-3.7	.529
240.5	17.64	14.59	349.4	-1.3	192.5	191.7	192.4	-4.5	.528
259.3	17.65	14.56	350.4	-1.4	194.2	193.4	194.2	-4.7	.532
268.7	17.66	14.57	351.3	-1.3	194.2	193.4	194.2	-4.2	.531
291.2	17.63	14.57	350.7	-1.4	193.1	192.3	193.0	-4.7	.529
304.1	17.59	14.58	350.4	-1.4	191.9	191.1	191.9	-4.7	.526
319.7	17.64	14.58	350.4	-1.2	193.1	192.3	193.1	-4.1	.529
335.4	17.45	14.57	349.6	-1.6	187.8	186.9	187.7	-5.3	.514
351.1	17.56	14.60	351.1	-2.2	190.5	189.6	190.3	-7.2	.521

(a-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	17.28	14.53	348.3	-3.3	184.0	182.9	183.6	-10.6	.504
18.5	17.33	14.54	347.9	-2.8	185.0	184.0	184.8	-9.0	.507
34.2	17.39	14.56	348.2	-3.2	186.0	184.9	185.7	-10.3	.510
48.8	17.32	14.56	347.0	-3.2	183.5	182.5	183.2	-10.2	.504
67.8	17.36	14.59	347.6	-3.1	183.9	182.9	183.7	-10.1	.505
80.2	17.39	14.57	348.3	-3.0	185.7	184.6	185.4	-9.7	.509
96.8	17.53	14.58	350.1	-3.0	189.8	188.8	189.6	-9.9	.520
110.5	17.47	14.59	349.7	-2.8	187.8	186.8	187.6	-9.2	.514
124.1	17.59	14.59	351.8	-2.7	191.8	190.8	191.6	-9.1	.524
139.0	17.68	14.59	351.4	-2.4	194.2	193.2	194.0	-8.2	.531
154.0	17.60	14.58	350.6	-2.3	192.1	191.1	191.9	-7.8	.526
167.2	17.53	14.58	347.4	-2.3	189.2	188.2	189.0	-7.5	.520
187.5	17.57	14.57	348.4	-2.2	191.0	190.1	190.9	-7.2	.524
198.5	17.63	14.57	348.8	-2.3	192.7	191.7	192.6	-7.8	.529
214.2	17.59	14.60	348.1	-2.2	190.5	189.6	190.4	-7.3	.523
228.8	17.56	14.61	348.6	-2.2	189.5	188.6	189.4	-7.2	.520
247.8	17.50	14.52	347.3	-2.2	190.4	189.4	190.2	-7.4	.523
260.2	17.47	14.49	348.1	-2.2	190.8	189.8	190.6	-7.2	.524
276.8	17.52	14.53	348.1	-2.3	190.7	189.7	190.5	-7.6	.524
290.5	17.50	14.54	348.4	-2.3	190.1	189.1	189.9	-7.7	.522
304.1	17.42	14.54	348.1	-2.4	187.7	186.8	187.6	-7.9	.515
319.0	17.52	14.54	348.3	-2.3	190.3	189.4	190.2	-7.5	.523
334.0	17.36	14.55	347.2	-2.1	185.3	184.4	185.1	-6.7	.509
347.2	17.29	14.56	348.1	-3.3	183.3	182.2	183.0	-10.4	.502

TABLE IV. - Continued.

(a) Continued.

(a-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
5.6	17.11	14.56	345.2	-2.7	176.8	175.8	176.6	-8.3	.486
22.5	17.10	14.54	344.5	-2.9	177.0	176.0	176.8	-8.8	.487
35.7	17.23	14.54	345.9	-2.8	181.4	180.4	181.2	-8.9	.499
47.9	17.18	14.53	344.3	-3.0	179.7	178.7	179.5	-9.4	.495
69.7	17.14	14.58	344.7	-3.2	176.8	175.7	176.5	-9.9	.486
80.2	17.22	14.58	345.8	-2.8	179.6	178.6	179.4	-8.8	.493
96.4	17.32	14.55	347.2	-2.9	184.1	183.1	183.9	-9.4	.505
112.0	17.25	14.54	346.8	-3.0	182.2	181.2	182.0	-9.4	.500
123.3	17.37	14.55	347.3	-2.9	185.6	184.6	185.4	-9.2	.510
139.0	17.44	14.55	347.7	-2.5	187.7	186.7	187.6	-8.1	.515
157.1	17.35	14.56	347.5	-2.7	184.5	183.5	184.3	-8.5	.506
170.9	17.25	14.56	344.4	-1.4	180.9	180.1	180.9	-4.4	.498
185.6	17.35	14.57	345.0	-1.4	183.7	182.8	183.6	-4.4	.506
202.5	17.39	14.57	346.1	-1.6	185.1	184.2	185.0	-5.2	.509
215.7	17.40	14.56	345.8	-1.8	185.7	184.8	185.6	-5.9	.511
227.9	17.32	14.57	345.4	-1.8	183.1	182.2	183.0	-5.7	.504
249.7	17.27	14.51	344.8	-1.6	183.3	182.4	183.2	-5.2	.505
260.2	17.28	14.50	345.2	-1.7	184.2	183.3	184.1	-5.3	.507
276.4	17.30	14.51	345.7	-1.7	184.4	183.5	184.3	-5.5	.507
292.0	17.31	14.51	345.8	-1.7	184.8	183.9	184.7	-5.4	.508
303.3	17.24	14.52	345.7	-1.6	182.3	181.5	182.3	-5.2	.501
319.0	17.31	14.53	345.3	-1.6	183.9	183.1	183.9	-5.1	.506
337.1	17.19	14.54	343.9	-1.6	179.8	179.0	179.8	-4.9	.496
350.9	17.13	14.54	345.8	-2.6	178.3	177.3	178.1	-8.0	.490

(a-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
23.4	16.63	14.48	341.1	.1	163.3	162.5	163.3	.4	.450
35.4	16.64	14.49	340.9	.2	163.1	162.4	163.1	.6	.450
47.8	16.61	14.50	340.5	-.1	161.6	160.9	161.6	-.3	.446
66.4	16.66	14.51	340.4	-.2	162.5	161.7	162.5	-.7	.448
80.1	16.67	14.51	341.0	-.1	163.3	162.5	163.3	-.3	.450
94.7	16.71	14.50	342.0	-.2	165.1	164.3	165.1	-.5	.454
110.2	16.72	14.51	342.0	-.5	165.1	164.3	165.1	-1.5	.454
122.9	16.80	14.51	343.2	-.5	167.9	167.1	167.9	-1.4	.462
140.1	16.84	14.52	343.6	-.5	169.0	168.2	169.0	-1.5	.465
155.3	16.83	14.52	343.5	-.6	169.0	168.2	169.0	-1.7	.465
169.7	16.68	14.48	340.5	.7	164.5	163.7	164.4	2.0	.454
179.2	16.74	14.47	340.7	.5	166.9	166.1	166.9	1.4	.461
203.4	16.80	14.50	341.3	.7	168.2	167.4	168.2	2.0	.464
215.4	16.82	14.52	341.3	.9	168.0	167.2	168.0	2.5	.463
227.8	16.78	14.52	340.4	1.2	166.2	165.4	166.2	3.4	.459
246.4	16.75	14.45	340.4	1.3	168.0	167.2	168.0	3.7	.464
260.1	16.71	14.45	340.3	1.1	166.8	166.0	166.8	3.3	.461
274.7	16.70	14.46	340.3	1.3	165.9	165.1	165.9	3.7	.458
290.2	16.72	14.47	341.2	1.2	166.5	165.6	166.4	3.4	.459
302.9	16.70	14.48	340.7	1.1	165.6	164.7	165.5	3.2	.457
320.1	16.74	14.50	340.6	1.1	165.8	165.0	165.8	3.1	.457
335.3	16.64	14.51	339.6	1.0	162.1	161.3	162.0	2.9	.447
349.7	16.63	14.49	340.7	.0	162.5	161.7	162.5	.1	.448
359.2	16.62	14.49	340.6	.1	161.9	161.2	161.9	.3	.446

TABLE IV. - Continued.

(a) Concluded.

(a-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	16.47	13.74	336.2	14.8	184.5	176.8	178.5	46.9	.515
24.8	16.46	13.71	336.2	14.8	185.6	177.8	179.5	47.1	.518
42.9	16.47	13.64	336.4	14.9	188.0	180.1	181.9	47.8	.525
55.9	16.43	13.73	336.4	14.8	183.9	176.2	177.9	46.7	.513
72.3	16.44	13.67	336.5	14.9	186.3	178.5	180.2	47.3	.520
87.2	16.49	13.68	336.6	14.9	187.5	179.6	181.3	47.6	.524
99.3	16.46	13.61	336.7	14.9	188.9	181.0	182.7	48.0	.528
115.8	16.53	13.71	336.7	14.9	187.4	179.6	181.3	47.6	.523
133.2	16.59	13.66	336.9	14.9	191.2	183.2	185.0	48.6	.534
324.1	16.48	13.67	335.9	14.9	187.2	179.3	181.1	47.6	.523
343.6	16.51	13.73	336.0	14.8	186.0	178.1	179.9	47.2	.520
357.8	16.49	13.72	336.1	14.9	185.9	178.1	179.8	47.2	.519

(a-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
54.0	16.31	13.32	333.7	11.7	194.2	188.8	190.3	39.0	.546
73.5	16.25	13.31	333.7	11.7	192.6	187.2	188.7	38.6	.541
87.7	16.21	13.32	333.6	11.6	191.3	186.0	187.4	38.3	.537
101.9	16.16	13.30	333.5	11.6	190.6	185.3	186.8	38.2	.535
114.7	16.23	13.34	333.5	11.7	191.1	185.7	187.2	38.4	.537
132.8	16.18	13.33	333.4	11.7	190.0	184.7	186.1	38.1	.534
145.8	16.11	13.29	333.4	11.6	189.5	184.2	185.6	37.9	.532
162.2	16.16	13.29	333.8	11.6	190.8	185.5	186.9	38.2	.536
177.1	16.22	13.28	333.9	11.6	193.0	187.6	189.1	38.6	.542
189.2	16.23	13.30	334.4	11.6	192.6	187.2	188.7	38.6	.541
205.7	16.23	13.28	334.7	11.6	193.6	188.1	189.6	38.7	.543
223.1	16.17	13.29	334.2	11.6	191.4	186.1	187.6	38.3	.537

(a-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.7	15.62	12.94	334.4	6.7	187.6	185.0	186.4	21.8	.526
30.1	15.62	12.94	334.2	6.7	187.5	184.9	186.3	21.8	.526
221.0	15.43	12.95	333.7	6.7	181.1	178.5	179.8	21.0	.507
240.5	15.54	13.06	332.7	6.7	180.2	177.7	179.0	20.8	.505
254.7	15.51	13.02	333.4	6.7	181.0	178.4	179.8	21.0	.507
268.9	15.49	13.02	333.1	6.7	179.7	177.2	178.5	20.8	.504
281.7	15.49	12.95	334.3	6.7	183.1	180.5	181.9	21.2	.513
299.8	15.59	12.98	333.4	6.7	184.7	182.1	183.5	21.4	.518
312.8	15.66	12.99	334.2	6.7	186.6	183.9	185.3	21.6	.523
329.2	15.68	12.93	334.8	6.7	189.8	187.1	188.5	22.0	.532
344.1	15.63	12.96	334.6	6.7	187.2	184.5	185.9	21.7	.524
356.2	15.63	12.95	334.5	6.7	187.4	184.8	186.2	21.8	.525

TABLE IV. - Continued.

(b) 97 Percent of design speed; reading 785-916

(b-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	9.64	8.32	288.4	-8.3	154.7	153.1	153.1	-22.3	.464
24.5	9.34	8.35	288.8	-5.0	135.1	134.6	134.6	-11.7	.403
37.2	9.49	8.36	290.0	-9.2	144.5	142.6	142.6	-23.2	.431
56.5	9.54	8.42	289.3	-16.9	142.6	136.4	136.4	-41.3	.426
69.2	9.62	8.52	289.2	-13.5	141.0	137.1	137.1	-33.0	.421
84.4	9.62	8.57	290.3	-12.1	137.8	134.8	134.8	-28.8	.410
99.6	9.77	8.60	288.8	-11.3	144.0	141.2	141.2	-28.2	.431
112.5	9.73	8.62	287.4	-8.7	139.7	138.2	138.2	-21.0	.418
128.1	9.82	8.66	288.4	-9.0	142.6	140.9	140.9	-22.3	.426
145.1	9.83	8.66	287.7	-6.2	143.5	142.7	142.7	-15.5	.430
163.0	10.11	8.70	288.0	-5.8	155.8	155.0	155.0	-15.7	.468
179.2	10.06	8.71	288.0	-1.3	152.5	152.5	152.5	-3.3	.458
195.0	10.06	8.71	288.1	1.0	152.9	152.9	152.9	2.6	.459
207.5	10.00	8.70	288.4	5.7	150.3	149.6	149.6	15.0	.451
220.2	9.93	8.68	287.8	7.9	147.7	146.3	146.3	20.2	.443
239.5	9.81	8.65	288.4	8.4	143.5	142.0	142.0	20.8	.429
252.2	9.80	8.58	288.1	8.7	147.1	145.4	145.4	22.3	.441
267.4	9.70	8.51	288.7	11.1	145.9	143.2	143.2	28.1	.437
282.6	9.66	8.48	287.4	12.2	145.5	142.2	142.2	30.8	.436
295.5	9.58	8.44	286.8	14.1	142.9	138.6	138.6	34.8	.429
311.1	9.44	8.40	287.1	16.1	138.0	132.6	132.6	38.3	.413
328.1	9.61	8.37	288.3	12.8	149.3	145.6	145.6	33.0	.447
340.0	9.59	8.34	290.1	3.6	150.8	150.5	150.5	9.3	.451
356.2	9.74	8.30	290.0	.6	161.4	161.4	161.4	1.5	.484

(b-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.3	9.52	8.33	288.2	-5.1	147.0	146.4	146.4	-13.0	.440
24.6	9.77	8.35	289.1	-2.4	160.0	159.9	159.9	-6.7	.480
37.3	10.08	8.35	289.7	-4.5	174.3	173.7	173.7	-13.8	.525
56.5	9.71	8.41	289.1	-9.4	153.4	151.3	151.3	-25.1	.459
69.0	9.75	8.50	288.5	-8.1	149.3	147.8	147.8	-21.0	.447
84.7	9.73	8.54	287.7	-9.8	145.5	143.4	143.4	-24.8	.436
100.3	9.71	8.57	288.3	-8.9	142.2	140.4	140.4	-22.0	.425
112.7	9.78	8.62	288.4	-8.7	143.4	141.7	141.7	-21.6	.429
128.1	10.00	8.64	287.5	-6.4	153.9	153.0	153.0	-17.0	.462
145.0	9.97	8.66	287.1	-5.9	151.3	150.5	150.5	-15.6	.455
163.2	10.01	8.69	287.6	-4.5	151.1	150.7	150.7	-11.8	.454
178.7	10.19	8.70	287.7	-1.6	159.5	159.4	159.4	-4.6	.480
194.3	10.20	8.71	287.9	2.7	159.4	159.2	159.2	7.6	.479
207.6	10.18	8.69	288.2	3.0	159.6	159.4	159.4	8.4	.480
220.3	9.98	8.67	287.6	5.6	151.4	150.7	150.7	14.7	.454
239.5	9.86	8.64	287.2	7.1	146.5	145.4	145.4	18.1	.439
252.0	9.84	8.57	287.0	6.8	149.5	148.4	148.4	17.6	.449
267.7	9.82	8.50	287.0	7.6	152.8	151.4	151.4	20.3	.459
283.3	9.75	8.45	287.2	5.8	151.8	151.0	151.0	15.3	.456
295.7	9.80	8.41	288.0	7.4	157.4	156.1	156.1	20.1	.473
311.1	9.45	8.38	285.8	7.9	139.6	138.3	138.3	19.2	.419
328.0	9.48	8.36	286.4	4.6	142.4	141.9	141.9	11.3	.427
340.2	9.96	8.34	289.9	2.4	169.9	169.7	169.7	7.2	.511
355.7	10.02	8.32	289.4	-1.9	173.8	173.7	173.7	-5.6	.523

TABLE IV. - Continued.

(b) Continued.

(b-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	9.57	8.33	288.7	-0	150.4	150.4	150.4	-0	.450
24.5	9.77	8.34	288.5	.5	159.9	159.9	159.9	1.3	.480
37.6	10.04	8.37	289.4	-1.2	171.6	171.5	171.5	-3.4	.516
56.0	9.78	8.40	288.5	-7	156.7	156.7	156.7	-1.9	.470
68.7	10.00	8.53	290.3	-2	160.6	160.6	160.6	-6	.481
84.3	9.90	8.55	289.4	-2.1	154.2	154.1	154.1	-5.7	.462
99.6	9.95	8.57	288.1	-5.6	155.0	154.3	154.3	-15.0	.465
112.5	9.89	8.60	288.6	-3.6	150.6	150.3	150.3	-9.5	.451
128.1	9.91	8.65	287.4	-3.9	148.5	148.2	148.2	-10.0	.446
144.6	10.06	8.69	287.0	-3.4	153.6	153.3	153.4	-9.2	.462
163.0	9.99	8.72	285.7	-2.6	147.7	147.5	147.5	-6.6	.444
178.8	10.22	8.72	288.1	1.1	160.2	160.1	160.1	3.1	.482
194.9	10.22	8.72	287.3	1.7	160.1	160.0	160.0	4.8	.482
207.5	10.18	8.70	287.8	3.5	159.3	158.9	159.0	9.8	.479
220.6	10.03	8.67	287.4	2.2	153.4	153.3	153.3	5.9	.461
239.0	10.01	8.63	288.4	4.3	154.9	154.5	154.5	11.6	.465
251.7	10.06	8.56	288.2	2.1	161.8	161.7	161.7	5.8	.487
267.3	9.99	8.49	288.6	2.1	162.1	161.9	162.0	6.1	.487
282.6	10.09	8.46	286.7	-2.2	168.3	168.2	168.2	-6.6	.509
295.5	10.18	8.43	287.9	.0	174.6	174.5	174.6	.1	.527
311.1	9.73	8.39	285.8	-1.7	154.7	154.7	154.7	-4.6	.466
327.6	9.55	8.38	285.9	-1.8	145.1	145.0	145.1	-4.5	.436
340.0	10.03	8.37	289.0	-4	171.2	171.1	171.2	-1.2	.516
355.8	10.12	8.35	289.1	-6	175.9	175.9	175.9	-1.7	.531

(b-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
4.2	10.19	8.33	290.3	-2	180.6	180.5	180.6	-5	.544
24.3	10.15	8.32	289.8	1.1	179.2	179.1	179.2	3.5	.540
37.7	10.22	8.35	289.0	1.8	180.6	180.4	180.5	5.7	.545
56.9	10.02	8.38	288.9	1.6	169.9	169.8	169.9	5.4	.512
69.1	10.05	8.52	288.5	1.4	163.4	163.3	163.4	4.0	.492
84.9	10.07	8.54	288.7	1.7	163.6	163.5	163.5	4.8	.492
99.9	10.04	8.57	287.8	-2	160.2	160.2	160.2	-7	.482
112.6	10.08	8.59	287.0	-7	160.6	160.6	160.6	-2.0	.484
128.2	10.11	8.62	287.4	-1.6	160.5	160.4	160.4	-4.4	.483
145.3	10.14	8.57	288.0	-0	159.1	159.1	159.1	-1	.478
163.0	10.11	8.68	286.9	-1.3	156.6	156.6	156.6	-3.7	.472
179.2	10.24	8.69	287.4	1.4	162.7	162.6	162.7	4.1	.490
187.2	10.26	8.69	288.9	2.0	163.9	163.7	163.8	5.7	.493
207.3	10.18	8.68	287.3	.1	160.6	160.6	160.6	.1	.484
220.7	10.16	8.66	288.7	-3	161.0	161.0	161.0	-9	.484
239.9	10.04	8.60	287.2	-1	158.0	158.0	158.0	-4	.476
252.1	10.20	8.53	288.2	-1.3	169.5	169.4	169.5	-3.8	.511
267.9	10.11	8.47	289.1	-5	169.7	169.6	169.7	-1.5	.511
282.9	10.05	8.44	286.8	-1.2	167.4	167.3	167.4	-3.5	.506
295.6	10.23	8.40	288.1	-1.1	172.1	172.0	172.1	-3.3	.538
311.2	10.18	8.36	287.4	-2.5	177.6	177.4	177.5	-7.7	.538
328.3	10.02	8.34	288.9	-1.4	172.2	172.1	172.2	-4.3	.519
340.0	10.19	8.34	289.0	-3	180.0	179.9	180.0	-1.1	.544
356.2	10.18	8.34	288.0	-6	179.0	179.0	179.0	-1.7	.542

TABLE IV. - Continued.

(b) Continued.

(b-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	10.22	8.33	288.8	.7	181.3	181.2	181.3	2.1	.548
24.4	10.19	8.33	289.6	1.1	180.8	180.7	180.7	3.3	.545
36.9	10.19	8.34	289.0	1.2	179.7	179.6	179.6	3.7	.543
56.6	10.17	8.37	290.3	3.0	177.8	177.5	177.6	9.1	.535
69.0	10.23	8.53	287.9	2.4	171.0	170.8	170.9	7.1	.516
84.6	10.13	8.55	288.1	2.6	165.7	165.4	165.5	7.6	.499
100.5	10.21	8.58	286.9	1.4	167.0	166.9	166.9	4.0	.504
112.4	10.14	8.60	287.7	.5	163.1	163.1	163.1	1.3	.491
128.4	10.17	8.63	287.0	.8	162.6	162.5	162.5	2.4	.490
144.2	10.23	8.66	288.6	-1.4	163.9	163.8	163.8	-3.9	.493
162.7	10.08	8.68	285.8	.1	155.5	155.4	155.5	.1	.469
178.5	10.26	8.69	286.9	1.0	163.6	163.5	163.5	2.8	.493
194.8	10.27	8.68	287.9	.6	164.8	164.8	164.8	1.6	.496
207.4	10.23	8.66	288.2	-.8	163.8	163.8	163.8	-2.3	.493
219.9	10.20	8.65	287.8	-1.2	163.1	163.0	163.1	-3.4	.491
239.6	10.21	8.58	288.3	-2.3	167.4	167.2	167.3	-6.8	.504
252.0	10.20	8.52	288.5	-1.3	170.3	170.2	170.3	-3.8	.513
267.6	10.08	8.47	287.6	-1.6	167.6	167.5	167.6	-4.7	.506
283.5	10.17	8.43	287.6	-2.0	173.3	173.2	173.2	-6.0	.524
295.4	10.24	8.40	286.2	-2.6	177.6	177.4	177.5	-8.1	.539
311.4	10.25	8.37	287.2	-2.9	180.0	179.7	179.7	-9.0	.545
327.2	10.23	8.36	286.4	-1.0	179.8	179.8	179.8	-3.2	.546
339.7	10.20	8.35	287.9	-.7	179.1	179.0	179.1	-2.2	.542
355.5	10.20	8.35	289.0	-.2	179.7	179.7	179.7	-.6	.543

(b-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.4	10.24	8.34	289.4	.7	182.0	181.9	182.0	2.2	.550
25.1	10.21	8.34	288.9	1.5	180.5	180.4	180.4	4.8	.545
37.4	10.24	8.35	288.6	2.2	181.3	181.1	181.1	7.0	.548
56.8	10.26	8.38	289.8	3.4	180.8	180.4	180.5	10.8	.545
69.3	10.07	8.54	287.9	2.4	163.0	162.8	162.9	6.7	.491
82.9	10.11	8.56	288.6	1.6	164.5	164.3	164.4	4.5	.495
100.2	10.25	8.58	288.4	.9	169.5	169.4	169.5	2.8	.511
112.8	10.23	8.60	287.2	2.3	167.0	166.8	166.9	6.6	.504
128.5	10.20	8.64	287.5	.1	163.5	163.4	163.5	.3	.493
144.9	10.20	8.68	286.3	-.1	161.4	161.3	161.4	-.1	.487
163.0	10.17	8.68	286.5	2.7	159.2	158.9	159.0	7.4	.480
176.8	10.22	8.68	287.3	1.5	162.1	162.0	162.1	4.3	.488
194.4	10.27	8.67	287.8	.9	165.2	165.1	165.2	2.5	.498
208.1	10.17	8.66	287.3	-.6	161.3	161.3	161.3	-1.6	.486
220.4	10.20	8.65	287.4	-2.3	162.9	162.7	162.7	-6.6	.491
239.8	10.22	8.60	287.4	-2.0	166.7	166.5	166.6	-5.7	.503
252.3	10.26	8.53	289.0	-2.8	172.5	172.3	172.3	-8.5	.520
265.9	10.25	8.48	289.3	-2.1	174.9	174.7	174.8	-6.3	.527
283.2	10.07	8.44	286.2	-1.1	168.0	167.9	168.0	-3.2	.508
295.8	10.26	8.41	288.2	-2.6	179.2	179.0	179.0	-8.1	.542
311.5	10.27	8.38	286.8	-2.6	179.9	179.7	179.8	-8.1	.546
327.9	10.26	8.37	287.2	-1.7	130.6	180.4	180.5	-5.5	.547
340.0	10.21	8.36	288.7	-1.3	179.4	179.3	179.4	-4.2	.542
355.8	10.20	8.36	288.8	-.0	179.1	179.0	179.1	-.1	.541

TABLE IV. - Continued.

(b) Continued.

(b-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.26	8.37	288.9	.7	181.2	181.1	181.2	2.3	.548
24.8	10.27	8.36	287.9	.9	181.5	181.4	181.5	3.0	.550
37.4	10.27	8.38	288.4	2.6	180.9	180.6	180.7	8.2	.547
56.0	10.28	8.40	288.4	3.1	180.1	179.7	179.8	9.7	.544
69.1	10.02	8.55	287.5	2.0	160.2	160.0	160.1	5.7	.482
84.7	10.12	8.58	288.4	3.7	163.5	163.0	163.1	10.6	.492
100.0	10.22	8.60	287.7	3.3	166.6	166.3	166.4	9.5	.502
112.5	10.24	8.63	287.6	4.7	166.1	165.5	165.6	13.6	.501
128.0	10.20	8.63	288.7	2.2	164.3	164.1	164.1	6.2	.494
145.0	10.25	8.66	286.7	.9	164.4	164.3	164.4	2.5	.496
163.1	10.22	8.69	287.9	1.8	162.1	161.9	162.0	5.2	.488
178.8	10.28	8.68	287.8	.8	165.1	165.0	165.1	2.2	.497
195.2	10.28	8.68	288.0	-1.2	165.3	165.2	165.3	-3.4	.498
207.8	10.27	8.67	288.1	-1.6	165.5	165.3	165.4	-4.7	.498
220.4	10.26	8.66	287.6	-3.9	165.2	164.8	164.8	-11.3	.498
239.0	10.27	8.61	287.0	-4.0	168.3	167.8	167.9	-11.8	.508
252.1	10.24	8.54	286.7	-4.2	170.9	170.4	170.4	-12.6	.517
267.7	10.27	8.48	287.4	-5.4	175.5	174.7	174.8	-16.4	.531
283.0	10.27	8.45	287.4	-5.0	176.7	175.9	176.0	-15.5	.535
295.5	10.28	8.43	287.3	-4.0	178.4	177.9	177.9	-12.3	.540
311.0	10.28	8.41	287.0	-4.0	179.4	178.9	179.0	-12.6	.544
328.0	10.26	8.39	287.3	-1.7	179.8	179.7	179.7	-5.3	.545
340.1	10.26	8.39	289.8	-1.1	180.6	180.5	180.6	-3.5	.545
355.8	10.23	8.39	288.4	-.0	179.0	178.9	179.0	-.1	.541

(b-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	10.26	8.39	287.9	1.9	179.4	179.2	179.3	5.9	.543
24.4	10.26	8.40	289.1	2.5	179.8	179.5	179.6	7.9	.543
37.3	10.27	8.41	287.8	3.0	179.1	178.7	178.8	9.3	.542
56.8	10.27	8.42	288.2	4.0	178.6	178.1	178.1	12.5	.540
68.9	10.11	8.55	288.0	3.0	164.3	164.0	164.0	8.7	.495
84.8	10.24	8.58	288.1	4.5	169.2	168.6	168.6	13.4	.510
100.0	10.26	8.59	287.8	4.6	169.3	168.7	168.8	13.4	.511
112.4	10.27	8.61	287.8	2.5	169.0	168.7	168.8	7.3	.510
128.0	10.27	8.63	288.9	2.3	168.0	167.8	167.9	6.7	.505
143.6	10.26	8.65	288.0	.7	166.1	166.0	166.1	2.1	.500
163.3	10.19	8.67	287.2	1.7	161.6	161.4	161.5	4.8	.487
178.9	10.26	8.68	287.2	-.5	164.2	164.1	164.2	-1.3	.495
195.3	10.27	8.68	287.3	-1.8	164.8	164.7	164.7	-5.3	.497
207.4	10.19	8.67	287.3	-3.4	161.6	161.2	161.3	-9.4	.487
220.3	10.21	8.66	287.1	-3.8	162.9	162.4	162.5	-10.7	.491
239.8	10.28	8.60	287.9	-6.7	169.6	168.4	168.5	-19.7	.512
251.9	10.28	8.53	287.8	-4.0	173.4	172.9	173.0	-12.1	.524
267.8	10.28	8.47	288.2	-6.9	176.4	175.1	175.1	-21.2	.533
283.0	10.28	8.45	288.8	-6.5	178.0	176.8	176.8	-20.0	.537
295.4	10.28	8.43	286.4	-5.9	178.2	177.2	177.2	-18.3	.540
311.0	10.28	8.42	287.1	-4.5	179.0	178.3	178.4	-14.2	.542
326.6	10.28	8.40	287.1	-3.3	179.6	179.2	179.3	-10.2	.544
340.3	10.25	8.40	289.2	-.9	179.6	179.5	179.6	-2.8	.542
355.9	10.26	8.40	289.8	-.4	180.0	180.0	180.0	-1.4	.543

TABLE IV. - Continued.

(b) Continued.

(b-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.25	8.42	287.8	1.6	177.9	177.8	177.8	4.9	.538
24.7	10.25	8.42	288.2	2.6	178.0	177.7	177.8	8.0	.538
37.5	10.25	8.42	289.1	2.9	177.9	177.6	177.7	9.0	.537
56.1	10.26	8.42	288.2	3.8	178.0	177.5	177.6	11.8	.538
69.1	10.21	8.56	288.8	3.8	168.8	168.4	168.4	11.1	.508
85.0	10.25	8.58	288.5	4.5	169.7	169.1	169.2	13.2	.511
100.4	10.25	8.59	288.7	5.0	168.9	168.1	168.2	14.8	.509
112.1	10.26	8.61	287.4	2.8	167.8	167.6	167.6	8.2	.506
128.1	10.26	8.63	286.5	2.9	166.9	166.6	166.7	8.4	.504
144.0	10.26	8.65	285.7	1.8	165.5	165.4	165.4	5.3	.501
162.9	10.25	8.67	288.0	1.4	164.4	164.3	164.3	3.9	.495
178.8	10.25	8.68	287.3	-4	164.1	164.0	164.1	-1.2	.495
194.9	10.26	8.68	288.3	-2.8	164.4	164.2	164.2	-8.0	.495
207.7	10.26	8.67	288.0	-4.9	164.9	164.2	164.3	-14.0	.497
220.5	10.26	8.65	290.4	-5.1	166.7	166.0	166.1	-14.8	.500
239.1	10.26	8.60	288.7	-5.3	169.2	168.4	168.5	-15.7	.510
252.1	10.26	8.52	287.4	-4.7	173.1	172.5	172.6	-14.0	.523
268.0	10.26	8.46	287.2	-6.8	176.0	174.7	174.8	-20.8	.533
283.4	10.26	8.45	286.4	-6.9	176.3	175.0	175.1	-21.1	.535
295.1	10.27	8.44	287.8	-7.1	177.3	175.9	176.0	-21.9	.536
311.1	10.27	8.43	287.0	-5.1	177.9	177.1	177.2	-15.7	.539
327.0	10.27	8.42	286.0	-5.4	178.0	177.1	177.2	-16.8	.540
339.9	10.24	8.42	289.1	-1.5	178.1	178.0	178.1	-4.5	.538
355.8	10.25	8.42	289.1	-5	178.1	178.0	178.1	-1.6	.537

(b-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	10.23	8.47	288.2	.7	174.6	174.5	174.6	2.0	.527
24.8	10.23	8.47	288.5	2.2	174.7	174.5	174.5	6.6	.527
37.4	10.24	8.47	287.9	3.9	174.8	174.3	174.4	11.8	.528
56.9	10.24	8.47	288.6	5.1	174.8	174.1	174.2	15.4	.528
68.8	10.24	8.56	288.5	6.1	169.8	168.9	168.9	18.0	.512
84.5	10.24	8.58	287.8	6.5	168.5	167.4	167.4	19.2	.508
99.9	10.24	8.59	288.6	4.9	168.5	167.8	167.9	14.3	.507
112.8	10.24	8.60	288.6	3.5	168.1	167.8	167.8	10.2	.506
129.0	10.24	8.62	288.4	2.8	166.4	166.2	166.2	8.0	.501
145.3	10.24	8.64	287.0	2.3	165.7	165.6	165.6	6.5	.500
163.2	10.24	8.65	288.1	2.6	165.0	164.7	164.8	7.6	.497
178.9	10.24	8.66	287.8	-2	164.6	164.6	164.6	-6	.496
194.8	10.24	8.66	288.7	-2.6	164.8	164.6	164.7	-7.5	.496
207.8	10.24	8.65	287.8	-3.4	164.8	164.5	164.5	-9.8	.496
220.4	10.24	8.65	289.2	-4.8	165.7	165.1	165.1	-13.8	.498
239.9	10.24	8.60	288.1	-7.5	168.2	166.7	166.7	-22.0	.507
251.8	10.24	8.52	290.0	-6.9	172.6	171.3	171.3	-20.8	.519
267.5	10.25	8.46	288.5	-7.3	175.4	173.9	174.0	-22.3	.530
282.9	10.25	8.46	289.5	-6.7	175.9	174.7	174.7	-20.6	.530
295.8	10.24	8.46	287.5	-7.0	175.1	173.8	173.8	-21.3	.529
312.0	10.25	8.45	288.2	-6.2	176.0	175.0	175.0	-19.0	.532
328.3	10.25	8.46	288.8	-4.2	176.2	175.7	175.7	-12.9	.532
340.2	10.23	8.46	289.2	-3.7	175.3	174.9	175.0	-11.3	.529
355.9	10.23	8.46	289.6	-1.2	175.2	175.1	175.1	-3.7	.528

TABLE IV. - Continued.

(b) Continued.

(b-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.23	8.50	288.2	1.7	172.6	172.5	172.5	5.2	.521
25.0	10.23	8.50	288.6	1.9	172.9	172.8	172.9	5.6	.522
37.4	10.23	8.50	289.0	4.3	173.1	172.7	172.7	12.9	.522
56.6	10.23	8.49	288.8	4.0	173.4	172.9	172.9	17.0	.523
62.0	10.23	8.49	289.6	6.7	173.8	172.6	172.6	20.7	.523
84.4	10.23	8.61	289.0	9.2	167.2	165.0	165.0	26.8	.503
100.0	10.23	8.61	288.6	8.2	166.9	165.2	165.2	23.7	.502
112.6	10.23	8.61	288.7	7.5	166.9	165.5	165.5	21.6	.502
122.3	10.23	8.62	288.9	7.3	166.2	164.9	164.9	21.2	.500
144.5	10.23	8.64	287.6	3.1	165.2	164.9	164.9	9.0	.498
163.1	10.23	8.65	288.7	1.2	164.8	164.7	164.7	3.5	.495
179.0	10.23	8.66	288.2	-0.9	164.3	164.3	164.3	-2.5	.495
194.9	10.23	8.66	287.8	-2.7	164.3	164.1	164.1	-7.6	.495
208.0	10.24	8.65	289.1	-3.7	165.4	165.0	165.1	-10.7	.497
220.4	10.24	8.63	289.1	-4.5	166.0	165.5	165.5	-13.0	.499
239.6	10.24	8.59	289.9	-8.5	168.8	167.0	167.0	-25.0	.507
245.0	10.24	8.56	288.7	-5.6	170.3	169.5	169.5	-16.6	.513
267.4	10.24	8.47	289.8	-10.5	175.3	172.3	172.4	-31.8	.528
283.0	10.23	8.47	290.1	-9.8	175.4	172.8	172.8	-29.9	.528
295.6	10.23	8.46	289.7	-10.7	175.2	172.1	172.1	-32.6	.528
305.3	10.23	8.47	289.4	-7.0	174.8	173.5	173.5	-21.3	.527
327.5	10.22	8.48	288.9	-4.8	173.8	173.2	173.2	-14.4	.524
340.1	10.23	8.49	289.0	-6.4	173.5	172.5	172.5	-19.2	.523
356.0	10.21	8.50	288.2	-1.8	171.9	171.8	171.8	-5.3	.519

(b-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	9.46	8.13	289.1	8.1	157.0	155.4	155.4	22.1	.471
20.2	9.39	8.14	288.6	5.9	152.7	151.9	151.9	15.8	.458
32.9	9.61	8.12	288.7	5.2	164.9	164.1	164.2	15.1	.496
52.2	9.42	8.13	288.7	3.3	154.6	154.3	154.3	8.9	.463
64.9	9.42	8.14	288.5	.7	154.2	154.2	154.2	1.7	.463
80.1	9.54	8.16	288.9	2.8	159.6	159.3	159.4	7.8	.479
95.3	9.63	8.21	288.3	2.7	160.6	160.4	160.4	7.6	.483
108.2	9.64	8.25	287.4	3.2	159.0	158.7	158.8	8.7	.478
123.8	9.72	8.26	287.8	3.2	162.1	161.9	161.9	9.0	.488
140.8	9.73	8.31	287.1	4.6	159.4	158.9	158.9	12.8	.480
163.8	9.84	8.30	288.0	-1.0	165.7	165.6	165.7	-3.0	.499
180.0	9.91	8.35	288.5	.5	166.2	166.2	166.2	1.6	.500
195.8	9.98	8.34	288.7	1.5	170.4	170.3	170.3	4.4	.513
208.3	10.03	8.33	288.7	2.6	172.8	172.6	172.6	7.8	.521
221.0	9.99	8.32	288.7	3.2	171.7	171.4	171.5	9.5	.518
240.3	9.81	8.29	288.3	4.5	164.8	164.3	164.3	12.9	.496
253.0	9.72	8.27	288.1	3.9	161.6	161.2	161.2	11.0	.486
268.2	9.71	8.26	288.3	4.7	161.5	161.0	161.0	13.1	.486
283.4	9.64	8.25	287.8	5.5	158.7	158.0	158.0	15.2	.477
296.3	9.58	8.23	287.7	5.9	156.3	155.5	155.5	16.1	.470
311.9	9.56	8.19	287.7	6.6	157.8	156.7	156.8	18.0	.474
328.9	9.45	8.18	288.5	7.2	152.7	151.5	151.5	19.2	.458
335.7	9.39	8.18	288.3	10.5	149.9	147.4	147.4	27.3	.449
351.9	9.52	8.16	288.6	11.0	158.3	155.3	155.4	30.3	.475

TABLE IV. - Continued.

(b) Continued.

(b-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	9.64	8.13	288.1	6.4	165.8	164.8	164.8	18.6	.499
20.3	9.66	8.13	288.0	6.6	167.0	165.9	165.9	19.1	.503
33.0	9.79	8.13	288.0	6.1	173.2	172.3	172.3	18.3	.523
52.2	9.65	8.13	288.0	4.2	166.7	166.3	166.3	12.2	.502
64.7	9.49	8.13	287.6	3.7	158.2	157.9	157.9	10.2	.476
80.4	9.69	8.15	288.3	4.5	167.2	166.7	166.7	13.2	.504
96.0	9.72	8.18	288.3	4.1	166.6	166.1	166.1	12.0	.502
108.4	9.76	8.21	287.5	4.2	166.8	166.4	166.4	12.1	.503
123.8	9.82	8.23	286.5	4.0	168.3	167.9	167.9	11.7	.509
140.7	9.81	8.27	286.8	4.4	165.5	165.0	165.0	12.7	.500
164.0	9.84	8.28	287.8	.3	167.0	167.0	167.0	.9	.503
179.5	9.98	8.33	288.1	.4	170.9	170.8	170.9	1.2	.515
195.1	10.06	8.33	288.4	1.5	174.6	174.6	174.6	4.5	.527
208.4	10.06	8.32	289.0	1.5	175.0	174.9	174.9	4.5	.528
221.1	10.02	8.30	288.4	2.8	174.2	174.0	174.0	8.4	.526
240.3	9.82	8.28	287.7	2.7	165.9	165.7	165.7	7.8	.500
252.8	9.81	8.27	287.7	2.7	166.2	166.0	166.0	7.9	.501
268.5	9.78	8.23	287.7	3.1	166.3	166.1	166.1	9.1	.501
284.1	9.74	8.22	287.5	3.2	165.3	165.1	165.1	9.1	.498
296.5	9.74	8.21	287.5	2.8	165.9	165.7	165.7	8.1	.500
311.9	9.72	8.18	287.1	3.5	166.1	165.8	165.8	10.0	.501
328.8	9.53	8.17	287.6	2.7	157.4	157.2	157.2	7.3	.473
335.9	9.61	8.17	288.2	7.4	161.8	160.4	160.4	20.7	.487
351.4	9.72	8.16	288.0	7.3	167.7	166.3	166.4	21.4	.505

(b-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	9.65	8.14	287.2	5.6	165.4	164.6	164.6	16.1	.499
20.2	9.63	8.12	287.5	7.0	165.7	164.5	164.5	20.2	.500
33.3	9.85	8.13	287.9	6.9	175.6	174.3	174.3	21.0	.531
51.7	9.72	8.16	287.7	7.7	167.9	166.4	166.4	22.6	.506
64.4	9.64	8.14	287.7	6.6	165.1	164.0	164.1	19.0	.498
80.0	9.89	8.15	287.9	7.1	176.1	174.7	174.7	21.8	.532
95.3	9.81	8.16	287.6	6.3	172.2	171.2	171.2	18.9	.520
108.2	9.86	8.16	287.5	5.3	174.4	173.6	173.6	16.0	.527
123.8	9.82	8.18	287.0	4.5	171.0	170.5	170.5	13.3	.517
140.3	9.90	8.21	286.5	5.2	173.0	172.3	172.3	15.7	.524
163.8	9.86	8.27	287.5	.8	168.3	168.3	168.3	2.2	.508
179.6	10.00	8.28	288.3	.3	174.4	174.4	174.4	.9	.527
195.7	10.11	8.29	288.5	.9	178.4	178.4	178.4	2.8	.539
208.3	10.11	8.31	288.5	1.5	177.4	177.3	177.3	4.5	.536
221.4	10.02	8.31	288.1	.9	173.3	173.3	173.3	2.6	.523
239.8	9.90	8.26	288.0	1.1	170.7	170.7	170.7	3.2	.515
252.5	9.85	8.25	288.1	1.2	169.4	169.4	169.4	3.6	.511
268.1	9.97	8.23	287.9	1.0	175.8	175.8	175.8	3.1	.531
283.4	9.85	8.20	287.2	.5	171.6	171.6	171.6	1.4	.518
296.3	9.93	8.20	287.5	.0	175.3	175.3	175.3	.1	.530
311.9	9.97	8.19	287.2	.3	177.1	177.1	177.1	.8	.536
328.4	9.89	8.17	288.0	-9	175.5	175.5	175.5	-2.9	.530
335.7	9.85	8.15	288.0	5.5	174.2	173.4	173.4	16.8	.526
351.5	9.95	8.15	288.3	5.3	179.3	178.6	178.6	16.5	.542

TABLE IV. - Continued.

(b) Continued.

(b-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
20.0	10.01	8.11	288.0	4.6	183.8	183.2	183.2	14.6	.557
33.4	10.05	8.12	287.8	5.3	184.9	184.1	184.1	17.0	.560
52.6	9.93	8.12	288.0	5.3	180.0	179.2	179.2	16.5	.545
64.8	9.90	8.12	288.4	5.8	178.9	178.0	178.0	18.0	.541
80.6	9.98	8.13	287.7	5.2	181.3	180.6	180.6	16.4	.549
95.6	9.92	8.14	287.5	4.7	178.2	177.6	177.6	14.7	.539
108.3	9.95	8.13	286.9	4.2	179.6	179.1	179.1	13.3	.544
123.9	10.04	8.16	287.7	4.1	182.4	182.0	182.0	13.1	.553
141.0	10.03	8.19	286.8	4.3	180.1	179.6	179.6	13.5	.546
163.8	9.90	8.21	287.6	-6	173.9	173.8	173.8	-1.8	.525
180.0	10.07	8.23	287.7	-6	179.9	179.9	179.9	-2.0	.545
188.0	10.11	8.24	289.0	-4	181.4	181.4	181.4	-1.3	.548
208.1	10.14	8.26	288.3	-6	181.5	181.5	181.5	-1.9	.549
221.5	10.04	8.24	288.1	-6	178.3	178.3	178.3	-1.8	.539
240.7	10.04	8.21	288.5	-9	180.0	180.0	180.0	-2.9	.544
252.9	10.06	8.19	288.7	-9	181.5	181.5	181.5	-2.9	.549
268.7	10.04	8.18	288.4	-1.3	181.4	181.3	181.3	-4.2	.549
283.7	9.94	8.17	288.0	-9	177.7	177.7	177.7	-2.9	.537
296.4	9.98	8.15	287.5	-1.3	180.0	180.0	180.0	-4.0	.545
312.0	10.05	8.15	287.8	-1.0	183.1	183.0	183.1	-3.3	.555
329.1	10.04	8.14	288.3	-2.1	183.7	183.5	183.5	-6.7	.556
335.7	9.98	8.13	287.8	4.0	181.1	180.7	180.7	12.7	.548
351.9	10.05	8.12	287.8	3.9	185.0	184.5	184.5	12.6	.561
359.9	9.97	8.12	288.7	4.4	181.8	181.3	181.3	14.1	.550

(b-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	10.08	8.11	288.0	3.3	187.0	186.7	186.7	10.7	.567
20.1	10.08	8.10	288.2	3.7	187.0	186.6	186.6	12.0	.567
32.6	10.06	8.11	287.7	4.0	185.8	185.3	185.3	13.1	.564
52.3	10.08	8.11	288.1	4.4	186.5	186.0	186.0	14.2	.565
64.7	10.02	8.11	287.5	4.3	183.9	183.4	183.4	13.6	.558
80.3	10.06	8.13	286.9	3.8	184.4	183.9	183.9	12.3	.560
96.2	9.95	8.12	287.4	3.5	180.5	180.2	180.2	11.0	.547
108.1	10.01	8.13	287.1	3.5	182.8	182.4	182.4	11.1	.554
124.1	10.08	8.15	287.3	4.0	184.2	183.7	183.7	12.7	.559
139.9	10.10	8.16	286.9	3.4	184.3	183.9	184.0	11.0	.560
163.5	9.96	8.22	287.2	-8	175.5	175.5	175.5	-2.4	.531
179.3	10.07	8.22	288.3	-1.0	180.4	180.4	180.4	-3.0	.546
195.6	10.16	8.22	288.6	-1.0	184.7	184.7	184.7	-3.2	.559
208.2	10.13	8.23	288.6	-1.0	182.8	182.8	182.8	-3.1	.553
220.7	10.07	8.22	288.1	-1.3	180.5	180.4	180.4	-4.0	.546
240.4	10.03	8.20	288.5	-1.5	180.3	180.2	180.3	-4.7	.545
252.8	10.08	8.19	288.2	-1.6	182.2	182.1	182.1	-5.0	.551
268.4	10.08	8.18	289.2	-1.3	183.5	183.4	183.4	-4.3	.554
284.3	9.99	8.15	288.0	-1.3	180.8	180.7	180.7	-4.0	.547
296.2	10.02	8.14	287.2	-1.3	182.4	182.3	182.3	-4.2	.553
312.2	10.11	8.14	287.6	-1.4	185.9	185.8	185.8	-4.5	.564
328.0	10.11	8.13	287.6	-2.0	186.5	186.4	186.4	-6.4	.566
335.4	10.09	8.13	288.3	3.1	186.5	186.2	186.2	10.0	.565
351.2	10.11	8.12	288.0	3.1	187.5	187.2	187.2	10.1	.569

TABLE IV. - Continued.

(b) Continued.

(b-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	10.13	8.11	288.1	2.5	188.6	188.4	188.4	8.2	.572
20.8	10.11	8.11	287.4	2.4	187.8	187.7	187.7	7.9	.570
33.1	10.11	8.11	287.6	2.6	187.9	187.7	187.7	8.7	.571
52.5	10.11	8.13	287.5	2.8	187.1	186.9	186.9	9.3	.568
65.0	10.10	8.12	287.8	2.9	186.7	186.4	186.4	9.4	.566
78.6	10.01	8.12	287.6	2.5	183.4	183.2	183.2	8.1	.556
95.9	9.95	8.10	287.7	2.3	181.3	181.2	181.2	7.2	.549
108.5	10.08	8.11	286.6	2.1	186.0	185.9	185.9	6.9	.565
124.2	10.07	8.14	287.6	2.2	184.6	184.4	184.5	7.0	.560
140.6	10.11	8.16	286.6	2.4	184.9	184.8	184.8	7.6	.562
163.8	10.02	8.21	287.4	-1.5	178.6	178.5	178.5	-4.6	.541
179.6	10.06	8.21	287.7	-1.5	180.5	180.4	180.4	-4.9	.547
195.2	10.16	8.21	288.6	-1.7	184.9	184.8	184.9	-5.6	.560
208.9	10.16	8.22	288.0	-1.8	184.6	184.5	184.6	-5.7	.560
221.2	10.11	8.22	288.0	-1.8	182.5	182.4	182.4	-5.8	.553
240.6	10.07	8.21	288.2	-2.1	181.3	181.1	181.2	-6.5	.549
253.1	10.10	8.19	289.1	-2.3	183.7	183.5	183.6	-7.3	.555
266.7	10.12	8.17	288.4	-2.3	185.3	185.1	185.1	-7.5	.561
284.0	10.04	8.14	287.7	-2.1	183.0	182.9	182.9	-6.7	.555
296.6	10.05	8.14	287.6	-2.2	183.5	183.3	183.4	-7.0	.556
312.3	10.15	8.15	287.4	-2.4	187.4	187.2	187.2	-7.9	.569
328.7	10.12	8.14	287.9	-2.1	186.8	186.6	186.7	-7.0	.567
335.7	10.14	8.14	287.8	1.8	137.6	187.5	187.5	5.9	.569
351.5	10.13	8.13	287.8	2.1	187.7	187.5	187.5	7.0	.569

(b-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.14	8.12	287.5	.2	188.6	188.5	188.6	.6	.573
20.5	10.12	8.10	286.5	.4	188.2	188.1	188.2	1.3	.573
33.1	10.13	8.13	286.7	.3	187.6	187.5	187.6	1.0	.570
51.7	10.16	8.13	287.1	.4	188.9	188.8	188.9	1.2	.574
64.8	10.14	8.13	287.6	.5	188.0	187.9	187.9	1.6	.571
80.4	10.02	8.12	286.7	.1	183.2	183.1	183.2	.2	.556
95.7	9.98	8.12	287.0	-.2	181.5	181.5	181.5	-.5	.551
108.2	10.08	8.13	286.8	.4	185.2	185.1	185.2	1.2	.563
123.7	10.12	8.14	286.9	-.1	186.5	186.4	186.5	-.4	.567
140.7	10.13	8.17	286.7	.3	185.3	185.2	185.3	.9	.563
163.9	10.09	8.20	288.6	-3.9	182.6	182.1	182.2	-12.4	.552
179.6	10.16	8.21	288.0	-3.9	184.9	184.4	184.5	-12.6	.560
196.0	10.17	8.22	288.1	-4.0	184.9	184.4	184.5	-12.9	.560
208.6	10.15	8.22	287.9	-4.0	183.6	183.1	183.2	-12.7	.556
221.2	10.11	8.21	287.9	-3.9	182.8	182.3	182.4	-12.5	.554
239.8	10.11	8.20	287.4	-4.1	183.0	182.4	182.5	-13.0	.555
252.9	10.16	8.20	287.3	-4.1	185.0	184.4	184.5	-13.3	.561
268.5	10.16	8.19	287.3	-4.4	185.8	185.2	185.2	-14.3	.564
283.8	10.15	8.17	287.8	-4.6	186.3	185.6	185.7	-15.0	.565
296.3	10.14	8.16	287.6	-4.5	186.4	185.7	185.8	-14.7	.566
311.8	10.17	8.15	286.6	-4.4	187.9	187.2	187.3	-14.3	.571
328.8	10.15	8.15	287.8	-4.5	187.7	187.0	187.1	-14.8	.570
335.8	10.16	8.14	287.9	.2	188.3	188.2	188.3	.6	.572
351.5	10.16	8.13	287.6	.1	188.6	188.5	188.6	.3	.573

TABLE IV. - Continued.

(b) Continued.

(b-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	10.14	8.13	287.0	-9	187.6	187.4	187.6	-2.9	.570
20.1	10.13	8.13	286.6	-7	187.3	187.1	187.3	-2.3	.570
33.0	10.14	8.14	286.8	-8	187.5	187.3	187.5	-2.7	.570
52.5	10.16	8.13	286.6	-5	188.2	187.9	188.1	-1.7	.572
64.6	10.14	8.13	287.1	-4	187.8	187.6	187.8	-1.2	.571
80.5	10.11	8.13	287.2	-6	186.5	186.3	186.5	-2.1	.566
95.7	10.13	8.13	287.1	-1.0	187.6	187.3	187.5	-3.3	.570
108.1	10.11	8.14	287.0	-8	186.0	185.8	186.0	-2.6	.565
123.7	10.15	8.15	286.5	-1.0	187.2	187.0	187.2	-3.2	.569
139.3	10.16	8.17	285.8	-1.5	186.2	185.9	186.2	-5.0	.567
164.1	10.15	8.19	288.2	-4.7	185.3	184.5	184.7	-15.3	.562
179.7	10.15	8.20	288.6	-4.7	185.0	184.1	184.4	-4.2	.560
196.1	10.16	8.22	288.4	-4.7	184.4	183.6	183.8	-14.9	.558
208.2	10.16	8.22	287.9	-4.7	184.3	183.4	183.6	-15.2	.558
221.1	10.13	8.21	287.7	-5.0	183.8	182.8	183.1	-16.0	.557
240.6	10.15	8.20	287.2	-4.9	184.9	184.0	184.2	-15.9	.561
252.7	10.16	8.20	288.0	-4.8	185.0	184.1	184.3	-15.6	.561
268.6	10.16	8.18	287.8	-5.3	186.5	185.5	185.7	-17.1	.566
283.8	10.15	8.17	288.2	-5.2	186.9	185.9	186.2	-17.1	.567
296.2	10.15	8.16	287.8	-5.1	187.0	186.0	186.2	-16.8	.567
311.8	10.16	8.16	287.2	-5.0	187.1	186.2	186.4	-16.4	.568
327.4	10.16	8.15	287.0	-5.2	187.3	186.3	186.5	-16.8	.569
336.0	10.16	8.15	287.6	-9	187.7	187.5	187.7	-2.9	.570
351.6	10.16	8.14	287.8	-1.0	188.1	187.8	188.1	-3.1	.571

(b-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.15	8.17	286.8	-1.4	186.1	185.7	186.0	-4.5	.566
20.4	10.15	8.17	286.9	-1.3	186.0	185.7	185.9	-4.2	.565
33.2	10.15	8.17	287.0	-1.4	185.8	185.5	185.8	-4.5	.564
51.8	10.15	8.16	286.8	-1.3	186.7	186.4	186.7	-4.1	.567
64.8	10.15	8.16	286.9	-1.1	186.4	186.1	186.4	-3.7	.566
80.7	10.14	8.17	287.0	-1.3	186.0	185.7	185.9	-4.1	.565
96.1	10.07	8.16	286.6	-1.2	183.3	183.0	183.3	-4.0	.557
107.8	10.16	8.17	286.4	-1.7	186.3	185.9	186.2	-5.5	.567
123.8	10.15	8.19	285.9	-1.6	184.8	184.4	184.7	-5.0	.562
139.7	10.14	8.20	286.3	-1.3	184.2	183.8	184.1	-4.1	.560
163.7	10.16	8.22	288.6	-6.6	184.6	183.1	183.4	-21.1	.559
179.6	10.16	8.23	288.5	-6.8	184.1	182.6	182.8	-21.7	.557
195.7	10.17	8.24	288.4	-6.9	183.7	182.1	182.4	-21.9	.556
208.5	10.16	8.23	288.6	-6.6	184.1	182.6	182.9	-21.2	.557
221.3	10.16	8.22	289.6	-6.5	185.0	183.5	183.8	-21.0	.559
239.9	10.16	8.21	288.1	-6.5	185.1	183.6	183.9	-21.0	.561
252.9	10.16	8.22	288.3	-6.6	184.6	183.1	183.4	-21.1	.559
268.8	10.17	8.21	287.8	-6.6	185.2	183.7	184.0	-21.3	.562
284.2	10.17	8.19	287.3	-6.7	186.0	184.4	184.7	-21.6	.565
295.9	10.16	8.19	288.3	-6.5	186.3	184.8	185.1	-21.1	.565
311.9	10.17	8.19	287.3	-6.4	186.0	184.5	184.8	-20.6	.565
327.8	10.16	8.19	286.9	-6.2	185.5	184.1	184.4	-20.0	.563
335.6	10.16	8.19	287.0	-1.5	185.6	185.3	185.5	-4.8	.564
351.5	10.15	8.17	287.3	-1.4	186.2	185.9	186.1	-4.6	.565

TABLE IV. - Continued.

(b) Continued.

(b-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	10.15	8.25	287.2	-6.0	182.1	180.2	181.1	-18.8	.552
20.5	10.14	8.25	286.5	-6.0	181.5	179.5	180.5	-18.9	.551
33.1	10.15	8.26	286.9	-5.7	181.5	179.6	180.6	-18.0	.551
52.6	10.14	8.26	287.1	-5.8	181.2	179.2	180.2	-18.3	.549
64.5	10.14	8.25	287.4	-5.5	181.7	179.8	180.8	-17.4	.551
80.2	10.13	8.24	286.7	-5.4	181.7	179.9	180.9	-16.9	.551
95.6	10.14	8.24	287.1	-5.8	181.8	179.8	180.8	-18.4	.551
108.5	10.13	8.25	287.3	-5.6	181.5	179.7	180.7	-17.7	.550
124.7	10.13	8.25	286.7	-5.8	181.1	179.2	180.2	-18.2	.550
141.0	10.13	8.25	287.0	-6.1	181.1	179.1	180.1	-19.2	.549
164.0	10.14	8.27	288.6	-10.5	180.8	176.9	177.9	-32.6	.547
179.7	10.13	8.28	288.3	-10.7	180.0	175.9	176.9	-33.3	.544
195.6	10.14	8.28	288.4	-10.7	180.5	176.4	177.4	-33.4	.546
208.6	10.14	8.29	288.4	-10.7	180.3	176.2	177.2	-33.3	.545
221.2	10.14	8.29	289.0	-10.4	180.3	176.5	177.4	-32.3	.545
240.7	10.14	8.28	289.1	-10.6	181.0	177.0	177.9	-33.1	.547
252.6	10.14	8.27	288.8	-10.5	181.0	177.0	178.0	-32.9	.547
268.3	10.14	8.27	288.7	-10.6	181.2	177.1	178.1	-33.1	.548
283.7	10.13	8.26	289.3	-10.9	181.5	177.3	178.2	-34.2	.548
296.6	10.14	8.26	288.7	-10.7	181.7	177.6	178.6	-33.5	.549
312.8	10.14	8.25	288.5	-10.6	181.9	177.9	178.8	-33.3	.550
329.1	10.14	8.25	288.1	-11.1	182.1	177.7	178.7	-34.9	.551
335.9	10.15	8.25	287.5	-5.9	182.1	180.2	181.2	-18.6	.552
351.6	10.15	8.25	287.5	-6.1	182.2	180.1	181.1	-19.4	.552

(b-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	9.99	8.39	287.0	-13.1	167.6	160.8	163.4	-37.4	.506
20.7	9.97	8.39	286.5	-12.7	166.6	160.1	162.7	-36.1	.503
33.1	9.97	8.40	286.7	-12.1	166.0	159.8	162.4	-34.3	.501
52.3	9.97	8.39	286.9	-11.1	166.3	160.7	163.3	-31.4	.502
57.7	9.97	8.39	287.1	-11.4	166.5	160.7	163.3	-32.5	.503
80.1	9.97	8.39	286.7	-11.0	166.3	160.7	163.3	-31.2	.502
95.7	9.98	8.39	286.8	-10.8	167.4	161.8	164.5	-30.9	.505
108.3	9.98	8.39	287.3	-11.0	167.1	161.5	164.1	-31.4	.504
118.0	9.98	8.39	287.4	-11.2	167.0	161.2	163.9	-31.9	.504
140.2	9.94	8.40	286.9	-12.0	164.9	158.8	161.4	-33.8	.498
163.9	9.97	8.41	288.7	-18.0	166.1	155.6	158.2	-50.6	.500
179.8	10.07	8.42	288.8	-19.0	170.3	158.7	161.3	-54.5	.513
195.7	10.11	8.42	288.5	-18.9	171.6	160.0	162.6	-54.7	.517
208.8	10.12	8.43	288.6	-18.8	171.6	160.1	162.7	-54.5	.517
221.2	10.12	8.42	288.7	-19.1	172.2	160.4	163.1	-55.5	.519
240.4	10.14	8.41	289.2	-20.1	173.6	160.7	163.3	-58.8	.523
245.8	10.12	8.41	288.9	-19.6	173.0	160.7	163.3	-57.1	.521
268.2	10.12	8.40	289.0	-20.5	173.6	160.3	163.0	-59.8	.523
283.8	10.13	8.39	289.0	-20.5	174.3	160.9	163.5	-60.2	.525
296.4	10.12	8.39	289.0	-20.4	174.2	161.0	163.7	-59.8	.525
306.1	10.12	8.39	289.2	-19.9	174.3	161.5	164.1	-58.6	.525
328.3	10.11	8.39	288.3	-19.3	173.3	161.2	163.8	-56.6	.523
335.8	10.08	8.39	287.3	-13.7	171.5	164.0	166.7	-39.9	.518
351.7	10.05	8.39	286.9	-13.3	170.3	163.2	165.9	-38.7	.515

TABLE IV. - Continued.

(b) Continued.

(b-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	18.09	13.95	362.5	57.1	228.3	124.1	124.1	191.6	.621
21.5	17.96	13.96	363.1	55.4	225.0	127.8	127.8	185.2	.611
34.2	17.58	13.98	360.8	54.1	214.3	125.5	125.5	173.7	.582
49.4	17.75	13.98	362.0	53.3	218.9	130.7	130.7	175.6	.594
64.6	17.78	13.95	361.6	53.6	220.4	130.9	130.9	177.3	.599
77.5	17.73	13.95	362.2	53.6	219.5	130.3	130.3	176.6	.595
93.1	17.81	14.05	362.3	52.6	218.4	132.6	132.6	173.5	.592
110.1	17.85	14.09	358.6	52.3	217.0	132.7	132.7	171.7	.591
133.0	18.36	14.07	362.8	53.9	230.9	136.1	136.1	186.5	.628
149.2	18.43	14.08	362.2	53.3	232.3	138.7	138.7	186.3	.633
165.0	18.41	14.05	361.5	52.9	232.4	140.3	140.3	185.3	.634
177.5	18.36	14.01	360.4	51.5	232.2	144.5	144.5	181.8	.634
190.2	18.45	13.96	361.1	52.8	235.6	142.4	142.4	187.7	.644
209.5	18.37	13.96	359.3	54.1	233.2	136.7	136.7	188.9	.638
222.2	18.31	13.95	358.8	55.0	232.1	133.2	133.2	190.1	.636
237.4	18.19	13.97	359.8	55.1	229.2	131.1	131.1	188.1	.626
252.6	18.20	13.94	359.9	55.3	230.3	131.0	131.0	189.4	.629
265.5	18.12	13.94	358.6	57.4	227.9	122.7	122.7	192.0	.623
281.1	18.04	13.98	359.6	57.7	225.3	120.4	120.4	190.4	.615
298.1	18.09	13.93	360.3	58.9	228.2	117.8	117.8	195.5	.623
305.0	17.70	13.91	357.0	58.2	218.3	114.9	114.9	185.6	.597
321.2	17.86	13.92	357.1	58.1	222.0	117.3	117.3	188.5	.607
337.0	17.56	13.87	359.8	58.2	217.0	114.4	114.4	184.4	.590
349.5	17.76	13.87	359.4	59.1	221.9	114.0	114.0	190.3	.605

(b-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	17.69	13.73	358.3	53.4	224.3	133.7	133.7	180.0	.613
21.5	17.67	13.75	357.0	52.6	222.7	135.2	135.2	177.0	.610
34.0	17.56	13.76	353.9	51.7	218.8	135.5	135.5	171.8	.601
49.7	17.46	13.76	353.6	51.9	216.1	133.4	133.4	170.0	.593
65.3	17.59	13.76	356.1	52.6	220.3	133.7	133.7	175.0	.603
77.7	17.64	13.77	356.5	51.8	221.2	136.7	136.7	173.9	.605
93.1	17.69	13.79	356.2	50.8	221.8	140.1	140.1	171.9	.607
110.0	17.68	13.80	355.1	50.9	220.7	139.3	139.4	171.2	.605
133.2	17.93	13.84	352.4	50.1	224.7	144.0	144.0	172.5	.620
148.7	17.98	13.84	352.0	49.9	225.7	145.3	145.3	172.7	.623
164.3	17.96	13.84	352.0	48.4	225.3	149.6	149.6	168.4	.622
177.6	17.83	13.83	350.9	48.8	222.0	146.3	146.3	167.0	.613
190.3	17.81	13.73	350.6	48.2	223.2	148.8	148.9	166.4	.617
209.5	17.77	13.72	348.5	48.7	223.4	147.6	147.6	167.8	.620
222.0	17.84	13.70	347.5	49.4	225.2	146.7	146.7	170.9	.626
237.7	17.86	13.78	350.6	49.4	224.4	146.0	146.1	170.4	.621
253.3	17.87	13.76	351.0	50.9	225.3	142.1	142.1	174.7	.623
265.7	17.75	13.70	351.3	51.2	224.3	140.6	140.6	174.8	.619
281.1	17.69	13.71	350.1	51.1	222.2	139.6	139.6	172.8	.614
298.0	17.57	13.68	350.9	51.6	220.6	137.2	137.2	172.8	.609
305.2	17.25	13.67	352.3	53.4	213.4	127.3	127.3	171.3	.586
320.7	17.58	13.69	354.8	53.2	221.5	132.7	132.7	177.3	.608
336.3	17.44	13.66	355.3	51.9	219.2	135.1	135.1	172.6	.601
349.6	17.22	13.69	354.2	54.6	212.4	123.1	123.1	173.1	.582

TABLE IV. - Continued.

(b) Continued.

(b-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	17.50	13.35	356.3	51.6	230.9	143.3	143.3	181.0	.634
21.0	17.66	13.42	354.3	51.8	231.8	143.3	143.3	182.1	.639
33.7	17.40	13.41	351.5	51.9	224.9	138.9	138.9	176.9	.621
49.3	17.44	13.44	351.0	52.5	225.1	137.0	137.1	178.5	.622
64.6	17.58	13.44	352.7	52.2	228.9	140.4	140.4	180.8	.632
77.5	17.49	13.43	353.0	52.4	227.2	138.7	138.8	179.9	.627
93.1	17.66	13.48	353.3	52.8	229.7	139.0	139.0	182.9	.634
109.6	17.65	13.53	354.7	52.1	228.3	140.3	140.4	180.0	.628
133.0	17.98	13.54	349.7	48.6	234.0	154.8	154.8	175.4	.650
148.8	18.01	13.53	352.5	48.4	235.8	156.6	156.7	176.3	.653
164.9	17.97	13.49	350.4	47.7	235.2	158.3	158.4	173.9	.653
177.5	17.90	13.46	349.9	47.6	234.5	158.2	158.3	173.0	.651
190.6	17.87	13.42	349.4	47.2	234.8	159.6	159.7	172.2	.653
209.0	17.74	13.39	348.1	47.5	232.4	157.0	157.0	171.4	.647
221.7	17.69	13.40	347.9	48.2	230.8	153.8	153.9	172.1	.642
237.3	17.68	13.38	350.1	47.0	231.8	158.0	158.0	169.6	.643
252.6	17.82	13.37	348.2	47.9	234.8	157.4	157.4	174.2	.654
265.5	17.74	13.38	350.0	47.9	233.2	156.3	156.3	173.1	.648
281.1	17.81	13.41	349.2	47.0	233.9	159.5	159.6	171.0	.650
297.6	17.73	13.37	351.6	47.8	233.9	157.1	157.1	173.3	.648
305.0	17.35	13.35	353.9	51.1	226.4	142.1	142.1	176.3	.623
320.8	17.33	13.33	355.0	50.2	227.1	145.2	145.3	174.5	.624
336.9	17.56	13.25	354.7	51.6	234.7	145.9	146.0	183.9	.647
349.5	17.37	13.28	354.0	51.0	229.1	144.1	144.2	178.0	.631

(b-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	17.56	13.08	355.5	50.7	240.1	152.1	152.2	185.6	.663
21.9	17.52	13.12	353.4	51.2	237.2	148.6	148.8	184.8	.656
34.1	17.50	13.10	353.5	53.1	237.4	142.4	142.6	189.8	.656
49.9	17.42	13.13	354.2	53.4	235.0	139.9	140.1	188.7	.649
64.9	17.63	13.08	356.2	52.8	241.8	146.1	146.2	192.6	.667
77.6	17.51	13.06	354.5	52.1	239.2	146.8	147.0	188.8	.661
93.2	17.64	13.11	357.1	53.4	241.6	143.9	144.1	193.9	.665
110.3	17.73	13.21	358.2	52.4	240.9	146.9	147.1	190.8	.662
133.0	18.16	13.22	351.9	49.0	247.7	162.4	162.6	186.8	.689
149.2	18.34	13.19	353.4	48.3	252.7	168.0	168.2	188.6	.703
157.2	18.07	13.19	354.0	48.5	247.2	163.6	163.8	185.2	.686
177.3	18.00	13.17	351.8	47.4	245.6	166.2	166.3	180.7	.683
190.7	17.99	13.13	351.2	47.3	246.4	166.9	167.0	181.1	.686
209.9	17.92	13.09	351.0	47.2	245.8	166.9	167.1	180.4	.685
222.1	17.93	13.10	351.3	48.8	245.8	161.9	162.1	184.8	.684
237.9	17.96	13.08	353.4	48.0	248.0	165.9	166.1	184.1	.689
252.9	17.93	13.11	352.2	47.9	246.1	165.1	165.3	182.4	.684
265.6	17.90	13.05	351.0	48.2	246.7	164.3	164.5	183.9	.687
281.2	18.02	13.06	352.9	48.5	249.6	165.3	165.5	186.9	.694
298.3	17.97	13.07	352.7	48.4	248.1	164.7	164.9	185.3	.690
305.0	17.35	13.08	353.5	51.5	234.7	145.9	146.1	183.7	.648
321.2	17.44	13.09	355.4	50.8	237.0	149.6	149.8	183.6	.653
329.2	17.48	13.08	355.2	51.5	238.3	148.1	148.3	186.5	.657
349.3	17.41	13.03	353.4	51.8	237.5	146.7	146.9	186.7	.657

TABLE IV. - Continued.

(b) Continued.

(b-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.9	17.16	12.92	352.2	53.1	234.6	140.7	141.0	187.5	.649
21.6	17.14	12.95	351.5	54.0	233.4	137.1	137.3	188.7	.646
34.0	16.97	12.94	349.7	54.3	229.0	133.7	133.9	185.8	.635
49.6	17.01	12.95	351.5	54.7	230.0	132.7	133.0	187.7	.636
65.5	17.20	12.93	353.3	54.7	235.8	136.3	136.6	192.2	.652
77.4	17.02	12.93	352.3	55.0	231.2	132.4	132.7	189.4	.639
93.4	17.13	12.98	354.5	55.8	233.1	130.9	131.1	192.7	.642
109.2	17.20	13.01	354.9	56.5	234.0	129.1	129.3	195.0	.645
132.7	17.62	13.04	351.1	52.3	241.2	147.5	147.8	190.6	.670
148.5	17.74	13.03	353.9	51.9	244.9	150.9	151.2	192.6	.679
164.8	17.77	13.01	353.6	52.0	246.0	151.5	151.8	193.6	.682
177.4	17.75	12.97	353.9	51.8	246.9	152.7	153.0	193.8	.685
189.9	17.80	12.94	353.2	52.2	248.6	152.1	152.4	196.4	.691
209.6	17.57	12.96	351.9	51.9	242.6	149.6	149.8	190.8	.674
222.0	17.61	13.01	352.2	51.7	242.2	150.0	150.3	189.9	.672
237.6	17.49	13.02	352.7	51.7	239.2	148.2	148.5	187.5	.663
253.5	17.45	12.96	350.6	51.9	239.5	147.7	148.0	188.3	.666
265.4	17.54	12.95	350.8	52.0	241.9	148.9	149.2	190.4	.673
281.4	17.48	12.96	351.3	51.8	240.3	148.4	148.7	188.8	.668
297.2	17.47	12.96	351.3	52.2	240.3	147.3	147.5	189.6	.667
304.7	17.00	12.96	351.8	54.8	229.7	132.3	132.5	187.7	.635
320.5	16.99	12.95	353.2	53.3	230.1	137.4	137.6	184.4	.635
336.8	17.04	12.93	352.5	53.8	231.8	136.7	136.9	187.1	.641
349.4	16.96	12.89	351.5	53.5	230.5	136.9	137.1	185.3	.638

(b-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.28	12.83	346.5	48.8	238.2	156.8	157.3	178.8	.666
21.8	17.18	12.86	344.8	48.5	234.6	155.2	155.7	175.5	.657
34.3	17.03	12.85	345.5	48.3	231.7	153.9	154.3	172.8	.647
47.9	17.11	12.84	346.1	49.2	234.0	152.7	153.1	177.0	.654
65.2	17.31	12.81	346.7	49.3	239.6	156.0	156.5	181.5	.670
77.8	17.27	12.80	347.7	49.1	239.3	156.6	157.1	180.5	.668
93.5	17.30	12.87	349.2	49.4	238.5	154.9	155.4	180.9	.664
109.9	17.37	12.91	347.3	50.0	238.2	152.8	153.2	182.3	.665
133.0	17.69	12.92	345.4	47.6	244.1	164.3	164.8	180.0	.685
148.8	17.89	12.92	346.0	48.0	248.6	166.2	166.7	184.4	.698
164.4	17.82	12.91	347.6	47.6	247.9	166.9	167.4	182.8	.695
178.1	17.81	12.89	346.1	47.4	247.7	167.5	168.1	182.0	.696
190.4	17.72	12.88	345.7	47.8	246.0	165.1	165.7	181.8	.691
209.8	17.59	12.86	343.5	47.2	243.0	164.9	165.5	178.0	.684
222.3	17.64	12.86	345.3	47.3	244.7	165.7	166.3	179.6	.687
235.9	17.66	12.90	346.2	47.2	244.3	165.8	166.3	179.0	.685
253.2	17.62	12.87	346.6	47.0	244.4	166.4	166.9	178.6	.685
265.8	17.62	12.86	344.9	46.9	244.2	166.6	167.1	178.1	.686
281.5	17.60	12.88	344.7	46.8	243.2	166.2	166.7	177.0	.683
297.9	17.63	12.86	345.8	47.5	244.7	165.2	165.7	180.0	.687
305.0	17.13	12.85	345.0	48.7	233.7	154.1	154.5	175.3	.654
320.8	17.15	12.87	347.0	47.7	234.4	157.4	157.9	173.2	.654
336.4	17.12	12.85	345.5	47.9	233.7	156.3	156.8	173.3	.654
350.1	17.04	12.81	344.9	48.1	232.9	155.4	155.9	173.0	.652

TABLE IV. - Continued.

(b) Continued.

(b-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.85	12.71	342.5	46.4	230.8	158.8	159.6	166.8	.648
21.0	16.83	12.73	341.6	46.9	229.3	156.3	157.1	167.0	.644
34.1	16.82	12.72	342.2	47.3	229.8	155.6	156.3	168.4	.645
49.7	16.84	12.69	342.6	47.2	231.1	156.8	157.5	169.1	.649
65.0	16.83	12.69	342.3	47.5	230.7	155.6	156.3	169.7	.648
77.5	16.86	12.69	342.3	47.1	231.5	157.3	158.1	169.1	.650
93.0	16.89	12.68	342.6	47.9	232.6	155.7	156.4	172.2	.653
110.0	16.92	12.73	345.6	48.0	233.0	155.5	156.3	172.8	.651
133.1	17.36	12.74	342.7	45.8	241.3	167.8	168.6	172.6	.680
148.8	17.45	12.73	343.3	45.8	243.9	169.6	170.4	174.6	.687
165.2	17.49	12.73	343.7	46.0	244.7	169.8	170.6	175.5	.689
177.8	17.44	12.73	343.1	45.7	243.6	169.7	170.5	174.0	.686
190.4	17.41	12.71	343.7	46.2	243.7	168.4	169.2	175.4	.686
209.0	17.31	12.71	342.2	46.0	240.8	167.0	167.8	172.7	.679
222.1	17.33	12.75	342.1	45.7	240.2	167.3	168.1	171.6	.677
237.7	17.31	12.75	343.2	45.9	240.2	165.9	167.7	172.0	.676
253.0	17.35	12.75	347.9	45.7	240.9	167.9	168.7	172.0	.678
265.5	17.22	12.74	341.1	45.1	238.0	167.7	168.5	168.1	.671
281.0	17.26	12.75	340.8	44.9	238.3	168.3	169.1	168.0	.673
299.2	17.24	12.74	342.5	45.1	238.5	168.0	168.8	168.5	.671
305.1	16.57	12.74	342.8	47.3	229.3	155.3	156.0	168.0	.643
320.8	16.88	12.74	343.9	47.9	231.0	154.6	155.3	170.9	.647
337.2	16.85	12.72	343.8	47.0	230.7	157.1	157.9	168.2	.646
349.8	16.88	12.71	342.5	46.7	231.6	158.0	159.3	168.1	.650

(b-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	16.59	13.76	339.5	58.4	188.4	98.8	98.9	160.4	.524
21.8	16.62	13.76	338.9	58.7	189.2	98.4	98.4	161.6	.527
33.9	16.59	13.76	339.0	58.3	188.1	98.7	98.8	160.1	.524
49.8	16.57	13.79	339.1	58.1	186.5	98.6	98.7	158.3	.519
65.0	16.55	13.77	338.8	58.6	186.7	97.3	97.4	159.3	.519
77.4	16.64	13.77	339.7	58.6	189.6	98.9	99.0	161.8	.527
93.0	16.59	13.81	339.5	59.4	186.3	94.9	95.0	160.3	.518
108.6	16.64	13.85	338.5	59.0	186.4	95.9	95.9	159.8	.519
133.3	16.93	13.88	338.6	58.4	193.6	101.4	101.4	164.9	.540
148.9	16.96	13.83	341.0	58.5	195.4	101.9	102.0	166.6	.543
165.3	16.99	13.87	339.7	58.2	196.1	103.3	103.4	166.6	.547
177.4	17.01	13.84	339.8	58.7	197.7	102.6	102.7	168.9	.551
190.3	17.03	13.80	339.3	58.6	199.3	103.8	103.9	170.1	.556
209.8	16.96	13.78	337.9	58.6	197.8	103.1	103.2	168.8	.553
221.9	17.01	13.75	337.9	58.2	200.0	105.3	105.4	170.0	.560
237.8	17.02	13.75	337.6	58.1	200.4	105.9	106.0	170.0	.561
253.0	16.99	13.75	339.1	58.0	199.7	105.8	105.9	169.3	.557
265.4	16.98	13.74	339.1	58.4	200.0	104.9	105.0	170.2	.558
281.0	16.96	13.74	338.0	57.7	199.2	106.3	106.4	168.4	.557
296.6	16.95	13.74	337.0	58.1	198.4	104.7	104.8	168.5	.556
305.3	16.56	13.74	338.6	53.0	197.8	99.4	99.4	159.3	.523
320.9	16.60	13.74	339.7	58.0	197.3	100.4	100.5	160.4	.526
337.3	16.59	13.75	339.4	57.9	193.8	100.2	100.3	160.0	.525
349.4	16.58	13.75	340.3	58.1	188.8	99.8	99.9	160.3	.525

TABLE IV. - Continued.

(b) Continued.

(b-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	16.56	13.28	341.0	54.2	204.6	119.6	119.6	166.0	.570
21.1	16.57	13.27	339.7	54.2	204.8	119.8	119.9	166.1	.572
34.1	16.51	13.29	338.8	53.8	202.3	119.5	119.5	163.3	.566
50.0	16.46	13.33	338.7	54.5	199.4	115.9	115.9	162.2	.557
65.4	16.49	13.33	338.6	54.5	200.4	116.4	116.4	163.1	.560
77.1	16.55	13.33	339.4	54.0	202.3	118.9	118.9	163.6	.565
93.1	16.52	13.37	339.7	53.7	200.1	118.6	118.6	161.2	.558
109.0	16.47	13.38	340.9	55.0	198.8	113.9	113.9	163.0	.553
132.9	16.81	13.39	340.1	52.2	207.4	127.0	127.0	163.9	.580
148.8	16.93	13.38	338.5	51.7	210.4	130.4	130.4	165.1	.590
164.9	16.93	13.35	339.3	52.3	211.7	129.4	129.5	167.5	.593
177.7	16.90	13.31	339.7	52.6	212.1	128.9	129.0	168.4	.594
190.5	16.90	13.29	340.8	51.7	213.1	132.0	132.1	167.2	.596
209.1	16.84	13.28	339.7	51.9	211.6	130.6	130.7	166.4	.593
222.1	16.82	13.28	337.6	52.7	210.5	127.6	127.6	167.3	.591
238.0	16.82	13.28	337.2	52.3	210.4	128.6	128.6	166.5	.591
253.4	16.82	13.33	338.5	52.4	209.1	127.6	127.6	165.6	.586
265.1	16.82	13.35	337.4	52.8	208.1	125.7	125.7	165.8	.584
281.1	16.82	13.35	337.3	51.9	208.0	128.3	128.3	163.6	.584
297.0	16.81	13.31	337.7	50.9	209.1	131.8	131.8	162.4	.587
304.9	16.55	13.29	339.1	53.6	203.5	120.8	120.8	163.8	.569
320.8	16.54	13.29	340.1	54.2	203.6	119.1	119.1	165.1	.568
336.9	16.63	13.30	339.6	54.1	205.5	120.4	120.5	166.5	.574
349.7	16.57	13.30	339.0	54.5	203.6	118.2	118.3	165.7	.569

(b-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.56	12.16	338.7	47.1	239.8	163.1	163.2	175.6	.679
21.9	16.58	12.18	338.9	47.3	239.5	162.4	162.5	175.9	.678
33.8	16.56	12.18	339.7	47.4	239.6	162.1	162.2	176.3	.678
49.5	16.46	12.15	338.9	47.5	238.0	160.7	160.9	175.4	.674
64.9	16.48	12.17	339.1	48.1	237.9	158.9	159.0	176.9	.673
77.8	16.46	12.18	339.0	47.7	236.9	159.4	159.6	175.1	.670
94.0	16.47	12.20	339.1	47.3	236.5	160.3	160.4	173.8	.669
110.3	16.50	12.20	340.0	47.6	237.5	160.0	160.1	175.4	.671
133.2	16.86	12.23	337.9	43.7	243.8	176.3	176.4	168.2	.693
148.9	16.87	12.22	338.3	43.2	244.4	178.0	178.1	167.3	.694
164.8	16.94	12.20	338.2	43.6	246.5	178.4	178.6	169.9	.701
177.8	16.90	12.16	337.9	43.8	246.8	178.2	178.4	170.6	.702
190.4	16.86	12.12	337.2	43.9	246.9	177.8	178.0	171.0	.703
209.9	16.81	12.15	338.7	43.7	245.6	177.5	177.6	169.6	.697
221.8	16.82	12.15	338.6	43.8	245.7	177.3	177.5	169.9	.698
237.5	16.82	12.16	338.0	43.7	245.1	177.0	177.1	169.3	.697
252.9	16.83	12.19	338.4	43.8	244.6	176.5	176.6	169.2	.695
265.8	16.79	12.20	336.2	43.7	242.7	175.4	175.5	167.6	.691
282.0	16.87	12.20	336.7	43.7	244.6	176.8	177.0	168.9	.697
298.3	16.86	12.20	336.9	43.5	244.5	177.2	177.4	168.2	.696
305.2	16.60	12.20	338.9	47.9	239.4	160.6	160.7	177.5	.678
320.9	16.58	12.22	340.3	47.8	239.0	160.6	160.7	176.9	.675
336.8	16.59	12.20	338.0	47.8	238.7	160.3	160.5	176.8	.677
349.8	16.58	12.19	338.6	47.2	239.2	162.6	162.7	175.3	.678

TABLE IV. - Continued.

(b) Continued.

(b-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.46	11.38	345.0	50.2	263.5	168.0	169.8	201.6	.746
21.6	16.48	11.43	344.2	50.2	261.9	166.8	168.5	200.5	.742
27.0	16.47	11.44	344.4	50.2	261.5	166.9	168.6	200.0	.741
49.4	16.52	11.31	343.3	50.1	266.2	170.0	171.7	203.4	.757
65.0	16.53	11.33	343.2	50.0	265.6	170.2	171.9	202.5	.755
77.6	16.60	11.33	343.3	49.8	266.9	171.4	173.2	203.0	.759
87.3	16.50	11.34	342.9	49.9	264.5	169.6	171.3	201.5	.752
109.5	16.68	11.36	343.7	50.2	267.9	170.7	172.5	205.0	.762
133.1	16.78	11.35	342.5	46.0	269.7	186.6	188.5	192.9	.769
149.0	16.76	11.35	341.9	46.1	269.0	185.6	187.5	192.9	.767
164.9	16.67	11.35	341.9	45.7	267.3	185.7	187.6	190.4	.762
178.0	16.47	11.33	342.3	45.5	264.0	184.2	186.1	187.2	.751
190.4	16.55	11.33	342.0	46.0	265.6	183.6	185.5	190.1	.756
209.6	16.35	11.35	342.3	45.0	260.9	183.7	185.6	183.4	.741
215.0	16.38	11.38	340.1	44.9	260.1	183.2	185.0	182.8	.741
237.4	16.36	11.42	342.3	46.1	259.3	178.9	180.7	185.9	.736
253.0	16.45	11.43	342.1	44.8	260.5	183.9	185.8	182.6	.740
265.6	16.29	11.45	341.7	45.7	256.6	178.4	180.2	182.7	.728
275.3	16.36	11.45	340.7	44.8	257.7	182.0	183.9	180.6	.733
297.5	16.33	11.41	341.1	44.7	258.4	182.6	184.5	180.9	.735
305.1	16.47	11.40	344.5	50.5	262.8	166.3	168.0	202.0	.744
321.0	16.44	11.40	343.6	50.5	261.9	165.8	167.4	201.4	.743
336.9	16.46	11.40	344.8	50.0	262.6	167.9	169.7	200.4	.743
350.0	16.41	11.40	344.1	50.5	261.3	165.7	167.4	200.7	.740

(b-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	17.38	13.72	358.5	-2	216.7	215.9	216.7	-8	.591
23.4	17.39	13.73	360.7	-7	217.5	216.7	217.4	-2.6	.591
35.9	17.20	13.70	358.8	-9	212.9	212.1	212.9	-3.4	.579
48.6	17.26	13.69	358.0	-1.3	214.8	214.0	214.7	-4.9	.585
67.9	17.10	13.73	358.0	-1.9	209.3	208.4	209.2	-6.9	.569
80.6	17.20	13.73	360.1	-2.1	212.4	211.5	212.3	-7.6	.577
95.8	17.06	13.70	359.2	-1.9	209.2	208.3	209.1	-6.8	.568
111.0	17.11	13.71	359.3	-2.5	210.4	209.5	210.2	-9.0	.572
123.9	17.19	13.72	357.3	-2.0	211.8	210.9	211.6	-7.3	.577
139.5	17.17	13.73	357.4	-2.1	211.1	210.2	210.9	-7.7	.575
156.5	17.16	13.73	354.8	-1.9	209.8	208.9	209.6	-7.0	.574
171.4	17.37	13.72	356.8	.6	216.1	215.4	216.1	2.2	.590
187.6	17.38	13.73	356.2	.6	215.9	215.2	215.9	2.4	.590
203.4	17.36	13.71	354.9	.5	215.7	215.0	215.7	1.8	.591
215.9	17.25	13.76	353.3	.4	210.8	210.1	210.8	1.3	.578
228.6	17.24	13.78	352.4	.2	209.7	208.9	209.7	.9	.575
247.9	17.24	13.78	352.3	.1	209.4	208.7	209.4	.5	.575
260.6	17.35	13.76	353.8	.2	213.3	212.6	213.3	.7	.585
275.8	17.41	13.74	355.1	.3	215.8	215.1	215.8	1.0	.591
291.0	17.40	13.75	354.8	.3	215.2	214.5	215.2	1.2	.589
303.9	17.40	13.76	355.4	.4	215.1	214.4	215.1	1.4	.589
319.5	17.43	13.75	354.6	.5	216.1	215.3	216.1	2.0	.592
336.5	17.36	13.76	356.6	.6	214.5	213.7	214.5	2.2	.586
351.0	17.54	13.74	357.6	-.1	220.0	219.2	220.0	-.2	.601

TABLE IV. - Continued.

(b) Continued.

(b-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	17.44	13.74	355.1	-2.5	216.5	215.6	216.3	-9.6	.593
22.7	17.54	13.76	357.4	-1.9	219.3	218.4	219.1	-7.1	.599
36.0	17.26	13.73	354.6	-2.7	212.1	211.2	211.9	-9.8	.581
48.7	17.38	13.72	353.8	-2.7	215.4	214.4	215.1	-10.0	.591
67.9	17.34	13.75	354.3	-2.5	213.7	212.7	213.5	-9.1	.585
80.4	17.38	13.76	357.7	-2.5	215.3	214.3	215.1	-9.2	.587
96.1	17.29	13.76	355.7	-2.8	212.2	211.2	212.0	-10.3	.580
111.7	17.42	13.75	356.7	-2.4	216.3	215.3	216.1	-9.0	.591
124.1	17.40	13.75	355.5	-2.6	215.7	214.7	215.5	-9.8	.590
139.5	17.38	13.77	353.3	-2.7	213.9	212.9	213.6	-9.9	.587
156.4	17.49	13.77	353.6	-2.8	216.5	215.5	216.3	-10.4	.594
171.6	17.47	13.76	353.1	-.8	216.5	215.7	216.5	-2.9	.595
187.1	17.49	13.78	352.6	-.6	216.0	215.2	216.0	-2.3	.594
202.7	17.41	13.77	350.4	-.7	213.5	212.7	213.4	-2.8	.588
216.0	17.37	13.79	349.8	-.8	211.6	210.8	211.6	-2.8	.583
228.7	17.32	13.81	348.1	-.8	209.3	208.5	209.3	-2.8	.578
247.9	17.40	13.78	348.9	-1.0	212.5	211.7	212.5	-3.7	.587
260.4	17.43	13.76	350.1	-1.2	214.2	213.4	214.2	-4.4	.591
276.1	17.44	13.76	350.9	-1.2	214.9	214.0	214.8	-4.6	.592
291.7	17.44	13.76	350.5	-1.4	214.8	213.9	214.7	-5.1	.592
304.1	17.48	13.75	351.6	-1.4	216.2	215.3	216.1	-5.4	.595
319.5	17.45	13.76	350.8	-1.9	215.1	214.2	215.0	-6.9	.593
336.4	17.40	13.76	353.1	-1.4	214.3	213.4	214.2	-5.2	.588
351.6	17.42	13.75	354.3	-3.2	215.8	214.7	215.5	-11.9	.592

(b-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	17.37	13.70	352.8	-3.6	215.6	214.4	215.2	-13.6	.593
23.3	17.48	13.70	354.2	-3.6	218.6	217.4	218.2	-13.7	.600
35.9	17.31	13.69	351.0	-3.1	213.8	212.7	213.5	-11.4	.589
49.0	17.49	13.68	353.2	-2.9	219.1	218.0	218.8	-11.2	.602
67.4	17.51	13.76	353.0	-2.8	217.2	216.1	216.9	-10.6	.597
80.1	17.55	13.81	354.1	-2.8	217.2	216.1	216.9	-10.8	.596
95.7	17.51	13.81	351.9	-2.9	215.4	214.3	215.1	-10.8	.593
111.0	17.57	13.80	353.3	-3.0	217.6	216.5	217.3	-11.3	.598
123.9	17.57	13.80	352.2	-3.1	217.4	216.2	217.0	-11.6	.598
139.5	17.66	13.79	353.0	-3.3	219.9	218.7	219.6	-12.6	.605
156.0	17.61	13.78	351.8	-3.2	218.6	217.4	218.2	-12.3	.602
171.4	17.63	13.78	350.8	-1.2	218.8	217.9	218.7	-4.4	.604
187.2	17.63	13.78	351.1	-1.5	218.9	217.9	218.8	-5.7	.604
203.3	17.58	13.79	349.7	-1.7	216.8	215.9	216.7	-6.2	.599
215.9	17.48	13.80	348.5	-1.8	213.7	212.8	213.6	-6.8	.591
229.0	17.47	13.81	347.9	-1.6	213.1	212.2	213.1	-6.0	.590
247.4	17.45	13.73	349.4	-1.6	215.3	214.4	215.2	-6.2	.595
260.1	17.44	13.70	349.2	-1.6	216.3	215.4	216.2	-6.1	.598
275.7	17.45	13.70	349.1	-1.6	216.3	215.4	216.2	-5.9	.598
291.0	17.42	13.70	349.3	-1.5	215.6	214.7	215.5	-5.7	.596
303.9	17.46	13.72	349.9	-1.8	216.3	215.4	216.2	-6.9	.597
319.5	17.41	13.72	349.0	-1.7	214.7	213.8	214.6	-6.5	.593
336.0	17.34	13.71	350.5	-1.8	213.6	212.7	213.5	-6.7	.589
351.4	17.32	13.71	352.4	-3.4	214.0	212.8	213.6	-12.6	.588

TABLE IV. - Continued.

(b) Continued.

(b-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	17.06	13.60	347.5	-3.3	209.2	208.0	208.9	-12.2	.578
15.6	17.02	13.61	347.4	-3.2	207.9	206.7	207.5	-11.6	.574
35.7	17.05	13.61	346.5	-3.0	208.6	207.5	208.3	-10.8	.577
49.1	17.15	13.60	348.3	-3.0	211.8	210.7	211.5	-11.1	.585
68.3	17.18	13.67	348.9	-2.7	210.5	209.5	210.3	-9.9	.581
80.5	17.23	13.69	350.1	-2.7	211.3	210.2	211.0	-9.8	.582
96.3	17.20	13.70	348.1	-2.7	209.8	208.8	209.6	-9.7	.580
111.3	17.28	13.68	348.7	-2.5	212.5	211.4	212.3	-9.3	.587
124.0	17.36	13.68	349.2	-2.5	214.8	213.7	214.6	-9.4	.593
139.6	17.29	13.69	349.6	-2.3	212.7	211.7	212.5	-8.6	.587
156.7	17.26	13.70	348.4	-2.4	211.3	210.3	211.1	-8.9	.584
171.4	17.45	13.70	349.0	-1.4	216.3	215.4	216.3	-5.4	.598
187.6	17.45	13.70	348.9	-1.4	216.4	215.4	216.3	-5.3	.598
195.6	17.41	13.70	349.2	-1.5	215.3	214.3	215.2	-5.6	.595
215.7	17.36	13.73	347.8	-1.3	213.0	212.1	212.9	-4.8	.589
229.1	17.30	13.73	347.4	-1.2	211.3	210.4	211.3	-4.5	.585
248.3	17.25	13.63	347.5	-1.2	213.4	212.5	213.3	-4.6	.591
260.5	17.30	13.59	348.3	-1.3	215.9	214.9	215.8	-5.0	.597
276.3	17.29	13.58	348.0	-1.3	215.9	215.0	215.9	-4.9	.598
291.3	17.19	13.58	346.9	-1.3	213.1	212.2	213.0	-4.8	.590
304.0	17.27	13.59	347.8	-1.4	214.9	214.0	214.9	-5.1	.595
319.6	17.23	13.61	347.1	-1.2	214.3	213.4	214.3	-4.4	.594
336.7	17.15	13.63	347.4	-1.5	210.7	209.8	210.7	-5.6	.583
351.4	17.04	13.61	347.4	-3.2	208.2	207.1	207.9	-11.5	.575

(b-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	16.91	13.56	345.9	-4.2	206.2	204.8	205.7	-15.0	.571
23.2	16.97	13.54	346.9	-4.1	208.8	207.4	208.7	-14.9	.578
35.8	16.92	13.54	345.1	-3.8	206.8	205.5	206.4	-13.6	.573
48.3	16.98	13.55	345.4	-3.9	208.3	207.0	207.8	-14.0	.578
68.0	17.02	13.66	345.9	-3.8	205.5	204.2	205.1	-13.6	.569
80.4	17.02	13.71	346.4	-3.7	204.5	203.2	204.1	-13.1	.565
96.0	17.01	13.69	345.0	-3.7	204.1	202.9	203.7	-13.0	.566
111.9	17.13	13.67	346.9	-3.9	208.5	207.2	208.1	-14.0	.577
123.8	17.15	13.66	346.8	-3.6	209.3	208.0	208.8	-13.2	.579
139.8	17.10	13.65	346.7	-3.5	208.4	207.2	208.0	-12.8	.577
155.6	17.13	13.64	346.3	-3.7	209.1	207.8	208.7	-13.3	.579
171.1	17.23	13.66	346.9	-2.2	211.5	210.5	211.3	-7.9	.586
186.9	17.29	13.65	347.3	-2.0	213.4	212.4	213.3	-7.3	.591
203.2	17.28	13.65	346.8	-2.0	212.9	211.9	212.8	-7.4	.590
215.8	17.21	13.67	346.1	-2.0	210.3	209.3	210.2	-7.2	.583
228.3	17.17	13.69	345.1	-1.9	208.7	207.7	208.5	-7.1	.579
248.0	17.10	13.60	345.2	-2.0	209.6	208.6	209.5	-7.1	.582
260.4	17.12	13.57	345.5	-2.0	211.2	210.2	211.1	-7.3	.586
276.0	17.12	13.58	345.8	-2.2	211.0	210.0	210.8	-8.1	.585
291.9	17.06	13.57	345.3	-2.2	209.3	208.3	209.2	-7.9	.581
303.8	17.07	13.58	345.1	-2.2	209.4	208.4	209.2	-7.9	.581
319.8	17.11	13.57	344.1	-2.1	210.2	209.2	210.1	-7.7	.584
335.6	17.00	13.57	344.4	-2.2	207.8	206.8	207.7	-7.9	.577
351.1	16.89	13.57	345.1	-4.2	205.1	203.7	204.5	-15.1	.568

TABLE IV. - Continued.

(b) Continued.

(b-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	16.82	13.56	343.2	-3.8	203.1	201.7	202.6	-13.4	.564
22.8	16.84	13.54	344.0	-3.9	204.2	202.8	203.7	-13.8	.567
36.5	16.75	13.56	342.0	-3.8	200.5	199.2	200.1	-13.1	.557
48.8	16.87	13.58	343.0	-3.6	203.5	202.2	203.1	-12.8	.565
68.2	16.89	13.66	343.1	-3.9	201.4	200.0	200.9	-13.5	.559
80.7	16.87	13.68	343.6	-4.1	200.4	199.0	199.9	-14.2	.556
94.3	16.88	13.65	343.3	-4.0	201.7	200.3	201.2	-14.1	.560
111.6	17.04	13.66	344.8	-3.7	206.1	204.8	205.7	-13.4	.572
124.2	17.08	13.67	344.3	-3.8	206.7	205.3	206.2	-13.7	.574
139.9	17.08	13.66	345.3	-3.5	207.2	205.9	206.8	-12.5	.574
156.3	17.02	13.66	344.2	-3.3	205.2	204.0	204.8	-11.9	.569
171.4	17.20	13.67	344.7	-2.2	209.9	208.9	209.8	-8.0	.583
187.2	17.17	13.65	344.7	-2.4	209.6	208.6	209.5	-8.6	.582
202.8	17.18	13.64	345.3	-2.4	210.3	209.2	210.1	-8.6	.583
216.5	17.14	13.68	343.8	-2.3	207.6	206.5	207.4	-8.5	.577
228.8	17.10	13.71	343.3	-2.2	205.7	204.6	205.5	-8.0	.572
248.2	17.05	13.62	343.6	-2.4	207.2	206.1	207.0	-8.8	.576
260.7	17.07	13.57	344.3	-2.4	209.6	208.5	209.4	-8.7	.582
274.3	17.09	13.55	344.4	-2.4	210.6	209.5	210.4	-8.7	.585
291.6	17.03	13.55	343.3	-2.5	208.8	207.7	208.6	-9.1	.581
304.2	17.03	13.57	343.4	-2.6	208.1	207.0	207.9	-9.2	.579
319.9	17.07	13.57	342.8	-2.5	208.9	207.8	208.7	-9.2	.582
336.3	16.99	13.58	343.4	-2.4	207.0	206.0	206.9	-8.8	.576
351.4	16.81	13.57	343.0	-3.8	201.9	200.6	201.5	-13.4	.561

(b-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	16.41	13.54	338.4	-1.9	190.5	189.5	190.4	-6.4	.531
23.6	16.39	13.56	338.4	-2.0	189.6	188.5	189.4	-6.5	.528
36.2	16.44	13.56	337.8	-1.9	190.7	189.7	190.6	-6.4	.532
48.8	16.43	13.56	337.4	-2.0	190.3	189.2	190.1	-6.7	.531
67.4	16.46	13.63	337.6	-2.0	188.4	187.4	188.3	-6.5	.525
80.5	16.43	13.68	338.1	-2.1	186.0	185.0	185.9	-6.7	.518
96.1	16.49	13.67	338.2	-1.9	188.4	187.4	188.3	-6.2	.525
111.4	16.51	13.65	339.2	-1.9	190.0	189.0	189.9	-6.3	.529
123.9	16.57	13.62	340.1	-1.8	193.0	192.0	193.0	-6.1	.537
139.4	16.65	13.61	340.2	-2.2	195.7	194.6	195.6	-7.5	.545
156.4	16.60	13.63	339.3	-2.1	193.2	192.2	193.1	-6.9	.538
171.5	16.58	13.63	340.6	-2.0	193.1	192.0	192.9	-6.7	.537
187.2	16.67	13.62	340.9	-2.1	195.9	194.8	195.8	-7.0	.545
203.6	16.68	13.65	341.3	-2.0	195.5	194.4	195.3	-6.8	.543
216.2	16.63	13.66	340.3	-2.0	193.4	192.4	193.3	-6.7	.538
228.8	16.56	13.66	339.6	-2.1	191.1	190.1	191.0	-6.9	.532
247.4	16.50	13.62	339.2	-1.6	190.7	189.9	190.8	-5.3	.531
260.5	16.62	13.59	339.9	-1.9	195.1	194.0	195.0	-6.6	.543
276.1	16.57	13.59	339.2	-1.8	193.7	192.7	193.6	-5.9	.540
291.4	16.59	13.59	339.2	-1.6	194.5	193.4	194.4	-5.3	.542
303.9	16.55	13.57	339.5	-1.6	193.8	192.8	193.7	-5.5	.540
319.4	16.57	13.56	338.3	-1.7	194.6	193.6	194.5	-5.6	.543
336.4	16.50	13.57	339.0	-1.6	192.4	191.4	192.3	-5.4	.536
351.5	16.40	13.56	338.3	-1.8	189.6	188.6	189.6	-5.9	.529

TABLE IV. - Continued.

(b) Concluded.

(b-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	16.57	13.88	334.4	15.0	182.1	174.3	176.0	46.6	.509
24.9	16.58	13.67	334.6	15.0	190.1	182.0	183.8	48.6	.533
44.2	16.57	13.89	334.6	15.0	181.8	174.1	175.8	46.5	.509
56.9	16.59	13.72	334.8	15.0	188.4	180.4	182.2	48.2	.528
72.1	16.60	13.70	334.9	15.0	189.6	181.5	183.2	48.5	.531
87.3	16.58	13.72	335.0	15.0	188.2	180.2	181.9	48.2	.527
100.2	16.64	13.61	335.1	15.0	193.7	185.4	187.2	49.6	.543
115.8	16.67	13.94	335.1	15.0	183.0	175.3	177.0	46.8	.512
132.8	16.71	13.62	335.3	15.0	195.6	187.3	189.1	50.1	.549
327.7	16.58	13.80	334.2	15.0	185.2	177.3	179.1	47.4	.519
343.9	16.59	13.78	334.3	15.0	186.2	178.3	180.0	47.6	.522
359.7	16.58	13.75	334.4	15.0	187.0	179.1	180.8	47.9	.524

(b-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.6	16.17	13.37	334.1	11.8	188.4	183.0	184.5	38.2	.528
73.8	16.12	13.37	334.0	11.8	186.9	181.6	183.0	37.9	.524
89.6	16.08	13.40	333.9	11.8	184.6	179.3	180.8	37.4	.517
102.1	16.05	13.31	333.8	11.8	186.9	181.6	183.0	37.9	.524
114.8	16.13	13.48	333.6	11.8	183.1	177.9	179.3	37.1	.513
134.1	16.08	13.31	333.5	11.8	187.5	182.2	183.6	38.0	.526
146.8	16.08	13.31	333.4	11.8	187.5	182.2	183.6	38.0	.526
162.0	16.14	13.30	333.9	11.8	190.1	184.7	186.2	38.5	.534
177.2	16.17	13.29	334.4	11.8	191.4	185.9	187.4	38.8	.537
190.1	16.19	13.29	334.5	11.8	192.0	186.5	188.0	38.9	.539
205.7	16.18	13.28	334.2	11.8	192.1	186.7	188.1	39.0	.539
222.7	16.15	13.30	334.0	11.8	190.4	185.0	186.5	38.6	.534

(b-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.7	15.50	13.01	334.8	6.7	181.3	178.7	180.1	21.0	.507
29.7	15.48	12.96	334.7	6.7	182.3	179.7	181.1	21.2	.510
224.6	15.37	13.10	334.0	6.7	173.1	170.6	171.9	19.9	.483
240.8	15.37	13.06	333.9	6.7	174.5	172.0	173.3	20.1	.488
256.6	15.33	13.06	334.7	6.7	173.6	171.1	172.4	20.1	.484
269.1	15.38	13.04	334.0	6.7	175.7	173.3	174.6	20.3	.491
281.8	15.41	12.99	334.0	6.7	178.7	176.2	177.5	20.7	.500
301.1	15.50	13.09	335.4	6.7	178.1	175.6	176.9	20.6	.497
313.8	15.52	12.99	335.2	6.7	182.9	180.3	181.7	21.2	.511
329.0	15.48	13.00	335.1	6.7	181.0	178.4	179.8	21.0	.506
344.2	15.47	12.99	335.0	6.7	181.1	178.5	179.9	21.0	.506
357.1	15.49	12.99	334.9	6.7	181.8	179.2	180.5	21.1	.508

TABLE IV. - Continued.

(c) 97 Percent of design speed; reading 1258-1389

(c-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	8.98	8.21	287.3	-0.6	120.6	120.6	120.6	-1.2	.359
25.0	9.72	8.25	289.8	-5.5	163.4	162.7	162.7	-15.7	.490
37.3	9.93	8.23	289.5	-11.2	174.2	170.9	170.9	-33.8	.525
56.1	9.56	8.33	288.7	-20.9	149.6	139.7	139.7	-53.4	.448
69.1	9.65	8.47	289.0	-16.9	145.6	139.3	139.3	-42.2	.435
84.7	9.72	8.52	288.4	-15.6	145.9	140.6	140.6	-39.2	.437
100.2	9.77	8.54	288.9	-11.0	148.0	145.3	145.3	-28.2	.443
112.4	9.74	8.58	288.2	-12.8	143.6	140.1	140.1	-31.7	.430
128.3	9.96	8.64	287.8	-10.9	151.3	148.6	148.6	-28.6	.454
143.9	10.06	8.61	289.1	-10.4	158.6	156.0	156.0	-28.6	.476
162.5	10.21	8.67	287.7	-7.9	162.3	160.8	160.8	-22.3	.489
178.9	10.22	8.70	288.0	-3.0	161.2	161.0	161.0	-8.4	.485
195.3	10.23	8.70	287.4	1.4	161.2	161.1	161.1	3.9	.485
208.0	10.18	8.69	288.9	4.7	159.9	159.4	159.4	13.1	.480
220.3	9.99	8.68	287.2	6.4	150.5	149.6	149.6	16.8	.452
239.1	9.94	8.62	287.7	8.3	151.5	149.9	150.0	21.7	.455
252.1	9.94	8.53	288.8	9.9	157.4	155.0	155.0	27.1	.472
267.7	9.81	8.44	286.8	10.4	155.8	153.2	153.2	28.0	.469
283.2	9.74	8.40	287.8	12.2	154.9	151.4	151.4	32.6	.465
295.4	9.67	8.38	286.7	13.4	151.9	147.8	147.8	35.2	.457
311.3	9.65	8.31	287.4	16.6	155.6	149.1	149.1	44.5	.468
326.9	9.69	8.26	288.6	12.5	160.4	156.6	156.6	34.7	.482
339.5	9.52	8.22	289.1	2.6	154.5	154.4	154.4	7.1	.463
355.9	9.17	8.17	288.2	-2.6	136.9	136.8	136.8	-6.3	.409

(c-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	9.29	8.23	287.3	.8	140.3	140.3	140.3	1.9	.420
25.1	10.18	8.26	289.4	-3.4	183.7	183.3	183.4	-11.0	.555
37.4	9.98	8.25	288.9	-9.6	175.4	172.9	172.9	-29.4	.529
56.5	9.70	8.32	289.0	-12.0	158.1	154.7	154.7	-32.8	.474
68.7	9.75	8.44	289.1	-11.3	153.3	150.3	150.3	-30.0	.459
84.6	9.83	8.49	288.8	-11.6	153.9	150.8	150.8	-31.0	.461
100.1	9.84	8.52	288.5	-11.0	152.9	150.1	150.1	-29.0	.458
112.4	9.89	8.53	288.4	-7.9	154.9	153.4	153.4	-21.3	.465
128.5	9.86	8.61	287.5	-7.4	148.3	147.1	147.1	-19.0	.445
143.6	10.13	8.63	287.3	-6.4	160.5	159.4	159.5	-17.9	.483
163.1	10.03	8.64	287.1	-5.4	155.0	154.3	154.4	-14.6	.466
178.7	10.22	8.66	287.2	-2.9	163.3	163.1	163.1	-8.1	.492
194.8	10.22	8.68	288.1	.5	162.4	162.4	162.4	1.3	.489
208.1	10.20	8.67	287.3	3.8	161.7	161.4	161.4	10.8	.487
220.4	10.11	8.65	287.6	5.2	158.8	158.2	158.2	14.4	.478
239.5	10.06	8.57	287.3	3.7	160.4	160.0	160.0	10.4	.483
251.7	9.88	8.49	287.5	8.1	156.5	155.0	155.0	21.9	.471
267.6	9.95	8.41	287.8	6.6	164.4	163.3	163.3	18.8	.495
283.1	9.79	8.38	287.4	7.9	158.1	156.6	156.6	21.7	.476
295.4	9.80	8.36	287.4	8.0	160.4	158.8	158.9	22.4	.483
311.5	9.73	8.30	287.4	11.0	160.1	157.2	157.2	30.5	.482
326.6	9.50	8.28	287.0	6.2	149.1	148.2	148.2	16.1	.448
340.1	9.93	8.25	289.8	-1.0	173.2	173.2	173.2	-2.9	.521
355.7	9.39	8.21	287.4	-4.9	147.6	147.0	147.0	-12.7	.443

TABLE IV. - Continued.

(c) Continued.

(c-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	9.27	8.24	286.9	-2.5	138.1	137.9	137.9	-6.0	.414
25.2	10.24	8.26	289.5	-2.4	186.5	186.3	186.3	-7.8	.564
37.1	9.53	8.27	287.3	-1.8	151.2	151.2	151.2	-4.7	.454
56.6	9.64	8.32	287.5	-3.5	154.0	153.7	153.7	-9.5	.463
69.1	10.18	8.47	290.4	-1.2	172.8	172.8	172.8	-3.5	.520
84.7	9.85	8.48	288.0	-4.3	155.8	155.3	155.3	-11.8	.468
100.1	10.08	8.51	289.5	-4.2	166.2	165.7	165.7	-12.3	.499
112.6	10.16	8.52	288.3	-3.8	168.3	167.9	168.0	-11.1	.507
128.5	10.04	8.58	286.8	-4.1	159.2	158.7	158.8	-11.2	.480
143.9	10.14	8.63	287.4	-4.6	161.3	160.8	160.8	-12.8	.486
163.0	10.09	8.65	286.9	-3.9	157.8	157.4	157.4	-10.6	.475
178.7	10.19	8.67	286.6	-1.5	161.3	161.2	161.3	-4.2	.487
194.8	10.29	8.67	287.6	1.1	166.0	165.9	165.9	3.2	.500
208.2	10.26	8.67	287.7	2.2	164.9	164.7	164.7	6.4	.497
220.1	10.05	8.66	286.9	2.0	155.2	155.0	155.1	5.4	.467
239.6	9.96	8.58	287.5	3.3	155.2	154.9	154.9	9.0	.466
252.1	9.96	8.52	286.6	2.7	158.7	158.5	158.5	7.4	.478
267.7	10.10	8.45	287.8	3.0	169.5	169.3	169.3	8.8	.511
283.1	9.96	8.42	287.8	.4	164.6	164.6	164.6	1.2	.496
295.6	10.22	8.38	288.5	.0	178.8	178.7	178.8	.1	.540
311.5	9.53	8.31	284.5	1.2	148.7	148.6	148.7	3.1	.449
326.9	9.53	8.29	285.9	-1.3	149.8	149.7	149.7	-3.5	.451
340.0	10.03	8.28	289.3	-3.2	176.1	175.8	175.8	-10.0	.531
355.7	9.54	8.24	287.1	-2.7	153.5	153.3	153.3	-7.2	.461

(c-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	10.08	8.22	288.8	-.9	181.4	181.3	181.4	-2.8	.548
24.8	10.27	8.23	289.0	-1.2	188.8	188.7	188.8	-3.8	.572
37.4	10.05	8.25	289.0	-1.8	178.5	178.3	178.4	-5.7	.539
56.7	10.00	8.30	289.9	-.9	173.9	173.8	173.9	-2.7	.523
69.1	10.25	8.43	289.2	.2	177.5	177.4	177.5	.7	.535
84.8	10.07	8.43	287.6	.1	168.8	168.8	168.8	.4	.509
100.1	10.11	8.47	288.1	-4.1	168.8	168.3	168.3	-12.2	.509
112.8	10.19	8.50	288.1	-3.4	171.0	170.7	170.7	-10.1	.516
128.4	10.15	8.52	287.6	-2.4	167.9	167.7	167.8	-7.1	.506
143.8	10.12	8.56	288.0	-4.2	164.5	164.0	164.1	-12.2	.495
162.6	9.99	8.60	286.3	.2	155.1	155.1	155.1	.5	.467
178.8	10.13	8.62	287.4	1.2	161.2	161.1	161.1	3.5	.485
194.7	10.29	8.62	287.8	.3	168.9	168.8	168.9	1.0	.509
207.8	10.18	8.62	287.0	.4	163.7	163.7	163.7	1.1	.494
220.4	10.06	8.60	286.7	-.3	158.5	158.5	158.5	-.7	.478
239.7	10.19	8.52	288.6	-.6	169.9	169.9	169.9	-1.7	.512
252.1	10.14	8.45	289.3	.4	171.7	171.7	171.7	1.3	.517
267.8	10.07	8.39	287.0	.0	171.1	171.0	171.1	.1	.517
283.1	10.01	8.37	287.2	.0	169.6	169.5	169.6	.0	.512
295.8	10.22	8.34	287.2	-1.9	180.7	180.6	180.6	-6.1	.548
311.4	9.92	8.29	287.5	-3.9	169.8	169.4	169.5	-11.4	.513
326.8	10.09	8.27	288.0	-2.3	178.9	178.7	178.7	-7.1	.541
339.6	10.19	8.25	290.5	-2.7	184.8	184.6	184.6	-8.8	.558
355.8	10.01	8.22	290.9	-.5	178.6	178.5	178.6	-1.7	.537

TABLE IV. - Continued.

(c) Continued.

(c-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.18	8.21	289.2	-1.4	186.1	185.9	186.0	-4.4	.563
25.1	10.25	8.22	288.8	-2.1	188.2	188.0	188.0	-7.0	.570
37.1	10.13	8.23	289.4	-.5	183.0	182.9	183.0	-1.5	.553
56.7	10.05	8.27	289.1	1.4	177.2	177.1	177.2	4.4	.535
69.3	10.07	8.43	288.7	-1.1	169.6	169.5	169.6	-3.3	.511
84.3	9.90	8.43	288.4	-1.4	161.5	161.4	161.5	-3.8	.485
100.3	10.19	8.46	287.1	-1.8	172.8	172.7	172.7	-5.5	.523
112.7	10.21	8.48	289.3	-1.7	173.4	173.3	173.3	-5.0	.522
128.3	10.17	8.53	286.6	-2.7	167.9	167.6	167.7	-7.8	.507
143.6	10.19	8.54	287.1	-1.4	168.2	168.0	168.1	-4.0	.508
162.4	10.01	8.57	286.2	2.6	157.8	157.6	157.7	7.1	.476
178.8	10.16	8.59	287.4	1.8	164.6	164.5	164.5	5.0	.496
194.9	10.28	8.59	286.7	.8	169.4	169.4	169.4	2.3	.512
208.1	10.26	8.58	287.7	-.3	169.3	169.2	169.3	-.7	.511
220.1	10.19	8.57	287.5	-2.1	166.7	166.5	166.6	-6.2	.503
239.7	10.22	8.50	289.1	-.3	172.1	172.1	172.1	-.9	.518
252.3	10.18	8.44	287.6	-1.7	173.7	173.6	173.6	-5.2	.525
267.3	10.21	8.39	288.3	-2.4	178.0	177.8	177.9	-7.3	.538
283.3	10.06	8.36	287.3	-.9	172.6	172.5	172.6	-2.7	.522
295.7	10.22	8.32	286.9	-2.7	181.1	180.9	180.9	-8.7	.549
311.3	10.16	8.28	287.8	-4.4	181.4	180.8	180.9	-13.9	.549
326.6	10.24	8.27	288.1	-1.9	185.3	185.1	185.2	-6.0	.562
339.4	10.22	8.26	289.5	-4.3	185.2	184.6	184.7	-13.9	.560
355.8	10.23	8.23	288.1	-1.8	186.7	186.5	186.6	-5.8	.566

(c-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	10.20	8.22	289.7	-1.6	186.8	186.6	186.7	-5.2	.565
24.7	10.24	8.22	289.3	-.2	188.1	188.0	188.1	-.7	.569
37.2	10.21	8.24	289.5	.2	185.9	185.8	185.9	.7	.562
56.3	10.15	8.27	289.2	.8	181.4	181.3	181.4	2.5	.548
69.3	10.21	8.43	287.4	1.4	175.7	175.6	175.6	4.2	.531
84.7	10.03	8.43	288.7	-.4	167.5	167.4	167.5	-1.3	.504
100.1	10.13	8.47	287.9	.1	170.2	170.1	170.2	.2	.513
112.5	10.25	8.49	288.9	-1.1	174.4	174.3	174.3	-3.5	.526
128.4	10.09	8.51	287.5	-1.5	165.5	165.4	165.5	-4.4	.499
143.7	10.22	8.54	288.7	-3.1	170.1	169.8	169.9	-9.1	.512
162.9	10.07	8.57	286.6	2.7	161.0	160.8	160.9	7.5	.486
178.9	10.18	8.58	287.4	3.2	165.8	165.4	165.5	9.4	.500
194.8	10.24	8.58	287.4	.6	168.9	168.8	168.8	1.7	.510
207.7	10.19	8.57	286.5	-.0	166.8	166.7	166.8	-.1	.504
220.2	10.20	8.56	286.9	-.0	167.8	167.7	167.8	-.1	.507
239.3	10.18	8.50	287.9	-1.7	170.3	170.2	170.3	-5.1	.514
252.3	10.22	8.43	287.2	-2.6	175.4	175.2	175.3	-7.9	.531
267.7	10.13	8.38	288.5	-1.5	175.0	174.9	175.0	-4.7	.528
283.1	10.14	8.35	288.2	-3.1	176.6	176.3	176.3	-9.5	.534
295.5	10.25	8.32	287.7	-2.3	182.8	182.6	182.7	-7.4	.554
311.4	10.26	8.29	288.2	-2.7	185.2	184.9	185.0	-8.7	.561
326.7	10.27	8.27	287.3	-.9	185.8	185.7	185.8	-2.8	.564
339.9	10.24	8.26	289.4	-2.6	186.1	185.9	185.9	-8.3	.563
355.9	10.20	8.23	289.7	-1.7	185.9	185.8	185.9	-5.6	.562

TABLE IV. - Continued.

(c) Continued.

(c-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.20	8.24	288.3	-1.5	185.2	185.1	185.2	-4.7	.561
25.0	10.19	8.25	288.3	.4	184.3	184.2	184.3	1.2	.558
37.1	10.25	8.26	287.9	1.1	185.8	185.7	185.8	3.6	.564
56.4	10.25	8.28	288.4	1.5	184.9	184.8	184.9	4.7	.560
68.8	10.24	8.40	288.0	1.0	178.5	178.4	178.5	3.0	.540
84.5	10.10	8.43	288.3	-.3	170.6	170.5	170.6	-.7	.514
100.2	10.21	8.45	288.9	1.4	175.0	174.9	174.9	4.3	.528
112.7	10.23	8.48	286.8	.9	173.2	173.1	173.2	2.8	.524
123.5	10.20	8.51	286.9	-.2	170.4	170.3	170.4	-.5	.515
143.8	10.23	8.54	286.6	-2.7	170.1	169.8	169.9	-7.9	.514
162.9	10.13	8.56	286.3	3.1	164.5	164.2	164.2	8.8	.497
179.0	10.24	8.57	285.7	2.2	168.9	168.7	168.8	6.3	.511
194.9	10.26	8.57	286.6	1.7	169.8	169.7	169.7	5.1	.514
208.0	10.26	8.56	287.5	-.3	170.4	170.3	170.4	-1.0	.514
220.1	10.25	8.55	287.3	-1.6	170.8	170.7	170.8	-4.7	.516
239.4	10.20	8.48	287.3	-2.4	171.9	171.7	171.8	-7.3	.520
251.8	10.26	8.41	289.3	-3.0	179.2	178.8	178.9	-9.4	.541
267.5	10.22	8.35	288.8	-2.7	180.5	180.2	180.3	-8.6	.545
283.2	10.23	8.33	289.0	-3.8	181.8	181.3	181.4	-12.1	.549
295.7	10.25	8.31	289.4	-3.0	184.0	183.7	183.8	-9.5	.556
311.5	10.26	8.29	288.0	-2.9	184.5	184.2	184.3	-9.3	.559
326.8	10.26	8.28	288.6	-.2	185.5	185.4	185.5	-.6	.562
339.9	10.24	8.27	289.5	-3.4	185.9	185.5	185.5	-10.9	.562
356.0	10.24	8.25	288.2	-1.7	186.4	186.2	186.3	-5.4	.565

(c-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
9.2	10.25	8.24	288.5	.1	187.5	187.4	187.5	.4	.563
24.6	10.23	8.24	288.4	.8	186.5	186.4	186.5	2.6	.565
37.4	10.25	8.24	288.5	2.2	186.9	186.7	186.8	7.0	.566
56.9	10.25	8.27	287.3	2.6	185.6	185.3	185.4	8.5	.563
68.6	10.25	8.40	287.5	2.8	178.7	178.4	178.5	8.7	.541
84.9	10.07	8.42	289.8	2.0	170.0	169.8	169.9	6.0	.511
100.4	10.21	8.44	289.3	3.4	175.6	175.2	175.3	10.4	.529
112.8	10.26	8.45	287.3	1.9	176.2	176.0	176.1	5.9	.533
128.4	10.22	8.47	287.7	.6	173.7	173.6	173.6	1.7	.525
143.6	10.23	8.49	287.0	-1.4	173.1	172.9	173.0	-4.3	.523
163.1	10.22	8.52	287.7	4.3	171.5	170.9	171.0	12.9	.518
178.8	10.24	8.53	288.4	1.9	172.0	171.8	171.9	5.8	.519
192.2	10.26	8.52	287.6	.4	172.8	172.7	172.8	1.2	.522
207.6	10.26	8.52	287.7	-1.4	173.0	172.9	172.9	-4.2	.522
220.4	10.26	8.51	288.2	-1.9	173.3	173.2	173.3	-5.7	.523
239.9	10.26	8.46	289.2	-3.5	176.5	176.1	176.1	-10.9	.532
251.6	10.26	8.40	289.9	-5.7	180.1	179.1	179.2	-17.8	.543
267.9	10.25	8.34	289.6	-7.4	182.6	181.0	181.1	-23.5	.551
283.4	10.26	8.31	290.0	-6.2	184.4	183.2	183.3	-20.0	.557
295.8	10.26	8.29	289.4	-5.4	185.5	184.6	184.7	-17.5	.561
311.4	10.26	8.27	287.8	-4.1	186.0	185.5	185.5	-13.3	.564
326.6	10.26	8.26	287.4	-1.9	186.1	186.0	186.0	-6.1	.565
340.1	10.25	8.25	288.9	-3.7	186.6	186.1	186.2	-12.0	.565
355.8	10.22	8.24	288.8	-1.4	186.2	186.0	186.1	-4.4	.564

TABLE IV. - Continued.

(c) Continued.

(c-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.25	8.26	287.5	-1.0	185.7	185.6	185.6	-3.1	.563
24.8	10.24	8.26	289.8	1.3	186.2	186.1	186.2	4.1	.563
37.5	10.26	8.27	288.3	1.7	186.1	186.0	186.0	5.5	.564
57.1	10.26	8.28	288.0	3.3	185.3	184.9	185.0	10.6	.562
68.9	10.24	8.42	289.0	2.8	178.0	177.7	177.7	8.8	.537
85.0	10.12	8.44	289.4	3.6	171.4	171.0	171.1	10.8	.516
99.7	10.25	8.45	288.5	3.3	176.3	175.9	176.0	10.2	.532
112.2	10.25	8.47	287.6	2.1	175.5	175.3	175.4	6.4	.531
128.2	10.25	8.49	288.9	1.2	174.8	174.7	174.7	3.5	.527
143.6	10.24	8.50	286.8	-.3	172.5	172.4	172.5	-.8	.522
162.6	10.25	8.53	286.8	2.9	172.0	171.7	171.8	8.7	.520
178.9	10.23	8.54	287.6	1.9	170.8	170.7	170.7	5.8	.516
194.9	10.27	8.53	288.3	.0	172.8	172.7	172.8	.1	.521
207.8	10.26	8.53	287.2	-1.5	172.6	172.5	172.6	-4.5	.522
220.5	10.27	8.51	288.9	-2.2	173.8	173.6	173.7	-6.7	.524
240.1	10.26	8.46	287.8	-4.2	176.4	175.9	176.0	-12.8	.533
251.9	10.26	8.40	288.7	-4.5	179.6	179.0	179.0	-13.9	.543
268.0	10.26	8.35	289.7	-7.2	182.4	180.9	181.0	-22.8	.551
282.7	10.26	8.33	289.0	-5.4	183.4	182.5	182.6	-17.2	.555
295.2	10.26	8.31	288.6	-6.1	184.3	183.2	183.2	-19.4	.558
311.2	10.26	8.29	290.1	-3.8	185.5	185.0	185.1	-12.4	.560
326.6	10.26	8.28	288.8	-2.1	185.5	185.3	185.4	-6.7	.561
339.6	10.25	8.27	288.7	-4.2	185.7	185.1	185.2	-13.5	.562
355.9	10.25	8.26	289.6	-1.5	186.5	186.4	186.4	-4.9	.564

(c-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	10.25	8.32	287.3	-.1	182.7	182.6	182.7	-.4	.554
23.6	10.25	8.32	288.3	.9	183.0	183.0	183.0	2.9	.554
37.2	10.25	8.33	287.7	2.0	182.8	182.7	182.7	6.3	.554
57.0	10.25	8.33	283.0	4.2	182.7	182.1	182.2	13.2	.553
68.8	10.25	8.44	289.2	3.9	177.3	176.8	176.9	12.0	.535
84.8	10.26	8.46	288.8	5.7	176.3	175.3	175.4	17.6	.532
100.3	10.25	8.47	286.5	5.3	175.1	174.3	174.4	16.1	.530
112.6	10.25	8.47	288.1	4.4	175.2	174.6	174.7	13.3	.529
128.3	10.25	8.48	289.0	3.5	174.9	174.5	174.5	10.8	.527
143.5	10.25	8.51	287.9	2.3	173.2	173.1	173.1	7.0	.523
163.1	10.25	8.53	287.4	4.3	172.0	171.4	171.5	12.8	.519
171.9	10.25	8.54	287.3	2.0	171.6	171.4	171.5	5.9	.518
194.7	10.26	8.54	287.7	-.8	172.0	172.0	172.0	-2.4	.519
206.6	10.26	8.53	288.6	2.2	172.5	172.4	172.4	-6.5	.520
220.2	10.26	8.52	287.5	-3.7	172.9	172.5	172.5	-11.3	.522
240.0	10.26	8.47	289.6	-6.1	176.4	175.4	175.4	-18.8	.532
251.8	10.26	8.40	289.7	-8.2	179.9	178.0	178.1	-25.7	.543
267.8	10.26	8.35	288.1	-7.3	182.1	180.6	180.7	-23.1	.551
283.3	10.26	8.33	288.9	-7.7	183.0	181.3	181.3	-24.6	.553
295.6	10.26	8.33	289.6	-7.3	183.6	182.1	182.2	-23.2	.555
311.3	10.26	8.32	290.0	-6.0	184.1	183.0	183.1	-19.2	.556
326.5	10.26	8.32	286.5	-3.6	183.1	182.7	182.7	-11.5	.556
340.1	10.24	8.32	288.2	-4.3	182.9	182.4	182.4	-13.6	.554
348.9	10.24	8.31	288.8	-3.5	183.2	182.8	182.8	-11.2	.554

TABLE IV. - Continued.

(c) Continued.

(c-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	10.24	8.39	287.4	-2	178.6	178.6	178.6	-7	.541
24.9	10.24	8.39	287.8	1.6	178.8	178.8	178.8	5.0	.541
37.2	10.24	8.38	288.9	3.1	179.6	179.3	179.3	9.6	.542
56.6	10.23	8.37	288.9	5.1	179.9	179.2	179.2	16.1	.543
69.1	10.24	8.47	287.9	7.6	174.4	172.8	172.8	23.0	.527
84.7	10.23	8.48	288.9	9.0	174.1	172.0	172.0	27.2	.525
100.2	10.24	8.49	288.9	8.1	174.1	172.3	172.3	24.5	.525
112.7	10.24	8.49	289.5	8.7	174.0	172.0	172.0	26.2	.524
128.2	10.23	8.51	290.0	5.0	172.8	172.1	172.1	15.0	.520
144.3	10.24	8.52	286.8	3.5	171.5	171.2	171.2	10.5	.519
162.7	10.23	8.53	286.9	2.5	170.7	170.6	170.6	7.3	.516
173.8	10.23	8.55	286.9	-1.4	169.8	169.8	169.8	-4.2	.513
194.8	10.24	8.55	287.3	-2.2	170.5	170.4	170.4	-6.4	.515
207.9	10.24	8.54	287.6	-5.4	170.9	170.2	170.2	-16.1	.516
220.2	10.24	8.52	288.3	-5.9	172.1	171.2	171.2	-17.6	.519
239.6	10.23	8.46	288.8	-6.1	175.2	174.2	174.2	-18.7	.529
252.1	10.24	8.39	289.5	-9.0	179.5	177.3	177.3	-28.1	.542
267.7	10.24	8.34	289.3	-8.9	182.1	180.0	180.0	-28.2	.550
283.2	10.25	8.34	289.0	-10.3	182.2	179.3	179.3	-32.6	.551
295.7	10.25	8.34	288.5	-8.1	181.8	180.0	180.0	-25.6	.550
311.2	10.25	8.34	290.6	-7.8	182.6	180.9	180.9	-24.7	.550
327.3	10.24	8.36	289.1	-5.7	181.1	180.2	180.2	-18.1	.547
339.7	10.23	8.37	287.8	-5.4	179.3	178.5	178.5	-16.8	.543
355.8	10.22	8.38	289.3	-2.8	179.3	179.0	179.0	-8.8	.541

(c-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	9.43	7.96	288.2	8.1	165.7	164.1	164.1	23.3	.499
20.7	9.53	7.95	288.9	7.1	170.9	169.6	169.6	21.2	.515
33.0	9.54	7.96	287.9	4.1	170.8	170.3	170.4	12.1	.515
51.8	9.54	7.95	288.5	3.5	171.3	171.0	171.0	10.4	.516
64.8	9.20	7.97	288.0	-0	152.5	152.5	152.5	-1	.458
80.4	9.46	7.97	289.3	2.3	166.7	166.6	166.6	6.7	.502
95.9	9.56	8.02	287.9	2.3	168.4	168.2	168.2	6.8	.508
108.1	9.57	8.06	287.5	3.1	165.9	165.6	165.7	8.9	.500
124.0	9.62	8.11	286.9	3.3	165.4	165.1	165.2	9.5	.499
139.6	9.73	8.14	287.1	4.3	169.2	168.7	168.7	12.6	.511
163.3	9.81	8.13	287.9	-1.6	173.6	173.5	173.5	-4.9	.524
179.7	9.91	8.19	288.3	-3	175.1	175.1	175.1	-8	.529
196.1	9.97	8.21	288.1	1.2	176.9	176.9	176.9	3.6	.535
208.8	10.04	8.21	289.0	2.0	179.7	179.6	179.6	6.3	.543
221.1	9.98	8.20	288.2	3.3	177.9	177.6	177.6	10.4	.538
239.9	9.83	8.17	287.9	4.3	172.2	171.6	171.7	12.9	.520
252.9	9.72	8.15	288.1	4.6	168.8	168.2	168.3	13.5	.509
268.5	9.69	8.11	287.6	4.6	169.1	168.6	168.6	13.6	.510
284.0	9.62	8.09	287.7	5.5	167.0	166.3	166.3	15.9	.504
296.2	9.55	8.03	287.0	6.2	163.5	162.5	162.6	17.6	.493
312.1	9.53	8.05	287.2	6.2	165.0	164.1	164.1	17.8	.498
327.7	9.36	8.04	288.0	7.5	156.9	155.5	155.6	20.5	.471
335.2	9.37	8.04	287.9	11.8	157.3	153.9	153.9	32.2	.473
351.6	9.52	8.01	288.7	10.2	167.2	164.5	164.6	29.7	.503

TABLE IV. - Continued.

(c) Continued.

(c-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	9.40	7.96	286.8	6.6	163.2	162.1	162.1	18.9	.492
20.8	9.79	7.96	288.0	6.4	182.1	181.0	181.0	20.4	.552
33.1	9.57	7.97	287.2	5.1	171.8	171.1	171.1	15.3	.519
52.2	9.55	7.97	287.6	4.4	170.2	169.7	169.7	12.9	.514
64.4	9.35	7.98	287.1	2.7	159.7	159.5	159.5	7.6	.481
80.3	9.67	8.00	288.5	4.0	174.8	174.4	174.4	12.3	.528
95.8	9.67	8.03	287.9	4.2	173.0	172.5	172.6	12.7	.522
108.1	9.80	8.05	287.8	3.8	177.6	177.2	177.2	11.7	.537
124.2	9.77	8.09	286.9	4.0	173.6	173.1	173.1	12.0	.525
139.3	9.86	8.12	286.9	4.4	176.3	175.8	175.8	13.5	.534
163.9	9.81	8.15	287.4	-5	172.9	172.9	172.9	-1.5	.523
179.5	9.96	8.19	287.7	-3	176.9	176.9	176.9	-8	.535
195.6	10.02	8.20	287.9	.8	179.2	179.1	179.1	2.4	.542
208.9	10.09	8.20	287.9	1.8	182.1	182.0	182.0	5.6	.551
221.2	10.09	8.20	288.1	2.2	182.6	182.5	182.5	7.0	.553
240.3	9.85	8.16	287.6	3.3	173.9	173.6	173.6	10.0	.525
252.5	9.82	8.14	287.5	3.0	173.7	173.4	173.4	9.0	.525
268.4	9.77	8.11	287.5	3.0	172.6	172.4	172.4	9.2	.522
283.9	9.77	8.10	287.5	3.9	173.9	173.5	173.5	11.8	.526
296.2	9.69	8.08	287.4	3.5	170.6	170.3	170.3	10.5	.515
312.3	9.73	8.06	287.2	3.6	174.1	173.7	173.7	10.8	.526
327.4	9.51	8.04	287.7	3.1	164.8	164.5	164.5	8.9	.496
335.8	9.49	8.03	287.3	8.2	164.2	162.5	162.5	23.5	.495
351.4	9.55	8.01	287.4	7.6	168.2	166.7	166.7	22.2	.508

(c-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	9.52	7.98	286.7	4.6	167.9	167.4	167.4	13.4	.507
20.9	9.91	7.97	287.9	6.0	186.7	185.7	185.7	19.4	.566
32.8	9.70	8.01	286.9	6.1	175.2	174.2	174.2	18.6	.530
52.3	9.68	8.01	287.0	6.6	174.1	172.9	172.9	20.1	.527
64.8	9.65	7.99	287.8	7.0	174.6	173.3	173.3	21.3	.528
80.4	9.95	8.03	288.5	6.0	185.4	184.4	184.4	19.4	.561
95.8	9.77	8.03	287.4	5.8	177.2	176.3	176.3	17.9	.536
108.3	9.90	8.02	286.8	4.6	183.4	182.8	182.8	14.9	.557
124.2	9.92	8.02	286.7	4.9	184.0	183.3	183.3	15.8	.559
139.6	9.95	8.08	286.9	4.2	182.4	181.9	181.9	13.5	.554
163.8	9.82	8.13	286.9	-2	174.0	174.0	174.0	-6	.527
179.5	9.91	8.16	287.3	.3	176.7	176.7	176.7	1.0	.535
195.6	10.10	8.18	288.4	.7	183.9	183.9	183.9	2.3	.557
209.0	10.14	8.19	288.2	.8	185.1	185.1	185.1	2.6	.561
220.9	10.08	8.18	287.9	1.1	183.2	183.2	183.2	3.5	.555
240.4	9.89	8.14	287.5	1.3	176.6	176.6	176.6	3.9	.534
252.9	9.93	8.13	287.8	1.3	179.6	179.5	179.5	4.1	.543
268.5	9.93	8.12	287.9	.7	179.6	179.6	179.6	2.3	.543
283.9	9.85	8.10	287.5	.7	177.4	177.4	177.4	2.1	.537
296.4	9.85	8.07	287.1	.3	178.3	178.3	178.3	1.0	.540
312.3	10.06	8.06	287.4	-2	188.4	188.4	188.4	-6	.572
327.7	9.85	8.03	287.8	-1.1	181.1	181.1	181.1	-3.6	.548
335.7	9.83	8.01	287.6	4.2	180.8	180.4	180.4	13.1	.548
351.4	9.70	8.01	287.3	4.4	174.9	174.3	174.3	13.4	.529

TABLE IV. - Continued.

(c) Continued.

(c-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETA _Z	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	9.96	7.98	288.6	3.3	188.8	188.5	188.5	11.0	.572
20.5	10.05	7.97	287.8	3.6	192.5	192.2	192.2	12.0	.585
33.1	10.08	7.99	287.6	3.7	192.6	192.2	192.2	12.3	.586
52.4	9.93	7.99	288.0	3.8	186.2	185.8	185.8	12.3	.565
64.8	9.87	8.01	287.9	4.5	183.2	182.6	182.6	14.5	.555
80.5	10.05	8.02	287.9	4.0	190.0	189.6	189.6	13.3	.577
95.8	9.83	8.01	287.7	4.3	181.2	180.7	180.7	13.5	.549
108.5	9.94	8.00	286.9	3.1	185.9	185.6	135.6	10.2	.565
124.1	10.03	8.05	286.9	3.7	187.5	187.1	187.1	12.2	.570
139.5	10.00	8.06	286.4	3.5	185.7	185.4	185.4	11.4	.565
163.4	9.92	8.07	287.0	-3	181.7	181.7	181.7	-7	.551
179.6	9.98	8.10	287.5	-6	182.5	182.5	182.5	-1.8	.553
195.5	10.17	8.13	288.5	-7	189.4	189.3	189.3	-2.4	.574
208.6	10.16	8.15	288.2	-7	188.3	188.3	188.3	-2.2	.571
221.2	10.11	8.14	287.5	-7	186.6	186.6	186.6	-2.3	.566
240.5	10.06	8.10	288.4	-1.0	186.4	186.4	186.4	-3.3	.565
252.9	10.05	8.09	288.3	-1.0	186.4	186.4	186.4	-3.4	.565
268.6	10.04	8.08	288.4	-1.2	186.8	186.8	186.8	-3.9	.566
283.9	10.01	8.05	287.9	-1.2	186.7	186.7	186.7	-4.1	.566
296.6	9.94	8.05	286.8	-1.6	183.6	183.5	183.5	-5.0	.557
312.2	10.14	8.05	287.6	-1.5	192.2	192.2	192.2	-5.0	.585
327.6	10.10	8.02	288.1	-2.1	192.2	192.1	192.1	-7.2	.584
335.3	10.08	8.00	287.7	2.4	192.0	191.8	191.8	8.0	.584
351.5	9.99	8.00	283.5	2.6	188.7	188.5	188.5	8.6	.572

(c-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETA _Z	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.13	7.99	287.5	2.5	194.5	194.3	194.3	8.6	.592
20.8	10.10	7.97	287.1	3.1	194.1	193.8	193.8	10.5	.591
32.8	10.12	7.99	287.6	2.9	194.3	194.0	194.0	9.7	.591
52.4	10.11	7.99	287.7	3.5	193.9	193.5	193.5	11.8	.590
65.0	10.02	8.01	288.1	4.0	189.2	188.7	188.7	13.1	.574
80.0	10.04	8.03	287.2	2.9	189.1	188.9	188.9	9.5	.575
96.0	9.85	8.01	287.3	2.9	182.0	181.7	181.7	9.3	.552
108.4	10.00	8.03	287.7	2.3	187.5	187.4	187.4	7.5	.569
124.0	10.07	8.03	286.7	2.6	189.9	189.7	189.7	8.6	.578
139.3	10.11	8.05	286.4	2.6	190.5	190.3	190.3	8.7	.580
163.2	9.99	8.06	287.0	-1.5	184.9	184.8	184.8	-4.8	.561
179.6	10.01	8.10	287.3	-1.6	184.3	184.2	184.3	-5.1	.559
195.7	10.17	8.11	288.2	-1.4	190.5	190.4	190.4	-4.8	.578
208.9	10.18	8.12	287.8	-1.9	190.5	190.4	190.4	-6.2	.579
220.9	10.15	8.12	287.7	-1.7	188.8	188.7	188.7	-5.6	.573
240.5	10.10	8.10	288.7	-2.2	188.5	188.3	188.4	-7.3	.571
253.1	10.11	8.09	288.2	-1.8	188.7	188.6	188.6	-6.0	.573
268.1	10.13	8.08	288.4	-2.1	190.7	190.6	190.6	-7.0	.579
284.1	10.02	8.05	288.0	-2.0	187.4	187.3	187.3	-6.5	.568
296.5	9.99	8.04	287.4	-2.1	186.4	186.2	186.2	-6.8	.566
312.1	10.16	8.05	287.3	-1.8	192.8	192.7	192.7	-6.0	.587
327.4	10.13	8.02	287.7	-2.2	192.8	192.6	192.6	-7.5	.586
335.1	10.10	8.01	287.7	1.9	192.4	192.3	192.3	6.4	.585
351.5	10.12	8.01	287.7	2.1	193.0	192.8	192.8	7.2	.587

TABLE IV. - Continued.

(c) Continued.

(c-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	10.16	8.02	287.6	2.0	194.2	194.1	194.1	6.8	.591
20.4	10.13	8.00	287.6	2.1	194.2	194.1	194.1	7.1	.591
32.9	10.15	8.01	287.7	2.0	194.4	194.3	194.3	6.9	.591
52.0	10.13	8.01	287.6	2.0	193.8	193.6	193.6	6.8	.589
65.0	10.12	8.03	287.9	2.6	192.5	192.3	192.3	8.8	.585
80.4	10.07	8.04	286.7	2.4	189.1	188.9	189.0	7.8	.575
95.8	9.98	8.02	287.3	1.7	187.0	186.9	186.9	5.6	.568
108.2	9.99	8.02	287.1	1.8	187.6	187.5	187.6	5.8	.570
124.1	10.16	8.04	286.6	2.1	192.8	192.7	192.7	7.0	.588
139.4	10.13	8.05	287.2	1.7	191.8	191.7	191.8	5.7	.584
163.7	10.00	8.11	286.9	-2.2	183.2	183.0	183.1	-7.1	.556
179.7	10.06	8.11	287.8	-2.4	185.7	185.5	185.5	-7.7	.563
195.6	10.19	8.13	288.2	-2.5	190.4	190.2	190.2	-8.4	.578
208.5	10.19	8.13	288.2	-2.7	190.0	189.8	189.8	-8.9	.577
221.0	10.16	8.11	288.1	-2.6	189.9	189.7	189.7	-8.5	.576
240.1	10.15	8.10	288.3	-2.7	189.9	189.7	189.7	-8.9	.576
253.1	10.14	8.11	288.0	-3.3	189.1	188.8	188.8	-10.7	.574
268.5	10.14	8.10	288.7	-2.9	189.8	189.5	189.5	-9.7	.575
283.9	10.08	8.07	288.3	-2.9	188.8	188.5	188.6	-9.6	.573
296.3	10.02	8.06	287.6	-2.8	186.9	186.7	186.7	-9.3	.567
312.2	10.15	8.06	287.5	-2.6	191.8	191.6	191.6	-8.7	.583
327.5	10.14	8.05	287.9	-2.8	192.2	191.9	191.9	-9.5	.584
335.6	10.17	8.05	287.4	1.5	193.2	193.1	193.2	5.2	.588
351.6	10.16	8.04	288.2	1.5	193.4	193.3	193.4	5.0	.588

(c-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.17	8.01	287.0	.9	194.6	194.5	194.6	3.1	.593
20.7	10.14	8.02	287.2	.9	193.7	193.6	193.7	2.9	.590
32.8	10.16	8.01	287.1	.5	194.5	194.4	194.5	1.6	.592
52.1	10.17	8.02	287.4	.7	194.4	194.3	194.4	2.2	.592
64.5	10.18	8.03	287.1	.9	194.7	194.6	194.7	2.9	.593
80.2	10.15	8.01	287.3	.5	194.5	194.4	194.5	1.5	.592
95.9	10.00	8.01	287.3	-1.1	188.0	187.9	188.0	-2	.571
108.4	10.13	8.02	286.9	.2	192.7	192.6	192.7	.8	.587
124.2	10.15	8.05	287.2	.2	192.4	192.3	192.4	.8	.585
139.5	10.16	8.07	286.7	-2.2	191.8	191.7	191.8	-5	.584
163.7	10.13	8.08	286.7	-4.3	189.5	188.9	189.0	-14.0	.577
179.8	10.11	8.09	287.6	-4.5	183.8	183.2	183.3	-14.8	.574
195.7	10.19	8.11	287.5	-5.0	190.9	190.1	190.2	-16.7	.580
208.3	10.20	8.12	287.9	-4.8	190.8	190.1	190.2	-15.9	.580
220.9	10.19	8.12	287.8	-5.0	190.5	189.7	189.8	-16.6	.579
240.2	10.18	8.10	288.3	-5.1	191.4	190.6	190.6	-16.9	.581
257.6	10.19	8.07	289.1	-5.4	193.2	192.2	192.3	-13.3	.586
268.3	10.17	8.05	289.2	-5.0	193.9	193.1	193.2	-16.8	.588
284.0	10.15	8.05	287.9	-5.6	192.7	191.7	191.3	-18.9	.586
296.5	10.14	8.05	288.1	-5.3	192.1	191.2	191.3	-17.9	.584
312.3	10.18	8.05	288.4	-5.0	193.7	192.9	193.0	-17.0	.588
327.6	10.17	8.05	288.1	-5.2	193.4	192.5	192.6	-17.6	.583
335.6	10.17	8.05	286.7	.5	193.2	193.1	193.2	1.6	.589
351.7	10.18	8.03	286.1	.7	194.0	193.9	194.0	2.3	.592

TABLE IV. - Continued.

(c) Continued.

(c-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
4.9	10.17	7.97	287.3	-0.9	197.0	196.8	197.0	-3.2	.600
20.3	10.17	7.97	286.8	-1.1	197.1	196.8	197.0	-3.9	.601
33.1	10.16	7.98	286.9	-0.8	196.4	196.1	196.3	-2.7	.599
52.6	10.17	8.00	286.8	-1.1	195.7	195.4	195.6	-3.6	.597
64.3	10.18	8.00	286.6	-0.9	195.4	195.2	195.4	-2.9	.596
80.6	10.17	7.99	287.4	-1.0	195.8	195.6	195.8	-3.3	.596
96.1	10.12	7.99	286.6	-1.1	193.8	193.5	193.8	-3.7	.591
108.5	10.14	7.98	286.7	-1.0	195.0	194.8	195.0	-3.3	.594
124.1	10.16	8.00	286.9	-1.2	195.3	195.0	195.3	-4.0	.595
139.3	10.18	8.02	286.6	-1.2	194.8	194.6	194.8	-4.2	.594
163.9	10.14	8.03	287.5	-5.3	193.3	192.2	192.2	-17.7	.588
179.6	10.16	8.05	288.6	-5.4	193.2	192.1	192.3	-18.3	.586
193.0	10.18	8.06	287.8	-5.9	193.5	192.2	192.4	-19.9	.588
208.4	10.19	8.07	288.1	-5.7	193.2	192.0	192.2	-19.1	.587
221.2	10.18	8.09	287.6	-6.0	191.9	190.6	190.8	-20.1	.583
240.7	10.19	8.06	288.3	-5.6	193.5	192.4	192.6	-18.9	.588
252.4	10.18	8.05	289.1	-5.8	194.0	192.8	193.0	-19.5	.588
268.7	10.17	8.04	288.6	-6.2	194.4	193.0	193.2	-21.1	.590
284.2	10.18	8.02	288.9	-5.9	195.7	194.5	194.7	-20.2	.594
296.6	10.17	8.01	288.4	-6.1	195.8	194.5	194.8	-20.7	.595
312.2	10.18	8.01	288.2	-5.8	196.1	194.9	195.1	-19.9	.596
327.4	10.18	8.00	287.0	-5.7	195.6	194.4	194.6	-19.5	.596
335.8	10.18	8.00	287.5	-1.3	196.1	195.8	196.0	-4.6	.597
351.5	10.18	7.98	287.5	-1.2	196.8	196.5	196.7	-4.2	.599

(c-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.17	8.00	286.5	-1.1	195.4	195.0	195.3	-3.6	.596
20.5	10.16	8.00	287.1	-1.4	195.2	194.8	195.1	-4.7	.595
33.2	10.16	8.00	286.6	-1.4	194.9	194.5	194.9	-4.7	.594
52.8	10.17	8.00	287.2	-1.2	195.4	195.1	195.4	-4.1	.595
64.6	10.17	8.01	287.0	-1.3	194.9	194.5	194.8	-4.3	.594
80.7	10.16	8.01	286.5	-1.4	194.2	193.8	194.1	-4.9	.592
95.4	10.15	8.00	287.3	-1.8	194.6	194.2	194.5	-6.0	.592
107.9	10.16	8.01	285.9	-1.9	194.3	193.9	194.2	-6.5	.593
123.9	10.17	8.03	286.9	-2.1	194.2	193.7	194.0	-7.2	.592
139.3	10.18	8.04	286.7	-2.3	193.8	193.4	193.7	-7.7	.591
163.4	10.17	8.04	288.1	-6.2	193.7	192.3	192.6	-20.9	.589
179.7	10.18	8.06	288.4	-6.4	193.7	192.2	192.5	-21.6	.588
195.7	10.19	8.09	288.2	-6.4	192.4	190.9	191.2	-21.3	.585
208.6	10.19	8.09	288.0	-6.4	192.1	190.6	190.9	-21.4	.584
221.3	10.19	8.08	288.1	-6.3	192.7	191.2	191.5	-21.2	.585
240.9	10.19	8.07	289.0	-6.3	193.5	192.1	192.4	-21.1	.587
252.7	10.19	8.06	289.0	-6.5	194.1	192.5	192.8	-21.8	.589
268.8	10.20	8.04	289.1	-6.5	195.2	193.7	194.0	-22.1	.593
283.5	10.19	8.03	288.3	-6.6	195.5	193.9	194.2	-22.3	.594
296.0	10.19	8.02	288.3	-6.5	195.7	194.1	194.4	-22.3	.595
312.0	10.19	8.02	289.3	-6.3	196.2	194.7	195.0	-21.6	.595
327.4	10.19	8.01	287.7	-6.3	195.7	194.2	194.5	-21.5	.596
335.3	10.18	8.01	286.4	-1.3	194.8	194.5	194.8	-4.6	.594
351.6	10.17	8.01	287.9	-1.2	195.6	195.3	195.6	-4.0	.595

TABLE IV. - Continued.

(c) Continued.

(c-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	10.17	8.07	286.6	-5.8	191.7	189.7	190.8	-19.2	.584
19.3	10.17	8.07	286.6	-5.9	191.6	189.6	190.6	-19.7	.584
32.9	10.16	8.08	286.2	-5.9	190.9	188.9	189.9	-19.4	.582
52.7	10.16	8.08	286.3	-5.8	191.1	189.1	190.1	-19.1	.582
64.5	10.15	8.09	286.8	-5.4	190.4	188.5	189.5	-17.9	.579
80.5	10.15	8.08	286.5	-5.4	190.4	188.6	189.6	-17.8	.580
96.0	10.14	8.08	286.6	-5.6	189.9	187.9	189.0	-18.4	.578
108.3	10.14	8.08	286.4	-5.9	189.9	187.9	188.9	-19.4	.578
124.0	10.14	8.08	286.9	-6.0	190.2	188.1	189.2	-19.7	.579
139.2	10.16	8.09	286.9	-6.3	190.6	188.5	189.5	-20.7	.580
163.9	10.15	8.11	287.9	-10.6	189.8	185.6	186.6	-34.6	.576
172.7	10.15	8.11	287.6	-10.5	189.4	185.3	186.3	-34.4	.575
195.5	10.16	8.13	288.3	-10.8	189.2	184.9	185.9	-35.3	.574
207.4	10.16	8.13	288.0	-10.6	188.8	184.6	185.6	-34.6	.573
221.0	10.17	8.14	288.3	-10.4	189.0	184.9	185.9	-34.0	.573
240.8	10.16	8.12	289.0	-10.4	189.9	185.7	186.7	-34.3	.575
252.6	10.16	8.11	289.0	-10.4	190.2	186.1	187.1	-34.3	.576
268.6	10.15	8.10	289.0	-10.5	190.5	186.3	187.4	-34.4	.577
284.1	10.15	8.09	288.7	-10.6	191.0	186.8	187.8	-34.9	.579
296.4	10.15	8.09	288.4	-10.4	191.0	186.9	187.9	-34.2	.580
312.1	10.16	8.07	288.9	-10.5	192.0	187.8	188.8	-34.8	.582
327.3	10.16	8.08	286.9	-10.3	191.3	187.3	188.3	-34.0	.582
335.8	10.17	8.08	286.1	-5.7	191.2	189.3	190.3	-18.9	.583
344.6	10.17	8.07	286.6	-5.7	191.7	189.7	190.7	-18.9	.584

(c-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	10.01	8.25	285.8	-13.8	175.8	168.1	170.9	-41.2	.533
20.6	9.96	8.25	286.5	-13.2	173.5	166.3	169.1	-39.0	.525
32.9	9.99	8.25	286.7	-12.5	174.9	168.2	170.9	-37.3	.530
52.3	9.97	8.25	286.6	-12.0	174.4	167.9	170.7	-35.7	.528
64.8	9.97	8.25	286.0	-11.0	173.7	167.9	170.6	-32.7	.527
80.4	9.98	8.26	286.9	-10.6	174.0	168.4	171.1	-31.5	.527
95.9	9.96	8.27	286.7	-10.9	172.7	167.0	169.7	-32.1	.523
108.4	9.97	8.27	287.1	-11.0	173.3	167.5	170.2	-32.5	.524
123.9	9.97	8.27	287.4	-11.1	173.4	167.5	170.2	-32.9	.524
140.0	9.95	8.27	286.2	-11.9	171.9	165.6	168.3	-34.8	.520
163.5	9.99	8.29	287.4	-17.9	173.1	162.3	165.0	-52.3	.523
179.6	10.10	8.30	287.7	-18.9	177.4	165.4	168.1	-56.7	.537
195.6	10.12	8.31	287.8	-18.9	177.9	165.9	168.6	-56.8	.538
208.7	10.13	8.31	288.2	-18.9	178.5	166.4	169.1	-56.9	.539
221.0	10.15	8.30	288.1	-19.4	179.9	167.3	170.0	-58.9	.544
240.4	10.15	8.28	288.3	-19.4	180.8	168.1	170.9	-59.1	.547
252.9	10.16	8.26	288.8	-19.9	182.4	169.0	171.8	-61.1	.551
268.5	10.16	8.26	288.5	-20.2	182.5	168.9	171.7	-62.0	.552
284.0	10.15	8.25	288.5	-20.3	182.5	163.8	171.5	-62.4	.552
296.5	10.16	8.25	288.5	-19.6	182.9	167.9	172.7	-60.5	.554
312.0	10.15	8.25	289.4	-19.9	183.0	167.6	172.4	-61.4	.553
328.1	10.13	8.25	288.5	-19.5	181.9	168.9	171.7	-59.9	.550
335.4	10.10	8.25	286.1	-14.3	179.9	171.7	174.5	-43.7	.546
351.5	10.04	8.25	286.3	-14.0	177.1	169.2	172.0	-42.3	.537

TABLE IV. - Continued.

(c) Continued.

(c-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	17.33	13.36	354.4	53.6	225.8	134.0	134.0	181.7	.621
21.1	17.42	13.44	354.6	51.5	225.7	140.6	140.6	176.6	.621
34.1	17.14	13.39	350.4	52.3	219.0	134.0	134.0	173.2	.605
49.7	17.15	13.37	351.5	50.9	220.2	138.9	138.9	170.9	.607
65.2	17.13	13.34	353.2	51.1	221.1	139.0	139.0	172.0	.608
77.4	17.18	13.34	352.1	50.9	222.1	140.0	140.0	172.3	.612
93.3	17.23	13.42	354.0	50.3	221.4	141.5	141.5	170.3	.608
108.9	17.32	13.49	350.2	50.0	220.2	141.6	141.6	168.7	.608
132.5	17.24	13.51	349.5	50.0	217.2	139.5	139.5	166.5	.600
148.9	17.28	13.51	348.8	49.4	218.2	142.0	142.0	165.6	.604
165.3	17.28	13.52	347.4	48.1	217.2	144.9	144.9	161.7	.602
178.0	17.34	13.47	347.0	48.1	220.5	147.4	147.4	164.0	.612
190.3	17.30	13.43	344.3	47.7	219.7	147.8	147.8	162.6	.613
209.1	17.24	13.39	345.1	49.2	219.7	143.7	143.7	166.2	.612
222.1	17.36	13.36	347.9	49.8	224.3	144.7	144.7	171.4	.623
237.7	17.33	13.37	346.0	50.3	222.7	142.3	142.3	171.4	.620
253.2	17.47	13.35	347.8	51.3	227.3	142.0	142.0	177.5	.632
265.4	17.34	13.37	348.3	52.0	223.7	137.7	137.7	176.3	.621
281.3	17.38	13.43	349.3	53.1	223.3	134.1	134.1	178.5	.618
296.9	17.12	13.39	350.0	53.5	218.4	130.1	130.1	175.5	.603
304.5	17.13	13.37	352.1	53.6	220.0	130.6	130.6	177.1	.606
320.9	17.10	13.33	351.8	55.9	220.3	123.6	123.6	182.4	.607
337.3	16.94	13.30	353.2	56.2	217.9	121.1	121.1	181.2	.599
350.0	17.45	13.33	355.3	54.8	229.9	132.4	132.4	187.9	.632

(c-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.00	13.15	349.0	49.2	222.7	145.4	145.4	168.6	.617
21.5	17.25	13.17	351.3	49.5	228.9	148.6	148.6	174.0	.633
33.7	16.77	13.16	345.6	51.0	215.3	135.4	135.4	167.4	.598
49.6	16.70	13.20	347.7	50.9	213.1	134.3	134.3	165.4	.590
65.1	17.01	13.19	350.8	49.4	222.4	144.7	144.7	168.9	.614
77.4	17.05	13.17	348.8	49.5	223.4	145.1	145.1	169.9	.619
93.5	17.00	13.21	348.7	48.5	220.7	146.2	146.3	165.3	.611
108.6	17.11	13.29	348.9	46.8	221.1	151.3	151.3	161.2	.612
133.1	16.84	13.32	345.2	46.4	212.2	146.3	146.3	153.7	.589
148.7	16.90	13.26	345.5	45.9	215.8	150.1	150.1	155.0	.600
164.8	16.95	13.27	344.8	45.3	216.3	152.2	152.2	153.7	.602
178.1	16.85	13.23	341.7	44.1	214.1	153.7	153.7	149.0	.598
190.4	16.74	13.17	341.3	44.4	213.1	152.2	152.2	149.2	.596
209.5	16.68	13.12	343.0	45.6	213.8	149.5	149.5	152.9	.596
221.7	16.84	13.14	343.5	44.9	217.1	153.7	153.7	153.3	.605
237.6	16.89	13.14	344.7	45.9	218.8	152.3	152.3	157.0	.609
253.1	16.89	13.09	344.4	46.4	220.4	152.0	152.0	159.5	.614
265.4	16.87	13.09	343.5	45.9	219.5	152.8	152.8	157.6	.613
281.5	16.80	13.15	344.0	45.7	216.1	151.1	151.1	154.6	.602
296.6	16.69	13.15	346.4	46.0	214.0	148.7	148.7	153.9	.594
305.1	16.80	13.14	347.6	48.7	217.6	143.7	143.7	163.4	.603
320.7	16.83	13.11	347.9	50.4	219.4	139.8	139.9	169.0	.608
336.8	16.61	13.08	348.1	51.1	214.6	134.6	134.6	167.1	.594
350.1	16.99	13.10	348.7	50.6	224.0	142.1	142.1	173.2	.621

TABLE IV. - Continued.

(c) Continued.

(c-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	17.06	12.87	348.5	48.6	232.8	153.9	153.9	174.6	.648
21.6	16.90	12.88	344.5	49.3	227.6	148.2	148.3	172.6	.636
34.1	16.86	12.87	344.5	50.1	226.7	145.3	145.3	174.0	.633
49.7	16.74	12.92	344.9	49.1	222.5	145.6	145.7	168.2	.620
65.1	17.04	12.87	349.2	48.6	232.5	153.7	153.8	174.4	.646
77.6	16.92	12.84	346.3	49.7	229.6	148.4	148.5	175.1	.640
93.5	17.22	12.94	348.3	49.7	234.1	151.5	151.6	178.5	.652
108.9	17.19	12.99	346.9	47.6	231.6	156.0	156.1	171.1	.646
133.0	16.83	12.97	345.7	45.1	223.3	157.5	157.6	158.2	.622
148.7	17.01	12.98	344.0	45.3	226.7	159.3	159.4	161.2	.634
164.8	17.05	12.99	343.0	43.9	226.9	163.4	163.5	157.4	.635
178.2	16.93	12.95	342.7	42.5	225.3	166.1	166.1	152.2	.631
190.1	16.98	12.90	341.7	43.2	227.6	166.0	166.1	155.7	.639
209.6	16.83	12.88	342.0	42.6	224.7	165.4	165.4	152.1	.630
222.1	16.82	12.89	341.6	43.4	224.1	162.7	162.7	154.0	.628
237.7	16.87	12.88	343.2	42.6	226.2	166.5	166.5	153.1	.633
253.1	16.82	12.88	343.4	42.9	225.3	165.1	165.2	153.2	.630
265.6	16.85	12.86	343.4	43.2	226.4	165.0	165.1	154.9	.633
281.5	16.88	12.89	343.0	43.5	226.0	163.9	164.0	155.5	.633
296.9	16.85	12.86	344.9	43.5	226.7	164.5	164.5	156.0	.633
305.0	16.82	12.85	346.1	48.0	226.9	151.9	151.9	168.5	.632
320.7	16.88	12.83	347.4	47.3	229.4	155.5	155.5	168.7	.639
336.8	16.85	12.75	347.2	46.7	230.9	158.4	158.5	168.0	.643
350.2	16.83	12.79	347.5	47.8	229.4	154.2	154.3	169.8	.638

(c-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.92	12.66	347.9	48.0	235.8	157.7	157.9	175.1	.657
21.7	16.97	12.67	347.9	48.8	236.5	155.6	155.8	178.0	.660
34.1	16.83	12.67	348.2	49.6	233.6	151.5	151.7	177.7	.650
49.8	16.91	12.67	347.6	48.7	235.1	154.9	155.1	176.6	.655
65.1	17.07	12.63	350.3	49.3	240.8	157.0	157.1	182.5	.670
77.8	16.90	12.63	348.1	48.2	236.4	157.5	157.7	176.1	.659
93.4	16.94	12.65	351.3	48.6	237.5	156.9	157.1	178.2	.659
108.8	17.12	12.68	350.8	49.5	240.9	156.3	156.5	183.1	.670
132.6	17.05	12.79	345.7	44.5	234.0	166.9	167.1	163.8	.654
148.8	17.10	12.79	345.3	44.2	234.9	168.3	168.5	163.7	.657
164.7	17.17	12.73	344.0	43.9	237.9	171.4	171.6	164.9	.668
177.8	17.18	12.72	343.4	44.4	238.4	170.3	170.5	166.6	.670
190.4	17.23	12.70	342.3	42.5	239.6	176.7	176.9	161.6	.675
209.7	17.20	12.62	343.8	43.2	241.7	176.0	176.2	165.4	.680
222.1	17.12	12.63	343.4	43.7	239.7	173.3	173.5	165.4	.674
237.8	17.11	12.63	343.5	44.0	239.4	172.2	172.4	166.1	.673
253.1	17.15	12.64	343.5	43.2	240.0	175.0	175.2	164.1	.675
265.8	17.27	12.64	342.6	44.2	242.1	173.5	173.7	168.7	.682
281.4	17.36	12.64	343.0	44.2	244.3	175.0	175.2	170.4	.689
296.8	17.18	12.64	343.8	44.4	240.7	172.0	172.1	168.2	.677
304.6	17.09	12.65	347.9	47.4	240.1	162.5	162.7	176.6	.670
320.8	16.95	12.68	347.9	47.2	235.8	160.0	160.2	173.0	.657
336.7	17.02	12.60	348.3	48.5	240.0	159.1	159.2	179.6	.670
349.8	17.11	12.59	351.0	48.4	243.2	161.4	161.6	181.8	.677

TABLE IV. - Continued.

(c) Continued.

(c-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	16.72	12.54	348.4	51.4	234.9	146.5	146.8	183.3	.654
21.7	16.70	12.56	345.8	51.9	233.0	143.8	144.0	183.2	.651
34.3	16.73	12.54	348.0	51.7	235.1	145.5	145.7	184.5	.655
49.3	16.78	12.52	348.6	51.9	237.2	146.2	146.4	186.6	.661
65.3	16.86	12.48	349.5	51.9	240.6	148.3	148.6	189.2	.670
77.7	16.86	12.47	349.3	52.6	240.5	145.8	146.1	191.0	.670
93.3	16.82	12.53	351.1	52.9	238.5	143.8	144.1	190.1	.662
108.6	17.15	12.57	354.1	53.4	245.7	146.3	146.5	197.2	.681
132.4	16.95	12.59	343.0	49.0	237.0	155.3	155.5	178.8	.666
148.8	16.98	12.60	344.3	48.5	237.7	157.5	157.7	177.9	.667
164.9	17.09	12.60	343.7	48.4	240.0	159.2	159.5	179.4	.675
178.1	17.09	12.58	343.0	48.7	240.4	158.5	158.8	180.5	.677
190.1	16.97	12.58	341.9	48.7	237.5	156.7	157.0	178.2	.669
209.7	16.94	12.53	342.6	48.0	238.3	159.4	159.7	176.8	.670
222.3	16.84	12.56	342.1	48.4	235.2	156.0	156.3	175.8	.661
237.3	16.83	12.53	342.5	49.2	235.8	154.0	154.3	178.2	.663
253.3	16.84	12.54	340.7	48.4	235.1	156.1	156.4	175.6	.663
265.7	16.80	12.54	340.5	48.4	234.2	155.4	155.7	174.9	.660
281.3	16.77	12.55	340.9	48.1	233.1	155.4	155.7	173.5	.656
296.6	16.84	12.57	342.0	48.6	234.5	155.0	155.3	175.8	.660
304.4	16.72	12.58	349.0	52.2	234.0	143.4	143.6	184.8	.651
320.8	16.70	12.57	347.7	50.8	233.6	147.6	147.8	180.8	.651
336.9	16.73	12.50	346.5	50.8	236.0	148.9	149.2	182.9	.660
350.1	16.70	12.49	348.0	51.0	235.9	148.4	148.7	183.1	.657

(c-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	16.75	12.47	341.4	43.7	235.5	170.1	170.7	162.3	.663
21.3	16.68	12.47	340.5	45.8	233.5	162.6	163.1	167.1	.658
34.3	16.68	12.45	341.1	46.7	234.5	160.5	161.0	170.4	.660
49.7	16.73	12.43	341.0	46.5	236.1	162.2	162.7	171.1	.665
65.1	16.92	12.42	343.7	46.9	241.8	164.9	165.4	176.3	.680
77.5	16.88	12.40	343.1	47.6	241.0	162.2	162.7	177.8	.678
93.4	16.91	12.43	343.0	47.2	240.7	163.4	163.9	176.3	.677
108.7	17.08	12.46	346.1	48.7	244.7	161.1	161.6	183.6	.686
132.9	17.00	12.50	342.0	44.6	240.3	170.7	171.3	168.6	.677
148.9	16.99	12.53	341.2	44.4	238.9	170.5	171.0	166.8	.674
164.8	17.03	12.55	342.0	44.9	239.5	169.4	169.9	168.8	.675
177.7	17.06	12.53	340.2	44.4	240.2	171.4	171.9	167.8	.679
190.2	16.98	12.51	340.2	45.1	239.0	168.6	169.1	168.9	.675
209.3	16.90	12.44	339.3	44.9	239.0	169.1	169.6	168.4	.676
222.3	16.87	12.42	339.8	44.1	239.2	171.6	172.1	166.0	.676
237.7	16.82	12.44	340.3	43.7	237.5	171.5	172.1	163.8	.671
253.1	16.79	12.47	340.9	42.9	236.3	172.7	173.3	160.6	.666
265.5	16.83	12.45	340.1	43.1	237.5	173.2	173.8	162.0	.671
281.4	16.78	12.43	340.2	43.3	236.8	172.2	172.7	162.0	.669
296.7	16.87	12.45	339.9	43.3	237.6	172.5	173.1	162.8	.671
304.9	16.76	12.45	340.0	46.1	235.7	163.1	163.6	169.6	.665
320.9	16.68	12.48	341.4	44.3	233.7	166.9	167.4	163.1	.658
336.8	16.70	12.43	339.9	44.3	234.9	167.8	168.3	163.8	.663
349.7	16.75	12.43	341.8	45.8	236.9	164.8	165.4	169.6	.667

TABLE IV. - Continued.

(c) Continued.

(c-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	16.34	12.32	337.6	43.9	229.2	164.8	165.6	158.5	.648
21.4	16.27	12.34	337.8	45.1	226.9	159.8	160.6	160.4	.641
33.8	16.30	12.33	338.9	44.7	228.3	162.0	162.8	160.2	.644
49.5	16.30	12.32	337.6	44.6	228.3	162.1	162.9	160.0	.645
65.2	16.36	12.31	338.6	45.0	230.3	162.5	163.3	162.4	.650
77.7	16.39	12.29	339.2	45.6	231.8	161.8	162.6	165.2	.654
93.5	16.27	12.30	340.2	46.1	229.7	158.6	159.4	164.7	.645
108.8	16.47	12.34	339.8	46.2	227.5	160.4	161.2	167.2	.655
132.9	16.60	12.38	336.3	40.0	233.0	175.7	176.6	152.0	.661
149.0	16.68	12.39	337.1	41.9	234.7	174.4	175.2	156.2	.665
164.9	16.69	12.39	336.2	41.3	234.8	175.8	176.6	154.7	.667
178.0	16.63	12.39	337.1	41.7	233.9	174.1	175.0	155.2	.663
190.1	16.62	12.36	335.8	42.4	233.9	172.3	173.1	157.3	.664
209.4	16.43	12.33	335.3	42.4	230.2	169.6	170.4	154.8	.653
221.8	16.44	12.39	335.5	42.1	229.0	169.3	170.2	153.3	.649
237.5	16.45	12.39	335.2	41.7	229.0	170.4	171.3	152.0	.650
253.2	16.44	12.34	334.0	41.4	229.9	172.1	172.9	151.6	.654
265.7	16.47	12.32	335.4	41.2	231.5	173.7	174.5	152.1	.657
281.5	16.44	12.35	336.3	41.2	230.1	172.7	173.5	151.1	.652
296.8	16.43	12.34	334.9	41.6	229.9	171.5	172.3	152.2	.653
304.9	16.55	12.34	339.3	44.6	234.3	166.3	167.1	164.2	.662
321.0	16.46	12.34	336.7	43.5	231.1	167.2	168.0	158.7	.655
336.9	16.43	12.31	339.6	44.0	232.4	166.8	167.6	161.0	.656
350.0	16.42	12.30	338.6	44.5	232.0	165.1	165.9	162.1	.655

(c-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.55	13.57	336.7	56.5	193.2	106.5	106.6	161.1	.540
21.9	16.59	13.56	336.8	56.4	194.7	107.6	107.7	162.2	.545
33.6	16.54	13.59	336.0	56.3	192.0	106.4	106.5	159.7	.537
49.9	16.53	13.66	337.2	56.3	189.5	105.2	105.3	157.6	.529
65.4	16.53	13.64	337.0	56.5	190.0	104.7	104.8	158.4	.531
77.8	16.49	13.61	337.1	56.5	190.2	105.0	105.1	158.5	.531
93.4	16.68	13.59	336.7	55.9	196.2	109.9	110.0	162.5	.549
108.6	16.48	13.63	336.8	56.9	189.0	103.1	103.2	158.3	.528
133.1	16.59	13.67	336.4	56.4	190.7	105.6	105.7	158.7	.533
148.8	16.63	13.69	338.0	56.0	191.5	107.1	107.2	158.6	.534
162.2	16.67	13.70	336.3	55.5	191.9	108.7	108.8	158.1	.537
177.6	16.69	13.68	335.9	55.9	192.9	108.2	108.3	159.6	.540
190.4	16.64	13.65	335.6	55.9	192.4	107.8	107.9	159.3	.539
209.9	16.55	13.59	335.4	55.7	192.1	108.2	108.3	158.7	.538
221.6	16.52	13.59	335.9	55.6	191.3	108.1	108.2	157.7	.535
237.9	16.57	13.60	335.1	56.0	192.7	107.9	108.0	159.6	.539
253.4	16.61	13.62	336.1	55.2	192.7	110.0	110.1	158.1	.539
265.8	16.57	13.63	335.7	55.2	191.6	109.2	109.3	157.4	.537
281.4	16.60	13.62	335.1	54.8	192.4	110.9	111.0	157.1	.539
296.6	16.57	13.62	334.5	54.6	191.1	110.7	110.8	155.7	.536
305.1	16.63	13.62	338.6	57.4	194.4	104.6	104.7	163.8	.542
320.8	16.58	13.59	336.0	56.7	193.0	105.9	106.0	161.2	.540
334.2	16.63	13.60	336.7	56.4	194.4	107.6	107.7	161.8	.544
349.6	16.61	13.60	336.6	56.5	194.0	107.2	107.3	161.6	.543

TABLE IV. - Continued.

(c) Continued.

(c-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	16.66	13.15	338.6	52.3	211.0	128.9	129.0	167.0	.592
22.1	16.72	13.14	338.7	52.3	212.6	130.1	130.2	168.1	.597
33.9	16.67	13.16	337.9	52.1	210.5	129.4	129.4	166.1	.591
50.0	16.71	13.20	337.2	52.4	210.2	128.4	128.4	166.4	.591
64.7	16.56	13.22	338.0	52.7	206.0	125.0	125.0	163.8	.577
77.2	16.75	13.19	337.6	52.5	211.5	128.6	128.7	167.9	.594
93.2	16.56	13.24	339.3	52.9	205.6	124.0	124.1	163.9	.575
108.6	16.76	13.26	337.4	52.9	209.6	126.5	126.6	167.1	.589
132.6	16.58	13.27	338.6	49.1	204.9	134.1	134.2	154.9	.573
148.9	16.62	13.26	337.9	49.5	205.9	133.8	133.9	156.5	.577
164.9	16.76	13.27	337.4	49.0	209.0	137.2	137.3	157.6	.587
177.8	16.72	13.26	336.6	48.9	208.3	136.9	137.0	157.0	.586
190.5	16.70	13.22	336.8	48.7	209.0	138.0	138.0	156.9	.587
210.1	16.70	13.18	337.3	49.1	210.5	137.7	137.7	159.1	.591
221.9	16.59	13.15	336.2	49.2	208.4	136.0	136.1	157.8	.586
238.0	16.58	13.14	336.7	49.4	208.3	135.5	135.5	158.3	.586
252.7	16.66	13.17	336.6	48.5	209.4	138.9	138.9	156.7	.589
265.2	16.58	13.19	336.3	49.6	206.9	134.1	134.1	157.5	.582
281.2	16.67	13.20	335.4	48.6	208.5	137.8	137.9	156.5	.587
296.6	16.66	13.18	336.5	49.4	209.2	136.1	136.1	158.9	.588
304.6	16.68	13.17	335.9	52.1	209.9	128.8	128.9	165.7	.591
320.9	16.69	13.17	338.5	52.0	211.1	129.9	129.9	166.4	.592
336.9	16.69	13.16	337.6	52.3	211.0	129.0	129.0	167.0	.593
349.8	16.68	13.15	338.6	52.5	211.3	128.5	128.5	167.7	.593

(c-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	16.87	12.02	337.2	46.8	250.0	171.1	171.3	182.1	.713
22.0	16.80	12.01	337.5	47.0	248.9	169.6	169.7	182.0	.709
33.8	16.87	12.00	338.4	46.0	251.0	174.3	174.4	180.4	.714
49.8	16.81	12.02	338.7	46.1	249.4	173.0	173.1	179.6	.709
65.3	16.74	12.02	337.3	47.0	247.2	168.4	168.6	180.8	.704
77.6	16.73	12.00	338.3	46.6	248.2	170.5	170.6	180.2	.706
93.3	16.73	12.00	339.2	46.6	248.4	170.6	170.8	180.4	.706
108.5	16.85	12.05	338.3	46.7	249.3	170.8	170.9	181.4	.709
133.1	16.87	12.07	338.5	41.8	249.2	185.7	185.9	165.9	.709
141.9	16.84	12.05	339.3	41.9	249.2	185.5	185.7	166.2	.708
164.7	16.99	12.04	340.6	41.2	253.2	190.5	190.7	166.6	.719
176.6	17.00	12.01	339.6	42.0	253.8	188.5	188.7	169.7	.722
190.2	17.03	11.99	337.8	41.9	254.4	189.2	189.4	169.8	.726
210.0	16.94	11.98	337.0	41.5	252.5	188.9	189.1	167.3	.721
221.8	16.82	11.99	338.6	42.5	250.4	184.4	184.6	169.1	.712
237.8	16.85	12.01	337.9	41.4	250.3	187.7	187.9	165.3	.713
253.3	16.81	12.04	338.0	42.3	248.5	183.6	183.8	167.2	.707
265.6	16.84	12.05	337.6	41.2	248.6	187.1	187.2	163.6	.708
281.3	16.87	12.06	338.7	41.2	249.5	187.6	187.7	164.3	.710
296.5	16.90	12.05	336.6	41.8	249.5	185.8	186.0	166.2	.712
305.1	16.87	12.05	338.9	46.4	249.8	172.1	172.3	180.9	.710
313.9	16.87	12.00	337.4	47.2	250.6	170.2	170.3	183.9	.715
336.7	16.83	12.02	336.4	46.0	249.0	172.9	173.0	179.1	.711
348.6	16.85	12.01	337.9	46.9	250.2	170.9	171.0	182.6	.713

TABLE IV. - Continued.

(c) Continued.

(c-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	16.53	11.21	344.6	49.3	269.5	174.9	176.7	203.5	.766
21.6	16.52	11.22	344.0	49.3	269.0	174.7	176.5	203.1	.765
34.1	16.62	11.16	343.7	49.6	272.5	176.0	177.8	206.5	.776
49.7	16.66	11.06	344.1	50.3	276.4	175.8	177.6	211.8	.788
65.2	16.75	11.07	342.7	49.3	277.1	179.8	181.7	209.3	.792
77.7	16.68	11.10	344.3	49.8	275.7	177.1	178.9	209.8	.786
93.2	16.74	11.12	344.0	49.5	276.2	178.6	180.5	209.1	.788
109.3	16.96	11.12	342.0	49.7	279.3	179.9	181.7	212.1	.800
132.7	16.70	11.16	339.3	43.9	272.4	195.3	197.3	187.9	.782
148.8	16.68	11.17	339.3	44.5	271.6	192.7	194.6	189.4	.779
164.8	16.55	11.18	339.5	44.4	268.9	191.2	193.2	187.1	.770
177.9	16.36	11.20	339.5	43.7	264.6	190.3	192.2	181.9	.756
190.2	16.40	11.19	338.1	44.0	265.0	189.6	191.6	183.2	.759
209.6	16.32	11.20	338.0	43.1	263.3	191.2	193.1	179.0	.754
222.1	16.21	11.23	337.5	43.9	259.8	186.1	183.0	179.3	.743
237.7	16.21	11.22	339.0	43.7	260.6	187.4	189.3	179.1	.744
253.2	16.24	11.24	337.4	43.5	260.2	187.8	189.7	178.1	.745
265.7	16.32	11.27	338.3	43.1	261.3	189.8	191.7	177.6	.747
281.2	16.28	11.28	339.8	43.6	260.7	187.8	189.7	178.8	.743
297.3	16.32	11.25	339.0	43.1	262.1	190.2	192.1	178.3	.749
304.7	16.52	11.24	342.6	48.9	267.9	175.2	177.0	201.0	.763
320.8	16.54	11.23	344.9	48.9	269.4	176.4	178.2	202.1	.765
336.8	16.51	11.23	342.8	49.6	268.0	172.8	174.6	203.3	.763
349.9	16.54	11.23	344.6	49.6	269.3	173.9	175.6	204.2	.765

(c-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	16.33	12.54	352.5	-.3	226.7	225.9	226.7	-1.0	.626
23.7	16.30	12.57	352.6	-.6	225.0	224.2	224.9	-2.4	.620
36.4	16.22	12.55	350.1	-1.0	223.0	222.2	223.0	-3.8	.617
48.7	16.29	12.54	351.8	-1.1	225.6	224.8	225.6	-4.3	.623
67.5	16.23	12.54	351.6	-1.5	224.1	223.3	224.1	-5.7	.619
80.5	16.39	12.53	354.5	-1.4	229.3	228.4	229.2	-5.4	.631
96.1	16.17	12.52	350.9	-1.4	222.9	222.0	222.8	-5.3	.616
111.6	16.40	12.52	351.2	-1.2	228.7	227.9	228.7	-4.8	.633
123.8	16.47	12.54	351.5	-1.0	230.2	229.3	230.1	-4.0	.637
139.7	16.47	12.54	349.5	-.7	229.4	228.6	229.4	-2.9	.636
155.3	16.40	12.54	349.2	-.6	227.6	226.8	227.6	-2.4	.631
170.9	16.23	12.53	351.1	.2	224.1	223.3	224.1	.9	.619
187.3	16.27	12.53	349.5	.2	224.7	223.9	224.7	.9	.622
203.7	16.28	12.55	347.6	.1	223.5	222.7	223.5	.3	.621
216.4	16.23	12.58	346.7	-.0	221.2	220.5	221.2	-.2	.615
228.7	16.19	12.59	345.4	.0	219.3	218.5	219.3	.1	.610
247.5	16.25	12.57	345.8	-.1	221.5	220.7	221.5	-.3	.616
260.5	16.30	12.56	347.5	-.0	223.7	223.0	223.7	-.1	.622
276.1	16.37	12.56	347.9	.0	225.8	225.0	225.8	.1	.627
291.6	16.34	12.57	347.9	.2	224.6	223.9	224.6	.9	.624
303.8	16.38	12.59	348.2	.1	225.2	224.4	225.2	.5	.625
319.7	16.49	12.58	348.6	.4	228.2	227.4	228.2	1.5	.634
335.3	16.42	12.58	349.9	.2	227.1	226.3	227.1	.6	.629
350.9	16.42	12.57	351.0	.2	227.6	226.8	227.6	.7	.630

TABLE IV. - Continued.

(c) Continued.

(c-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	16.57	12.52	349.5	-1.8	232.5	231.6	232.4	-7.2	.646
23.2	16.62	12.53	350.2	-2.1	233.6	232.6	233.4	-8.6	.648
36.5	16.46	12.49	346.7	-2.8	229.8	228.7	229.5	-11.2	.640
48.8	16.56	12.49	349.4	-2.5	233.1	232.0	232.8	-10.0	.648
67.9	16.49	12.52	348.8	-2.3	230.4	229.4	230.2	-9.3	.640
80.1	16.72	12.52	351.1	-2.4	236.6	235.6	236.4	-9.8	.657
96.0	16.58	12.50	349.0	-2.1	233.1	232.1	233.0	-8.4	.648
111.5	16.74	12.51	348.9	-2.2	236.7	235.7	236.5	-9.2	.659
123.8	16.79	12.53	348.0	-2.2	237.0	236.0	236.8	-9.0	.661
139.9	16.65	12.53	346.9	-2.3	233.4	232.3	233.2	-9.2	.651
155.0	16.83	12.52	347.4	-2.4	237.9	236.8	237.7	-9.9	.664
171.5	16.40	12.51	347.4	-1.2	227.8	227.0	227.8	-4.6	.634
187.1	16.42	12.51	345.6	-1.3	227.7	226.8	227.6	-5.0	.635
203.2	16.40	12.52	343.5	-1.4	226.2	225.3	226.1	-5.7	.633
216.5	16.38	12.54	342.4	-1.2	225.0	224.1	224.9	-4.8	.630
228.8	16.34	12.56	341.1	-1.2	222.7	221.9	222.7	-4.7	.625
247.9	16.33	12.55	341.8	-1.1	223.2	222.3	223.1	-4.2	.625
260.1	16.41	12.53	342.9	-1.0	226.1	225.3	226.1	-4.1	.633
276.0	16.40	12.51	343.8	-1.1	226.7	225.9	226.7	-4.5	.634
291.5	16.40	12.52	343.2	-1.3	226.0	225.2	226.0	-5.0	.633
303.8	16.38	12.55	344.0	-1.3	225.1	224.2	225.0	-5.0	.629
319.9	16.40	12.54	343.7	-1.6	225.7	224.8	225.6	-6.1	.631
335.0	16.39	12.54	345.7	-1.5	226.2	225.3	226.2	-6.1	.631
351.5	16.54	12.53	348.8	-2.5	231.1	230.1	230.9	-9.9	.642

(c-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	16.63	12.51	348.5	-3.8	233.9	232.5	233.4	-15.4	.651
23.2	16.72	12.49	348.4	-3.6	236.6	235.3	236.2	-14.7	.659
36.6	16.66	12.49	345.8	-3.0	234.3	233.1	234.0	-12.4	.655
48.5	16.80	12.48	348.3	-2.9	238.7	237.5	238.4	-12.1	.666
68.0	16.81	12.54	347.6	-2.7	236.7	235.6	236.5	-11.0	.660
80.5	16.88	12.57	349.0	-3.2	238.0	236.8	237.7	-13.1	.663
96.1	16.80	12.57	347.2	-2.6	235.5	234.4	235.3	-10.6	.657
111.5	17.00	12.57	348.9	-2.8	240.5	239.3	240.2	-11.7	.671
124.0	16.96	12.57	347.4	-2.8	239.4	238.2	239.2	-11.6	.669
139.9	16.90	12.56	346.9	-2.8	238.3	237.1	238.0	-11.6	.666
155.3	17.00	12.56	346.5	-2.6	240.0	238.9	239.8	-10.9	.672
171.4	16.71	12.56	344.5	-3.1	232.8	231.5	232.4	-12.4	.652
187.1	16.69	12.56	343.6	-3.0	232.1	230.9	231.8	-12.3	.651
203.2	16.67	12.55	342.0	-3.1	231.3	230.1	231.0	-12.5	.650
216.6	16.66	12.56	341.4	-3.0	230.5	229.4	230.2	-11.9	.648
228.5	16.57	12.56	340.5	-2.6	228.3	227.2	228.0	-10.2	.642
248.0	16.57	12.51	341.8	-2.5	230.0	228.9	229.8	-9.8	.646
260.5	16.59	12.50	343.0	-2.4	231.5	230.4	231.3	-9.6	.649
276.1	16.63	12.50	342.9	-2.3	232.1	231.0	231.9	-9.2	.651
291.5	16.62	12.51	342.6	-2.4	231.4	230.3	231.2	-9.5	.649
304.0	16.60	12.51	342.8	-2.6	231.2	230.1	231.0	-10.6	.649
319.9	16.61	12.51	342.4	-2.7	231.5	230.4	231.3	-10.7	.650
335.3	16.58	12.51	344.2	-2.4	231.1	230.0	230.9	-9.6	.647
351.4	16.59	12.52	347.7	-3.7	232.3	230.9	231.8	-14.9	.647

TABLE IV. - Continued.

(c) Continued.

(c-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	16.55	12.46	346.6	-3.9	232.8	231.3	232.2	-15.6	.650
23.1	16.54	12.42	345.2	-4.0	233.3	231.8	232.7	-16.1	.652
36.2	16.51	12.42	343.8	-3.5	232.3	230.9	231.9	-14.1	.651
48.8	16.62	12.43	344.5	-3.7	234.7	233.3	234.2	-15.0	.658
68.1	16.56	12.53	344.5	-3.6	230.1	228.7	229.6	-14.2	.643
80.5	16.62	12.56	344.9	-3.9	230.8	229.3	230.3	-15.7	.645
96.2	16.62	12.54	344.6	-3.6	231.4	230.0	230.9	-14.3	.647
111.5	16.64	12.55	345.2	-3.5	231.7	230.3	231.3	-14.1	.648
124.2	16.70	12.55	345.1	-3.3	233.3	232.0	233.0	-13.2	.653
139.8	16.63	12.52	343.5	-3.3	231.9	230.6	231.5	-13.4	.650
155.2	16.72	12.52	344.4	-3.3	234.4	233.1	234.1	-12.3	.657
171.0	16.80	12.53	344.6	-2.1	235.9	234.8	235.8	-8.7	.661
187.2	16.71	12.52	344.3	-2.2	234.0	232.9	233.8	-9.0	.656
203.1	16.77	12.51	343.7	-2.1	235.5	234.4	235.4	-8.8	.661
216.2	16.72	12.52	342.9	-1.9	233.7	232.7	233.6	-7.8	.656
228.8	16.65	12.54	341.6	-1.6	231.2	230.2	231.1	-6.5	.650
248.1	16.59	12.50	342.4	-1.7	231.1	230.0	231.0	-6.9	.649
260.5	16.58	12.49	342.4	-2.0	231.4	230.3	231.3	-8.2	.650
274.2	16.53	12.48	342.8	-2.1	230.4	229.4	230.3	-8.2	.646
291.5	16.54	12.48	341.9	-2.1	230.6	229.5	230.5	-8.2	.648
304.2	16.52	12.48	342.0	-2.1	230.0	228.9	229.8	-8.4	.646
319.8	16.61	12.47	342.3	-1.9	232.6	231.5	232.4	-7.6	.653
335.2	16.48	12.46	342.5	-2.3	229.8	228.7	229.6	-9.1	.645
351.0	16.54	12.48	345.1	-3.8	231.5	230.1	231.0	-15.3	.647

(c-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	16.43	12.47	343.3	-3.9	228.8	227.3	228.3	-15.3	.641
23.3	16.42	12.43	342.6	-3.9	229.3	227.8	228.8	-15.7	.643
36.5	16.41	12.44	341.9	-3.6	228.6	227.2	228.1	-14.1	.642
48.5	16.47	12.44	342.8	-3.6	230.2	228.8	229.7	-14.5	.646
68.1	16.42	12.55	342.2	-3.8	225.4	224.0	224.9	-15.1	.632
80.7	16.41	12.58	342.6	-3.9	224.3	222.8	223.8	-15.1	.628
95.7	16.49	12.58	342.7	-3.8	226.5	225.0	226.0	-14.9	.634
111.7	16.50	12.57	343.3	-3.6	227.1	225.7	226.6	-14.1	.636
124.1	16.55	12.56	344.1	-3.6	229.0	227.6	228.5	-14.5	.641
139.7	16.54	12.55	342.8	-3.9	228.4	227.0	227.9	-15.3	.640
155.0	16.58	12.55	342.7	-3.9	229.5	228.0	229.0	-15.7	.644
170.8	16.62	12.54	342.1	-2.5	230.5	229.4	230.3	-9.8	.647
187.2	16.65	12.53	342.9	-2.4	231.7	230.5	231.5	-9.5	.650
203.3	16.63	12.52	342.4	-2.2	231.4	230.2	231.2	-9.0	.650
216.5	16.64	12.54	341.7	-2.2	230.7	229.5	230.5	-8.7	.648
228.5	16.55	12.56	341.0	-2.1	228.0	226.9	227.9	-8.4	.641
248.1	16.45	12.51	341.1	-2.3	227.0	225.9	226.9	-9.1	.638
260.7	16.41	12.50	341.2	-2.2	226.5	225.4	226.3	-8.8	.636
275.7	16.43	12.50	341.1	-2.4	226.7	225.6	226.5	-9.5	.637
291.7	16.40	12.49	340.3	-2.5	226.0	224.9	225.8	-9.7	.636
304.1	16.42	12.48	340.3	-2.7	226.8	225.6	226.6	-10.6	.638
319.7	16.46	12.48	340.0	-2.5	227.7	226.6	227.5	-9.7	.641
335.0	16.33	12.48	340.2	-2.7	224.7	223.5	224.5	-10.6	.632
350.8	16.41	12.48	342.8	-3.8	227.5	226.1	227.0	-15.2	.638

TABLE IV. - Continued.

(c) Continued.

(c-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	16.27	12.46	341.0	-2.9	224.1	222.9	223.8	-11.4	.629
23.2	16.22	12.46	339.2	-3.1	222.5	221.2	222.2	-11.8	.626
36.1	16.20	12.45	339.4	-2.8	222.1	220.9	221.9	-10.6	.625
48.6	16.20	12.46	340.0	-2.7	222.1	220.9	221.9	-10.4	.624
67.7	16.21	12.52	339.6	-2.6	220.3	219.1	220.1	-10.1	.619
80.7	16.21	12.54	339.2	-2.8	219.3	218.1	219.0	-10.7	.616
96.1	16.24	12.54	339.3	-2.9	220.4	219.1	220.1	-10.9	.619
111.5	16.33	12.54	340.6	-2.8	223.0	221.7	222.7	-10.9	.626
123.9	16.42	12.54	341.8	-2.8	225.8	224.5	225.5	-11.1	.633
139.8	16.39	12.53	340.1	-3.1	224.8	223.5	224.5	-12.0	.632
155.1	16.49	12.53	341.5	-3.1	227.5	226.2	227.2	-12.1	.639
171.3	16.49	12.52	340.3	-3.0	227.6	226.3	227.3	-11.7	.640
187.3	16.46	12.53	340.2	-2.9	226.2	224.9	225.9	-11.2	.636
203.2	16.46	12.56	339.8	-2.9	225.3	224.1	225.1	-11.4	.634
216.1	16.40	12.56	339.4	-2.9	223.8	222.5	223.5	-11.2	.630
228.6	16.37	12.57	338.8	-2.7	222.2	221.0	222.0	-10.4	.625
247.7	16.28	12.47	338.5	-2.9	223.4	222.1	223.1	-11.2	.629
260.7	16.31	12.43	338.4	-2.9	225.5	224.2	225.2	-11.4	.636
276.1	16.26	12.43	338.6	-2.9	224.1	222.8	223.8	-11.2	.631
291.5	16.33	12.43	338.8	-2.9	225.8	224.6	225.6	-11.4	.636
303.9	16.33	12.44	338.4	-2.7	225.3	224.1	225.1	-10.7	.635
319.8	16.35	12.44	338.8	-2.9	226.2	225.0	226.0	-11.3	.638
335.1	16.30	12.44	338.7	-2.7	224.7	223.5	224.5	-10.5	.633
351.3	16.23	12.44	339.5	-2.9	223.4	222.1	223.1	-11.2	.628

(c-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	15.74	12.47	334.7	-1.9	208.3	207.1	208.1	-6.7	.587
23.3	15.67	12.45	334.2	-1.8	206.6	205.5	206.5	-6.5	.583
36.4	15.66	12.45	334.4	-1.6	206.4	205.3	206.3	-5.8	.582
48.5	15.64	12.45	334.0	-1.7	205.6	204.5	205.5	-6.0	.580
67.8	15.63	12.50	333.9	-1.7	203.9	202.9	203.8	-6.0	.575
80.2	15.64	12.51	333.7	-1.8	203.6	202.5	203.5	-6.4	.574
95.9	15.71	12.51	334.3	-1.6	205.5	204.4	205.4	-5.7	.579
111.6	15.69	12.54	335.1	-1.6	204.3	203.3	204.2	-5.7	.575
124.1	15.83	12.54	335.7	-1.5	208.3	207.2	208.2	-5.5	.586
139.9	15.85	12.54	334.9	-1.4	208.8	207.7	208.7	-5.2	.589
155.2	15.78	12.53	334.3	-1.9	206.8	205.7	206.7	-6.8	.583
171.3	16.16	12.54	336.0	-3.0	217.3	215.9	217.0	-11.3	.613
187.4	16.12	12.54	335.9	-3.2	216.0	214.6	215.7	-11.9	.609
203.3	16.12	12.55	335.9	-3.0	215.9	214.6	215.6	-11.4	.609
216.4	16.05	12.56	335.5	-2.8	213.5	212.2	213.3	-10.2	.602
228.5	16.02	12.58	335.1	-2.7	211.9	210.6	211.7	-9.9	.598
247.8	15.92	12.47	334.8	-2.7	212.7	211.5	212.5	-9.8	.601
260.2	15.91	12.42	335.0	-2.8	214.2	212.9	213.9	-10.4	.605
275.9	15.92	12.43	335.1	-2.9	214.3	213.0	214.0	-10.7	.605
291.6	15.87	12.46	333.9	-3.0	211.8	210.5	211.5	-11.0	.599
304.1	15.88	12.47	334.3	-3.0	211.6	210.3	211.3	-10.9	.598
319.9	15.93	12.48	334.3	-2.8	212.7	211.4	212.4	-10.4	.601
335.2	15.86	12.48	334.0	-2.9	210.8	209.5	210.6	-10.4	.596
351.3	15.88	12.48	335.4	-1.8	211.7	210.6	211.6	-6.6	.597

TABLE IV. - Continued.

(c) Concluded.

(c-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.7	16.33	13.89	333.1	14.8	173.9	166.6	168.2	44.0	.486
25.0	16.28	13.68	333.2	14.7	180.5	173.0	174.7	45.3	.506
43.8	16.40	13.93	333.1	14.8	174.7	167.4	169.0	44.2	.489
56.8	16.30	13.67	333.1	14.7	180.9	173.4	175.1	45.4	.507
72.4	16.21	13.66	333.1	14.7	178.4	171.1	172.7	44.8	.500
87.9	16.37	13.70	333.1	14.7	182.2	174.6	176.3	45.8	.511
100.1	16.29	13.54	333.1	14.7	185.6	178.0	179.7	46.6	.521
116.0	16.52	14.02	333.0	14.8	175.3	168.0	169.6	44.3	.491
131.6	16.35	13.59	333.1	14.7	185.7	178.0	179.7	46.6	.521
327.2	16.29	13.79	333.2	14.7	176.7	169.3	171.0	44.5	.494
343.6	16.29	13.79	333.2	14.7	176.6	169.2	170.9	44.5	.494
360.0	16.26	13.73	333.2	14.7	177.4	170.1	171.7	44.6	.497

(c-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.1	16.11	13.29	333.5	11.7	189.2	183.9	185.3	37.9	.531
73.5	16.09	13.31	333.3	11.7	188.0	182.8	184.2	37.8	.528
89.9	16.12	13.35	333.1	11.7	187.3	182.0	183.4	37.8	.526
102.6	15.95	13.24	333.1	11.6	186.3	181.1	182.6	37.3	.523
114.9	16.18	13.50	332.9	11.8	183.8	178.6	180.0	37.4	.516
133.7	16.04	13.26	332.8	11.6	187.9	182.6	184.1	37.6	.528
146.7	16.06	13.23	332.7	11.6	189.9	184.6	186.1	38.0	.534
162.3	16.09	13.23	333.2	11.6	190.9	185.6	187.0	38.2	.536
177.8	16.09	13.22	333.6	11.6	191.3	186.0	187.4	38.3	.537
190.0	16.17	13.22	333.5	11.6	193.5	188.1	189.6	38.7	.544
205.9	16.14	13.25	333.9	11.6	191.9	186.5	188.0	38.3	.539
221.5	16.09	13.24	333.5	11.6	190.6	185.3	186.8	38.1	.535

(c-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.9	15.59	12.94	335.4	6.7	186.9	184.2	185.6	21.5	.523
28.5	15.58	12.95	335.3	6.7	186.3	183.6	185.0	21.5	.521
224.1	15.82	13.02	334.8	6.8	190.8	188.1	189.5	22.3	.535
240.5	15.66	12.97	334.8	6.7	187.7	185.1	186.5	21.7	.526
256.9	15.63	12.99	334.6	6.7	186.3	183.6	185.0	21.5	.522
269.6	15.59	12.97	335.2	6.7	185.7	183.1	184.4	21.5	.519
281.9	15.61	12.92	335.5	6.7	188.4	185.7	187.1	21.8	.527
300.7	15.77	13.06	335.7	6.8	188.1	185.4	186.8	22.0	.526
313.7	15.69	12.94	335.6	6.7	189.8	187.1	188.5	22.0	.531
329.3	15.61	12.93	335.5	6.7	187.9	185.3	186.7	21.7	.526
344.8	15.63	12.93	335.4	6.7	188.5	185.8	187.2	21.7	.527
357.0	15.64	12.92	335.4	6.7	189.3	186.6	188.0	21.9	.530

TABLE IV. - Continued.

(d) 90 Percent of design speed; reading 445-576

(d-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	9.22	8.32	288.9	-8.3	129.7	128.3	128.3	-18.7	.386
24.6	9.81	8.34	289.9	-3.7	162.4	162.1	162.1	-10.6	.487
37.5	9.92	8.35	290.6	-7.8	167.8	166.3	166.3	-22.9	.503
56.7	9.49	8.39	289.2	-17.1	141.7	135.4	135.4	-41.7	.423
69.2	9.57	8.47	289.3	-13.9	140.7	136.6	136.6	-33.7	.420
83.9	9.69	8.50	289.6	-12.6	146.2	142.7	142.7	-31.8	.437
99.7	9.65	8.52	288.7	-13.0	142.7	139.0	139.0	-32.2	.427
111.1	9.68	8.58	288.6	-12.1	140.2	137.1	137.1	-29.3	.419
128.0	9.82	8.63	288.9	-11.3	145.4	142.6	142.6	-28.5	.435
145.0	10.07	8.60	289.1	-8.5	159.9	158.1	158.1	-23.7	.480
163.1	10.04	8.67	289.3	-5.7	154.5	153.7	153.7	-15.4	.463
178.8	9.83	8.69	288.7	-1.3	141.4	141.4	141.4	-3.3	.423
195.2	10.02	8.71	288.8	2.2	151.4	151.3	151.3	5.8	.453
207.6	10.06	8.70	289.0	5.7	154.0	153.2	153.2	15.2	.461
220.5	10.09	8.68	289.2	9.4	156.1	154.0	154.0	25.5	.468
239.7	9.78	8.62	289.2	8.8	143.2	141.5	141.5	21.8	.428
252.2	9.78	8.57	289.2	10.2	147.1	144.8	144.8	26.0	.440
266.9	9.67	8.51	288.9	11.2	144.2	141.5	141.5	28.1	.431
282.7	9.66	8.47	288.9	13.0	146.5	142.8	142.8	33.0	.438
294.1	9.54	8.44	288.4	15.0	141.2	136.4	136.4	36.6	.422
311.0	9.46	8.39	288.8	17.7	139.7	133.1	133.1	42.6	.417
328.0	9.69	8.36	289.1	13.1	155.1	151.0	151.0	35.3	.465
340.1	9.50	8.33	289.7	5.6	146.3	145.6	145.6	14.2	.437
355.8	9.40	8.31	289.1	-2.0	141.6	141.5	141.5	-4.9	.423

(d-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	9.20	8.29	288.0	-3.9	130.4	130.1	130.1	-8.8	.389
24.8	10.02	8.31	289.9	-2.3	174.1	174.0	174.0	-7.1	.524
37.5	9.97	8.32	290.5	-7.0	171.4	170.1	170.1	-20.9	.515
56.5	9.68	8.36	289.6	-9.1	154.8	152.8	152.8	-24.6	.463
69.2	9.64	8.46	289.0	-8.8	145.7	144.0	144.0	-22.2	.436
84.5	9.83	8.47	289.2	-7.7	155.1	153.7	153.7	-20.9	.465
100.2	9.68	8.51	288.6	-9.0	145.1	143.3	143.3	-22.6	.434
112.2	9.73	8.55	287.7	-11.1	144.6	141.9	141.9	-27.8	.433
128.0	9.80	8.60	288.6	-6.9	146.0	144.9	144.9	-17.5	.437
144.3	9.89	8.59	288.4	-6.1	151.4	150.5	150.5	-16.1	.454
163.1	10.03	8.64	288.8	-4.6	155.9	155.4	155.4	-12.4	.468
179.3	10.07	8.66	288.5	-1.3	156.1	156.1	156.1	-3.5	.468
195.0	10.13	8.67	288.8	2.9	159.0	158.8	158.8	8.1	.477
207.8	10.08	8.66	288.6	5.0	157.1	156.5	156.5	13.8	.472
220.5	9.92	8.64	288.6	6.5	149.9	149.0	149.0	17.0	.449
239.5	9.79	8.58	288.1	7.1	146.3	145.2	145.2	18.0	.438
252.2	9.75	8.53	288.6	7.6	147.6	146.3	146.3	19.4	.442
267.5	9.72	8.48	288.6	9.0	149.0	147.2	147.2	23.3	.446
283.2	9.67	8.45	288.4	8.9	148.3	146.6	146.6	22.9	.444
295.2	9.69	8.41	288.1	7.8	151.7	150.3	150.3	20.5	.455
311.0	9.47	8.35	288.1	11.1	143.0	140.3	140.3	27.5	.428
327.3	9.39	8.32	287.1	8.3	139.4	138.0	138.0	20.1	.418
340.1	10.06	8.31	289.8	.7	175.8	175.8	175.8	2.0	.530
356.3	9.49	8.28	288.1	-3.1	148.5	148.2	148.2	-7.9	.445

TABLE IV. - Continued.

(d) Continued.

(d-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.4	9.39	8.27	287.9	-2.5	143.3	143.1	143.2	-6.4	.429
24.8	10.13	8.29	289.6	-.3	180.3	180.2	180.3	-.9	.544
37.3	10.10	8.30	289.7	-2.7	177.9	177.7	177.7	-8.4	.536
56.7	9.84	8.33	289.3	-2.7	164.4	164.1	164.2	-7.6	.494
68.7	9.96	8.47	289.4	.6	162.6	162.5	162.6	1.6	.488
84.6	9.85	8.50	289.3	-2.5	155.1	154.9	155.0	-6.8	.465
100.1	9.94	8.51	289.1	-5.4	158.7	158.0	158.0	-14.9	.476
112.6	9.93	8.54	288.4	-2.5	156.6	156.4	156.4	-6.9	.470
128.5	9.95	8.53	287.6	-4.4	157.4	157.0	157.0	-12.0	.473
145.5	10.11	8.61	288.5	-3.3	161.0	160.7	160.7	-9.3	.484
163.3	10.10	8.65	287.9	-3.7	158.0	157.6	157.7	-10.3	.475
179.1	10.13	8.66	288.2	-.8	159.0	158.9	158.9	-2.2	.478
195.4	10.18	8.68	288.1	1.5	160.6	160.5	160.6	4.3	.483
207.8	10.14	8.66	288.4	2.1	160.0	159.8	159.9	5.8	.481
220.3	10.01	8.65	288.2	2.7	153.8	153.6	153.7	7.2	.462
239.7	9.94	8.59	288.2	4.2	153.8	153.3	153.4	11.1	.461
251.7	9.86	8.53	287.9	4.1	153.0	152.6	152.7	10.9	.459
267.6	9.87	8.46	288.3	2.6	157.8	157.6	157.6	7.0	.474
283.1	9.82	8.43	287.9	.9	157.2	157.1	157.2	2.6	.472
295.6	10.10	8.39	288.5	-.3	172.8	172.8	172.8	-.8	.521
311.5	9.49	8.30	286.4	-.1	146.7	146.7	146.7	-.2	.441
328.5	9.42	8.29	286.0	-.8	143.7	143.6	143.7	-2.0	.432
340.3	10.19	8.30	289.2	-1.3	181.8	181.7	181.7	-4.1	.549
356.1	9.59	8.28	287.5	-1.7	154.2	154.1	154.1	-4.7	.463

(d-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.17	8.27	289.3	-1.4	182.6	182.5	182.5	-4.5	.552
25.0	10.22	8.28	288.9	.3	184.0	184.0	184.0	.9	.557
37.4	10.18	8.29	289.1	.1	181.6	181.6	181.6	.4	.549
57.0	9.98	8.32	289.1	1.5	171.7	171.6	171.6	4.3	.517
69.0	10.06	8.48	287.9	.6	165.8	165.7	165.8	1.8	.499
84.6	9.97	8.50	288.0	-.1	160.6	160.5	160.6	-.2	.483
100.1	10.19	8.53	288.0	-.9	169.1	169.0	169.1	-2.8	.510
112.7	10.17	8.57	287.1	-.6	166.0	166.0	166.0	-1.8	.501
128.0	10.03	8.59	287.2	-2.8	158.1	157.9	158.0	-7.6	.476
145.0	10.23	8.60	288.2	-2.7	167.2	166.9	167.0	-7.8	.504
163.3	10.01	8.62	287.2	.0	155.1	155.1	155.1	.1	.467
179.1	10.14	8.64	287.3	.7	160.3	160.2	160.3	2.0	.483
195.2	10.22	8.66	288.0	1.5	163.6	163.5	163.5	4.4	.492
208.0	10.18	8.65	287.6	.5	162.5	162.4	162.5	1.4	.489
220.4	10.01	8.64	287.6	1.6	154.5	154.4	154.5	4.2	.464
240.0	10.01	8.58	288.2	1.0	158.0	158.0	158.0	2.6	.475
257.0	9.98	8.51	287.5	.0	160.5	160.5	160.5	.0	.483
267.6	9.96	8.45	287.4	.0	162.7	162.7	162.7	.0	.490
283.1	10.00	8.42	287.3	-1.0	166.7	166.6	166.6	-2.8	.503
295.7	10.15	8.38	287.9	-.5	175.2	175.2	175.2	-1.7	.530
311.0	9.90	8.34	287.6	-2.4	166.0	165.8	165.9	-7.0	.501
328.0	9.85	8.31	287.9	-.7	165.8	165.7	165.8	-2.0	.500
340.3	10.18	8.29	288.6	-1.0	181.9	181.8	181.8	-3.3	.550
356.1	10.10	8.27	289.5	-.5	179.8	179.7	179.8	-1.6	.542

TABLE IV. - Continued.

(d) Continued.

(d-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.5	10.23	8.28	288.3	-.0	184.3	184.2	184.3	-.1	.558
25.0	10.25	8.29	288.2	.9	184.8	184.7	184.8	2.8	.560
37.4	10.20	8.30	289.0	2.8	182.1	181.9	181.9	8.9	.550
56.6	10.14	8.32	289.6	3.9	178.5	178.0	178.1	12.2	.538
68.7	9.97	8.47	287.7	.2	162.0	162.0	162.0	.5	.488
84.7	9.93	8.50	288.5	.7	158.5	158.5	158.5	2.0	.476
100.2	10.12	8.53	288.4	-1.2	166.5	166.4	166.4	-3.5	.501
112.6	10.20	8.56	287.8	.7	168.3	168.3	168.3	1.9	.508
128.0	10.16	8.59	287.7	-.1	164.6	164.6	164.6	-.3	.496
145.1	10.22	8.61	287.2	-1.8	166.0	165.9	165.9	-5.1	.501
163.1	9.98	8.64	286.4	.7	152.5	152.4	152.5	2.0	.459
179.2	10.15	8.66	287.3	1.2	160.0	159.9	160.0	3.2	.482
189.5	10.24	8.66	287.6	1.8	164.3	164.1	164.2	5.2	.495
208.0	10.22	8.64	288.8	.0	164.7	164.7	164.7	-.1	.495
220.4	10.09	8.63	287.3	-.1	158.6	158.6	158.6	-.3	.477
239.6	10.11	8.57	287.7	-1.0	162.8	162.8	162.8	-2.7	.490
251.7	10.15	8.51	288.2	-.5	168.7	168.6	168.7	-1.4	.508
267.7	10.09	8.45	288.0	-1.2	169.4	169.3	169.3	-3.6	.511
283.2	10.02	8.41	287.0	-1.3	167.8	167.7	167.7	-3.7	.507
295.6	10.21	8.38	287.3	-2.0	178.1	177.9	178.0	-6.1	.539
311.0	10.09	8.34	287.9	-3.2	175.1	174.8	174.9	-9.8	.529
328.1	10.19	8.32	288.1	-1.5	180.6	180.5	180.5	-4.8	.546
340.1	10.22	8.30	288.9	-1.2	182.8	182.7	182.7	-3.9	.553
356.2	10.22	8.29	288.6	-1.1	183.5	183.4	183.5	-3.6	.555

(d-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.5	10.27	8.30	288.8	-.3	185.5	185.4	185.5	-.8	.561
25.0	10.27	8.30	288.6	.9	185.0	184.9	185.0	2.9	.560
37.2	10.28	8.32	288.5	1.9	184.3	184.2	184.2	5.9	.558
56.9	10.27	8.33	289.7	4.3	183.5	182.9	182.9	13.9	.554
69.2	10.08	8.48	288.4	1.3	167.0	166.9	167.0	3.8	.503
85.0	9.93	8.50	288.4	.3	158.4	158.3	158.4	.7	.476
100.1	10.26	8.54	287.6	1.2	171.6	171.5	171.5	3.7	.516
112.6	10.24	8.57	287.6	2.3	169.5	169.3	169.3	6.7	.511
128.1	10.23	8.59	287.9	.8	167.7	167.6	167.7	2.5	.506
144.0	10.21	8.62	288.8	.7	165.5	165.4	165.5	1.9	.498
163.5	10.05	8.64	286.9	1.9	156.0	155.9	156.0	5.1	.470
179.1	10.18	8.65	287.5	1.9	161.9	161.8	161.8	5.5	.488
191.5	10.26	8.65	287.5	1.0	166.1	166.0	166.1	2.8	.501
208.0	10.23	8.65	287.8	-.1	164.6	164.5	164.6	-.2	.496
220.2	10.07	8.64	287.4	-1.6	157.2	157.1	157.2	-4.3	.473
239.9	10.17	8.57	287.5	-2.9	166.3	166.1	166.1	-8.4	.502
252.2	10.15	8.50	287.4	-1.9	168.9	168.8	168.8	-5.5	.510
268.0	10.08	8.44	287.4	-1.4	169.3	169.2	169.3	-4.1	.511
283.1	10.06	8.41	287.3	-2.0	169.5	169.4	169.4	-5.9	.512
295.6	10.22	8.38	287.3	-2.7	178.1	177.9	177.9	-8.3	.539
311.1	10.23	8.36	287.5	-3.2	180.0	179.7	179.8	-10.0	.545
327.0	10.20	8.34	287.6	-1.3	179.7	179.6	179.6	-4.1	.544
340.5	10.25	8.33	288.6	-.5	182.9	182.8	182.9	-1.5	.553
356.1	10.25	8.31	288.6	-.7	183.8	183.7	183.8	-2.3	.556

TABLE IV. - Continued.

(d) Continued.

(d-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.27	8.31	288.8	.4	184.6	184.5	184.6	1.3	.559
25.0	10.29	8.32	288.4	2.1	184.5	184.3	184.4	6.9	.559
37.2	10.29	8.33	288.3	1.9	183.9	183.7	183.8	6.2	.557
56.8	10.29	8.34	289.3	3.7	184.1	183.7	183.7	11.8	.557
69.2	10.07	8.51	287.8	.9	164.8	164.7	164.8	2.6	.496
84.6	10.12	8.52	288.5	1.9	167.1	167.0	167.0	5.5	.503
100.1	10.23	8.55	287.2	2.2	169.9	169.7	169.8	6.5	.513
112.6	10.28	8.56	287.4	1.8	171.5	171.4	171.4	5.5	.518
128.5	10.28	8.59	287.9	.8	170.3	170.2	170.3	2.4	.514
145.2	10.28	8.61	288.2	.1	169.2	169.1	169.2	.4	.510
163.2	10.17	8.63	286.8	4.5	162.6	162.0	162.1	12.9	.490
179.0	10.27	8.64	287.9	1.4	166.8	166.6	166.7	4.0	.503
194.9	10.27	8.64	287.2	-.7	166.8	166.7	166.8	-2.0	.503
208.0	10.28	8.63	288.4	-1.6	167.9	167.8	167.9	-4.6	.506
220.2	10.27	8.63	288.3	-2.0	167.9	167.7	167.8	-5.8	.506
239.8	10.27	8.58	287.1	-3.6	170.2	169.8	169.9	-10.6	.514
252.2	10.28	8.50	287.9	-4.0	174.6	174.1	174.2	-12.1	.527
267.6	10.25	8.44	287.7	-3.8	176.4	176.0	176.0	-11.6	.534
283.1	10.26	8.41	287.9	-3.9	178.6	178.1	178.2	-12.0	.540
295.6	10.27	8.39	288.1	-4.0	180.5	180.0	180.1	-12.7	.546
311.5	10.27	8.37	287.0	-3.1	181.2	180.9	181.0	-9.6	.550
328.2	10.23	8.35	287.1	-1.0	180.3	180.2	180.3	-3.2	.547
340.2	10.29	8.33	288.5	-1.4	184.1	183.9	184.0	-4.6	.557
356.0	10.28	8.32	288.7	.7	184.6	184.5	184.6	2.4	.559

(d-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.29	8.35	288.1	1.1	183.3	183.2	183.3	3.4	.555
24.4	10.30	8.35	288.4	1.9	183.4	183.2	183.3	6.0	.555
37.4	10.30	8.36	288.5	2.9	183.1	182.8	182.9	9.3	.554
56.4	10.30	8.36	288.2	3.2	182.9	182.5	182.6	10.3	.554
69.0	10.16	8.51	288.3	4.0	168.8	168.3	168.4	11.7	.509
84.7	10.25	8.53	288.4	2.9	171.8	171.5	171.6	8.6	.518
100.3	10.24	8.55	288.5	4.6	170.5	169.9	169.9	13.6	.514
112.5	10.30	8.56	288.4	2.6	172.4	172.2	172.3	7.9	.520
128.1	10.30	8.58	287.3	2.7	171.1	170.8	170.9	7.9	.517
145.2	10.29	8.60	286.5	.8	169.4	169.4	169.4	2.2	.512
163.2	10.24	8.63	286.4	2.4	166.0	165.8	165.9	7.0	.502
179.2	10.29	8.64	286.8	1.6	167.6	167.5	167.6	4.7	.506
190.6	10.29	8.64	287.8	.0	168.1	168.0	168.1	.1	.507
207.4	10.28	8.64	287.5	-.9	167.6	167.5	167.6	-2.7	.506
220.4	10.29	8.63	288.0	-3.3	168.4	168.0	168.1	-9.7	.508
239.4	10.29	8.58	288.3	-4.3	171.1	170.5	170.6	-12.9	.516
252.0	10.29	8.50	288.2	-5.9	175.4	174.4	174.5	-17.9	.530
267.7	10.28	8.44	288.0	-6.3	178.0	176.9	177.0	-19.6	.538
283.3	10.29	8.41	287.9	-5.8	179.9	178.9	178.9	-18.0	.544
295.5	10.29	8.40	287.0	-5.4	180.4	179.5	179.6	-17.0	.547
311.1	10.28	8.38	287.0	-3.3	181.1	180.7	180.8	-10.4	.549
328.2	10.28	8.37	286.9	-1.9	181.5	181.4	181.4	-6.0	.551
340.2	10.29	8.36	288.6	-2.6	183.0	182.8	182.8	-8.4	.554
356.2	10.28	8.35	288.5	-.3	183.1	183.0	183.1	-1.1	.554

TABLE IV. - Continued.

(d) Continued.

(d-9) Station 0; radial position 9

THETA	TOTAL PPRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.30	8.40	288.0	1.2	180.9	180.8	180.9	3.9	.548
24.7	10.31	8.40	288.1	2.2	181.1	180.9	180.9	7.0	.548
37.4	10.31	8.41	288.2	2.2	180.9	180.7	180.8	7.1	.547
56.4	10.31	8.39	288.5	4.0	181.9	181.3	181.4	12.5	.550
69.3	10.30	8.57	288.9	4.3	172.5	172.0	172.0	12.9	.520
84.6	10.27	8.58	288.1	5.4	170.3	169.5	169.6	16.1	.514
99.8	10.21	8.59	288.1	4.6	167.1	166.5	166.5	13.5	.503
112.2	10.29	8.60	288.3	4.8	170.2	169.5	169.6	14.1	.513
128.1	10.30	8.61	287.6	2.9	169.9	169.6	169.7	8.5	.513
145.1	10.30	8.64	288.6	2.3	168.9	168.6	168.7	6.9	.509
163.1	10.26	8.66	286.8	5.0	165.3	164.6	164.7	14.3	.499
179.0	10.29	8.67	286.4	1.9	165.8	165.7	165.7	5.5	.501
195.1	10.30	8.67	286.6	.0	166.1	166.1	166.1	.1	.502
207.7	10.29	8.67	287.1	-2.6	166.0	165.8	165.9	-7.5	.501
220.4	10.30	8.66	288.3	-3.0	167.5	167.2	167.3	-8.7	.505
239.4	10.30	8.59	288.8	-4.6	171.5	170.8	170.9	-13.9	.517
252.3	10.25	8.53	287.9	-5.5	172.2	171.4	171.5	-16.5	.520
267.6	10.30	8.48	287.2	-5.6	176.7	175.8	175.8	-17.2	.535
282.8	10.30	8.46	286.9	-5.9	177.5	176.5	176.6	-18.2	.538
295.2	10.30	8.44	288.4	-5.5	178.8	178.0	178.0	-17.0	.541
311.1	10.27	8.42	286.2	-3.7	177.9	177.4	177.5	-11.4	.540
328.1	10.29	8.41	286.8	-2.5	179.6	179.4	179.5	-7.7	.545
340.1	10.30	8.41	288.5	-2.1	181.0	180.8	180.9	-6.6	.547
356.0	10.28	8.40	288.0	-.9	180.0	179.9	179.9	-2.7	.545

(d-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.6	10.30	8.46	288.6	.0	178.1	178.0	178.1	.1	.538
24.9	10.30	8.47	288.4	2.5	177.6	177.4	177.5	7.8	.537
37.2	10.30	8.46	289.1	3.9	178.0	177.5	177.6	12.1	.537
56.5	10.30	8.46	288.6	5.8	178.3	177.4	177.4	17.9	.539
69.1	10.30	8.57	288.3	6.4	172.2	171.1	171.1	19.2	.519
84.6	10.30	8.58	288.0	6.2	171.5	170.4	170.5	18.6	.518
100.1	10.30	8.59	288.1	7.0	171.1	169.8	169.8	20.9	.516
112.6	10.30	8.59	288.0	8.0	171.0	169.3	169.3	23.6	.516
128.2	10.31	8.61	287.5	5.1	170.3	169.5	169.6	15.2	.514
145.2	10.31	8.63	287.7	2.7	169.0	168.8	168.9	7.9	.510
163.2	10.29	8.65	287.0	3.9	167.3	166.8	166.9	11.4	.505
179.2	10.29	8.66	287.3	.5	166.4	166.4	166.4	1.4	.502
193.6	10.29	8.67	289.7	-.8	167.1	167.0	167.1	-2.2	.502
207.9	10.29	8.66	287.3	-1.9	166.7	166.6	166.6	-5.4	.503
220.2	10.30	8.65	288.2	-2.5	167.7	167.5	167.5	-7.2	.505
239.5	10.30	8.60	289.3	-4.7	170.6	170.0	170.0	-14.0	.513
252.1	10.30	8.52	288.9	-6.1	174.7	173.7	173.7	-18.5	.527
267.6	10.30	8.47	287.2	-7.1	177.1	175.7	175.8	-22.0	.536
283.1	10.30	8.46	288.7	-7.1	178.1	176.7	176.8	-22.0	.538
295.6	10.29	8.45	287.3	-4.8	177.8	177.1	177.2	-14.9	.538
311.2	10.30	8.45	288.4	-5.3	178.5	177.7	177.7	-16.6	.539
328.2	10.30	8.45	288.7	-3.4	178.7	178.3	178.4	-10.7	.540
340.2	10.30	8.45	288.8	-3.5	178.6	178.2	178.3	-11.0	.539
356.2	10.30	8.45	289.4	-1.6	178.6	178.5	178.6	-5.0	.539

TABLE IV. - Continued.

(d) Continued.

(d-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.29	8.50	287.1	-.2	174.7	174.7	174.7	-.6	.529
25.0	10.29	8.51	288.1	1.7	174.9	174.8	174.8	5.1	.528
37.4	10.29	8.50	288.4	2.9	175.3	175.1	175.1	8.9	.529
56.8	10.29	8.49	288.9	5.9	176.2	175.3	175.3	18.2	.532
69.2	10.29	8.59	286.6	7.5	170.0	168.6	168.6	22.2	.514
84.6	10.29	8.59	288.1	9.6	170.7	168.3	168.3	28.4	.515
100.1	10.29	8.58	287.0	9.1	170.6	168.5	168.5	26.8	.516
112.6	10.29	8.60	287.3	8.5	169.9	168.0	168.0	25.1	.513
126.1	10.29	8.61	288.1	7.5	169.8	168.4	168.4	22.3	.512
144.8	10.29	8.62	287.9	6.5	168.9	167.8	167.8	19.1	.509
163.3	10.28	8.64	286.8	1.2	166.8	166.7	166.7	3.4	.504
179.1	10.28	8.55	286.8	.0	166.2	166.2	166.2	.0	.502
195.1	10.28	8.66	287.5	.5	166.3	166.2	166.3	1.6	.501
208.0	10.28	8.65	287.4	-3.6	166.5	166.2	166.2	-10.5	.502
220.4	10.28	8.65	287.8	-4.4	167.1	166.6	166.6	-12.9	.504
239.8	10.28	8.59	288.6	-6.1	170.6	169.6	169.6	-18.2	.514
252.7	10.28	8.50	286.9	-7.1	174.7	173.4	173.4	-21.6	.529
267.6	10.29	8.44	289.5	-9.4	178.6	176.2	176.2	-29.1	.539
283.1	10.29	8.44	287.2	-10.5	178.0	174.9	175.0	-32.6	.539
295.6	10.29	8.45	288.1	-8.8	177.9	175.8	175.8	-27.3	.538
311.1	10.29	8.46	287.8	-7.3	177.4	175.9	175.9	-22.5	.536
327.8	10.29	8.47	289.1	-6.1	177.3	176.3	176.3	-18.8	.535
340.3	10.28	8.47	289.0	-3.6	176.8	176.5	176.5	-11.1	.534
356.1	10.28	8.49	289.0	-2.8	175.9	175.7	175.7	-8.5	.531

(d-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	9.45	8.17	288.8	9.4	153.7	151.6	151.6	25.1	.461
20.3	9.45	8.17	288.8	8.1	153.7	152.1	152.2	21.7	.461
33.2	9.71	8.17	289.8	4.6	167.6	167.0	167.0	13.4	.503
52.4	9.67	8.17	289.9	4.7	165.5	164.9	165.0	13.5	.497
64.9	9.34	8.19	288.9	1.1	146.4	146.4	146.4	2.8	.438
79.6	9.50	8.19	288.9	2.6	155.1	154.9	155.0	7.0	.465
95.4	9.64	8.24	288.8	2.9	159.7	159.5	159.5	8.2	.480
106.8	9.65	8.26	288.6	3.5	158.4	158.1	158.1	9.7	.476
123.7	9.70	8.28	288.6	3.4	160.5	160.1	160.2	9.5	.482
140.7	9.79	8.30	288.7	2.5	163.7	163.5	163.6	7.1	.492
163.9	9.81	8.35	289.2	3.2	161.7	161.4	161.4	9.1	.485
179.6	9.89	8.40	289.4	4.6	162.9	162.4	162.4	13.1	.489
196.0	9.96	8.39	289.3	5.8	166.7	165.9	165.9	16.7	.501
208.4	10.02	8.39	289.5	6.5	169.3	168.2	168.2	19.1	.509
221.3	10.01	8.39	289.6	7.2	169.5	168.2	168.2	21.2	.510
240.5	9.90	8.35	289.8	9.0	166.2	164.1	164.2	26.1	.499
253.0	9.74	8.34	289.6	9.5	158.8	156.5	156.6	26.2	.476
267.7	9.70	8.31	289.3	9.5	158.7	156.5	156.5	26.1	.476
283.5	9.65	8.28	289.2	10.4	157.9	155.3	155.3	28.4	.473
294.9	9.57	8.26	289.2	10.8	154.7	151.9	151.9	28.9	.463
311.8	9.53	8.25	289.0	11.2	153.5	150.6	150.6	29.7	.460
328.8	9.41	8.23	289.2	12.5	148.1	144.5	144.6	32.0	.443
335.8	9.46	8.22	288.9	11.9	151.2	148.0	148.0	31.1	.453
351.5	9.51	8.20	288.9	11.3	155.0	152.0	152.0	30.4	.465

TABLE IV. - Continued.

(d) Continued.

(d-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	9.50	8.17	287.9	7.1	156.1	155.0	155.0	19.2	.469
20.5	9.68	8.16	288.4	6.4	166.0	165.0	165.0	18.5	.500
33.2	9.82	8.17	289.0	5.8	172.1	171.3	171.3	17.3	.519
52.2	9.72	8.18	288.9	5.1	167.3	166.6	166.6	15.0	.503
64.9	9.45	8.18	288.3	3.7	152.4	152.1	152.1	9.9	.457
80.2	9.70	8.20	288.6	4.5	165.1	164.6	164.6	12.8	.497
95.9	9.70	8.24	288.7	4.1	152.9	162.5	162.5	11.6	.490
107.9	9.72	8.25	288.0	3.9	162.7	162.3	162.3	10.9	.490
123.7	9.77	8.26	288.2	3.3	164.8	164.5	164.5	9.6	.496
140.0	9.87	8.28	288.3	3.2	168.5	168.2	168.2	9.4	.508
163.9	9.82	8.32	288.8	4.1	164.0	163.6	163.6	11.7	.493
180.1	9.95	8.34	289.1	4.6	169.0	168.4	168.4	13.4	.508
195.8	10.06	8.37	289.3	5.6	172.4	171.5	171.5	16.9	.519
208.6	10.06	8.39	289.2	6.3	171.7	170.7	170.7	18.8	.517
221.3	10.05	8.37	289.4	7.0	172.2	170.9	170.9	20.9	.518
240.3	9.92	8.34	289.1	7.9	167.5	165.9	165.9	22.9	.504
253.0	9.82	8.33	289.1	8.4	163.7	161.9	161.9	23.8	.492
268.3	9.79	8.30	288.9	8.4	163.9	162.1	162.1	23.8	.493
284.0	9.73	8.28	289.0	8.5	162.1	160.3	160.3	24.1	.487
296.0	9.70	8.27	288.7	7.9	161.1	159.5	159.5	22.1	.484
311.8	9.72	8.25	288.8	8.3	163.2	161.5	161.5	23.7	.491
328.1	9.55	8.22	288.7	8.1	155.9	154.4	154.4	21.9	.468
335.8	9.55	8.21	288.0	8.1	156.7	155.1	155.1	22.1	.471
352.0	9.59	8.20	288.0	7.4	159.4	158.1	158.1	20.5	.479

(d-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.1	9.55	8.18	287.1	4.6	157.8	157.3	157.3	12.6	.475
20.5	9.76	8.16	287.7	6.2	169.6	168.6	168.6	18.4	.512
33.0	9.93	8.18	288.3	6.2	176.5	175.5	175.5	18.9	.533
52.4	9.80	8.20	288.4	6.5	169.6	168.5	168.6	19.1	.511
64.4	9.70	8.19	288.5	6.8	165.7	164.6	164.6	19.8	.499
80.3	9.87	8.18	288.6	6.6	174.2	173.0	173.0	19.9	.525
95.8	9.79	8.19	287.9	5.7	160.7	168.8	168.8	16.8	.512
108.3	9.88	8.20	288.1	4.9	173.4	172.8	172.8	14.9	.524
124.2	9.90	8.16	287.7	4.6	176.5	175.9	175.9	14.1	.534
141.2	9.94	8.21	287.8	4.4	175.4	174.9	174.9	13.3	.530
164.1	9.79	8.29	287.8	4.7	164.0	163.5	163.5	13.4	.494
179.9	9.95	8.32	288.1	4.7	169.7	169.1	169.1	14.0	.512
196.2	10.07	8.35	288.5	4.8	173.5	172.9	172.9	14.5	.523
208.6	10.11	8.36	288.7	5.1	175.2	174.5	174.5	15.5	.529
221.1	10.04	8.35	288.8	5.6	172.5	171.7	171.7	16.9	.520
240.5	9.94	8.33	288.6	5.8	169.0	168.1	168.1	17.2	.509
252.5	9.86	8.31	288.5	5.6	166.7	165.9	165.9	16.1	.502
268.4	9.87	8.27	288.5	5.7	168.7	167.8	167.8	16.6	.508
283.9	9.78	8.25	288.2	5.6	165.9	165.1	165.1	16.3	.499
296.4	9.87	8.25	288.3	4.1	170.0	169.6	169.6	12.0	.512
312.3	9.96	8.21	288.6	4.6	176.8	176.2	176.2	14.3	.534
329.3	9.85	8.20	288.6	3.1	171.7	171.4	171.4	9.2	.518
336.0	9.87	8.21	288.4	4.8	172.5	171.9	171.9	14.4	.520
351.8	9.85	8.21	287.7	4.9	171.1	170.5	170.5	14.5	.517

TABLE IV. - Continued.

(d) Continued.

(d-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	9.93	8.14	288.1	3.6	179.0	178.7	178.7	11.2	.541
20.7	10.08	8.13	287.9	4.2	185.5	185.0	185.0	13.5	.563
33.1	10.11	8.15	287.8	4.3	185.8	185.3	185.3	13.9	.564
52.7	10.03	8.15	288.8	4.7	182.5	181.9	181.9	15.0	.552
64.7	9.89	8.15	288.2	5.4	176.5	175.7	175.7	16.5	.533
80.3	9.97	8.15	287.8	4.7	179.9	179.3	179.3	14.8	.544
95.8	9.80	8.15	287.6	5.0	171.7	171.1	171.1	15.0	.519
108.4	9.91	8.17	287.1	4.0	176.1	175.7	175.7	12.2	.533
123.7	9.89	8.17	287.1	3.9	175.1	174.7	174.7	11.9	.530
140.7	10.00	8.19	287.4	3.7	178.8	178.4	178.4	11.6	.541
164.1	9.89	8.22	287.7	3.6	172.5	172.2	172.2	10.8	.521
179.9	9.94	8.25	287.9	3.6	173.2	172.9	172.9	10.9	.523
196.0	10.10	8.28	288.2	3.3	178.7	178.4	178.4	10.3	.540
208.8	10.15	8.30	288.5	3.2	180.3	180.0	180.0	10.1	.545
221.2	10.07	8.30	288.4	3.4	176.2	175.9	175.9	10.3	.532
240.8	9.96	8.28	288.3	3.2	172.7	172.4	172.4	9.6	.521
252.8	9.97	8.25	288.3	3.4	174.8	174.5	174.5	10.3	.528
268.4	10.02	8.24	288.5	3.4	177.8	177.5	177.5	10.6	.537
283.9	9.92	8.22	288.1	3.6	174.1	173.8	173.8	10.9	.526
296.5	9.93	8.21	287.5	3.1	175.0	174.7	174.7	9.4	.529
311.8	10.06	8.20	287.7	3.3	181.0	180.6	180.6	10.6	.548
328.8	9.99	8.17	288.3	2.3	179.8	179.7	179.7	7.1	.544
336.0	10.03	8.16	288.4	3.3	182.2	181.9	181.9	10.5	.551
351.8	9.99	8.15	288.0	3.2	180.6	180.3	180.3	10.2	.547

(d-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	10.10	8.12	287.9	3.5	187.2	186.9	186.9	11.4	.568
20.7	10.09	8.12	287.6	3.7	186.7	186.3	186.3	12.0	.567
33.1	10.16	8.12	287.8	3.8	189.0	188.6	188.6	12.4	.574
52.3	10.14	8.13	288.6	4.1	188.2	187.7	187.7	13.5	.570
64.4	10.03	8.13	288.8	4.6	184.0	183.3	183.4	14.9	.557
80.4	9.99	8.13	287.7	4.0	181.6	181.2	181.2	12.5	.550
95.9	9.85	8.12	287.5	4.4	176.1	175.6	175.6	13.5	.533
108.3	9.93	8.13	287.2	3.2	178.9	173.6	178.6	9.9	.542
123.7	10.07	8.15	287.2	3.2	183.9	183.6	183.6	10.2	.558
140.8	10.08	8.17	287.3	2.6	183.2	183.0	183.0	8.4	.555
163.9	9.84	8.19	287.4	3.1	171.9	171.6	171.6	9.2	.519
180.0	9.97	8.22	287.6	2.9	176.0	175.8	175.9	9.0	.532
190.3	10.10	8.25	288.0	2.5	180.5	180.3	180.3	8.0	.546
208.8	10.16	8.26	288.2	2.4	180.5	182.3	182.3	7.7	.552
221.2	10.13	8.26	288.4	2.5	181.3	181.2	181.2	7.8	.548
240.4	10.01	8.23	288.3	2.4	177.0	176.9	176.9	7.3	.535
252.5	10.06	8.23	288.2	2.6	179.9	179.7	179.7	8.2	.544
268.5	10.03	8.20	288.5	2.4	179.8	179.7	179.7	7.6	.544
284.0	9.99	8.17	287.9	2.4	179.5	179.3	179.3	7.7	.543
296.4	9.97	8.17	287.4	2.4	178.8	178.7	178.7	7.5	.542
311.8	10.11	8.17	287.7	2.6	184.6	184.4	184.4	8.4	.560
328.8	10.06	8.15	288.1	2.0	183.9	183.8	183.8	6.3	.557
335.8	10.12	8.14	288.2	3.1	186.7	186.4	186.4	10.0	.566
351.9	10.10	8.13	288.1	2.8	186.3	186.1	186.1	9.0	.565

TABLE IV. - Continued.

(d) Continued.

(d-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
4.2	10.13	8.12	287.4	2.5	188.1	187.9	188.0	8.0	.571
20.7	10.13	8.10	287.4	2.7	189.0	188.8	188.8	8.8	.574
32.9	10.14	8.11	287.7	2.0	188.8	188.5	188.5	9.5	.573
52.6	10.16	8.12	287.9	3.1	189.6	189.3	189.3	10.3	.576
64.9	10.13	8.11	288.1	3.3	188.4	188.1	188.1	10.7	.572
80.7	9.97	8.12	287.4	2.7	181.7	181.5	181.5	8.7	.551
95.8	9.92	8.12	287.2	2.4	178.3	178.7	178.7	7.5	.542
108.3	10.01	8.13	287.6	2.5	182.7	182.5	182.5	7.9	.554
123.8	10.10	8.14	287.4	2.6	185.7	185.5	185.5	8.3	.564
139.7	10.11	8.15	287.8	2.4	185.6	185.4	185.5	7.7	.563
164.3	9.95	8.17	287.8	2.5	177.9	177.8	177.8	7.6	.538
179.9	10.01	8.19	287.7	2.3	179.7	179.5	179.5	7.2	.544
192.3	10.15	8.20	287.9	1.8	184.9	184.8	184.8	5.7	.560
209.8	10.16	8.23	288.2	1.7	183.8	183.7	183.7	5.3	.557
221.0	10.12	8.23	288.5	1.7	182.3	182.2	182.2	5.5	.551
240.7	10.08	8.21	288.3	1.4	181.8	181.7	181.7	4.5	.550
253.0	10.11	8.20	288.4	1.7	183.5	183.4	183.5	5.3	.556
268.8	10.12	8.18	288.5	1.6	184.9	184.8	184.9	5.1	.560
283.9	10.05	8.16	288.1	1.6	182.5	182.4	182.5	5.1	.553
296.4	10.00	8.15	287.7	1.9	181.1	180.9	181.0	6.0	.548
311.9	10.14	8.16	287.6	1.7	186.6	186.5	186.5	5.5	.566
327.8	10.11	8.15	288.2	1.5	185.8	185.7	185.8	4.7	.563
336.2	10.14	8.14	288.1	2.3	187.4	187.2	187.3	7.5	.568
351.8	10.13	8.13	287.7	2.5	187.6	187.4	187.4	8.0	.569

(d-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.14	8.09	287.1	1.0	190.1	190.0	190.1	3.3	.578
20.7	10.15	8.09	287.3	1.0	190.5	190.3	190.4	3.5	.579
32.9	10.15	8.09	287.2	1.0	190.4	190.2	190.3	3.3	.579
52.5	10.18	8.09	287.4	1.1	191.6	191.5	191.6	3.7	.583
64.9	10.19	8.09	287.8	1.4	191.8	191.6	191.7	4.6	.583
80.3	10.07	8.08	287.4	1.1	187.6	187.4	187.5	3.4	.570
95.8	10.00	8.08	287.1	.2	184.9	184.8	184.9	.6	.561
108.3	10.09	8.08	287.4	.5	186.5	188.4	188.5	1.6	.573
124.2	10.12	8.09	287.2	.4	189.1	189.0	189.1	1.4	.575
140.9	10.16	8.11	287.2	.2	189.9	189.8	189.9	.8	.577
164.0	10.05	8.13	287.3	-.2	184.2	184.1	184.2	-.8	.559
179.8	10.10	8.15	287.7	-.6	185.3	185.2	185.3	-1.8	.562
195.7	10.17	8.17	287.8	-.7	187.1	187.0	187.1	-2.2	.568
209.8	10.17	8.18	288.2	-1.0	186.7	186.6	186.7	-3.4	.566
221.0	10.17	8.19	288.9	-.9	186.7	186.6	186.7	-2.8	.565
240.6	10.15	8.17	288.0	-.9	186.3	186.2	186.3	-2.8	.565
253.0	10.12	8.16	288.2	-.8	185.7	185.6	185.7	-2.6	.563
268.4	10.16	8.14	288.2	-.8	183.1	188.0	188.0	-2.5	.570
283.9	10.11	8.13	288.1	-.8	187.1	187.0	187.1	-2.6	.567
296.4	10.12	8.12	288.3	-.6	187.7	187.6	187.7	-1.9	.569
312.3	10.17	8.12	287.3	-.5	189.7	189.6	189.6	-1.8	.576
329.0	10.15	8.11	287.5	-.4	189.7	189.6	189.7	-1.3	.576
335.9	10.18	8.10	287.4	.9	190.9	190.8	190.9	3.1	.580
351.7	10.17	8.09	287.4	1.0	191.0	190.8	190.9	3.3	.581

TABLE IV. - Continued.

(d) Continued.

(d-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.3	10.16	8.08	287.0	-1.0	191.0	190.8	191.0	-3.3	.581
20.1	10.15	8.08	287.2	-.8	190.7	190.5	190.7	-2.7	.580
33.1	10.16	8.09	286.8	-.9	190.6	190.4	190.6	-2.8	.580
52.1	10.18	8.09	287.2	-.7	191.4	191.1	191.3	-2.4	.582
64.7	10.18	8.09	287.2	-.6	191.4	191.2	191.4	-2.0	.582
80.4	10.10	8.07	287.1	-.6	189.0	188.8	189.0	-1.9	.575
96.0	10.12	8.07	287.1	-.7	189.8	189.6	189.8	-2.2	.577
108.2	10.12	8.08	286.9	-.9	189.7	189.4	189.6	-2.9	.577
123.8	10.12	8.08	286.9	-1.2	189.4	189.1	189.3	-3.9	.576
140.9	10.17	8.09	286.9	-1.3	190.8	190.6	190.8	-4.3	.581
164.0	10.11	8.12	287.3	-1.6	187.1	186.8	187.0	-5.3	.568
180.0	10.14	8.13	287.4	-1.9	187.8	187.5	187.7	-6.2	.570
191.4	10.17	8.14	287.9	-2.1	188.9	188.5	188.7	-7.1	.573
208.2	10.18	8.17	288.6	-1.9	188.0	187.6	187.8	-6.4	.570
221.2	10.18	8.17	288.3	-2.1	187.9	187.6	187.8	-6.9	.570
240.2	10.18	8.16	288.6	-1.7	188.5	188.2	188.4	-5.5	.571
252.8	10.17	8.14	288.4	-1.9	188.8	188.5	188.7	-6.3	.573
268.5	10.17	8.13	288.1	-1.8	189.5	189.2	189.4	-5.9	.575
284.1	10.16	8.11	288.1	-2.0	190.0	189.7	189.9	-6.7	.577
296.3	10.16	8.11	287.1	-2.0	189.6	189.3	189.5	-6.6	.577
311.9	10.16	8.11	287.4	-1.7	189.8	189.5	189.8	-5.5	.577
329.0	10.17	8.10	287.2	-2.0	190.2	189.9	190.1	-6.8	.578
335.9	10.18	8.10	287.4	-1.1	190.8	190.6	190.8	-3.6	.580
351.9	10.17	8.09	287.4	-.9	191.2	190.9	191.2	-3.0	.581

(d-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.17	8.12	287.2	-1.5	189.6	189.3	189.6	-5.0	.576
20.4	10.16	8.12	287.1	-1.4	189.1	188.8	189.1	-4.5	.575
33.1	10.17	8.12	286.7	-1.5	189.2	188.9	189.2	-4.8	.576
52.1	10.17	8.11	286.9	-1.3	190.2	189.8	190.1	-4.3	.579
65.0	10.17	8.10	287.0	-1.2	190.8	190.5	190.8	-3.9	.580
80.3	10.14	8.12	287.0	-1.1	188.5	188.2	188.5	-3.8	.573
95.5	10.11	8.11	286.7	-1.4	187.5	187.1	187.4	-4.4	.570
107.9	10.14	8.11	287.0	-1.7	188.6	188.2	188.5	-5.5	.573
123.8	10.15	8.12	286.3	-1.9	188.4	188.0	188.3	-6.1	.574
140.8	10.17	8.12	287.0	-2.1	189.6	189.2	189.5	-7.1	.577
163.9	10.16	8.14	287.3	-2.1	188.1	187.7	188.0	-7.0	.572
179.8	10.16	8.16	287.4	-2.4	187.5	187.1	187.4	-7.7	.570
195.9	10.18	8.19	287.6	-2.5	186.7	186.2	186.5	-8.2	.567
208.5	10.18	8.19	288.0	-2.4	186.9	186.5	186.8	-7.8	.567
221.2	10.18	8.17	288.4	-2.3	187.8	187.3	187.6	-7.6	.569
240.2	10.18	8.15	288.7	-2.3	189.0	188.6	188.9	-7.5	.573
253.1	10.18	8.17	288.1	-2.4	187.6	187.1	187.4	-7.8	.569
268.4	10.18	8.17	287.8	-2.5	187.7	187.3	187.6	-8.1	.570
283.6	10.18	8.15	288.2	-2.3	188.6	188.1	188.4	-7.7	.572
296.0	10.17	8.14	287.7	-2.5	188.5	188.0	188.3	-8.3	.572
311.9	10.18	8.15	287.0	-2.4	188.6	188.2	188.5	-8.0	.573
328.9	10.18	8.13	287.2	-2.5	189.1	188.7	189.0	-8.1	.575
335.8	10.17	8.13	287.0	-1.7	189.3	188.9	189.2	-5.6	.576
351.7	10.17	8.12	287.3	-1.6	189.6	189.3	189.6	-5.3	.576

TABLE IV. - Continued.

(d) Continued.

(d-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.3	10.17	8.19	286.9	-5.5	186.2	184.3	185.4	-17.9	.566
20.6	10.17	8.19	287.1	-5.5	185.9	184.0	185.0	-17.7	.564
32.9	10.17	8.20	286.8	-5.4	185.6	183.8	184.8	-17.5	.564
52.2	10.17	8.19	287.1	-5.4	185.8	184.0	185.0	-17.5	.564
64.8	10.16	8.19	286.7	-5.2	185.7	183.9	184.9	-16.9	.564
80.3	10.15	8.17	286.8	-5.1	186.1	184.3	185.3	-16.6	.565
95.8	10.15	8.18	287.0	-5.2	185.8	184.0	185.1	-16.7	.564
108.3	10.15	8.17	286.4	-5.1	185.7	184.0	185.0	-16.4	.565
125.9	10.15	8.17	286.7	-5.2	186.2	184.4	185.4	-16.8	.566
140.9	10.15	8.17	286.3	-5.7	186.1	184.2	185.2	-18.3	.566
164.0	10.16	8.18	287.5	-6.5	186.0	183.8	184.8	-20.9	.564
180.0	10.15	8.19	287.6	-6.8	185.3	183.0	184.0	-21.7	.562
194.4	10.15	8.21	287.9	-6.7	184.6	182.3	183.3	-21.3	.559
208.7	10.16	8.22	287.9	-6.3	184.2	182.1	183.1	-20.2	.558
221.0	10.16	8.23	288.6	-6.6	183.8	181.6	182.6	-20.9	.556
240.3	10.15	8.22	289.0	-6.6	184.4	182.2	183.2	-21.0	.558
252.9	10.15	8.22	288.4	-6.5	184.3	182.1	183.1	-20.7	.558
268.4	10.15	8.21	288.6	-6.5	184.9	182.7	183.7	-20.7	.560
283.9	10.15	8.20	288.1	-6.7	185.2	182.9	183.9	-21.5	.561
296.4	10.16	8.20	288.3	-6.6	185.4	183.2	184.2	-21.1	.562
312.0	10.15	8.19	288.2	-6.5	185.5	183.4	184.4	-20.8	.562
329.0	10.16	8.19	287.8	-6.3	185.7	183.6	184.6	-20.2	.563
335.9	10.17	8.19	287.5	-5.7	186.2	184.3	185.3	-18.4	.565
351.9	10.17	8.19	287.6	-5.7	186.1	184.2	185.2	-18.4	.565

(d-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.03	8.33	285.9	-12.9	171.9	165.0	167.7	-37.9	.521
20.7	10.00	8.34	286.6	-12.7	170.9	164.1	166.8	-37.0	.517
33.1	9.98	8.33	286.5	-12.2	169.8	163.4	166.1	-35.4	.514
52.5	9.99	8.33	286.5	-11.5	170.6	164.6	167.3	-33.4	.516
64.9	9.98	8.32	286.3	-11.4	170.5	164.6	167.3	-33.1	.516
80.3	9.98	8.32	286.1	-10.7	170.9	165.3	168.0	-31.4	.517
95.8	9.99	8.31	286.4	-10.7	171.4	165.8	168.5	-31.4	.519
108.3	9.99	8.31	285.9	-10.4	171.5	166.0	168.8	-30.5	.519
123.8	9.99	8.32	286.6	-10.9	171.4	165.7	168.4	-31.8	.518
140.5	9.97	8.32	286.4	-11.7	170.3	164.1	166.8	-34.1	.515
164.1	10.04	8.33	287.0	-14.3	173.0	165.1	167.8	-42.2	.523
179.9	10.07	8.35	287.7	-14.8	173.6	165.3	168.0	-43.7	.524
195.9	10.11	8.36	287.1	-15.1	174.8	166.3	169.0	-44.8	.529
208.8	10.14	8.36	288.0	-15.4	176.3	167.4	170.1	-46.2	.533
221.2	10.15	8.36	288.3	-15.4	176.7	167.8	170.6	-46.2	.534
240.6	10.16	8.35	288.3	-16.0	177.4	168.0	170.8	-48.0	.536
253.0	10.15	8.34	288.3	-15.9	177.8	168.4	171.2	-47.9	.537
268.4	10.16	8.33	288.2	-16.5	178.4	168.6	171.4	-49.8	.539
283.9	10.15	8.32	287.5	-16.5	178.5	168.6	171.4	-50.1	.540
296.4	10.15	8.33	287.4	-16.4	177.9	168.2	170.9	-49.5	.539
311.9	10.15	8.33	287.9	-15.7	178.2	168.9	171.7	-47.6	.539
328.6	10.13	8.33	288.4	-15.7	177.6	168.4	171.1	-47.3	.536
336.0	10.12	8.33	286.3	-13.1	176.5	169.3	172.0	-39.3	.535
351.8	10.10	8.33	287.0	-13.0	175.9	168.8	171.5	-39.0	.533

TABLE IV. - Continued.

(d) Continued.

(d-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	14.77	11.76	335.5	41.7	206.3	154.0	154.0	137.3	.580
21.7	14.71	11.76	336.1	38.9	204.7	159.3	159.3	128.6	.575
34.2	14.44	11.74	332.5	41.5	196.0	146.7	146.7	130.0	.552
48.9	14.46	11.84	330.7	42.5	192.0	141.5	141.5	129.7	.542
64.7	14.36	11.81	333.5	40.8	190.9	144.5	144.5	124.8	.536
76.1	14.36	11.76	332.5	40.5	192.6	146.4	146.4	125.1	.542
93.0	14.58	11.84	333.8	39.1	197.0	152.8	152.8	124.3	.554
110.0	14.72	11.91	334.1	38.6	198.5	155.2	155.2	123.7	.558
133.1	14.37	11.89	333.0	41.6	187.8	140.5	140.5	124.6	.528
148.8	14.45	11.95	330.1	41.0	186.9	141.1	141.1	122.7	.527
165.2	14.56	11.93	331.6	41.0	191.8	144.9	144.9	125.8	.541
177.6	14.52	11.88	330.6	40.4	192.3	146.4	146.4	124.7	.543
190.5	14.56	11.83	330.6	40.2	195.5	149.3	149.3	126.2	.553
209.7	14.38	11.73	329.6	41.5	193.2	144.6	144.6	128.0	.546
222.2	14.40	11.66	330.4	42.3	197.0	145.6	145.7	132.6	.557
236.9	14.34	11.67	331.3	44.0	194.9	140.2	140.2	135.4	.550
252.7	14.58	11.66	334.2	44.4	203.8	145.7	145.7	142.5	.574
264.1	14.44	11.66	332.4	44.6	198.7	141.4	141.4	139.7	.561
281.0	14.37	11.73	333.6	45.2	194.3	137.0	137.0	137.8	.546
298.0	14.57	11.70	336.6	45.6	202.5	141.8	141.8	144.6	.568
305.1	14.33	11.69	331.1	42.9	193.9	141.9	141.9	132.1	.547
320.8	14.43	11.72	333.7	45.1	196.8	139.0	139.0	139.3	.554
337.2	14.49	11.72	335.0	43.7	199.1	144.0	144.0	137.6	.560
349.6	14.45	11.73	333.2	45.0	196.8	139.2	139.2	139.0	.554

(d-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	14.65	11.64	332.4	38.9	206.2	160.4	160.4	129.5	.583
21.5	14.65	11.66	333.6	38.6	205.8	160.9	161.0	128.3	.581
34.2	14.43	11.67	329.8	40.0	197.3	151.2	151.2	126.8	.559
49.5	14.43	11.72	330.3	39.9	195.7	150.2	150.2	125.5	.554
65.2	14.45	11.70	332.4	38.5	197.6	154.6	154.6	123.0	.557
77.2	14.35	11.71	330.5	39.2	193.5	149.9	149.9	122.4	.547
93.0	14.48	11.74	331.2	37.5	196.7	155.9	156.0	119.8	.556
109.3	14.77	11.75	331.0	36.9	205.1	164.0	164.0	123.1	.581
133.1	14.39	11.80	329.1	40.4	190.7	145.1	145.2	123.7	.540
149.3	14.69	11.81	330.7	38.1	200.4	157.6	157.7	123.7	.567
165.0	14.48	11.83	329.5	38.0	192.9	151.9	151.9	118.8	.546
177.8	14.49	11.78	328.2	38.5	194.5	152.3	152.3	121.0	.552
190.5	14.37	11.71	327.2	38.6	193.1	151.0	151.0	120.4	.548
209.5	14.28	11.62	325.5	38.5	193.2	151.3	151.3	120.1	.550
222.2	14.23	11.60	325.7	38.8	192.6	150.0	150.0	120.8	.548
237.5	14.36	11.56	327.7	38.9	199.0	154.9	154.9	124.9	.566
253.2	14.32	11.55	328.2	39.9	198.0	152.0	152.0	126.9	.562
265.2	14.18	11.57	326.3	40.6	192.5	146.2	146.2	125.2	.547
281.0	14.34	11.61	329.6	40.2	197.1	150.6	150.6	127.1	.558
297.3	14.37	11.59	329.5	39.7	198.6	152.8	152.8	126.9	.563
305.1	14.32	11.58	328.0	39.3	197.0	152.5	152.5	124.7	.559
321.3	14.45	11.60	330.4	39.9	200.8	154.0	154.0	128.8	.569
337.0	14.37	11.58	330.7	39.6	199.5	153.7	153.7	127.2	.564
349.8	14.31	11.58	329.1	40.6	196.8	149.3	149.3	128.1	.558

TABLE IV. - Continued.

(d) Continued.

(d-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	14.78	11.52	332.5	39.1	214.4	166.5	166.5	135.1	.608
21.7	14.74	11.52	333.4	39.8	213.5	163.9	164.0	136.7	.604
33.7	14.54	11.49	328.7	37.9	207.2	163.5	163.6	127.1	.590
49.6	14.48	11.53	327.6	38.5	203.8	159.5	159.6	126.7	.580
65.1	14.61	11.51	330.0	37.6	208.9	165.4	165.5	127.5	.594
77.6	14.52	11.50	330.4	39.8	206.9	158.8	158.9	132.5	.587
93.5	14.82	11.55	330.6	38.3	213.8	167.7	167.8	132.4	.603
110.5	14.92	11.58	331.6	37.0	215.7	172.2	172.2	129.9	.613
133.3	14.59	11.63	327.8	39.0	203.3	157.8	157.9	128.0	.579
149.1	14.69	11.62	329.7	38.6	207.3	162.0	162.1	129.3	.589
165.4	14.80	11.65	329.4	36.9	209.0	167.1	167.2	125.4	.594
177.8	14.86	11.60	328.7	36.2	212.2	171.2	171.2	125.4	.605
190.3	14.85	11.56	327.7	37.3	213.2	169.6	169.7	129.1	.609
209.7	14.61	11.51	326.1	37.1	207.7	165.7	165.8	125.2	.594
221.7	14.41	11.50	325.6	37.5	201.8	160.0	160.0	122.9	.576
237.6	14.56	11.46	328.2	37.7	208.7	165.1	165.1	127.6	.595
253.1	14.38	11.43	327.0	38.2	204.4	160.5	160.6	126.5	.583
265.6	14.57	11.45	327.4	38.1	209.2	164.7	164.8	129.0	.597
281.5	14.51	11.53	328.2	38.1	204.7	161.1	161.2	126.2	.583
298.5	14.62	11.48	328.8	37.6	209.9	166.4	166.5	127.9	.598
305.3	14.56	11.46	329.1	37.5	209.1	165.8	165.8	127.3	.595
321.1	14.60	11.47	329.9	37.6	210.2	166.4	166.5	128.4	.598
337.4	14.66	11.42	330.9	38.2	214.0	168.2	168.2	132.2	.608
349.8	14.56	11.43	329.0	37.7	210.1	166.1	166.2	128.5	.598

(d-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	15.20	11.39	334.0	38.3	230.4	180.7	180.9	142.7	.655
22.0	15.40	11.39	334.1	36.6	235.4	188.9	189.2	140.1	.671
34.0	15.02	11.38	330.4	37.5	224.9	178.3	178.5	136.9	.642
49.6	14.96	11.44	330.5	38.2	221.3	173.7	173.9	136.8	.631
65.1	15.10	11.43	332.4	38.0	225.8	177.7	177.9	139.0	.643
77.7	15.08	11.45	331.3	38.1	224.4	176.4	176.6	138.4	.640
93.0	15.10	11.48	333.0	38.7	224.6	175.2	175.4	140.2	.638
110.0	15.15	11.48	333.1	38.3	225.6	177.0	177.2	139.6	.642
133.3	15.14	11.50	332.8	37.5	224.7	178.2	178.4	136.7	.639
149.1	15.18	11.52	333.5	38.0	225.6	177.6	177.8	138.8	.641
165.2	15.30	11.54	332.8	37.0	227.4	181.4	181.6	136.8	.647
178.0	15.33	11.50	333.2	37.8	229.7	181.4	181.6	140.8	.654
190.4	15.35	11.46	332.2	36.8	231.3	185.2	185.4	138.3	.660
210.0	15.25	11.41	331.8	36.9	230.3	184.1	184.3	138.1	.657
222.0	15.17	11.40	331.8	37.4	228.6	181.5	181.7	138.7	.652
237.6	15.12	11.39	331.6	38.3	227.8	178.6	178.8	141.2	.650
253.1	15.13	11.35	331.7	38.8	229.1	178.3	178.5	143.6	.654
265.7	15.15	11.35	331.6	38.3	229.6	180.0	180.2	142.3	.655
281.0	15.10	11.42	331.8	38.5	226.1	176.9	177.1	140.6	.645
298.0	15.05	11.39	332.0	38.7	226.0	176.3	176.5	141.2	.644
305.3	15.02	11.37	331.8	38.5	226.0	176.7	176.9	140.6	.644
321.1	15.18	11.37	333.6	37.9	230.5	181.7	181.9	141.5	.656
337.2	15.19	11.34	332.9	38.3	231.5	181.6	181.8	143.2	.660
350.0	15.15	11.35	332.7	38.6	230.1	179.7	179.9	143.5	.656

TABLE IV. - Continued.

(d) Continued.

(d-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	14.99	11.36	334.6	42.3	226.1	167.2	167.5	151.9	.641
21.6	14.98	11.36	333.6	42.6	225.4	165.9	166.2	152.3	.640
33.7	14.87	11.34	333.2	42.7	223.6	164.1	164.4	151.5	.635
49.7	14.84	11.39	332.9	42.9	220.8	161.5	161.8	150.2	.627
65.2	14.86	11.34	334.2	43.6	223.4	161.6	161.9	154.0	.634
77.6	14.92	11.37	334.7	44.0	224.2	161.2	161.5	155.5	.636
93.0	14.95	11.41	336.1	43.9	223.9	161.1	161.4	155.2	.633
110.1	15.09	11.45	336.2	43.3	226.3	164.7	165.0	154.9	.641
133.1	14.91	11.50	334.7	43.2	219.2	159.5	159.8	150.0	.620
149.2	15.05	11.51	334.8	43.2	222.8	162.3	162.6	152.3	.631
159.5	15.20	11.52	336.3	42.9	226.9	166.1	166.4	154.3	.642
178.0	15.24	11.44	336.7	42.8	230.6	169.0	169.3	156.6	.653
190.4	15.16	11.43	335.6	42.3	228.5	168.9	169.2	153.6	.648
209.6	15.06	11.38	335.1	42.4	227.6	167.9	168.2	153.4	.646
221.7	14.91	11.36	334.0	43.7	224.0	161.8	162.1	154.5	.636
237.7	14.92	11.35	336.1	43.8	225.4	162.5	162.8	155.9	.638
253.2	14.95	11.29	334.1	43.6	227.3	164.4	164.7	156.7	.646
265.6	14.93	11.34	334.4	43.1	225.3	164.4	164.7	153.7	.639
281.0	14.89	11.36	334.7	43.7	223.6	161.5	161.8	154.3	.634
298.1	14.84	11.34	334.6	43.8	223.0	160.9	161.2	154.1	.632
305.1	14.84	11.33	333.0	43.2	222.8	162.2	162.5	152.5	.633
321.2	14.76	11.33	333.6	42.5	220.9	162.7	163.0	149.1	.627
331.5	14.86	11.31	332.7	42.7	223.9	164.3	164.6	151.8	.637
350.0	14.91	11.30	333.1	42.9	225.7	165.3	165.6	153.4	.642

(d-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	15.02	11.32	326.5	35.8	225.5	182.6	183.2	131.5	.648
21.9	15.11	11.32	326.3	35.8	227.7	184.4	184.9	132.8	.655
34.2	15.03	11.33	326.3	36.5	225.7	181.1	181.6	133.9	.649
50.0	14.95	11.38	326.4	37.7	221.6	174.9	175.4	135.4	.636
65.1	15.16	11.34	328.5	38.1	229.1	180.0	180.6	140.9	.657
77.6	15.12	11.36	328.3	37.5	227.5	180.0	180.6	138.4	.653
93.1	15.05	11.40	329.4	39.0	224.7	174.4	175.0	141.0	.643
109.0	15.25	11.42	330.2	39.2	229.2	177.4	177.9	144.5	.656
133.5	15.20	11.46	329.0	40.7	226.2	171.1	171.7	147.3	.648
149.1	15.26	11.49	329.9	40.6	227.0	172.2	172.7	147.4	.649
161.5	15.30	11.47	329.4	40.7	228.6	173.1	173.6	148.7	.655
178.0	15.26	11.45	329.9	40.1	228.7	174.7	175.2	146.9	.654
190.2	15.29	11.41	330.2	40.2	230.8	176.0	176.6	148.7	.661
209.9	15.12	11.34	328.5	39.7	223.2	175.1	175.7	145.6	.654
222.2	15.17	11.35	329.6	39.6	229.6	176.5	177.1	146.1	.658
238.0	15.17	11.33	328.8	38.9	229.9	178.7	179.2	144.0	.659
253.1	15.18	11.29	328.7	39.0	231.5	179.7	180.2	145.3	.665
265.6	15.05	11.30	327.6	38.5	227.6	177.8	178.4	141.4	.654
281.1	15.09	11.35	328.2	38.7	227.0	176.9	177.4	141.6	.651
297.0	15.12	11.33	327.6	38.4	228.0	178.4	178.9	141.4	.655
305.5	15.04	11.31	326.0	36.2	226.1	182.0	182.5	133.4	.651
321.1	15.16	11.31	326.5	36.2	229.3	184.7	185.3	135.2	.660
333.5	15.04	11.32	325.6	35.8	226.0	182.9	183.5	132.0	.651
350.0	14.95	11.30	326.0	37.2	224.5	178.5	179.0	135.4	.646

TABLE IV. - Continued.

(d) Continued.

(d-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	15.31	11.38	326.2	35.0	230.7	188.4	189.3	131.9	.665
21.8	15.36	11.40	326.3	34.7	231.4	189.7	190.6	131.2	.667
34.2	15.37	11.39	326.9	34.6	232.2	190.5	191.4	131.5	.669
49.6	15.38	11.36	326.8	34.8	233.4	190.9	191.8	132.9	.673
65.1	15.38	11.38	326.6	35.2	232.6	189.6	190.5	133.5	.670
77.6	15.17	11.40	326.9	35.1	226.8	185.0	185.8	130.1	.652
93.5	15.06	11.42	327.7	36.0	232.7	180.4	181.2	131.1	.641
110.2	15.17	11.44	328.0	35.9	225.9	182.4	183.3	132.1	.648
133.2	15.38	11.50	328.1	36.8	229.3	182.9	183.8	137.1	.658
149.0	15.44	11.52	329.4	36.9	230.5	183.7	184.6	138.0	.661
164.9	15.51	11.48	328.7	36.7	233.3	186.5	187.4	139.0	.670
178.0	15.64	11.44	329.9	37.4	238.1	188.6	189.5	144.3	.684
190.2	15.50	11.42	329.6	36.4	235.5	188.9	189.8	139.3	.676
209.8	15.45	11.37	328.2	36.6	235.1	188.1	189.0	139.8	.676
222.2	15.44	11.38	328.8	36.2	235.0	189.1	190.0	138.4	.675
237.6	15.38	11.37	328.2	36.8	233.6	186.6	187.5	139.4	.672
253.1	15.48	11.36	328.1	36.1	236.2	190.3	191.2	138.7	.680
265.6	15.47	11.35	328.7	35.8	236.2	191.0	191.9	137.7	.679
281.5	15.48	11.39	327.9	35.8	235.0	190.0	190.9	137.1	.676
298.2	15.39	11.39	327.2	35.9	232.8	187.9	188.8	136.2	.670
305.2	15.44	11.38	326.1	35.1	233.7	190.6	191.5	134.0	.674
321.0	15.41	11.38	326.9	35.2	233.5	190.2	191.1	134.1	.673
336.9	15.37	11.38	325.8	34.7	232.1	190.3	191.2	131.6	.670
350.0	15.39	11.39	326.4	35.2	232.6	189.4	190.3	133.7	.670

(d-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	15.49	12.68	325.6	45.9	190.9	132.9	133.0	137.0	.543
21.4	15.50	12.68	325.9	46.2	190.9	132.1	132.3	137.7	.543
34.0	15.51	12.71	325.9	46.4	190.3	131.1	131.2	137.8	.541
49.7	15.51	12.77	325.9	46.3	188.0	129.8	129.9	135.9	.534
65.3	15.44	12.75	324.8	46.2	186.3	128.9	129.0	134.4	.530
77.5	15.34	12.75	325.3	45.8	183.6	127.9	128.0	131.6	.521
93.1	15.16	12.76	325.4	46.8	177.2	121.2	121.3	129.1	.502
110.2	15.33	12.79	326.2	46.1	181.9	126.0	126.1	131.1	.516
133.2	15.52	12.83	326.1	49.0	186.2	122.1	122.2	140.5	.528
149.2	15.64	12.85	326.3	48.2	189.9	126.4	126.5	141.6	.538
160.6	15.71	12.84	328.2	48.3	192.5	127.9	128.0	143.7	.546
177.4	15.73	12.82	329.1	48.5	193.8	128.3	128.5	145.1	.549
190.4	15.73	12.79	329.4	48.4	194.9	129.3	129.4	145.7	.552
209.4	15.56	12.74	328.9	48.5	191.6	126.8	126.9	143.5	.542
222.0	15.52	12.62	328.5	48.4	192.3	127.6	127.7	143.8	.545
237.7	15.55	12.68	327.1	48.6	192.9	127.5	127.7	144.6	.548
253.3	15.58	12.68	326.9	47.8	193.7	130.0	130.1	143.5	.550
265.5	15.61	12.68	327.1	48.6	191.7	128.6	128.7	146.1	.553
281.1	15.56	12.70	326.6	48.4	192.3	127.7	127.9	143.7	.547
298.2	15.54	12.69	326.7	48.4	192.4	127.8	127.9	143.8	.547
305.2	15.47	12.68	326.6	46.2	190.5	131.9	132.0	137.4	.541
321.2	15.53	12.70	326.1	46.1	191.4	132.7	132.9	137.8	.544
332.6	15.55	12.70	326.0	46.0	191.9	133.3	133.4	138.0	.546
349.4	15.51	12.67	326.0	46.2	191.8	132.7	132.8	138.4	.546

TABLE IV. - Continued.

(d) Continued.

(d-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	15.49	12.16	325.7	42.7	209.0	153.4	153.5	141.8	.598
21.4	15.50	12.17	326.3	42.6	209.1	154.0	154.0	141.4	.598
34.3	15.53	12.20	326.5	42.3	209.1	154.5	154.5	140.8	.597
49.6	15.54	12.21	326.1	42.7	208.8	153.4	153.5	141.6	.597
64.8	15.43	12.19	324.6	42.5	206.0	151.8	151.8	139.3	.590
77.2	15.36	12.20	326.0	42.8	204.3	149.8	149.9	138.9	.583
93.1	15.23	12.21	325.5	41.7	200.1	149.4	149.5	133.0	.571
110.1	15.41	12.24	328.6	42.1	205.2	152.2	152.2	137.5	.584
133.1	15.54	12.24	321.5	44.0	206.3	148.3	148.4	143.3	.594
149.0	15.55	12.24	322.7	43.8	207.1	149.4	149.5	143.3	.595
165.1	15.58	12.22	323.6	43.7	209.0	151.1	151.2	144.4	.600
177.7	15.70	12.19	325.0	43.4	213.4	155.0	155.0	146.6	.612
190.4	15.66	12.19	324.9	43.3	212.3	154.5	154.5	145.6	.609
209.4	15.58	12.20	323.1	43.8	209.2	151.0	151.0	144.8	.601
222.3	15.52	12.14	323.8	44.0	209.9	151.0	151.0	145.9	.603
237.6	15.51	12.13	323.9	43.8	210.1	151.6	151.7	145.5	.603
252.8	15.53	12.14	324.4	43.9	210.2	151.5	151.6	145.7	.603
265.2	15.53	12.16	325.0	43.6	209.8	151.9	152.0	144.6	.601
281.1	15.52	12.19	326.0	44.1	209.2	150.2	150.2	145.6	.598
298.1	15.73	12.16	327.6	44.3	216.0	154.5	154.5	150.9	.618
305.1	15.54	12.15	326.7	42.6	211.1	155.5	155.5	142.8	.604
321.0	15.49	12.15	326.5	42.6	209.4	154.2	154.2	141.6	.599
337.1	15.51	12.17	326.8	42.4	209.6	154.8	154.9	141.2	.599
349.7	15.54	12.15	327.3	42.0	211.3	157.0	157.0	141.4	.604

(d-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	15.85	11.07	328.1	38.4	253.7	198.7	198.9	157.4	.735
21.5	15.86	11.06	328.0	38.7	254.1	198.3	198.5	158.6	.737
34.1	15.97	11.06	328.5	39.0	256.4	199.3	199.5	161.1	.744
49.6	15.92	11.06	327.9	39.0	255.0	198.0	198.1	160.5	.740
65.1	15.83	11.07	327.0	38.9	252.6	196.5	196.7	158.4	.733
77.6	15.77	11.05	326.3	39.0	251.5	195.2	195.4	158.3	.731
93.2	15.94	11.07	328.0	38.5	255.5	199.9	200.1	158.8	.741
110.2	15.85	11.09	328.7	38.8	252.9	196.9	197.1	158.5	.732
133.2	15.91	11.11	327.8	38.5	253.3	198.1	198.3	157.7	.735
149.2	15.92	11.11	328.2	39.1	253.9	196.9	197.1	160.0	.736
163.6	15.96	11.08	328.6	38.4	255.6	200.2	200.4	158.6	.741
177.9	16.02	11.06	329.0	38.1	257.8	202.7	202.9	159.0	.748
190.2	16.00	11.04	329.4	38.4	258.0	202.1	202.3	160.1	.748
209.5	15.91	11.04	328.7	39.2	256.1	198.3	198.5	161.8	.742
222.1	15.91	11.04	329.0	38.5	256.1	200.2	200.4	159.5	.742
237.6	15.91	11.04	328.6	38.6	255.9	199.8	200.0	159.5	.742
253.1	15.88	11.06	327.9	38.5	254.4	199.1	199.3	158.2	.738
265.6	15.86	11.07	327.1	38.8	253.4	197.5	197.7	158.6	.736
281.2	15.89	11.06	326.2	38.2	253.9	199.3	199.5	157.1	.739
298.2	15.92	11.05	324.7	38.5	254.2	198.8	199.0	158.3	.742
305.2	15.99	11.05	328.0	39.0	257.0	199.7	199.9	161.5	.746
321.2	15.92	11.06	328.5	39.1	255.6	198.2	198.4	161.1	.741
335.6	15.91	11.06	328.4	38.8	255.2	198.7	198.9	159.9	.740
349.9	15.88	11.06	328.9	39.0	254.6	197.8	198.0	160.0	.737

TABLE IV. - Continued.

(d) Continued.

(d-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	15.64	10.35	334.0	43.1	273.0	198.4	200.4	185.4	.790
21.8	15.60	10.35	334.4	43.6	272.6	196.3	198.3	187.1	.789
34.2	15.58	10.29	332.6	44.2	273.2	194.9	196.9	189.4	.793
49.6	15.60	10.22	333.5	44.0	276.0	197.5	199.5	190.7	.801
65.1	15.65	10.22	332.6	44.0	277.0	198.2	200.2	191.4	.805
77.6	15.63	10.22	331.4	43.8	276.0	198.3	200.3	189.9	.804
93.1	15.62	10.22	332.3	43.5	276.0	199.2	201.2	189.0	.803
109.8	15.95	10.22	333.3	43.7	282.7	203.1	205.2	194.4	.823
133.3	15.49	10.29	332.0	42.0	271.2	200.5	202.6	180.3	.787
149.1	15.43	10.32	332.0	42.6	269.0	196.9	199.0	181.1	.780
165.1	15.54	10.35	331.9	41.2	270.4	202.3	204.3	177.1	.785
178.0	15.49	10.35	331.9	41.4	269.4	201.1	203.1	177.0	.782
190.4	15.51	10.34	332.6	41.9	270.4	200.1	202.1	179.6	.784
209.8	15.57	10.32	332.5	41.7	272.1	202.0	204.1	180.0	.790
222.2	15.56	10.32	332.2	41.5	272.0	202.5	204.6	179.2	.790
237.6	15.65	10.30	331.8	41.7	273.9	203.3	205.3	181.3	.796
253.1	15.60	10.32	332.1	41.8	272.6	202.2	204.3	180.5	.792
265.6	15.65	10.33	331.9	41.8	273.3	202.4	204.5	181.3	.794
281.1	15.67	10.33	331.6	41.2	273.3	204.5	206.6	178.9	.795
297.8	15.61	10.31	330.6	41.3	272.3	203.5	205.6	178.6	.793
305.3	15.81	10.30	335.0	42.2	278.5	205.1	207.1	186.1	.807
321.1	15.76	10.29	335.5	43.0	277.9	202.3	204.4	188.4	.805
337.1	15.72	10.31	333.9	42.8	275.9	201.2	203.3	186.6	.800
350.0	15.60	10.35	334.0	43.1	272.5	197.9	200.0	185.1	.789

(d-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	13.78	10.02	334.1	-.5	241.7	240.8	241.7	-2.3	.690
23.6	13.65	10.06	335.4	-.5	237.0	236.2	237.0	-1.9	.674
36.0	13.49	10.03	335.7	-1.3	233.7	232.8	233.6	-5.2	.664
48.9	13.35	10.02	332.1	-.7	229.0	228.2	229.0	-2.9	.653
68.1	13.43	10.04	332.6	-.5	230.9	230.1	230.9	-2.1	.658
80.6	13.48	10.03	336.0	-.8	233.7	232.9	233.7	-3.2	.664
95.3	13.41	10.01	334.6	-.7	231.9	231.1	231.9	-2.7	.659
111.1	13.56	10.03	334.6	-.7	235.6	234.7	235.5	-3.0	.671
122.5	13.52	10.07	333.9	-.6	232.7	231.9	232.7	-2.3	.663
139.4	13.48	10.10	333.2	-.6	230.1	229.3	230.1	-2.3	.655
156.4	13.54	10.10	333.7	-.5	232.1	231.3	232.1	-2.1	.661
171.5	13.29	10.10	332.2	.1	224.3	223.5	224.3	.3	.639
187.2	13.39	10.12	330.8	.0	226.1	225.3	226.1	.1	.645
203.6	13.41	10.09	329.2	.0	227.0	226.3	227.0	.1	.650
216.0	13.39	10.11	328.3	.2	225.7	224.9	225.7	.7	.647
228.9	13.36	10.12	327.3	.2	223.8	223.1	223.8	.8	.642
248.1	13.33	10.09	327.4	.2	224.3	223.5	224.3	.7	.643
260.6	13.43	10.09	328.5	.4	227.6	226.8	227.6	1.8	.653
275.3	13.48	10.10	329.7	.5	229.1	228.3	229.1	2.0	.656
291.1	13.44	10.08	329.3	.5	228.4	227.6	228.4	1.9	.654
302.5	13.48	10.07	330.2	.5	230.1	229.3	230.1	1.9	.659
319.4	13.56	10.05	330.2	.7	233.4	232.5	233.3	2.9	.669
336.4	13.53	10.04	331.9	.9	233.4	232.6	233.4	3.6	.667
351.5	13.63	10.04	334.7	-.9	237.2	236.4	237.2	-3.8	.676

TABLE IV. - Continued.

(d) Continued.

(d-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	13.86	9.98	331.9	-2.8	244.3	243.1	244.0	-11.8	.701
23.4	13.91	10.02	333.2	-2.4	244.8	243.7	244.6	-10.3	.701
36.2	13.98	10.02	335.1	-1.9	247.2	246.2	247.1	-8.2	.707
48.9	13.81	10.01	331.0	-1.4	241.8	240.8	241.7	-5.9	.694
67.9	13.83	10.05	332.8	-1.6	241.6	240.6	241.5	-6.5	.692
80.6	13.81	10.05	334.5	-1.8	241.3	240.3	241.1	-7.6	.689
95.9	13.79	10.03	333.6	-1.4	241.2	240.3	241.1	-6.0	.690
111.6	13.87	10.03	333.7	-1.7	243.2	242.2	243.1	-7.1	.696
123.6	13.87	10.05	333.5	-1.6	242.5	241.6	242.5	-6.8	.694
139.4	13.86	10.07	332.7	-1.6	241.4	240.5	241.3	-6.7	.691
155.7	13.82	10.07	331.7	-1.7	239.9	239.0	239.8	-6.9	.688
171.5	13.84	10.08	330.7	-1.2	240.1	239.2	240.0	-4.9	.689
187.7	13.89	10.08	329.4	-1.4	240.5	239.6	240.4	-5.7	.692
203.4	13.88	10.09	327.3	-1.4	239.5	238.6	239.4	-5.8	.691
216.2	13.86	10.11	326.3	-1.4	237.7	236.7	237.6	-5.7	.687
228.9	13.77	10.11	325.6	-1.2	235.4	234.5	235.3	-5.0	.680
247.9	13.79	10.07	325.6	-1.1	236.9	236.0	236.9	-4.5	.685
260.6	13.81	10.07	326.8	-.9	238.2	237.3	238.2	-3.7	.688
275.9	13.85	10.07	326.9	-.8	239.2	238.3	239.2	-3.3	.691
291.6	13.78	10.05	326.9	-.8	238.0	237.2	238.0	-3.3	.687
303.6	13.90	10.03	328.0	-.7	242.4	241.5	242.4	-3.1	.700
319.4	13.86	10.01	327.3	-.9	241.8	240.9	241.7	-3.8	.698
335.7	13.90	10.00	330.0	-.2	244.0	243.1	244.0	-.8	.702
351.5	13.91	10.00	332.9	-2.9	245.4	244.2	245.1	-12.2	.703

(d-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	14.10	10.00	331.5	-4.5	249.6	247.8	248.8	-19.6	.718
23.8	14.13	10.00	331.5	-4.1	250.4	248.8	249.7	-17.9	.721
36.2	14.32	10.02	334.5	-2.9	255.3	254.1	255.0	-12.9	.733
48.7	14.28	10.03	331.5	-3.6	252.7	251.3	252.2	-15.9	.728
68.1	14.16	10.10	332.6	-3.4	248.1	246.7	247.7	-14.8	.712
80.1	14.24	10.13	333.4	-3.3	249.2	247.8	248.8	-14.4	.715
96.0	14.23	10.14	333.2	-2.8	248.7	247.4	248.4	-12.3	.713
111.5	14.27	10.13	332.8	-3.2	249.6	248.3	249.2	-13.7	.717
124.0	14.27	10.12	332.5	-3.2	250.1	248.8	249.7	-13.7	.719
139.9	14.30	10.12	332.0	-3.4	250.5	249.1	250.1	-15.0	.721
156.9	14.33	10.12	331.7	-3.7	251.0	249.6	250.5	-16.0	.723
171.7	14.48	10.12	329.7	-2.9	253.9	252.6	253.6	-12.8	.734
187.5	14.48	10.12	328.6	-2.9	253.6	252.3	253.2	-13.0	.735
203.8	14.37	10.12	326.9	-3.0	250.1	248.8	249.8	-13.0	.726
216.2	14.34	10.15	326.5	-3.0	248.3	247.0	248.0	-12.9	.720
228.7	14.33	10.16	326.0	-2.8	247.4	246.2	247.1	-12.2	.718
243.1	14.13	10.08	326.4	-2.9	245.6	244.4	245.3	-12.3	.712
260.1	14.17	10.03	327.1	-2.8	248.6	247.3	248.3	-12.2	.720
276.0	14.13	10.03	326.9	-2.9	247.4	246.1	247.1	-12.4	.717
291.5	14.11	10.02	327.5	-3.0	247.5	246.2	247.2	-13.1	.717
304.0	14.15	10.00	328.3	-3.1	249.7	248.4	249.3	-13.4	.722
319.9	14.04	9.99	326.6	-3.2	246.4	245.1	246.0	-13.9	.714
336.9	14.06	9.99	329.4	-2.9	248.2	247.0	247.9	-12.5	.716
351.7	14.19	10.00	333.3	-3.9	252.4	250.8	251.8	-17.1	.725

TABLE IV. - Continued.

(d) Continued.

(d-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	14.41	9.95	333.4	-3.6	259.3	257.8	258.8	-16.1	.747
23.6	14.53	9.95	334.2	-3.8	262.2	260.5	261.6	-17.2	.755
36.4	14.54	9.95	334.1	-3.9	262.3	260.7	261.7	-17.5	.756
48.8	14.43	9.94	332.7	-3.6	259.7	258.2	259.2	-16.2	.749
68.4	14.44	10.07	333.5	-3.7	256.2	254.7	255.7	-16.6	.737
80.4	14.49	10.12	334.1	-3.7	255.8	254.2	255.3	-16.3	.735
96.0	14.41	10.12	334.4	-4.0	253.9	252.2	253.3	-17.8	.729
111.5	14.54	10.13	334.6	-3.9	256.8	255.1	256.2	-17.3	.737
124.1	14.56	10.14	333.6	-4.0	256.6	254.9	256.0	-17.7	.738
139.4	14.58	10.13	333.6	-3.9	257.4	255.8	256.8	-17.6	.741
156.4	14.63	10.12	333.5	-3.6	258.8	257.2	258.3	-16.3	.745
171.7	14.66	10.10	330.6	-2.2	259.1	257.9	258.9	-9.8	.750
187.5	14.71	10.09	330.0	-2.2	260.0	258.8	259.8	-10.1	.754
203.6	14.67	10.09	329.4	-2.3	259.0	257.8	258.8	-10.3	.751
216.4	14.63	10.10	329.1	-2.4	257.8	256.5	257.6	-10.6	.747
228.8	14.55	10.09	328.7	-2.4	255.9	254.6	255.6	-10.9	.742
248.4	14.47	10.03	329.0	-2.5	256.4	255.1	256.2	-11.2	.743
260.4	14.48	10.00	329.2	-2.7	257.6	256.3	257.3	-12.0	.747
276.0	14.43	9.99	329.1	-2.6	256.6	255.3	256.3	-11.7	.744
291.5	14.40	10.00	328.9	-2.6	255.6	254.3	255.4	-11.6	.741
304.1	14.43	10.01	328.8	-2.7	256.1	254.8	255.8	-12.0	.742
319.4	14.42	9.99	327.7	-2.5	255.8	254.5	255.6	-11.2	.743
336.4	14.39	9.98	329.9	-3.0	256.6	255.2	256.2	-13.5	.743
351.7	14.44	9.96	334.0	-3.5	260.1	258.6	259.7	-15.7	.749

(d-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	14.43	9.93	331.1	-3.5	259.6	258.0	259.1	-16.0	.751
17.9	14.50	9.93	332.6	-3.9	261.8	260.2	261.2	-17.6	.756
36.4	14.51	9.92	332.2	-4.1	262.2	260.4	261.5	-18.5	.758
48.8	14.50	9.91	331.5	-3.6	261.8	260.2	261.3	-16.4	.757
68.0	14.46	10.02	331.7	-3.6	257.4	255.9	257.0	-16.0	.743
80.1	14.52	10.06	333.7	-3.7	258.1	256.5	257.6	-16.5	.743
96.1	14.49	10.08	333.6	-3.7	256.7	255.1	256.2	-16.6	.738
111.6	14.59	10.09	334.9	-3.9	259.3	257.6	258.7	-17.4	.745
124.0	14.60	10.10	334.3	-3.7	258.9	257.3	258.4	-16.6	.745
139.4	14.64	10.10	333.6	-3.9	259.6	257.9	259.0	-17.5	.748
156.5	14.71	10.08	333.8	-3.5	261.8	260.2	261.3	-16.0	.754
171.5	14.66	10.08	329.1	-2.8	259.1	257.7	258.8	-12.8	.752
187.6	14.64	10.07	328.8	-2.9	258.6	257.2	258.3	-12.9	.751
197.9	14.71	10.07	328.7	-3.0	260.1	258.7	259.8	-13.4	.756
216.4	14.65	10.08	328.1	-2.7	258.4	257.1	258.2	-12.0	.751
228.8	14.60	10.08	328.1	-2.8	257.2	255.9	256.9	-12.7	.747
248.0	14.48	9.99	328.0	-3.0	257.6	256.1	257.2	-13.6	.748
260.1	14.47	9.93	328.4	-3.0	259.4	258.0	259.1	-13.4	.754
276.1	14.45	9.94	328.1	-3.0	258.5	257.1	258.2	-13.5	.751
291.6	14.45	9.95	327.7	-3.0	258.1	256.7	257.7	-13.5	.750
304.0	14.46	9.96	328.0	-3.0	258.1	256.7	257.8	-13.4	.750
319.4	14.47	9.95	326.8	-3.0	258.0	256.6	257.6	-13.4	.751
336.5	14.43	9.93	328.4	-3.2	258.5	257.0	258.1	-14.6	.751
351.5	14.44	9.92	331.5	-3.5	260.3	258.7	259.8	-15.7	.752

TABLE IV. - Continued.

(d) Continued.

(d-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	14.46	9.89	329.4	-3.6	260.9	259.2	260.4	-16.4	.757
19.9	14.53	9.89	330.8	-3.8	262.8	261.1	262.2	-17.3	.761
36.4	14.54	9.88	330.6	-4.0	263.3	261.6	262.7	-18.1	.763
48.6	14.46	9.88	329.4	-3.8	261.3	259.6	260.8	-17.2	.759
68.3	14.46	10.02	329.8	-3.8	256.6	254.9	256.0	-16.8	.743
80.6	14.49	10.08	330.9	-3.8	256.0	254.3	255.4	-17.0	.739
96.4	14.54	10.06	331.1	-3.8	257.8	256.1	257.2	-17.0	.745
111.5	14.63	10.06	332.0	-3.9	260.0	258.3	259.4	-17.6	.751
124.0	14.64	10.05	332.1	-3.7	260.6	258.9	260.0	-16.9	.753
139.5	14.69	10.04	331.8	-3.6	262.0	260.4	261.5	-16.3	.758
155.4	14.70	10.05	331.6	-3.5	261.8	260.1	261.3	-15.9	.757
171.9	14.70	10.06	327.1	-3.6	260.0	258.3	259.5	-16.1	.757
187.5	14.71	10.05	327.2	-3.7	260.4	258.7	259.9	-16.7	.758
199.9	14.72	10.06	326.5	-3.8	260.1	258.4	259.6	-17.0	.758
216.4	14.70	10.06	326.4	-3.8	259.5	257.8	259.0	-17.3	.757
228.6	14.57	10.06	326.2	-3.7	256.4	254.8	255.9	-16.4	.747
248.3	14.57	9.98	326.5	-3.7	259.2	257.5	258.6	-16.9	.755
260.6	14.54	9.93	326.7	-3.7	260.2	258.5	259.6	-16.6	.758
276.4	14.57	9.92	326.5	-3.7	261.4	259.7	260.8	-16.7	.762
291.5	14.52	9.92	326.5	-3.8	260.2	258.5	259.7	-17.0	.759
304.0	14.52	9.90	326.5	-3.7	260.7	259.0	260.2	-16.5	.760
319.5	14.55	9.89	325.1	-3.8	261.3	259.6	260.7	-17.3	.764
335.4	14.54	9.90	326.5	-3.8	261.2	259.5	260.6	-17.1	.762
351.9	14.47	9.89	329.7	-4.0	261.1	259.3	260.5	-18.2	.757

(d-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	14.61	9.90	327.6	-3.8	263.0	261.1	262.4	-17.3	.766
23.3	14.68	9.88	328.2	-3.7	265.6	263.7	265.0	-17.0	.774
36.4	14.63	9.86	328.0	-4.2	265.2	263.2	264.5	-19.2	.773
48.6	14.59	9.85	327.4	-4.0	264.1	262.2	263.5	-18.5	.770
68.2	14.60	10.00	327.7	-4.1	259.8	257.9	259.1	-18.7	.756
80.6	14.60	10.06	328.4	-4.1	258.2	256.3	257.5	-18.5	.750
96.0	14.63	10.04	328.5	-4.2	259.4	257.5	258.7	-18.7	.753
111.5	14.70	10.05	329.3	-4.4	260.9	258.9	260.2	-19.7	.757
124.0	14.75	10.06	329.2	-4.1	261.7	259.8	261.1	-18.7	.760
139.9	14.76	10.04	329.9	-4.3	262.7	260.7	262.0	-19.6	.762
156.6	14.79	10.06	329.3	-4.5	262.7	260.7	262.0	-20.3	.763
171.6	14.72	10.08	324.4	-3.3	258.5	256.8	258.1	-14.8	.756
187.4	14.74	10.06	325.0	-3.2	259.8	258.1	259.4	-14.6	.759
203.3	14.74	10.06	324.8	-3.4	259.8	258.2	259.4	-15.1	.760
216.4	14.73	10.06	324.8	-3.5	259.6	257.8	259.1	-15.6	.759
228.6	14.68	10.06	324.9	-3.5	258.4	256.7	257.9	-15.6	.755
248.2	14.64	9.97	324.6	-3.4	260.3	258.5	259.9	-15.4	.762
260.6	14.66	9.92	324.8	-3.4	262.4	260.7	262.0	-15.5	.768
276.0	14.68	9.90	324.8	-3.4	263.5	261.8	263.0	-15.5	.772
291.5	14.59	9.90	324.3	-3.3	261.4	259.7	261.0	-15.0	.765
304.0	14.66	9.91	324.6	-3.3	262.3	261.0	262.3	-15.2	.769
319.9	14.62	9.90	323.4	-3.3	261.8	260.1	261.4	-15.1	.768
336.6	14.60	9.91	323.7	-3.5	261.1	259.4	260.6	-16.0	.765
351.6	14.64	9.93	327.7	-3.7	262.9	261.1	262.4	-16.7	.766

TABLE IV. - Continued.

(d) Concluded.

(d-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	15.01	12.52	324.9	15.0	181.8	174.0	175.7	46.6	.516
25.2	15.05	12.36	325.0	15.0	188.9	180.8	182.6	48.4	.538
44.4	15.01	12.53	325.0	15.0	181.1	173.3	175.0	46.4	.514
56.9	15.01	12.33	325.1	15.0	188.9	180.8	182.6	48.4	.538
71.6	15.05	12.33	325.1	15.0	189.9	181.8	183.6	48.7	.541
87.4	15.05	12.38	325.2	15.0	188.3	180.3	182.1	48.3	.536
98.8	15.09	12.21	325.2	15.0	195.1	187.7	189.5	50.2	.559
115.7	15.13	12.60	325.2	15.0	182.5	174.7	176.4	46.7	.518
132.7	15.13	12.22	325.3	15.0	196.6	188.2	190.0	50.4	.561
327.8	14.99	12.42	324.8	15.0	184.7	176.8	178.5	47.3	.525
343.5	15.00	12.44	324.8	15.0	184.1	176.3	178.0	47.2	.523
359.9	15.04	12.40	324.9	15.0	187.3	179.3	181.0	48.0	.533

(d-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.7	15.40	12.04	325.9	12.0	211.0	204.8	206.5	43.5	.604
73.4	15.38	12.06	325.9	12.0	209.5	203.4	205.0	43.2	.599
89.8	15.36	12.11	325.9	12.0	207.2	201.1	202.7	42.7	.592
102.2	15.30	11.97	326.0	12.0	210.5	204.3	205.9	43.4	.602
115.1	15.32	12.18	326.0	12.0	204.0	198.0	199.6	42.1	.582
134.3	15.38	11.98	326.0	12.0	212.6	206.4	208.0	43.9	.609
146.8	15.38	11.96	326.1	12.0	213.3	207.0	208.7	44.0	.611
161.5	15.50	11.97	326.2	12.0	215.8	209.5	211.2	44.5	.619
177.3	15.50	11.98	326.5	12.0	216.0	209.7	211.4	44.6	.619
188.7	15.54	11.95	326.7	12.0	217.8	211.5	213.2	44.9	.624
205.6	15.53	11.98	326.5	12.0	216.6	210.3	212.0	44.7	.621
222.6	15.52	11.97	326.3	12.0	216.4	210.1	211.7	44.7	.620

(d-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.6	15.12	11.74	332.2	6.9	215.7	212.6	214.2	25.6	.612
29.6	15.12	11.71	332.1	6.9	216.8	213.6	215.3	25.7	.616
224.7	15.21	11.78	332.0	6.9	216.7	213.6	215.2	25.7	.615
240.4	15.11	11.74	332.1	6.9	215.4	212.3	213.9	25.5	.611
256.8	15.09	11.76	332.1	6.8	214.2	211.1	212.7	25.4	.608
269.2	15.11	11.76	331.8	6.9	214.7	211.6	213.2	25.4	.609
282.1	15.08	11.68	332.0	6.8	216.5	213.4	215.0	25.6	.615
301.3	15.13	11.81	332.7	6.9	213.8	210.8	212.3	25.3	.605
313.8	15.09	11.69	332.5	6.9	216.8	213.7	215.3	25.7	.615
328.5	15.09	11.70	332.3	6.8	216.1	213.0	214.6	25.6	.613
344.3	15.09	11.72	332.3	6.9	215.6	212.5	214.1	25.6	.612
355.7	15.09	11.73	332.2	6.9	215.2	212.1	213.6	25.5	.610

TABLE IV. - Continued.

(e) 90 Percent of design speed; reading 712-976

(e-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.6	9.32	8.57	286.6	-9	116.7	116.7	116.7	-1.8	.348
24.9	9.99	8.59	288.2	-3.8	156.1	155.8	155.8	-10.4	.469
37.2	10.03	8.56	289.2	-9.5	160.3	158.1	158.1	-26.5	.481
55.1	9.69	8.66	287.6	-17.7	135.3	128.9	128.9	-41.1	.404
68.8	9.72	8.79	287.8	-15.7	128.5	123.7	123.7	-34.7	.383
84.4	9.82	8.82	287.2	-12.9	132.1	128.8	128.8	-29.4	.395
100.3	9.93	8.88	285.8	-14.2	134.2	130.0	130.0	-33.0	.402
112.6	9.91	8.89	286.1	-12.2	132.5	129.5	129.5	-27.9	.397
128.3	9.97	8.94	285.6	-10.3	132.3	130.2	130.2	-23.8	.397
145.2	10.13	8.94	286.0	-7.2	141.9	140.8	140.8	-17.7	.426
162.3	10.08	8.99	286.5	-5.4	136.1	135.5	135.5	-12.8	.408
178.7	10.19	8.98	286.9	-4.6	142.6	142.1	142.1	-11.4	.428
194.6	10.24	8.99	286.5	1.1	145.0	145.0	145.0	2.9	.435
207.9	10.17	8.98	286.3	4.1	141.8	141.4	141.4	10.2	.425
220.2	10.11	8.95	286.8	6.4	140.0	139.2	139.2	15.6	.420
238.1	9.94	8.90	286.1	6.7	133.6	132.7	132.7	15.7	.400
251.8	9.96	8.79	286.3	7.6	141.8	140.5	140.5	18.6	.426
267.4	9.98	8.71	286.8	9.4	148.6	146.6	146.6	24.4	.446
283.3	9.85	8.68	286.1	11.4	142.7	139.9	139.9	28.2	.428
295.6	9.76	8.67	285.8	13.3	138.2	134.5	134.5	31.8	.415
311.3	9.70	8.63	285.6	16.3	137.4	131.9	131.9	38.5	.412
328.2	9.74	8.59	286.4	11.7	142.4	139.5	139.5	28.8	.427
339.8	9.68	8.56	287.7	4.0	141.6	141.2	141.2	9.8	.424
355.7	9.53	8.53	287.8	-2.1	134.2	134.1	134.1	-5.0	.401

(e-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	9.50	8.59	287.6	2.4	128.1	128.0	128.0	5.4	.382
24.9	10.30	8.61	289.9	-1.7	170.4	170.4	170.4	-5.1	.512
37.7	9.94	8.59	288.6	-7.8	153.8	152.4	152.4	-20.8	.461
56.5	9.82	8.67	288.7	-11.4	142.6	139.8	139.8	-28.3	.426
69.1	9.86	8.78	288.4	-8.7	137.3	135.7	135.7	-20.7	.410
84.5	9.86	8.82	288.1	-10.5	134.9	132.6	132.6	-24.6	.403
100.2	9.98	8.84	287.7	-7.8	140.3	139.0	139.0	-19.0	.420
112.3	9.98	8.87	286.5	-11.0	138.0	135.4	135.5	-26.4	.414
128.4	9.90	8.92	287.1	-7.8	130.5	129.3	129.3	-17.7	.390
145.2	10.16	8.91	286.5	-5.8	145.9	145.2	145.2	-14.6	.438
163.0	10.20	8.97	287.2	-6.1	144.7	143.9	143.9	-15.4	.434
178.8	10.24	8.99	287.2	-3.5	145.6	145.3	145.4	-8.8	.437
195.0	10.27	8.99	286.9	.5	146.2	146.2	146.2	1.4	.439
207.9	10.24	8.98	287.9	3.3	146.1	145.9	145.9	8.4	.438
220.7	10.22	8.97	287.8	5.8	145.6	144.9	144.9	14.7	.436
239.5	10.04	8.90	287.8	7.3	140.3	139.2	139.2	17.8	.420
252.1	10.13	8.81	287.5	5.3	150.7	150.0	150.0	13.9	.452
267.5	9.96	8.74	287.2	7.5	145.2	144.0	144.0	18.9	.436
283.2	9.92	8.71	286.2	8.2	144.6	143.1	143.1	20.5	.434
295.3	9.93	8.68	285.9	6.2	147.5	146.6	146.6	16.0	.444
311.4	9.85	8.64	286.7	10.2	145.8	143.5	143.5	25.8	.438
328.2	9.66	8.62	285.7	6.0	135.4	134.6	134.6	14.2	.406
340.0	10.03	8.60	289.0	.5	158.3	158.3	158.3	1.5	.475
355.8	9.70	8.56	287.7	-3.3	142.5	142.2	142.2	-8.3	.427

TABLE IV. - Continued.

(e) Continued.

(e-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	9.48	8.61	286.4	-1.2	125.3	125.3	125.3	-2.7	.375
24.5	10.28	8.63	289.7	-.3	168.6	168.5	168.5	-.9	.507
37.5	9.73	8.64	287.0	-3.0	138.7	138.5	138.5	-7.4	.415
56.8	9.85	8.63	288.0	-1.6	143.5	143.6	143.6	-3.9	.430
69.2	10.14	8.78	288.4	.0	152.8	152.8	152.8	.0	.458
84.4	9.95	8.79	287.5	-1.5	141.8	141.8	141.8	-3.7	.425
100.1	10.03	8.82	289.0	-4.5	144.4	143.9	143.9	-11.2	.431
112.5	10.10	8.87	287.2	-4.9	145.0	144.4	144.4	-12.3	.435
128.2	10.14	8.90	287.9	-6.4	145.1	144.1	144.2	-16.2	.434
145.1	10.24	8.93	288.0	-2.7	148.8	148.6	148.6	-7.0	.446
163.0	10.06	8.95	286.8	-1.8	137.7	137.6	137.6	-4.2	.412
179.2	10.17	8.96	287.4	-.9	143.0	142.9	142.9	-2.2	.428
194.8	10.30	8.97	286.2	1.6	149.1	149.0	149.1	4.0	.449
207.5	10.29	8.97	287.1	3.4	148.9	148.7	148.7	8.7	.447
220.5	10.12	8.96	287.4	1.7	140.8	140.7	140.7	4.1	.422
239.8	10.03	8.89	286.6	.4	140.0	140.0	140.0	1.1	.420
252.2	10.07	8.81	286.6	-.7	147.1	147.0	147.0	-1.7	.442
267.4	10.12	8.75	286.8	1.7	153.3	153.2	153.2	4.6	.461
283.1	10.06	8.72	286.7	.7	151.4	151.3	151.3	1.7	.455
295.5	10.26	8.69	286.9	-1.1	163.2	163.2	163.2	-3.2	.492
311.2	9.69	8.66	284.3	-.8	134.4	134.3	134.3	-1.9	.404
328.1	9.77	8.64	286.4	-1.8	140.3	140.7	140.7	-4.4	.422
340.0	10.15	8.63	288.8	-1.5	162.2	162.1	162.1	-4.1	.487
356.2	9.49	8.60	287.1	-.5	126.3	126.2	126.3	-1.0	.377

(e-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	10.15	8.57	289.0	1.3	165.6	165.5	165.6	3.8	.498
24.6	10.23	8.58	288.0	1.0	168.5	168.5	168.5	3.1	.508
37.6	10.00	8.59	288.0	.0	156.7	156.6	156.7	.0	.471
56.8	10.08	8.63	288.8	2.9	158.5	158.3	158.3	8.1	.476
68.9	10.23	8.75	288.1	.8	158.7	158.7	158.7	2.1	.477
85.0	10.02	8.77	287.6	.4	147.0	146.9	146.9	.9	.441
100.0	10.10	8.78	287.7	-1.3	150.4	150.3	150.4	-3.4	.451
112.6	10.08	8.82	287.7	.9	147.1	147.0	147.1	2.2	.441
128.1	10.25	8.86	288.7	-1.4	153.4	153.3	153.4	-3.7	.460
145.1	10.14	8.87	287.2	-1.4	147.0	147.0	147.0	-3.5	.441
162.9	10.01	8.89	286.7	-.3	138.9	138.8	138.9	-.7	.416
170.5	10.07	8.89	286.2	1.2	141.8	141.8	141.8	3.0	.426
194.7	10.28	8.90	287.1	1.7	152.1	152.0	152.0	4.5	.457
207.6	10.21	8.90	286.5	.8	148.9	148.9	148.9	2.1	.448
220.6	10.08	8.89	286.5	-.1	142.2	142.2	142.2	-.2	.427
239.8	10.23	8.84	287.6	.6	153.5	153.5	153.5	1.6	.461
251.9	10.22	8.77	288.3	-2.5	157.3	157.1	157.1	-6.8	.472
268.0	10.16	8.70	287.1	-1.2	157.8	157.7	157.7	-3.2	.475
283.0	10.07	8.68	287.0	-.0	155.0	154.9	155.0	-.1	.466
295.6	10.26	8.65	287.4	-1.6	165.9	165.8	165.8	-4.5	.500
311.1	9.93	8.61	286.6	-2.1	151.5	151.3	151.4	-5.4	.456
328.1	10.10	8.60	288.5	-1.6	161.5	161.4	161.4	-4.5	.485
339.9	10.20	8.58	289.8	-1.0	167.4	167.3	167.4	-2.9	.503
347.5	10.15	8.57	288.6	-2.2	165.2	165.0	165.0	-6.5	.497

TABLE IV. - Continued.

(e) Continued.

(e-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	10.23	8.55	288.2	-0	170.3	170.3	170.3	-1	.514
24.6	10.25	8.55	288.7	.5	171.1	171.1	171.1	1.4	.516
36.2	10.19	8.57	289.5	1.9	167.6	167.4	167.5	5.5	.504
55.4	10.11	8.63	289.2	4.1	160.6	160.1	160.2	11.5	.482
68.6	10.11	8.72	287.8	1.5	154.6	154.5	154.5	4.2	.464
84.2	10.04	8.74	288.3	1.6	150.0	149.9	149.9	4.1	.459
100.0	10.28	8.76	289.6	1.6	161.2	161.0	161.1	4.4	.483
112.8	10.19	8.80	287.8	.3	153.8	153.8	153.8	.7	.462
125.9	10.27	8.81	289.0	.9	158.1	158.0	158.1	2.5	.474
128.2	10.21	8.81	287.2	1.1	154.4	154.3	154.4	2.9	.464
163.0	10.06	8.87	286.5	1.4	142.5	142.4	142.5	3.5	.428
178.5	10.14	8.87	286.4	1.9	146.8	146.6	146.7	4.7	.441
189.9	10.25	8.87	286.6	1.5	153.0	152.9	152.9	4.0	.460
207.6	10.24	8.87	286.9	-0.8	152.4	152.4	152.4	-2.2	.458
219.2	10.06	8.85	286.3	.0	144.2	144.1	144.2	.0	.433
238.4	10.26	8.77	288.7	-1.2	159.1	159.1	159.1	-3.2	.478
251.6	10.16	8.72	287.8	-0.3	157.4	157.3	157.4	-0.9	.473
267.2	10.21	8.68	286.8	-1.8	161.9	161.8	161.8	-5.1	.488
283.0	10.16	8.65	288.3	-0.8	161.1	161.0	161.1	-2.3	.484
295.8	10.27	8.62	287.2	-2.3	167.8	167.6	167.6	-6.6	.506
308.9	10.26	8.60	287.6	-2.9	168.5	168.2	168.2	-8.6	.508
311.2	10.18	8.60	286.9	-3.1	164.8	164.5	164.6	-8.8	.497
340.0	10.23	8.57	289.0	-1.6	168.9	168.8	168.9	-4.6	.508
355.5	10.23	8.56	289.1	-0.1	170.1	170.0	170.1	-0.2	.512

(e-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	10.19	8.55	288.6	.1	168.6	168.5	168.6	.2	.508
24.4	10.23	8.56	288.2	1.0	169.7	169.6	169.7	3.0	.512
37.6	10.25	8.58	289.3	2.7	169.9	169.6	169.7	8.0	.511
56.3	10.23	8.71	288.5	2.8	161.3	161.1	161.1	7.7	.485
68.8	10.22	8.63	289.0	2.0	165.4	165.2	165.3	5.7	.497
84.2	10.04	8.69	288.8	1.0	153.0	152.9	153.0	2.7	.459
99.6	10.17	8.75	290.0	.5	156.3	156.3	156.3	1.4	.468
112.3	10.25	8.80	289.0	.5	157.8	157.8	157.8	1.5	.473
127.6	10.27	8.81	288.6	.1	157.9	157.9	157.9	.2	.474
142.7	10.18	8.83	286.9	.6	151.6	151.5	151.6	1.6	.456
150.4	9.97	8.84	286.8	3.6	139.2	138.8	138.9	8.7	.417
156.1	10.09	8.85	286.3	2.5	145.2	145.0	145.0	6.3	.436
194.7	10.28	8.87	287.4	1.8	154.5	154.3	154.4	5.0	.464
207.4	10.28	8.86	288.0	-0.1	155.0	155.0	155.0	-0.1	.466
220.6	10.24	8.84	288.6	-0.3	154.5	154.4	154.5	-0.9	.463
239.3	10.25	8.77	288.0	-2.4	159.1	158.9	158.9	-6.6	.478
251.8	10.25	8.70	288.3	-2.0	162.8	162.6	162.7	-5.7	.490
267.2	10.23	8.67	287.6	-2.4	163.4	163.1	163.2	-6.8	.492
282.6	10.25	8.65	287.3	-3.3	165.4	165.1	165.1	-9.5	.499
295.3	10.19	8.63	286.3	-2.1	163.3	163.2	163.2	-6.1	.493
310.6	10.29	8.60	287.5	-2.3	169.5	169.3	169.4	-6.8	.512
325.7	10.27	8.59	287.9	-1.9	169.7	169.6	169.6	-5.7	.512
327.4	10.25	8.59	288.0	-2.0	168.7	168.5	168.6	-5.8	.509
333.1	10.24	8.58	289.0	-2.9	169.1	168.8	168.9	-8.4	.509

TABLE IV. - Continued.

(e) Continued.

(e-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.3	10.19	8.50	288.9	-1	171.1	171.0	171.1	-1	.515
24.1	10.16	8.50	289.4	.9	169.9	169.8	169.9	2.7	.511
36.9	10.19	8.51	289.9	1.0	170.8	170.7	170.7	2.9	.513
56.5	10.16	8.53	288.4	1.9	167.8	167.6	167.7	5.4	.505
69.3	10.14	8.66	288.9	1.1	159.8	159.7	159.8	3.1	.480
84.7	10.16	8.69	288.3	2.5	159.3	159.1	159.2	6.8	.479
99.9	10.18	8.69	288.0	2.9	160.0	159.8	159.8	8.2	.481
112.3	10.19	8.71	288.2	1.0	159.4	159.4	159.4	2.8	.479
128.1	10.19	8.73	287.8	-1	158.1	158.0	158.1	-2	.475
144.5	10.19	8.75	288.5	-5	157.3	157.2	157.3	-1.5	.472
162.4	10.15	8.77	289.2	2.7	154.3	154.0	154.1	7.4	.462
178.3	10.15	8.77	287.4	3.1	153.6	153.3	153.4	8.2	.462
194.3	10.19	8.78	288.2	-0	155.4	155.3	155.4	-1	.467
207.1	10.19	8.77	288.9	-9	156.2	156.1	156.2	-2.5	.468
219.9	10.19	8.76	287.7	-2.3	156.4	156.2	156.3	-6.3	.470
239.5	10.17	8.71	287.8	-4.4	158.1	157.6	157.6	-12.1	.475
252.3	10.19	8.65	288.8	-5.7	162.8	161.9	162.0	-16.0	.489
267.7	10.18	8.60	288.9	-5.0	165.3	164.6	164.7	-14.5	.497
282.9	10.19	8.58	289.2	-3.7	166.7	166.3	166.4	-10.7	.501
295.3	10.17	8.56	288.3	-4.1	167.7	167.2	167.3	-11.9	.505
311.1	10.19	8.53	287.7	-2.6	168.7	168.5	168.6	-7.7	.509
327.5	10.18	8.51	288.2	-1.4	169.9	169.8	169.9	-4.1	.512
339.4	10.19	8.50	289.3	-1.6	171.1	170.9	171.0	-4.8	.515
355.3	10.16	8.50	288.9	-0	169.7	169.6	169.7	-1	.511

(e-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	10.19	8.53	289.6	-8	169.5	159.5	169.5	-2.4	.510
25.0	10.19	8.53	288.8	.8	169.6	169.5	169.6	2.4	.511
37.1	10.19	8.53	289.3	2.3	169.4	169.2	169.3	6.9	.510
56.9	10.18	8.55	289.5	3.4	168.4	168.0	168.1	9.9	.506
68.7	10.15	8.68	287.9	2.7	159.0	158.8	158.9	7.4	.478
84.7	10.12	8.69	289.0	3.8	157.2	156.8	156.9	10.3	.471
99.6	10.18	8.71	288.0	3.0	159.1	158.8	158.9	8.4	.478
112.8	10.19	8.72	287.3	2.2	158.4	158.2	158.3	6.1	.477
127.5	10.18	8.73	288.2	.9	158.2	158.1	158.2	2.6	.475
145.7	10.19	8.75	287.9	.3	156.7	156.6	156.7	.7	.471
162.3	10.17	8.76	287.5	4.5	155.2	154.7	154.7	12.2	.467
179.0	10.18	8.77	288.6	3.0	155.7	155.5	155.5	8.2	.467
190.3	10.20	8.76	287.7	1.2	156.4	156.3	156.3	3.2	.470
208.0	10.18	8.76	288.4	-1.2	155.8	155.7	155.8	-3.2	.468
220.1	10.19	8.75	288.6	-1.8	156.9	156.8	156.9	-4.9	.471
239.9	10.19	8.71	288.4	-4.3	159.2	158.7	158.8	-11.8	.478
251.7	10.19	8.65	288.4	-6.0	162.6	161.7	161.8	-16.9	.489
267.7	10.18	8.61	289.6	-5.8	165.2	164.3	164.4	-16.5	.496
282.6	10.19	8.59	289.3	-5.4	166.1	165.3	165.4	-15.7	.499
295.8	10.19	8.58	289.0	-4.5	167.1	166.5	166.5	-13.2	.502
310.5	10.18	8.56	288.1	-3.4	167.4	167.1	167.1	-10.0	.504
328.7	10.19	8.55	287.8	-2.1	168.4	168.2	168.3	-6.1	.508
339.3	10.19	8.54	288.8	-3.6	169.1	168.7	168.7	-10.5	.509
356.0	10.19	8.53	289.5	-1.9	169.5	169.3	169.4	-5.5	.510

TABLE IV. - Continued.

(e) Continued.

(e-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	10.19	8.54	288.0	-.4	168.6	168.5	168.6	-1.2	.508
23.5	10.19	8.54	289.0	1.5	169.0	168.9	169.0	4.5	.509
36.8	10.19	8.55	289.4	2.9	168.8	168.5	168.5	8.4	.507
55.7	10.18	8.56	288.6	3.5	167.5	167.1	167.2	10.1	.504
68.8	10.15	8.68	289.4	4.4	159.6	159.1	159.1	12.4	.479
84.4	10.18	8.69	288.8	4.5	160.0	159.5	159.5	12.6	.481
99.7	10.19	8.70	289.3	3.0	160.4	160.1	160.2	8.3	.481
112.2	10.19	8.71	289.7	2.6	159.9	159.6	159.7	7.4	.479
128.0	10.19	8.73	288.6	1.8	158.3	158.1	158.2	5.1	.475
145.0	10.19	8.75	287.9	.1	157.1	157.0	157.1	.3	.472
162.2	10.19	8.76	288.3	4.5	156.7	156.1	156.2	12.2	.470
178.4	10.19	8.76	288.6	1.9	156.4	156.2	156.3	5.0	.469
194.5	10.19	8.77	288.7	.6	156.1	156.0	156.1	1.5	.468
206.5	10.19	8.76	289.1	-.9	156.5	156.4	156.5	-2.5	.469
219.8	10.19	8.75	288.7	-3.3	156.7	156.4	156.4	-9.0	.470
238.7	10.18	8.72	289.2	-5.9	159.0	158.1	158.1	-16.4	.477
251.8	10.19	8.65	288.1	-5.2	162.5	161.7	161.8	-14.6	.489
267.4	10.19	8.61	288.0	-6.0	164.7	163.7	163.8	-17.3	.496
282.7	10.18	8.59	287.9	-5.1	165.5	164.8	164.9	-14.6	.499
295.2	10.18	8.58	289.6	-5.1	166.6	165.9	166.0	-14.9	.501
311.0	10.19	8.56	289.0	-3.8	167.7	167.3	167.4	-11.1	.505
328.0	10.19	8.55	289.2	-2.0	168.4	168.2	168.3	-5.9	.507
339.2	10.19	8.54	290.1	-3.2	169.1	168.8	168.8	-9.4	.508
355.4	10.18	8.54	289.3	-1.5	168.6	168.5	168.6	-4.5	.507

(e-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	10.18	8.60	288.3	-.4	165.2	165.1	165.2	-1.0	.497
24.0	10.19	8.59	288.8	1.7	165.9	165.8	165.8	5.0	.499
37.3	10.19	8.59	288.6	3.1	165.9	165.7	165.7	8.9	.499
57.1	10.20	8.60	288.3	4.2	165.9	165.4	165.4	12.1	.499
69.1	10.19	8.70	289.6	5.3	160.2	159.4	159.5	14.8	.480
84.3	10.18	8.72	287.8	6.5	158.4	157.4	157.4	17.9	.476
100.5	10.19	8.71	289.7	4.4	159.4	158.8	158.9	12.3	.478
112.6	10.19	8.72	289.1	4.8	159.3	158.7	158.7	13.4	.478
128.5	10.19	8.73	289.6	3.2	158.6	158.4	158.4	8.7	.475
145.1	10.18	8.75	288.7	1.2	156.7	156.7	156.7	3.3	.470
162.6	10.19	8.76	287.8	4.3	156.3	155.9	155.9	11.8	.470
178.3	10.20	8.76	287.9	-.0	156.5	156.5	156.5	-.1	.470
194.5	10.18	8.76	289.1	-1.0	156.6	156.5	156.5	-2.8	.469
207.0	10.20	8.75	289.6	-1.8	157.8	157.7	157.7	-4.8	.473
220.3	10.20	8.75	289.1	-3.5	158.0	157.7	157.7	-9.7	.474
240.1	10.20	8.71	289.2	-6.3	160.5	159.5	159.5	-17.7	.482
252.1	10.20	8.66	290.0	-7.4	163.2	161.8	161.9	-20.9	.489
267.3	10.18	8.61	289.3	-7.4	164.8	163.4	163.4	-21.2	.495
283.5	10.19	8.60	288.9	-6.9	165.8	164.6	164.6	-19.9	.499
295.6	10.19	8.60	288.7	-5.8	165.6	164.7	164.7	-16.8	.498
311.5	10.18	8.60	288.1	-5.2	165.4	164.7	164.7	-14.9	.498
328.1	10.18	8.59	287.8	-3.1	165.4	165.1	165.1	-8.9	.498
339.6	10.18	8.60	289.0	-3.6	165.6	165.2	165.3	-10.4	.498
355.3	10.19	8.60	288.9	-2.1	165.7	165.5	165.6	-6.1	.498

TABLE IV. - Continued.

(e) Continued.

(e-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.0	10.18	8.65	289.1	- .8	162.8	162.8	162.8	-2.3	.489
24.3	10.20	8.65	289.2	1.9	163.4	163.3	163.3	5.4	.491
36.6	10.19	8.63	290.0	3.4	164.1	163.8	163.8	9.7	.492
56.0	10.19	8.62	288.4	7.5	164.4	163.0	163.0	21.3	.495
68.6	10.20	8.74	288.7	9.3	157.9	155.8	155.9	25.6	.474
83.9	10.20	8.73	288.6	7.8	158.6	157.1	157.1	21.5	.476
99.6	10.19	8.73	289.2	9.3	158.4	156.3	156.3	25.5	.475
113.0	10.19	8.73	289.0	7.3	158.2	156.9	156.9	20.0	.475
127.8	10.19	8.74	289.3	6.9	157.6	156.4	156.4	18.9	.472
143.3	10.19	8.76	288.1	3.0	156.2	156.0	156.0	8.3	.469
162.6	10.19	8.77	288.5	3.7	155.9	155.6	155.6	10.0	.468
179.2	10.20	8.77	289.4	- .1	156.2	156.2	156.2	- .2	.468
194.0	10.18	8.77	288.7	-2.1	155.7	155.5	155.5	-5.7	.467
207.3	10.19	8.76	289.4	-4.1	156.9	156.5	156.5	-11.1	.470
219.6	10.19	8.75	288.7	-3.5	157.2	156.9	156.9	-9.6	.472
239.0	10.20	8.70	290.3	-9.7	160.6	158.3	158.3	-27.1	.481
251.6	10.20	8.66	289.2	-9.1	163.0	160.9	160.9	-25.8	.489
266.9	10.18	8.62	288.9	-7.4	164.1	162.7	162.7	-21.2	.493
282.6	10.18	8.61	289.5	-9.4	164.6	162.4	162.4	-26.8	.494
296.0	10.18	8.62	289.8	-9.6	164.6	162.3	162.3	-27.4	.494
310.8	10.18	8.63	288.5	-6.9	163.5	162.3	162.3	-19.7	.492
326.3	10.18	8.63	289.1	-5.1	163.6	162.9	162.9	-14.6	.491
339.6	10.19	8.64	289.3	-5.4	164.0	163.2	163.3	-15.3	.493
356.2	10.19	8.64	289.0	-4.2	163.4	162.9	162.9	-12.0	.491

(e-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	9.56	8.36	287.4	8.6	147.5	145.8	145.9	22.1	.443
20.6	9.50	8.36	287.3	7.7	143.9	142.6	142.6	19.3	.431
32.9	9.64	8.35	287.9	4.8	152.5	152.0	152.0	12.8	.458
50.8	9.65	8.35	288.0	4.0	153.3	152.9	153.0	10.7	.460
64.5	9.36	8.36	287.3	.6	135.2	135.1	135.2	1.5	.404
80.1	9.56	8.37	287.1	2.5	146.5	146.3	146.4	6.4	.440
96.0	9.59	8.42	286.6	2.8	145.0	144.8	144.8	7.1	.435
108.3	9.62	8.46	286.3	2.5	143.9	143.7	143.8	6.3	.432
124.0	9.67	8.48	285.7	1.9	145.4	145.3	145.3	4.7	.437
140.9	9.90	8.50	286.2	2.5	156.3	156.2	156.2	6.7	.471
163.6	9.84	8.53	287.2	-1.0	151.8	151.7	151.7	-2.6	.456
179.5	9.89	8.55	287.0	- .7	153.2	153.1	153.2	-1.8	.460
195.4	9.96	8.55	287.2	.7	156.7	156.6	156.7	1.9	.471
203.7	9.99	8.54	287.1	1.6	158.5	158.4	158.5	4.4	.477
221.0	9.99	8.53	287.5	2.5	159.9	159.7	159.7	6.9	.481
238.9	9.86	8.51	287.2	4.0	154.0	153.6	153.6	10.7	.463
252.6	9.77	8.49	286.9	4.3	150.3	149.9	149.9	11.2	.452
268.2	9.72	8.48	286.3	5.0	148.5	148.0	148.0	12.9	.447
284.1	9.71	8.46	286.3	5.5	148.6	147.9	147.9	14.3	.447
296.4	9.63	8.44	286.0	6.3	145.7	144.8	144.8	16.1	.438
312.1	9.61	8.42	285.9	6.6	145.8	144.8	144.8	16.6	.438
329.0	9.49	8.39	286.8	7.8	141.1	139.8	139.8	19.1	.423
335.5	9.47	8.38	287.8	11.7	140.8	137.9	137.9	28.6	.421
351.4	9.54	8.36	287.5	11.2	146.4	143.6	143.6	28.4	.439

TABLE IV. - Continued.

(e) Continued.

(e-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	9.58	8.35	287.9	7.7	149.1	147.8	147.8	19.9	.447
20.6	9.87	8.35	288.8	6.9	164.5	163.3	163.3	19.9	.495
33.4	9.70	8.35	288.2	6.3	155.5	154.5	154.5	17.1	.468
52.2	9.54	8.36	287.7	5.5	146.1	145.4	145.4	14.1	.438
64.8	9.46	8.37	287.6	4.0	140.8	140.5	140.5	9.9	.422
80.2	9.75	8.37	288.3	5.3	157.2	156.5	156.5	14.5	.472
95.9	9.67	8.41	287.1	4.3	149.9	149.5	149.5	11.1	.450
108.0	9.72	8.43	287.7	4.1	151.6	151.2	151.2	10.7	.455
124.1	9.80	8.45	286.8	4.0	154.6	154.3	154.3	10.7	.465
140.9	9.92	8.46	286.5	3.7	159.5	159.2	159.2	10.4	.481
163.8	9.85	8.51	287.3	-7	153.7	153.6	153.7	-2.0	.462
179.6	9.91	8.53	287.8	.2	155.5	155.5	155.5	.6	.467
195.8	10.02	8.54	288.0	1.1	160.8	160.7	160.8	3.2	.484
208.7	10.06	8.54	288.7	1.8	163.0	162.9	162.9	5.2	.490
221.5	10.05	8.54	288.1	2.5	162.3	162.1	162.1	7.1	.488
240.3	9.88	8.50	287.8	3.6	155.9	155.5	155.5	9.9	.468
252.9	9.86	8.49	287.4	3.4	155.1	154.9	154.9	9.1	.466
268.3	9.84	8.47	287.4	3.6	155.4	155.1	155.1	9.7	.467
284.0	9.80	8.45	286.5	3.6	154.9	154.6	154.6	9.7	.466
296.1	9.73	8.43	287.0	4.0	152.0	151.6	151.6	10.7	.457
312.2	9.76	8.42	286.5	3.3	154.5	154.3	154.3	8.8	.465
329.0	9.62	8.40	286.8	3.7	147.8	147.5	147.5	9.6	.444
335.7	9.61	8.39	287.7	7.9	148.2	146.8	146.8	20.3	.444
351.5	9.62	8.38	287.4	7.7	149.6	148.2	148.2	20.2	.449

(e-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	9.52	8.36	286.5	5.1	144.6	144.1	144.1	12.8	.434
20.2	9.93	8.36	287.9	6.3	166.4	165.4	165.4	18.1	.501
33.2	9.74	8.39	287.4	6.4	155.2	154.2	154.2	17.4	.466
52.5	9.72	8.40	287.2	7.2	153.4	152.2	152.2	19.2	.461
64.9	9.72	8.38	287.7	7.3	154.9	153.7	153.7	19.7	.465
80.1	9.92	8.38	288.2	6.5	165.0	163.9	163.9	18.8	.497
95.8	9.85	8.39	288.4	6.8	160.9	159.7	159.7	19.1	.483
108.2	9.91	8.40	288.0	5.4	163.3	162.6	162.6	15.5	.491
123.9	9.83	8.41	287.5	5.0	158.8	158.2	158.2	13.7	.478
140.8	9.92	8.44	287.6	5.3	161.1	160.5	160.5	14.8	.485
163.8	9.84	8.47	287.6	.6	155.6	155.6	155.6	1.7	.468
180.0	9.92	8.50	287.8	-1	158.2	158.2	158.2	-2	.476
195.6	10.07	8.51	287.8	.5	164.8	164.8	164.8	1.3	.496
208.3	10.09	8.52	288.1	.8	165.3	165.3	165.3	2.3	.498
221.3	10.06	8.52	288.0	1.2	163.9	163.9	163.9	3.3	.493
240.6	9.90	8.48	287.4	1.3	157.8	157.7	157.7	3.7	.475
253.0	9.91	8.47	287.2	1.3	159.0	158.9	158.9	3.7	.479
268.2	9.94	8.45	287.1	.7	161.5	161.5	161.5	2.0	.487
283.9	9.89	8.44	287.4	.7	160.1	160.1	160.1	1.9	.482
296.3	9.86	8.43	287.2	-1	159.4	159.4	159.4	-2	.480
312.0	10.03	8.42	287.5	-1	167.9	167.9	167.9	-1	.506
328.9	9.91	8.40	288.2	-4	163.5	163.4	163.4	-1.1	.492
335.7	9.94	8.39	288.7	4.1	165.5	165.1	165.1	11.7	.498
351.9	9.78	8.38	287.5	4.7	157.7	157.2	157.2	12.9	.474

TABLE IV. - Continued.

(e) Continued.

(e-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	9.98	8.35	288.5	3.9	169.9	169.5	169.5	11.6	.512
20.3	10.06	8.33	288.2	4.2	174.2	173.7	173.7	12.9	.526
33.3	10.03	8.34	288.2	4.4	172.2	171.7	171.7	13.4	.520
52.5	9.91	8.36	288.1	4.8	165.8	165.3	165.3	13.9	.499
64.6	9.89	8.36	287.6	5.5	164.8	164.0	164.0	15.9	.496
80.7	10.00	8.33	287.9	4.8	171.6	170.9	171.0	14.3	.516
95.7	9.87	8.35	288.1	5.2	164.3	163.7	163.7	14.8	.495
108.3	9.97	8.36	288.3	4.2	168.7	168.2	168.2	12.2	.508
123.8	10.05	8.37	288.1	4.1	172.0	171.6	171.6	12.4	.519
140.8	10.01	8.40	287.1	4.0	168.0	167.6	167.6	11.8	.507
163.7	9.89	8.44	287.3	-6	159.8	159.7	159.7	-1.6	.481
171.3	9.92	8.46	287.2	-8	160.2	160.1	160.1	-2.3	.482
195.5	10.11	8.47	288.5	-1.0	169.3	169.2	169.2	-3.0	.510
208.4	10.13	8.46	287.9	-8	170.3	170.3	170.3	-2.4	.514
221.4	10.09	8.45	287.7	-8	168.9	168.8	168.8	-2.4	.509
240.6	9.99	8.43	288.0	-1.0	165.2	165.1	165.1	-3.0	.497
252.7	9.98	8.42	287.8	-1.4	165.5	165.4	165.4	-4.0	.499
268.8	10.02	8.41	287.6	-1.4	167.9	167.9	167.9	-4.2	.506
283.8	10.00	8.39	288.3	-1.1	168.6	168.6	168.6	-3.4	.508
296.4	9.94	8.38	287.3	-1.2	165.5	165.5	165.5	-3.5	.499
311.9	10.08	8.38	288.0	-1.3	172.7	172.7	172.7	-3.8	.521
328.9	10.05	8.36	288.4	-2.0	172.5	172.4	172.4	-6.1	.520
335.6	10.00	8.35	288.5	3.2	170.4	170.2	170.2	9.4	.514
343.2	9.96	8.36	288.4	3.9	168.2	167.8	167.8	11.5	.507

(e-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	10.08	8.33	288.2	3.6	175.0	174.6	174.6	11.0	.528
20.3	10.10	8.31	288.5	3.7	177.2	176.8	176.8	11.5	.535
31.9	10.08	8.33	287.8	3.5	175.2	174.8	174.9	10.7	.529
51.1	10.04	8.34	288.3	4.0	173.0	172.6	172.6	11.9	.522
64.3	10.00	8.34	287.9	4.6	171.0	170.5	170.5	13.8	.516
79.9	10.03	8.35	287.6	3.7	171.7	171.3	171.3	11.2	.518
95.7	9.93	8.35	287.4	3.7	166.9	166.6	166.6	10.7	.504
108.5	9.99	8.34	287.8	3.7	170.1	169.7	169.7	11.0	.513
121.6	10.11	8.36	287.9	3.0	174.8	174.5	174.5	9.1	.528
123.9	10.06	8.37	287.3	3.3	172.2	171.9	171.9	9.9	.520
163.8	9.96	8.40	287.2	-1.0	165.9	165.8	165.8	-3.0	.500
179.3	10.02	8.40	287.5	-1.6	168.5	168.4	168.4	-4.8	.508
190.7	10.11	8.41	287.8	-1.8	171.9	171.8	171.8	-5.5	.519
208.4	10.14	8.44	288.3	-1.7	172.3	172.3	172.3	-5.1	.520
220.0	10.14	8.44	287.7	-1.6	171.7	171.7	171.7	-4.7	.519
239.2	10.02	8.42	287.6	-2.3	167.1	167.0	167.0	-6.7	.504
252.4	10.03	8.41	287.7	-1.8	168.2	168.1	168.1	-5.3	.507
268.0	10.10	8.40	287.7	-.9	172.2	172.1	172.1	-5.8	.520
283.8	10.03	8.37	288.1	-1.9	170.8	170.7	170.7	-5.6	.515
296.6	9.98	8.36	287.2	-1.7	168.9	168.8	168.8	-4.9	.510
309.7	10.11	8.36	287.8	-2.0	174.6	174.5	174.5	-6.0	.528
312.0	10.12	8.37	287.1	-2.2	174.4	174.3	174.3	-6.6	.528
335.7	10.08	8.34	288.2	2.7	174.6	174.4	174.4	8.2	.527
351.2	10.08	8.34	288.0	2.7	174.6	174.4	174.4	8.4	.528

TABLE IV. - Continued.

(e) Continued.

(e-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	10.11	8.34	287.9	2.4	176.0	175.8	175.8	7.4	.532
20.1	10.10	8.34	288.1	2.7	175.9	175.7	175.7	8.3	.531
33.3	10.13	8.33	288.0	2.4	177.3	177.1	177.1	7.4	.536
52.0	10.10	8.34	287.9	2.8	175.7	175.5	175.5	8.7	.531
64.5	10.09	8.35	288.1	2.7	174.5	174.3	174.3	8.2	.527
79.9	10.07	8.35	287.5	2.7	173.7	173.4	173.5	8.2	.525
95.3	9.95	8.34	287.9	2.4	168.7	168.6	168.6	7.2	.509
108.0	9.97	8.35	287.3	2.5	168.9	168.7	168.7	7.5	.510
123.3	10.07	8.37	287.7	2.3	172.6	172.4	172.4	7.0	.521
138.4	10.11	8.39	286.4	2.0	172.8	172.7	172.7	6.1	.523
151.2	9.96	8.40	287.2	-1.7	165.7	165.6	165.6	-4.9	.500
156.9	9.99	8.40	287.7	-2.1	167.3	167.2	167.2	-6.1	.505
195.5	10.15	8.43	288.1	-2.6	172.9	172.7	172.7	-7.7	.522
208.2	10.15	8.43	288.2	-2.7	173.0	172.8	172.8	-8.1	.522
221.4	10.14	8.42	287.9	-2.4	172.8	172.6	172.6	-7.3	.522
240.1	10.04	8.41	287.6	-3.0	168.6	168.4	168.4	-8.8	.509
252.6	10.08	8.40	287.6	-3.0	171.0	170.7	170.7	-9.1	.516
268.0	10.13	8.39	288.1	-3.3	174.4	174.0	174.1	-9.9	.526
283.4	10.06	8.37	287.7	-3.1	171.9	171.6	171.6	-9.2	.519
296.1	10.04	8.36	287.6	-2.7	171.6	171.4	171.4	-8.1	.518
311.4	10.13	8.36	287.4	-2.9	175.7	175.4	175.4	-8.8	.531
323.1	10.08	8.36	288.2	2.0	173.9	173.7	173.8	6.2	.525
326.5	10.11	8.36	287.6	-2.9	175.0	174.7	174.7	-8.9	.529
328.8	10.10	8.35	288.4	1.4	174.9	174.9	174.9	4.4	.528

(e-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	10.14	8.34	287.8	.5	177.5	177.4	177.5	1.6	.537
19.8	10.13	8.33	287.8	.4	177.2	177.1	177.2	1.2	.536
32.6	10.12	8.35	287.5	.2	175.8	175.7	175.8	.5	.532
52.2	10.16	8.36	287.5	.4	176.8	176.7	176.8	1.3	.535
65.0	10.15	8.37	287.5	.5	175.9	175.9	175.9	1.6	.532
80.4	10.10	8.36	287.5	.5	174.2	174.1	174.2	1.4	.527
95.6	10.06	8.36	287.6	.3	172.8	172.7	172.8	1.0	.522
108.0	10.14	8.36	287.1	.2	176.2	176.1	176.2	.7	.533
123.8	10.15	8.37	288.1	.2	176.4	176.3	176.4	.7	.533
140.2	10.16	8.40	287.4	.0	174.7	174.6	174.7	.0	.528
163.2	10.10	8.39	288.3	-4.3	172.6	172.1	172.1	-12.8	.521
179.1	10.10	8.40	288.2	-4.2	172.1	171.6	171.7	-12.6	.519
195.1	10.16	8.43	288.5	-4.4	173.5	172.9	173.0	-13.3	.523
207.9	10.15	8.44	287.8	-4.3	172.5	171.9	172.0	-13.0	.521
220.7	10.14	8.44	287.9	-4.3	172.0	171.4	171.5	-13.0	.519
240.3	10.14	8.42	287.9	-4.8	172.8	172.1	172.2	-14.4	.522
253.1	10.15	8.41	288.2	-4.8	173.6	173.0	173.0	-14.5	.524
268.5	10.13	8.39	288.5	-4.8	174.4	173.7	173.8	-14.6	.526
283.7	10.11	8.37	288.5	-4.6	174.4	173.7	173.8	-14.1	.526
296.1	10.13	8.37	288.0	-4.8	175.5	174.8	174.9	-14.6	.530
311.9	10.15	8.36	287.6	-4.5	176.2	175.5	175.6	-13.8	.533
328.3	10.14	8.36	287.8	-4.6	176.2	175.5	175.6	-14.0	.533
335.1	10.16	8.36	287.7	.1	177.2	177.1	177.2	.2	.536
351.0	10.16	8.35	287.9	.0	177.5	177.4	177.5	.0	.537

TABLE IV. - Continued.

(e) Continued.

(e-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.0	10.15	8.35	287.6	-1.4	177.2	177.0	177.2	-4.3	.536
20.7	10.13	8.35	287.4	-1.2	176.3	176.1	176.3	-3.8	.533
32.8	10.15	8.35	287.4	-1.5	176.9	176.6	176.8	-4.7	.535
52.6	10.15	8.36	287.3	-1.2	176.2	176.0	176.2	-3.7	.533
64.4	10.14	8.37	287.2	-1.1	175.3	175.0	175.2	-3.3	.530
80.4	10.12	8.37	287.9	-1.0	174.9	174.7	174.9	-3.1	.529
95.3	10.14	8.36	287.6	-1.5	176.2	176.0	176.2	-4.5	.533
108.5	10.15	8.36	286.6	-1.5	176.0	175.7	175.9	-4.6	.533
123.2	10.15	8.37	287.7	-1.7	175.8	175.5	175.7	-5.1	.532
141.4	10.15	8.38	287.1	-1.6	175.3	175.1	175.2	-5.0	.531
163.1	10.11	8.40	288.3	-5.4	172.8	171.8	172.0	-16.1	.521
179.8	10.14	8.40	288.7	-5.6	174.4	173.3	173.5	-16.9	.526
191.1	10.15	8.41	288.3	-5.5	174.1	173.1	173.3	-16.8	.525
208.8	10.15	8.43	288.5	-5.7	173.3	172.2	172.4	-17.1	.523
220.9	10.15	8.43	288.4	-5.4	173.2	172.3	172.5	-16.2	.523
240.7	10.15	8.42	288.1	-5.5	173.7	172.7	172.9	-16.7	.524
252.5	10.15	8.41	288.4	-5.8	173.9	172.8	173.0	-17.4	.525
268.5	10.15	8.40	288.5	-5.8	174.6	173.5	173.7	-17.7	.527
283.4	10.13	8.38	288.5	-6.1	175.2	174.1	174.3	-18.5	.529
296.6	10.15	8.37	288.5	-5.7	176.0	174.9	175.1	-17.6	.531
311.3	10.15	8.37	288.0	-5.8	175.9	174.8	175.0	-17.9	.531
329.5	10.15	8.37	287.9	-5.7	175.7	174.6	174.8	-17.5	.531
335.0	10.15	8.37	287.5	-1.7	175.9	175.6	175.8	-5.2	.532
351.7	10.15	8.35	287.7	-1.5	176.9	176.7	176.9	-4.6	.535

(e-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	10.15	8.37	287.4	-2.1	175.7	175.3	175.6	-6.5	.531
19.2	10.13	8.37	287.4	-2.1	175.5	175.1	175.4	-6.6	.531
32.5	10.13	8.37	287.5	-2.1	175.2	174.8	175.1	-6.4	.530
51.4	10.15	8.37	287.3	-1.9	175.6	175.2	175.5	-5.8	.531
64.5	10.14	8.38	287.4	-1.7	175.2	174.9	175.2	-5.1	.530
80.1	10.14	8.37	287.7	-1.9	175.3	175.0	175.2	-5.8	.530
95.4	10.14	8.36	287.2	-2.1	176.1	175.7	176.0	-6.4	.533
107.9	10.15	8.37	287.9	-2.3	176.0	175.6	175.8	-7.1	.532
123.7	10.15	8.38	287.8	-2.5	175.3	174.8	175.1	-7.5	.530
140.7	10.15	8.39	287.1	-2.6	174.7	174.2	174.5	-7.8	.528
163.0	10.15	8.41	288.6	-5.9	174.2	173.0	173.3	-17.9	.526
179.2	10.15	8.43	288.7	-6.3	173.0	171.7	172.0	-18.8	.522
195.3	10.16	8.43	288.9	-6.4	173.4	172.0	172.3	-19.3	.523
207.3	10.15	8.43	288.5	-6.2	173.4	172.1	172.4	-18.7	.523
220.6	10.15	8.42	288.4	-6.4	173.4	172.0	172.3	-19.3	.523
239.5	10.15	8.41	288.3	-6.3	174.2	172.8	173.1	-19.0	.526
252.6	10.15	8.41	288.3	-6.2	174.1	172.9	173.1	-18.7	.526
268.2	10.15	8.40	288.4	-6.5	175.0	173.6	173.8	-19.7	.528
283.5	10.15	8.38	288.6	-6.5	175.8	174.4	174.7	-20.0	.531
296.0	10.15	8.37	288.8	-6.3	176.5	175.1	175.4	-19.4	.533
311.8	10.15	8.37	288.4	-6.3	176.1	174.8	175.1	-19.4	.532
328.8	10.15	8.37	288.2	-6.6	176.0	174.6	174.9	-20.1	.532
334.9	10.15	8.37	287.6	-2.3	176.0	175.6	175.9	-7.0	.532
351.1	10.15	8.37	287.5	-2.4	176.1	175.7	176.0	-7.2	.533

TABLE IV. - Continued.

(e) Continued.

(e-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	10.14	8.43	287.6	-6.0	172.6	170.8	171.7	-18.0	.521
19.7	10.14	8.43	287.5	-6.1	172.4	170.5	171.4	-18.1	.521
33.0	10.14	8.44	287.5	-6.0	172.0	170.2	171.1	-17.9	.520
52.8	10.14	8.44	287.2	-5.8	171.6	169.8	170.7	-17.2	.519
64.8	10.13	8.44	287.8	-5.8	171.6	169.8	170.7	-17.3	.518
80.0	10.13	8.43	287.3	-5.7	171.8	170.0	171.0	-16.8	.519
96.2	10.13	8.43	288.0	-6.1	172.3	170.4	171.3	-18.1	.520
108.3	10.12	8.42	287.5	-6.0	171.9	170.1	171.0	-17.8	.519
124.2	10.12	8.42	287.4	-6.2	172.1	170.2	171.1	-18.4	.520
140.8	10.14	8.44	287.3	-6.3	171.7	169.8	170.7	-18.7	.519
163.4	10.13	8.44	288.5	-10.2	171.3	167.7	168.6	-30.2	.516
179.1	10.12	8.45	288.2	-10.4	170.8	167.1	168.0	-30.5	.515
195.3	10.12	8.46	288.5	-10.7	170.3	166.5	167.4	-31.4	.513
207.8	10.13	8.46	288.6	-10.1	170.8	167.3	168.2	-29.7	.515
221.1	10.13	8.46	288.9	-10.1	170.7	167.2	168.1	-29.8	.514
240.9	10.12	8.46	288.6	-10.2	170.4	166.9	167.8	-29.9	.513
252.9	10.12	8.45	288.7	-10.3	170.6	167.0	167.9	-30.4	.514
268.1	10.13	8.45	288.6	-10.4	171.0	167.3	168.3	-30.7	.515
284.3	10.12	8.44	289.3	-10.3	171.6	168.0	168.9	-30.5	.517
296.4	10.13	8.43	288.9	-10.2	172.3	168.7	169.6	-30.2	.519
312.3	10.12	8.43	288.6	-10.1	171.6	168.1	169.0	-29.9	.517
328.9	10.12	8.43	288.1	-10.0	171.3	167.9	168.8	-29.5	.517
335.3	10.15	8.43	287.9	-6.1	172.6	170.6	171.6	-18.4	.521
351.0	10.14	8.43	287.6	-6.0	172.5	170.6	171.6	-17.9	.521

(e-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.7	10.01	8.56	287.3	-13.7	158.7	151.8	154.3	-37.0	.478
20.0	9.98	8.56	286.9	-13.1	157.2	150.8	153.2	-35.0	.473
32.3	9.99	8.56	287.2	-10.8	158.2	153.0	155.5	-29.2	.476
51.7	9.99	8.56	287.2	-11.0	157.8	152.5	155.0	-29.6	.475
64.3	9.99	8.56	287.2	-11.1	158.0	152.6	155.1	-30.0	.476
79.6	10.00	8.56	287.2	-11.0	158.0	152.7	155.2	-29.7	.476
95.3	9.99	8.56	287.3	-11.3	157.9	152.4	154.9	-30.5	.475
108.7	10.00	8.56	287.6	-11.2	158.6	153.2	155.7	-30.3	.477
123.5	9.98	8.56	287.2	-11.7	157.3	151.6	154.1	-31.4	.473
139.0	9.96	8.56	287.4	-12.1	156.2	150.4	152.9	-32.2	.470
163.4	10.00	8.57	288.7	-17.9	158.4	148.5	150.9	-48.0	.475
180.0	10.06	8.57	288.7	-18.9	161.2	150.3	152.7	-51.5	.484
194.8	10.10	8.58	288.3	-19.1	162.4	151.3	153.8	-52.3	.489
208.1	10.10	8.58	288.4	-19.2	162.5	151.3	153.8	-52.6	.489
220.4	10.12	8.58	288.6	-18.4	163.2	152.6	155.1	-50.9	.491
239.8	10.12	8.57	289.0	-19.4	164.1	152.5	155.0	-53.8	.493
252.4	10.12	8.58	288.4	-19.6	163.6	151.9	154.4	-54.1	.492
267.7	10.12	8.57	288.4	-19.7	163.8	152.0	154.5	-54.4	.493
283.4	10.12	8.57	289.0	-19.7	164.1	152.2	154.7	-54.7	.493
296.8	10.11	8.56	289.2	-19.8	164.4	152.4	154.9	-54.9	.494
311.6	10.11	8.56	288.9	-19.4	164.0	152.5	155.0	-53.8	.493
327.1	10.10	8.55	288.8	-19.1	164.1	152.9	155.4	-52.9	.493
335.3	10.09	8.55	287.8	-13.9	163.5	156.3	158.8	-38.7	.492
351.9	10.08	8.56	287.2	-13.6	162.4	155.4	158.0	-37.5	.489

TABLE IV. - Continued.

(e) Continued.

(e-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	15.87	13.02	346.0	56.0	195.7	109.5	109.5	162.1	.540
20.1	15.86	13.01	345.8	54.6	195.2	113.1	113.1	159.1	.539
33.8	16.07	13.07	347.9	54.0	200.0	117.6	117.6	161.8	.551
49.4	16.01	13.13	346.8	53.6	195.9	116.3	116.3	157.7	.540
65.3	16.08	13.13	349.3	53.4	198.6	118.6	118.6	159.4	.546
77.6	16.00	13.17	345.7	52.3	193.8	118.4	118.4	153.4	.535
93.3	15.96	13.16	346.0	51.8	193.3	119.5	119.5	151.9	.533
110.2	16.13	13.19	347.2	51.4	197.6	123.3	123.3	154.3	.544
132.8	16.43	13.19	345.9	51.8	205.7	127.1	127.1	161.8	.569
148.7	16.51	13.16	347.2	51.4	209.1	130.4	130.4	163.5	.578
164.6	16.55	13.14	346.8	50.5	210.7	134.1	134.1	162.5	.583
177.9	16.53	13.13	346.0	51.7	210.6	130.5	130.5	165.3	.584
190.2	16.43	13.10	344.9	51.1	208.5	131.0	131.0	162.1	.578
208.1	16.41	13.08	343.9	52.3	208.3	127.5	127.5	164.8	.579
221.8	16.40	13.07	344.1	52.9	208.1	125.4	125.4	166.0	.578
237.4	16.49	13.06	344.9	53.4	211.4	125.9	125.9	169.8	.587
253.3	16.33	13.03	345.0	54.3	208.0	121.4	121.4	168.9	.577
265.6	16.22	13.02	343.2	54.7	204.7	118.4	118.4	167.0	.569
281.3	16.15	13.07	342.5	56.0	201.1	112.6	112.6	166.6	.559
298.2	16.04	13.04	342.6	56.9	199.0	108.8	108.8	166.6	.553
304.8	16.00	13.02	345.0	56.9	199.0	108.8	108.8	166.6	.550
320.7	16.06	12.99	344.7	57.4	201.8	108.7	108.7	170.0	.559
336.6	15.86	12.96	344.7	58.7	197.0	102.5	102.5	168.3	.545
349.9	16.23	12.99	347.2	57.9	207.3	110.3	110.3	175.5	.573

(e-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	15.93	12.90	343.3	50.9	200.6	126.4	126.4	155.8	.557
21.5	15.92	12.89	342.5	50.3	200.8	128.2	128.2	154.6	.558
34.1	15.73	12.88	340.3	51.6	194.9	121.2	121.2	152.7	.542
49.5	15.70	12.94	341.5	51.9	192.1	118.5	118.5	151.1	.533
65.2	15.91	12.96	343.5	50.6	198.4	125.8	125.8	153.3	.550
77.3	15.78	12.93	339.7	51.6	194.1	120.7	120.7	152.0	.541
93.4	15.92	12.97	342.2	50.1	197.8	126.9	126.9	151.7	.549
110.2	15.87	12.98	341.2	49.0	195.7	128.3	128.3	147.8	.544
133.0	16.22	13.02	339.9	48.6	204.0	134.9	134.9	153.0	.570
148.8	16.22	13.03	339.2	48.3	203.2	135.2	135.2	151.7	.568
165.0	16.31	13.00	341.3	47.3	207.3	140.5	140.5	152.4	.578
177.9	16.14	12.98	339.1	47.2	202.7	137.6	137.7	148.8	.566
190.7	16.17	12.95	338.6	47.0	204.6	139.6	139.6	149.6	.573
209.5	16.07	12.85	336.9	47.2	204.5	138.8	138.9	150.2	.574
222.1	16.23	12.85	337.3	47.7	209.3	140.9	140.9	154.7	.588
237.5	16.13	12.88	337.4	47.0	205.3	140.1	140.1	150.1	.576
253.2	16.16	12.89	337.0	48.1	205.9	137.5	137.5	153.3	.578
265.3	15.99	12.86	336.8	48.8	201.9	132.9	132.9	152.0	.566
281.4	16.08	12.89	337.3	49.3	203.9	132.9	132.9	154.7	.572
298.2	15.83	12.85	337.0	49.1	197.8	129.5	129.5	149.6	.554
305.0	15.66	12.84	339.5	51.8	194.1	119.9	119.9	152.6	.541
320.8	15.79	12.86	341.0	51.8	197.4	122.0	122.0	155.2	.549
337.0	15.61	12.82	341.7	52.7	193.8	117.4	117.4	154.2	.538
349.9	15.69	12.83	342.5	53.2	195.9	117.4	117.4	156.8	.543

TABLE IV. - Continued.

(e) Continued.

(e-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	15.70	12.62	340.1	50.6	203.0	128.8	128.9	156.9	.567
21.8	15.83	12.63	339.1	50.4	206.1	132.1	132.1	158.1	.577
34.2	15.72	12.65	339.1	51.0	202.5	127.5	127.5	157.3	.566
49.4	15.69	12.69	340.3	51.1	200.6	125.9	125.9	156.1	.559
65.1	15.98	12.67	341.7	50.9	209.8	132.2	132.3	162.8	.585
77.5	15.73	12.68	338.6	51.1	201.6	126.5	126.6	156.9	.564
93.2	15.84	12.72	338.3	51.7	203.2	126.0	126.0	159.5	.569
110.1	16.04	12.73	342.9	50.3	209.6	133.7	133.8	161.3	.584
133.0	16.20	12.75	336.9	47.1	211.6	144.0	144.1	154.9	.595
149.2	16.25	12.74	338.6	46.7	213.7	146.6	146.7	155.5	.600
164.8	16.22	12.75	337.7	46.2	212.3	146.9	147.0	153.2	.597
177.5	16.24	12.75	337.3	45.5	212.7	149.1	149.2	151.6	.598
190.5	16.08	12.72	336.1	45.5	209.3	146.6	146.7	149.4	.589
209.8	16.08	12.64	337.6	45.6	212.4	148.5	148.6	151.8	.597
222.2	15.98	12.66	334.9	46.2	208.1	143.9	144.0	150.3	.587
237.4	16.10	12.65	336.4	45.9	212.0	147.5	147.6	152.2	.597
253.1	16.07	12.62	336.5	45.8	212.1	147.8	147.9	152.1	.597
265.5	15.94	12.61	334.8	46.3	208.9	144.4	144.4	150.9	.589
281.2	16.13	12.62	336.9	46.1	214.2	148.4	148.5	154.3	.603
298.1	15.97	12.58	338.3	46.5	211.5	145.7	145.7	153.3	.594
305.0	15.65	12.56	340.9	49.3	204.0	132.9	132.9	154.8	.569
321.2	15.71	12.57	341.8	49.7	206.0	133.3	133.3	157.1	.574
336.8	15.58	12.53	341.3	48.4	203.4	135.0	135.0	152.1	.567
349.5	15.63	12.54	341.4	49.5	204.6	132.9	133.0	155.5	.570

(e-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	15.91	12.42	341.0	49.0	216.4	141.8	142.0	163.3	.606
21.8	15.85	12.41	340.4	50.0	214.9	138.0	138.2	164.5	.602
33.9	15.88	12.44	340.3	50.2	214.6	137.3	137.4	164.9	.601
50.0	15.87	12.45	341.9	49.9	214.5	138.0	138.2	164.1	.599
65.0	16.02	12.42	342.7	49.9	219.7	141.4	141.5	168.0	.614
77.6	15.82	12.45	342.1	49.2	213.3	139.2	139.3	161.5	.595
93.1	15.94	12.52	342.6	50.0	214.2	137.6	137.8	164.0	.597
110.1	16.05	12.54	341.9	49.2	216.3	141.4	141.5	163.6	.605
132.9	16.44	12.53	339.9	46.5	225.8	155.3	155.5	163.8	.635
140.5	16.43	12.52	339.3	45.7	225.9	157.7	157.9	161.6	.636
164.7	16.42	12.52	340.8	45.4	225.8	158.5	158.7	160.7	.634
177.6	16.47	12.51	340.2	45.4	227.2	159.4	159.6	161.8	.639
190.6	16.42	12.49	339.6	45.3	226.6	159.2	159.4	161.0	.638
209.8	16.34	12.47	337.3	45.8	224.4	156.3	156.5	160.9	.634
221.9	16.33	12.50	338.5	46.1	223.8	155.1	155.2	161.2	.630
238.0	16.30	12.47	339.2	45.7	224.0	156.2	156.4	160.3	.630
253.0	16.40	12.46	339.0	45.3	226.6	159.3	159.5	161.0	.639
265.6	16.27	12.45	339.4	45.5	224.0	156.8	157.0	159.7	.630
281.1	16.30	12.42	339.4	45.5	225.7	158.1	158.2	160.9	.635
298.1	16.33	12.40	340.5	46.4	227.4	156.8	156.9	164.6	.640
304.9	15.97	12.40	342.9	50.0	219.2	140.8	141.0	167.8	.612
312.5	15.88	12.42	341.1	50.5	215.6	137.0	137.1	166.4	.603
336.7	15.90	12.36	342.4	48.7	218.6	144.1	144.2	164.3	.611
349.6	15.96	12.36	343.0	48.3	220.1	146.4	146.6	164.1	.615

TABLE IV. - Continued.

(e) Continued.

(e-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.2	15.62	12.30	340.6	52.4	212.5	129.5	129.7	168.3	.594
20.4	15.63	12.29	340.7	52.9	213.1	128.4	128.6	170.0	.596
33.6	15.66	12.31	340.5	52.9	213.3	128.7	128.9	170.0	.597
49.2	15.78	12.33	342.3	53.1	216.5	129.9	130.2	172.9	.605
65.0	15.80	12.31	342.6	53.5	217.5	129.4	129.6	174.7	.608
77.8	15.74	12.33	341.3	53.3	214.7	128.2	128.5	172.1	.600
90.9	15.77	12.34	344.1	53.8	216.4	127.8	128.0	174.5	.603
93.2	15.82	12.34	343.4	53.4	217.5	129.4	129.7	174.6	.607
133.0	16.22	12.39	340.9	50.0	225.2	144.5	144.8	172.5	.632
148.5	16.28	12.39	342.1	50.1	227.0	145.5	145.8	174.1	.637
159.9	16.27	12.39	341.7	49.9	227.2	146.1	146.4	173.7	.638
177.6	16.29	12.36	342.6	49.8	228.5	147.3	147.6	174.4	.641
189.2	16.23	12.37	340.1	49.4	225.9	147.0	147.3	171.4	.635
208.4	16.21	12.34	341.0	50.0	226.6	145.4	145.7	173.5	.636
221.6	16.16	12.32	339.9	50.0	225.6	145.1	145.3	172.6	.635
237.2	16.08	12.36	340.7	49.8	222.8	143.6	143.9	170.2	.625
253.0	16.13	12.28	341.3	49.5	226.9	147.3	147.6	172.3	.637
265.8	16.13	12.28	339.6	49.0	216.1	148.3	148.5	170.5	.636
278.9	16.15	12.31	340.8	48.9	226.1	148.4	148.7	170.3	.635
281.2	16.16	12.32	340.3	49.2	225.8	147.5	147.7	170.7	.635
305.0	15.63	12.31	341.6	52.9	213.0	128.5	128.8	169.7	.595
320.5	15.67	12.32	341.0	52.6	213.0	129.4	129.7	169.0	.596
331.9	15.63	12.31	340.9	51.5	212.8	132.3	132.5	166.5	.595
349.6	15.70	12.25	343.2	52.3	217.1	132.7	133.0	171.5	.606

(e-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	15.56	12.19	334.4	45.0	212.6	150.2	150.7	150.0	.600
21.3	15.49	12.21	334.1	45.9	210.0	145.8	146.3	150.6	.593
33.8	15.52	12.23	333.1	47.0	209.7	142.8	143.2	153.1	.593
49.2	15.58	12.21	334.8	47.0	212.8	144.9	145.3	155.5	.601
64.6	15.66	12.19	335.3	46.7	215.8	147.8	148.2	156.8	.609
77.3	15.58	12.21	334.1	48.2	212.4	141.4	141.8	158.2	.600
92.6	15.65	12.23	336.6	48.5	214.4	141.9	142.4	160.3	.604
107.7	15.78	12.26	336.5	47.9	216.9	145.1	145.5	160.8	.611
120.4	16.19	12.29	333.5	46.6	225.3	154.5	155.0	163.5	.640
126.1	16.15	12.29	333.5	46.0	224.2	155.4	155.9	161.2	.637
164.7	16.15	12.28	336.2	45.9	225.3	156.6	157.1	161.6	.638
177.4	16.23	12.28	335.3	45.7	227.3	158.4	158.9	162.4	.644
190.6	16.12	12.26	335.5	46.0	225.1	156.2	156.7	161.7	.638
209.3	16.12	12.23	333.1	45.8	225.2	156.9	157.4	161.1	.641
221.8	16.00	12.27	333.3	45.0	221.0	156.0	156.5	156.1	.627
237.2	16.09	12.25	335.0	45.0	224.7	158.7	159.2	158.6	.637
252.6	16.19	12.22	333.8	44.6	227.4	161.8	162.3	159.3	.646
265.3	16.06	12.19	333.3	44.3	225.3	161.1	161.6	157.0	.641
280.6	16.00	12.22	334.3	44.5	223.0	158.7	159.2	156.1	.632
292.4	15.50	12.23	333.2	46.3	209.5	144.5	144.9	151.2	.592
295.7	16.10	12.22	334.0	45.6	225.5	157.5	158.0	160.9	.640
298.1	15.65	12.21	335.7	47.1	214.8	146.1	146.6	157.0	.606
336.7	15.56	12.17	333.4	45.7	212.8	148.5	149.0	152.0	.602
349.4	15.57	12.16	334.6	46.8	214.2	146.4	146.8	156.0	.605

TABLE IV. - Continued.

(e) Continued.

(e-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.9	15.35	12.08	332.4	43.4	210.3	152.5	153.2	144.1	.595
21.5	15.41	12.07	331.8	43.3	211.9	153.8	154.5	145.1	.601
34.3	15.36	12.05	332.3	43.3	211.0	153.3	154.0	144.3	.598
49.7	15.36	12.05	332.6	43.3	211.6	153.5	154.2	144.8	.599
64.9	15.41	12.04	332.9	43.5	213.5	154.4	155.1	146.7	.605
77.3	15.39	12.02	332.7	44.2	213.4	152.6	153.3	148.4	.605
93.1	15.41	12.06	335.6	45.8	213.7	148.8	149.5	152.7	.603
109.5	15.46	12.06	335.5	46.1	214.8	148.7	149.4	154.3	.606
132.4	15.70	12.10	332.7	42.2	218.9	161.7	162.4	146.8	.622
148.3	15.71	12.11	332.3	41.6	218.9	163.2	164.0	145.1	.622
164.3	15.68	12.13	332.6	41.9	217.5	161.4	162.2	145.0	.617
177.1	15.76	12.10	333.3	42.9	220.7	161.3	161.9	150.0	.626
189.9	15.80	12.06	333.5	43.1	223.0	162.6	163.3	151.9	.633
209.5	15.71	12.03	332.3	42.4	221.6	163.1	163.8	149.1	.630
222.3	15.68	12.06	331.8	41.6	219.3	163.5	164.3	145.4	.624
237.7	15.72	12.09	331.6	41.7	219.7	163.5	164.3	145.8	.625
252.9	15.68	12.06	331.6	41.2	219.3	164.5	165.3	144.0	.624
265.3	15.67	12.06	332.0	41.7	219.1	163.2	164.0	145.3	.623
281.1	15.68	12.08	331.3	41.2	218.6	164.0	164.8	143.7	.622
297.5	15.70	12.08	331.4	41.2	219.1	164.3	165.1	144.0	.623
304.4	15.39	12.09	332.3	44.3	211.0	150.7	151.5	146.9	.598
320.3	15.38	12.09	332.1	43.1	210.5	153.3	154.0	143.5	.596
336.3	15.34	12.08	332.0	43.2	209.9	152.7	153.5	143.2	.595
349.1	15.38	12.06	332.5	43.3	211.6	153.5	154.3	144.8	.599

(e-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	15.30	12.93	329.4	52.6	176.4	107.1	107.2	140.0	.497
21.9	15.32	12.94	329.7	52.7	176.8	107.0	107.1	140.7	.498
33.7	15.33	12.95	328.8	53.0	176.1	106.0	106.1	140.6	.496
49.7	15.32	12.98	329.7	52.7	175.1	106.2	106.3	139.2	.493
64.6	15.24	12.98	330.1	53.5	172.4	102.5	102.6	138.6	.485
77.8	15.34	12.97	328.5	52.7	175.9	106.6	106.7	139.9	.496
92.5	15.20	12.92	330.9	53.1	174.0	104.5	104.6	139.0	.488
110.7	15.37	12.97	329.7	53.2	177.0	105.9	106.0	141.8	.498
132.3	15.57	13.02	328.7	52.7	181.5	110.0	110.1	144.3	.513
149.0	15.59	13.02	330.1	53.4	182.3	108.7	108.8	146.3	.514
160.3	15.67	13.04	329.5	52.6	183.8	111.5	111.6	146.0	.519
178.0	15.68	13.02	330.8	52.5	185.5	113.0	113.1	147.1	.523
190.1	15.61	13.00	330.8	53.4	183.9	109.5	109.6	147.7	.518
209.9	15.57	12.99	330.2	53.3	183.1	109.4	109.5	146.7	.516
221.7	15.54	12.95	329.8	53.2	183.3	109.7	109.8	146.8	.517
237.7	15.57	12.93	329.9	52.8	185.0	111.9	112.0	147.2	.522
252.6	15.58	12.95	329.5	52.9	184.5	111.2	111.3	147.1	.521
265.8	15.58	12.96	330.0	52.5	184.3	112.1	112.2	146.2	.520
280.0	15.58	12.97	329.2	53.0	183.6	110.5	110.6	146.5	.518
298.7	15.59	12.95	329.2	52.7	184.6	111.8	111.9	146.8	.521
304.3	15.33	12.95	330.0	52.6	176.8	107.3	107.4	140.5	.498
321.0	15.33	12.96	330.1	52.3	176.1	107.7	107.8	139.3	.495
332.3	15.32	12.96	329.7	53.0	175.9	105.9	106.0	140.3	.495
350.0	15.31	12.94	329.7	52.6	176.4	107.1	107.2	140.2	.497

TABLE IV. - Continued.

(e) Continued.

(e-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.8	15.31	12.53	330.0	48.3	192.3	128.0	128.0	143.5	.543
20.7	15.33	12.51	329.3	48.3	193.3	128.5	128.5	144.4	.547
33.8	15.29	12.51	329.6	48.9	192.0	126.2	126.3	144.6	.543
49.4	15.30	12.55	329.5	48.7	190.7	125.9	126.0	143.1	.539
64.7	15.29	12.57	329.6	48.9	189.9	124.8	124.8	143.1	.537
77.2	15.24	12.58	330.5	48.5	188.2	124.6	124.6	141.0	.531
93.0	15.34	12.58	330.7	48.4	191.3	126.9	126.9	143.1	.540
110.0	15.40	12.60	329.0	48.7	191.7	126.6	126.6	143.9	.543
132.2	15.53	12.62	329.7	46.2	195.3	135.1	135.2	140.9	.553
148.4	15.58	12.62	330.2	46.0	196.7	136.6	136.7	141.5	.557
164.5	15.63	12.61	330.2	46.1	198.8	137.7	137.7	143.3	.563
176.5	15.64	12.57	330.2	45.7	200.3	139.8	139.9	143.4	.567
189.8	15.65	12.56	330.1	46.6	201.2	138.3	138.3	146.1	.570
208.7	15.55	12.57	330.0	46.1	198.0	137.2	137.2	142.6	.560
221.8	15.56	12.53	329.1	47.1	199.2	135.6	135.7	145.9	.565
237.4	15.58	12.52	329.1	46.0	200.2	138.9	139.0	144.1	.568
252.7	15.58	12.54	329.9	46.3	199.8	138.0	138.1	144.5	.566
265.2	15.58	12.55	329.2	45.8	198.9	138.8	138.8	142.5	.564
281.0	15.54	12.57	329.4	45.6	197.1	138.0	138.0	140.7	.558
298.0	15.59	12.54	329.7	45.9	200.0	139.2	139.2	143.6	.567
304.2	15.36	12.53	329.5	48.2	193.5	128.9	128.9	144.3	.547
320.4	15.34	12.54	329.6	48.3	192.4	128.0	128.1	143.7	.544
336.5	15.37	12.54	329.5	48.6	193.2	127.9	127.9	144.9	.547
348.5	15.33	12.54	330.3	48.1	192.4	128.4	128.4	143.3	.544

(e-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	15.48	11.56	330.8	43.6	230.8	167.1	167.3	159.1	.660
22.1	15.53	11.57	331.4	43.6	231.9	168.0	168.1	159.7	.663
34.1	15.53	11.55	331.2	44.3	232.3	166.1	166.3	162.2	.664
49.3	15.53	11.54	331.2	44.6	232.5	165.6	165.8	163.1	.665
65.5	15.44	11.55	331.6	44.2	230.4	165.2	165.3	160.5	.658
77.6	15.44	11.54	332.1	43.6	230.8	167.1	167.3	159.0	.659
93.5	15.48	11.54	331.5	43.5	231.7	168.1	168.3	159.3	.662
110.1	15.47	11.58	331.2	43.5	229.9	166.7	166.8	158.2	.657
132.6	15.73	11.59	329.8	40.5	235.3	178.7	178.8	152.8	.675
148.3	15.74	11.59	329.6	40.2	235.6	179.9	180.1	151.9	.677
164.5	15.78	11.58	330.7	39.9	237.1	181.9	182.1	151.9	.680
177.0	15.74	11.57	330.7	40.0	236.4	181.0	181.2	151.8	.678
190.3	15.79	11.55	331.1	39.9	238.5	183.0	183.1	152.8	.684
210.1	15.74	11.55	329.8	40.8	236.8	179.1	179.3	154.8	.680
222.1	15.70	11.55	330.2	40.7	236.0	178.7	178.9	153.9	.677
237.3	15.66	11.55	329.8	40.4	234.9	178.7	178.9	152.1	.674
253.5	15.66	11.57	330.9	40.3	234.9	179.0	179.2	151.9	.673
265.6	15.74	11.57	330.3	40.6	236.2	179.3	179.5	153.6	.678
281.5	15.70	11.58	329.4	40.2	234.8	179.1	179.3	151.6	.674
298.1	15.77	11.58	329.2	40.3	236.1	180.0	180.1	152.6	.678
304.6	15.50	11.58	331.0	44.9	230.4	163.0	163.2	162.6	.659
320.3	15.50	11.58	331.8	44.7	230.9	164.1	164.3	162.3	.659
336.5	15.50	11.56	330.6	44.0	231.1	166.2	166.3	160.4	.661
349.0	15.48	11.55	331.0	44.4	231.1	165.1	165.3	161.6	.661

TABLE IV. - Continued.

(e) Continued.

(e-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	15.56	10.79	336.9	48.1	259.4	172.3	174.0	192.3	.743
21.0	15.56	10.78	337.3	47.8	259.7	173.6	175.3	191.6	.743
33.6	15.59	10.74	336.7	47.9	261.3	174.4	176.2	192.9	.749
48.9	15.58	10.67	336.7	47.8	263.3	176.1	177.9	194.1	.756
64.6	15.53	10.66	335.6	47.9	262.0	174.9	176.7	193.4	.753
78.0	15.56	10.66	335.9	47.8	262.8	175.7	177.5	193.8	.755
92.8	15.60	10.68	335.3	47.8	263.0	175.7	177.5	194.0	.756
108.3	15.62	10.70	336.8	48.0	263.5	175.4	177.2	194.7	.755
132.6	15.56	10.71	334.1	42.7	260.5	190.5	192.5	175.5	.750
149.2	15.54	10.70	333.4	42.5	260.2	190.8	192.8	174.8	.750
164.0	15.63	10.68	334.0	42.5	263.0	193.0	194.9	176.6	.758
177.3	15.61	10.68	334.1	41.4	262.7	195.3	197.8	172.9	.757
189.6	15.66	10.67	334.2	41.7	264.2	196.2	198.2	174.7	.762
209.0	15.62	10.71	333.5	42.2	261.6	192.8	194.8	174.6	.754
221.6	15.66	10.78	333.6	41.8	260.3	193.0	194.9	172.6	.750
236.9	15.65	10.81	333.6	41.5	259.4	193.1	195.0	171.1	.747
252.6	15.64	10.80	335.0	41.7	259.7	192.9	194.9	171.7	.746
266.0	15.72	10.80	335.2	41.9	261.7	193.8	195.7	173.6	.752
280.8	15.69	10.81	332.9	41.6	259.6	193.1	195.1	171.3	.749
296.3	15.73	10.80	334.0	41.7	261.4	194.2	196.2	172.8	.753
304.6	15.61	10.79	336.3	47.9	260.2	173.7	175.4	192.1	.746
321.2	15.62	10.81	337.4	47.4	260.3	175.4	177.2	190.7	.745
336.0	15.59	10.80	336.9	47.4	259.5	174.7	176.5	190.2	.743
349.3	15.56	10.80	336.8	47.9	258.9	172.6	174.4	191.4	.742

(e-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	15.76	12.76	344.9	-0	201.5	200.8	201.5	-1	.558
23.0	15.76	12.75	345.5	-.7	201.8	201.1	201.8	-2.6	.558
36.3	15.71	12.72	344.9	-1.0	201.3	200.6	201.3	-3.5	.557
48.6	15.82	12.72	345.4	-1.1	205.0	204.2	204.9	-4.0	.568
66.5	15.55	12.74	344.7	-1.8	195.7	194.9	195.6	-6.1	.541
80.2	15.63	12.77	345.9	-1.6	197.6	196.8	197.5	-5.4	.546
95.8	15.44	12.75	343.9	-1.8	191.6	190.8	191.5	-6.0	.530
111.7	15.45	12.74	344.0	-1.8	192.5	191.7	192.4	-6.2	.532
124.0	15.67	12.77	344.2	-1.7	198.2	197.4	198.1	-5.8	.549
139.7	15.75	12.78	343.5	-1.4	199.8	199.0	199.7	-4.9	.554
156.6	15.76	12.77	340.8	-1.5	199.7	199.0	199.7	-5.2	.556
171.2	15.84	12.77	343.4	.7	202.7	202.0	202.7	2.3	.563
187.1	15.82	12.79	342.3	.7	201.0	200.3	201.0	2.4	.559
203.0	15.83	12.76	341.3	.6	202.2	201.5	202.2	2.1	.563
216.3	15.81	12.77	340.2	.6	201.0	200.3	201.0	2.2	.561
228.6	15.71	12.79	338.9	.4	197.2	196.5	197.2	1.4	.550
246.5	15.66	12.79	338.4	.3	195.7	195.0	195.7	1.0	.546
260.2	15.75	12.79	339.0	.4	193.2	197.5	198.2	1.4	.553
275.8	15.79	12.78	339.7	.3	200.1	199.4	200.1	.9	.558
291.7	15.79	12.77	339.5	.3	200.4	199.7	200.4	1.2	.559
304.0	15.76	12.78	339.2	.2	199.0	198.3	199.0	.7	.556
319.7	15.81	12.78	339.5	.5	200.6	199.9	200.6	1.7	.560
336.6	15.77	12.78	340.7	.4	199.8	199.1	199.8	1.4	.557
351.2	15.80	12.77	343.8	-.2	202.0	201.3	202.0	-.7	.560

TABLE IV. - Continued.

(e) Continued.

(e-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	15.83	12.74	342.9	-1.8	203.5	202.7	203.4	-6.3	.566
23.4	15.83	12.76	343.6	-2.0	203.1	202.2	203.0	-7.0	.564
36.3	15.68	12.74	341.2	-2.9	198.8	197.8	198.5	-10.0	.553
49.1	15.90	12.72	343.0	-2.6	206.1	205.1	205.9	-9.5	.573
67.9	15.66	12.77	342.9	-2.7	197.5	196.6	197.3	-9.3	.548
80.5	15.76	12.79	344.4	-3.0	200.4	199.4	200.1	-10.4	.555
95.9	15.68	12.78	342.2	-2.4	197.7	196.8	197.5	-8.3	.549
111.6	15.83	12.78	342.8	-2.5	202.2	201.3	202.0	-8.7	.562
123.7	15.87	12.78	342.9	-2.6	203.2	202.2	202.9	-9.3	.564
139.8	15.89	12.80	341.2	-2.9	202.7	201.7	202.4	-10.2	.565
156.6	15.92	12.78	339.3	-2.8	203.6	202.7	203.4	-9.8	.569
171.4	15.88	12.78	340.0	-.9	202.8	202.0	202.8	-3.3	.566
187.2	15.84	12.79	339.9	-.9	201.2	200.5	201.2	-3.2	.561
203.4	15.84	12.78	339.0	-1.0	201.3	200.5	201.3	-3.5	.562
216.3	15.79	12.80	337.5	-1.2	198.5	197.7	198.4	-4.0	.555
229.1	15.76	12.80	336.3	-1.3	197.3	196.5	197.2	-4.3	.553
247.9	15.71	12.79	336.4	-1.2	196.6	195.9	196.6	-4.3	.551
260.5	15.82	12.78	338.0	-1.4	200.5	199.7	200.5	-4.9	.561
275.9	15.80	12.77	337.4	-1.5	199.9	199.1	199.8	-5.3	.560
291.6	15.79	12.76	336.6	-1.8	199.8	199.0	199.7	-6.4	.560
303.7	15.78	12.76	337.9	-1.8	199.9	199.1	199.8	-6.3	.559
319.8	15.81	12.76	337.0	-2.0	200.5	199.7	200.4	-7.0	.562
336.6	15.75	12.75	338.4	-1.9	199.6	198.8	199.5	-6.7	.558
351.4	15.80	12.75	341.7	-2.4	202.2	201.3	202.1	-8.3	.563

(e-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	15.91	12.73	341.4	-4.0	205.5	204.3	205.0	-14.1	.573
23.2	15.94	12.74	341.0	-3.8	206.3	205.0	205.8	-13.6	.575
35.9	15.82	12.74	338.6	-3.5	201.9	200.8	201.5	-12.2	.565
48.9	15.92	12.74	341.4	-3.8	205.7	204.5	205.3	-13.7	.573
68.2	15.93	12.81	340.2	-3.3	203.3	202.2	203.0	-11.5	.567
80.6	15.96	12.84	340.7	-3.7	203.1	201.9	202.7	-12.9	.566
95.8	16.00	12.83	339.7	-3.4	204.2	203.1	203.9	-12.0	.570
111.5	16.03	12.80	340.7	-3.6	206.5	205.3	206.1	-12.8	.576
123.9	16.08	12.80	340.7	-3.5	207.6	206.5	207.2	-12.5	.580
139.6	16.07	12.82	340.9	-3.6	206.9	205.7	206.5	-12.8	.577
156.5	16.12	12.82	340.1	-3.3	208.1	206.9	207.7	-12.0	.582
171.4	15.93	12.82	338.3	-2.2	202.3	201.4	202.2	-7.6	.566
187.6	15.94	12.82	337.9	-2.4	202.3	201.4	202.2	-8.6	.566
203.2	15.90	12.83	336.5	-2.7	200.3	199.4	200.1	-9.4	.562
215.9	15.84	12.83	335.6	-2.7	198.5	197.5	198.2	-9.4	.557
228.9	15.81	12.83	334.9	-2.7	197.3	196.4	197.1	-9.1	.554
248.2	15.81	12.77	335.1	-2.4	199.8	198.8	199.6	-8.4	.561
260.6	15.84	12.75	336.3	-2.5	201.8	200.8	201.6	-8.6	.566
275.8	15.88	12.73	336.4	-2.5	203.4	202.4	203.2	-8.8	.571
291.5	15.82	12.71	336.8	-2.5	202.7	201.8	202.5	-8.9	.569
303.9	15.86	12.71	336.9	-2.6	203.6	202.6	203.4	-9.3	.571
319.6	15.86	12.73	336.9	-2.6	202.9	201.9	202.7	-9.1	.569
336.5	15.80	12.73	338.8	-2.6	201.9	200.9	201.7	-9.0	.564
351.4	15.86	12.73	341.2	-4.1	204.5	203.2	204.0	-14.5	.570

TABLE IV. - Continued.

(e) Continued.

(e-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
23.1	15.84	12.66	338.4	-3.2	205.4	204.3	205.1	-11.6	.575
36.0	15.80	12.64	337.6	-2.6	204.8	203.8	204.6	-9.2	.574
49.0	15.83	12.63	337.9	-3.0	206.2	205.1	205.9	-10.6	.578
68.2	15.79	12.74	337.6	-2.6	200.9	199.9	200.7	-9.2	.563
80.3	15.79	12.76	336.9	-2.9	199.9	198.9	199.7	-10.0	.560
96.4	15.85	12.78	337.5	-2.5	201.1	200.1	200.9	-8.9	.563
111.4	15.86	12.77	338.3	-2.9	201.9	200.8	201.6	-10.3	.565
124.0	15.96	12.76	339.0	-2.7	205.4	204.4	205.2	-9.6	.575
139.5	15.91	12.75	337.8	-2.8	204.0	203.0	203.8	-10.1	.572
156.5	15.95	12.74	337.9	-2.8	205.3	204.2	205.0	-9.8	.575
171.3	16.00	12.76	338.1	-1.6	206.2	205.3	206.2	-5.7	.578
178.9	15.98	12.76	338.1	-1.5	205.7	204.8	205.6	-5.4	.576
203.1	15.98	12.77	337.9	-1.5	205.5	204.6	205.4	-5.4	.576
216.0	15.95	12.76	337.0	-1.5	204.6	203.7	204.5	-5.2	.574
229.0	15.92	12.75	336.3	-1.4	203.7	202.8	203.6	-4.9	.572
248.2	15.83	12.70	336.0	-1.3	202.8	201.9	202.7	-4.8	.569
260.3	15.86	12.66	336.3	-1.4	205.4	204.5	205.4	-4.9	.577
276.4	15.87	12.67	336.0	-1.4	205.0	204.1	204.9	-4.8	.576
291.4	15.85	12.66	336.6	-1.3	204.9	204.0	204.8	-4.7	.575
304.0	15.81	12.65	336.0	-1.4	204.2	203.3	204.1	-4.8	.574
319.5	15.87	12.64	336.5	-1.2	206.0	205.2	206.0	-4.3	.579
336.5	15.76	12.64	336.8	-1.6	203.3	202.4	203.3	-5.7	.570
351.3	15.78	12.66	338.3	-3.3	203.8	202.7	203.5	-11.7	.571
358.9	15.79	12.66	337.5	-3.1	203.4	202.3	203.1	-11.0	.570

(e-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	15.72	12.62	336.1	-3.9	202.7	201.4	202.2	-13.8	.569
18.3	15.66	12.61	334.7	-3.7	200.9	199.6	200.5	-12.8	.565
36.0	15.68	12.61	335.5	-3.6	201.9	200.7	201.5	-12.8	.567
47.6	15.72	12.62	335.3	-3.7	202.4	201.2	202.0	-13.0	.569
66.8	15.70	12.71	335.2	-3.7	198.8	197.6	198.4	-12.8	.558
80.0	15.68	12.73	334.6	-3.7	197.0	195.8	196.6	-12.7	.554
95.6	15.76	12.74	335.2	-3.7	199.4	198.2	199.0	-12.7	.560
111.4	15.82	12.73	336.1	-3.7	201.8	200.5	201.4	-12.8	.566
124.2	15.83	12.72	336.1	-3.6	202.4	201.2	202.1	-12.5	.568
137.3	15.80	12.72	336.4	-3.4	201.5	200.3	201.1	-12.0	.565
139.6	15.62	12.73	335.5	-3.5	201.5	200.3	201.2	-12.2	.566
171.4	15.89	12.72	336.4	-2.0	203.9	203.0	203.8	-7.2	.573
186.9	15.88	12.73	336.3	-1.9	203.4	202.5	203.3	-6.8	.571
198.3	15.89	12.72	336.1	-1.7	204.0	203.0	203.9	-5.9	.573
216.0	15.89	12.74	336.2	-1.7	203.0	202.1	202.9	-5.9	.570
227.6	15.84	12.69	334.8	-1.7	203.1	202.1	203.0	-6.1	.571
246.8	15.73	12.63	334.6	-1.9	202.3	201.3	202.2	-6.5	.569
260.0	15.72	12.61	334.8	-2.0	202.7	201.7	202.5	-7.1	.570
275.6	15.77	12.62	335.1	-2.0	203.7	202.7	203.6	-7.0	.573
291.4	15.72	12.61	334.3	-2.0	202.4	201.4	202.3	-6.9	.570
304.2	15.72	12.60	334.3	-2.1	202.6	201.6	202.4	-7.2	.570
317.3	15.73	12.61	334.1	-2.0	202.6	201.6	202.5	-7.2	.571
319.6	15.76	12.62	333.9	-2.0	203.2	202.3	203.1	-6.9	.573
351.4	15.67	12.61	335.4	-3.8	201.4	200.1	201.0	-13.5	.566

TABLE IV. - Continued.

(e) Continued.

(e-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
23.1	15.57	12.55	332.7	-3.7	199.9	198.7	199.5	-12.9	.564
35.8	15.53	12.57	332.6	-3.7	198.0	196.7	197.6	-12.9	.558
49.0	15.58	12.58	332.8	-3.7	198.9	197.6	198.5	-12.9	.561
67.7	15.54	12.70	332.2	-3.7	193.3	192.0	192.9	-12.5	.545
80.2	15.52	12.69	332.1	-3.7	192.9	191.7	192.5	-12.5	.544
95.6	15.59	12.68	332.6	-3.6	195.8	194.6	195.4	-12.3	.552
111.0	15.55	12.68	332.6	-3.7	194.7	193.4	194.3	-12.4	.548
123.7	15.63	12.68	333.7	-3.6	197.3	196.0	196.9	-12.2	.555
139.0	15.71	12.66	333.6	-3.6	200.4	199.1	200.0	-12.6	.564
154.1	15.72	12.65	332.7	-3.7	200.6	199.3	200.2	-12.8	.566
158.8	15.64	12.66	332.8	-2.8	198.2	197.1	197.9	-9.5	.559
164.5	15.76	12.66	334.3	-2.7	201.9	200.8	201.7	-9.6	.568
203.1	15.71	12.66	333.9	-2.8	200.2	199.0	199.9	-9.8	.564
215.8	15.70	12.70	333.5	-2.7	198.4	197.3	198.2	-9.3	.559
229.0	15.66	12.72	332.2	-3.0	196.1	195.0	195.8	-10.1	.553
247.7	15.58	12.57	332.1	-3.1	199.1	197.9	198.8	-10.8	.562
260.2	15.57	12.56	332.2	-3.1	199.2	198.0	198.9	-10.8	.562
275.6	15.62	12.55	332.2	-3.1	201.2	200.0	200.9	-10.7	.568
291.0	15.54	12.55	332.0	-3.2	198.5	197.4	198.2	-11.0	.560
303.7	15.53	12.56	331.4	-3.1	197.9	196.8	197.6	-10.8	.559
319.0	15.63	12.54	331.3	-3.2	201.4	200.2	201.1	-11.1	.569
334.1	15.60	12.54	331.9	-3.2	200.7	199.6	200.4	-11.0	.567
338.8	15.55	12.55	333.3	-3.7	199.7	198.4	199.3	-12.8	.563
344.5	15.58	12.54	334.2	-3.8	201.0	199.7	200.5	-13.3	.566

(e-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.7	15.14	12.33	328.9	-2.5	194.0	192.9	193.8	-8.4	.550
22.7	15.13	12.32	328.8	-2.5	194.1	192.9	193.9	-8.4	.550
35.5	15.13	12.31	328.9	-2.3	194.2	193.2	194.1	-7.9	.550
48.3	15.12	12.32	328.4	-2.5	193.6	192.5	193.4	-8.4	.549
67.9	15.13	12.42	328.2	-2.3	190.2	189.1	190.1	-7.5	.539
80.7	15.15	12.44	328.3	-2.3	190.1	189.0	189.9	-7.7	.538
96.1	15.15	12.43	328.5	-2.3	190.3	189.2	190.2	-7.6	.539
111.3	15.16	12.43	329.5	-2.1	191.0	190.0	190.9	-7.1	.540
123.7	15.22	12.42	329.2	-2.3	193.0	191.9	192.8	-7.7	.546
139.5	15.20	12.41	329.4	-2.2	192.8	191.8	192.7	-7.4	.546
155.9	15.23	12.42	329.3	-2.1	193.7	192.6	193.6	-7.1	.548
170.8	15.36	12.43	330.1	-3.3	197.1	195.8	196.7	-11.2	.558
186.7	15.36	12.44	330.0	-3.1	196.9	195.7	196.7	-10.6	.557
202.7	15.37	12.43	330.3	-2.9	197.7	196.5	197.4	-9.9	.559
215.5	15.34	12.43	329.3	-2.8	196.4	195.2	196.2	-9.5	.556
228.3	15.29	12.44	329.1	-2.8	194.3	193.2	194.1	-9.4	.550
247.9	15.27	12.38	328.5	-2.7	196.2	195.0	196.0	-9.2	.556
260.7	15.28	12.34	328.9	-2.6	197.7	196.5	197.4	-9.0	.561
276.1	15.28	12.34	329.0	-2.4	198.0	196.9	197.8	-8.4	.562
291.3	15.23	12.33	328.8	-2.4	196.5	195.4	196.4	-8.3	.557
303.7	15.28	12.33	328.9	-2.6	198.4	197.3	198.2	-9.0	.563
319.5	15.26	12.32	328.3	-2.4	197.7	196.6	197.6	-8.2	.561
335.9	15.29	12.33	328.8	-2.6	198.3	197.2	198.1	-8.8	.563
350.8	15.14	12.34	328.8	-2.5	193.6	192.5	193.4	-8.3	.548

TABLE IV. - Continued.

(e) Concluded.

(e-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.6	15.47	12.86	325.1	15.0	183.1	175.3	177.0	46.9	.520
24.9	15.48	12.76	325.3	15.0	187.4	179.4	181.1	48.0	.533
42.8	15.50	12.77	325.6	15.0	187.5	179.5	181.3	48.1	.533
56.5	15.45	12.73	325.8	15.0	187.8	179.8	181.6	48.2	.534
72.1	15.43	12.72	326.0	15.0	187.7	179.7	181.5	48.1	.533
68.0	15.36	12.75	326.2	15.0	184.3	176.4	178.1	47.2	.523
100.3	15.41	12.66	326.4	15.0	189.2	181.1	182.8	48.5	.537
116.0	15.40	12.78	326.6	15.0	184.3	176.4	178.1	47.2	.522
132.9	15.47	12.78	326.8	15.0	186.9	178.6	180.6	47.9	.530
327.5	15.49	12.80	324.5	15.0	185.9	177.5	179.7	47.6	.529
343.4	15.48	12.79	324.8	15.0	185.9	178.0	179.7	47.7	.529
359.3	15.49	12.78	325.0	15.0	186.8	178.8	180.5	47.9	.531

(e-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.4	15.43	12.44	326.3	12.0	197.9	192.1	193.6	40.7	.564
73.3	15.38	12.43	326.4	12.0	196.7	191.0	192.5	40.5	.560
89.2	15.37	12.46	326.5	12.0	195.6	189.9	191.4	40.2	.556
102.5	15.32	12.40	326.6	11.9	196.1	190.4	191.9	40.1	.558
114.8	15.36	12.47	326.7	12.0	194.8	189.1	190.6	40.1	.554
132.7	15.37	12.46	326.9	12.0	195.7	190.0	191.5	40.3	.556
146.4	15.34	12.42	327.0	11.9	196.2	190.5	192.0	40.1	.558
162.0	15.36	12.41	326.6	11.9	196.8	191.1	192.7	40.2	.560
177.9	15.31	12.41	326.0	11.9	195.5	189.9	191.4	40.2	.557
190.2	15.43	12.44	326.2	11.9	197.6	191.9	193.4	40.4	.563
205.9	15.34	12.38	326.5	11.8	197.2	191.6	193.1	40.2	.561
222.8	15.26	12.39	326.1	11.9	194.7	189.1	190.6	39.7	.554

(e-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.9	15.16	12.19	331.6	6.8	200.5	197.7	199.2	23.6	.567
29.8	15.09	12.14	331.9	6.8	200.3	197.4	198.9	23.5	.566
224.4	15.23	12.18	331.2	6.8	203.1	200.1	201.6	23.9	.575
240.3	15.21	12.18	331.5	6.8	202.5	199.6	201.1	23.9	.573
256.2	15.15	12.18	330.3	6.8	200.5	197.6	199.1	23.6	.568
269.5	15.13	12.18	331.4	6.8	199.9	197.0	198.5	23.6	.565
281.8	15.13	12.11	331.5	6.8	202.5	199.6	201.1	23.8	.573
299.7	15.15	12.15	330.6	6.8	201.3	198.4	199.9	23.7	.570
313.4	15.17	12.16	330.6	6.8	201.6	198.7	200.2	23.7	.571
329.0	15.12	12.14	330.9	6.8	201.2	198.3	199.8	23.6	.570
344.9	15.13	12.13	331.1	6.8	201.6	198.7	200.2	23.7	.570
357.2	15.13	12.15	331.3	6.8	201.2	198.3	199.8	23.6	.569

TABLE IV. - Continued.

(f) 90 Percent of design speed; reading 979-1253

(f-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.2	9.45	8.75	287.6	-9.8	111.5	109.8	109.8	-19.0	.332
24.6	9.71	8.78	288.1	-5.3	128.1	127.6	127.6	-11.9	.382
36.7	9.99	8.78	289.6	-10.3	144.8	142.5	142.5	-25.9	.432
56.0	9.68	8.82	288.4	-17.4	123.5	117.9	117.9	-36.9	.368
69.3	9.71	8.88	288.5	-15.1	120.8	116.7	116.7	-31.5	.359
84.3	9.86	8.94	288.3	-12.9	126.3	123.1	123.1	-28.3	.376
100.2	9.87	8.95	288.0	-12.9	126.2	123.1	123.1	-28.2	.376
112.2	9.90	8.98	287.2	-10.7	125.7	123.5	123.5	-23.2	.375
128.3	9.91	9.00	287.2	-7.6	125.2	124.1	124.1	-16.6	.374
145.4	10.00	9.00	288.2	-6.4	131.3	130.5	130.5	-14.7	.392
163.3	10.05	9.03	287.7	-7.1	132.2	131.2	131.2	-16.4	.395
178.6	10.07	9.03	287.3	-3.3	132.7	132.5	132.5	-7.6	.397
194.2	10.11	9.03	287.6	1.3	135.5	135.5	135.5	3.1	.405
207.6	10.09	9.02	287.6	5.3	134.9	134.3	134.3	12.3	.403
219.7	9.95	9.00	287.7	6.2	127.6	126.9	126.9	13.7	.381
239.0	9.90	8.97	287.6	6.2	126.5	125.8	125.8	13.6	.377
252.3	9.83	8.93	287.6	8.7	125.4	123.9	123.9	19.0	.374
267.3	9.80	8.89	287.7	9.3	125.8	124.1	124.1	20.3	.375
283.2	9.73	8.86	287.0	10.7	123.5	121.4	121.4	22.9	.369
295.2	9.66	8.83	286.7	13.4	120.8	117.5	117.5	27.9	.360
311.3	9.51	8.80	286.0	14.2	111.9	108.5	108.5	27.5	.334
328.4	9.66	8.77	287.0	10.3	125.2	123.2	123.2	22.5	.374
340.3	9.62	8.75	287.7	3.1	123.6	123.5	123.5	6.8	.369
355.6	9.78	8.74	288.8	-2.0	135.0	134.9	134.9	-4.8	.403

(f-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.3	9.43	8.77	288.0	.3	108.5	108.5	108.5	.6	.322
24.3	10.13	8.78	288.6	-2.5	152.0	151.8	151.8	-6.7	.455
36.7	9.97	8.79	289.7	-8.6	143.1	141.4	141.4	-21.5	.428
56.4	9.81	8.82	288.0	-10.5	131.9	129.7	129.7	-24.0	.394
69.1	9.84	8.90	287.9	-9.9	128.3	126.3	126.3	-22.1	.383
79.7	9.85	8.93	287.6	-10.7	126.3	124.1	124.1	-23.4	.377
100.1	9.97	8.94	287.4	-8.9	133.5	131.9	131.9	-20.6	.399
112.5	9.90	8.96	287.4	-12.1	127.5	124.6	124.6	-26.7	.381
128.3	9.90	9.01	287.0	-6.8	124.2	123.3	123.3	-14.8	.371
142.8	10.07	9.01	286.9	-6.4	134.3	133.4	133.4	-14.9	.402
162.1	10.10	9.04	288.2	-5.9	134.5	133.8	133.8	-13.8	.402
178.2	10.06	9.04	287.3	-3.6	131.7	131.5	131.5	-8.2	.394
194.3	10.16	9.05	288.1	-1.1	137.1	137.1	137.1	-1.2	.410
207.3	10.15	9.04	287.6	2.2	136.7	136.6	136.6	5.3	.409
219.7	10.12	9.01	287.0	5.4	137.0	136.4	136.4	12.8	.410
239.4	9.99	8.98	287.3	6.4	131.4	130.6	130.6	14.6	.393
252.1	9.88	8.94	286.9	4.7	127.7	127.3	127.3	10.4	.382
262.7	9.85	8.91	287.1	6.8	128.0	127.1	127.1	15.2	.382
283.1	9.82	8.88	287.2	7.5	128.0	126.9	126.9	16.7	.382
295.5	9.85	8.85	286.5	6.4	132.1	131.3	131.3	14.8	.395
311.3	9.57	8.81	286.6	5.1	116.0	115.6	115.6	10.4	.346
325.8	9.64	8.79	286.5	3.2	122.6	122.4	122.4	6.7	.366
339.1	9.87	8.77	289.7	.1	138.6	138.6	138.6	.2	.413
355.2	9.74	8.76	287.9	-4.8	131.4	131.0	131.0	-10.9	.392

TABLE IV. - Continued.

(f) Continued.

(f-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	9.53	8.77	287.1	-2.4	116.6	116.5	116.5	-4.8	.347
23.6	10.19	8.78	289.2	-1.7	155.9	155.8	155.9	-4.5	.467
31.6	9.66	8.77	287.3	-.1	124.8	124.8	124.8	-.2	.372
56.2	9.80	8.82	288.0	-2.4	130.9	130.7	130.8	-5.6	.391
68.2	10.16	8.91	288.5	-1.2	145.6	145.6	145.6	-3.0	.436
84.2	9.93	8.94	288.3	-2.2	130.6	130.5	130.5	-5.0	.390
100.4	10.04	8.97	288.0	-4.6	135.1	134.6	134.7	-10.8	.403
111.5	10.05	8.98	287.8	-1.8	134.8	134.7	134.8	-4.2	.403
128.3	10.04	9.01	286.8	-4.2	132.5	132.1	132.1	-9.7	.396
142.8	10.11	9.02	287.2	-3.7	135.9	135.6	135.6	-8.9	.407
163.3	9.98	9.04	286.9	-2.1	126.5	126.4	126.4	-4.6	.378
178.9	10.18	9.06	287.0	-2.0	137.6	137.5	137.5	-4.8	.412
194.5	10.21	9.06	287.3	1.1	139.0	138.9	138.9	2.7	.416
206.6	10.19	9.06	287.6	1.4	138.4	138.3	138.4	3.5	.414
214.6	10.07	9.04	287.3	1.5	132.2	132.1	132.1	3.5	.395
239.2	10.03	8.99	287.3	1.7	133.3	133.3	133.3	3.9	.399
251.2	10.01	8.95	287.1	2.0	134.7	134.6	134.6	4.6	.403
267.2	10.02	8.90	288.1	2.9	138.7	138.5	138.5	6.9	.415
283.4	10.08	8.88	287.8	-1.2	143.4	143.4	143.4	-2.9	.429
294.5	10.16	8.86	287.9	-1.9	149.4	149.3	149.3	-5.0	.448
311.3	10.12	8.82	287.3	-1.5	149.0	149.0	149.0	-3.9	.447
325.8	9.72	8.81	286.0	-3.0	126.4	126.2	126.2	-6.5	.378
340.3	10.16	8.79	289.5	-2.4	153.2	153.0	153.1	-6.4	.459
355.9	9.64	8.77	286.8	-1.9	123.9	123.8	123.8	-4.2	.370

(f-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.1	10.18	8.73	288.7	1.1	154.9	154.9	154.9	2.9	.465
24.6	10.20	8.78	288.9	-1.5	156.1	156.0	156.0	-3.9	.468
36.6	10.09	8.79	288.9	.1	150.0	150.0	150.0	.2	.449
55.8	10.20	8.81	288.2	.7	153.9	153.8	153.8	1.9	.462
69.3	10.20	8.93	288.6	1.2	146.7	146.6	146.7	3.1	.439
84.2	10.05	8.94	289.0	.9	138.7	138.6	138.6	2.2	.414
99.7	10.20	8.96	288.3	-.3	145.1	145.0	145.1	-.6	.434
111.5	10.21	8.97	288.7	-.3	145.1	145.1	145.1	-.8	.434
128.0	10.15	8.99	287.0	-2.3	140.0	139.9	139.9	-5.6	.420
142.7	10.17	9.03	287.7	-1.7	139.2	139.1	139.1	-4.0	.416
162.5	10.14	9.04	287.6	.1	136.3	136.3	136.3	.2	.403
179.3	10.20	9.04	287.7	.8	139.7	139.6	139.7	1.9	.418
194.1	10.25	9.04	288.5	-.0	142.8	142.7	142.8	-.0	.427
207.6	10.19	9.03	287.7	-.5	140.3	140.3	140.3	-1.2	.420
219.6	10.19	9.01	287.9	-.6	141.0	140.9	141.0	-1.4	.422
238.8	10.15	8.97	287.5	-2.3	141.5	141.3	141.4	-5.8	.424
252.3	10.10	8.93	287.3	-1.1	141.5	141.4	141.4	-2.7	.424
267.2	10.00	8.89	287.5	-.9	138.5	138.4	138.5	-2.2	.414
282.7	10.08	8.87	288.1	-1.8	144.2	144.1	144.2	-4.4	.432
294.5	10.21	8.85	287.7	-1.5	152.3	152.2	152.2	-4.0	.457
311.0	10.20	8.82	287.2	-2.6	153.4	153.2	153.3	-6.9	.461
325.7	10.10	8.80	287.8	-2.6	149.4	149.2	149.2	-6.9	.448
339.5	10.19	8.79	288.8	-1.7	155.1	155.0	155.0	-4.5	.465
356.3	10.18	8.78	288.9	-2.1	154.9	154.8	154.8	-5.6	.464

TABLE IV. - Continued.

(f) Continued.

(f-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	10.22	8.78	287.7	-.8	156.4	156.4	156.4	-2.1	.470
24.3	10.24	8.79	288.4	-.1	156.9	156.8	156.9	-.3	.471
37.1	10.24	8.80	288.9	2.1	156.7	156.5	156.6	5.6	.470
55.9	10.12	8.82	289.4	2.4	149.5	149.	149.3	6.2	.448
68.4	10.20	8.95	289.1	2.0	146.1	145.9	146.0	5.1	.437
84.4	10.13	8.94	287.7	.0	142.5	142.4	142.5	.0	.427
100.1	10.25	8.96	288.0	-.9	147.7	147.6	147.7	-2.2	.443
112.6	10.23	8.99	288.1	1.5	145.0	144.9	144.9	3.8	.434
128.0	10.22	9.02	287.9	-.1	142.5	142.5	142.5	-.2	.427
144.3	10.14	9.02	287.7	-.5	137.7	137.6	137.7	-1.3	.412
162.4	10.02	9.04	286.3	1.7	129.1	129.0	129.1	3.8	.386
178.5	10.16	9.05	288.3	1.4	137.1	137.0	137.1	3.4	.410
195.3	10.26	9.05	288.0	1.2	143.0	142.9	142.9	3.0	.428
207.3	10.20	9.04	287.3	-.2	139.8	139.7	139.8	-.4	.419
220.1	10.20	9.02	287.5	-.9	140.8	140.7	140.8	-2.2	.427
238.9	10.23	8.97	288.8	-.8	145.2	145.1	145.2	-2.0	.434
251.4	10.12	8.94	288.2	-1.3	142.0	141.9	141.9	-3.2	.425
267.4	10.14	8.90	287.0	-1.4	145.2	145.1	145.2	-3.6	.436
283.1	10.09	8.87	287.4	-1.4	144.4	144.3	144.3	-3.5	.433
295.6	10.20	8.84	289.2	-1.7	152.5	152.4	152.5	-4.6	.457
311.0	10.16	8.82	288.5	-3.6	151.4	151.1	151.2	-9.4	.454
327.3	10.21	8.81	288.2	-2.1	154.8	154.7	154.7	-5.5	.465
339.4	10.20	8.80	288.3	-3.5	154.4	154.1	154.2	-9.3	.463
355.5	10.24	8.79	289.8	-.1	157.6	157.5	157.6	-.2	.472

(f-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.2	10.22	8.82	288.3	.7	154.0	153.9	154.0	1.8	.462
24.0	10.25	8.82	289.4	.5	156.2	156.2	156.2	1.4	.468
37.1	10.26	8.82	289.0	.9	156.5	156.4	156.5	2.6	.469
54.0	10.28	8.84	288.3	3.2	156.3	156.0	156.1	8.8	.469
68.3	10.20	8.96	287.2	-.0	145.1	145.0	145.1	-.1	.435
83.8	10.03	8.98	287.6	-.1	137.2	137.1	137.2	-.2	.410
100.0	10.25	8.99	288.3	-.0	146.2	146.2	146.2	-.1	.438
112.6	10.27	9.00	287.7	.8	146.0	145.9	146.0	1.9	.438
127.9	10.10	9.03	287.5	-.3	135.0	135.0	135.0	-.6	.404
143.8	10.22	9.05	287.6	-1.9	140.4	140.3	140.4	-4.7	.420
162.7	10.18	9.07	287.7	2.2	137.2	137.1	137.1	5.3	.410
178.7	10.27	9.07	288.6	1.6	142.0	141.9	141.9	3.9	.424
194.2	10.29	9.07	288.2	.6	143.4	143.3	143.4	1.6	.429
207.0	10.26	9.05	288.3	-1.4	142.7	142.7	142.7	-3.4	.427
220.1	10.25	9.04	287.8	-1.8	142.8	142.7	142.8	-4.4	.428
237.0	10.24	9.00	289.0	-2.7	145.3	145.1	145.2	-6.9	.435
251.3	10.25	8.95	287.5	-3.0	148.3	148.1	148.1	-7.7	.445
266.8	10.20	8.91	287.0	-3.6	147.9	147.5	147.6	-9.3	.444
283.0	10.24	8.88	288.2	-2.4	151.9	151.7	151.7	-6.4	.455
295.6	10.27	8.86	287.0	-3.0	154.6	154.4	154.4	-8.0	.465
310.9	10.26	8.84	288.2	-1.9	155.7	155.6	155.6	-5.2	.468
326.8	10.25	8.82	287.6	-1.3	155.8	155.7	155.8	-3.6	.468
339.7	10.26	8.82	289.2	-2.2	156.7	156.5	156.6	-5.9	.470
355.7	10.25	8.82	289.4	-1.8	156.2	156.0	156.1	-5.0	.468

TABLE IV. - Continued.

(f) Continued.

(f-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.7	10.27	8.83	288.2	.5	156.3	156.2	156.3	1.3	.469
24.6	10.28	8.83	288.8	.5	156.9	156.8	156.9	1.4	.471
37.2	10.28	8.84	288.6	1.5	156.5	156.4	156.4	4.2	.470
56.3	10.26	8.86	288.8	1.2	154.1	154.0	154.1	3.1	.462
68.3	10.19	8.97	288.5	2.4	143.7	143.5	143.5	6.1	.430
84.3	10.23	8.98	288.2	2.7	145.8	145.6	145.7	6.9	.437
99.7	10.19	8.99	289.7	1.9	143.1	142.9	143.0	4.7	.427
112.0	10.27	9.01	289.7	2.2	146.2	146.0	146.1	5.5	.437
128.2	10.28	9.02	287.4	-1.	145.3	145.2	145.3	-2	.436
142.4	10.29	9.04	289.3	-1	145.3	145.2	145.3	-2	.434
162.2	10.20	9.05	287.8	3.1	139.0	138.7	138.8	7.4	.416
179.0	10.30	9.05	288.8	1.9	144.7	144.5	144.6	4.8	.433
191.7	10.30	9.05	288.0	-0	144.9	144.9	144.9	-1	.434
207.6	10.29	9.05	287.6	-1.4	144.1	144.0	144.0	-3.5	.432
220.2	10.26	9.04	287.5	-2.1	142.9	142.7	142.8	-5.3	.428
239.3	10.29	9.00	288.9	-3.3	147.7	147.4	147.4	-8.5	.442
251.3	10.22	8.95	288.0	-5.4	147.0	146.3	146.3	-13.7	.440
267.3	10.28	8.90	288.4	-5.6	152.7	151.9	151.9	-14.8	.458
282.7	10.28	8.88	289.2	-4.3	154.2	153.7	153.8	-11.4	.462
295.0	10.28	8.86	288.1	-4.6	155.2	154.6	154.7	-12.4	.466
311.2	10.29	8.85	287.5	-3.8	156.0	155.6	155.7	-10.4	.469
325.4	10.29	8.84	287.0	-2.3	156.4	156.3	156.3	-6.2	.471
339.2	10.28	8.83	288.7	-2.5	156.8	156.6	156.6	-6.9	.470
356.0	10.28	8.83	288.2	-2.1	156.9	156.8	156.8	-5.6	.471

(f-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.1	10.17	8.73	289.0	.1	157.5	157.4	157.5	.3	.472
24.7	10.19	8.74	288.6	1.3	157.6	157.5	157.6	3.5	.473
37.1	10.17	8.72	287.8	2.3	157.5	157.3	157.3	6.4	.473
55.4	10.16	8.77	288.2	3.0	154.5	154.2	154.2	8.1	.464
68.6	10.16	8.83	289.2	3.7	150.9	150.5	150.5	9.7	.452
82.9	10.18	8.84	288.6	2.8	151.7	151.4	151.5	7.4	.454
99.7	10.17	8.85	288.7	4.5	150.2	149.7	149.8	11.8	.450
112.1	10.18	8.87	289.0	3.7	150.0	149.7	149.7	9.8	.449
126.8	10.18	8.87	289.3	2.7	149.6	149.4	149.5	6.9	.448
128.0	10.17	8.87	287.9	2.1	148.9	148.8	148.8	5.4	.447
162.0	10.18	8.91	288.5	3.4	147.0	146.7	146.8	8.8	.440
178.0	10.19	8.93	287.4	2.0	146.1	145.9	146.0	5.0	.438
194.1	10.18	8.93	288.1	-8	145.7	145.6	145.7	-2.0	.436
207.7	10.19	8.91	288.2	-1.0	147.6	147.5	147.6	-2.5	.442
220.1	10.17	8.89	288.8	-3.5	147.7	147.4	147.5	-9.0	.442
238.4	10.15	8.83	288.5	-4.4	150.2	149.7	149.7	-11.6	.450
251.6	10.15	8.79	288.3	-5.8	152.6	151.8	151.9	-15.4	.458
265.9	10.18	8.77	288.2	-6.3	155.5	154.5	154.6	-17.0	.467
282.7	10.19	8.75	288.2	-6.1	156.7	155.8	155.8	-16.6	.471
295.1	10.17	8.75	288.9	-5.5	156.4	155.7	155.7	-15.0	.469
309.8	10.16	8.73	288.5	-3.8	157.0	156.6	156.7	-10.5	.471
311.0	10.17	8.73	288.0	-5.3	157.2	156.5	156.6	-14.6	.472
339.0	10.19	8.71	288.8	-2.6	159.5	159.3	159.4	-7.1	.479
355.0	10.17	8.71	289.6	-1.1	158.8	158.7	158.8	-3.0	.476

TABLE IV. - Continued.

(f) Continued.

(f-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETA7	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	10.19	8.72	289.5	-1.3	159.2	159.1	159.2	-3.6	.477
23.8	10.16	8.72	288.8	2.3	157.5	157.3	157.3	6.2	.472
39.5	10.20	8.74	289.0	2.0	158.2	158.0	158.1	5.6	.474
55.2	10.20	8.74	288.1	2.1	157.8	157.6	157.7	5.9	.474
68.4	10.19	8.83	288.9	3.2	152.7	152.4	152.4	8.4	.457
83.6	10.18	8.84	288.0	3.5	150.8	150.5	150.5	9.3	.452
100.8	10.18	8.86	288.9	4.3	150.5	150.0	150.1	11.3	.451
111.7	10.20	8.86	289.6	1.9	151.3	151.2	151.2	5.0	.453
128.1	10.18	8.89	289.2	2.7	148.3	148.0	148.1	6.9	.443
143.9	10.18	8.89	288.3	.7	148.1	148.0	148.1	1.8	.444
162.2	10.17	8.91	288.3	3.6	146.9	146.5	146.6	9.3	.440
177.7	10.19	8.91	288.2	2.5	147.8	147.6	147.7	6.5	.443
194.5	10.18	8.91	287.9	-.7	146.8	146.8	146.8	-1.7	.440
206.8	10.20	8.91	288.4	-1.7	148.2	148.0	148.1	-4.4	.444
222.5	10.19	8.90	287.8	-3.2	148.0	147.7	147.8	-8.3	.444
238.2	10.20	8.87	288.4	-4.6	150.6	150.1	150.2	-12.2	.451
251.4	10.18	8.81	287.2	-4.9	152.8	152.2	152.2	-13.0	.459
266.6	10.20	8.77	289.0	-6.3	156.7	155.7	155.8	-17.2	.470
283.8	10.19	8.75	288.8	-6.9	157.3	156.1	156.2	-18.8	.472
294.7	10.18	8.74	287.4	-5.6	156.6	155.8	155.9	-15.3	.471
311.1	10.19	8.74	287.1	-5.0	157.6	156.9	157.0	-13.7	.474
326.9	10.19	8.73	287.4	-3.5	158.1	157.8	157.8	-9.7	.476
339.2	10.17	8.73	288.7	-4.6	157.4	156.8	156.9	-12.5	.472
354.7	10.17	8.72	288.6	-1.7	158.1	157.9	158.0	-4.7	.474

(f-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.3	10.20	8.77	289.0	-.6	156.8	156.8	156.8	-1.7	.470
24.3	10.20	8.77	288.0	2.1	156.6	156.4	156.5	5.8	.470
36.8	10.19	8.77	289.1	2.3	156.3	156.1	156.2	6.1	.469
55.6	10.20	8.76	288.6	4.7	157.1	156.6	156.6	12.8	.472
68.9	10.19	8.88	288.1	5.2	149.5	148.8	148.9	13.5	.448
83.3	10.18	8.88	287.9	6.6	149.0	147.9	148.0	17.0	.447
100.7	10.20	8.88	288.7	6.2	149.6	148.7	148.7	16.2	.448
112.1	10.18	8.88	288.5	5.2	148.7	148.1	148.1	13.4	.445
126.9	10.17	8.89	289.2	4.1	148.3	147.8	147.9	10.5	.443
144.2	10.17	8.90	288.1	1.5	147.1	147.0	147.1	3.8	.441
162.5	10.20	8.91	288.0	3.7	148.2	147.9	147.9	9.6	.444
178.2	10.21	8.91	288.4	1.0	148.2	148.2	148.2	2.5	.444
194.3	10.20	8.90	287.4	-1.2	148.9	148.8	148.9	-3.1	.447
207.3	10.19	8.89	289.9	-2.8	149.3	149.1	149.2	-7.2	.446
219.8	10.20	8.88	289.0	-4.4	150.0	149.5	149.6	-11.5	.449
238.6	10.19	8.86	289.0	-6.2	150.8	149.9	149.9	-16.2	.451
251.9	10.19	8.83	288.3	-7.3	152.5	151.2	151.2	-19.3	.457
266.3	10.18	8.80	288.1	-8.2	153.4	151.8	151.8	-22.0	.460
283.7	10.18	8.79	288.2	-7.3	154.5	153.2	153.3	-19.7	.464
295.1	10.20	8.78	288.8	-7.3	155.8	154.5	154.6	-19.7	.467
309.9	10.17	8.78	288.3	-5.6	154.5	153.7	153.8	-15.1	.464
327.2	10.18	8.77	289.0	-4.4	155.5	155.1	155.1	-11.9	.466
339.5	10.19	8.77	288.8	-4.3	156.0	155.5	155.6	-11.7	.468
355.2	10.20	8.77	288.0	-2.8	156.2	156.0	156.0	-7.7	.469

TABLE IV. - Continued.

(f) Continued.

(f-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.8	10.18	8.84	288.2	-1.4	151.6	151.5	151.5	-3.6	.455
23.7	10.20	8.84	287.8	.7	152.5	152.5	152.5	1.8	.458
36.0	10.19	8.83	288.8	4.7	152.3	151.7	151.8	12.5	.456
54.9	10.22	8.81	288.6	7.3	155.1	153.8	153.8	19.8	.465
68.8	10.22	8.89	287.6	8.6	149.9	148.2	148.3	22.3	.450
84.8	10.21	8.90	288.3	8.0	148.9	147.4	147.4	20.7	.446
98.8	10.20	8.90	288.9	7.9	149.0	147.6	147.6	20.4	.446
112.0	10.19	8.90	289.0	8.4	148.5	146.9	146.9	21.7	.444
128.5	10.21	8.91	288.8	7.1	148.6	147.4	147.5	18.3	.445
144.5	10.20	8.93	289.0	3.9	147.3	147.0	147.0	10.0	.441
162.3	10.21	8.94	287.6	3.5	146.9	146.6	146.6	8.9	.440
178.6	10.20	8.94	289.0	2.2	146.3	146.2	146.2	5.5	.438
194.8	10.21	8.94	289.0	-2.5	146.8	146.6	146.6	-6.4	.439
206.7	10.20	8.93	287.9	-4.1	146.7	146.3	146.3	-10.4	.439
219.0	10.21	8.93	288.7	-6.4	148.0	147.1	147.1	-16.6	.443
237.9	10.22	8.88	288.4	-7.7	150.9	149.6	149.6	-20.3	.452
251.8	10.21	8.83	287.9	-8.1	153.4	151.9	151.9	-21.7	.461
267.8	10.20	8.80	288.3	-10.2	155.1	152.6	152.6	-27.5	.465
281.8	10.20	8.80	288.8	-9.4	155.3	153.2	153.2	-25.4	.466
295.0	10.20	8.81	288.6	-10.8	154.1	151.3	151.4	-29.0	.462
311.5	10.20	8.81	288.9	-9.0	154.4	152.5	152.5	-24.1	.463
327.5	10.20	8.82	288.8	-4.5	154.0	153.5	153.5	-12.1	.462
339.3	10.20	8.83	287.3	-4.7	153.1	152.6	152.6	-12.4	.460
355.6	10.19	8.83	287.6	-4.9	151.9	151.4	151.4	-12.8	.456

(f-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	9.63	8.63	288.4	9.3	133.6	131.8	131.8	21.5	.399
20.3	9.59	8.65	288.3	7.7	129.7	128.5	128.6	17.4	.387
32.4	9.76	8.64	288.9	5.1	141.2	140.6	140.6	12.6	.422
51.7	9.54	8.64	288.5	3.7	127.3	127.0	127.0	8.3	.379
65.0	9.63	8.65	289.1	2.0	132.1	132.0	132.1	4.5	.394
80.0	9.68	8.66	288.3	2.9	134.9	134.7	134.7	6.7	.403
95.9	9.78	8.71	288.2	3.1	137.3	137.1	137.1	7.3	.410
107.9	9.83	8.72	288.0	2.8	139.5	139.3	139.4	6.9	.417
124.0	9.81	8.74	287.4	3.4	137.0	136.7	136.7	8.2	.410
141.1	9.86	8.77	287.8	4.6	138.1	137.6	137.7	11.1	.413
164.1	9.89	8.75	288.3	.5	140.6	140.5	140.6	1.3	.420
179.4	9.95	8.81	288.4	.6	140.7	140.6	140.7	1.6	.421
195.0	10.01	8.80	288.8	2.4	144.4	144.2	144.3	5.9	.432
208.4	10.03	8.80	288.4	3.4	145.7	145.5	145.5	8.7	.436
220.5	10.01	8.79	288.6	4.2	145.5	145.1	145.1	10.7	.435
239.8	9.84	8.77	288.1	5.8	136.6	135.9	135.9	13.8	.408
253.1	9.80	8.76	288.1	6.0	134.9	134.1	134.2	14.1	.403
268.1	9.80	8.74	287.9	6.0	136.0	135.3	135.3	14.3	.407
284.0	9.76	8.73	288.1	7.4	135.0	133.9	133.9	17.4	.403
296.0	9.69	8.71	287.9	7.6	131.8	130.6	130.6	17.4	.393
312.1	9.61	8.69	287.2	9.0	128.2	126.6	126.6	20.1	.383
329.2	9.59	8.70	288.0	8.7	125.7	124.2	124.2	19.0	.375
336.0	9.61	8.70	288.4	11.8	127.3	124.6	124.6	26.1	.379
351.3	9.65	8.67	288.5	10.9	132.2	129.8	129.8	25.1	.394

TABLE IV. - Continued.

(f) Continued.

(f-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	9.62	8.65	287.8	7.5	131.6	130.5	130.5	17.1	.393
20.0	9.88	8.64	288.3	6.9	147.5	146.4	146.4	17.7	.442
32.4	9.73	8.64	287.9	6.2	139.0	138.2	138.2	15.0	.416
52.1	9.78	8.64	288.8	4.4	141.9	141.5	141.5	10.9	.424
64.8	9.69	8.64	288.2	4.1	136.4	136.0	136.0	9.8	.407
75.4	9.78	8.65	288.2	5.6	141.0	140.3	140.3	13.7	.422
95.8	9.85	8.68	288.1	4.3	143.0	142.6	142.6	10.8	.428
108.2	9.83	8.70	287.8	4.3	140.7	140.3	140.3	10.5	.421
124.0	9.88	8.73	287.8	4.7	142.2	141.7	141.7	11.7	.426
138.5	9.94	8.74	287.5	4.5	144.1	143.7	143.7	11.2	.432
162.9	9.91	8.76	288.3	1.2	141.1	141.1	141.1	3.0	.422
179.0	9.96	8.79	288.1	2.1	142.4	142.3	142.3	5.1	.426
195.1	10.04	8.81	288.4	2.9	146.1	145.9	145.9	7.3	.437
208.1	10.07	8.79	288.2	3.8	148.0	147.7	147.7	9.7	.443
220.5	10.06	8.78	288.3	4.2	149.0	148.6	148.6	10.9	.446
240.2	9.93	8.75	288.0	5.2	143.4	142.8	142.8	13.0	.429
252.9	9.85	8.74	287.8	5.0	139.3	138.8	138.8	12.2	.417
263.5	9.85	8.72	287.6	5.3	141.2	140.6	140.6	13.0	.423
283.9	9.81	8.69	288.0	5.4	140.6	140.0	140.0	13.2	.421
296.3	9.83	8.68	287.5	4.2	141.9	141.5	141.5	10.4	.425
312.1	9.73	8.69	287.7	5.6	135.9	135.3	135.3	13.3	.406
326.6	9.70	8.69	288.0	4.6	133.9	133.5	133.5	10.6	.400
334.8	9.71	8.69	288.1	8.0	134.2	132.9	132.9	18.7	.401
350.9	9.73	8.67	288.2	8.0	137.2	135.8	135.9	19.1	.410

(f-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	9.60	8.67	287.4	5.5	129.1	128.5	128.5	12.3	.386
19.3	9.97	8.63	288.2	6.3	152.6	151.6	151.6	16.8	.453
27.3	9.74	8.64	287.8	6.4	139.2	138.3	138.3	15.4	.416
51.9	9.79	8.67	287.6	7.3	140.4	139.2	139.2	17.9	.420
63.9	9.76	8.65	288.1	8.1	140.1	138.7	138.7	19.8	.419
79.9	9.97	8.63	288.3	6.5	152.9	151.9	151.9	17.4	.459
96.1	9.88	8.65	288.4	6.8	147.2	146.2	146.2	17.4	.441
107.2	9.97	8.66	287.7	5.6	150.5	149.8	149.8	14.7	.452
124.0	9.92	8.69	287.3	5.4	146.8	146.1	146.1	13.9	.440
138.5	10.02	8.70	287.4	5.8	151.3	150.5	150.5	15.3	.454
164.1	9.88	8.72	288.1	2.8	142.4	142.2	142.2	7.0	.426
179.7	9.96	8.73	288.0	2.1	146.3	146.2	146.2	5.3	.438
195.3	10.05	8.75	288.5	2.7	150.3	150.1	150.1	7.0	.450
207.4	10.10	8.77	288.7	2.7	151.7	151.5	151.5	7.3	.455
215.4	10.10	8.77	288.6	3.0	151.6	151.4	151.4	8.0	.454
240.0	9.99	8.72	288.0	3.3	148.1	147.9	147.9	8.6	.444
252.0	9.93	8.72	287.8	3.1	145.1	144.9	144.9	7.9	.435
268.0	9.94	8.70	288.3	3.5	146.7	146.4	146.4	8.9	.439
284.2	9.90	8.69	288.2	3.3	145.9	145.7	145.7	8.4	.437
295.3	9.93	8.68	287.9	1.8	147.6	147.5	147.5	4.8	.442
312.1	9.89	8.68	287.7	2.5	145.5	145.3	145.3	6.4	.436
326.6	9.96	8.67	288.6	1.3	150.2	150.2	150.2	3.4	.450
336.0	9.96	8.67	288.9	5.0	150.0	149.4	149.4	13.0	.449
351.6	9.86	8.68	287.8	5.0	143.9	143.3	143.3	12.5	.431

TABLE IV. - Continued.

(f) Continued.

(f-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	10.01	8.62	288.5	4.2	155.6	155.1	155.1	11.5	.467
20.3	10.04	8.62	288.2	4.6	157.5	157.0	157.0	12.6	.473
32.3	10.07	8.62	288.3	4.8	158.7	158.1	158.1	13.2	.477
51.5	10.01	8.62	288.2	5.1	155.1	154.5	154.5	13.7	.466
65.0	10.00	8.63	288.0	5.4	154.5	153.8	153.8	14.6	.464
79.9	10.06	8.63	287.9	5.0	157.1	156.5	156.5	13.7	.472
95.4	10.04	8.64	287.8	4.8	155.6	155.1	155.1	13.1	.468
107.2	10.09	8.65	287.7	4.0	157.9	157.5	157.5	11.1	.475
123.7	10.07	8.65	287.7	4.4	156.4	155.9	155.9	12.1	.470
138.4	10.08	8.66	287.4	3.9	156.4	156.0	156.0	10.8	.470
163.3	9.94	8.70	287.5	3.9	146.7	146.7	146.7	2.3	.440
180.1	10.02	8.72	287.9	.8	149.8	149.7	149.7	2.2	.449
194.9	10.12	8.72	288.7	1.0	155.9	155.9	155.9	2.8	.468
208.4	10.14	8.72	288.4	.8	156.1	156.1	156.1	.2	.469
220.4	10.09	8.71	288.2	1.0	154.4	154.4	154.4	.8	.463
239.6	10.02	8.69	288.3	.5	152.0	152.0	152.0	1.4	.456
253.1	10.01	8.69	287.9	.7	151.6	151.5	151.5	1.9	.455
268.0	10.00	8.67	288.2	.9	152.3	152.3	152.3	2.4	.457
283.5	9.93	8.66	288.0	1.1	148.9	148.8	148.8	2.8	.446
295.3	9.99	8.66	287.9	.3	152.1	152.1	152.1	.8	.456
311.8	10.01	8.66	288.4	.3	153.0	153.0	153.0	.9	.459
326.5	10.06	8.65	288.3	.2	156.1	156.1	156.1	.5	.469
335.2	10.09	8.65	288.5	3.8	158.1	157.8	157.8	10.5	.475
352.0	10.01	8.63	288.3	3.7	154.9	154.6	154.6	9.9	.465

(f-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	10.09	8.62	288.3	3.1	159.8	159.6	159.6	8.5	.480
20.0	10.11	8.62	287.8	3.5	160.2	159.9	160.0	9.7	.482
32.8	10.10	8.62	287.7	3.4	160.2	160.0	160.0	9.5	.482
51.6	10.06	8.62	287.3	3.5	157.8	157.5	157.5	9.7	.474
64.1	10.04	8.63	287.9	4.2	156.5	156.0	156.0	11.4	.470
80.1	10.12	8.63	287.6	3.7	160.1	159.7	159.7	10.4	.482
95.8	9.92	8.63	287.8	3.6	150.0	149.7	149.7	9.4	.450
108.3	10.05	8.63	287.7	3.0	157.2	157.0	157.0	8.3	.473
123.7	10.10	8.64	287.4	3.1	158.8	158.5	158.6	8.6	.478
140.0	10.09	8.66	287.0	2.9	157.4	157.1	157.2	8.0	.474
163.2	9.97	8.67	287.3	.1	150.1	150.1	150.1	.2	.451
179.3	10.00	8.70	288.0	-.5	150.0	150.0	150.0	-1.3	.450
196.1	10.12	8.71	288.0	-.7	156.0	156.0	156.0	-2.0	.469
208.1	10.14	8.70	287.9	-.9	157.3	157.2	157.2	-2.4	.473
220.9	10.14	8.70	287.8	-.9	157.4	157.3	157.3	-2.4	.473
239.7	10.02	8.68	287.8	-.8	152.7	152.7	152.7	-2.0	.458
252.2	10.07	8.68	288.0	-.8	155.1	155.0	155.0	-2.3	.466
268.2	10.08	8.66	288.0	-.7	156.8	156.8	156.8	-2.0	.471
283.9	10.07	8.65	288.1	-1.1	157.0	157.0	157.0	-3.0	.472
296.4	9.99	8.63	288.2	-.7	153.9	153.9	153.9	-1.8	.462
311.8	10.11	8.64	288.3	-.8	159.5	159.5	159.5	-2.1	.479
328.1	10.09	8.63	288.0	-1.0	159.3	159.2	159.2	-2.7	.479
335.1	10.11	8.62	287.9	2.7	160.6	160.4	160.4	7.4	.483
351.2	10.09	8.62	288.5	2.7	159.6	159.4	159.4	7.6	.479

TABLE IV. - Continued.

(f) Continued.

(f-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	10.14	8.61	287.6	2.3	162.5	162.3	162.3	6.6	.489
19.7	10.14	8.61	287.7	2.2	162.0	161.8	161.9	6.3	.488
32.8	10.14	8.62	287.9	2.6	162.2	162.1	162.1	7.2	.488
49.7	10.15	8.61	287.5	2.3	162.7	162.5	162.5	6.7	.490
64.0	10.14	8.62	287.4	2.8	161.7	161.5	161.5	7.9	.487
79.5	10.09	8.62	287.6	2.2	159.1	159.0	159.0	6.0	.479
95.7	9.98	8.62	287.3	2.1	153.9	153.8	153.8	5.5	.462
108.3	10.08	8.62	287.0	1.7	158.7	158.6	158.7	4.8	.478
123.6	10.12	8.63	286.9	1.9	159.9	159.8	159.8	5.2	.482
139.5	10.14	8.64	286.7	1.9	160.3	160.2	160.2	5.3	.483
163.5	10.05	8.66	287.8	-1.3	154.8	154.7	154.7	-3.5	.465
179.5	10.09	8.68	288.1	-1.5	156.0	155.9	155.9	-4.0	.468
195.0	10.17	8.69	288.5	-1.8	159.2	159.1	159.2	-4.9	.478
207.8	10.17	8.69	287.9	-2.0	159.2	159.1	159.1	-5.4	.479
220.9	10.15	8.67	288.0	-1.9	159.1	159.0	159.0	-5.4	.478
237.8	10.13	8.66	288.3	-2.2	159.3	159.2	159.2	-6.1	.479
252.1	10.13	8.66	288.0	-2.2	159.1	159.0	159.0	-6.1	.478
267.6	10.08	8.66	288.4	-2.0	156.9	156.8	156.8	-5.5	.471
283.8	10.05	8.64	287.6	-2.0	155.9	155.8	155.8	-5.3	.469
296.4	10.07	8.63	287.0	-1.8	157.4	157.3	157.3	-5.1	.474
311.7	10.14	8.64	287.6	-2.3	160.8	160.7	160.7	-6.4	.484
327.6	10.13	8.63	287.5	-2.1	161.0	160.9	160.9	-6.0	.485
335.4	10.15	8.62	287.6	1.8	162.1	162.0	162.0	5.1	.488
351.4	10.12	8.62	287.9	1.8	161.4	161.3	161.3	5.2	.485

(f-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
4.4	10.16	8.61	287.6	.1	163.6	163.5	163.6	.3	.493
20.3	10.16	8.59	287.8	.4	164.1	164.1	164.1	1.1	.494
32.9	10.16	8.61	287.4	.2	163.6	163.5	163.6	.6	.493
52.0	10.16	8.62	287.1	.4	162.9	162.8	162.9	1.0	.491
64.0	10.16	8.61	287.3	.5	162.8	162.7	162.8	1.3	.491
80.0	10.08	8.60	287.1	-.2	159.5	159.4	159.5	-.4	.480
95.4	10.04	8.59	287.6	-.0	158.6	158.5	158.6	-.0	.477
107.7	10.12	8.60	286.7	.2	161.9	161.8	161.9	.5	.488
123.9	10.17	8.62	286.3	-.1	163.1	163.0	163.1	-.4	.492
138.1	10.16	8.63	287.0	.1	162.0	161.9	162.0	.2	.488
163.0	10.13	8.66	287.9	-3.9	159.5	159.1	159.1	-10.7	.480
179.8	10.16	8.67	288.3	-4.1	160.1	159.7	159.7	-11.4	.481
192.5	10.17	8.67	288.2	-4.3	160.8	160.2	160.3	-12.0	.483
208.4	10.17	8.67	288.1	-4.1	160.6	160.1	160.2	-11.6	.483
221.0	10.15	8.67	288.0	-4.3	160.1	159.6	159.7	-12.0	.481
240.1	10.14	8.65	287.6	-4.4	160.3	159.7	159.8	-12.3	.482
252.1	10.16	8.64	287.9	-4.6	161.5	160.9	161.0	-12.9	.486
268.1	10.16	8.63	287.9	-4.6	162.1	161.5	161.6	-13.0	.488
283.5	10.15	8.62	288.1	-4.8	162.8	162.2	162.3	-13.5	.490
295.8	10.15	8.61	287.5	-4.6	162.8	162.2	162.3	-12.9	.490
312.0	10.17	8.61	287.2	-4.5	163.4	162.9	162.9	-12.8	.493
326.2	10.16	8.61	287.5	-4.5	163.3	162.7	162.8	-12.8	.492
334.9	10.17	8.61	287.7	.1	163.8	163.7	163.8	.2	.493
351.7	10.17	8.61	287.5	.1	163.6	163.6	163.6	.4	.493

TABLE IV. - Continued.

(f) Continued.

(f-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	10.15	8.59	287.2	-1.3	163.8	163.6	163.7	-3.6	.494
20.4	10.15	8.61	286.5	-1.1	162.7	162.5	162.7	-3.2	.491
32.8	10.15	8.58	286.8	-1.1	164.5	164.3	164.5	-3.1	.496
51.1	10.17	8.59	287.1	-1.0	164.5	164.3	164.5	-2.9	.496
64.3	10.16	8.58	287.5	-.6	164.9	164.7	164.9	-1.7	.497
78.6	10.14	8.57	287.3	-.8	164.4	164.2	164.4	-2.4	.496
95.4	10.13	8.58	287.4	-1.0	163.6	163.3	163.5	-2.8	.493
107.8	10.14	8.58	287.4	-1.3	163.7	163.5	163.7	-3.6	.493
122.5	10.16	8.59	287.6	-1.2	164.4	164.2	164.4	-3.5	.495
123.7	10.16	8.59	287.2	-1.4	164.5	164.2	164.4	-4.0	.496
162.8	10.13	8.64	287.5	-5.0	160.3	159.5	159.7	-14.1	.483
178.8	10.15	8.66	287.9	-5.3	160.1	159.2	159.4	-14.8	.481
194.9	10.16	8.66	288.1	-5.5	160.4	159.5	159.7	-15.3	.482
208.5	10.16	8.64	287.7	-5.4	161.4	160.5	160.7	-15.1	.486
220.9	10.15	8.65	288.2	-5.3	160.9	160.0	160.2	-14.9	.484
239.2	10.15	8.62	288.0	-5.4	162.3	161.4	161.6	-15.3	.488
252.4	10.15	8.61	288.4	-5.4	163.6	162.7	162.9	-15.2	.492
266.7	10.16	8.59	288.2	-5.7	164.7	163.7	163.9	-16.3	.496
283.5	10.15	8.58	287.7	-5.8	164.3	163.3	163.5	-16.7	.495
295.9	10.15	8.59	288.3	-5.8	164.2	163.2	163.4	-16.4	.494
310.6	10.16	8.59	288.0	-5.7	164.8	163.8	164.0	-16.5	.496
311.8	10.15	8.58	288.0	-5.8	164.6	163.6	163.8	-16.5	.496
334.7	10.16	8.59	287.1	-1.3	164.6	164.3	164.5	-3.8	.496
350.7	10.16	8.58	287.4	-1.4	164.6	164.3	164.5	-4.1	.496

(f-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	10.16	8.58	287.4	-1.9	164.9	164.5	164.8	-5.5	.497
19.5	10.14	8.58	287.1	-2.0	163.9	163.5	163.8	-5.8	.494
35.2	10.15	8.59	286.7	-2.0	164.1	163.7	164.0	-5.8	.495
50.9	10.16	8.58	286.8	-1.9	164.5	164.1	164.4	-5.4	.496
64.1	10.15	8.58	287.1	-1.8	164.6	164.2	164.5	-5.1	.496
79.3	10.15	8.58	287.0	-1.6	164.1	163.8	164.0	-4.7	.495
96.5	10.16	8.58	287.4	-1.7	165.1	164.7	165.0	-4.8	.498
107.4	10.16	8.58	287.3	-2.1	164.9	164.5	164.7	-6.1	.497
123.8	10.16	8.59	287.4	-2.2	164.4	164.0	164.3	-6.2	.495
139.6	10.16	8.60	287.0	-2.3	163.4	163.0	163.3	-6.6	.493
163.0	10.16	8.61	288.3	-5.9	163.6	162.5	162.7	-16.9	.492
178.5	10.15	8.61	288.5	-6.3	162.9	161.7	161.9	-17.7	.490
195.3	10.17	8.63	288.2	-6.3	162.7	161.5	161.7	-17.7	.489
207.6	10.16	8.64	288.4	-6.2	161.9	160.7	160.9	-17.5	.487
223.3	10.16	8.63	288.1	-5.9	162.7	161.6	161.8	-16.7	.490
239.0	10.16	8.63	287.7	-6.0	162.4	161.3	161.5	-17.0	.489
252.2	10.15	8.62	287.7	-6.1	162.6	161.4	161.7	-17.3	.490
267.4	10.15	8.60	288.1	-6.2	163.5	162.3	162.6	-17.6	.492
284.6	10.16	8.59	287.9	-6.4	164.4	163.1	163.4	-18.3	.495
295.5	10.16	8.59	287.5	-6.3	164.5	163.2	163.5	-18.1	.496
311.9	10.16	8.58	287.3	-6.2	164.9	163.6	163.9	-17.9	.497
327.7	10.16	8.58	287.4	-6.2	164.7	163.5	163.8	-17.6	.497
334.9	10.16	8.58	287.1	-2.2	164.8	164.4	164.7	-6.4	.497
350.4	10.16	8.58	287.2	-2.0	165.1	164.8	165.0	-5.7	.498

TABLE IV. - Continued.

(f) Continued.

(f-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	10.16	8.63	286.7	-5.6	162.0	160.3	161.2	-15.8	.489
20.0	10.16	8.63	286.9	-5.9	162.2	160.5	161.3	-16.6	.489
32.5	10.15	8.64	287.0	-5.6	160.8	159.1	160.0	-15.6	.484
51.3	10.15	8.64	287.1	-5.6	161.2	159.5	160.4	-15.8	.486
64.6	10.16	8.64	286.8	-5.4	161.2	159.6	160.5	-15.1	.486
79.0	10.13	8.64	286.9	-5.2	160.4	158.9	159.8	-14.6	.483
96.4	10.13	8.63	287.0	-5.4	160.7	159.1	160.0	-15.1	.484
107.8	10.13	8.63	287.1	-5.5	160.8	159.1	160.0	-15.5	.484
122.6	10.15	8.63	287.8	-5.8	161.5	159.8	160.7	-16.3	.486
139.9	10.15	8.64	286.9	-6.2	160.7	158.9	159.8	-17.2	.484
163.3	10.14	8.65	287.5	-10.2	160.4	157.1	157.9	-28.2	.483
179.0	10.14	8.66	287.7	-10.4	159.8	156.3	157.2	-28.6	.481
195.1	10.14	8.66	287.9	-10.5	159.3	155.8	156.7	-28.9	.479
208.1	10.14	8.66	283.2	-10.2	159.7	156.4	157.2	-28.2	.480
220.6	10.14	8.66	283.4	-10.2	159.5	156.2	157.0	-28.0	.479
239.4	10.14	8.65	288.2	-10.4	160.0	156.5	157.4	-28.7	.481
252.7	10.13	8.66	287.9	-10.3	159.2	155.8	156.7	-28.4	.479
267.1	10.13	8.65	283.0	-10.3	160.0	156.6	157.4	-28.3	.481
284.5	10.13	8.64	287.8	-10.3	160.4	157.0	157.8	-28.6	.483
295.9	10.13	8.64	288.0	-10.2	160.6	157.3	158.1	-28.2	.483
310.7	10.14	8.64	287.9	-9.9	160.8	157.5	158.4	-27.6	.484
328.0	10.14	8.63	287.8	-10.1	161.1	157.7	158.6	-28.0	.485
335.2	10.15	8.63	286.8	-5.7	161.7	160.1	160.9	-15.9	.488
350.9	10.16	8.64	286.9	-5.9	161.4	159.7	160.6	-16.4	.487

(f-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	10.03	8.75	286.9	-13.5	148.6	142.3	144.7	-34.1	.446
19.4	10.02	8.76	286.8	-12.6	147.4	141.6	143.9	-31.7	.443
31.7	10.02	8.75	287.1	-11.5	147.6	142.4	144.8	-29.1	.443
50.6	10.02	8.75	286.7	-10.8	148.1	143.3	145.6	-27.3	.445
64.5	10.03	8.75	286.6	-10.6	148.5	143.7	146.1	-26.8	.446
80.5	10.04	8.75	287.1	-10.2	149.0	144.4	146.8	-26.1	.448
94.5	10.04	8.75	287.0	-10.2	149.4	144.7	147.1	-26.1	.449
107.7	10.04	8.75	286.9	-10.4	148.7	144.0	146.4	-26.4	.447
124.2	10.04	8.75	287.1	-10.7	148.9	144.0	146.4	-27.3	.447
140.2	10.00	8.75	286.6	-12.0	146.7	141.3	143.6	-29.9	.441
163.1	10.00	8.75	287.4	-18.3	147.0	137.5	139.8	-45.5	.441
179.4	10.09	8.76	288.0	-18.8	151.0	140.9	143.2	-48.1	.453
195.6	10.11	8.77	288.4	-19.1	152.0	141.5	143.8	-49.1	.456
207.5	10.13	8.78	288.2	-19.3	152.2	141.6	143.9	-49.5	.457
219.8	10.12	8.78	288.5	-19.2	151.9	141.4	143.7	-49.3	.455
238.7	10.13	8.78	288.1	-20.4	152.6	140.9	143.3	-52.5	.458
252.6	10.13	8.76	288.2	-20.3	153.6	142.0	144.3	-52.6	.461
268.6	10.13	8.76	288.4	-20.8	153.5	141.5	143.8	-53.7	.460
282.6	10.12	8.75	288.5	-20.7	153.8	141.8	144.1	-53.7	.461
295.8	10.13	8.75	283.2	-20.5	154.4	142.5	144.9	-53.4	.463
312.3	10.13	8.74	283.5	-20.1	154.5	143.0	145.3	-52.3	.463
328.3	10.12	8.74	288.0	-19.8	153.6	142.4	144.8	-51.4	.461
335.0	10.10	8.74	286.3	-13.3	152.3	146.0	148.4	-34.4	.459
351.3	10.07	8.73	287.1	-13.0	151.7	145.5	147.9	-33.7	.456

TABLE IV. - Continued.

(f) Continued.

(f-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.7	17.02	13.58	356.0	59.9	211.1	106.0	106.0	182.5	.576
21.0	16.96	13.60	357.4	60.3	209.4	103.9	103.9	181.9	.570
34.3	16.57	13.59	353.6	58.2	197.6	104.2	104.2	167.9	.539
49.3	16.79	13.66	354.9	57.1	202.2	109.7	109.7	169.9	.552
65.2	16.94	13.64	359.3	57.2	208.0	112.8	112.8	174.7	.564
77.2	16.86	13.64	357.7	57.2	205.3	111.2	111.2	172.5	.558
93.3	16.91	13.67	357.4	57.0	205.7	112.0	112.0	172.5	.560
110.4	17.04	13.68	357.5	55.3	209.0	118.9	118.9	171.9	.569
133.3	16.94	13.66	355.9	57.7	206.4	110.3	110.3	174.4	.563
148.6	17.01	13.66	355.1	56.3	208.2	115.6	115.6	173.2	.569
164.2	17.07	13.67	355.8	56.1	209.5	116.9	116.9	173.9	.572
177.6	17.05	13.64	353.8	55.9	209.3	117.2	117.2	173.4	.573
189.7	17.11	13.60	352.4	55.4	212.0	120.3	120.3	174.5	.582
209.0	17.00	13.59	350.0	57.1	208.6	113.3	113.3	175.1	.574
222.3	16.98	13.64	350.0	57.4	206.7	111.3	111.3	174.2	.569
237.3	17.06	13.65	351.4	58.5	208.6	108.9	108.9	177.9	.573
253.2	17.18	13.66	351.9	59.1	212.0	108.7	108.7	182.0	.583
265.2	16.93	13.62	352.2	59.6	207.6	105.0	105.0	179.1	.570
281.3	17.06	13.66	351.7	60.3	208.6	103.4	103.4	181.1	.573
298.4	17.01	13.62	352.0	61.1	208.3	100.7	100.8	182.3	.572
305.3	17.08	13.61	352.9	61.0	211.1	102.2	102.2	184.7	.579
320.6	17.04	13.60	354.2	62.5	210.6	97.4	97.4	186.7	.576
336.2	17.33	13.60	357.8	64.4	219.4	94.9	94.9	197.8	.599
349.6	17.13	13.58	355.7	62.7	214.1	98.3	98.3	190.2	.585

(f-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.7	16.82	13.39	350.3	56.4	210.8	116.6	116.6	175.6	.581
21.4	16.93	13.40	353.3	57.3	214.1	115.6	115.6	180.2	.588
34.1	16.82	13.41	350.6	55.1	210.1	120.2	120.2	172.3	.578
44.7	16.62	13.44	349.9	55.8	203.4	114.5	114.5	168.2	.559
65.1	16.79	13.44	349.7	54.9	207.8	119.4	119.5	170.1	.572
77.5	16.73	13.44	349.8	55.1	206.5	118.1	118.1	169.4	.568
93.3	16.80	13.48	350.2	53.9	207.0	121.9	121.9	167.3	.569
107.8	16.84	13.49	348.5	53.1	207.4	124.6	124.7	165.7	.572
132.1	17.02	13.49	349.8	53.1	212.5	127.6	127.6	169.9	.586
148.2	16.99	13.51	349.2	52.7	211.1	128.0	128.0	167.9	.582
164.3	16.97	13.49	349.0	52.3	211.0	129.0	129.0	166.9	.582
177.3	17.01	13.45	347.2	51.7	212.6	131.8	131.8	166.8	.589
189.7	17.00	13.42	345.4	51.5	213.0	132.5	132.5	166.8	.592
209.4	16.80	13.41	342.9	50.8	207.3	131.0	131.0	160.6	.577
222.1	16.74	13.43	342.7	52.1	205.0	126.0	126.0	161.8	.570
232.7	16.80	13.43	343.8	52.0	207.1	127.5	127.5	163.2	.575
253.1	16.79	13.39	345.6	53.7	208.5	123.3	123.3	168.1	.578
265.5	16.75	13.42	344.6	53.5	206.1	122.6	122.6	165.6	.572
281.3	16.80	13.45	346.0	54.4	207.0	120.6	120.6	168.3	.573
295.8	16.71	13.41	346.1	55.7	206.0	116.0	116.0	170.2	.570
304.1	16.73	13.38	348.7	56.5	208.1	115.0	115.0	173.5	.574
320.2	16.68	13.39	350.4	58.1	207.1	109.4	109.4	175.8	.570
336.3	16.67	13.37	350.4	58.6	207.3	108.1	108.1	176.9	.570
349.3	16.78	13.38	350.5	58.1	210.1	111.0	111.0	178.4	.578

TABLE IV. - Continued.

(f) Continued.

(f-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
21.2	16.65	13.06	344.6	53.9	215.4	126.9	127.0	174.0	.599
33.2	16.58	13.07	346.1	54.5	213.9	124.1	124.2	174.2	.594
49.2	16.54	13.11	348.4	55.7	212.2	119.7	119.7	175.2	.586
65.4	16.72	13.11	347.6	54.4	216.3	125.9	125.9	175.9	.599
76.5	16.66	13.10	345.9	54.2	214.8	125.6	125.7	174.2	.596
93.3	16.82	13.13	346.5	53.9	218.1	128.4	128.5	176.2	.606
107.8	16.83	13.13	346.7	53.0	218.3	131.2	131.3	174.4	.606
133.3	16.73	13.16	342.8	50.1	213.7	137.0	137.0	164.0	.596
148.9	16.91	13.17	343.3	50.2	218.2	139.7	139.7	167.5	.609
164.5	16.83	13.16	343.8	49.9	216.3	139.3	139.3	165.5	.603
176.6	16.77	13.15	343.4	49.2	215.0	140.6	140.6	162.7	.599
184.6	16.80	13.12	343.3	49.4	216.7	140.9	141.0	164.6	.604
209.2	16.72	13.08	341.6	48.5	215.9	142.9	143.0	161.7	.604
221.2	16.64	13.09	341.0	49.3	213.0	138.9	138.9	161.5	.596
237.2	16.70	13.09	342.4	49.4	214.8	139.9	140.0	163.0	.600
253.4	16.69	13.08	342.5	50.7	215.1	136.1	136.1	166.5	.600
264.5	16.78	13.07	343.7	50.6	218.3	138.7	138.7	168.5	.609
281.3	16.70	13.11	344.0	50.1	214.8	137.8	137.8	164.8	.598
295.8	16.67	13.08	344.9	50.3	215.5	137.8	137.8	165.7	.599
305.3	16.52	13.06	347.5	53.1	212.8	127.7	127.7	170.2	.589
320.9	16.55	13.04	346.5	53.2	213.8	128.1	128.1	171.2	.593
336.5	16.51	13.00	347.4	52.1	214.5	131.7	131.8	169.2	.594
348.6	16.48	13.01	347.4	53.7	213.4	126.4	126.4	171.9	.591
356.6	16.45	13.04	345.5	53.6	211.3	125.2	125.3	170.1	.586

(f-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	16.64	12.79	346.3	51.4	224.6	140.1	140.3	175.4	.625
20.8	16.74	12.80	345.8	52.2	226.4	138.7	138.8	173.8	.631
34.3	16.62	12.82	345.8	54.5	227.7	129.2	129.4	181.3	.620
49.2	16.64	12.84	346.2	54.7	222.9	128.8	128.9	181.8	.620
64.7	16.82	12.83	347.7	53.3	228.1	136.1	136.3	182.9	.634
76.5	16.71	12.81	346.0	51.8	225.5	136.4	136.5	179.5	.628
93.0	16.85	12.84	347.0	53.9	228.2	134.4	134.6	184.3	.636
107.7	16.90	12.89	348.5	53.9	228.4	134.5	134.7	184.5	.635
132.5	17.01	12.90	344.4	49.9	229.3	147.6	147.7	175.4	.641
149.3	17.17	12.89	344.8	49.6	233.5	151.1	151.3	177.8	.653
164.1	17.09	12.90	345.2	48.8	231.6	152.5	152.7	174.2	.648
177.6	16.91	12.87	344.7	48.4	228.1	151.2	151.4	179.6	.637
189.6	17.04	12.82	344.3	49.1	232.3	152.1	152.2	175.5	.651
208.8	16.94	12.84	342.5	49.3	228.9	149.3	149.4	173.5	.642
222.3	16.92	12.88	343.9	48.6	227.8	150.5	150.6	170.8	.637
237.2	16.88	12.88	344.1	48.9	226.7	149.0	149.1	170.7	.634
252.7	16.89	12.84	344.7	49.4	228.3	143.7	148.8	173.2	.643
264.5	16.82	12.82	344.2	49.8	227.0	146.4	146.6	173.4	.635
281.0	16.80	12.85	344.2	49.5	225.6	146.5	146.7	171.4	.630
295.7	16.84	12.84	343.9	48.7	226.9	149.7	149.8	170.4	.635
304.5	16.65	12.83	345.0	52.6	223.0	135.4	135.5	177.1	.622
321.3	16.55	12.84	346.3	52.5	220.7	134.3	134.5	175.0	.613
336.1	16.66	12.80	345.4	51.6	224.5	139.5	139.6	175.8	.626
349.6	16.59	12.78	347.6	51.7	223.8	138.6	138.7	175.7	.622

TABLE IV. - Continued.

(f) Continued.

(f-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	16.21	12.68	342.9	56.2	216.2	120.3	120.5	179.5	.603
20.9	16.24	12.67	343.1	55.7	217.4	122.5	122.7	179.4	.607
33.4	16.31	12.66	344.1	55.2	219.7	125.1	125.4	180.4	.612
49.4	16.31	12.67	343.7	55.9	219.4	123.0	123.3	181.5	.612
65.1	16.35	12.64	344.9	55.9	221.6	124.3	124.6	183.3	.618
77.6	16.40	12.65	344.8	56.4	222.4	123.1	123.3	185.1	.620
93.0	16.37	12.70	346.5	56.3	220.7	122.4	122.6	183.5	.613
109.3	16.45	12.70	346.3	56.2	222.5	123.5	123.8	184.9	.619
132.4	16.67	12.73	343.3	53.0	226.2	136.1	136.3	180.6	.633
148.5	16.66	12.71	345.4	53.1	227.2	136.2	136.5	181.6	.634
165.3	16.70	12.71	344.7	52.9	227.9	137.3	137.6	181.7	.637
177.3	16.80	12.71	345.5	52.5	230.7	140.4	140.6	182.8	.644
190.1	16.71	12.67	344.5	52.4	229.6	139.8	140.1	181.9	.642
208.9	16.74	12.70	343.4	52.6	228.9	138.8	139.1	181.8	.641
221.4	16.62	12.73	343.8	52.9	225.0	135.6	135.9	179.4	.629
237.4	16.56	12.74	343.3	52.5	223.2	135.7	135.9	177.1	.624
253.1	16.61	12.70	344.0	52.1	225.9	138.5	138.8	178.2	.631
265.6	16.65	12.67	345.1	52.5	228.1	138.9	139.2	180.8	.637
281.0	16.60	12.69	344.4	52.4	225.9	137.8	138.1	178.9	.631
297.3	16.61	12.68	344.6	52.6	226.8	137.6	137.8	180.1	.634
304.4	16.28	12.67	345.1	55.9	219.0	122.7	122.9	181.2	.610
320.5	16.26	12.68	343.4	54.8	217.6	125.5	125.7	177.6	.607
337.3	16.24	12.63	344.0	55.0	218.8	125.4	125.6	179.2	.610
349.3	16.27	12.64	344.9	55.0	219.7	125.9	126.1	179.9	.612

(f-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	16.38	12.58	339.8	49.7	222.7	144.0	144.4	169.5	.626
19.0	16.34	12.57	339.1	49.6	221.8	143.7	144.1	168.6	.624
33.3	16.33	12.56	338.0	50.2	221.3	141.5	141.9	167.8	.623
48.8	16.25	12.61	338.8	51.2	218.1	136.5	136.9	169.8	.613
65.0	16.34	12.58	339.4	51.2	221.7	133.6	139.1	172.6	.623
77.6	16.31	12.57	339.9	51.1	221.5	138.9	139.3	172.2	.622
92.9	16.39	12.62	339.5	50.7	221.7	140.2	140.6	171.4	.623
108.8	16.41	12.64	342.0	51.0	222.2	139.6	140.1	172.5	.622
132.7	16.70	12.64	339.4	48.5	228.2	151.1	151.6	170.6	.643
148.7	16.77	12.65	340.6	48.4	230.1	152.7	153.2	171.8	.648
164.2	16.80	12.64	339.7	48.9	230.3	151.4	151.9	173.8	.651
177.0	16.77	12.61	340.3	48.3	231.2	153.6	154.1	172.4	.651
190.1	16.76	12.60	338.7	48.3	230.6	153.2	153.7	171.9	.651
207.0	16.76	12.58	338.5	48.4	231.4	153.5	153.9	172.7	.654
221.3	16.70	12.61	338.0	48.3	228.8	152.0	152.5	170.6	.646
236.8	16.64	12.64	337.3	47.6	226.4	152.6	153.0	166.9	.639
253.0	16.68	12.62	339.5	49.3	228.3	148.6	149.1	172.9	.643
265.6	16.58	12.61	337.5	48.3	225.7	149.9	150.3	168.4	.637
280.9	16.56	12.61	338.6	48.5	225.8	149.6	150.0	168.8	.637
296.8	16.49	12.60	338.3	48.3	224.2	148.9	149.4	167.2	.632
304.7	16.28	12.60	339.6	50.1	219.6	140.6	141.0	163.3	.617
320.7	16.37	12.60	339.3	50.0	221.7	142.2	142.7	167.8	.623
336.2	16.36	12.59	339.7	49.5	221.9	144.0	144.4	168.5	.624
349.0	16.30	12.57	339.3	50.1	220.7	141.3	141.7	169.1	.620

TABLE IV. - Continued.

(f) Continued.

(f-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	15.93	12.43	334.8	48.2	214.6	142.8	143.5	159.5	.606
21.3	15.93	12.43	334.7	48.4	214.6	142.2	142.9	160.1	.606
33.3	15.95	12.41	334.8	48.8	215.8	142.0	142.7	161.9	.610
49.3	15.97	12.41	335.0	48.5	216.4	143.2	143.8	161.7	.612
64.7	15.98	12.40	334.2	48.9	216.6	142.2	142.9	162.8	.613
77.0	15.98	12.43	334.5	49.2	215.6	140.6	141.3	162.9	.610
93.2	15.97	12.43	335.5	49.2	215.6	140.7	141.4	162.8	.609
107.4	16.03	12.43	338.4	49.4	218.1	141.8	142.4	165.2	.613
132.2	16.20	12.47	335.3	46.1	220.1	152.4	153.1	158.2	.623
149.0	16.30	12.45	335.0	45.6	223.5	155.9	156.6	159.4	.633
161.7	16.36	12.44	334.9	46.0	225.1	155.9	156.6	161.6	.638
177.6	16.36	12.44	335.1	46.4	225.0	154.9	155.7	162.5	.638
190.2	16.35	12.42	334.8	46.1	225.6	156.0	156.7	162.2	.640
209.3	16.29	12.43	334.8	46.4	223.9	154.2	154.9	161.7	.635
221.3	16.26	12.45	334.4	45.7	222.1	154.6	155.3	158.7	.629
237.3	16.31	12.45	334.7	45.3	223.5	156.9	157.6	158.5	.634
252.7	16.28	12.45	334.5	45.5	222.8	155.8	156.5	158.6	.632
265.0	16.18	12.45	334.5	45.7	220.2	153.4	154.1	157.4	.624
281.2	16.18	12.45	333.9	45.3	220.0	154.4	155.2	156.0	.624
295.4	16.17	12.45	333.6	45.4	219.5	153.8	154.6	155.9	.622
304.2	15.97	12.45	334.6	48.4	214.8	142.3	143.0	160.3	.607
321.0	15.96	12.46	335.0	48.0	214.5	143.3	144.0	159.0	.606
333.7	15.95	12.46	334.6	47.9	214.1	143.3	144.0	158.4	.605
349.6	15.94	12.43	335.2	48.2	215.1	143.1	143.8	159.9	.607

(f-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.1	15.73	13.07	330.7	56.9	185.0	101.1	101.2	154.9	.521
20.4	15.74	13.12	330.5	57.4	183.5	98.9	99.0	154.5	.517
33.6	15.77	13.16	331.1	57.3	183.2	98.9	99.0	154.1	.515
47.9	15.71	13.17	330.2	57.1	180.3	97.9	98.0	151.3	.508
64.7	15.67	13.15	329.7	57.6	180.0	96.3	96.4	152.0	.507
77.1	15.70	13.15	331.1	57.0	181.4	98.8	98.9	152.0	.510
91.8	15.65	13.17	331.2	56.8	179.1	98.0	98.1	149.8	.503
93.0	15.69	13.17	330.9	56.5	180.1	99.3	99.4	150.1	.506
132.0	16.04	13.17	331.1	55.4	190.9	108.5	108.6	157.0	.538
148.0	16.01	13.20	331.8	55.4	189.0	107.4	107.5	155.5	.532
164.1	15.99	13.22	331.4	54.9	187.4	107.7	107.8	153.4	.528
177.7	16.02	13.18	331.6	55.0	190.3	109.2	109.3	155.7	.536
190.1	16.02	13.15	331.5	55.2	191.3	109.2	109.3	157.0	.539
208.4	15.95	13.14	331.1	55.8	189.3	106.4	106.5	156.5	.534
221.6	15.92	13.14	330.8	55.5	183.6	106.7	106.8	155.4	.532
235.9	15.92	13.15	330.4	55.4	183.0	106.9	107.0	154.6	.530
252.7	16.00	13.16	330.9	55.2	190.1	108.6	108.7	156.0	.536
265.1	15.88	13.14	331.0	54.9	187.0	107.5	107.6	153.0	.527
279.8	15.91	13.13	331.1	54.7	188.6	108.9	109.0	153.9	.531
281.0	15.89	13.13	330.9	55.2	188.0	107.2	107.3	154.3	.530
304.0	15.74	13.12	331.2	56.3	183.6	101.8	101.9	152.7	.517
320.0	15.75	13.11	330.4	56.2	184.4	102.5	102.6	153.2	.519
336.1	15.77	13.11	330.7	56.9	184.8	100.9	101.0	154.8	.521
349.7	15.74	13.11	330.1	56.7	183.6	100.8	100.9	153.4	.518

TABLE IV. - Continued.

(f) Continued.

(f-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
4.5	15.62	12.72	330.3	52.9	194.6	117.3	117.4	155.2	.550
20.2	15.71	12.71	330.8	52.6	197.4	120.0	120.0	156.7	.558
33.4	15.65	12.70	330.7	53.1	195.9	117.7	117.8	156.6	.554
48.6	15.63	12.72	330.5	53.1	194.8	116.9	117.0	155.8	.551
65.8	15.59	12.71	331.1	53.3	194.0	115.9	116.0	155.6	.548
76.7	15.60	12.71	331.2	53.4	194.7	116.1	116.2	156.2	.550
93.1	15.57	12.74	330.9	54.5	192.5	111.9	111.9	156.6	.543
108.9	15.65	12.77	331.9	53.9	193.8	114.2	114.3	156.6	.546
132.2	15.83	12.77	331.2	48.7	199.1	131.5	131.5	149.5	.563
147.7	15.90	12.77	331.9	49.1	201.2	131.7	131.8	152.0	.568
164.5	15.97	12.77	331.6	49.0	203.2	133.3	133.4	153.3	.575
176.8	15.96	12.76	331.9	48.8	203.4	133.9	133.9	153.1	.575
192.5	15.91	12.73	331.7	48.5	202.7	134.3	134.4	152.0	.574
208.2	15.94	12.71	331.5	49.5	204.0	132.4	132.4	155.2	.577
221.4	15.92	12.68	331.2	49.2	204.6	133.7	133.8	154.8	.579
236.6	15.89	12.68	331.8	49.3	204.2	133.0	133.1	154.9	.578
253.8	15.92	12.70	331.2	48.4	203.8	135.4	135.4	152.3	.577
264.7	15.92	12.72	331.4	48.5	203.4	134.6	134.7	152.4	.576
281.1	15.95	12.72	330.9	48.5	204.0	135.1	135.1	152.9	.578
296.9	15.97	12.70	331.2	48.6	205.3	135.8	135.8	154.0	.582
304.2	15.71	12.69	331.0	52.8	198.3	119.9	119.9	158.0	.561
319.7	15.67	12.73	330.9	52.7	196.0	118.9	118.9	155.9	.554
336.5	15.67	12.73	331.1	53.2	195.8	117.3	117.3	156.7	.553
348.8	15.62	12.71	331.0	53.3	194.9	116.6	116.6	156.2	.550

(f-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.8	15.63	11.81	331.1	48.9	226.4	148.8	148.9	170.5	.646
20.6	15.67	11.79	330.9	48.6	228.0	150.7	150.8	170.9	.651
33.9	15.63	11.80	331.1	48.4	226.6	150.4	150.6	169.4	.647
48.3	15.55	11.82	329.6	49.6	223.4	144.7	144.8	170.2	.639
65.7	15.50	11.92	330.3	48.7	222.3	146.5	146.7	167.0	.634
77.1	15.47	11.83	330.4	48.3	221.2	147.1	147.2	165.1	.631
91.9	15.47	11.83	331.0	48.3	221.4	147.2	147.3	165.3	.631
109.2	15.46	11.84	330.4	49.4	220.6	143.5	143.6	167.4	.629
132.5	15.80	11.85	329.4	42.8	228.5	167.6	167.8	155.1	.655
148.2	15.82	11.85	329.8	41.6	229.2	171.5	171.6	152.0	.656
164.3	15.86	11.83	330.2	42.5	230.9	170.3	170.5	155.8	.661
177.3	15.86	11.82	330.7	42.2	231.2	171.1	171.2	155.3	.661
189.8	15.86	11.82	330.9	42.4	231.5	170.8	171.0	156.1	.662
208.6	15.82	11.82	330.1	42.6	230.3	169.3	169.4	155.9	.659
221.9	15.82	11.83	330.3	42.2	229.9	170.3	170.5	154.2	.658
236.3	15.78	11.83	330.0	42.5	228.9	168.8	168.9	154.5	.655
253.7	15.79	11.84	330.0	42.3	229.0	169.3	169.5	154.0	.655
265.1	15.81	11.85	330.0	41.5	229.0	171.5	171.7	151.5	.655
279.9	15.79	11.86	329.9	42.2	227.9	168.8	169.0	152.9	.652
297.2	15.80	11.85	329.8	42.1	228.8	169.7	169.9	153.3	.655
304.5	15.58	11.84	329.5	49.4	223.5	145.3	145.5	169.7	.639
320.2	15.60	11.82	330.1	49.4	224.7	146.1	146.3	170.6	.642
336.3	15.63	11.81	330.3	49.5	225.9	146.6	146.7	171.8	.645
349.3	15.64	11.84	331.2	48.6	225.3	149.1	149.2	168.9	.643

TABLE IV. - Continued.

(f) Continued.

(f-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.0	15.86	11.02	336.5	50.7	258.5	163.1	164.8	199.1	.740
19.9	15.97	11.01	336.5	50.5	261.0	165.2	166.9	200.7	.748
33.8	15.96	11.01	335.1	50.8	260.2	163.9	165.5	200.7	.748
49.8	15.90	10.97	335.2	51.3	260.2	162.2	163.9	202.2	.748
63.8	15.90	10.97	335.0	51.5	260.1	161.3	162.9	202.7	.748
77.0	15.92	10.96	335.2	51.3	261.0	162.5	164.1	202.9	.750
93.5	15.93	10.97	335.0	50.8	260.7	164.1	165.8	201.2	.749
109.5	15.96	10.98	336.0	51.2	261.6	163.2	164.8	203.1	.751
132.3	15.78	11.00	332.1	44.3	255.6	181.9	183.7	177.7	.737
148.6	15.77	11.00	332.4	43.7	255.8	183.9	185.7	175.9	.737
164.8	15.79	11.03	333.0	44.5	255.3	181.2	183.1	178.0	.735
176.7	15.79	11.04	333.0	43.7	254.9	183.3	185.2	175.2	.733
189.0	15.79	11.03	333.0	43.6	255.1	183.9	185.7	174.9	.734
207.9	15.68	11.02	332.8	44.1	253.1	180.7	182.5	175.3	.728
221.8	15.71	11.05	332.6	43.3	252.9	183.1	185.0	172.4	.728
237.8	15.68	11.05	333.0	43.3	252.3	182.7	184.5	172.1	.725
251.8	15.68	11.04	333.1	43.4	252.6	182.5	184.3	172.7	.726
265.0	15.64	11.05	333.3	43.3	251.5	182.1	183.9	171.5	.722
281.5	15.64	11.04	333.4	43.1	251.9	182.8	184.7	171.3	.723
297.5	15.68	11.01	333.0	43.2	253.6	184.0	185.8	172.5	.729
304.3	15.99	11.00	334.9	51.1	261.1	163.4	165.1	202.3	.751
320.6	15.92	11.00	336.1	51.1	260.2	162.6	164.3	201.8	.747
336.8	15.90	10.99	335.9	50.6	259.9	164.1	165.8	200.1	.746
348.7	15.92	11.02	335.1	50.8	259.2	163.3	164.9	199.9	.744

(f-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	16.65	13.66	352.3	-.8	197.5	196.7	197.4	-2.8	.540
22.6	16.66	13.66	352.7	-.9	197.6	196.9	197.6	-2.9	.540
36.0	16.64	13.63	352.0	-1.0	197.9	197.2	197.9	-3.4	.541
48.1	16.62	13.62	353.7	-1.0	198.1	197.4	198.1	-3.5	.541
67.4	16.48	13.65	352.9	-1.4	192.8	192.1	192.8	-4.7	.526
80.7	16.56	13.65	353.9	-1.5	195.4	194.6	195.3	-4.9	.533
95.7	16.62	13.64	353.5	-1.2	197.2	196.5	197.2	-4.0	.538
111.6	16.52	13.64	352.7	-1.5	194.6	193.8	194.5	-5.1	.531
123.6	16.54	13.64	352.4	-1.3	194.6	193.9	194.6	-4.3	.532
139.7	16.47	13.65	351.2	-1.4	192.1	191.4	192.0	-4.6	.525
156.8	16.44	13.64	350.0	-1.5	190.8	190.1	190.8	-5.1	.523
171.7	16.46	13.64	351.3	-.5	191.9	191.2	191.9	-1.8	.525
187.0	16.46	13.66	350.9	-.3	191.4	190.7	191.4	-1.1	.524
202.6	16.45	13.63	350.5	-.3	191.9	191.2	191.9	-.9	.525
216.0	16.44	13.66	348.9	-.2	190.2	189.5	190.2	-.8	.522
228.1	16.41	13.67	348.2	-.2	188.6	187.9	188.6	-.7	.518
247.4	16.41	13.67	347.1	-.1	188.6	188.0	188.6	-.4	.519
260.7	16.44	13.66	348.0	-.0	189.9	189.3	189.9	-.1	.522
275.7	16.46	13.66	348.8	.2	190.9	190.2	190.9	.6	.524
291.6	16.44	13.66	349.1	.0	190.0	189.4	190.0	.1	.521
303.6	16.44	13.68	349.4	.3	189.5	188.9	189.5	.9	.519
319.7	16.41	13.67	349.5	.5	189.0	188.3	189.0	1.6	.518
336.8	16.29	13.66	350.0	.0	185.6	185.0	185.6	.2	.508
351.7	16.61	13.66	350.4	-.8	195.5	194.8	195.5	-2.9	.536

TABLE IV. - Continued.

(f) Continued.

(f-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.6	16.54	13.65	348.7	-2.9	193.5	192.6	193.3	-9.8	.531
22.7	16.54	13.65	348.2	-3.5	193.2	192.2	192.9	-11.8	.531
35.7	16.58	13.64	348.9	-2.7	195.1	194.2	194.9	-9.0	.536
48.1	16.56	13.63	349.9	-1.8	195.1	194.3	195.0	-6.1	.535
67.8	16.51	13.66	349.8	-2.5	192.5	191.6	192.3	-8.2	.528
80.5	16.57	13.66	351.4	-2.1	194.6	193.7	194.4	-7.1	.532
91.1	16.57	13.66	350.2	-2.7	194.4	193.5	194.2	-9.2	.533
111.5	16.53	13.65	350.0	-2.5	193.2	192.3	193.0	-8.5	.529
123.9	16.59	13.66	349.1	-2.8	194.6	193.7	194.4	-9.4	.534
139.7	16.46	13.66	348.0	-2.8	190.2	189.3	190.0	-9.1	.522
154.2	16.46	13.66	346.8	-2.7	190.0	189.1	189.7	-8.8	.523
170.5	16.53	13.64	348.1	-1.2	193.2	192.5	193.2	-3.9	.531
186.6	16.51	13.65	347.3	-1.0	192.1	191.3	192.0	-3.4	.528
202.7	16.51	13.64	346.7	-1.0	192.2	191.5	192.2	-3.5	.529
215.7	16.45	13.66	345.0	-1.1	189.2	188.4	189.1	-3.6	.522
228.1	16.41	13.68	344.5	-1.2	187.5	186.8	187.5	-3.8	.517
247.8	16.43	13.67	344.0	-1.3	188.3	187.6	188.3	-4.3	.520
260.5	16.44	13.66	344.8	-1.1	189.0	188.3	189.0	-3.5	.521
271.1	16.46	13.65	344.5	-1.2	189.9	189.2	189.8	-3.9	.524
291.5	16.45	13.66	345.6	-1.1	189.5	188.7	189.4	-3.7	.522
303.9	16.48	13.67	346.0	-1.0	190.2	189.5	190.2	-3.4	.524
319.7	16.42	13.66	346.8	-.8	188.6	187.9	188.6	-2.7	.519
334.2	16.37	13.66	347.3	-.4	187.3	186.6	187.3	-1.2	.514
350.5	16.49	13.67	348.0	-2.7	191.0	190.1	190.8	-8.9	.525

(f-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	16.40	13.62	345.1	-3.6	189.3	188.2	188.9	-11.7	.522
22.9	16.40	13.63	345.0	-3.8	189.0	187.9	188.6	-12.4	.521
35.0	16.41	13.62	345.9	-4.1	190.0	188.8	189.5	-13.4	.523
43.0	16.44	13.61	344.1	-3.9	190.6	189.5	190.2	-12.8	.527
67.6	16.44	13.65	345.9	-3.6	189.7	188.7	189.4	-11.7	.523
79.6	16.47	13.65	345.4	-4.1	190.4	189.2	190.0	-13.4	.525
95.6	16.55	13.64	346.3	-3.7	193.5	192.3	193.1	-12.3	.533
111.8	16.56	13.65	346.5	-3.8	193.5	192.4	193.1	-12.8	.533
122.9	16.58	13.67	345.9	-3.8	193.2	192.1	192.8	-12.6	.533
139.7	16.52	13.66	344.8	-4.1	191.3	190.1	190.8	-13.5	.528
154.2	16.48	13.66	343.1	-4.2	189.6	188.4	189.1	-13.7	.525
171.7	16.58	13.66	344.0	-1.2	192.8	192.1	192.8	-4.0	.533
187.3	16.58	13.65	344.6	-1.3	193.4	192.6	193.4	-4.5	.534
202.9	16.59	13.66	344.2	-1.3	193.5	192.7	193.4	-4.4	.535
215.0	16.54	13.66	343.7	-1.5	191.7	190.9	191.7	-4.9	.530
223.0	16.54	13.66	343.3	-1.5	191.8	191.0	191.8	-4.8	.531
247.6	16.41	13.61	342.1	-1.5	189.0	188.2	188.9	-5.0	.524
259.6	16.44	13.58	342.6	-1.5	191.1	190.4	191.1	-5.1	.529
275.6	16.42	13.58	343.0	-1.5	190.7	189.9	190.6	-5.1	.528
291.8	16.41	13.60	343.3	-1.4	190.0	189.2	189.9	-4.7	.525
302.9	16.41	13.62	343.2	-1.5	189.2	188.5	189.2	-5.0	.523
319.7	16.38	13.62	343.3	-1.8	188.3	187.5	188.2	-5.9	.520
334.2	16.30	13.62	344.0	-1.4	186.0	185.2	185.9	-4.6	.513
351.7	16.35	13.62	345.1	-3.8	188.0	186.9	187.6	-12.5	.518

TABLE IV. - Continued.

(f) Continued.

(f-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	16.15	13.55	340.6	-3.7	182.9	181.8	182.5	-11.6	.507
22.5	16.15	13.53	340.6	-3.1	183.7	182.7	183.4	-10.0	.509
36.0	16.17	13.51	341.4	-2.5	185.5	184.6	185.3	-8.0	.514
48.0	16.25	13.51	342.0	-3.8	188.1	187.0	187.7	-12.4	.521
67.2	16.23	13.57	342.2	-3.2	185.0	184.0	184.7	-10.3	.512
80.7	16.25	13.60	342.6	-3.1	184.9	183.9	184.6	-10.0	.511
95.6	16.30	13.60	341.2	-2.7	185.8	184.8	185.6	-8.8	.515
111.1	16.29	13.60	342.6	-3.0	186.1	185.0	185.8	-9.8	.515
122.9	16.41	13.59	342.5	-2.7	190.0	189.0	189.8	-9.0	.526
139.4	16.30	13.60	341.7	-2.9	186.3	185.3	186.1	-9.4	.516
154.1	16.33	13.60	341.9	-2.9	187.0	186.0	186.8	-9.3	.518
170.9	16.35	13.59	340.6	-1.3	187.7	186.9	187.6	-4.4	.521
187.7	16.34	13.58	341.1	-1.4	187.7	186.9	187.6	-4.5	.521
202.5	16.39	13.57	341.4	-1.5	189.8	189.0	189.7	-4.9	.526
216.0	16.34	13.56	340.8	-1.3	188.5	187.7	188.4	-4.1	.523
228.0	16.30	13.55	340.4	-1.3	187.6	186.8	187.5	-4.1	.521
247.2	16.27	13.54	340.1	-1.2	186.9	186.1	186.8	-3.9	.519
260.7	16.25	13.54	340.0	-1.3	186.5	185.7	186.5	-4.3	.518
275.6	16.23	13.54	340.4	-1.4	185.9	185.1	185.8	-4.5	.516
291.1	16.19	13.54	340.0	-1.3	184.4	183.6	184.3	-4.2	.512
302.9	16.19	13.54	340.2	-1.2	184.7	183.9	184.7	-4.0	.513
319.4	16.24	13.55	340.6	-1.0	185.7	184.9	185.7	-3.2	.515
334.1	16.09	13.55	339.3	-1.6	180.6	179.8	180.5	-5.1	.501
350.9	16.15	13.55	341.0	-3.0	183.0	182.0	182.8	-9.5	.507

(f-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	16.02	13.53	338.2	-4.0	179.0	177.9	178.6	-12.3	.498
23.7	15.98	13.52	338.0	-3.5	178.0	177.0	177.7	-10.9	.495
35.7	16.07	13.51	338.3	-3.6	181.5	180.3	181.1	-11.4	.505
48.5	16.03	13.50	338.1	-3.9	180.5	179.3	180.1	-12.1	.502
67.3	16.05	13.54	337.9	-3.8	179.4	178.3	179.0	-11.9	.499
79.8	16.07	13.56	338.3	-3.6	179.4	178.3	179.1	-11.3	.499
95.8	16.15	13.56	339.8	-3.4	182.1	181.0	181.8	-10.7	.505
111.5	16.16	13.56	339.8	-3.5	182.7	181.6	182.4	-11.2	.507
124.0	16.28	13.55	341.3	-3.3	187.1	186.0	186.8	-10.7	.519
139.4	16.20	13.55	339.2	-2.9	184.2	183.2	184.0	-9.4	.512
155.7	16.16	13.55	338.6	-3.2	182.8	181.8	182.5	-10.3	.508
170.8	16.17	13.56	337.4	-1.8	182.4	181.6	182.4	-5.6	.508
186.9	16.20	13.56	338.3	-1.9	183.4	182.5	183.3	-5.9	.510
203.7	16.22	13.56	338.3	-1.9	184.1	183.2	184.0	-6.1	.512
215.7	16.23	13.55	337.8	-1.8	184.5	183.6	184.4	-5.9	.514
228.5	16.20	13.55	338.1	-1.8	183.9	183.1	183.8	-5.7	.512
247.3	16.10	13.51	337.1	-1.8	182.1	181.3	182.0	-5.8	.508
259.8	16.13	13.49	337.8	-1.7	183.8	183.0	183.8	-5.6	.512
275.8	16.14	13.50	337.7	-1.9	183.7	182.8	183.6	-6.1	.512
291.5	16.11	13.50	338.0	-2.0	183.0	182.1	182.9	-6.4	.509
304.0	16.06	13.50	337.5	-2.0	181.2	180.3	181.1	-6.2	.504
319.4	16.07	13.50	338.1	-1.9	181.6	180.8	181.5	-5.9	.505
335.7	16.00	13.51	337.4	-2.1	178.6	177.7	178.5	-6.6	.497
350.8	15.98	13.52	338.1	-3.9	178.1	176.9	177.6	-12.2	.495

TABLE IV. - Continued.

(f) Continued.

(f-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	15.93	13.55	336.1	-3.6	174.9	173.8	174.5	-10.9	.487
22.6	15.93	13.51	335.8	-3.7	176.2	175.1	175.9	-11.3	.491
35.4	15.90	13.50	335.3	-3.9	175.6	174.4	175.2	-11.8	.490
48.5	15.97	13.49	336.1	-3.8	178.1	176.9	177.7	-11.8	.497
65.4	15.97	13.56	336.5	-3.8	175.9	174.8	175.5	-11.7	.490
79.7	16.01	13.62	336.5	-3.7	174.7	173.6	174.3	-11.1	.486
95.2	15.98	13.60	336.2	-3.7	174.3	173.2	173.9	-11.3	.485
111.4	15.99	13.58	337.3	-3.5	175.6	174.6	175.3	-10.6	.488
124.0	16.14	13.58	337.9	-3.3	180.5	179.4	180.2	-10.5	.502
139.3	16.08	13.57	336.8	-3.4	178.8	177.7	178.5	-10.6	.498
155.2	16.02	13.56	336.1	-3.5	177.1	175.9	176.7	-10.9	.493
171.1	16.01	13.57	335.6	-2.0	176.6	175.8	176.5	-6.1	.493
187.1	16.07	13.57	336.4	-2.0	173.7	177.8	178.6	-6.1	.498
202.6	16.10	13.55	336.7	-2.1	180.2	179.3	180.1	-6.5	.502
215.4	16.08	13.54	335.8	-1.8	179.8	178.9	179.7	-5.8	.502
228.5	16.07	13.54	335.7	-2.0	179.5	178.6	179.4	-6.3	.501
245.4	16.03	13.53	335.2	-2.0	178.5	177.6	178.3	-6.2	.498
259.7	16.03	13.54	335.5	-2.0	177.9	177.0	177.8	-6.2	.496
275.2	16.02	13.53	335.8	-2.1	178.1	177.2	178.0	-6.5	.497
291.4	15.96	13.52	335.2	-2.2	176.3	175.4	176.2	-6.7	.492
304.0	15.97	13.53	334.9	-2.3	176.3	175.4	176.2	-7.1	.492
319.3	15.98	13.53	335.0	-2.3	176.7	175.8	176.6	-7.0	.493
335.2	15.92	13.54	334.4	-2.4	174.5	173.5	174.3	-7.3	.487
351.1	15.91	13.54	335.1	-3.6	174.2	173.1	173.8	-10.8	.486

(f-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	15.51	13.49	331.5	-1.4	161.5	160.7	161.5	-3.9	.452
20.1	15.50	13.48	331.2	-1.4	161.5	160.7	161.5	-3.9	.452
36.0	15.51	13.47	331.6	-1.2	162.0	161.2	161.9	-3.4	.453
48.6	15.53	13.47	331.1	-1.4	162.7	161.8	162.6	-4.0	.455
67.7	15.54	13.55	331.3	-1.7	160.0	159.2	160.0	-4.6	.447
79.7	15.54	13.56	331.1	-1.6	159.3	158.4	159.2	-4.4	.445
95.7	15.56	13.55	331.2	-1.6	160.8	160.0	160.8	-4.4	.450
111.1	15.58	13.54	332.6	-1.7	162.0	161.1	161.9	-4.9	.452
123.4	15.64	13.53	332.6	-1.6	164.4	163.5	164.3	-4.6	.459
139.6	15.66	13.53	331.9	-1.8	165.1	164.3	165.1	-5.1	.462
153.8	15.65	13.53	332.2	-1.8	164.7	163.8	164.6	-5.1	.460
170.6	15.61	13.53	332.3	-1.4	163.1	162.3	163.1	-4.0	.456
187.4	15.63	13.52	332.4	-1.4	164.7	163.9	164.7	-3.9	.460
200.1	15.67	13.51	332.4	-1.5	166.2	165.4	166.2	-4.2	.465
216.0	15.65	13.52	332.1	-1.2	165.5	164.7	165.5	-3.3	.463
228.6	15.63	13.51	332.0	-.8	164.9	164.1	164.9	-2.4	.461
247.7	15.60	13.50	331.6	-1.1	164.1	163.3	164.1	-3.0	.459
259.7	15.58	13.49	331.4	-1.0	163.6	162.8	163.6	-3.0	.458
275.7	15.58	13.50	331.8	-1.2	163.7	162.9	163.7	-3.3	.458
291.1	15.55	13.49	331.9	-1.1	162.9	162.0	162.8	-3.0	.455
303.4	15.55	13.50	331.8	-1.1	162.6	161.8	162.6	-3.2	.455
319.6	15.57	13.50	331.4	-1.1	163.2	162.4	163.1	-3.1	.456
333.8	15.52	13.49	331.1	-1.4	161.4	160.6	161.4	-3.9	.452
350.6	15.52	13.49	331.2	-1.1	161.4	160.5	161.3	-3.2	.451

TABLE IV. - Continued.

(f) Concluded.

(f-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	15.46	13.09	326.7	15.0	174.6	167.2	168.8	44.7	.493
24.4	15.48	13.01	326.9	15.0	178.2	170.7	172.3	45.6	.504
43.7	15.49	13.08	327.0	15.0	175.8	168.3	170.0	45.0	.497
57.0	15.48	13.02	327.1	15.0	177.8	170.3	171.9	45.5	.503
72.0	15.46	13.03	327.2	15.0	176.9	169.4	171.0	45.3	.500
87.9	15.46	13.04	327.3	15.0	176.8	169.2	170.9	45.2	.499
99.9	15.51	13.00	327.5	15.0	179.9	172.2	173.9	46.1	.509
116.0	15.48	13.10	327.6	15.0	175.2	167.7	169.3	44.8	.494
133.1	15.53	13.01	327.7	15.0	180.3	172.6	174.3	46.2	.510
328.0	15.47	13.07	326.4	15.0	175.8	168.3	169.9	45.0	.497
343.3	15.47	13.06	326.5	15.0	175.9	168.4	170.0	45.0	.498
358.9	15.48	13.05	326.7	15.0	177.0	169.4	171.1	45.3	.501

(f-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.9	15.04	12.74	326.2	11.7	174.2	169.3	170.6	35.2	.493
73.2	15.04	12.75	326.2	11.8	174.0	169.0	170.4	35.3	.492
88.8	14.99	12.75	326.2	11.8	172.2	167.3	168.6	34.8	.487
102.2	14.99	12.74	326.3	11.8	172.6	167.6	169.0	35.0	.488
114.3	14.98	12.77	326.3	11.8	170.8	166.0	167.3	34.7	.483
133.6	14.99	12.74	326.3	11.7	172.7	167.8	169.1	34.8	.488
146.9	14.97	12.74	326.4	11.7	172.0	167.1	168.4	34.7	.486
161.9	14.97	12.72	326.4	11.7	172.4	167.5	168.8	34.8	.487
177.8	14.96	12.72	326.4	11.7	172.4	167.6	168.9	34.7	.487
189.8	14.93	12.72	326.4	11.7	171.4	166.6	167.9	34.5	.484
205.9	14.95	12.73	326.4	11.7	171.7	166.9	168.2	34.5	.485
223.0	14.94	12.72	326.3	11.7	171.5	166.7	168.0	34.5	.485

(f-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.9	14.82	12.44	329.6	6.7	179.8	177.3	178.6	20.9	.507
30.0	14.83	12.42	329.5	6.7	180.6	178.0	179.4	21.0	.509
224.9	14.97	12.54	329.1	6.8	180.5	178.0	179.3	21.2	.509
240.2	14.89	12.51	329.5	6.7	179.3	176.8	178.1	20.9	.505
255.8	14.87	12.50	330.0	6.7	179.2	176.7	178.0	20.8	.505
269.2	14.88	12.50	329.5	6.7	179.1	176.6	177.9	20.8	.505
281.3	14.85	12.47	329.7	6.7	179.7	177.2	178.5	20.8	.506
300.6	14.93	12.52	329.3	6.7	180.2	177.6	179.0	20.9	.508
313.9	14.90	12.46	329.6	6.7	181.6	179.0	180.3	21.0	.512
328.9	14.93	12.44	329.7	6.7	183.5	180.9	182.2	21.3	.517
344.8	14.91	12.44	329.7	6.7	182.5	179.9	181.3	21.2	.514
356.8	14.85	12.44	329.6	6.7	180.9	178.3	179.6	21.0	.510

TABLE IV. - Continued.

(g) 70 Percent of design speed; reading 286-418

(g-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.8	9.93	9.58	288.1	-9.3	77.3	76.3	76.3	-12.5	.228
24.3	10.03	9.59	288.3	-4.9	86.1	85.7	85.7	-7.4	.254
36.6	10.03	9.58	288.6	-10.1	87.5	86.1	86.1	-15.3	.259
56.2	9.97	9.61	288.3	-18.0	77.5	73.7	73.7	-24.0	.229
68.6	10.00	9.65	288.3	-16.0	76.9	73.9	73.9	-21.2	.227
84.3	10.03	9.66	287.9	-14.8	78.5	75.9	75.9	-20.0	.232
99.9	10.04	9.68	287.5	-12.5	78.0	76.2	76.2	-16.8	.231
112.7	10.07	9.69	287.4	-10.1	80.1	78.9	78.9	-14.0	.237
128.2	10.11	9.69	287.1	-13.6	82.8	80.5	80.5	-19.5	.245
145.1	10.16	9.68	287.1	-10.6	88.6	87.1	87.1	-16.3	.263
162.1	10.14	9.71	287.3	-6.2	85.0	84.5	84.5	-9.2	.252
178.1	10.17	9.71	287.8	-2.7	87.0	86.9	86.9	-4.1	.258
193.8	10.17	9.71	287.7	1.1	87.7	87.6	87.6	1.7	.260
207.3	10.16	9.71	287.7	4.7	85.6	85.3	85.3	7.0	.253
219.6	10.16	9.71	288.1	8.3	86.3	85.3	85.3	12.5	.255
239.2	10.13	9.69	288.5	8.9	85.0	83.9	83.9	13.2	.251
251.6	10.09	9.67	288.0	8.1	84.0	83.1	83.1	11.8	.248
267.3	10.09	9.64	287.9	10.2	86.1	84.7	84.7	15.3	.255
282.9	10.06	9.62	287.8	12.6	85.2	83.1	83.1	18.5	.252
295.7	10.00	9.61	287.3	14.0	80.7	78.3	78.3	19.5	.239
311.2	9.96	9.61	287.1	17.3	77.3	73.8	73.8	23.0	.229
328.1	10.04	9.60	287.5	12.8	85.4	83.3	83.3	18.8	.253
339.1	10.05	9.59	288.0	.7	87.9	87.9	87.9	1.1	.260
355.1	10.03	9.57	288.3	-2.6	87.5	87.4	87.4	-4.0	.259

(g-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.1	9.89	9.57	288.3	-6.0	73.9	73.5	73.5	-7.7	.218
24.3	10.07	9.58	288.7	-2.9	90.4	90.3	90.3	-4.5	.267
36.8	10.10	9.58	288.9	-7.6	93.4	92.5	92.5	-12.3	.276
56.1	10.05	9.60	288.4	-10.9	86.2	84.7	84.7	-16.2	.255
68.4	10.02	9.63	288.2	-9.8	80.7	79.5	79.5	-13.7	.238
84.3	10.03	9.64	288.0	-10.6	81.2	79.8	79.8	-15.0	.240
99.9	10.10	9.66	287.5	-9.5	85.3	84.2	84.2	-14.0	.253
112.4	10.13	9.67	287.9	-11.6	87.8	86.0	86.0	-17.7	.260
128.0	10.10	9.68	287.2	-9.2	82.9	81.8	81.8	-13.2	.246
145.0	10.12	9.68	287.1	-9.5	85.6	84.5	84.5	-14.1	.254
162.2	10.07	9.69	287.2	-4.3	78.6	78.4	78.4	-5.9	.233
178.0	10.15	9.70	287.3	-2.4	85.8	85.7	85.7	-3.6	.254
194.1	10.17	9.70	287.7	.2	87.6	87.6	87.6	.2	.259
207.3	10.16	9.71	288.5	4.5	87.0	86.8	86.8	6.8	.257
219.8	10.12	9.71	288.3	6.2	83.0	82.5	82.6	9.0	.245
239.1	10.16	9.68	287.9	4.2	88.4	88.2	88.2	6.5	.262
251.4	10.06	9.65	287.8	5.2	82.2	81.9	81.9	7.4	.243
267.3	10.10	9.63	288.0	7.1	88.7	88.0	88.0	10.9	.263
282.9	10.08	9.62	287.5	8.1	88.1	87.2	87.2	12.4	.261
295.4	10.05	9.61	287.3	8.0	86.0	85.2	85.2	12.0	.255
311.0	9.98	9.60	287.0	10.8	79.9	78.5	73.5	14.9	.236
328.0	9.96	9.59	287.1	8.2	78.8	77.0	78.0	11.2	.233
339.2	10.13	9.58	288.4	-9	95.7	95.7	95.7	-1.5	.284
355.0	10.09	9.57	288.3	-3.9	93.8	93.6	93.6	-6.4	.278

TABLE IV. - Continued.

(g) Continued.

(g-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.2	9.93	9.57	288.4	-1.4	77.5	77.5	77.5	-1.9	.229
23.9	10.10	9.57	288.5	-.7	93.5	93.5	93.5	-1.1	.277
36.6	10.12	9.58	288.6	-2.7	94.7	94.6	94.6	-4.4	.280
55.6	10.09	9.59	288.4	-2.1	90.8	90.7	90.7	-3.4	.269
68.7	10.11	9.62	288.4	-.5	90.3	90.2	90.3	-.9	.267
84.1	10.06	9.63	288.0	-3.2	85.2	85.1	85.1	-4.7	.252
99.9	10.12	9.64	287.8	-4.3	89.0	88.8	88.8	-6.7	.264
112.3	10.10	9.65	287.5	-5.	86.4	86.0	86.0	-8.1	.256
128.1	10.11	9.66	286.9	-3.9	85.8	85.6	85.6	-5.8	.254
145.1	10.10	9.67	287.0	-1.9	84.5	84.5	84.5	-2.7	.251
161.8	10.07	9.68	287.7	1.3	81.1	81.0	81.0	1.8	.240
178.2	10.16	9.68	287.7	.3	88.9	88.8	88.9	.5	.263
194.2	10.17	9.69	283.0	1.8	89.1	89.0	89.0	2.8	.264
206.9	10.15	9.69	288.0	3.4	87.0	86.8	86.8	5.2	.257
219.6	10.12	9.68	288.1	2.9	85.3	85.2	85.2	4.4	.252
238.6	10.10	9.67	287.9	.8	84.8	84.8	84.8	1.1	.251
251.7	10.12	9.64	288.4	2.0	89.2	89.2	89.2	3.1	.264
267.1	10.13	9.62	288.1	3.1	92.2	92.0	92.0	5.0	.273
282.9	10.11	9.61	287.9	1.4	91.6	91.6	91.6	2.3	.271
295.3	10.17	9.60	287.4	-.5	97.6	97.6	97.6	-.8	.290
311.1	9.95	9.58	286.3	.4	78.6	78.6	78.6	.5	.233
328.1	9.95	9.58	286.7	1.2	78.7	78.7	78.7	1.6	.233
338.8	10.15	9.58	288.3	-1.7	97.3	97.3	97.3	-2.8	.288
355.2	10.10	9.57	288.2	-2.1	93.4	93.3	93.4	-3.3	.277

(g-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VF.	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.6	10.14	9.55	288.3	-1.7	99.3	99.2	99.3	-2.9	.294
24.0	10.10	9.55	288.5	-.9	95.8	95.7	95.8	-1.4	.284
36.5	10.13	9.55	288.8	.6	97.7	97.7	97.7	1.0	.289
55.9	10.08	9.56	288.5	.5	93.2	93.2	93.2	.7	.276
68.2	10.06	9.60	288.2	-1.0	88.0	87.9	88.0	-1.5	.260
83.9	10.04	9.60	288.6	.6	85.9	85.9	85.9	.9	.254
99.0	10.14	9.62	288.1	-.3	93.0	93.0	93.0	-.4	.275
112.5	10.02	9.63	287.6	-1.1	80.8	80.7	80.8	-1.5	.239
128.1	10.15	9.63	287.1	-1.3	92.4	92.4	92.4	-2.1	.274
145.0	10.14	9.64	287.5	-2.4	90.9	90.8	90.9	-3.7	.269
161.7	10.07	9.64	287.6	2.8	84.7	84.5	84.5	4.1	.251
177.7	10.12	9.65	287.9	3.2	87.8	87.7	87.7	4.9	.260
193.6	10.15	9.65	288.0	2.9	90.3	90.2	90.2	4.6	.267
207.0	10.13	9.65	288.0	2.4	89.2	89.1	89.1	3.7	.264
219.5	10.13	9.65	288.2	1.3	89.1	89.0	89.0	2.1	.264
238.9	10.10	9.64	288.0	.3	88.0	88.0	88.0	.4	.261
251.2	10.13	9.61	288.3	-.2	92.6	92.5	92.6	-.2	.274
266.9	10.11	9.59	288.5	.5	93.5	93.5	93.5	.8	.277
282.0	10.11	9.58	287.6	.8	94.2	94.2	94.2	1.3	.279
295.5	10.16	9.57	288.2	-.9	99.1	99.1	99.1	-1.5	.294
311.1	10.09	9.56	287.7	-2.2	93.9	93.9	93.9	-3.6	.278
328.0	10.08	9.55	287.7	.3	93.2	93.2	93.2	.5	.276
338.7	10.13	9.55	288.3	-2.9	98.5	98.3	98.3	-4.9	.292
354.7	10.14	9.55	288.5	-.7	99.3	99.3	99.3	-1.1	.294

TABLE IV. - Continued.

(g) Continued.

(g-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.4	10.12	9.54	288.3	.1	99.1	99.1	99.1	.1	.294
23.9	10.13	9.54	289.0	1.4	99.9	99.9	99.9	2.4	.296
36.1	10.13	9.54	288.8	1.2	99.4	99.4	99.4	2.1	.294
54.5	10.10	9.55	288.6	1.1	95.7	95.7	95.7	1.9	.283
67.1	10.13	9.58	288.3	1.6	95.5	95.4	95.5	2.6	.283
83.0	10.05	9.59	288.1	2.4	87.9	87.8	87.8	3.6	.260
98.1	10.14	9.60	288.1	-.2	94.8	94.7	94.8	-.3	.281
111.7	10.12	9.61	287.8	.3	92.3	92.2	92.3	.5	.273
127.4	10.14	9.62	288.5	-.3	92.5	92.4	92.5	-.4	.274
144.1	10.15	9.62	287.7	-1.4	93.1	93.1	93.1	-2.3	.276
161.5	10.08	9.63	287.7	3.8	86.5	86.3	86.3	5.8	.256
177.3	10.06	9.64	287.9	3.0	84.2	84.1	84.1	4.4	.249
193.4	10.12	9.63	288.5	2.6	89.6	89.5	89.5	4.0	.265
206.9	10.13	9.63	288.6	1.1	90.8	90.7	90.8	1.7	.268
219.1	10.13	9.63	288.1	-.4	90.8	90.7	90.8	-.6	.269
237.5	10.12	9.62	288.4	-.3	91.5	91.4	91.5	-.4	.271
250.1	10.11	9.59	288.3	-1.1	92.7	92.6	92.6	-1.7	.274
266.0	10.08	9.57	287.9	-1.5	92.2	92.1	92.2	-2.4	.273
281.1	10.10	9.56	288.0	-1.1	94.8	94.7	94.7	-1.5	.281
294.7	10.14	9.56	287.7	-1.7	98.8	98.7	98.7	-2.9	.293
310.4	10.12	9.55	287.7	-2.2	96.9	96.8	96.8	-3.6	.287
327.1	10.14	9.54	287.9	.2	99.9	99.9	99.9	.3	.296
338.5	10.14	9.54	288.5	-3.2	100.3	100.1	100.1	-5.6	.297
354.3	10.13	9.53	288.4	-.3	100.0	100.0	100.0	-.6	.296

(g-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.0	10.14	9.52	288.4	.0	101.5	101.5	101.5	.0	.301
23.8	10.14	9.53	288.7	.9	101.1	101.0	101.1	1.5	.300
36.6	10.15	9.54	288.5	1.2	100.7	100.7	100.7	2.1	.298
55.7	10.14	9.54	287.9	1.7	100.2	100.1	100.1	3.0	.297
68.4	10.07	9.58	288.1	-.3	90.2	90.2	90.2	-.5	.267
83.8	10.04	9.59	288.3	.9	86.8	86.7	86.8	1.3	.257
99.7	10.10	9.60	288.4	.4	91.2	91.1	91.2	.6	.270
112.2	10.13	9.61	287.5	1.8	93.3	93.2	93.2	3.0	.277
126.0	10.10	9.61	287.8	.2	89.5	89.5	89.5	.2	.265
145.1	10.14	9.62	288.0	-.4	93.2	93.2	93.2	-.6	.276
161.7	10.04	9.62	287.5	5.0	84.0	83.6	83.7	7.4	.249
174.4	10.13	9.62	288.2	3.7	91.9	91.7	91.7	5.9	.272
194.0	10.14	9.63	288.4	1.7	92.1	92.1	92.1	2.7	.273
206.8	10.13	9.63	288.2	-.1	91.7	91.6	91.7	-.2	.271
219.6	10.12	9.62	288.3	-.4	91.1	91.1	91.1	-.6	.270
238.7	10.13	9.61	288.7	-1.5	93.2	93.1	93.1	-2.5	.276
251.4	10.14	9.60	288.5	-2.2	95.5	95.4	95.5	-3.6	.283
266.8	10.13	9.58	288.5	-2.3	95.8	95.6	95.7	-3.8	.284
282.7	10.10	9.56	287.7	-1.7	94.1	94.0	94.1	-2.7	.279
295.2	10.13	9.55	287.8	-1.9	97.8	97.7	97.7	-3.3	.290
309.0	10.14	9.54	288.2	-3.2	99.6	99.4	99.4	-5.6	.295
328.1	10.14	9.54	287.7	-1.5	100.1	100.0	100.0	-2.7	.297
338.7	10.13	9.53	288.5	-1.7	99.7	99.7	99.7	-3.0	.295
357.4	10.14	9.53	288.2	-1.1	100.8	100.7	100.8	-2.0	.299

TABLE IV. - Continued.

(g) Continued.

(g-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.9	10.15	9.54	288.4	1.6	100.8	100.8	100.8	2.7	.299
23.7	10.16	9.54	288.6	1.2	101.1	101.0	101.1	2.1	.300
36.7	10.15	9.55	288.1	1.3	100.5	100.4	100.4	2.3	.298
56.2	10.16	9.55	288.7	3.9	100.4	100.1	100.2	6.8	.297
68.3	10.11	9.59	288.3	1.9	92.7	92.6	92.7	3.0	.274
84.4	10.08	9.60	288.0	2.5	89.9	89.8	89.8	3.9	.266
99.7	10.15	9.61	288.3	4.0	95.0	94.7	94.8	6.5	.281
112.4	10.15	9.61	287.4	2.4	94.3	94.1	94.2	4.0	.280
124.9	10.14	9.62	287.2	3.1	92.4	92.2	92.3	5.0	.274
145.0	10.11	9.62	287.2	.1	89.6	89.5	89.6	.2	.266
162.2	10.11	9.63	287.6	4.6	89.4	89.1	89.1	7.2	.265
178.1	10.15	9.63	288.2	4.4	92.7	92.4	92.4	7.1	.274
193.9	10.15	9.63	288.0	.8	93.1	93.1	93.1	1.3	.276
206.7	10.14	9.62	288.2	-.9	92.6	92.6	92.6	-1.4	.274
219.7	10.16	9.62	287.8	-1.4	94.4	94.3	94.3	-2.4	.280
239.2	10.15	9.61	288.1	-4.2	94.5	94.2	94.3	-6.9	.280
251.3	10.16	9.59	288.7	-3.9	96.8	96.6	96.6	-6.6	.287
267.4	10.15	9.58	288.5	-4.8	97.0	96.6	96.7	-8.1	.287
282.7	10.12	9.58	287.8	-2.9	95.2	95.0	95.1	-4.8	.282
295.4	10.15	9.57	288.9	-4.0	98.9	98.6	98.7	-7.0	.293
307.9	10.15	9.56	288.6	-3.3	99.2	99.0	99.0	-5.8	.294
328.0	10.15	9.56	287.9	-1.5	99.2	99.1	99.2	-2.6	.294
339.2	10.14	9.55	288.5	-2.1	99.3	99.2	99.2	-3.6	.294
355.1	10.15	9.54	288.3	.3	100.3	100.3	100.3	.6	.297

(g-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.3	10.15	9.55	288.9	1.5	100.1	100.0	100.0	2.7	.296
24.0	10.15	9.55	288.4	1.9	100.0	99.9	100.0	3.3	.296
36.8	10.16	9.56	288.4	3.5	99.9	99.7	99.7	6.1	.296
56.4	10.16	9.56	288.5	5.4	99.8	99.3	99.4	9.3	.296
68.6	10.14	9.59	289.3	3.9	96.0	95.7	95.7	6.5	.284
83.8	10.15	9.59	288.5	4.6	96.0	95.6	95.7	7.7	.284
99.9	10.16	9.60	287.7	2.9	95.9	95.7	95.8	4.8	.284
112.4	10.16	9.61	287.5	2.7	95.7	95.6	95.6	4.5	.284
128.7	10.15	9.61	287.3	2.4	94.7	94.6	94.6	3.9	.281
145.0	10.16	9.62	288.3	.5	94.5	94.5	94.5	.8	.280
162.1	10.10	9.63	287.6	4.8	89.1	88.7	88.7	7.4	.264
178.3	10.15	9.63	288.3	3.9	92.8	92.5	92.6	6.2	.275
194.3	10.16	9.63	288.3	.2	93.6	93.5	93.5	.2	.277
207.0	10.16	9.63	288.4	-1.9	93.9	93.8	93.9	-3.0	.278
219.8	10.16	9.62	287.9	-2.9	94.1	93.9	94.0	-4.8	.279
239.4	10.16	9.61	288.3	-5.2	95.5	95.1	95.1	-8.7	.283
251.6	10.16	9.59	287.6	-4.1	97.0	96.7	96.7	-6.9	.288
266.8	10.16	9.58	288.4	-7.1	98.4	97.6	97.6	-12.1	.291
282.9	10.16	9.57	288.8	-6.4	98.8	98.2	98.2	-10.9	.293
295.4	10.16	9.57	288.3	-5.4	99.2	98.7	98.7	-9.4	.294
311.7	10.16	9.56	288.2	-4.7	99.5	99.1	99.2	-8.1	.295
328.0	10.15	9.56	287.5	-2.9	99.4	99.3	99.3	-5.0	.295
339.1	10.15	9.56	288.7	-1.3	99.4	99.4	99.4	-2.2	.294
355.3	10.15	9.55	288.8	.5	99.8	99.8	99.8	.8	.296

TABLE IV. - Continued.

(g) Continued.

(g-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.8	10.15	9.55	289.2	1.6	100.4	100.3	100.3	2.7	.297
23.9	10.14	9.56	288.4	2.8	99.1	99.0	99.0	4.8	.294
36.6	10.15	9.56	288.4	4.1	99.5	99.2	99.2	7.0	.295
55.5	10.15	9.56	288.6	6.1	99.2	98.6	98.7	10.5	.294
67.1	10.15	9.59	288.8	5.1	96.3	95.9	96.0	8.6	.285
84.2	10.14	9.60	288.4	4.3	94.9	94.6	94.7	7.1	.281
99.9	10.13	9.60	288.2	3.7	93.8	93.6	93.6	6.0	.278
112.6	10.15	9.61	287.8	3.0	94.7	94.6	94.6	4.9	.281
125.1	10.15	9.61	287.9	1.9	95.0	95.0	95.0	3.2	.282
145.2	10.15	9.61	288.4	1.1	94.2	94.1	94.2	1.7	.279
161.7	10.11	9.62	287.8	4.8	91.2	90.8	90.8	7.7	.270
178.0	10.12	9.62	288.0	4.1	91.6	91.3	91.3	6.6	.271
193.8	10.15	9.62	288.8	-6	94.1	94.1	94.1	-9	.278
206.9	10.15	9.62	288.7	-2.6	94.2	94.1	94.1	-4.2	.279
219.6	10.15	9.61	289.9	-4.9	94.8	94.4	94.5	-8.1	.280
238.5	10.15	9.61	289.4	-5.7	95.4	94.9	94.9	-9.5	.282
250.1	10.15	9.59	289.4	-6.3	96.3	95.7	95.7	-10.6	.285
267.2	10.15	9.58	289.3	-8.1	97.2	96.2	96.3	-13.7	.288
282.9	10.15	9.58	288.7	-6.8	97.8	97.1	97.1	-11.6	.290
295.6	10.15	9.57	288.4	-6.6	98.3	97.6	97.7	-11.2	.291
308.1	10.15	9.56	288.3	-5.6	98.8	98.3	98.3	-9.7	.293
328.2	10.15	9.56	287.8	-3.1	99.0	98.8	98.9	-5.4	.294
338.7	10.16	9.55	288.6	-1.4	100.3	100.2	100.3	-2.5	.297
355.0	10.15	9.55	289.0	-3	100.5	100.5	100.5	-5	.298

(g-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.2	10.18	9.59	288.3	1.5	99.0	98.9	99.0	2.6	.293
23.8	10.18	9.59	288.6	2.3	98.9	98.8	98.8	3.9	.293
36.8	10.18	9.59	288.5	3.7	98.9	98.7	98.7	6.4	.293
56.2	10.17	9.58	287.9	4.7	98.9	98.5	98.6	8.2	.293
68.5	10.17	9.63	288.8	6.6	95.1	94.4	94.4	11.0	.281
84.5	10.17	9.63	287.4	6.4	94.6	93.9	94.0	10.6	.280
99.4	10.17	9.63	287.6	6.9	94.6	93.9	93.9	11.4	.280
111.9	10.16	9.63	287.4	4.8	94.3	93.9	93.9	7.9	.280
128.2	10.16	9.63	287.5	3.7	94.1	93.8	93.9	6.1	.279
144.9	10.16	9.63	288.3	3.4	93.8	93.6	93.7	5.5	.278
161.8	10.19	9.63	287.9	5.0	95.5	95.1	95.2	8.3	.283
178.2	10.18	9.64	288.0	1.3	95.1	95.1	95.1	7.2	.282
194.2	10.18	9.63	288.3	-5	95.4	95.4	95.4	-9	.282
206.8	10.18	9.63	288.3	-2.6	95.8	95.6	95.7	-4.3	.284
219.8	10.18	9.62	288.5	-4.0	95.9	95.7	95.7	-6.8	.284
239.2	10.17	9.62	289.6	-6.3	96.6	96.0	96.0	-10.5	.285
251.5	10.17	9.61	289.4	-6.8	96.5	95.8	95.8	-11.3	.285
267.5	10.17	9.61	288.9	-7.1	96.6	95.8	95.9	-11.9	.286
282.4	10.17	9.60	289.3	-7.5	97.0	96.1	96.1	-12.6	.287
294.9	10.16	9.60	289.6	-7.1	97.0	96.2	96.3	-11.9	.287
311.2	10.16	9.60	288.9	-5.6	97.1	96.6	96.6	-9.5	.287
327.9	10.16	9.59	287.8	-3.6	97.2	97.0	97.0	-6.0	.288
338.8	10.19	9.59	287.9	-3.3	99.7	99.5	99.5	-5.8	.296
355.2	10.18	9.59	288.3	-2.1	99.2	99.1	99.1	-3.6	.294

TABLE IV. - Continued.

(g) Continued.

(g-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
10.9	10.20	9.62	288.1	-8	98.0	98.0	98.0	-1.4	.291
23.9	10.20	9.62	289.1	2.3	97.9	97.8	97.8	3.9	.290
36.6	10.19	9.62	288.5	3.9	97.5	97.2	97.3	6.6	.289
55.9	10.19	9.62	288.0	6.9	97.6	96.9	96.9	11.8	.289
68.6	10.19	9.64	288.2	6.8	95.5	94.8	94.8	11.4	.283
83.9	10.19	9.64	287.8	6.1	95.7	95.2	95.2	10.1	.284
99.7	10.19	9.64	287.3	8.2	95.8	94.8	94.8	13.6	.284
112.2	10.19	9.64	288.2	7.1	95.3	94.5	94.6	11.8	.282
128.1	10.19	9.65	288.5	5.0	94.9	94.5	94.5	8.2	.281
145.0	10.19	9.65	287.9	7.1	94.6	93.9	93.9	11.7	.280
161.7	10.20	9.66	287.8	4.7	94.9	94.5	94.5	7.8	.281
177.6	10.20	9.65	288.2	1.1	94.9	94.9	94.9	1.8	.281
193.9	10.20	9.65	288.5	-1.1	95.1	95.1	95.1	-1.9	.282
206.9	10.20	9.65	289.5	-3.0	95.5	95.4	95.4	-5.0	.282
219.6	10.20	9.64	288.8	-4.7	95.8	95.5	95.5	-7.9	.284
238.9	10.19	9.63	288.2	-5.9	96.3	95.8	95.8	-9.9	.285
251.6	10.19	9.62	289.2	-7.7	97.3	96.5	96.5	-13.0	.288
266.9	10.19	9.62	288.8	-8.7	97.8	96.7	96.7	-14.7	.290
282.7	10.19	9.61	287.6	-10.3	97.9	96.3	96.3	-17.6	.290
295.2	10.19	9.61	288.5	-10.4	97.9	96.3	96.3	-17.6	.290
311.1	10.19	9.62	289.0	-7.9	97.5	96.6	96.6	-13.5	.289
328.0	10.19	9.62	287.7	-5.4	97.2	96.7	96.7	-9.2	.288
338.7	10.20	9.62	287.0	-5.1	98.1	97.7	97.7	-8.7	.291
354.6	10.20	9.62	288.0	-3.4	98.0	97.9	97.9	-5.8	.291

(g-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.5	9.93	9.54	288.5	10.8	81.1	79.7	79.7	15.1	.240
20.0	9.89	9.54	288.4	9.7	77.0	75.9	75.9	13.0	.227
32.3	9.98	9.53	288.9	7.1	87.2	86.5	86.5	10.7	.258
51.9	9.93	9.53	288.8	5.5	82.4	82.0	82.0	7.9	.243
64.3	9.87	9.54	288.5	3.0	75.7	75.6	75.6	4.0	.223
80.0	9.95	9.55	288.2	4.6	81.3	81.0	81.1	6.5	.240
95.6	9.96	9.57	288.3	4.7	81.1	80.8	80.8	6.6	.240
108.4	9.98	9.58	287.8	4.5	82.4	82.1	82.1	6.5	.244
123.9	10.01	9.58	287.8	5.5	84.2	83.8	83.8	8.0	.249
140.8	10.03	9.59	287.8	5.3	86.3	85.9	85.9	8.0	.255
162.9	10.04	9.60	287.9	4.3	85.4	85.2	85.2	6.5	.253
178.9	10.07	9.62	288.1	5.3	86.7	86.4	86.4	8.0	.257
194.6	10.09	9.61	288.3	6.4	89.9	89.3	89.3	10.0	.266
208.1	10.09	9.61	288.4	7.3	89.3	88.6	88.6	11.3	.264
220.4	10.10	9.61	288.7	8.8	90.9	89.9	89.9	13.9	.269
240.0	10.05	9.60	288.7	10.0	86.8	85.5	85.5	15.0	.257
252.4	10.04	9.59	288.4	9.7	86.5	85.2	85.2	14.6	.256
268.1	10.03	9.59	288.2	10.0	85.7	84.4	84.4	14.8	.254
283.7	10.01	9.58	287.9	10.9	85.2	83.6	83.6	16.2	.252
296.5	9.98	9.57	287.6	11.6	82.9	81.2	81.2	16.6	.245
312.0	9.96	9.56	287.4	12.4	81.8	79.9	79.9	17.6	.242
328.9	9.93	9.56	287.9	12.5	79.4	77.4	77.5	17.2	.235
334.8	9.90	9.56	287.9	13.0	75.4	73.5	73.5	17.0	.223
350.8	9.94	9.55	288.3	12.7	81.0	79.0	79.0	17.8	.239

TABLE IV. - Continued,

(g) Continued.

(g-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	9.95	9.54	288.5	7.9	83.4	82.6	82.6	11.4	.247
20.0	9.99	9.54	288.8	9.0	87.9	86.8	86.8	13.8	.260
32.5	10.03	9.54	289.0	7.8	91.4	90.6	90.6	12.5	.270
51.8	9.97	9.54	288.4	6.8	85.0	84.4	84.4	10.1	.251
64.1	9.91	9.54	288.2	5.9	87.7	87.3	87.3	8.1	.233
80.0	10.00	9.55	288.5	6.7	87.4	86.8	86.8	10.1	.259
95.6	9.99	9.57	287.9	5.7	87.0	83.6	83.6	8.3	.248
108.1	10.01	9.57	287.6	6.0	87.2	84.8	84.8	8.9	.252
123.7	10.02	9.57	287.4	5.1	87.7	86.3	86.3	7.7	.257
140.7	10.04	9.58	287.4	6.2	87.7	87.2	87.2	9.4	.260
163.0	10.04	9.59	287.8	5.4	86.6	86.2	86.2	8.2	.256
178.8	10.07	9.60	288.0	5.8	89.3	88.9	88.9	9.0	.264
194.9	10.11	9.60	288.4	6.2	92.1	91.5	91.5	9.9	.272
208.1	10.12	9.60	288.4	7.1	93.4	92.7	92.7	11.6	.277
220.6	10.11	9.60	288.7	7.8	92.3	91.4	91.4	12.6	.273
239.9	10.08	9.59	288.3	7.9	90.3	89.4	89.4	12.5	.267
252.2	10.06	9.59	288.3	7.9	88.7	87.8	87.8	12.2	.262
268.1	10.05	9.58	288.1	8.8	88.7	87.7	87.7	13.6	.263
283.7	10.04	9.57	287.6	8.9	88.5	87.4	87.4	13.7	.262
296.2	10.02	9.57	287.5	8.9	87.1	86.1	86.1	13.4	.258
311.8	10.02	9.56	287.4	8.5	87.9	86.9	86.9	13.0	.260
328.8	9.97	9.55	287.5	8.4	84.0	83.1	83.1	12.3	.249
334.9	10.03	9.55	288.3	8.9	89.1	88.1	88.1	13.8	.264
350.7	10.00	9.55	288.3	8.8	87.0	86.0	86.0	13.3	.257

(g-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	9.97	9.53	288.6	6.1	86.1	85.7	85.7	9.1	.255
19.6	10.01	9.53	288.3	7.6	90.1	89.3	89.3	11.9	.267
32.3	10.06	9.54	288.6	7.7	93.5	92.7	92.7	12.6	.277
51.3	10.00	9.54	288.2	9.3	88.1	86.9	86.9	14.3	.261
64.4	9.99	9.54	288.2	8.5	87.0	86.1	86.1	12.8	.257
79.8	10.07	9.55	288.4	8.4	93.0	92.1	92.1	13.5	.275
95.6	10.01	9.55	287.9	8.0	87.7	86.9	86.9	12.2	.260
108.0	10.05	9.56	287.5	7.1	91.1	90.4	90.4	11.2	.270
123.8	10.07	9.56	287.3	6.9	92.1	91.4	91.4	11.1	.273
140.8	10.09	9.57	287.6	6.3	92.9	92.4	92.4	10.3	.276
162.6	10.05	9.58	287.8	5.1	88.9	88.6	88.6	7.8	.263
179.0	10.08	9.58	287.8	4.0	90.7	90.5	90.5	6.4	.269
195.0	10.12	9.59	288.6	4.7	94.2	93.9	93.9	7.6	.279
207.7	10.13	9.59	288.3	5.0	94.8	94.4	94.4	8.3	.281
220.4	10.10	9.59	288.5	5.8	92.9	92.4	92.4	9.4	.275
239.4	10.09	9.58	288.1	5.1	92.3	92.0	92.0	8.2	.273
252.5	10.11	9.57	288.2	5.3	94.7	94.3	94.3	8.8	.280
267.9	10.08	9.56	287.9	5.4	93.0	92.6	92.6	8.7	.275
283.7	10.08	9.56	287.8	5.7	93.0	92.6	92.6	9.2	.276
296.1	10.08	9.56	287.3	4.5	93.3	93.1	93.1	7.3	.277
311.9	10.10	9.55	287.4	4.6	95.5	95.2	95.2	7.7	.283
328.9	10.04	9.54	287.6	3.3	91.0	90.8	90.8	5.3	.270
334.5	10.06	9.54	288.4	6.4	92.9	92.3	92.3	10.4	.275
350.9	10.08	9.54	288.3	6.2	94.8	94.2	94.2	10.3	.281

TABLE IV. - Continued.

(g) Continued.

(g-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.3	10.07	9.53	288.5	4.8	95.4	95.0	95.0	7.9	.282
19.7	10.11	9.52	288.6	5.7	99.3	98.8	98.8	9.8	.294
32.2	10.12	9.52	288.7	5.7	100.6	100.1	100.1	10.0	.298
51.6	10.07	9.52	288.8	6.2	96.4	95.8	95.8	10.5	.285
63.9	10.04	9.53	288.5	6.9	92.5	91.9	91.9	11.1	.274
79.6	10.10	9.54	288.4	6.2	96.8	96.3	96.3	10.5	.287
94.7	10.05	9.54	288.1	6.3	92.6	92.0	92.0	10.2	.274
108.2	10.07	9.55	288.0	5.4	93.6	93.2	93.2	8.8	.277
123.8	10.11	9.55	287.9	5.7	96.7	96.3	96.3	9.7	.287
140.7	10.09	9.55	287.7	5.3	95.2	94.8	94.8	8.8	.282
162.5	10.07	9.56	288.0	4.0	91.7	91.4	91.4	6.4	.271
178.5	10.09	9.58	288.1	3.9	92.6	92.4	92.4	6.3	.274
194.4	10.11	9.57	288.3	4.1	94.8	94.5	94.5	6.7	.281
207.8	10.13	9.57	288.6	3.9	96.9	96.7	96.7	6.7	.287
220.3	10.13	9.57	288.7	4.5	96.9	96.6	96.6	7.5	.287
239.7	10.11	9.57	288.6	3.7	95.1	94.9	94.9	6.2	.281
252.0	10.11	9.57	288.4	3.4	95.3	95.1	95.1	5.6	.282
267.7	10.13	9.56	288.4	3.4	97.5	97.3	97.3	5.8	.289
282.8	10.12	9.56	288.0	3.4	97.4	97.2	97.2	5.8	.289
296.3	10.10	9.55	287.8	3.1	96.2	96.1	96.1	5.2	.285
311.9	10.12	9.54	287.6	3.2	98.2	98.1	98.1	5.5	.291
328.8	10.12	9.53	287.8	2.1	99.0	99.0	99.0	3.6	.294
334.4	10.10	9.53	288.5	4.8	98.3	97.9	97.9	8.2	.291
350.4	10.11	9.53	288.5	4.8	98.4	98.0	98.0	8.3	.291

(g-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.1	10.13	9.52	288.7	4.3	100.7	100.4	100.4	7.6	.298
19.6	10.13	9.52	288.7	4.8	101.6	101.2	101.2	8.5	.301
31.8	10.14	9.52	288.6	4.8	101.6	101.3	101.3	8.4	.301
50.2	10.12	9.52	288.9	5.1	100.9	100.5	100.5	9.0	.299
62.8	10.10	9.52	288.8	5.6	98.5	98.0	98.0	9.7	.292
78.7	10.11	9.53	288.4	5.3	98.8	98.4	98.4	9.1	.293
93.8	10.06	9.53	288.3	4.9	94.0	93.6	93.6	8.0	.278
107.4	10.08	9.54	288.2	4.6	94.8	94.5	94.5	7.6	.281
123.1	10.12	9.55	288.1	4.7	98.3	98.0	98.0	8.0	.291
139.8	10.13	9.55	287.8	4.6	98.3	98.0	98.0	7.9	.292
162.3	10.06	9.55	288.0	3.6	92.9	92.7	92.7	5.8	.275
178.1	10.09	9.56	288.4	3.5	94.2	94.1	94.1	5.8	.279
194.2	10.12	9.56	288.7	3.1	97.0	96.8	96.8	5.3	.287
207.7	10.14	9.56	288.8	2.9	98.7	98.5	98.5	4.9	.292
219.9	10.13	9.56	288.4	3.2	97.4	97.3	97.3	5.4	.289
238.3	10.11	9.55	288.5	2.9	96.9	96.8	96.8	4.9	.287
250.9	10.12	9.55	288.6	2.5	98.2	98.1	98.1	4.3	.291
266.8	10.13	9.54	288.3	2.3	99.3	99.2	99.2	4.1	.294
281.9	10.12	9.53	288.4	2.8	99.0	98.9	98.9	4.8	.293
295.5	10.10	9.53	288.0	2.7	97.2	97.1	97.1	4.6	.288
311.2	10.14	9.53	288.0	2.8	100.3	100.1	100.1	4.8	.297
327.9	10.13	9.53	288.0	1.7	100.0	100.0	100.0	2.9	.297
334.2	10.14	9.53	288.6	4.5	101.1	100.7	100.7	8.0	.299
350.0	10.13	9.53	288.6	4.3	100.6	100.3	100.3	7.5	.298

TABLE IV. - Continued.

(g) Continued.

(g-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.7	10.14	9.51	288.3	4.0	102.4	102.2	102.2	7.2	.304
19.5	10.14	9.51	288.5	4.1	102.3	102.0	102.0	7.3	.303
32.3	10.14	9.51	288.5	4.0	102.4	102.2	102.2	7.2	.304
51.4	10.15	9.51	288.6	4.3	102.7	102.4	102.4	7.8	.304
64.1	10.13	9.52	288.7	4.6	101.3	100.9	101.0	8.2	.300
79.5	10.10	9.52	288.5	3.9	98.1	97.9	97.9	6.6	.291
95.4	10.07	9.53	288.2	3.9	95.1	94.9	94.9	6.5	.282
107.9	10.11	9.53	288.2	3.7	98.5	98.3	98.3	6.4	.292
121.7	10.13	9.53	288.2	3.7	100.0	99.8	99.8	6.4	.296
140.8	10.13	9.53	288.5	3.3	99.5	99.3	99.3	5.8	.295
162.5	10.08	9.54	287.6	2.9	95.2	95.1	95.1	4.8	.282
175.2	10.09	9.54	288.2	2.9	95.9	95.8	95.8	4.9	.284
194.8	10.14	9.56	288.2	2.3	98.7	98.6	98.6	4.0	.292
207.6	10.14	9.56	288.6	2.3	98.8	98.7	98.7	4.0	.293
220.4	10.13	9.56	288.4	2.3	97.5	97.4	97.4	3.8	.289
239.5	10.13	9.55	288.7	1.9	98.3	98.2	98.3	3.3	.291
252.2	10.15	9.55	288.6	1.8	99.8	99.7	99.7	3.1	.296
267.6	10.14	9.54	288.8	2.0	100.2	100.1	100.1	3.4	.297
283.5	10.13	9.53	288.1	2.2	99.7	99.6	99.6	3.8	.296
296.0	10.11	9.53	288.1	2.0	98.2	98.1	98.1	3.4	.291
309.8	10.14	9.53	288.4	2.3	100.9	100.8	100.8	4.0	.299
328.9	10.14	9.52	288.1	1.6	101.6	101.6	101.6	2.8	.301
334.4	10.14	9.52	288.3	3.7	101.6	101.4	101.4	6.5	.301
347.1	10.14	9.53	288.5	3.7	101.4	101.2	101.2	6.6	.300

(g-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.6	10.15	9.50	288.3	2.4	103.5	103.4	103.4	4.3	.307
19.4	10.14	9.51	288.3	2.5	102.8	102.7	102.7	4.4	.305
32.4	10.14	9.51	288.2	2.3	103.0	102.9	102.9	4.1	.306
51.9	10.15	9.51	288.2	2.4	103.4	103.2	103.3	4.3	.307
64.0	10.15	9.51	288.3	2.7	103.3	103.2	103.2	4.9	.306
80.1	10.14	9.52	288.0	2.3	101.8	101.6	101.7	4.0	.302
95.4	10.11	9.52	288.2	1.8	99.9	99.8	99.9	3.1	.296
108.1	10.11	9.52	284.2	2.0	99.2	99.1	99.1	3.4	.296
120.6	10.15	9.52	287.4	2.0	102.1	101.9	102.0	3.5	.303
140.7	10.13	9.53	287.8	1.7	100.3	100.2	100.3	3.0	.298
163.0	10.11	9.53	287.8	1.0	98.2	98.1	98.2	1.7	.291
178.9	10.12	9.54	288.3	.5	99.0	99.0	99.0	.9	.293
194.7	10.13	9.54	288.2	.5	99.2	99.1	99.2	.9	.294
207.5	10.15	9.54	288.2	.3	100.3	100.2	100.3	.6	.297
220.5	10.14	9.54	288.0	.1	99.6	99.6	99.6	.2	.295
240.0	10.14	9.54	288.8	.1	100.1	100.1	100.1	.3	.297
252.1	10.14	9.53	288.3	.2	100.8	100.8	100.8	.3	.299
258.2	10.15	9.53	288.4	.2	101.5	101.5	101.5	.4	.301
283.5	10.14	9.52	288.1	.2	101.7	101.6	101.7	.3	.302
296.2	10.14	9.52	284.3	.1	101.4	101.4	101.4	.2	.303
308.7	10.15	9.52	288.1	.1	102.2	102.1	102.2	.1	.303
328.8	10.15	9.52	288.0	.0	102.4	102.3	102.4	.1	.304
334.9	10.15	9.52	288.4	2.1	102.5	102.4	102.4	3.7	.304
350.8	10.15	9.51	288.4	2.1	103.4	103.3	103.3	3.8	.307

TABLE IV. - Continued.

(g) Continued.

(g-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	10.14	9.51	288.7	.4	103.3	103.1	103.2	.8	.306
19.7	10.14	9.50	288.3	.5	103.4	103.3	103.4	.9	.307
32.5	10.14	9.51	288.3	.5	103.2	103.0	103.1	.9	.306
52.1	10.15	9.51	288.6	.4	103.8	103.7	103.8	.7	.308
64.3	10.15	9.51	288.4	.7	103.5	103.4	103.5	1.2	.307
79.5	10.14	9.51	288.6	.6	102.2	102.0	102.2	1.0	.303
95.6	10.12	9.50	288.5	.1	101.4	101.3	101.4	.2	.300
108.1	10.14	9.51	288.0	.3	102.4	102.3	102.4	.6	.304
124.4	10.15	9.51	288.0	.2	103.0	102.8	103.0	.4	.305
140.7	10.15	9.52	287.9	.0	102.8	102.7	102.8	.1	.305
162.9	10.12	9.52	287.8	-.7	100.2	100.1	100.2	-1.3	.297
179.1	10.14	9.53	288.5	-.8	100.7	100.6	100.7	-1.3	.298
195.1	10.15	9.53	288.5	-1.0	101.6	101.4	101.6	-1.8	.301
207.8	10.15	9.53	288.6	-1.0	101.5	101.4	101.5	-1.8	.301
220.6	10.15	9.53	288.4	-1.0	101.2	101.1	101.2	-1.8	.300
240.2	10.14	9.53	288.5	-.8	101.2	101.1	101.2	-1.4	.300
252.4	10.15	9.53	288.5	-.9	101.6	101.5	101.6	-1.6	.301
267.6	10.15	9.53	288.4	-.9	102.1	101.9	102.1	-1.6	.303
283.7	10.15	9.52	288.5	-1.0	102.8	102.7	102.8	-1.8	.305
296.2	10.15	9.51	288.6	-.8	103.0	102.8	103.0	-1.5	.305
312.5	10.15	9.52	288.3	-.7	102.7	102.6	102.7	-1.3	.305
328.8	10.15	9.52	287.9	-.7	102.7	102.6	102.7	-1.2	.305
334.8	10.15	9.52	288.3	.4	102.9	102.8	102.9	.7	.305
351.0	10.15	9.51	288.4	.5	103.4	103.3	103.4	.8	.307

(g-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.5	10.15	9.51	288.7	-.2	102.8	102.6	102.8	-.4	.305
19.6	10.14	9.51	288.7	-.2	102.3	102.1	102.3	-.3	.303
32.3	10.15	9.51	288.5	-.2	103.1	103.0	103.1	-.4	.306
51.2	10.15	9.51	288.5	-.2	103.1	103.0	103.1	-.4	.306
62.8	10.15	9.52	288.7	-.0	102.8	102.7	102.8	-.1	.305
79.9	10.14	9.51	288.5	-.3	102.4	102.2	102.4	-.5	.303
95.6	10.14	9.51	288.1	-.3	102.4	102.2	102.4	-.5	.304
108.3	10.14	9.51	287.9	-.3	102.3	102.1	102.3	-.6	.303
120.8	10.15	9.51	287.8	-.5	102.8	102.6	102.8	-.9	.305
140.9	10.15	9.52	287.8	-.5	102.5	102.3	102.5	-.9	.304
162.5	10.14	9.52	288.2	-1.5	101.5	101.3	101.4	-2.7	.301
178.8	10.14	9.53	288.5	-1.5	101.1	100.9	101.1	-2.7	.300
194.6	10.15	9.53	288.6	-1.6	101.4	101.2	101.3	-2.8	.300
207.7	10.15	9.53	288.8	-1.5	101.5	101.3	101.5	-2.7	.301
220.4	10.15	9.53	288.9	-1.6	102.0	101.8	102.0	-2.9	.302
239.3	10.15	9.53	289.3	-1.4	101.8	101.6	101.8	-2.4	.301
250.9	10.15	9.53	289.2	-1.3	101.8	101.7	101.8	-2.3	.302
268.0	10.15	9.53	289.1	-1.4	102.1	101.9	102.1	-2.6	.302
283.7	10.15	9.52	288.9	-1.4	102.7	102.5	102.7	-2.5	.304
296.4	10.15	9.52	288.6	-1.5	102.9	102.7	102.8	-2.8	.305
308.9	10.15	9.52	288.5	-1.4	102.9	102.7	102.9	-2.4	.305
329.0	10.15	9.52	288.1	-1.3	102.7	102.5	102.7	-2.4	.305
334.4	10.15	9.52	288.5	-.4	102.9	102.8	102.9	-.3	.305
350.7	10.15	9.51	288.6	-.4	103.1	102.9	103.1	-.7	.306

TABLE IV. - Continued.

(g) Continued.

(g-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.9	10.15	9.53	288.4	-4.4	101.4	100.5	101.1	-7.7	.300
19.5	10.15	9.53	288.5	-4.5	101.6	100.8	101.3	-8.0	.301
32.5	10.15	9.53	288.3	-4.2	101.7	100.8	101.4	-7.4	.301
51.9	10.15	9.53	288.2	-4.1	101.3	100.5	101.0	-7.2	.300
64.2	10.15	9.53	288.2	-4.0	101.6	100.8	101.4	-7.1	.301
80.2	10.14	9.52	288.2	-3.7	101.8	101.1	101.6	-6.6	.302
95.1	10.14	9.52	288.2	-3.9	101.7	100.9	101.5	-6.8	.302
107.6	10.15	9.52	287.6	-4.1	101.9	101.1	101.7	-7.2	.303
123.9	10.14	9.52	288.2	-4.3	101.9	101.1	101.6	-7.5	.302
140.6	10.15	9.52	288.6	-4.5	102.2	101.3	101.9	-7.9	.303
162.6	10.15	9.52	288.2	-3.8	101.8	101.0	101.5	-6.7	.302
179.0	10.14	9.53	288.2	-3.8	100.9	100.2	100.7	-6.6	.299
195.0	10.15	9.53	288.1	-3.7	101.0	100.3	100.8	-6.5	.300
207.6	10.15	9.53	288.4	-3.6	101.1	100.3	100.9	-6.3	.300
220.6	10.14	9.53	288.8	-3.4	101.1	100.4	100.9	-6.0	.299
240.0	10.15	9.54	289.2	-3.5	101.0	100.3	100.8	-6.2	.299
252.3	10.14	9.54	239.3	-3.4	100.8	100.0	100.6	-6.0	.298
268.3	10.14	9.54	289.0	-3.7	100.8	100.0	100.6	-6.5	.298
283.2	10.14	9.53	289.0	-3.8	101.1	100.3	100.9	-6.6	.299
295.7	10.15	9.53	289.1	-3.9	101.4	100.6	101.2	-6.9	.300
312.0	10.14	9.53	288.6	-5.2	101.2	100.2	100.8	-9.1	.300
328.7	10.15	9.53	288.4	-5.0	101.1	100.2	100.7	-8.8	.300
334.5	10.15	9.53	288.1	-4.1	101.2	100.4	100.9	-7.3	.300
350.9	10.15	9.53	288.4	-4.2	101.4	100.6	101.1	-7.5	.301

(g-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.6	10.10	9.56	288.1	-12.0	95.0	91.5	93.0	-19.4	.282
19.6	10.10	9.56	288.2	-11.6	94.7	91.3	92.8	-18.7	.280
32.3	10.09	9.57	288.4	-11.1	95.8	90.6	92.1	-17.8	.278
51.6	10.10	9.57	288.2	-10.2	93.9	91.0	92.5	-16.4	.278
64.3	10.10	9.57	287.9	-9.8	94.0	91.2	92.7	-15.7	.279
79.6	10.10	9.56	288.1	-9.9	94.7	91.9	93.4	-16.0	.281
95.4	10.10	9.56	287.5	-9.5	95.1	92.3	93.8	-15.4	.282
107.9	10.10	9.56	287.6	-9.9	95.3	92.4	93.9	-16.1	.283
123.8	10.11	9.56	288.2	-9.5	95.4	92.6	94.1	-15.6	.282
140.7	10.10	9.56	288.0	-10.7	94.8	91.7	93.2	-17.3	.281
162.5	10.12	9.56	288.3	-12.2	96.3	92.6	94.2	-20.1	.285
178.4	10.11	9.57	288.7	-12.3	95.6	92.0	93.5	-20.0	.283
194.7	10.13	9.57	288.4	-12.8	96.4	92.6	94.1	-21.0	.286
207.7	10.14	9.57	288.9	-12.9	97.5	93.6	95.1	-21.4	.289
220.4	10.14	9.57	288.7	-13.3	97.8	93.7	95.2	-22.1	.289
239.7	10.14	9.57	288.6	-13.2	97.7	93.7	95.2	-21.9	.289
252.4	10.14	9.57	288.6	-13.8	98.1	93.8	95.4	-23.1	.291
267.7	10.15	9.56	288.5	-14.2	98.6	94.2	95.7	-23.8	.292
283.5	10.14	9.56	288.3	-14.4	98.8	94.3	95.8	-24.2	.293
296.0	10.14	9.56	288.6	-14.3	98.5	94.0	95.6	-24.0	.292
311.9	10.14	9.56	288.6	-14.2	98.4	93.9	95.5	-23.7	.291
328.8	10.14	9.56	288.5	-14.0	98.1	93.7	95.3	-23.3	.291
334.4	10.12	9.56	287.8	-12.6	96.6	92.8	94.3	-20.8	.286
350.3	10.11	9.56	288.1	-11.8	95.6	92.1	93.6	-19.2	.283

TABLE IV. - Continued.

(g) Continued.

(g-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	13.83	11.79	333.9	64.8	172.8	73.5	73.5	156.3	.483
21.2	13.81	11.78	333.7	64.8	172.4	73.5	73.5	156.0	.482
33.6	13.70	11.79	332.6	66.6	167.9	66.8	66.8	154.0	.469
49.3	13.70	11.84	332.8	65.2	165.4	69.3	69.3	150.2	.462
64.9	13.77	11.84	333.6	64.6	168.1	72.2	72.2	151.9	.469
77.7	13.63	11.84	333.3	65.0	162.4	68.5	68.5	147.2	.453
93.2	13.63	11.83	332.2	63.6	163.0	72.5	72.5	146.0	.455
110.1	13.71	11.84	331.9	63.1	165.4	74.9	74.9	147.5	.462
132.1	13.57	11.83	330.6	63.3	159.6	71.7	71.7	142.6	.447
148.1	13.63	11.83	331.2	64.4	162.3	70.0	70.0	146.4	.454
163.8	13.55	11.82	331.1	62.9	159.4	72.6	72.6	141.9	.446
177.3	13.59	11.81	330.3	62.6	161.2	74.1	74.1	143.2	.451
189.6	13.51	11.81	329.5	61.0	158.0	76.5	76.5	138.3	.443
209.2	13.57	11.82	329.4	62.3	160.2	74.4	74.4	141.8	.449
221.6	13.57	11.81	328.7	61.9	160.5	75.6	75.6	141.6	.450
237.3	13.60	11.80	329.6	62.9	162.0	73.7	73.7	144.3	.454
252.9	13.60	11.81	329.9	64.1	161.7	70.5	70.5	145.5	.453
265.7	13.57	11.81	329.6	64.4	160.3	69.3	69.3	144.5	.449
281.2	13.61	11.80	329.6	64.8	162.8	69.3	69.3	147.3	.457
298.1	13.68	11.80	329.9	66.1	165.7	67.2	67.2	151.4	.465
304.1	13.76	11.80	331.4	65.0	169.1	71.6	71.6	153.2	.474
320.1	13.76	11.81	331.8	65.1	168.9	71.2	71.2	153.2	.473
335.8	13.78	11.80	333.1	64.8	170.6	72.6	72.6	154.3	.477
349.3	13.84	11.79	333.3	64.8	173.0	73.6	73.6	156.5	.484

(g-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.8	13.60	11.70	328.3	56.4	166.7	92.3	92.4	138.8	.469
21.1	13.60	11.70	327.9	55.7	166.8	94.1	94.1	137.7	.469
33.4	13.52	11.71	326.1	56.3	162.5	90.2	90.2	135.1	.458
49.3	13.53	11.73	326.4	55.7	161.6	91.0	91.0	133.6	.456
64.9	13.59	11.73	327.5	54.5	164.4	95.4	95.4	133.9	.463
77.4	13.47	11.72	326.0	54.9	159.3	91.7	91.7	130.3	.449
93.0	13.55	11.73	326.1	55.0	162.8	93.5	93.5	133.3	.459
110.0	13.54	11.73	324.6	54.1	161.8	94.9	94.9	131.0	.457
132.2	13.51	11.74	326.1	54.9	160.5	92.4	92.4	131.3	.453
148.0	13.52	11.74	325.4	54.9	160.7	92.4	92.4	131.6	.454
164.1	13.51	11.73	325.4	54.4	160.9	93.8	93.8	130.8	.454
177.3	13.50	11.72	326.7	54.2	161.2	94.3	94.3	130.7	.454
189.8	13.49	11.72	326.3	54.2	160.7	94.1	94.1	130.3	.453
209.1	13.51	11.73	325.3	54.8	161.0	92.9	92.9	131.5	.454
221.4	13.49	11.71	325.2	54.4	161.1	93.7	93.7	131.0	.455
237.3	13.51	11.70	325.6	55.0	162.1	93.0	93.0	132.8	.458
252.9	13.51	11.69	325.9	55.3	163.0	92.8	92.8	134.0	.460
265.4	13.50	11.69	326.1	55.3	162.4	92.3	92.4	133.6	.458
281.0	13.55	11.71	325.7	57.4	163.3	88.0	88.0	137.6	.461
298.0	13.57	11.70	326.1	57.9	164.5	87.4	87.4	139.3	.464
304.2	13.54	11.70	325.8	55.7	163.3	92.0	92.0	134.9	.461
320.0	13.57	11.71	325.3	56.4	164.6	91.2	91.2	137.0	.465
336.1	13.53	11.69	327.1	56.2	163.8	91.1	91.1	136.1	.461
349.3	13.53	11.70	327.8	58.2	163.7	86.2	86.2	139.2	.461

TABLE IV. - Continued.

(g) Continued.

(g-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	13.44	11.55	322.8	48.8	165.8	109.3	109.4	124.7	.471
20.6	13.48	11.56	322.4	49.7	166.7	107.8	107.8	127.2	.473
33.7	13.45	11.56	319.6	49.0	164.8	108.2	108.3	124.3	.470
49.1	13.45	11.59	321.1	49.6	164.1	106.3	106.3	125.0	.467
64.9	13.48	11.60	321.2	49.6	164.8	106.7	106.8	125.5	.469
77.3	13.42	11.60	320.0	49.3	162.0	105.5	105.6	122.8	.461
93.1	13.55	11.59	321.1	49.8	167.5	108.1	108.1	127.9	.477
110.1	13.51	11.60	321.0	48.0	165.7	110.9	110.9	123.1	.472
131.8	13.46	11.60	321.1	49.9	163.9	105.7	105.7	125.3	.466
148.2	13.51	11.61	321.6	50.7	165.5	104.7	104.8	128.1	.470
164.2	13.54	11.61	322.5	49.5	167.0	108.4	108.5	127.0	.474
176.9	13.46	11.60	321.3	49.7	163.7	105.9	105.9	124.8	.465
189.6	13.44	11.59	321.1	49.5	163.6	106.1	106.2	124.4	.465
208.6	13.43	11.58	321.2	50.7	163.5	103.6	103.6	126.4	.465
221.7	13.44	11.59	321.1	49.7	163.8	105.9	105.9	125.0	.466
237.1	13.45	11.59	321.0	50.4	164.1	104.7	104.7	126.3	.467
252.9	13.45	11.58	321.4	49.9	164.4	105.8	105.9	125.8	.467
265.3	13.44	11.57	320.6	49.9	164.2	105.7	105.7	125.6	.467
281.1	13.43	11.57	320.3	49.6	163.8	106.1	106.1	124.8	.467
298.1	13.40	11.56	320.9	50.0	163.5	105.2	105.2	125.2	.465
303.8	13.42	11.56	322.0	50.0	164.4	105.6	105.6	126.0	.467
320.2	13.45	11.56	322.0	49.7	165.2	106.9	107.0	126.0	.469
336.2	13.39	11.55	321.7	48.8	163.5	107.7	107.8	122.9	.464
348.9	13.40	11.55	321.7	48.8	163.8	107.9	107.9	123.3	.465

(g-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.5	13.58	11.46	322.3	48.7	174.9	115.4	115.6	131.3	.498
20.9	13.56	11.46	322.1	48.3	174.3	115.9	116.1	130.0	.496
33.2	13.47	11.46	321.4	47.9	170.9	114.5	114.6	126.8	.487
48.9	13.58	11.49	322.0	48.2	173.6	115.7	115.8	129.3	.494
64.0	13.65	11.50	322.4	48.3	176.0	117.0	117.1	131.4	.501
77.5	13.52	11.50	321.8	49.2	171.0	111.6	111.7	129.5	.487
93.1	13.75	11.50	322.1	48.4	179.4	119.1	119.2	134.0	.511
110.0	13.69	11.51	322.4	49.7	177.2	114.6	114.8	135.0	.505
131.7	13.66	11.50	322.7	49.8	176.6	113.8	114.0	134.9	.503
147.7	13.71	11.51	323.2	49.7	177.9	115.0	115.2	135.5	.506
163.6	13.73	11.52	323.7	50.1	178.6	114.5	114.6	136.9	.508
177.0	13.69	11.51	323.2	50.1	177.3	113.6	113.8	136.0	.504
189.5	13.68	11.51	323.1	49.3	176.8	115.2	115.3	133.9	.503
208.9	13.70	11.51	323.0	50.8	177.5	112.3	112.4	137.4	.505
221.2	13.63	11.50	323.0	50.1	175.5	112.4	112.5	134.6	.499
236.9	13.64	11.49	323.6	50.9	176.1	111.1	111.2	136.6	.501
252.0	13.64	11.48	322.9	50.3	176.5	112.7	112.9	135.7	.502
265.5	13.66	11.47	322.8	49.6	177.6	115.1	115.2	135.1	.505
281.1	13.63	11.47	322.5	49.6	176.3	114.1	114.2	134.3	.502
298.0	13.65	11.47	322.8	50.2	177.4	113.4	113.5	136.3	.505
303.7	13.59	11.47	322.7	50.7	175.1	111.0	111.1	135.4	.498
319.7	13.61	11.46	322.9	49.7	176.5	114.0	114.2	134.6	.502
335.6	13.50	11.45	322.4	49.6	172.5	111.8	111.9	131.2	.491
349.0	13.58	11.46	322.2	48.0	175.2	117.2	117.3	130.2	.499

TABLE IV. - Continued.

(g) Continued.

(g-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.1	13.40	11.38	321.3	50.6	171.7	108.8	109.0	132.7	.489
19.5	13.44	11.38	320.9	49.5	173.2	112.4	112.6	131.6	.494
32.1	13.49	11.38	320.9	50.2	174.8	111.9	112.1	134.1	.499
48.0	13.47	11.41	321.1	50.1	173.0	110.9	111.1	132.6	.493
63.1	13.49	11.40	321.1	49.9	174.1	112.0	112.2	133.1	.496
76.7	13.44	11.40	320.8	50.8	172.1	108.7	108.9	133.2	.491
92.4	13.57	11.42	321.1	49.9	176.2	113.3	113.5	134.7	.503
109.1	13.55	11.42	322.2	51.8	175.4	108.3	108.5	137.8	.499
131.5	13.50	11.42	322.1	52.4	173.9	106.1	106.3	137.6	.495
147.3	13.47	11.42	322.1	51.6	172.7	107.2	107.4	135.2	.491
163.4	13.49	11.42	322.3	52.1	173.6	106.6	106.8	136.9	.494
176.9	13.55	11.42	322.9	51.4	176.2	109.9	110.1	137.6	.501
189.1	13.56	11.42	322.5	51.3	176.4	110.2	110.5	137.5	.502
207.5	13.52	11.41	322.7	51.6	175.3	108.8	109.0	137.3	.499
220.1	13.51	11.40	322.2	51.9	174.8	107.7	107.9	137.5	.498
236.0	13.50	11.40	322.0	52.3	174.7	106.8	107.0	138.2	.498
251.1	13.49	11.39	322.3	51.2	175.0	109.5	109.7	136.3	.498
264.7	13.48	11.39	322.0	52.4	174.2	106.2	106.4	137.9	.496
280.4	13.46	11.40	321.1	51.6	172.9	107.4	107.6	135.3	.493
297.1	13.49	11.39	321.8	51.4	174.8	109.0	109.2	136.5	.498
303.5	13.48	11.39	321.9	51.2	174.5	109.3	109.5	135.9	.497
319.3	13.45	11.38	321.4	50.6	173.4	110.1	110.3	133.8	.494
335.4	13.39	11.37	321.2	50.5	171.7	109.2	109.4	132.3	.489
348.9	13.42	11.37	321.3	49.9	172.8	111.3	111.5	132.0	.492

(g-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	13.42	11.34	318.2	45.2	173.3	121.9	122.3	122.8	.496
20.7	13.44	11.33	318.0	45.3	174.3	122.5	122.9	123.6	.500
33.4	13.36	11.33	317.1	45.2	171.1	120.4	120.8	121.2	.491
48.8	13.42	11.36	317.6	45.3	172.3	120.9	121.3	122.3	.494
64.7	13.44	11.36	317.5	46.0	172.9	120.0	120.3	124.2	.496
77.2	13.41	11.36	317.0	45.7	171.7	119.7	120.0	122.8	.493
91.0	13.47	11.36	317.5	45.6	174.1	121.6	122.0	124.2	.499
110.1	13.47	11.37	319.0	47.9	174.3	116.7	117.0	129.2	.499
131.7	13.44	11.36	318.3	49.5	173.3	112.3	112.6	131.7	.496
144.4	13.49	11.36	319.4	49.2	175.4	114.4	114.7	132.7	.502
164.0	13.52	11.37	319.7	49.9	176.2	113.3	113.6	134.7	.504
176.8	13.50	11.37	319.5	49.1	175.4	114.8	115.1	132.4	.502
189.6	13.49	11.37	319.9	49.9	175.1	112.7	113.1	133.7	.501
208.7	13.49	11.36	319.7	50.0	175.1	112.5	112.9	133.9	.501
221.4	13.46	11.37	319.3	49.5	174.1	112.9	113.3	132.2	.498
236.8	13.45	11.36	319.3	49.5	174.1	113.0	113.4	132.1	.498
252.7	13.45	11.35	319.2	49.3	173.9	113.2	113.6	131.7	.497
265.2	13.42	11.35	319.0	49.0	172.9	113.3	113.6	130.3	.495
279.0	13.43	11.35	319.3	49.0	173.4	113.6	114.0	130.7	.496
298.1	13.43	11.34	318.8	48.9	173.7	113.9	114.3	130.8	.497
303.7	13.38	11.34	317.9	46.8	171.6	117.4	117.7	124.8	.492
316.4	13.39	11.35	318.4	46.0	171.8	119.1	119.5	123.4	.492
336.0	13.41	11.33	317.8	45.5	172.9	121.1	121.5	123.1	.496
348.8	13.36	11.32	317.6	45.3	171.4	120.3	120.7	121.6	.491

TABLE IV. - Continued.

(g) Continued.

(g-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.7	13.11	11.23	313.1	40.3	165.2	125.6	126.2	106.6	.476
21.2	13.12	11.23	313.4	40.4	165.1	125.4	125.9	106.7	.476
33.3	13.13	11.23	313.2	40.3	165.6	125.8	126.4	106.9	.477
49.4	13.16	11.24	313.3	40.8	166.3	125.7	126.2	108.3	.479
64.7	13.17	11.24	313.3	40.5	166.6	126.3	126.9	108.0	.480
77.4	13.14	11.24	313.2	41.1	165.8	124.6	125.2	108.8	.478
89.9	13.16	11.25	313.6	40.7	166.3	125.7	126.3	108.2	.479
110.0	13.18	11.26	312.6	40.8	166.3	125.6	126.2	108.3	.480
132.2	13.15	11.24	314.1	43.2	166.2	120.8	121.4	113.5	.479
148.1	13.13	11.25	314.3	43.6	165.0	119.3	119.8	113.4	.475
163.9	13.16	11.25	314.0	43.0	166.1	121.2	121.8	112.9	.478
176.7	13.12	11.25	313.9	43.2	164.6	119.7	120.3	112.3	.474
189.7	13.17	11.25	313.9	43.3	166.6	120.9	121.5	114.0	.480
209.2	13.16	11.25	313.9	43.6	166.5	120.4	120.9	114.5	.480
221.3	13.13	11.24	314.2	42.8	165.4	121.0	121.6	112.1	.476
237.4	13.16	11.24	314.1	42.6	166.6	122.3	122.9	112.5	.480
252.7	13.13	11.24	314.1	42.7	165.4	121.3	121.9	111.8	.476
265.4	13.15	11.24	313.5	42.4	166.4	122.6	123.2	111.8	.479
277.9	13.13	11.23	313.3	42.8	165.5	121.1	121.6	112.2	.477
298.0	13.13	11.24	313.5	42.8	165.6	121.2	121.8	112.2	.477
304.2	13.11	11.24	313.6	41.1	165.0	124.1	124.7	108.1	.475
320.1	13.11	11.23	312.9	40.5	164.8	125.0	125.6	106.7	.475
335.9	13.09	11.22	313.0	40.6	164.6	124.7	125.3	106.7	.474
348.7	13.10	11.22	313.0	40.4	165.0	125.2	125.6	106.7	.476

(g-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.8	13.05	11.70	313.4	52.3	138.9	84.9	84.9	109.8	.397
21.4	13.07	11.70	313.3	52.4	139.7	85.2	85.3	110.6	.400
33.6	13.08	11.71	313.4	52.1	140.0	86.0	86.1	110.4	.401
48.8	13.08	11.71	313.4	52.1	139.8	85.9	86.0	110.2	.400
64.9	13.05	11.72	312.4	52.0	137.9	84.9	85.0	108.6	.395
77.4	13.04	11.72	312.6	53.1	137.4	82.5	82.6	109.8	.394
93.7	13.06	11.73	312.8	52.4	137.3	83.8	83.9	108.7	.393
110.0	13.07	11.74	312.9	52.3	137.8	84.2	84.3	109.0	.395
132.1	12.97	11.74	312.7	56.1	132.8	74.1	74.1	110.2	.380
148.3	12.95	11.73	313.1	55.6	132.1	74.6	74.7	109.0	.378
164.3	12.96	11.73	312.9	55.1	132.6	75.9	75.9	109.7	.379
177.0	12.99	11.73	313.1	55.4	134.2	76.2	76.3	110.4	.384
189.8	13.02	11.72	313.0	55.5	136.3	77.2	77.3	112.3	.390
209.4	13.00	11.70	312.8	55.4	136.2	77.4	77.5	112.0	.390
221.6	12.98	11.69	312.8	55.9	135.7	76.1	76.1	112.4	.389
236.8	13.01	11.69	313.3	55.4	138.0	78.4	78.4	113.5	.395
252.9	12.99	11.69	312.8	55.5	136.4	77.3	77.4	112.3	.391
265.4	12.99	11.70	313.5	55.3	136.6	77.7	77.8	112.3	.391
281.7	12.98	11.70	312.9	54.8	135.1	77.9	78.0	110.3	.387
298.0	12.97	11.70	312.1	55.1	134.9	77.1	77.2	110.7	.387
304.1	13.02	11.70	312.4	52.1	137.1	84.1	84.2	108.2	.393
320.3	13.05	11.71	312.5	52.1	138.4	85.0	85.1	109.2	.397
336.3	13.03	11.71	313.4	52.2	137.9	84.4	84.5	109.0	.395
349.0	13.06	11.70	312.9	52.1	139.6	85.7	85.8	110.1	.400

TABLE IV. - Continued.

(g) Continued.

(g-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	13.04	11.64	313.0	50.9	141.8	89.5	89.5	110.0	.406
20.5	13.05	11.64	313.1	51.0	142.3	89.5	89.6	110.5	.408
32.1	13.06	11.64	313.5	50.9	142.8	90.0	90.0	110.8	.409
49.2	13.05	11.66	313.7	50.8	141.1	89.1	89.2	109.3	.404
64.9	12.99	11.66	312.2	51.3	138.2	86.4	86.4	107.8	.396
77.6	13.04	11.67	312.9	52.0	140.0	86.2	86.2	110.3	.401
90.1	13.03	11.68	312.5	50.7	139.1	88.1	88.1	107.6	.399
110.2	13.06	11.68	312.9	50.8	140.6	88.9	88.9	108.9	.403
131.7	12.98	11.69	312.9	55.1	136.6	78.1	78.1	112.0	.391
148.0	12.95	11.68	312.8	54.7	135.0	77.9	78.0	110.2	.386
163.8	12.95	11.67	313.1	54.2	135.8	79.5	79.5	110.1	.389
176.9	13.02	11.67	313.3	54.2	139.0	81.3	81.3	112.8	.398
189.6	12.99	11.67	313.1	54.0	138.0	81.2	81.2	111.6	.395
208.5	13.00	11.66	313.6	54.4	139.0	80.8	80.9	113.1	.398
220.1	13.04	11.64	313.3	54.4	141.6	82.4	82.5	115.1	.406
237.2	13.00	11.63	314.1	54.1	140.8	82.5	82.5	114.1	.403
252.9	13.00	11.63	313.5	54.5	140.1	81.4	81.4	114.0	.401
265.6	12.98	11.64	313.0	54.3	138.9	81.0	81.0	112.9	.398
278.1	12.99	11.64	313.0	53.9	139.3	82.1	82.2	112.5	.399
298.2	13.00	11.64	312.6	54.2	139.8	81.8	81.8	113.4	.401
303.7	13.00	11.64	312.3	51.1	140.0	87.9	87.9	109.0	.402
320.0	13.03	11.64	312.9	50.9	141.3	89.1	89.2	109.6	.405
335.8	13.04	11.63	313.1	50.7	142.0	89.9	89.9	110.0	.407
348.9	13.02	11.64	313.4	51.2	141.1	88.4	88.5	109.9	.404

(g-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.8	13.13	11.30	313.1	47.0	162.7	111.0	111.1	118.9	.469
21.2	13.15	11.29	313.0	47.1	163.7	111.4	111.5	119.8	.472
33.5	13.16	11.30	314.0	47.2	164.0	111.4	111.5	120.2	.472
49.5	13.12	11.29	312.9	47.4	162.2	109.8	109.9	119.3	.467
64.4	13.08	11.29	312.8	47.6	160.8	108.4	108.5	118.6	.463
76.9	13.13	11.30	312.7	47.1	162.5	110.5	110.6	119.0	.468
93.2	13.06	11.30	312.8	47.5	159.4	107.7	107.8	117.4	.459
109.9	13.05	11.31	312.9	47.2	158.5	107.6	107.7	116.3	.456
131.8	13.04	11.32	312.5	48.5	157.7	104.4	104.5	118.1	.454
148.2	13.03	11.31	312.5	48.7	157.8	104.1	104.2	118.5	.455
164.2	13.11	11.30	313.6	48.4	161.6	107.2	107.3	120.9	.465
176.8	13.11	11.30	313.2	47.9	161.5	108.3	108.4	119.7	.465
189.8	13.12	11.29	313.2	48.1	162.3	108.3	108.4	120.8	.468
209.2	13.12	11.29	314.1	48.3	162.6	108.1	108.2	121.4	.468
221.5	13.14	11.29	314.1	48.2	163.6	108.9	109.0	121.9	.471
237.5	13.12	11.29	314.4	48.5	163.0	107.9	108.0	122.1	.469
252.4	13.11	11.29	314.2	48.4	162.5	107.8	107.9	121.5	.467
264.9	13.10	11.30	313.8	48.4	161.8	107.4	107.5	120.9	.465
281.2	13.09	11.29	313.9	48.2	161.5	107.6	107.7	120.4	.464
297.9	13.12	11.30	313.8	48.4	162.4	107.8	107.9	121.4	.467
303.8	13.09	11.30	312.7	47.1	160.9	107.4	107.5	117.8	.463
320.2	13.10	11.30	313.2	47.0	161.3	107.9	110.0	118.0	.464
336.2	13.12	11.30	312.9	47.2	162.2	110.3	110.4	118.9	.467
348.8	13.13	11.29	313.3	47.0	162.8	110.9	111.0	119.1	.469

TABLE IV. - Continued.

(g) Continued.

(g-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.5	13.45	10.79	315.5	45.5	196.6	137.2	138.6	139.4	.570
20.9	13.47	10.79	315.1	45.8	197.2	136.7	138.1	140.8	.572
33.6	13.47	10.79	315.5	46.1	197.3	136.2	137.6	141.5	.572
48.9	13.47	10.80	314.8	46.4	196.9	135.1	136.5	142.0	.572
64.7	13.46	10.80	314.3	46.2	196.3	135.3	136.7	140.9	.570
77.2	13.49	10.81	314.7	46.2	197.1	135.7	137.0	141.7	.572
93.1	13.46	10.83	315.6	46.6	195.7	133.7	135.1	141.6	.567
110.0	13.45	10.82	315.2	46.4	195.5	134.2	135.5	140.9	.567
131.7	13.43	10.82	315.2	47.8	194.7	130.3	131.6	143.4	.564
147.6	13.43	10.81	315.7	47.2	195.4	132.1	133.4	142.7	.566
163.9	13.40	10.80	315.9	46.7	194.8	132.9	134.3	141.2	.564
176.9	13.42	10.80	316.0	46.9	195.6	133.1	134.4	142.1	.566
189.6	13.41	10.79	315.9	46.5	195.6	133.9	135.3	141.3	.566
208.9	13.43	10.80	315.5	46.4	195.5	134.2	135.6	140.9	.567
221.6	13.39	10.81	315.9	46.8	194.3	132.5	133.8	140.9	.562
236.9	13.36	10.80	315.2	46.4	193.1	132.5	133.8	139.2	.559
252.7	13.38	10.80	314.8	46.5	193.8	132.5	133.9	140.1	.562
265.2	13.37	10.80	315.5	46.6	193.5	132.4	133.8	139.8	.560
281.1	13.36	10.80	315.7	46.0	193.4	133.6	135.0	138.5	.560
298.0	13.37	10.79	314.7	45.9	193.8	134.3	135.7	138.4	.562
303.7	13.46	10.79	314.3	45.8	196.7	136.6	137.9	140.2	.571
319.6	13.46	10.80	315.0	45.5	196.7	137.1	138.5	139.6	.570
335.9	13.46	10.79	315.2	45.9	196.8	136.3	137.7	140.7	.571
348.9	13.45	10.79	316.0	45.8	196.9	136.5	137.9	140.5	.570

(g-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.5	13.25	11.78	328.2	.8	147.7	147.2	147.7	2.2	.414
22.2	13.25	11.78	329.0	.4	147.4	146.9	147.4	1.0	.412
35.7	13.28	11.79	329.1	.8	148.8	148.3	148.8	2.0	.416
48.0	13.28	11.78	329.6	.6	149.1	148.6	149.1	1.5	.417
67.6	13.28	11.79	329.6	.6	148.7	148.1	148.7	1.7	.416
80.0	13.31	11.79	329.6	.7	150.1	149.6	150.1	1.8	.420
95.7	13.31	11.78	329.3	.8	150.4	149.8	150.4	2.2	.421
111.3	13.27	11.79	329.1	.2	148.3	147.8	148.3	.6	.415
124.1	13.30	11.80	328.8	.5	148.9	148.4	148.9	1.3	.417
139.6	13.27	11.81	328.3	.5	147.1	146.6	147.1	1.3	.412
156.5	13.26	11.80	328.1	.5	146.7	146.1	146.6	1.2	.411
170.5	13.28	11.80	327.5	.6	147.8	147.3	147.8	1.6	.415
186.5	13.28	11.81	327.5	.5	147.0	146.5	147.0	1.3	.412
202.2	13.26	11.80	327.5	.5	147.1	146.6	147.1	1.3	.412
215.7	13.24	11.81	326.6	.6	145.4	144.9	145.4	1.5	.408
228.0	13.23	11.82	326.9	.4	144.3	143.8	144.3	1.0	.405
247.6	13.23	11.80	326.6	.3	144.9	144.4	144.9	.6	.407
260.0	13.24	11.80	326.3	.5	145.6	145.1	145.6	1.3	.409
275.7	13.23	11.80	326.4	.6	145.3	144.7	145.3	1.5	.408
291.3	13.21	11.81	326.3	.5	144.0	143.5	144.0	1.3	.404
304.1	13.21	11.80	326.0	.6	144.4	143.9	144.4	1.5	.406
319.6	13.22	11.79	326.1	.3	145.1	144.6	145.1	1.9	.407
336.5	13.22	11.78	326.8	.8	145.4	144.9	145.4	2.1	.408
350.5	13.26	11.78	328.0	.8	147.9	147.3	147.8	2.1	.414

TABLE IV. - Continued.

(g) Continued.

(g-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.4	13.24	11.77	326.2	-.6	147.3	146.8	147.3	-1.6	.414
22.5	13.25	11.78	327.0	-.9	146.9	146.4	146.9	-2.2	.412
35.7	13.26	11.78	326.8	-.7	147.9	147.4	147.9	-1.7	.415
48.2	13.28	11.77	327.3	-.6	149.2	148.6	149.1	-1.6	.418
67.5	13.30	11.78	327.4	-.7	149.5	149.0	149.5	-1.8	.419
79.8	13.32	11.78	327.2	-.9	150.2	149.6	150.2	-2.5	.422
95.7	13.31	11.79	326.8	-.9	149.7	149.1	149.6	-2.4	.420
111.3	13.30	11.78	326.9	-1.1	149.4	148.9	149.4	-2.8	.420
123.8	13.31	11.79	326.4	-1.0	149.5	149.0	149.5	-2.5	.420
139.4	13.30	11.80	326.4	-1.0	148.4	147.9	148.4	-2.7	.417
156.4	13.30	11.80	326.1	-.9	148.0	147.5	148.0	-2.7	.416
170.6	13.28	11.80	325.3	-.1	147.4	146.9	147.4	-.3	.415
186.4	13.28	11.81	325.2	-.2	147.0	146.4	147.0	-.4	.414
202.5	13.28	11.80	325.4	-.1	147.3	146.8	147.3	-.3	.414
215.7	13.25	11.81	325.1	-.1	145.5	144.9	145.5	-.3	.409
228.2	13.24	11.81	324.8	-.2	144.8	144.2	144.8	-.4	.407
247.5	13.27	11.79	324.8	-.1	147.2	146.7	147.2	-.3	.415
259.8	13.27	11.78	324.7	-.1	147.7	147.1	147.7	-.3	.416
275.7	13.27	11.79	324.6	-.0	147.2	146.7	147.2	-.1	.415
291.3	13.26	11.78	324.5	-.0	146.9	146.4	146.9	-.0	.414
303.8	13.24	11.77	324.3	-.0	146.7	146.2	146.7	-.1	.413
319.4	13.26	11.77	324.6	.1	147.7	147.2	147.7	.2	.416
336.4	13.23	11.78	325.1	.0	146.2	145.7	146.2	.0	.411
350.6	13.25	11.78	326.1	-.6	147.2	146.6	147.2	-1.6	.414

(g-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.6	13.21	11.76	322.9	-2.1	145.4	144.7	145.3	-5.4	.410
22.6	13.22	11.76	323.6	-2.3	146.3	145.6	146.1	-5.9	.412
35.3	13.21	11.75	323.3	-2.2	145.9	145.2	145.8	-5.6	.412
48.0	13.27	11.75	323.6	-2.1	148.8	148.1	148.7	-5.4	.420
67.0	13.26	11.79	323.3	-2.1	146.4	145.7	146.3	-5.4	.413
80.1	13.26	11.82	323.2	-2.2	144.9	144.3	144.8	-5.6	.409
95.5	13.25	11.82	322.8	-2.2	144.4	143.8	144.3	-5.5	.408
111.3	13.27	11.81	323.0	-2.1	145.7	145.1	145.6	-5.3	.411
123.7	13.30	11.80	322.6	-2.3	147.3	146.7	147.2	-5.9	.416
139.5	13.23	11.80	322.4	-2.1	144.1	143.5	144.0	-5.1	.407
156.5	13.24	11.81	322.4	-2.1	144.1	143.5	144.0	-5.3	.407
170.2	13.30	11.81	322.4	-1.2	147.2	146.6	147.2	-3.0	.416
186.6	13.30	11.81	322.7	-1.2	147.4	146.8	147.3	-3.1	.416
202.6	13.30	11.81	323.2	-1.2	147.2	146.7	147.2	-3.0	.416
215.3	13.29	11.80	322.6	-1.2	146.9	146.3	146.8	-3.1	.415
228.0	13.26	11.80	322.3	-1.1	145.8	145.3	145.8	-2.8	.412
247.0	13.27	11.78	322.3	-1.2	147.5	146.9	147.5	-3.0	.417
260.1	13.28	11.77	322.4	-1.2	148.2	147.6	148.2	-3.1	.419
275.5	13.26	11.77	321.9	-1.1	146.9	146.3	146.9	-2.9	.416
291.3	13.24	11.77	321.6	-1.1	146.4	145.8	146.3	-2.9	.414
303.7	13.24	11.76	321.3	-1.2	146.8	146.2	146.7	-3.2	.415
319.5	13.24	11.76	321.3	-1.2	146.4	145.8	146.3	-3.2	.414
336.5	13.20	11.76	321.4	-1.4	144.5	143.9	144.4	-3.4	.409
350.2	13.20	11.76	322.9	-2.1	144.9	144.3	144.8	-5.3	.409

TABLE IV. - Continued.

(g) Continued.

(g-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.1	13.15	11.75	320.2	-1.6	142.7	142.1	142.6	-4.1	.404
22.0	13.15	11.74	320.4	-1.6	143.1	142.5	143.1	-4.0	.405
35.4	13.14	11.74	320.1	-1.5	142.8	142.2	142.8	-3.8	.405
47.9	13.19	11.74	320.2	-1.6	145.0	144.3	144.9	-4.0	.411
67.3	13.18	11.78	320.3	-1.4	142.6	141.9	142.5	-3.6	.404
79.6	13.16	11.80	320.1	-1.5	140.7	140.1	140.6	-3.7	.398
95.3	13.19	11.80	319.8	-1.3	141.6	141.0	141.6	-3.2	.401
110.4	13.22	11.79	320.1	-1.5	143.8	143.2	143.8	-3.7	.408
123.9	13.24	11.79	320.2	-1.4	145.1	144.4	145.0	-3.5	.411
139.5	13.20	11.78	319.7	-1.4	143.5	142.9	143.4	-3.5	.407
156.4	13.20	11.79	319.9	-1.3	142.8	142.1	142.7	-3.3	.405
170.1	13.24	11.80	319.8	-1.0	144.5	143.9	144.5	-2.6	.410
186.1	13.26	11.80	320.0	-1.0	145.4	144.8	145.3	-2.6	.412
202.0	13.25	11.79	320.1	-1.0	145.0	144.4	145.0	-2.6	.411
215.4	13.25	11.79	320.3	-9	145.5	144.9	145.4	-2.4	.412
227.9	13.21	11.79	320.0	-1.0	143.6	143.0	143.6	-2.5	.407
247.3	13.21	11.76	319.9	-1.0	144.8	144.2	144.8	-2.5	.411
259.6	13.22	11.75	320.1	-1.0	145.7	145.0	145.6	-2.4	.413
275.3	13.20	11.75	319.5	-1.0	144.7	144.1	144.7	-2.4	.411
290.4	13.20	11.75	319.5	-1.0	145.2	144.5	145.1	-2.5	.412
303.9	13.20	11.74	319.2	-1.1	145.2	144.6	145.1	-2.7	.412
319.5	13.20	11.73	319.0	-1.0	145.7	145.1	145.7	-2.6	.414
336.4	13.17	11.74	318.8	-1.1	143.5	142.9	143.5	-2.8	.408
350.1	13.13	11.75	320.2	-1.5	141.7	141.0	141.6	-3.7	.401

(g-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
5.7	13.08	11.74	318.4	-1.4	139.1	138.5	139.1	-3.5	.395
21.8	13.08	11.73	318.6	-1.6	140.2	139.6	140.2	-3.8	.398
35.3	13.08	11.73	318.4	-1.5	139.8	139.1	139.7	-3.6	.397
47.5	13.12	11.73	318.5	-1.6	141.6	141.0	141.6	-4.0	.402
65.9	13.10	11.76	318.4	-1.5	139.6	138.9	139.5	-3.7	.396
78.5	13.09	11.77	318.4	-1.5	138.6	137.9	138.5	-3.6	.393
94.4	13.13	11.77	318.3	-1.4	140.3	139.7	140.3	-3.3	.399
109.5	13.16	11.78	318.7	-1.4	141.1	140.4	141.0	-3.5	.401
123.1	13.18	11.78	318.8	-1.2	142.3	141.7	142.3	-2.9	.404
138.8	13.14	11.78	318.6	-1.2	140.1	139.5	140.0	-2.9	.398
155.5	13.14	11.78	318.8	-1.1	140.2	139.6	140.2	-2.8	.398
169.9	13.17	11.79	318.2	-1.5	141.0	140.4	141.0	-3.6	.401
185.7	13.17	11.79	318.3	-1.4	140.8	140.2	140.8	-3.4	.400
201.3	13.18	11.78	318.7	-1.4	142.1	141.5	142.1	-3.5	.404
215.3	13.18	11.78	318.6	-1.2	142.0	141.4	142.0	-3.0	.403
227.5	13.16	11.78	318.5	-1.3	140.9	140.3	140.8	-3.3	.400
245.9	13.15	11.75	318.3	-1.3	142.3	141.7	142.3	-3.3	.404
258.5	13.15	11.72	318.4	-1.4	143.7	143.1	143.7	-3.5	.409
274.4	13.14	11.72	318.0	-1.4	143.5	142.8	143.4	-3.4	.408
289.5	13.13	11.73	318.1	-1.4	142.2	141.6	142.2	-3.5	.404
303.1	13.12	11.74	317.7	-1.5	141.6	140.9	141.5	-3.6	.403
318.8	13.12	11.74	317.6	-1.5	141.3	140.7	141.3	-3.6	.402
335.5	13.10	11.74	317.4	-1.5	140.4	139.8	140.4	-3.6	.399
349.9	13.06	11.75	318.5	-1.4	138.3	137.7	138.3	-3.5	.393

TABLE IV. - Continued.

(g) Continued.

(g-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.8	13.01	11.72	316.8	-1.2	136.8	136.1	136.7	-2.9	.389
22.4	13.02	11.73	316.6	-1.2	136.7	136.1	136.7	-2.8	.389
35.2	13.00	11.73	316.6	-1.2	135.7	135.1	135.7	-2.9	.386
48.0	13.04	11.73	316.8	-1.3	137.7	137.1	137.7	-3.0	.392
67.1	13.03	11.76	316.7	-1.2	135.6	135.0	135.5	-2.8	.386
79.8	13.01	11.77	316.6	-1.2	134.4	133.8	134.3	-2.8	.382
95.2	13.03	11.77	316.7	-1.2	135.1	134.5	135.1	-2.8	.384
111.1	13.06	11.77	316.9	-1.3	136.4	135.8	136.4	-3.0	.388
123.6	13.07	11.78	317.0	-1.1	136.5	135.9	136.5	-2.6	.388
137.4	13.04	11.78	317.2	-1.2	135.4	134.8	135.4	-2.8	.385
156.5	13.04	11.77	317.4	-1.0	135.6	135.0	135.6	-2.5	.385
170.1	13.07	11.77	316.1	-1.7	135.3	136.6	137.2	-4.1	.391
182.8	13.07	11.77	316.6	-1.8	137.1	136.4	137.0	-4.2	.390
202.4	13.09	11.77	316.6	-1.7	137.9	137.3	137.9	-4.0	.393
215.2	13.09	11.77	317.1	-1.6	137.9	137.2	137.8	-3.9	.392
228.0	13.07	11.78	316.6	-1.6	136.8	136.1	136.7	-3.9	.389
247.1	13.07	11.74	316.7	-1.7	138.2	137.6	138.2	-4.0	.393
259.8	13.06	11.72	316.7	-1.7	139.1	138.4	139.0	-4.2	.396
275.2	13.05	11.72	316.6	-1.7	138.6	137.9	138.5	-4.1	.395
291.1	13.04	11.73	316.0	-1.7	137.5	136.9	137.5	-4.2	.392
303.6	13.04	11.74	316.1	-1.7	137.3	136.6	137.2	-4.1	.391
317.4	13.03	11.73	316.0	-1.8	137.0	136.4	137.0	-4.2	.390
336.5	13.02	11.73	315.7	-1.8	136.7	136.1	136.7	-4.2	.390
350.1	12.99	11.72	316.4	-1.2	135.5	134.9	135.5	-2.8	.386

(g-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.5	12.76	11.71	313.4	-1.1	123.5	122.9	123.5	-2.2	.352
22.3	12.76	11.71	313.4	-1.1	123.7	123.1	123.7	-2.3	.353
35.1	12.75	11.71	313.2	-1.1	122.9	122.3	122.9	-2.2	.351
48.1	12.76	11.70	313.1	-1.2	123.8	123.2	123.8	-2.4	.353
67.6	12.75	11.73	313.0	-1.2	121.5	120.9	121.5	-2.5	.347
79.7	12.76	11.75	313.1	-1.2	120.8	120.2	120.8	-2.3	.345
95.8	12.77	11.75	312.9	0	121.3	120.7	121.3	0	.346
111.1	12.77	11.75	313.3	-1.1	121.2	120.6	121.2	-1.1	.346
123.8	12.80	11.75	310.5	-1.2	122.9	122.3	122.9	-2.4	.352
136.3	12.77	11.75	312.9	-1.2	121.9	121.3	121.9	-2.4	.348
156.4	12.77	11.75	313.4	-1.2	121.8	121.2	121.8	-2.4	.347
170.6	12.83	11.75	313.3	-1.6	125.0	124.3	124.9	-3.5	.357
186.5	12.84	11.75	313.7	-1.5	125.6	125.0	125.6	-3.4	.358
202.3	12.84	11.75	313.5	-1.5	125.5	124.9	125.5	-3.3	.358
215.1	12.84	11.75	313.4	-1.6	125.6	124.9	125.5	-3.6	.358
228.1	12.84	11.75	313.3	-1.6	125.6	125.0	125.6	-3.6	.359
247.6	12.83	11.72	313.8	-1.5	126.4	125.8	126.4	-3.4	.361
259.7	12.82	11.71	313.4	-1.5	126.4	125.8	126.4	-3.4	.361
275.8	12.81	11.71	313.3	-1.5	126.0	125.3	125.9	-3.3	.360
291.1	12.79	11.72	313.2	-1.5	125.0	124.4	125.0	-3.2	.357
303.8	12.81	11.71	310.3	-1.5	125.7	125.0	125.6	-3.3	.361
316.3	12.81	11.71	313.0	-1.5	125.9	125.3	125.9	-3.3	.360
336.4	12.80	11.71	312.9	-1.6	125.7	125.0	125.6	-3.5	.359
350.6	12.74	11.71	313.4	-1.1	122.4	121.9	122.4	-2.2	.349

TABLE IV. - Continued.

(g) Concluded.

(g-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	12.87	11.96	310.0	14.9	113.5	108.7	109.7	28.9	.325
24.3	12.85	11.93	310.0	14.9	114.4	109.5	110.6	29.2	.328
43.9	12.84	11.96	310.1	14.9	111.8	107.0	108.1	26.5	.320
56.3	12.84	11.92	310.1	14.9	114.5	109.7	110.7	29.2	.328
72.0	12.82	11.92	310.1	14.9	113.4	108.6	109.7	29.0	.325
87.6	12.85	11.93	310.1	14.9	114.5	109.6	110.7	29.2	.328
100.4	12.85	11.90	310.2	14.9	116.7	111.8	112.9	29.8	.334
115.9	12.87	11.97	310.2	14.9	113.3	108.5	109.5	28.9	.324
132.8	12.87	11.89	310.2	14.9	118.0	113.0	114.1	30.1	.338
326.8	12.89	11.95	310.0	14.9	115.3	110.5	111.5	29.4	.330
342.8	12.86	11.95	310.0	14.9	114.0	109.1	110.7	29.1	.326
358.5	12.88	11.94	310.0	14.9	115.5	110.6	111.7	29.5	.331

(g-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
56.7	12.92	11.79	310.7	11.8	127.2	123.6	124.6	25.8	.365
72.7	12.91	11.79	310.8	11.8	126.6	123.0	124.0	25.7	.363
88.4	12.96	11.79	310.8	11.8	128.8	125.2	126.2	26.1	.369
101.9	12.89	11.77	310.9	11.8	126.4	122.8	123.8	25.6	.362
114.2	12.92	11.81	310.9	11.8	125.9	122.3	123.3	25.5	.361
133.8	12.91	11.77	311.0	11.8	127.8	124.2	125.1	25.9	.366
146.2	12.91	11.77	311.0	11.8	127.3	123.7	124.7	25.8	.365
161.9	12.92	11.77	311.3	11.8	128.1	124.4	125.4	25.9	.367
177.5	12.92	11.77	311.4	11.8	128.4	124.7	125.7	26.0	.368
190.3	12.92	11.77	311.2	11.8	128.1	124.5	125.4	26.0	.367
205.8	12.89	11.77	311.2	11.8	126.9	123.3	124.2	25.7	.363
222.7	12.89	11.77	311.0	11.8	126.8	123.2	124.2	25.7	.363

(g-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.8	12.87	11.65	312.6	6.8	132.8	130.9	131.9	15.5	.380
29.7	12.85	11.63	312.5	6.8	132.5	130.6	131.5	15.5	.379
223.7	12.88	11.67	313.1	6.8	132.3	130.4	131.4	15.6	.378
239.7	12.85	11.66	312.7	6.8	131.2	129.4	130.3	15.3	.375
255.4	12.83	11.66	313.1	6.7	130.1	128.2	129.2	15.2	.372
268.9	12.86	11.66	313.5	6.7	131.4	129.6	130.5	15.3	.376
281.2	12.84	11.64	313.5	6.7	131.5	129.6	130.6	15.3	.376
300.8	12.85	11.67	312.8	6.7	130.8	128.9	129.9	15.2	.374
313.2	12.85	11.64	312.9	6.7	132.7	130.8	131.8	15.5	.380
328.9	12.86	11.65	312.9	6.7	132.3	130.4	131.4	15.4	.378
344.5	12.86	11.64	312.8	6.7	132.7	130.8	131.8	15.5	.380
357.3	12.87	11.65	312.7	6.7	133.0	131.1	132.1	15.5	.381

TABLE IV. - Continued.

(h) 70 Percent of design speed; reading 10-148

(h-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	9.71	9.35	288.5	-9.7	79.2	78.1	78.1	-13.3	.234
24.6	9.91	9.35	289.3	-4.6	97.5	97.2	97.2	-7.9	.289
37.7	9.99	9.34	289.6	-8.8	105.1	103.8	103.8	-16.1	.311
57.4	9.86	9.38	289.2	-17.8	91.3	87.0	87.0	-27.8	.270
69.7	9.90	9.42	289.0	-14.8	91.0	87.9	87.9	-23.2	.269
85.3	9.99	9.44	288.7	-13.3	96.6	94.0	94.0	-22.2	.286
100.8	9.95	9.46	288.8	-11.6	90.9	89.0	89.0	-18.2	.269
113.4	9.96	9.46	288.6	-10.5	91.9	90.3	90.3	-16.8	.272
128.5	9.97	9.48	288.3	-9.8	91.3	90.0	90.0	-15.6	.270
144.7	10.02	9.48	288.7	-8.0	96.0	95.1	95.1	-13.3	.284
163.1	10.07	9.50	288.3	-7.0	97.3	96.6	96.6	-11.9	.288
179.2	10.09	9.51	288.6	-3.5	98.3	98.2	98.2	-6.1	.291
195.1	10.10	9.51	288.9	1.5	99.2	99.1	99.1	2.5	.294
207.6	10.05	9.51	288.9	5.4	95.2	94.8	94.8	9.0	.282
220.7	10.10	9.51	289.0	8.5	99.1	98.0	98.0	14.7	.293
240.4	10.03	9.48	289.2	9.4	96.1	94.8	94.8	15.7	.284
252.7	10.00	9.45	288.7	10.3	96.5	95.0	95.0	17.2	.286
268.3	9.97	9.43	288.8	10.6	96.4	94.7	94.7	17.7	.285
283.8	9.91	9.41	288.3	12.2	91.4	89.4	89.4	19.3	.271
296.4	9.88	9.40	288.4	13.4	91.1	88.6	88.6	21.1	.270
311.5	9.82	9.37	288.2	17.1	87.7	83.9	83.9	25.8	.260
327.7	9.93	9.37	288.8	12.7	98.2	95.8	95.8	21.6	.291
340.1	9.84	9.35	288.4	1.9	91.7	91.7	91.7	3.1	.271
356.2	9.87	9.33	288.9	-2.0	95.8	95.7	95.7	-3.3	.283

(h-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	9.75	9.35	288.4	-3.6	83.9	83.7	83.7	-5.2	.248
25.5	10.11	9.36	289.2	-1.1	112.5	112.5	112.5	-2.1	.334
37.5	10.09	9.36	289.5	-5.9	111.2	110.7	110.7	-11.4	.330
57.0	9.94	9.38	289.0	-10.8	97.8	96.1	96.1	-18.3	.289
69.7	9.93	9.43	288.9	-8.8	92.3	91.3	91.3	-14.0	.273
85.2	9.95	9.45	288.8	-7.5	92.3	91.5	91.5	-12.0	.273
100.3	10.04	9.47	288.5	-9.2	98.1	96.9	96.9	-15.6	.291
113.0	10.03	9.48	288.0	-10.7	96.3	94.7	94.7	-17.8	.285
129.1	10.02	9.48	288.2	-6.3	94.6	94.1	94.1	-10.3	.280
143.8	10.11	9.48	288.1	-6.0	102.4	101.8	101.8	-10.7	.304
163.4	10.11	9.51	288.5	-6.3	100.2	99.6	99.6	-11.1	.297
179.4	10.15	9.52	288.5	-1.6	102.5	102.4	102.4	-2.8	.304
194.9	10.14	9.52	288.5	.7	101.9	101.9	101.9	1.2	.302
208.5	10.13	9.51	288.5	3.5	101.6	101.4	101.4	6.2	.301
220.5	10.03	9.51	288.7	3.4	94.4	94.2	94.2	5.6	.279
240.0	10.03	9.49	288.7	4.6	95.8	95.4	95.4	7.7	.283
252.7	10.06	9.46	289.1	5.6	99.9	99.4	99.4	9.7	.296
268.2	10.00	9.43	288.5	6.7	98.0	97.4	97.4	11.4	.290
283.3	9.97	9.41	288.2	6.4	96.9	96.3	96.3	10.9	.287
296.0	9.96	9.40	288.2	7.0	97.3	96.5	96.5	11.8	.288
312.1	9.88	9.38	287.5	9.9	91.9	90.5	90.5	15.8	.272
326.8	9.92	9.37	287.9	7.6	96.5	95.7	95.7	12.8	.286
340.4	10.11	9.36	289.0	.1	112.4	112.4	112.4	.2	.334
356.4	10.01	9.34	289.1	-3.0	106.8	106.7	106.7	-5.6	.317

TABLE IV. - Continued.

(h) Continued.

(h-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	9.90	9.36	288.4	-.9	95.8	95.7	95.8	-1.5	.284
24.0	10.11	9.36	288.9	.1	112.5	112.5	112.5	.2	.334
37.5	10.10	9.38	288.9	-2.7	110.3	110.2	110.2	-5.2	.327
57.0	10.03	9.39	288.9	-2.8	103.5	103.4	103.4	-5.0	.307
69.3	10.09	9.45	288.8	-1.0	103.5	103.4	103.5	-1.7	.307
85.2	9.99	9.46	288.6	-1.8	95.2	95.1	95.1	-2.9	.282
100.7	10.05	9.48	288.5	-2.8	98.2	98.0	98.0	-4.8	.291
112.9	10.10	9.49	287.7	-2.9	101.4	101.2	101.2	-5.1	.301
128.5	10.12	9.50	288.0	-4.2	102.4	102.1	102.1	-7.5	.304
143.7	10.11	9.51	288.4	-3.0	100.9	100.8	100.8	-5.2	.299
163.5	10.11	9.52	287.8	-3.4	99.1	98.9	98.9	-5.9	.294
179.3	10.16	9.52	289.3	-1.4	103.1	103.1	103.1	-2.5	.306
195.3	10.14	9.52	288.2	1.4	102.0	102.0	102.0	2.5	.303
207.0	10.07	9.51	288.4	2.0	96.5	96.4	96.4	3.4	.286
220.5	10.08	9.51	289.0	.6	98.0	98.0	98.0	1.1	.290
240.0	10.10	9.49	289.0	1.3	101.4	101.4	101.4	2.4	.300
252.3	10.09	9.48	288.5	1.0	101.2	101.2	101.2	1.8	.300
268.2	10.07	9.46	288.5	1.0	101.6	101.6	101.6	1.8	.301
283.7	10.06	9.43	287.6	-.3	102.6	102.6	102.6	-.6	.305
295.9	10.15	9.42	288.0	-.1	110.4	110.3	110.4	-.2	.328
311.5	9.90	9.40	287.0	-1.3	92.1	92.1	92.1	-2.1	.273
326.7	9.87	9.39	286.7	1.0	89.6	89.6	89.6	1.5	.266
340.5	10.13	9.39	288.1	-1.8	111.5	111.4	111.5	-3.5	.331
356.3	10.10	9.37	288.8	-2.3	110.8	110.7	110.8	-4.4	.329

(h-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.15	9.36	288.4	-.3	115.2	115.1	115.2	-.5	.342
24.8	10.17	9.37	289.0	.3	116.0	115.9	116.0	.6	.344
37.3	10.01	9.37	288.5	.7	104.4	104.3	104.4	1.2	.310
56.5	10.01	9.39	288.4	.9	102.9	102.8	102.9	1.7	.305
69.7	10.08	9.46	288.0	1.2	101.7	101.7	101.7	2.1	.302
85.1	10.10	9.47	289.3	.7	102.7	102.7	102.7	1.3	.304
100.8	10.04	9.48	288.2	-.9	97.1	97.1	97.1	-1.5	.288
113.0	10.03	9.49	287.2	-.6	95.6	95.6	95.6	-1.0	.284
128.7	10.12	9.49	288.0	-1.1	102.0	101.9	102.0	-2.0	.303
144.5	10.11	9.50	287.2	-.7	101.2	101.1	101.1	-1.2	.300
163.4	10.12	9.51	287.2	.8	101.1	101.1	101.1	1.4	.300
179.2	10.16	9.51	287.9	1.0	103.9	103.9	103.9	1.8	.308
194.9	10.17	9.51	288.0	1.6	104.6	104.5	104.6	3.0	.310
207.8	10.17	9.51	288.4	-.5	104.4	104.3	104.4	-.9	.310
220.3	10.12	9.51	288.1	-2.2	101.1	101.0	101.1	-3.8	.300
239.5	10.17	9.49	288.7	-.5	105.8	105.8	105.8	-.8	.314
252.7	10.16	9.48	288.6	-2.7	106.6	106.4	106.5	-4.9	.316
268.1	10.10	9.46	288.2	-2.3	103.7	103.5	103.6	-4.2	.308
283.8	10.12	9.43	287.7	-2.2	107.5	107.4	107.4	-4.1	.319
296.0	10.16	9.41	287.3	-3.1	111.7	111.5	111.5	-6.1	.332
311.7	10.08	9.40	287.4	-2.9	107.1	106.9	107.0	-5.3	.318
327.5	10.07	9.39	287.8	-1.6	107.0	106.9	107.0	-3.0	.318
340.4	10.15	9.39	288.3	-1.1	113.4	113.3	113.4	-2.1	.337
356.2	10.16	9.37	288.1	-.9	115.2	115.1	115.2	-1.9	.342

TABLE IV. - Continued.

(h) Continued.

(h-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.18	9.38	288.2	.3	115.5	115.4	115.5	.7	.343
24.8	10.20	9.38	287.8	-.1	116.7	116.7	116.7	-.2	.347
37.2	10.14	9.38	288.8	2.8	113.0	112.8	112.8	5.6	.335
57.1	10.12	9.39	288.6	4.9	110.3	109.9	110.0	9.3	.328
69.5	10.16	9.46	288.3	1.8	107.7	107.6	107.7	3.3	.320
85.1	10.08	9.46	287.6	1.6	101.4	101.3	101.4	2.8	.301
100.5	10.09	9.49	288.2	1.3	100.5	100.5	100.5	2.3	.298
113.3	10.17	9.50	288.1	1.1	105.7	105.7	105.7	2.1	.314
129.5	10.18	9.51	288.5	.9	105.6	105.6	105.6	1.6	.313
145.2	10.16	9.52	286.5	-.9	103.6	103.5	103.6	-1.7	.308
163.4	10.07	9.52	287.2	3.3	95.9	95.7	95.8	5.4	.285
179.2	10.17	9.53	287.9	1.8	103.5	103.4	103.5	3.2	.307
195.1	10.18	9.53	288.1	.2	104.5	104.5	104.5	.3	.310
207.8	10.18	9.51	288.7	-.9	105.0	104.9	104.9	-1.6	.311
220.2	10.16	9.51	288.7	-1.6	104.8	104.7	104.7	-2.9	.311
240.1	10.16	9.49	289.2	-1.1	105.6	105.5	105.5	-2.1	.313
252.5	10.19	9.47	287.5	-2.2	109.5	109.4	109.4	-4.2	.326
268.1	10.14	9.45	288.5	-1.6	107.7	107.6	107.7	-3.0	.320
283.5	10.15	9.43	287.5	-2.5	109.0	108.9	108.9	-4.7	.324
296.3	10.20	9.42	287.6	-3.2	113.3	113.0	113.1	-6.3	.337
312.5	10.19	9.41	287.2	-3.3	113.8	113.6	113.7	-6.5	.339
328.2	10.18	9.40	287.2	-2.5	113.9	113.7	113.8	-4.9	.339
340.4	10.18	9.39	288.4	-.9	115.2	115.1	115.2	-1.9	.342
356.2	10.18	9.38	288.6	.3	115.9	115.9	115.9	.5	.345

(h-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.18	9.38	288.2	.3	115.9	115.8	115.9	.5	.345
25.0	10.19	9.38	288.6	1.3	116.2	116.1	116.2	2.6	.345
37.4	10.19	9.39	288.6	3.3	115.6	115.4	115.4	6.6	.343
57.1	10.18	9.41	288.6	2.9	114.1	114.0	114.0	5.7	.339
69.6	10.10	9.42	288.3	.8	106.4	106.4	106.4	1.5	.316
85.1	10.09	9.46	288.2	1.0	102.3	102.2	102.2	1.9	.303
100.8	10.19	9.47	287.4	1.9	109.5	109.4	109.4	3.7	.326
113.3	10.17	9.49	287.2	2.0	106.5	106.4	106.5	3.8	.317
122.1	10.20	9.49	288.1	1.4	108.4	108.3	108.3	2.7	.322
144.8	10.20	9.51	287.9	-.3	106.8	106.8	106.8	-.5	.317
178.6	10.17	9.52	287.7	1.2	103.5	103.5	103.5	2.2	.307
178.6	10.14	9.52	287.7	2.4	101.5	101.3	101.4	4.3	.301
195.2	10.19	9.53	287.8	1.2	105.4	105.3	105.3	2.2	.313
208.0	10.17	9.52	287.7	-3.0	103.9	103.7	103.8	-5.4	.309
220.4	10.19	9.51	288.8	-2.5	106.0	105.8	105.9	-4.6	.314
240.1	10.18	9.50	289.1	-3.5	106.6	106.4	106.4	-6.5	.316
252.6	10.17	9.48	288.6	-3.8	107.5	107.2	107.3	-7.1	.319
268.1	10.17	9.45	288.5	-4.7	110.0	109.6	109.6	-9.0	.326
283.8	10.12	9.43	287.2	-2.4	107.5	107.4	107.4	-4.5	.320
276.3	10.19	9.41	288.2	-2.8	114.3	114.1	114.1	-5.6	.340
305.1	10.20	9.40	288.5	-4.2	115.3	114.9	115.0	-8.4	.343
327.8	10.20	9.40	287.1	-2.2	115.4	115.3	115.3	-4.5	.344
355.6	10.15	9.39	288.0	-.1	113.1	113.1	113.1	-.2	.336
355.6	10.17	9.39	288.5	.0	114.4	114.4	114.4	.0	.340

TABLE IV. - Continued.

(h) Continued.

(h-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.18	9.35	288.7	1.9	118.3	118.2	118.3	3.9	.352
24.9	10.18	9.35	288.0	2.3	118.1	117.9	118.0	4.7	.351
37.4	10.19	9.36	288.4	3.5	118.5	118.2	118.2	7.3	.352
56.7	10.18	9.36	288.3	3.7	116.9	116.6	116.7	7.5	.348
69.3	10.17	9.42	287.9	3.3	111.8	111.6	111.6	6.5	.332
85.2	10.06	9.43	288.0	1.3	103.5	103.5	103.5	2.4	.307
100.3	10.19	9.45	287.6	3.4	111.2	110.9	111.0	6.7	.331
112.8	10.19	9.46	288.0	2.9	110.3	110.1	110.2	5.5	.328
128.8	10.18	9.47	288.2	3.0	109.0	108.8	108.8	5.7	.324
144.5	10.20	9.47	288.3	.5	110.6	110.5	110.6	1.0	.328
163.3	10.12	9.48	287.4	5.6	103.3	102.8	102.8	10.0	.307
179.3	10.11	9.48	287.5	3.6	102.6	102.4	102.4	6.4	.305
195.2	10.18	9.48	288.2	1.1	107.9	107.8	107.8	2.1	.320
207.9	10.19	9.48	287.5	.0	108.8	108.8	108.8	.1	.324
220.4	10.19	9.48	287.2	-1.8	109.1	109.0	109.1	-3.3	.325
239.7	10.20	9.45	288.8	-3.6	111.3	111.1	111.1	-7.0	.330
252.3	10.20	9.42	288.2	-4.5	113.7	113.3	113.4	-8.9	.338
268.2	10.20	9.39	288.3	-4.7	115.8	115.3	115.4	-9.4	.344
283.3	10.18	9.39	287.8	-5.5	114.8	114.3	114.3	-10.9	.342
295.8	10.20	9.38	287.6	-4.6	116.6	116.2	116.2	-9.3	.347
311.8	10.20	9.37	287.3	-4.7	117.3	116.9	116.9	-9.6	.350
327.5	10.20	9.36	287.9	-1.7	118.1	118.0	118.1	-3.5	.352
340.3	10.18	9.36	288.0	-.9	117.4	117.4	117.4	-1.9	.349
356.3	10.18	9.35	287.9	-.0	117.5	117.4	117.5	-.1	.350

(h-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.17	9.36	287.7	1.0	116.4	116.3	116.4	2.0	.346
25.1	10.18	9.35	288.4	2.3	117.3	117.1	117.2	4.8	.349
37.3	10.18	9.36	288.0	2.7	117.3	117.1	117.2	5.5	.349
56.8	10.18	9.37	288.9	4.2	116.5	116.2	116.2	8.5	.346
69.4	10.16	9.42	288.4	4.6	111.8	111.4	111.4	8.9	.332
85.2	10.13	9.42	288.2	5.0	109.1	108.7	108.7	9.6	.324
100.7	10.17	9.44	287.6	4.1	110.3	110.0	110.1	7.8	.328
113.3	10.17	9.45	288.1	4.4	109.6	109.3	109.3	8.4	.326
128.8	10.19	9.45	288.2	3.0	110.7	110.5	110.5	5.8	.329
144.9	10.18	9.46	288.0	1.7	109.8	109.7	109.8	3.2	.326
163.1	10.14	9.47	287.2	5.3	105.4	104.9	104.9	9.8	.313
179.2	10.16	9.47	287.0	3.1	106.7	106.5	106.6	5.8	.318
195.2	10.18	9.47	287.8	-.7	108.6	108.5	108.5	-1.3	.323
208.1	10.18	9.47	287.3	-2.5	108.6	108.5	108.5	-4.7	.323
220.3	10.18	9.47	288.5	-2.0	109.2	109.1	109.1	-3.8	.324
239.8	10.17	9.44	288.4	-3.8	110.1	109.9	109.9	-7.2	.327
252.4	10.18	9.41	287.4	-5.9	113.5	112.8	112.9	-11.6	.338
268.2	10.18	9.39	288.7	-6.4	115.5	114.8	114.8	-12.8	.343
283.7	10.18	9.38	288.8	-6.2	116.1	115.4	115.5	-12.6	.345
296.3	10.19	9.37	288.8	-5.4	116.7	116.1	116.2	-10.9	.347
311.8	10.19	9.37	288.3	-4.9	116.9	116.4	116.5	-9.9	.348
327.9	10.19	9.36	288.5	-3.0	117.5	117.3	117.4	-6.1	.349
340.1	10.17	9.36	287.9	-1.1	116.8	116.7	116.8	-2.1	.347
356.2	10.18	9.36	288.4	.3	117.2	117.1	117.2	.6	.348

TABLE IV. - Continued.

(h) Continued.

(h-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.18	9.36	288.9	2.1	117.2	117.1	117.2	4.4	.348
25.2	10.17	9.36	288.0	3.6	116.8	116.5	116.6	7.4	.348
37.6	10.17	9.36	288.1	4.0	117.0	116.7	116.7	8.1	.348
56.7	10.18	9.36	288.6	5.0	116.8	116.4	116.4	10.1	.347
69.5	10.16	9.42	288.1	5.2	111.7	111.1	111.2	10.2	.332
85.2	10.12	9.42	287.8	3.9	107.9	107.6	107.7	7.2	.321
100.8	10.18	9.43	288.0	5.6	111.6	111.0	111.1	10.8	.332
113.2	10.17	9.44	286.8	3.4	110.3	110.0	110.1	6.5	.328
128.9	10.18	9.45	287.7	3.2	110.5	110.3	110.3	6.1	.328
145.1	10.17	9.45	287.1	.5	109.5	109.5	109.5	.9	.326
163.4	10.12	9.46	286.6	5.1	105.0	104.6	104.6	9.3	.313
179.3	10.17	9.47	287.1	2.9	108.4	108.2	108.3	5.5	.322
195.1	10.18	9.46	288.2	-1.3	109.1	109.0	109.1	-2.4	.324
208.2	10.18	9.46	287.0	-2.2	109.2	109.1	109.2	-4.1	.325
220.6	10.18	9.46	288.7	-2.3	109.5	109.4	109.5	-4.4	.325
239.7	10.18	9.44	288.5	-4.6	111.2	110.8	110.9	-8.9	.330
252.5	10.18	9.41	288.4	-6.1	113.6	112.9	112.9	-12.1	.337
268.2	10.18	9.39	288.3	-8.5	115.2	113.9	113.9	-16.9	.342
283.8	10.18	9.37	288.4	-7.8	116.0	114.9	115.0	-15.6	.345
296.2	10.18	9.37	287.9	-6.3	116.3	115.5	115.6	-12.8	.346
311.9	10.18	9.37	286.9	-4.8	115.9	115.5	115.5	-9.6	.345
328.1	10.18	9.36	288.4	-4.0	116.9	116.6	116.7	-8.1	.348
340.4	10.17	9.36	288.0	-1.0	117.0	116.9	117.0	-2.1	.348
356.3	10.17	9.36	288.0	-3	117.1	117.0	117.1	-5	.348

(h-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.18	9.38	288.3	.7	115.9	115.9	115.9	1.5	.345
24.7	10.18	9.38	287.1	1.6	115.7	115.6	115.7	3.2	.345
37.3	10.18	9.38	288.4	5.3	115.9	115.4	115.4	10.7	.345
56.9	10.18	9.37	288.3	5.7	116.2	115.6	115.6	11.6	.345
69.6	10.18	9.43	287.4	6.0	111.8	111.1	111.2	11.7	.333
85.1	10.18	9.42	287.9	6.0	112.1	111.4	111.5	11.8	.333
100.8	10.18	9.43	288.3	6.7	111.7	110.9	111.0	13.1	.332
113.4	10.18	9.44	288.1	5.2	111.1	110.7	110.7	10.0	.330
129.0	10.18	9.44	288.6	5.0	110.9	110.5	110.5	9.6	.329
145.2	10.18	9.45	287.9	2.3	110.0	109.9	109.9	4.4	.327
163.3	10.18	9.45	287.2	4.1	109.9	109.5	109.6	7.9	.327
180.1	10.18	9.46	287.3	1.2	109.5	109.5	109.5	2.3	.326
194.9	10.18	9.46	287.2	-0	109.6	109.6	109.6	-0	.326
207.7	10.18	9.45	288.4	-1.4	110.3	110.2	110.2	-2.7	.327
220.3	10.18	9.45	288.7	-1.9	110.7	110.6	110.6	-3.7	.328
239.9	10.18	9.43	288.7	-5.7	111.9	111.3	111.3	-11.2	.332
252.6	10.18	9.41	288.6	-7.6	113.9	112.9	112.9	-15.0	.338
268.1	10.18	9.38	288.9	-7.3	115.6	114.6	114.6	-14.7	.343
283.8	10.18	9.38	288.8	-7.0	116.0	115.1	115.2	-14.1	.345
296.4	10.18	9.38	288.0	-6.4	115.7	114.9	114.9	-13.0	.344
312.0	10.18	9.38	288.4	-5.2	115.4	114.9	115.0	-10.5	.343
328.2	10.18	9.38	288.2	-3.6	115.6	115.3	115.4	-7.2	.344
340.3	10.18	9.37	287.8	-3.0	116.0	115.8	115.9	-6.1	.345
357.1	10.18	9.37	288.3	-1.1	116.2	116.1	116.2	-2.3	.345

TABLE IV. - Continued.

(h) Continued.

(h-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.19	9.40	288.0	.8	114.8	114.7	114.8	1.6	.341
24.9	10.19	9.40	288.2	2.9	114.7	114.5	114.5	5.8	.341
37.5	10.18	9.40	288.2	3.9	114.5	114.2	114.2	7.7	.340
57.2	10.18	9.39	288.2	7.0	115.1	114.2	114.2	14.0	.342
69.5	10.19	9.44	288.4	7.7	111.7	110.7	110.7	14.9	.332
85.4	10.18	9.44	289.3	7.9	111.5	110.5	110.5	15.3	.331
100.7	10.18	9.44	287.1	9.0	111.1	109.7	109.7	17.3	.331
113.3	10.18	9.44	287.1	8.2	111.2	110.0	110.0	15.9	.331
128.8	10.18	9.44	287.2	6.0	110.9	110.3	110.3	11.6	.330
145.2	10.18	9.46	287.7	5.9	110.0	109.4	109.4	11.2	.327
163.1	10.19	9.47	287.8	3.0	109.8	109.7	109.7	5.7	.326
179.0	10.19	9.47	287.3	.7	109.7	109.7	109.7	1.4	.326
195.1	10.19	9.46	287.4	-2.8	109.8	109.7	109.7	-5.4	.327
207.9	10.19	9.46	287.8	-2.3	109.9	109.9	109.9	-4.4	.327
220.5	10.19	9.46	287.2	-3.8	110.3	110.1	110.1	-7.3	.328
240.2	10.19	9.43	289.5	-7.0	112.9	112.0	112.1	-13.8	.335
252.5	10.19	9.40	289.3	-7.7	114.7	113.7	113.7	-15.3	.340
268.4	10.19	9.39	289.2	-9.4	115.9	114.3	114.3	-19.0	.344
283.7	10.19	9.39	289.2	-9.2	115.9	114.4	114.4	-18.5	.344
296.3	10.19	9.39	287.3	-9.5	115.4	113.8	113.8	-19.0	.344
311.8	10.18	9.39	288.1	-8.2	115.2	114.1	114.1	-16.4	.343
328.2	10.18	9.39	288.3	-6.7	114.8	114.0	114.0	-13.5	.341
340.1	10.19	9.40	287.7	-5.5	114.8	114.2	114.2	-11.0	.341
356.0	10.19	9.40	287.8	-2.0	114.6	114.6	114.6	-4.0	.341

(h-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	9.84	9.29	289.1	10.8	97.0	95.3	95.3	18.1	.287
20.3	9.80	9.30	289.3	9.0	92.8	91.6	91.6	14.5	.274
33.4	9.91	9.31	289.6	6.4	101.5	100.8	100.8	11.4	.300
53.1	9.91	9.30	289.6	5.2	102.8	102.3	102.3	9.3	.304
65.4	9.80	9.30	289.4	2.8	93.2	93.1	93.1	4.6	.275
81.0	9.87	9.32	289.3	4.3	97.8	97.5	97.5	7.3	.289
96.5	9.89	9.34	289.2	4.2	97.3	97.0	97.0	7.2	.288
109.1	9.92	9.35	289.0	5.3	98.7	98.3	98.3	9.1	.292
124.2	9.94	9.36	289.0	5.3	99.0	98.5	98.6	9.1	.293
140.4	9.96	9.37	289.2	5.5	100.3	99.8	99.9	9.7	.297
163.9	9.98	9.38	289.0	5.0	100.7	100.3	100.3	8.8	.298
180.0	10.03	9.39	289.3	6.2	104.1	103.5	103.5	11.3	.308
195.9	10.04	9.40	289.4	7.3	104.1	103.2	103.2	13.3	.308
208.4	10.06	9.40	289.6	8.7	106.1	104.8	104.9	16.0	.314
221.5	10.04	9.38	289.6	9.6	106.3	104.8	104.8	17.7	.315
241.2	9.97	9.37	289.3	10.5	100.7	99.0	99.0	18.4	.298
253.5	9.95	9.36	289.2	10.7	100.1	98.4	98.4	18.6	.296
269.1	9.95	9.36	289.1	11.3	100.3	98.3	98.3	19.7	.297
284.6	9.90	9.36	288.8	12.1	96.1	93.9	93.9	20.2	.284
297.2	9.87	9.35	288.6	12.6	94.8	92.5	92.5	20.7	.281
312.3	9.87	9.33	288.6	13.1	96.2	93.7	93.7	21.8	.285
328.5	9.78	9.32	288.8	14.0	89.2	86.5	86.5	21.6	.264
335.8	9.83	9.32	288.8	11.2	93.8	92.0	92.0	18.2	.278
351.9	9.85	9.31	289.1	12.1	97.0	94.8	94.8	20.3	.287

TABLE IV. - Continued.

(h) Continued.

(h-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	9.88	9.30	288.6	7.4	100.0	99.1	99.1	12.9	.296
21.2	9.93	9.30	289.2	7.6	103.9	103.0	103.0	13.7	.308
33.2	9.97	9.30	289.1	6.7	107.2	106.5	106.5	12.4	.318
52.7	9.91	9.30	289.0	5.6	102.5	102.0	102.0	10.0	.304
65.4	9.84	9.30	289.0	5.0	96.7	96.3	96.4	8.5	.286
80.9	9.94	9.31	289.1	5.9	104.0	103.5	103.5	10.8	.308
96.0	9.97	9.33	288.9	5.4	104.2	103.8	103.8	9.8	.309
108.7	9.98	9.34	288.8	5.5	104.0	103.5	103.6	9.9	.308
124.5	9.99	9.35	288.4	5.0	104.1	103.7	103.7	9.1	.309
139.5	9.99	9.36	288.6	6.0	103.7	103.2	103.2	10.8	.308
164.2	9.97	9.37	288.5	5.1	100.9	100.5	100.5	9.0	.299
180.2	10.04	9.38	288.9	6.6	105.1	104.4	104.4	12.1	.311
195.7	10.07	9.39	288.9	6.9	107.3	106.5	106.5	12.9	.318
209.3	10.08	9.40	289.1	8.0	107.7	106.6	106.6	15.0	.319
221.3	10.06	9.39	289.2	9.4	106.5	105.0	105.0	17.4	.315
240.8	10.00	9.37	289.0	8.8	103.2	102.0	102.0	15.7	.306
253.5	10.00	9.36	289.0	8.8	104.0	102.8	102.8	16.0	.308
269.0	9.98	9.35	288.6	9.2	103.0	101.7	101.7	16.4	.305
284.1	9.95	9.35	288.6	9.8	101.2	99.7	99.7	17.2	.300
296.8	9.93	9.35	288.5	9.4	99.5	98.2	98.2	16.3	.295
312.9	9.96	9.33	288.0	9.7	103.0	101.5	101.5	17.4	.306
327.6	9.86	9.32	288.3	9.5	96.6	95.2	95.3	16.0	.286
336.1	9.88	9.31	288.5	8.7	98.9	97.7	97.7	15.0	.293
352.1	9.94	9.31	289.2	7.9	104.2	103.2	103.3	14.4	.309

(h-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	9.88	9.29	288.4	5.6	100.0	99.6	99.6	9.8	.296
19.7	9.98	9.29	288.7	6.8	108.4	107.7	107.7	12.8	.322
33.2	9.99	9.31	288.6	7.2	107.6	106.7	106.7	13.4	.319
52.7	9.93	9.30	288.5	7.7	103.6	102.7	102.7	13.9	.307
65.0	9.94	9.30	288.6	7.9	104.3	103.3	103.3	14.3	.309
80.9	10.06	9.30	288.9	7.1	112.8	112.0	112.0	13.9	.335
96.4	10.02	9.31	288.3	6.0	109.1	103.5	103.5	11.4	.324
108.6	10.04	9.32	287.9	5.5	110.0	109.5	109.5	10.5	.327
124.2	10.03	9.34	288.1	5.6	108.6	103.1	103.1	10.6	.322
139.4	10.06	9.35	288.1	5.7	109.3	103.8	103.8	10.8	.325
164.3	9.97	9.35	287.8	5.2	102.4	102.0	102.0	9.2	.304
180.1	10.04	9.36	288.3	4.8	107.0	106.6	106.6	8.9	.317
196.1	10.07	9.38	288.5	5.7	103.0	107.5	107.5	10.7	.321
207.8	10.09	9.38	288.8	6.4	104.7	103.0	103.0	12.1	.322
221.3	10.06	9.38	288.7	6.7	107.2	106.4	106.4	12.5	.318
240.8	10.04	9.36	288.6	6.1	107.5	106.8	106.8	11.5	.319
253.1	10.06	9.36	288.6	5.9	108.5	107.9	107.9	11.2	.322
269.0	10.03	9.34	288.2	6.1	107.8	107.2	107.2	11.5	.320
284.5	10.02	9.34	287.9	6.0	107.4	106.8	106.8	11.3	.319
296.7	10.01	9.34	287.6	5.2	106.7	106.2	106.2	9.6	.317
312.3	10.03	9.34	287.7	5.3	108.3	107.9	107.9	10.1	.322
327.5	9.96	9.31	287.8	4.7	104.5	104.2	104.2	8.6	.310
336.2	10.01	9.30	288.4	5.7	109.5	108.9	108.9	11.0	.325
352.0	10.06	9.30	288.8	5.5	113.5	113.0	113.0	10.8	.337

TABLE IV. - Continued.

(h) Continued.

(h-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.08	9.29	288.6	4.2	115.5	115.2	115.2	8.5	.343
20.5	10.08	9.28	288.5	4.7	116.5	116.1	116.1	9.5	.346
33.0	10.10	9.29	288.8	4.9	117.0	116.6	116.6	10.1	.348
52.2	10.05	9.30	288.5	5.5	112.8	112.2	112.2	10.7	.335
65.4	10.02	9.30	288.4	5.8	111.0	110.5	110.5	11.3	.330
80.8	10.09	9.30	288.4	5.2	115.2	114.8	114.8	10.4	.342
96.5	10.03	9.30	288.2	5.3	111.1	110.6	110.6	10.3	.330
108.7	10.09	9.31	288.1	4.6	114.8	114.4	114.4	9.2	.341
124.4	10.10	9.33	287.8	4.8	114.4	114.0	114.0	9.6	.340
140.2	10.12	9.33	288.1	4.7	115.1	114.7	114.7	9.5	.342
164.2	10.00	9.34	287.6	4.5	105.9	105.6	105.6	8.4	.315
180.0	10.02	9.34	287.9	5.0	107.1	106.7	106.7	9.4	.318
195.7	10.10	9.35	288.2	5.2	112.6	112.1	112.1	10.2	.335
208.6	10.10	9.35	288.6	4.5	112.1	111.7	111.7	8.9	.333
221.1	10.08	9.35	288.6	4.1	110.9	110.6	110.6	8.0	.329
240.3	10.09	9.35	288.5	4.8	112.0	111.6	111.6	9.5	.332
253.5	10.10	9.36	288.2	4.2	111.8	111.5	111.5	8.1	.332
268.9	10.08	9.33	288.4	4.6	112.4	112.1	112.1	9.0	.334
284.6	10.05	9.32	287.7	4.6	111.1	110.7	110.7	8.9	.330
296.8	10.05	9.31	287.6	4.3	111.2	110.9	110.9	8.4	.331
312.5	10.08	9.31	287.4	4.3	113.9	113.6	113.6	8.5	.339
328.3	10.06	9.31	287.8	3.5	113.0	112.8	112.8	6.9	.336
336.1	10.08	9.30	288.3	4.4	114.7	114.3	114.3	8.8	.341
351.9	10.09	9.30	288.3	4.1	116.0	115.8	115.8	8.3	.345

(h-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.13	9.29	288.4	3.7	118.7	118.5	118.5	7.7	.353
20.5	10.14	9.28	288.5	4.2	120.0	119.7	119.7	8.8	.357
32.9	10.13	9.28	288.6	4.4	119.8	119.4	119.4	9.2	.356
52.8	10.12	9.28	288.4	4.8	118.8	118.4	118.4	9.9	.353
65.2	10.10	9.29	288.5	4.9	117.3	116.8	116.8	10.0	.349
80.8	10.11	9.29	288.3	4.8	117.1	116.7	116.7	9.8	.348
96.2	10.04	9.30	288.0	4.5	112.2	111.8	111.8	8.7	.333
109.0	10.07	9.30	288.2	3.7	113.6	113.3	113.3	7.4	.338
125.2	10.12	9.31	287.7	4.2	117.0	116.7	116.7	8.6	.348
140.9	10.10	9.31	287.2	4.4	115.1	114.7	114.7	8.8	.343
164.2	10.02	9.33	287.7	4.5	107.9	107.5	107.5	8.4	.320
180.0	10.04	9.34	287.9	4.5	108.8	108.5	108.5	8.6	.323
195.9	10.09	9.34	288.3	4.0	112.1	111.9	111.9	7.9	.333
208.6	10.12	9.35	288.5	4.2	113.9	113.6	113.6	8.2	.338
221.0	10.10	9.34	288.6	3.8	113.0	112.8	112.8	7.4	.336
240.9	10.10	9.34	288.6	3.5	113.6	113.4	113.4	6.9	.337
253.5	10.11	9.33	288.0	3.4	114.6	114.4	114.4	6.9	.341
268.9	10.11	9.32	288.5	3.8	115.8	115.5	115.5	7.8	.344
284.3	10.09	9.32	287.8	3.6	113.5	113.3	113.3	7.1	.338
297.1	10.08	9.32	287.7	3.3	113.7	113.5	113.5	6.5	.338
313.3	10.11	9.31	287.3	3.6	116.0	115.8	115.8	7.2	.346
329.0	10.10	9.30	287.5	2.7	116.1	116.0	116.0	5.5	.346
336.1	10.14	9.29	288.4	3.9	119.8	119.5	119.5	8.2	.356
351.9	10.15	9.29	288.7	3.7	119.9	119.6	119.6	7.8	.357

TABLE IV. - Continued.

(h) Continued.

(h-17) Station 1; radial position 6

THETA A	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.14	9.28	288.5	3.2	120.7	120.5	120.5	6.7	.359
20.7	10.14	9.28	288.5	3.4	120.8	120.6	120.6	7.2	.359
33.1	10.15	9.28	288.3	3.6	120.8	120.5	120.5	7.5	.359
52.8	10.15	9.28	288.7	3.8	120.9	120.6	120.6	7.9	.359
65.3	10.13	9.29	288.6	4.0	119.3	119.0	119.0	8.4	.355
80.8	10.11	9.30	288.3	3.4	116.7	116.5	116.5	7.0	.347
96.5	10.08	9.29	287.9	3.3	115.6	115.4	115.4	6.7	.344
109.0	10.13	9.30	287.5	3.5	117.9	117.7	117.7	7.2	.351
117.8	10.14	9.31	287.8	3.4	118.5	118.3	118.3	7.0	.353
140.5	10.13	9.32	287.7	3.1	116.5	116.3	116.3	6.2	.347
179.4	10.04	9.33	287.8	3.5	110.2	109.9	109.9	6.8	.327
179.4	10.06	9.33	288.2	3.6	111.6	111.4	111.4	6.9	.332
196.0	10.12	9.34	288.1	3.2	114.6	114.4	114.4	6.5	.341
208.8	10.11	9.34	288.2	3.0	113.9	113.7	113.8	5.9	.339
221.2	10.10	9.33	288.2	2.8	113.7	113.6	113.6	5.6	.338
240.9	10.11	9.33	288.8	2.9	114.8	114.6	114.6	5.7	.341
253.4	10.11	9.33	288.3	2.8	115.0	114.9	114.9	5.5	.342
268.9	10.10	9.32	288.4	2.5	114.6	114.5	114.5	5.1	.341
284.6	10.09	9.31	287.8	2.7	114.2	114.1	114.1	5.3	.340
297.1	10.09	9.31	287.7	2.7	114.7	114.5	114.5	5.4	.341
305.9	10.11	9.30	288.1	2.7	116.5	116.4	116.4	5.5	.347
328.6	10.12	9.30	287.3	2.5	116.9	116.8	116.8	5.0	.348
351.3	10.15	9.28	288.5	3.1	121.0	120.8	120.8	6.5	.360
351.3	10.15	9.28	288.5	3.0	120.9	120.7	120.7	6.4	.360

(h-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.13	9.24	288.4	2.0	122.4	122.3	122.4	4.2	.364
20.6	10.12	9.24	287.9	2.1	121.9	121.8	121.8	4.4	.363
33.1	10.12	9.23	287.9	1.7	122.3	122.2	122.3	3.7	.364
52.4	10.13	9.24	288.1	2.0	122.6	122.4	122.5	4.2	.365
65.0	10.13	9.25	288.0	2.2	121.9	121.7	121.8	4.7	.363
80.9	10.08	9.25	288.0	1.9	118.4	118.3	118.3	4.0	.352
96.0	10.03	9.25	287.8	1.2	114.6	114.5	114.5	2.4	.341
108.5	10.06	9.26	287.9	1.6	116.4	116.3	116.4	3.2	.346
124.5	10.08	9.26	287.9	1.5	117.6	117.5	117.5	3.1	.350
140.2	10.11	9.27	287.9	1.8	119.5	119.3	119.4	3.7	.356
164.1	10.08	9.27	287.4	1.5	117.0	116.9	117.0	3.1	.349
180.1	10.09	9.28	287.5	1.3	116.7	116.6	116.6	2.7	.347
196.0	10.12	9.28	288.2	.9	118.5	118.4	118.5	1.9	.353
208.7	10.11	9.28	287.8	.9	118.5	118.4	118.5	1.8	.353
221.2	10.10	9.28	287.7	.7	117.5	117.5	117.5	1.4	.350
240.5	10.12	9.28	287.7	.9	119.0	119.0	119.0	1.8	.355
253.1	10.13	9.28	288.3	.6	119.8	119.7	119.8	1.3	.356
269.0	10.12	9.27	288.3	.4	119.5	119.4	119.5	.9	.355
284.1	10.12	9.26	288.2	.2	120.2	120.2	120.2	.4	.358
296.6	10.12	9.26	287.9	.6	120.1	120.1	120.1	1.2	.358
312.6	10.13	9.26	288.1	.7	120.9	120.8	120.9	1.5	.360
328.3	10.13	9.26	287.8	.7	121.0	121.0	121.0	1.5	.361
336.0	10.12	9.25	287.9	1.8	121.1	121.0	121.1	3.9	.361
352.0	10.12	9.24	288.1	1.9	121.9	121.7	121.8	4.0	.363

TABLE IV. - Continued.

(h) Continued.

(h-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.12	9.25	288.1	-.0	120.7	120.5	120.7	-.1	.359
20.8	10.11	9.25	288.2	.2	120.8	120.6	120.8	.3	.360
33.0	10.12	9.25	287.8	.1	121.0	120.9	121.0	.1	.361
52.5	10.12	9.26	288.3	.2	121.0	120.9	121.0	.4	.360
65.1	10.12	9.25	288.0	.5	121.0	120.8	121.0	1.1	.360
80.9	10.11	9.26	288.2	.4	119.9	119.7	119.9	.9	.357
96.4	10.10	9.26	287.9	.1	118.9	118.7	118.9	.2	.354
109.0	10.11	9.27	287.6	-.1	119.4	119.2	119.4	-.3	.356
124.5	10.11	9.26	287.6	-.1	119.0	118.8	119.0	-.1	.354
140.6	10.12	9.27	288.0	-.2	119.8	119.7	119.8	-.4	.357
163.9	10.10	9.28	287.3	.2	117.2	117.1	117.2	.5	.349
180.0	10.11	9.28	287.4	.2	117.6	117.5	117.6	.4	.350
196.0	10.12	9.29	287.8	-.3	118.8	118.6	118.8	-.7	.354
208.9	10.12	9.29	287.8	-.4	118.6	118.5	118.6	-.7	.353
221.1	10.12	9.28	288.3	-.0	119.0	118.8	119.0	-.0	.354
240.6	10.12	9.28	287.9	-.0	118.5	118.3	118.5	-.0	.353
253.2	10.13	9.28	288.1	-.4	119.4	119.3	119.4	-.9	.355
269.0	10.13	9.28	288.4	-.4	119.8	119.7	119.8	-.9	.357
284.5	10.12	9.27	288.7	-.4	120.4	120.3	120.4	-.9	.358
297.1	10.13	9.26	288.5	-.4	120.6	120.5	120.6	-.8	.359
312.6	10.13	9.26	288.2	-.2	120.9	120.7	120.9	-.5	.360
328.7	10.13	9.26	288.0	-.3	120.8	120.7	120.8	-.7	.360
335.8	10.12	9.26	287.9	-.0	120.3	120.1	120.3	-.1	.358
351.9	10.12	9.26	288.2	-.2	120.6	120.5	120.6	-.4	.359

(h-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.12	9.25	288.3	-.6	120.5	120.3	120.5	-1.3	.359
20.9	10.11	9.25	288.0	-.6	120.6	120.4	120.6	-1.2	.359
33.3	10.12	9.25	288.0	-.6	120.5	120.3	120.5	-1.3	.359
52.4	10.12	9.26	288.0	-.6	120.5	120.3	120.5	-1.2	.359
65.2	10.12	9.26	288.0	-.5	120.2	120.0	120.2	-1.1	.358
80.9	10.10	9.26	288.0	-.6	119.1	118.9	119.1	-1.2	.354
96.5	10.11	9.26	287.7	-.6	119.7	119.5	119.7	-1.2	.356
108.9	10.11	9.27	287.6	-.6	118.9	118.7	118.9	-1.3	.354
124.6	10.11	9.26	288.1	-.6	119.6	119.4	119.6	-1.2	.356
140.8	10.12	9.26	287.3	-.8	120.1	119.9	120.1	-1.7	.358
164.2	10.12	9.28	287.6	-.3	118.9	118.7	118.9	-.7	.354
180.1	10.12	9.28	287.6	-.6	118.8	118.6	118.8	-1.3	.354
195.9	10.13	9.28	287.8	-.7	119.3	119.1	119.3	-1.4	.355
209.0	10.13	9.29	287.4	-.8	119.0	118.8	119.0	-1.6	.355
221.4	10.13	9.29	287.7	-.8	118.8	118.6	118.7	-1.6	.354
240.5	10.13	9.28	288.0	-.6	119.5	119.3	119.5	-1.1	.356
253.3	10.13	9.28	288.5	-.8	119.7	119.5	119.6	-1.7	.356
269.0	10.13	9.27	288.4	-.8	120.1	119.9	120.1	-1.7	.357
284.6	10.13	9.27	288.6	-.8	120.5	120.3	120.5	-1.7	.358
297.0	10.13	9.26	288.4	-.7	120.7	120.5	120.6	-1.5	.359
312.7	10.13	9.26	287.8	-.7	120.7	120.5	120.7	-1.5	.360
328.9	10.13	9.26	287.8	-.6	120.7	120.5	120.7	-1.4	.360
336.1	10.12	9.26	287.7	-.9	120.2	120.0	120.1	-1.9	.358
352.0	10.12	9.26	288.1	-.8	120.2	120.0	120.2	-1.6	.358

TABLE IV. - Continued.

(h) Continued.

(h-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.12	9.28	288.1	-4.6	118.7	117.7	118.3	-9.4	.353
20.4	10.12	9.28	288.0	-4.4	118.8	117.8	118.5	-9.0	.354
33.0	10.12	9.28	288.1	-4.5	119.1	118.1	118.7	-9.3	.354
52.6	10.12	9.29	288.1	-4.2	118.4	117.5	118.1	-8.6	.352
65.3	10.12	9.28	288.2	-4.1	118.7	117.8	118.4	-8.5	.353
80.8	10.12	9.28	288.6	-4.2	119.2	118.3	118.9	-8.7	.355
96.5	10.12	9.28	288.1	-4.3	118.8	117.8	118.4	-8.9	.353
109.1	10.11	9.28	287.9	-4.2	118.1	117.1	117.8	-8.6	.351
124.7	10.12	9.28	288.1	-4.2	118.9	117.9	118.6	-8.6	.354
140.9	10.12	9.28	287.7	-4.5	116.8	117.8	118.4	-9.2	.354
164.1	10.12	9.29	287.4	-4.3	118.2	117.2	117.9	-8.7	.352
180.9	10.12	9.29	287.5	-4.4	118.0	117.0	117.7	-9.0	.352
195.7	10.12	9.29	287.9	-4.4	118.1	117.1	117.8	-9.1	.352
208.5	10.12	9.29	288.2	-4.0	118.2	117.3	117.9	-8.2	.352
221.1	10.12	9.29	288.1	-4.1	118.0	117.0	117.7	-8.4	.351
240.7	10.12	9.30	288.2	-4.0	118.0	117.1	117.7	-8.3	.351
253.4	10.12	9.29	289.1	-4.3	118.4	117.4	118.1	-8.9	.352
268.9	10.12	9.28	288.8	-4.2	118.7	117.7	118.3	-8.6	.353
284.6	10.12	9.28	288.6	-4.3	118.8	117.8	118.4	-8.9	.353
297.2	10.12	9.29	288.6	-4.3	118.8	117.8	118.4	-8.8	.353
312.8	10.12	9.29	288.5	-4.2	118.7	117.7	118.3	-8.6	.353
329.0	10.12	9.28	288.1	-4.1	118.9	118.0	118.6	-8.4	.354
336.0	10.12	9.28	287.9	-4.6	118.9	117.9	118.6	-9.5	.354
352.8	10.12	9.28	288.0	-4.5	118.8	117.8	118.4	-9.3	.353

(h-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.06	9.27	288.0	-12.0	115.4	111.1	112.9	-23.6	.343
20.6	10.06	9.27	288.1	-11.6	115.4	111.3	113.1	-22.9	.343
33.2	10.05	9.26	288.2	-10.3	114.8	111.1	113.0	-20.3	.341
52.9	10.06	9.29	288.3	-9.7	114.2	110.8	112.6	-18.9	.339
65.2	10.05	9.31	288.2	-9.4	112.3	109.1	110.9	-18.0	.334
81.1	10.06	9.34	288.3	-9.7	109.9	106.6	108.4	-18.2	.326
96.4	10.06	9.34	287.4	-9.6	110.1	106.9	108.6	-18.1	.327
109.0	10.06	9.34	287.0	-9.4	110.6	107.4	109.2	-17.7	.329
124.5	10.06	9.33	287.6	-10.1	110.8	107.3	109.1	-19.1	.329
140.9	10.05	9.34	287.6	-10.5	109.9	106.4	108.1	-19.7	.327
163.9	10.06	9.34	287.8	-11.9	110.2	106.2	107.9	-22.4	.328
179.8	10.09	9.35	287.4	-12.5	111.9	107.6	109.4	-23.8	.333
195.9	10.11	9.36	287.4	-13.0	112.3	107.7	109.5	-24.9	.334
208.7	10.12	9.35	287.9	-12.8	113.3	108.8	110.6	-24.7	.337
221.3	10.11	9.35	287.6	-13.0	112.9	108.3	110.1	-25.0	.336
241.0	10.12	9.35	288.5	-13.2	114.0	109.3	111.1	-25.7	.339
253.3	10.12	9.35	288.6	-14.2	114.2	109.0	110.8	-27.7	.339
269.2	10.12	9.29	288.7	-14.4	118.4	112.9	114.8	-29.0	.352
284.5	10.12	9.27	288.0	-14.1	119.7	114.3	116.2	-28.8	.356
297.1	10.12	9.26	287.9	-14.0	120.0	114.7	116.6	-28.6	.357
312.6	10.12	9.27	288.0	-13.6	119.4	114.3	116.2	-27.7	.355
329.0	10.11	9.28	288.4	-13.5	119.0	113.9	115.8	-27.4	.354
335.8	10.10	9.28	287.8	-12.7	117.6	113.0	114.8	-25.5	.350
351.7	10.08	9.27	287.9	-12.2	116.6	112.2	114.0	-24.2	.347

TABLE IV. - Continued.

(h) Continued.

(h-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	13.09	11.36	321.7	46.9	160.4	109.7	109.7	117.1	.455
22.4	12.97	11.35	321.2	46.0	155.5	108.0	108.0	112.9	.441
34.7	12.93	11.37	319.0	46.3	151.9	104.9	104.9	109.9	.432
50.3	13.03	11.42	320.1	45.9	154.1	107.2	107.2	110.7	.438
65.8	13.05	11.41	321.6	45.6	156.2	109.3	109.3	111.6	.443
78.4	12.98	11.42	320.4	45.0	152.1	107.5	107.5	107.6	.432
93.5	12.98	11.44	319.6	44.5	150.9	107.7	107.7	105.7	.429
109.7	12.94	11.43	318.7	42.7	149.3	109.7	109.7	101.3	.425
133.1	13.02	11.43	319.4	47.1	153.3	104.5	104.5	112.3	.436
149.2	12.99	11.42	319.3	46.4	152.3	105.1	105.1	110.2	.433
165.1	13.02	11.43	319.9	45.9	153.5	106.8	106.8	110.3	.436
177.6	12.99	11.40	319.7	45.6	153.2	107.1	107.1	109.5	.435
190.7	12.97	11.38	318.9	45.0	153.2	108.2	108.2	108.4	.436
210.4	12.99	11.38	318.7	45.7	154.1	107.6	107.6	110.3	.439
222.7	12.94	11.37	318.8	46.1	152.3	105.7	105.7	109.7	.433
238.3	12.97	11.34	319.5	47.0	155.7	106.2	106.2	113.9	.443
253.8	12.94	11.33	319.6	49.0	154.6	101.4	101.4	116.8	.440
266.4	12.90	11.34	319.6	48.6	152.4	100.9	100.9	114.3	.433
281.5	13.00	11.36	319.7	48.9	155.8	102.5	102.5	117.3	.443
297.7	12.92	11.36	320.0	49.8	152.3	98.3	98.3	116.3	.433
305.1	12.97	11.35	318.9	48.1	154.8	103.4	103.4	115.2	.441
321.2	13.04	11.34	320.4	49.1	158.7	103.9	103.9	120.0	.451
337.1	12.93	11.34	321.6	50.0	154.1	99.0	99.0	118.0	.437
349.6	12.87	11.35	320.1	49.4	150.8	98.0	98.0	114.6	.428

(h-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	13.01	11.28	320.4	44.8	160.1	113.7	113.7	112.8	.455
22.0	13.03	11.28	319.6	44.0	160.9	115.7	115.7	111.8	.458
34.7	12.94	11.30	316.5	43.6	155.5	112.7	112.7	107.2	.445
50.2	12.98	11.34	316.6	44.1	155.6	111.6	111.7	108.3	.445
65.3	12.98	11.34	318.5	45.0	155.8	110.1	110.1	110.2	.444
78.0	12.99	11.35	316.9	44.2	155.2	111.2	111.2	108.2	.443
94.1	12.97	11.36	317.4	43.4	154.0	111.8	111.8	105.9	.440
108.8	12.96	11.34	317.4	41.7	154.1	115.0	115.0	102.6	.440
133.4	12.94	11.34	316.5	45.0	153.7	108.8	108.8	108.6	.439
149.4	12.94	11.36	317.3	44.9	152.9	108.3	108.3	107.9	.436
164.9	12.96	11.35	317.8	44.2	154.4	110.8	110.8	107.6	.441
178.5	12.97	11.32	317.6	44.2	155.8	111.7	111.7	108.7	.445
190.5	12.89	11.30	316.8	43.1	153.2	111.8	111.8	104.7	.438
210.0	12.92	11.28	316.0	43.5	155.4	112.7	112.7	107.0	.445
222.7	12.86	11.26	316.7	43.6	153.8	111.5	111.5	106.0	.439
238.2	12.85	11.27	316.4	44.3	153.1	109.6	109.6	107.0	.438
253.3	12.89	11.26	316.8	45.7	155.1	108.2	108.3	111.1	.443
266.0	12.89	11.27	317.8	45.7	155.3	108.5	108.5	111.1	.443
282.1	12.87	11.27	316.8	45.6	154.3	108.0	108.0	110.2	.441
296.8	12.84	11.25	318.0	44.8	153.9	109.1	109.1	108.5	.439
305.4	12.78	11.25	317.3	44.5	151.0	107.8	107.8	105.8	.431
321.4	12.91	11.26	319.3	44.7	157.2	111.7	111.7	110.7	.448
336.9	12.96	11.26	319.1	44.9	159.3	112.8	112.9	112.4	.454
350.5	12.83	11.26	318.5	45.9	152.8	106.3	106.3	109.7	.435

TABLE IV. - Continued.

(h) Continued.

(h-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	12.97	11.18	318.3	43.1	163.2	119.1	119.1	111.5	.466
22.0	12.99	11.20	318.5	43.9	162.9	117.4	117.4	112.9	.465
34.3	12.98	11.21	315.4	43.0	161.2	118.0	118.0	109.9	.463
50.2	13.02	11.23	316.1	42.6	161.7	119.0	119.0	109.4	.463
65.7	12.98	11.23	316.7	42.4	160.3	118.3	118.4	108.1	.459
77.9	12.94	11.24	316.7	42.5	158.7	117.0	117.1	107.1	.454
93.5	13.04	11.25	317.2	43.9	162.3	116.9	117.0	112.5	.464
108.7	13.04	11.25	317.1	42.1	162.1	120.3	120.3	108.6	.464
133.5	13.03	11.25	316.5	45.3	161.4	113.6	113.6	114.6	.462
149.3	12.96	11.24	317.1	44.2	159.3	114.1	114.2	111.1	.455
165.3	13.03	11.24	317.1	44.2	162.4	116.4	116.4	113.3	.465
177.0	12.98	11.24	316.9	43.8	160.5	115.7	115.8	111.1	.459
190.5	12.94	11.22	316.5	43.5	159.4	115.6	115.6	109.6	.456
210.0	12.99	11.22	317.0	43.7	161.7	116.8	116.8	111.7	.463
222.3	12.94	11.23	316.4	43.6	159.0	115.1	115.1	109.7	.455
238.2	12.97	11.21	316.6	44.5	161.2	115.0	115.0	113.0	.462
253.7	12.96	11.18	316.2	44.2	162.1	116.3	116.3	113.0	.465
265.9	12.90	11.18	315.7	44.4	159.7	114.2	114.2	111.6	.458
281.5	12.93	11.20	315.9	44.1	159.7	114.7	114.8	111.0	.457
296.7	12.97	11.20	316.2	43.6	161.6	117.0	117.1	111.3	.463
305.5	12.94	11.20	316.6	43.4	160.7	116.7	116.7	110.4	.460
321.3	12.97	11.18	317.9	41.8	162.6	121.1	121.2	108.4	.465
337.3	12.91	11.17	317.4	43.0	161.0	117.8	117.8	109.7	.460
349.0	12.92	11.16	317.6	42.0	161.5	120.0	120.0	108.0	.462

(h-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	13.22	11.13	319.9	43.3	175.8	127.9	128.1	120.4	.503
21.5	13.32	11.13	319.3	43.7	179.0	129.4	129.6	123.5	.513
34.7	13.17	11.15	318.3	44.3	172.3	123.2	123.3	120.4	.493
50.1	13.21	11.18	318.4	43.9	172.6	124.3	124.4	119.7	.494
65.8	13.29	11.18	318.9	43.6	175.7	127.1	127.2	121.1	.503
78.0	13.17	11.18	318.3	44.2	170.9	122.3	122.5	119.2	.489
93.7	13.37	11.19	319.3	43.6	178.0	128.8	129.0	122.7	.510
109.5	13.32	11.19	320.0	44.7	176.9	125.7	125.9	124.3	.506
133.4	13.29	11.18	318.5	45.2	175.5	123.6	123.8	124.4	.503
149.2	13.36	11.18	319.5	45.0	178.5	126.1	126.2	126.2	.511
164.9	13.33	11.17	319.2	44.9	177.6	125.8	125.9	125.2	.508
177.8	13.43	11.18	320.1	44.4	181.2	129.4	129.5	126.7	.519
190.3	13.36	11.17	319.2	44.3	178.8	127.9	128.0	124.8	.512
209.5	13.33	11.18	319.2	44.6	177.2	126.1	126.2	124.4	.508
222.7	13.38	11.18	319.6	44.8	179.1	127.1	127.2	126.0	.513
238.1	13.31	11.16	319.6	45.1	177.8	125.4	125.5	125.9	.509
253.8	13.31	11.13	319.0	44.5	178.5	127.3	127.4	125.0	.511
266.0	13.28	11.13	318.6	45.4	177.3	124.3	124.5	126.2	.508
281.7	13.32	11.14	318.5	44.6	178.4	126.9	127.1	125.3	.512
297.5	13.29	11.14	318.7	45.2	177.3	124.9	125.1	125.7	.508
305.4	13.23	11.14	318.8	45.5	175.1	122.6	122.8	124.9	.501
321.2	13.29	11.13	319.5	44.0	178.1	128.1	128.3	123.5	.510
336.9	13.17	11.11	318.8	43.7	174.3	125.9	126.1	120.4	.499
349.8	13.25	11.11	318.9	42.8	177.4	130.1	130.3	120.4	.508

TABLE IV. - Continued.

(h) Continued.

(h-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	13.12	11.05	318.7	45.6	175.2	122.6	122.8	124.9	.502
22.1	13.05	11.05	317.4	45.9	172.1	119.8	120.0	123.4	.494
34.5	13.05	11.05	317.1	46.4	172.0	118.4	118.6	124.6	.493
50.1	13.11	11.08	317.8	46.6	172.9	118.7	118.9	125.6	.496
65.5	13.17	11.10	317.8	45.7	174.6	121.9	122.1	124.9	.501
78.3	13.12	11.10	318.3	46.0	172.7	119.7	120.0	124.2	.494
94.5	13.13	11.11	317.7	45.4	172.4	121.0	121.2	122.7	.494
110.2	13.21	11.12	319.0	47.8	175.3	117.6	117.8	129.7	.502
133.4	13.05	11.11	317.9	46.7	169.4	116.1	116.3	123.1	.485
149.2	13.19	11.12	318.8	46.9	174.5	119.2	119.4	127.3	.500
165.1	13.19	11.11	319.3	47.3	175.0	118.6	118.8	128.5	.501
177.8	13.24	11.10	318.8	47.4	177.5	120.1	120.3	130.5	.509
190.2	13.16	11.08	319.0	47.0	175.4	119.5	119.7	128.3	.502
210.1	13.21	11.06	319.3	47.6	178.2	120.1	120.3	131.5	.510
222.5	13.13	11.04	318.3	47.2	175.8	119.4	119.6	128.8	.504
238.1	13.15	11.04	319.1	47.2	176.4	119.7	120.0	129.4	.505
253.5	13.19	11.07	318.8	47.9	177.0	118.6	118.8	131.1	.507
266.3	13.15	11.07	318.2	47.2	175.0	118.9	119.1	128.2	.502
282.5	13.16	11.07	318.0	47.0	175.8	119.7	120.0	128.5	.504
298.2	13.10	11.06	317.7	48.1	173.9	116.0	116.3	129.3	.499
305.4	13.00	11.05	317.1	46.0	169.9	118.0	118.2	122.1	.487
321.2	13.05	11.05	317.9	45.6	171.9	120.1	120.4	122.7	.492
337.1	13.04	11.06	317.8	45.6	171.4	119.9	120.1	122.3	.491
349.8	13.10	11.04	318.2	46.0	174.6	121.1	121.4	125.6	.500

(h-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	13.18	11.03	314.0	38.9	176.8	137.3	137.7	110.9	.511
22.1	13.17	11.02	314.2	39.3	176.7	136.5	137.0	111.7	.510
34.6	13.14	11.02	314.1	39.2	175.7	136.0	136.4	110.8	.507
50.1	13.16	11.07	313.5	39.2	174.4	134.9	135.3	109.9	.504
65.8	13.20	11.05	313.3	39.9	176.5	135.2	135.6	113.0	.510
78.3	13.19	11.06	313.6	39.6	176.1	135.5	135.9	112.0	.509
87.1	13.18	11.08	314.4	40.8	175.1	132.3	132.7	114.2	.505
109.8	13.21	11.09	315.2	41.9	175.8	130.5	130.9	117.3	.506
148.6	13.22	11.08	315.1	43.3	176.2	128.0	128.4	120.6	.508
148.6	13.21	11.08	314.7	43.0	176.0	128.5	128.9	119.8	.507
165.2	13.23	11.09	315.6	42.8	176.9	129.5	129.9	120.1	.510
178.0	13.28	11.08	315.1	43.1	178.6	130.2	130.6	121.9	.515
190.4	13.25	11.06	315.3	42.6	178.6	131.2	131.6	120.7	.515
210.1	13.28	11.04	315.9	42.6	180.6	132.7	133.1	122.1	.521
222.6	13.23	11.05	315.2	42.0	178.4	132.5	132.9	119.1	.515
238.1	13.19	11.06	315.0	42.1	176.1	130.3	130.7	118.0	.508
253.8	13.15	11.02	313.8	41.1	176.2	132.5	132.9	115.7	.509
266.3	13.18	11.02	314.1	41.7	177.5	132.3	132.7	117.8	.513
275.1	13.19	11.03	314.6	41.7	177.5	132.2	132.6	117.9	.512
297.8	13.17	11.04	313.4	42.0	175.5	130.3	130.7	117.2	.507
320.6	13.16	11.04	314.6	39.0	176.0	136.4	136.9	110.7	.508
320.6	13.19	11.04	314.3	39.6	176.7	136.0	136.4	112.4	.510
337.2	13.15	11.03	313.9	38.4	175.9	137.6	138.0	109.1	.508
350.0	13.12	11.02	314.0	38.7	174.9	136.2	136.6	109.2	.505

TABLE IV. - Continued.

(h) Continued.

(h-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	12.95	10.97	310.1	35.4	170.0	138.1	138.7	98.2	.493
21.7	12.96	10.97	310.4	35.3	170.6	138.8	139.5	98.2	.495
34.3	12.93	10.97	310.4	35.1	169.2	137.9	138.6	97.0	.490
50.2	12.91	10.99	310.4	35.4	167.6	136.3	136.9	96.7	.486
65.3	12.95	11.00	310.4	35.9	168.7	136.2	136.9	98.5	.489
77.8	12.90	11.00	310.1	36.4	166.3	133.4	134.1	98.5	.482
93.8	12.93	11.01	310.5	36.5	167.5	134.2	134.9	99.4	.485
109.5	12.96	10.99	311.7	37.1	169.7	134.9	135.5	102.1	.491
133.3	12.96	11.00	310.4	38.1	168.9	132.6	133.2	103.8	.490
149.3	12.94	11.00	310.2	38.1	168.4	132.1	132.8	103.7	.488
165.2	12.98	11.00	311.4	38.2	170.1	133.2	133.9	105.0	.492
177.9	13.00	11.00	310.7	38.2	170.7	133.6	134.3	105.3	.495
190.4	12.97	10.99	310.3	38.3	169.7	132.7	133.4	104.9	.492
209.7	12.94	10.97	310.3	37.6	169.3	133.8	134.5	102.9	.491
222.3	12.97	10.97	310.2	37.9	170.5	134.2	134.8	104.5	.495
238.2	12.95	10.96	310.6	37.6	170.4	134.7	135.3	103.6	.494
253.3	12.94	10.97	310.3	37.9	169.6	133.4	134.1	103.9	.492
265.8	12.97	10.97	309.9	37.6	170.2	134.5	135.1	103.6	.494
281.8	12.95	10.98	310.0	38.0	169.6	133.3	134.0	104.0	.492
297.5	12.97	10.97	309.9	37.7	170.3	134.1	135.1	103.8	.494
305.3	12.94	10.97	310.2	35.1	169.5	138.2	138.9	97.2	.492
321.3	12.97	10.97	310.3	35.5	170.8	138.7	139.3	98.8	.495
337.2	12.95	10.96	310.9	35.1	170.6	139.2	139.9	97.7	.494
349.9	12.94	10.95	310.3	35.3	170.4	138.5	139.2	98.2	.494

(h-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	12.96	11.58	310.5	46.5	140.9	97.0	97.1	102.2	.405
21.8	12.96	11.57	310.5	46.6	141.1	96.9	97.0	102.5	.406
34.4	12.97	11.58	310.8	46.6	141.0	96.8	96.9	102.5	.406
50.2	12.97	11.61	311.2	47.0	139.5	95.0	95.1	102.1	.401
65.7	12.96	11.60	310.8	47.4	139.3	94.2	94.3	102.6	.401
78.3	12.93	11.61	310.7	47.2	137.5	93.4	93.5	100.9	.395
93.8	12.92	11.62	310.8	47.5	136.7	92.3	92.4	100.7	.393
109.9	12.96	11.62	311.4	47.8	138.7	93.1	93.1	102.8	.398
133.1	12.96	11.63	310.4	49.3	137.7	89.8	89.9	104.4	.396
149.2	12.92	11.63	310.3	49.5	135.9	88.2	88.3	103.3	.391
165.2	12.96	11.63	310.7	49.3	138.0	89.9	90.0	104.6	.397
178.1	12.98	11.62	311.1	49.0	139.4	91.3	91.4	105.2	.401
190.3	12.98	11.61	311.4	49.0	140.1	91.8	91.9	105.8	.402
209.8	12.93	11.59	311.0	49.4	138.5	90.0	90.1	105.2	.398
222.4	12.94	11.58	310.5	49.6	140.0	90.6	90.7	106.6	.403
238.2	12.95	11.56	310.7	48.9	140.8	92.6	92.7	106.1	.405
253.7	12.92	11.57	311.5	49.2	139.8	91.3	91.4	105.7	.401
266.3	12.93	11.57	311.1	49.2	139.5	91.1	91.2	105.5	.401
281.8	12.92	11.58	310.8	48.5	138.5	91.7	91.8	103.7	.398
297.9	12.94	11.57	310.5	48.8	140.0	92.2	92.3	105.3	.403
305.1	12.96	11.56	311.1	46.5	141.7	97.6	97.6	102.7	.408
321.2	12.99	11.58	311.0	46.1	142.1	98.4	98.5	102.4	.409
337.2	12.96	11.58	310.8	46.4	140.7	96.9	97.0	101.8	.405
350.1	12.95	11.57	311.4	46.9	141.0	96.2	96.3	102.9	.405

TABLE IV. - Continued.

(h) Continued.

(h-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	12.98	11.44	311.3	45.4	148.7	104.5	104.5	105.8	.428
21.7	12.96	11.44	311.1	45.3	148.0	104.2	104.2	105.1	.426
34.5	12.97	11.46	310.8	45.3	147.5	103.7	103.7	104.8	.425
50.2	12.97	11.49	311.6	45.4	145.9	102.3	102.4	103.9	.419
65.8	12.95	11.48	310.7	45.6	145.3	101.6	101.6	103.9	.419
78.2	12.95	11.49	310.4	45.2	144.9	102.1	102.1	102.8	.417
93.9	12.91	11.50	311.0	45.5	142.7	100.0	100.0	101.8	.410
110.1	12.98	11.50	310.8	45.6	145.9	102.0	102.1	104.2	.420
133.4	12.94	11.51	310.3	48.1	143.5	95.8	95.9	106.8	.413
149.3	12.95	11.50	310.6	47.6	144.2	97.1	97.2	106.5	.415
165.1	12.96	11.49	311.1	47.6	145.5	98.1	98.1	107.4	.419
178.2	12.94	11.47	310.6	47.9	145.3	97.5	97.5	107.7	.418
190.6	12.97	11.47	310.8	47.7	146.7	98.6	98.7	108.5	.422
209.7	12.94	11.48	310.8	48.4	145.3	96.5	96.6	108.5	.418
222.5	12.95	11.45	311.1	47.5	146.9	99.3	99.3	108.2	.423
238.2	12.94	11.43	311.5	47.5	147.3	99.5	99.6	108.5	.424
253.8	12.93	11.45	311.2	47.3	146.3	99.3	99.3	107.4	.421
266.2	12.90	11.45	311.2	47.3	144.9	98.2	98.2	106.6	.417
281.9	12.92	11.46	310.0	46.8	144.5	98.8	98.9	105.4	.416
298.1	12.94	11.45	310.6	47.4	146.4	99.2	99.2	107.7	.422
305.4	12.97	11.44	311.0	45.1	148.1	104.5	104.5	104.9	.426
321.3	12.98	11.46	310.9	44.9	147.8	104.6	104.6	104.4	.426
337.1	12.96	11.45	311.3	45.0	147.2	104.1	104.1	104.0	.424
350.2	12.95	11.45	311.6	45.3	147.2	103.5	103.5	104.7	.424

(h-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	13.05	10.99	312.3	41.7	173.3	129.3	129.4	115.3	.501
21.9	13.09	10.99	311.9	41.9	174.8	130.0	130.1	116.8	.506
34.6	13.10	10.99	311.4	41.6	174.9	130.3	130.9	116.1	.507
50.1	13.07	10.99	311.6	41.9	174.0	129.5	129.6	116.1	.504
65.8	13.08	10.99	312.2	41.8	174.7	130.2	130.4	116.3	.506
78.4	13.08	10.99	311.6	42.0	174.3	129.5	129.6	116.5	.505
94.0	13.03	11.00	311.3	41.5	171.9	128.7	128.8	113.8	.498
110.2	13.07	11.00	311.9	41.3	173.5	130.2	130.4	114.4	.502
133.3	13.06	11.00	311.8	42.5	173.1	127.7	127.8	116.8	.501
150.1	13.08	11.01	311.7	42.0	173.4	128.8	128.9	116.0	.502
164.9	13.12	11.00	311.9	42.4	175.2	129.3	129.4	118.2	.508
177.7	13.11	10.99	312.3	42.2	175.3	129.8	129.9	117.7	.507
190.3	13.10	10.98	312.5	42.5	175.7	129.4	129.5	118.7	.508
209.9	13.06	11.00	312.2	42.5	173.5	127.9	128.1	117.1	.502
222.6	13.06	10.99	312.6	42.6	174.0	127.9	128.0	117.8	.503
238.1	13.06	10.99	312.8	42.4	174.3	128.7	128.8	117.4	.504
253.8	13.10	10.99	311.9	42.4	175.3	129.3	129.4	118.2	.508
266.7	13.06	11.00	312.6	42.6	173.7	127.7	127.8	117.6	.502
282.0	13.06	11.00	312.6	42.2	173.3	128.3	128.4	116.5	.501
298.2	13.07	11.00	312.0	42.8	173.9	127.5	127.6	118.1	.503
305.3	13.09	10.99	310.8	41.5	174.2	130.4	130.5	115.4	.506
322.1	13.09	10.99	311.1	41.8	174.4	130.0	130.1	116.2	.506
336.9	13.09	11.00	311.6	41.7	174.5	130.2	130.4	116.0	.506
349.7	13.07	10.99	311.9	41.7	173.9	129.8	130.0	115.5	.503

TABLE IV. - Continued.

(h) Continued.

(h-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	13.50	10.42	315.4	42.8	212.6	155.0	156.6	143.7	.620
22.2	13.49	10.42	315.8	42.7	212.5	155.4	157.0	143.2	.619
34.5	13.52	10.41	315.8	43.4	213.7	154.4	156.0	146.1	.623
50.4	13.50	10.40	316.1	43.6	213.6	153.9	155.5	146.4	.622
65.7	13.49	10.41	314.9	43.5	212.3	153.1	154.7	145.4	.619
78.3	13.51	10.41	313.9	43.6	212.8	153.2	154.8	146.0	.622
93.8	13.49	10.41	314.8	43.5	212.7	153.5	155.1	145.6	.621
110.2	13.54	10.41	314.9	43.5	213.8	154.2	155.7	146.5	.624
133.1	13.49	10.41	315.4	43.5	212.6	153.2	154.8	145.6	.620
149.0	13.46	10.41	315.0	43.1	211.9	153.8	155.4	144.0	.618
165.1	13.47	10.40	315.1	43.2	212.0	153.8	155.4	144.2	.618
177.9	13.49	10.41	315.2	43.0	212.5	154.6	156.2	144.2	.620
190.5	13.47	10.41	314.7	44.0	212.0	151.6	153.1	146.6	.619
210.2	13.45	10.42	316.2	43.9	211.4	151.4	153.0	146.0	.615
222.5	13.47	10.42	315.9	43.7	211.7	152.3	153.8	145.5	.616
238.4	13.47	10.43	316.0	43.8	211.6	151.9	153.4	145.8	.616
253.7	13.48	10.43	316.2	43.4	211.7	152.9	154.5	144.8	.616
266.3	13.47	10.43	315.0	43.8	211.2	151.7	153.3	145.4	.616
281.8	13.46	10.43	314.7	43.9	210.6	151.0	152.5	145.2	.614
298.2	13.47	10.43	315.7	43.7	211.4	152.1	153.6	145.2	.616
305.1	13.52	10.43	314.8	42.9	212.5	154.8	156.4	143.8	.620
321.0	13.50	10.42	315.7	43.4	212.5	153.5	155.1	145.2	.619
337.1	13.51	10.42	315.6	43.4	213.0	153.8	155.4	145.6	.621
349.9	13.52	10.41	315.5	43.2	213.6	154.9	156.5	145.4	.623

(h-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	12.71	10.90	321.4	-2	166.4	165.8	166.4	-6	.473
23.5	12.75	10.90	322.1	-4	168.4	167.8	168.4	-1.2	.479
36.0	12.64	10.90	321.2	-7	163.4	162.8	163.4	-2.1	.465
49.1	12.62	10.91	321.2	-5	162.4	161.9	162.4	-1.5	.462
68.8	12.61	10.94	320.4	-5	160.1	159.6	160.1	-1.4	.455
81.1	12.67	10.93	322.1	-5	163.7	163.1	163.7	-1.5	.465
96.7	12.61	10.90	321.1	-5	162.1	161.5	162.1	-1.4	.461
112.2	12.69	10.91	321.3	-7	165.2	164.6	165.2	-2.0	.470
124.8	12.60	10.92	319.6	-6	160.3	159.7	160.3	-1.8	.457
139.9	12.59	10.94	319.7	-7	158.7	158.1	158.7	-1.9	.452
156.1	12.62	10.95	319.8	-6	159.5	158.9	159.5	-1.7	.454
171.5	12.66	10.95	320.5	-3	161.7	161.1	161.7	-8	.460
187.6	12.64	10.95	319.9	-2	160.6	160.1	160.6	-4	.457
203.5	12.63	10.93	319.6	-2	161.4	160.8	161.4	-4	.460
216.0	12.61	10.94	318.9	-1	159.8	159.2	159.8	-3	.456
229.1	12.60	10.95	318.4	-2	158.4	157.9	158.4	-5	.452
248.8	12.61	10.95	318.6	-2	159.0	158.4	159.0	-5	.453
261.1	12.63	10.94	319.1	-2	160.6	160.1	160.6	-5	.458
276.7	12.64	10.93	319.4	-2	161.3	160.7	161.3	-6	.460
292.2	12.68	10.92	319.7	-1	163.5	162.9	163.5	-3	.466
304.8	12.66	10.91	319.1	-1	163.1	162.6	163.1	-3	.465
319.9	12.65	10.91	319.2	-1	163.0	162.4	163.0	-2	.465
336.1	12.68	10.92	320.2	-0	163.9	163.3	163.9	-1	.467
351.5	12.71	10.91	321.2	-3	165.7	165.1	165.7	-1.0	.471

TABLE IV. - Continued.

(h) Continued.

(h-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	12.73	10.92	320.0	-2.0	166.2	165.5	166.1	-5.8	.474
23.3	12.82	10.91	321.2	-1.6	170.6	169.9	170.5	-4.8	.486
36.9	12.78	10.90	320.5	-1.8	169.1	168.4	169.0	-5.3	.482
48.9	12.76	10.90	319.5	-1.5	167.8	167.2	167.8	-4.5	.479
68.4	12.77	10.94	319.4	-1.3	166.7	166.1	166.7	-3.6	.476
81.1	12.80	10.94	320.9	-1.4	168.3	167.7	168.3	-4.1	.479
96.6	12.74	10.93	319.4	-1.4	165.7	165.0	165.6	-4.0	.473
111.7	12.82	10.94	319.6	-1.7	168.6	167.9	168.5	-4.9	.481
124.4	12.75	10.94	319.0	-1.5	165.6	165.0	165.6	-4.2	.473
140.5	12.72	10.95	318.7	-1.5	163.9	163.2	163.8	-4.3	.468
155.2	12.73	10.96	318.7	-1.5	164.1	163.4	164.0	-4.4	.468
171.8	12.74	10.96	318.8	-1.5	164.1	163.5	164.1	-4.4	.468
187.8	12.74	10.97	318.8	-1.6	163.6	162.9	163.5	-4.6	.467
203.3	12.74	10.95	318.5	-1.6	164.6	163.9	164.5	-4.6	.470
216.9	12.72	10.95	318.0	-1.5	163.4	162.8	163.4	-4.3	.467
228.9	12.70	10.96	317.6	-1.5	162.2	161.6	162.2	-4.3	.464
248.4	12.72	10.94	317.8	-1.5	163.9	163.2	163.8	-4.2	.469
261.1	12.72	10.93	318.0	-1.4	164.4	163.7	164.3	-4.0	.470
276.6	12.72	10.94	318.0	-1.4	164.3	163.6	164.2	-4.1	.470
291.7	12.73	10.94	318.1	-1.3	164.6	164.0	164.6	-3.8	.471
304.4	12.74	10.92	318.2	-1.3	165.9	165.2	165.8	-3.8	.474
320.5	12.73	10.91	317.3	-1.6	166.0	165.3	165.9	-4.5	.475
335.2	12.75	10.91	318.7	-1.4	166.7	166.0	166.6	-4.0	.476
351.8	12.73	10.92	319.5	-2.2	166.1	165.4	166.0	-6.5	.474

(h-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	12.80	10.89	318.3	-3.0	170.1	169.2	169.8	-8.7	.487
23.7	12.86	10.91	319.3	-2.7	171.6	170.7	171.4	-7.9	.490
35.4	12.83	10.91	318.7	-2.5	170.2	169.3	170.0	-7.4	.487
48.9	12.87	10.90	318.4	-2.4	172.0	171.2	171.9	-7.3	.493
68.4	12.89	10.94	318.7	-2.3	171.2	170.4	171.0	-6.9	.490
80.7	12.88	10.96	319.2	-2.3	170.2	169.4	170.1	-6.7	.486
96.6	12.85	10.96	318.2	-2.4	168.9	168.1	168.7	-7.0	.483
112.1	12.90	10.95	318.4	-2.3	171.0	170.2	170.9	-6.8	.489
124.3	12.85	10.97	317.9	-2.2	168.2	167.4	168.0	-6.5	.481
139.9	12.85	10.97	318.3	-2.2	168.5	167.7	168.4	-6.5	.482
155.1	12.84	10.95	318.2	-2.2	168.5	167.8	168.4	-6.4	.482
171.9	12.86	10.95	317.7	-2.6	169.1	168.3	168.9	-7.8	.484
187.7	12.85	10.95	317.7	-2.6	168.9	168.1	168.7	-7.6	.484
203.7	12.81	10.98	317.1	-2.6	166.0	165.2	165.8	-7.5	.475
215.4	12.78	10.98	316.7	-2.5	164.3	163.5	164.1	-7.2	.471
228.9	12.80	10.97	316.9	-2.4	165.4	164.7	165.3	-7.0	.474
248.4	12.82	10.91	317.5	-2.5	169.3	168.5	169.2	-7.4	.485
260.7	12.82	10.90	317.2	-2.5	170.0	169.2	169.8	-7.5	.487
276.6	12.81	10.89	317.0	-2.6	169.7	168.9	169.5	-7.6	.487
292.1	12.80	10.89	316.6	-2.5	169.3	168.5	169.1	-7.5	.486
304.3	12.81	10.91	316.6	-2.6	169.0	168.2	168.8	-7.6	.485
319.9	12.80	10.90	316.3	-2.7	168.5	167.7	168.3	-7.9	.484
335.1	12.82	10.89	317.4	-2.5	170.5	169.7	170.4	-7.4	.489
351.9	12.81	10.89	318.6	-2.8	170.1	169.2	169.9	-8.1	.487

TABLE IV. - Continued.

(h) Continued.

(h-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	12.90	10.87	317.0	-2.3	174.4	173.5	174.2	-7.0	.501
23.3	12.94	10.87	317.8	-2.3	176.2	175.3	176.0	-7.1	.505
36.2	12.88	10.88	317.2	-2.5	173.3	172.4	173.1	-7.4	.497
48.7	12.92	10.89	317.2	-2.1	174.3	173.5	174.2	-6.4	.500
67.9	12.94	10.96	317.3	-2.1	172.1	171.3	172.0	-6.3	.494
81.1	12.94	10.97	317.6	-2.4	171.8	170.9	171.6	-7.1	.492
96.5	12.90	10.95	317.1	-2.1	170.9	170.1	170.8	-6.3	.490
112.2	12.98	10.95	317.7	-2.1	174.0	173.2	173.9	-6.4	.499
124.4	12.93	10.95	316.9	-2.1	171.9	171.1	171.8	-6.3	.493
140.1	12.91	10.97	317.3	-2.1	170.3	169.5	170.1	-6.3	.488
155.9	12.90	10.98	317.0	-2.2	169.6	168.8	169.4	-6.5	.486
171.8	12.96	10.95	316.9	-2.1	172.9	172.1	172.8	-6.5	.496
187.6	12.93	10.94	316.9	-2.0	172.2	171.4	172.1	-6.1	.494
203.3	12.90	10.95	316.6	-2.1	170.7	169.9	170.6	-6.2	.490
216.2	12.91	10.96	316.6	-2.1	170.4	169.6	170.3	-6.2	.489
228.7	12.91	10.97	316.6	-2.2	169.8	169.0	169.7	-6.5	.487
247.9	12.91	10.93	316.9	-2.1	171.7	170.9	171.6	-6.4	.493
261.1	12.91	10.89	316.5	-2.1	173.7	172.9	173.6	-6.3	.499
276.5	12.89	10.88	316.4	-2.2	173.3	172.5	173.2	-6.6	.498
292.2	12.88	10.88	315.9	-2.2	172.9	172.0	172.7	-6.7	.497
304.4	12.89	10.88	315.9	-2.2	173.3	172.5	173.2	-6.8	.498
320.1	12.87	10.90	315.2	-2.2	171.4	170.6	171.3	-6.5	.493
335.9	12.90	10.90	316.1	-2.4	172.5	171.7	172.4	-7.1	.496
351.8	12.87	10.88	317.1	-2.4	172.7	171.9	172.6	-7.1	.496

(h-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	12.90	10.90	316.1	-2.1	172.8	171.9	172.6	-6.2	.497
23.5	12.97	10.86	316.7	-2.1	177.4	176.5	177.3	-6.6	.510
36.2	12.91	10.85	316.3	-2.2	175.3	174.4	175.2	-6.8	.504
48.6	12.93	10.86	316.1	-2.1	175.6	174.7	175.5	-6.5	.505
68.5	12.92	10.93	315.9	-2.1	172.2	171.4	172.1	-6.3	.495
80.9	12.95	10.95	316.4	-2.3	172.3	171.4	172.1	-6.8	.495
96.5	12.91	10.96	316.1	-2.1	170.3	169.5	170.2	-6.2	.489
111.9	13.00	10.98	316.6	-2.2	173.3	172.4	173.1	-6.6	.498
124.7	12.90	10.95	316.2	-2.2	170.4	169.6	170.3	-6.5	.489
140.9	12.91	10.94	315.3	-2.4	171.0	170.2	170.9	-7.2	.492
156.6	12.94	10.95	315.9	-2.1	172.2	171.4	172.1	-6.3	.495
171.8	12.92	10.97	315.5	-2.3	170.4	169.6	170.3	-6.8	.490
187.6	12.95	10.97	315.9	-2.2	171.2	170.3	171.0	-6.6	.492
203.5	12.96	10.94	316.0	-2.1	173.2	172.4	173.1	-6.2	.498
216.2	12.95	10.94	315.9	-2.1	172.7	171.8	172.5	-6.4	.496
228.6	12.91	10.95	315.6	-2.2	170.8	170.0	170.7	-6.5	.491
248.5	12.91	10.90	316.0	-2.3	173.4	172.5	173.3	-6.8	.499
260.9	12.93	10.87	315.4	-2.3	174.8	173.9	174.7	-6.8	.503
276.5	12.92	10.89	315.6	-2.3	173.6	172.8	173.5	-6.9	.500
291.9	12.92	10.91	315.3	-2.3	172.9	172.0	172.7	-7.0	.498
304.7	12.90	10.88	315.1	-2.3	173.3	172.5	173.2	-7.1	.499
320.9	12.88	10.87	314.2	-2.3	173.1	172.2	172.9	-6.9	.499
336.6	12.92	10.87	314.9	-2.5	174.3	173.4	174.2	-7.5	.502
351.8	12.86	10.89	315.6	-2.1	171.5	170.6	171.3	-6.3	.493

TABLE IV. - Continued.

(h) Continued.

(h-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	12.86	10.85	314.8	-2.1	173.3	172.5	173.2	-6.3	.499
7.0	12.89	10.85	314.9	-2.0	174.2	173.4	174.1	-6.0	.502
23.6	12.90	10.87	315.1	-2.2	174.0	173.1	173.8	-6.5	.501
36.4	12.86	10.85	314.7	-2.2	173.0	172.1	172.9	-6.6	.498
48.8	12.89	10.83	314.8	-2.1	175.0	174.2	174.9	-6.5	.505
68.5	12.89	10.86	315.1	-2.1	174.3	173.4	174.2	-6.4	.502
81.0	12.92	10.90	315.1	-2.0	173.4	172.5	173.3	-6.1	.499
96.5	12.88	10.93	314.9	-2.0	169.9	169.1	169.8	-5.8	.489
112.2	12.95	10.92	315.1	-1.9	173.7	172.9	173.6	-5.8	.500
124.7	12.94	10.94	314.4	-1.9	171.8	171.0	171.7	-5.6	.495
133.5	12.92	10.96	314.7	-1.9	170.3	169.5	170.2	-5.6	.490
156.2	12.89	10.93	314.2	-1.9	170.4	169.6	170.3	-5.7	.491
187.0	12.93	10.93	314.4	-2.5	172.2	171.3	172.0	-7.6	.496
187.0	12.93	10.93	314.7	-2.5	172.2	171.3	172.0	-7.6	.496
203.6	12.89	10.95	314.2	-2.5	169.8	168.9	169.6	-7.4	.489
216.4	12.89	10.94	314.2	-2.6	170.2	169.3	170.0	-7.7	.490
228.8	12.90	10.92	314.4	-2.6	171.3	170.4	171.1	-7.8	.493
248.5	12.91	10.88	314.7	-2.6	173.4	172.4	173.2	-7.8	.500
261.0	12.88	10.86	314.4	-2.7	173.5	172.5	173.3	-8.2	.500
276.5	12.88	10.86	314.2	-2.8	173.4	172.4	173.2	-8.4	.500
292.2	12.87	10.84	313.8	-2.8	173.4	172.4	173.2	-8.4	.500
304.7	12.90	10.87	313.9	-2.7	173.4	172.4	173.2	-8.0	.500
313.5	12.88	10.89	313.8	-2.7	171.9	170.9	171.7	-8.0	.496
336.2	12.84	10.85	312.8	-2.8	171.8	170.8	171.6	-8.3	.496

(h-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	12.76	10.86	311.4	-2.9	167.8	166.8	167.6	-8.5	.485
23.5	12.80	10.86	312.1	-2.7	169.4	168.4	169.2	-8.0	.490
36.3	12.77	10.86	311.4	-2.8	168.0	167.0	167.8	-8.3	.486
48.8	12.77	10.85	311.3	-2.9	168.4	167.4	168.2	-8.6	.487
68.1	12.76	10.92	311.1	-2.9	165.0	164.0	164.8	-8.5	.477
80.7	12.78	10.96	311.4	-2.8	164.0	163.0	163.8	-8.0	.474
96.6	12.77	10.96	311.7	-2.9	163.2	162.2	163.0	-8.3	.471
111.7	12.80	10.97	312.1	-2.8	164.3	163.4	164.1	-7.9	.474
124.2	12.83	10.95	312.1	-2.8	166.7	165.7	166.5	-8.1	.482
140.2	12.81	10.93	312.1	-2.8	167.0	166.0	166.8	-8.0	.482
155.9	12.81	10.92	312.0	-2.8	167.0	166.0	166.8	-8.1	.483
171.7	12.79	10.93	310.2	-3.0	165.3	164.3	165.1	-8.5	.479
187.7	12.79	10.94	310.7	-2.8	165.3	164.3	165.1	-8.0	.478
203.6	12.81	10.94	311.2	-2.8	166.0	165.0	165.8	-8.1	.480
216.3	12.80	10.94	310.7	-2.8	165.1	164.2	164.9	-8.1	.478
228.8	12.78	10.94	310.4	-2.9	164.6	163.6	164.4	-8.4	.477
248.1	12.78	10.89	310.7	-3.0	166.9	165.9	166.7	-8.5	.483
260.7	12.78	10.89	310.6	-2.9	167.4	166.4	167.2	-8.5	.485
276.6	12.78	10.90	310.8	-3.0	166.9	165.9	166.7	-8.6	.483
291.7	12.78	10.91	310.6	-2.9	166.3	165.3	166.1	-8.3	.482
304.2	12.79	10.88	310.5	-3.0	167.6	166.6	167.4	-8.6	.486
320.2	12.77	10.85	310.3	-2.8	168.0	167.0	167.8	-8.3	.487
335.9	12.79	10.85	310.4	-2.9	169.1	168.1	168.9	-8.5	.490
351.7	12.77	10.86	311.2	-2.9	168.1	167.1	167.9	-8.4	.487

TABLE IV. - Continued.

(h) Concluded.

(h-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	12.79	11.83	310.3	15.0	117.3	112.3	113.4	30.0	.336
25.4	12.81	11.78	310.3	15.0	121.2	116.0	117.2	31.0	.347
45.1	12.80	11.83	310.3	15.0	118.0	113.0	114.1	30.2	.338
57.4	12.82	11.78	310.3	15.0	122.1	116.9	118.0	31.3	.350
73.0	12.80	11.78	310.3	15.0	120.5	115.4	116.5	30.9	.345
88.5	12.80	11.79	310.3	15.0	120.3	115.2	116.3	30.8	.345
101.1	12.82	11.74	310.4	15.0	124.5	119.2	120.3	31.9	.357
116.2	12.84	11.84	310.4	15.0	119.0	114.0	115.1	30.5	.341
132.4	12.82	11.74	310.4	15.0	124.5	119.2	120.4	31.9	.357
327.8	12.80	11.81	310.2	15.0	118.6	113.6	114.7	30.4	.340
343.9	12.79	11.82	310.2	15.0	117.9	112.9	114.0	30.2	.338
359.8	12.81	11.81	310.3	15.0	119.7	114.6	115.8	30.7	.343

(h-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.7	12.94	11.63	311.9	12.0	136.9	133.0	134.0	28.2	.393
73.8	12.97	11.64	311.9	12.0	138.1	134.0	135.1	28.4	.396
89.7	12.98	11.64	311.9	12.0	138.7	134.7	135.7	28.5	.398
102.2	12.91	11.61	311.9	12.0	136.7	132.7	133.8	28.1	.392
115.3	12.95	11.66	311.9	12.0	136.3	132.3	133.4	28.0	.391
135.0	12.96	11.61	311.9	12.0	139.3	135.2	136.3	28.7	.400
147.3	12.94	11.61	311.9	12.0	137.8	133.8	134.8	28.4	.395
162.9	12.95	11.62	312.1	12.0	138.5	134.4	135.5	28.5	.397
178.4	13.00	11.61	312.1	12.0	140.9	136.8	137.8	29.0	.404
191.0	12.98	11.61	312.0	12.0	140.1	136.0	137.1	28.8	.402
206.1	12.97	11.61	312.0	12.0	140.1	136.0	137.1	28.8	.402
222.3	12.96	11.61	312.2	12.0	139.5	135.4	136.5	28.7	.400

(h-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
13.1	12.94	11.48	315.9	6.8	145.8	143.7	144.7	17.1	.416
29.3	12.91	11.48	315.9	6.8	144.9	142.8	143.9	16.9	.414
224.7	12.90	11.50	316.0	6.8	142.9	140.8	141.9	16.7	.408
240.8	12.87	11.50	315.3	6.8	141.7	139.7	140.8	16.6	.405
256.7	12.88	11.51	315.8	6.8	141.9	139.8	140.9	16.6	.405
269.2	12.86	11.50	315.1	6.8	141.4	139.4	140.4	16.5	.404
282.3	12.86	11.48	315.6	6.8	142.0	140.0	141.1	16.6	.405
302.0	12.96	11.50	315.8	6.8	145.7	143.6	144.7	17.1	.416
314.3	12.92	11.47	316.0	6.8	145.6	143.6	144.6	17.1	.416
329.9	12.93	11.48	316.1	6.8	145.4	143.3	144.4	17.1	.415
345.4	12.91	11.49	316.0	6.8	144.2	142.2	143.2	16.9	.412
358.0	12.91	11.49	316.0	6.3	144.5	142.4	143.5	16.9	.412

TABLE IV. - Continued.

(i) 70 Percent of design speed; reading 151-283

(i-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.1	9.77	9.13	288.8	-10.6	105.5	103.7	103.7	-19.4	.313
24.3	9.90	9.15	288.9	-5.0	113.3	112.9	112.9	-9.9	.336
36.9	10.03	9.14	289.2	-8.9	123.4	121.9	121.9	-19.0	.367
55.9	9.83	9.19	288.4	-17.9	105.4	100.3	100.3	-32.3	.313
68.4	9.87	9.26	288.6	-15.6	102.0	98.2	98.2	-27.4	.302
84.7	9.91	9.28	288.3	-14.6	103.8	100.5	100.5	-26.2	.308
99.7	9.92	9.31	287.7	-15.6	102.5	98.7	98.7	-27.6	.304
112.3	10.02	9.32	287.9	-14.1	109.0	105.7	105.7	-26.5	.324
128.4	10.04	9.34	287.7	-12.9	108.8	106.1	106.1	-24.2	.323
145.0	10.16	9.33	287.8	-8.7	117.3	115.9	115.9	-17.7	.349
161.8	10.11	9.37	288.0	-5.9	111.1	110.5	110.5	-11.5	.330
177.6	10.11	9.39	287.9	-1.8	109.4	109.4	109.4	-3.4	.325
194.1	10.12	9.38	288.6	1.9	111.3	111.2	111.2	3.7	.330
207.3	10.14	9.38	288.5	4.4	112.4	112.1	112.1	8.5	.334
219.9	10.11	9.38	288.6	7.5	111.0	110.0	110.0	14.6	.329
238.9	10.04	9.34	288.5	8.2	109.2	108.0	108.1	15.5	.324
251.4	10.00	9.27	288.4	10.1	111.7	109.9	109.9	19.6	.332
267.7	9.99	9.23	288.6	10.4	114.1	112.2	112.2	20.7	.339
282.7	9.91	9.21	288.1	12.8	109.2	106.5	106.5	24.2	.324
295.3	9.86	9.19	287.9	14.2	107.3	104.1	104.1	26.3	.319
311.4	9.82	9.16	288.2	16.0	106.2	102.1	102.1	29.2	.315
328.0	9.96	9.16	288.3	12.9	117.4	114.4	114.4	26.2	.349
338.8	9.88	9.14	288.5	.2	112.5	112.5	112.5	.4	.334
354.6	9.99	9.11	289.1	-2.1	122.6	122.5	122.5	-4.6	.365

(i-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	9.80	9.13	288.4	-5.8	107.2	106.6	106.6	-10.8	.318
24.1	10.06	9.15	289.1	-2.5	124.3	124.1	124.2	-5.5	.370
36.9	10.14	9.14	289.2	-6.2	130.1	129.3	129.4	-14.1	.387
56.3	9.90	9.18	288.6	-11.2	111.2	109.1	109.1	-21.5	.330
69.0	9.93	9.25	288.6	-8.6	107.9	106.7	106.7	-16.2	.320
84.9	9.97	9.26	287.6	-10.2	109.6	107.9	107.9	-19.4	.326
100.1	9.93	9.29	287.4	-12.6	104.6	102.1	102.1	-22.9	.311
112.7	9.99	9.30	287.3	-12.7	107.8	105.1	105.1	-23.8	.320
128.7	10.09	9.33	287.6	-10.8	113.5	111.5	111.5	-21.3	.338
145.6	10.15	9.33	288.3	-7.0	117.6	116.7	116.7	-14.3	.350
162.6	10.15	9.35	288.0	-5.8	116.0	115.4	115.4	-11.8	.345
178.4	10.08	9.38	287.9	-1.6	108.7	108.7	108.7	-3.1	.323
194.5	10.12	9.38	288.3	.9	111.8	111.8	111.8	1.8	.332
207.1	10.12	9.37	288.7	3.8	112.2	112.0	112.0	7.4	.333
219.9	10.13	9.36	288.2	6.0	113.7	113.0	113.0	12.0	.338
239.3	10.06	9.32	288.7	6.1	111.8	111.2	111.2	11.9	.332
252.0	10.04	9.27	288.7	7.4	113.9	112.9	112.9	14.7	.338
267.9	10.02	9.23	288.2	7.1	116.0	115.1	115.2	14.3	.345
283.1	9.93	9.21	287.9	7.5	111.1	110.1	110.1	14.5	.330
295.7	9.95	9.19	288.1	7.6	114.0	113.0	113.0	15.1	.339
311.7	9.78	9.17	287.5	8.6	102.4	101.3	101.3	15.3	.304
328.6	9.78	9.16	287.4	8.0	103.7	102.7	102.7	14.5	.308
339.6	10.13	9.14	289.0	.0	129.2	129.2	129.2	.0	.385
355.4	9.99	9.12	288.6	-3.8	122.1	121.8	121.8	-8.0	.363

TABLE IV. - Continued.

(i) Continued.

(i-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.4	9.82	9.15	287.9	-1.7	108.2	108.1	108.1	-3.1	.321
24.7	10.01	9.15	288.3	-.9	121.0	121.0	121.0	-2.0	.360
36.8	10.18	9.17	288.7	-2.9	130.7	130.5	130.5	-6.7	.389
56.5	9.98	9.19	288.2	-2.5	116.1	116.0	116.0	-5.0	.345
69.2	10.05	9.26	288.4	-.3	116.1	116.1	116.1	-.6	.345
84.9	10.05	9.28	287.8	-4.8	114.5	114.0	114.1	-9.6	.341
100.5	10.06	9.30	288.0	-5.3	113.4	112.9	112.9	-10.6	.337
113.0	10.04	9.31	287.3	-5.0	110.5	110.1	110.1	-9.6	.329
128.7	10.08	9.32	287.6	-6.3	113.3	112.6	112.6	-12.4	.337
145.1	10.20	9.35	288.4	-5.0	118.9	118.4	118.4	-10.4	.354
162.7	10.06	9.36	287.5	-3.0	108.3	108.1	108.2	-5.6	.322
178.9	10.17	9.37	287.2	-2.6	116.1	116.0	116.0	-5.3	.346
194.4	10.12	9.36	287.7	-.9	112.6	112.6	112.6	-1.8	.335
207.7	10.15	9.36	288.4	1.0	115.0	114.9	114.9	2.1	.342
219.8	10.14	9.35	288.0	2.6	115.1	115.0	115.0	5.2	.342
239.5	10.08	9.32	287.8	2.3	113.0	112.9	112.9	4.6	.336
252.2	10.07	9.28	288.0	3.4	115.9	115.7	115.7	7.0	.345
267.9	10.04	9.24	287.9	2.0	115.9	115.8	115.8	4.1	.345
283.5	10.09	9.23	288.5	.3	120.9	120.9	120.9	.7	.360
296.0	10.13	9.21	288.1	-1.0	125.1	125.0	125.1	-2.2	.373
311.7	9.94	9.17	287.5	-2.7	114.6	114.4	114.4	-5.4	.341
328.1	9.79	9.17	287.1	-1.5	103.7	103.6	103.6	-2.7	.308
339.7	10.18	9.17	288.4	-2.3	131.0	130.9	130.9	-5.2	.391
355.9	10.07	9.15	288.0	-2.4	124.9	124.8	124.8	-5.1	.372

(i-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.4	10.17	9.15	288.1	-1.6	131.6	131.5	131.6	-3.6	.393
24.4	10.18	9.15	288.2	-.5	132.1	132.1	132.1	-1.2	.394
37.2	10.19	9.16	288.1	.2	131.7	131.6	131.7	.4	.393
56.6	10.01	9.18	288.0	2.1	118.8	118.7	118.7	4.2	.354
69.1	10.09	9.25	287.4	.9	118.5	118.5	118.5	1.9	.353
84.7	10.06	9.27	287.4	1.2	116.0	115.9	116.0	2.4	.345
100.6	10.13	9.29	287.1	.7	118.5	118.4	118.5	1.4	.353
113.3	10.12	9.30	287.0	-2.7	117.0	116.9	116.9	-5.5	.349
129.0	10.08	9.31	287.1	-2.3	113.4	113.2	113.3	-4.6	.338
145.1	10.18	9.32	288.0	-3.3	119.8	119.6	119.6	-6.9	.357
162.5	10.17	9.34	287.3	1.5	117.8	117.8	117.8	3.0	.351
177.8	10.16	9.35	287.3	1.3	116.3	116.2	116.2	2.6	.346
194.4	10.21	9.34	287.8	1.4	120.3	120.2	120.3	2.9	.358
207.4	10.17	9.34	287.7	-.8	117.9	117.8	117.8	-1.6	.351
220.2	10.13	9.34	287.5	1.5	115.2	115.2	115.2	3.1	.343
239.6	10.13	9.30	287.6	1.2	117.7	117.6	117.6	2.4	.350
252.1	10.09	9.27	287.5	-.5	117.9	117.8	117.8	-1.1	.351
267.7	10.09	9.23	287.5	-.3	120.0	119.9	120.0	-.6	.357
283.6	10.09	9.21	287.1	-1.4	121.4	121.3	121.3	-3.0	.362
296.3	10.20	9.19	288.0	-1.8	130.2	130.1	130.2	-4.1	.389
312.0	10.04	9.17	287.6	-3.0	121.5	121.3	121.3	-6.3	.362
328.1	10.07	9.16	288.0	-2.2	123.7	123.5	123.6	-4.8	.368
339.5	10.19	9.16	287.5	-2.0	131.5	131.4	131.4	-4.6	.393
354.8	10.20	9.15	287.8	-.6	133.0	132.9	133.0	-1.4	.397

TABLE IV. - Continued.

(i) Continued.

(i-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.4	10.21	9.15	287.4	.3	133.2	133.2	133.2	.8	.398
24.5	10.20	9.16	287.7	1.2	132.0	131.9	131.9	2.7	.394
36.6	10.20	9.17	287.8	1.3	131.9	131.8	131.9	2.9	.394
56.5	10.12	9.18	288.5	4.1	125.9	125.5	125.6	9.0	.375
69.2	10.12	9.25	287.3	1.5	120.3	120.2	120.3	3.1	.359
84.8	10.03	9.27	287.6	.8	113.7	113.7	113.7	1.6	.338
100.5	10.13	9.28	287.5	-.1	119.8	119.8	119.8	-.2	.357
112.9	10.16	9.29	287.1	-1.8	120.5	120.4	120.4	-3.8	.359
128.7	10.19	9.31	286.7	-.1	120.8	120.7	120.8	-.1	.361
144.9	10.11	9.33	286.4	-.5	114.0	114.0	114.0	-1.0	.340
162.4	10.10	9.33	286.9	1.8	113.6	113.5	113.5	3.6	.338
178.6	10.20	9.34	287.1	.5	119.9	119.9	119.9	1.1	.358
194.4	10.19	9.34	287.2	1.0	118.9	118.9	118.9	2.0	.354
207.5	10.20	9.34	288.4	-1.2	119.9	119.8	119.8	-2.5	.357
219.6	10.20	9.33	288.4	-1.0	120.5	120.4	120.5	-2.0	.358
239.5	10.16	9.30	287.7	-3.1	119.8	119.5	119.6	-6.5	.357
252.2	10.22	9.26	288.0	-2.9	126.7	126.4	126.5	-6.3	.378
267.8	10.15	9.23	288.1	-2.6	125.0	124.8	124.8	-5.7	.372
283.5	10.16	9.21	288.0	-2.5	126.4	126.3	126.3	-5.5	.377
295.9	10.20	9.19	287.1	-2.0	130.4	130.2	130.3	-4.5	.390
311.7	10.20	9.18	287.6	-3.4	131.0	130.7	130.7	-7.7	.391
327.9	10.21	9.17	287.4	-2.4	131.7	131.6	131.6	-5.4	.394
339.4	10.20	9.17	287.4	-2.6	132.0	131.8	131.9	-6.1	.394
355.6	10.16	9.15	288.5	-1.4	130.8	130.7	130.8	-3.1	.390

(i-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.4	10.18	9.14	288.2	-.3	132.4	132.4	132.4	-.7	.395
25.3	10.20	9.15	288.2	.5	132.6	132.6	132.6	1.2	.396
38.3	10.20	9.16	288.1	.8	132.2	132.1	132.2	1.8	.395
57.6	10.14	9.18	287.3	2.1	127.3	127.2	127.2	4.6	.380
70.5	10.09	9.24	287.7	1.3	120.1	120.1	120.1	2.6	.358
84.9	10.20	9.26	287.2	1.1	126.0	125.9	126.0	2.4	.376
100.5	10.20	9.27	287.1	.5	124.3	124.3	124.3	1.1	.371
113.2	10.17	9.28	287.3	1.4	121.8	121.7	121.7	3.0	.363
121.4	10.18	9.29	286.5	-.2	122.0	121.9	122.0	-.5	.364
145.1	10.18	9.30	287.3	-2.0	121.5	121.4	121.4	-4.1	.362
159.7	10.12	9.32	287.0	2.5	115.7	115.6	115.6	4.9	.345
179.5	10.16	9.33	287.4	1.8	117.9	117.8	117.8	3.8	.351
195.4	10.20	9.33	287.8	.4	120.5	120.4	120.5	.9	.359
208.3	10.20	9.33	288.6	-1.0	120.8	120.8	120.8	-2.1	.359
221.3	10.18	9.32	288.2	-1.9	120.0	119.9	119.9	-3.9	.357
240.6	10.21	9.29	288.1	-1.9	124.3	124.1	124.2	-4.2	.370
253.5	10.17	9.24	287.7	-3.1	125.0	124.8	124.8	-6.8	.373
267.9	10.16	9.21	288.4	-3.6	126.7	126.4	126.4	-7.9	.377
283.5	10.18	9.19	288.6	-3.0	127.1	128.9	128.9	-6.7	.385
296.2	10.21	9.18	288.2	-3.6	132.0	131.6	131.7	-8.4	.394
304.4	10.22	9.17	287.7	-3.3	132.7	132.4	132.5	-7.7	.396
328.1	10.21	9.15	287.1	-1.8	133.5	133.4	133.5	-4.2	.399
336.7	10.19	9.15	288.2	-2.5	132.6	132.4	132.4	-5.7	.396
356.5	10.16	9.14	287.9	-.2	131.3	131.2	131.3	-.4	.392

TABLE IV. - Continued.

(i) Continued.

(i-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
13.1	10.18	9.13	288.0	1.8	133.0	132.9	133.0	4.1	.397
14.7	10.17	9.13	288.1	.5	132.5	132.4	132.5	1.2	.395
38.5	10.19	9.15	288.5	3.3	132.5	132.3	132.3	7.7	.395
58.1	10.18	9.16	288.2	3.6	131.2	130.9	130.9	8.1	.391
70.9	10.10	9.22	288.0	1.2	121.8	121.7	121.8	2.5	.363
85.9	10.11	9.23	287.7	2.0	121.7	121.6	121.7	4.3	.363
101.4	10.17	9.25	287.9	2.3	124.5	124.3	124.4	4.9	.371
113.5	10.19	9.26	287.2	2.2	124.7	124.5	124.6	4.9	.372
128.9	10.19	9.27	287.9	.9	124.6	124.6	124.6	2.0	.371
145.2	10.18	9.28	287.1	.9	122.5	122.5	122.5	1.8	.366
165.6	10.15	9.30	287.5	4.2	119.3	119.0	119.0	8.7	.356
181.3	10.18	9.30	287.8	1.8	121.3	121.2	121.3	3.9	.361
196.5	10.19	9.30	288.5	-1.1	122.1	122.1	122.1	-2.3	.363
197.7	10.19	9.30	288.1	-.1	122.1	122.1	122.1	-.1	.364
221.5	10.19	9.29	289.2	-3.3	122.6	122.4	122.4	-6.9	.365
241.1	10.19	9.27	289.1	-3.8	124.7	124.4	124.4	-8.3	.371
253.9	10.19	9.22	289.7	-5.8	127.8	127.1	127.2	-12.8	.380
268.9	10.19	9.19	288.3	-4.9	129.8	129.3	129.4	-11.2	.387
284.4	10.19	9.18	288.6	-3.5	130.7	130.4	130.4	-8.0	.390
296.5	10.20	9.16	288.9	-3.6	132.0	131.7	131.8	-8.3	.393
311.9	10.20	9.15	288.6	-3.3	132.8	132.5	132.6	-7.7	.396
328.2	10.19	9.14	288.3	-1.6	133.2	133.1	133.1	-3.8	.397
342.6	10.17	9.14	287.8	-1.3	132.3	132.2	132.3	-3.0	.395
358.3	10.18	9.13	288.6	.0	133.3	133.2	133.3	.1	.398

(i-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
.1	10.17	9.14	288.3	-.3	131.7	131.6	131.7	-.6	.393
15.5	10.16	9.14	288.5	1.0	131.6	131.5	131.5	2.3	.392
29.1	10.17	9.14	287.9	2.5	131.7	131.5	131.5	5.6	.393
42.3	10.17	9.15	288.5	2.6	131.7	131.5	131.6	5.9	.393
61.3	10.17	9.16	288.2	3.3	130.6	130.4	130.4	7.4	.390
78.4	10.16	9.22	288.6	3.9	125.6	125.2	125.3	8.5	.374
91.1	10.16	9.24	288.3	5.1	125.0	124.4	124.5	11.0	.372
105.1	10.16	9.24	288.1	3.8	124.3	124.0	124.1	8.2	.370
116.2	10.18	9.25	288.7	2.3	124.9	124.8	124.8	4.9	.372
131.1	10.17	9.26	288.4	2.1	124.2	124.0	124.1	4.5	.370
144.6	10.18	9.27	287.9	1.3	123.6	123.5	123.6	2.8	.368
166.2	10.10	9.28	287.3	5.0	117.1	116.6	116.6	10.2	.349
183.1	10.18	9.28	288.1	1.6	122.4	122.3	122.3	3.5	.364
198.5	10.18	9.28	288.7	-2.1	122.6	122.5	122.5	-4.5	.365
212.1	10.18	9.28	289.2	-3.0	123.1	122.9	123.0	-6.5	.366
225.3	10.17	9.27	289.1	-5.5	122.9	122.3	122.4	-11.7	.366
244.3	10.18	9.24	289.4	-7.2	126.0	125.0	125.0	-15.7	.375
261.4	10.18	9.19	288.4	-6.8	129.3	128.3	128.4	-15.3	.385
274.1	10.18	9.18	288.8	-6.4	130.1	129.3	129.3	-14.4	.388
288.1	10.18	9.17	288.3	-5.4	130.8	130.2	130.2	-12.3	.390
299.2	10.18	9.16	287.7	-6.5	131.2	130.3	130.3	-14.9	.392
314.1	10.18	9.15	287.8	-3.8	132.0	131.6	131.7	-3.8	.394
327.6	10.18	9.14	287.9	-3.5	132.7	132.4	132.5	-3.2	.396
343.2	10.17	9.14	287.8	-.6	131.8	131.7	131.8	-1.4	.394

TABLE IV. - Continued.

(i) Continued.

(i-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	10.17	9.14	289.3	2.1	132.3	132.1	132.2	4.9	.394
23.5	10.17	9.14	288.5	2.8	132.0	131.8	131.8	6.4	.394
37.5	10.17	9.15	288.0	3.5	131.5	131.2	131.2	8.0	.392
56.9	10.17	9.16	288.5	3.9	130.8	130.5	130.5	8.8	.390
73.6	10.15	9.22	288.4	4.5	125.3	124.8	124.9	9.7	.373
89.4	10.11	9.24	287.6	4.9	121.2	120.7	120.8	10.4	.361
104.8	10.17	9.24	287.8	5.1	124.8	124.3	124.4	11.0	.372
116.9	10.17	9.24	288.2	4.2	125.0	124.6	124.7	9.0	.372
132.6	10.17	9.26	287.2	2.1	123.9	123.7	123.8	4.6	.370
143.9	10.17	9.27	287.5	.9	123.5	123.4	123.4	2.0	.368
163.0	10.17	9.27	288.3	4.2	122.8	122.4	122.5	9.1	.366
179.1	10.14	9.28	288.1	.5	119.9	119.9	119.9	1.0	.357
195.3	10.18	9.28	288.2	-2.2	122.9	122.8	122.9	-4.6	.366
208.3	10.18	9.28	289.0	-3.0	123.3	123.1	123.1	-6.4	.367
220.9	10.18	9.27	289.2	-5.2	123.5	122.9	122.9	-11.2	.367
239.9	10.18	9.25	289.2	-7.3	125.4	124.4	124.4	-16.0	.373
256.6	10.18	9.19	289.8	-7.3	129.1	128.0	128.0	-16.4	.384
272.4	10.17	9.18	288.1	-7.2	129.4	128.3	128.4	-16.2	.386
287.8	10.17	9.17	288.8	-6.2	130.5	129.7	129.8	-14.1	.389
299.9	10.18	9.16	289.1	-6.0	131.4	130.7	130.7	-13.6	.392
315.6	10.18	9.15	289.3	-5.3	132.0	131.4	131.4	-12.2	.393
326.9	10.17	9.15	288.0	-3.2	131.6	131.4	131.4	-7.3	.393
340.0	10.17	9.14	288.6	-2.0	131.9	131.8	131.8	-4.7	.393
356.1	10.17	9.14	288.2	-1.5	131.9	131.9	131.9	-1.1	.394

(i-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.5	10.17	9.17	288.1	.3	129.9	129.9	129.9	.7	.388
25.2	10.17	9.17	288.4	2.6	129.9	129.7	129.8	5.9	.387
38.2	10.17	9.18	288.7	5.2	129.3	128.8	128.8	11.6	.385
57.6	10.17	9.18	288.1	6.0	129.4	128.6	128.7	13.4	.386
70.4	10.17	9.23	288.5	6.6	126.0	125.2	125.2	14.5	.375
85.6	10.17	9.24	287.5	6.0	125.2	124.4	124.5	13.2	.373
101.7	10.17	9.24	288.2	6.1	125.5	124.8	124.8	13.4	.374
113.6	10.17	9.24	287.7	5.2	124.9	124.4	124.4	11.3	.372
129.3	10.17	9.25	288.1	4.2	124.5	124.1	124.2	9.2	.371
144.6	10.17	9.26	288.7	4.3	123.8	123.4	123.5	9.2	.368
163.5	10.18	9.27	287.4	4.8	123.5	123.0	123.1	10.4	.368
179.4	10.18	9.27	288.6	1.6	123.9	123.8	123.8	3.4	.369
195.5	10.18	9.27	287.9	-1.4	123.5	123.5	123.5	-1.9	.368
208.2	10.18	9.27	288.9	-1.3	123.9	123.8	123.8	-2.7	.368
221.2	10.18	9.26	288.6	-2.7	124.2	124.0	124.1	-5.9	.370
240.6	10.18	9.23	289.3	-4.8	126.1	125.6	125.6	-10.6	.375
253.4	10.17	9.20	288.6	-6.8	128.2	127.3	127.3	-15.2	.382
268.6	10.18	9.18	289.7	-6.7	129.9	129.9	129.0	-15.2	.386
284.7	10.18	9.18	289.1	-6.7	130.0	129.0	129.1	-15.2	.387
296.6	10.17	9.17	289.0	-6.9	130.2	129.2	129.3	-15.5	.388
312.3	10.17	9.17	289.1	-5.8	130.7	130.0	130.0	-13.2	.389
327.6	10.18	9.17	288.0	-3.2	130.3	130.1	130.1	-7.3	.389
340.5	10.17	9.17	288.5	-2.7	130.2	130.0	130.1	-6.1	.388
356.4	10.17	9.17	288.4	-1.6	130.3	130.2	130.2	-3.6	.388

TABLE IV. - Continued.

(i) Continued.

(i-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.6	10.17	9.20	288.2	-0.9	128.5	128.5	128.5	-2.1	.383
25.2	10.17	9.20	288.9	3.0	128.1	127.9	127.9	6.6	.381
28.6	10.17	9.21	288.5	3.6	127.8	127.5	127.5	8.1	.381
57.6	10.17	9.20	288.2	5.5	128.1	127.5	127.5	12.3	.382
70.0	10.17	9.23	288.7	8.0	125.8	124.6	124.6	17.5	.375
85.5	10.17	9.23	288.4	9.1	125.9	124.3	124.3	19.9	.375
101.2	10.17	9.24	287.9	9.8	125.3	123.5	123.5	21.2	.374
113.5	10.17	9.24	288.0	8.1	125.3	124.1	124.1	17.7	.374
129.0	10.17	9.25	288.6	7.4	124.7	123.7	123.7	16.0	.371
145.4	10.17	9.26	288.0	6.5	124.2	123.3	123.4	14.1	.370
163.6	10.18	9.27	287.7	3.6	123.5	123.3	123.3	7.7	.368
179.3	10.18	9.27	288.3	1.3	123.9	123.8	123.8	2.8	.369
195.6	10.18	9.27	288.5	-0.8	123.7	123.7	123.7	-1.7	.368
208.2	10.18	9.27	289.1	-1.4	123.9	123.9	123.9	-3.0	.369
211.6	10.18	9.27	289.1	-4.0	124.1	123.8	123.8	-8.7	.369
240.6	10.18	9.23	288.8	-7.3	126.3	125.3	125.3	-16.0	.376
253.0	10.18	9.20	289.4	-7.2	128.7	127.7	127.7	-16.1	.383
268.5	10.18	9.18	289.4	-8.0	130.1	128.8	128.8	-18.2	.387
284.2	10.18	9.18	288.5	-9.2	129.9	128.2	128.2	-20.8	.387
296.5	10.18	9.18	288.4	-9.5	129.8	128.0	128.0	-21.5	.387
312.0	10.18	9.18	288.8	-7.7	130.0	128.8	128.8	-17.3	.387
328.4	10.18	9.18	289.1	-6.0	129.7	129.0	129.0	-13.5	.386
340.6	10.18	9.19	288.3	-4.4	129.1	128.8	128.8	-10.0	.385
356.3	10.18	9.19	288.3	-3.3	128.8	128.6	128.6	-7.4	.384

(i-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	9.79	9.05	288.8	10.4	113.5	111.6	111.6	20.5	.337
20.0	9.69	9.05	288.8	7.6	106.2	105.2	105.2	14.1	.315
32.6	9.89	9.04	289.2	6.5	121.3	120.5	120.5	13.8	.361
51.6	9.86	9.04	289.4	6.1	119.5	118.8	118.8	12.6	.355
64.1	9.70	9.05	288.8	2.8	106.1	105.9	105.9	5.2	.314
80.4	9.78	9.06	288.9	4.5	111.3	110.9	111.0	8.8	.330
95.4	9.81	9.10	288.5	4.2	110.8	110.5	110.5	8.1	.329
108.0	9.83	9.11	288.4	4.6	111.4	111.0	111.0	8.9	.331
124.1	9.87	9.13	288.4	3.5	113.3	113.1	113.1	7.0	.337
140.7	9.97	9.15	288.3	4.0	118.6	118.3	118.4	8.3	.353
162.6	9.93	9.17	288.4	5.1	114.4	113.9	114.0	10.2	.340
178.4	10.01	9.17	288.8	6.7	119.4	118.5	118.6	14.0	.355
194.9	10.01	9.17	288.8	7.6	119.6	118.6	118.6	15.8	.356
208.1	10.04	9.18	288.9	8.4	120.9	119.6	119.6	17.7	.359
220.7	10.04	9.16	289.0	9.9	122.8	121.0	121.0	21.0	.365
239.7	9.97	9.14	288.8	11.3	119.4	117.1	117.1	23.4	.355
252.2	9.93	9.13	288.7	11.1	117.4	115.2	115.2	22.6	.349
268.5	9.89	9.11	288.6	11.0	115.7	113.6	113.6	22.1	.344
283.5	9.88	9.07	288.4	12.1	118.3	115.6	115.7	24.8	.352
296.1	9.83	9.08	288.4	12.5	114.0	111.3	111.3	24.6	.339
312.2	9.78	9.07	288.2	12.9	110.9	108.1	108.1	24.7	.329
328.8	9.72	9.07	288.4	13.5	106.7	103.7	103.8	25.0	.317
334.5	9.73	9.07	288.4	11.9	107.4	105.1	105.1	22.1	.319
350.3	9.79	9.06	288.7	11.9	113.0	110.6	110.6	23.4	.336

TABLE IV. - Continued.

(i) Continued.

(i-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	9.83	9.03	288.4	7.8	117.6	116.5	116.5	16.0	.350
19.8	9.86	9.04	288.7	6.9	119.1	118.2	118.2	14.3	.354
32.6	9.97	9.04	288.9	7.1	126.1	125.1	125.1	15.6	.375
52.0	9.87	9.04	288.8	6.2	120.4	119.7	119.7	12.9	.358
64.7	9.73	9.04	288.5	5.4	109.7	109.2	109.3	10.4	.326
80.6	9.86	9.06	288.5	6.1	117.9	117.2	117.2	12.6	.350
95.8	9.86	9.09	288.3	5.3	115.7	115.2	115.3	10.7	.344
108.4	9.88	9.11	287.8	4.7	115.2	114.8	114.8	9.4	.343
124.4	9.90	9.11	283.0	4.3	116.3	115.9	116.0	8.8	.346
141.3	9.99	9.12	288.4	4.1	121.6	121.3	121.3	8.7	.362
163.4	9.98	9.15	288.2	5.7	118.8	118.3	118.3	11.8	.354
179.2	10.00	9.17	288.3	6.5	119.0	118.2	118.2	13.5	.354
195.3	10.07	9.17	288.6	7.1	123.8	122.8	122.8	15.3	.368
207.9	10.09	9.16	288.8	8.5	125.3	123.9	123.9	18.5	.373
220.7	10.07	9.16	288.7	9.2	124.5	122.9	122.9	19.9	.371
240.1	9.98	9.14	288.6	9.2	120.0	118.5	118.5	19.2	.357
252.8	9.95	9.12	288.5	9.5	119.4	117.8	117.8	19.7	.355
268.7	9.91	9.10	288.2	9.0	118.2	116.7	116.7	18.5	.351
283.9	9.91	9.09	288.2	9.3	118.9	117.3	117.3	19.2	.354
296.5	9.87	9.08	287.9	9.0	116.7	115.3	115.3	18.2	.347
312.5	9.88	9.08	288.2	9.2	117.5	116.0	116.0	18.9	.350
329.4	9.79	9.06	288.2	9.2	112.7	111.3	111.3	18.0	.335
335.3	9.86	9.06	288.5	8.5	118.2	116.8	116.9	17.6	.351
351.1	9.90	9.05	288.7	7.9	121.4	120.2	120.3	16.6	.361

(i-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	9.84	9.04	267.8	5.7	117.2	116.6	116.6	11.6	.349
20.4	9.90	9.04	288.0	6.7	122.0	121.2	121.2	14.2	.363
32.5	10.01	9.05	288.3	6.9	128.2	127.3	127.3	15.3	.382
52.2	9.93	9.05	288.3	7.5	123.5	122.5	122.5	16.1	.368
64.9	9.87	9.05	288.2	7.5	119.4	118.3	118.3	15.6	.355
80.6	9.99	9.07	288.5	7.5	125.7	124.6	124.6	16.5	.374
96.2	9.91	9.08	288.0	7.1	119.5	118.6	118.6	14.7	.356
108.7	9.98	9.08	287.7	5.3	124.1	123.5	123.5	11.5	.370
124.4	9.98	9.09	287.9	5.4	123.1	122.6	122.6	11.5	.367
140.8	10.03	9.11	288.1	5.1	125.2	124.7	124.7	11.1	.375
163.5	9.96	9.12	287.5	5.2	119.8	119.3	119.3	10.8	.357
179.7	10.02	9.14	287.6	5.1	122.4	122.0	122.0	10.8	.365
195.2	10.08	9.16	288.0	5.1	124.8	124.3	124.3	11.2	.372
208.5	10.09	9.16	288.1	5.7	125.9	125.3	125.3	12.4	.375
220.6	10.09	9.15	288.4	6.6	126.1	125.3	125.3	14.4	.376
240.3	9.98	9.13	288.0	6.6	120.9	120.1	120.1	13.9	.360
253.0	10.00	9.10	287.9	6.2	123.8	123.1	123.1	13.4	.369
268.7	9.99	9.09	287.9	6.3	124.1	123.4	123.4	13.7	.370
284.3	9.97	9.07	288.2	5.8	124.2	123.6	123.6	12.6	.370
296.8	9.99	9.07	287.8	5.3	125.5	124.9	124.9	11.6	.374
312.5	10.04	9.08	288.0	4.6	127.9	127.5	127.5	10.3	.382
328.9	9.95	9.06	288.1	4.1	123.4	123.1	123.1	8.8	.368
335.4	10.01	9.05	288.4	6.2	127.9	127.1	127.1	13.9	.381
351.6	10.03	9.05	288.2	5.7	129.7	129.1	129.1	12.8	.387

TABLE IV. - Continued.

(i) Continued.

(i-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	10.05	9.03	288.2	4.6	132.2	131.8	131.8	10.5	.394
20.1	10.07	9.02	287.9	5.0	133.8	133.2	133.2	11.7	.399
32.9	10.09	9.03	287.8	5.3	134.6	134.0	134.0	12.4	.402
52.3	10.02	9.03	287.9	5.9	130.4	129.7	129.7	13.3	.389
64.8	9.96	9.03	288.0	6.3	126.7	126.0	126.0	13.9	.378
80.4	10.04	9.05	287.7	5.9	130.0	129.4	129.4	13.4	.388
96.3	9.96	9.07	287.6	5.5	123.8	123.2	123.2	11.9	.369
109.0	9.96	9.06	287.5	5.2	124.1	123.6	123.6	11.3	.370
124.7	10.04	9.09	287.6	4.7	127.5	127.1	127.1	10.4	.381
140.8	10.06	9.08	287.8	4.6	129.1	128.7	128.7	10.3	.385
163.3	9.98	9.09	286.9	4.7	122.9	122.5	122.5	10.2	.367
178.6	10.03	9.11	287.3	4.3	125.1	124.8	124.8	9.3	.373
195.2	10.12	9.12	287.4	4.1	129.7	129.4	129.4	9.3	.387
208.2	10.12	9.12	287.6	4.0	130.0	129.7	129.7	9.1	.388
221.0	10.12	9.12	287.8	4.4	129.9	129.5	129.5	9.9	.388
240.4	10.08	9.10	288.2	4.3	128.9	128.5	128.5	9.7	.384
252.9	10.08	9.08	288.1	4.0	130.4	130.0	130.0	9.2	.389
268.5	10.07	9.07	287.8	3.9	130.4	130.1	130.1	8.8	.389
284.4	10.05	9.06	287.5	3.9	130.1	129.8	129.8	8.9	.388
297.1	10.01	9.05	287.3	3.7	128.4	128.2	128.2	8.3	.384
312.8	10.08	9.05	287.6	4.0	132.5	132.2	132.2	9.3	.396
328.9	10.06	9.04	287.7	2.8	132.3	132.1	132.1	6.5	.395
335.2	10.06	9.03	287.8	4.8	132.1	131.6	131.6	11.2	.394
350.5	10.08	9.03	287.8	4.4	133.8	133.4	133.4	10.3	.400

(i-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	10.09	9.02	287.8	4.3	135.0	134.6	134.6	10.0	.403
20.2	10.10	9.02	287.8	4.7	135.3	134.8	134.8	11.1	.404
32.3	10.12	9.03	288.0	4.7	136.1	135.7	135.7	11.2	.407
52.2	10.11	9.02	288.0	5.4	135.6	135.0	135.0	12.7	.405
64.9	10.05	9.03	288.2	5.6	131.9	131.2	131.2	12.8	.393
80.5	10.02	9.05	287.6	5.1	129.0	128.5	128.5	11.4	.385
96.2	9.97	9.04	287.6	5.0	126.1	125.6	125.7	10.9	.376
108.6	10.01	9.04	287.3	4.7	128.5	128.0	128.0	10.6	.384
124.4	10.06	9.06	287.3	4.2	130.4	130.0	130.0	9.5	.390
140.6	10.09	9.08	287.1	4.2	130.8	130.4	130.4	9.7	.391
163.2	10.04	9.08	287.0	3.9	127.6	127.3	127.3	8.7	.381
179.4	10.03	9.11	287.0	3.8	125.4	125.1	125.1	8.3	.374
195.2	10.09	9.12	287.5	3.4	128.7	128.5	128.5	7.7	.384
208.3	10.13	9.11	288.3	3.2	131.5	131.3	131.3	7.3	.392
220.4	10.11	9.11	288.0	3.4	130.2	130.0	130.0	7.7	.389
240.3	10.10	9.08	288.0	2.9	131.6	131.4	131.4	6.6	.393
253.0	10.11	9.07	287.9	3.1	132.8	132.6	132.6	7.2	.397
268.6	10.09	9.07	288.1	2.9	132.1	131.9	131.9	6.7	.394
284.3	10.08	9.05	287.4	3.1	132.6	132.4	132.4	7.1	.396
296.7	10.07	9.04	287.2	3.1	132.3	132.1	132.1	7.1	.395
312.5	10.12	9.05	287.3	3.1	134.6	134.4	134.4	7.2	.403
328.7	10.10	9.04	287.2	2.5	134.3	134.1	134.1	6.0	.402
335.1	10.10	9.03	287.9	4.3	134.8	134.4	134.4	10.0	.403
351.3	10.12	9.02	288.2	4.3	136.5	136.1	136.1	10.1	.408

TABLE IV. - Continued.

(i) Continued.

(i-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.1	10.12	9.02	287.8	3.8	136.7	136.4	136.4	9.0	.409
21.0	10.11	9.02	287.8	4.0	136.2	135.8	135.9	9.5	.407
34.0	10.13	9.02	287.7	3.9	137.1	136.7	136.8	9.4	.410
53.3	10.13	9.03	288.0	4.5	137.2	136.8	136.8	10.8	.410
66.2	10.11	9.04	287.9	4.5	135.2	134.8	134.8	10.5	.404
80.6	10.05	9.04	287.4	3.6	131.0	130.8	130.8	8.3	.391
96.2	9.97	9.04	287.6	4.1	126.2	125.9	125.9	8.9	.377
108.9	10.03	9.04	287.2	3.7	129.9	129.6	129.6	8.4	.388
117.1	10.08	9.05	287.1	3.7	132.4	132.1	132.1	3.5	.396
140.8	10.09	9.07	287.0	3.5	131.3	131.1	131.1	7.9	.393
160.5	10.03	9.07	287.2	3.7	127.6	127.3	127.3	8.3	.381
180.3	10.07	9.09	287.5	3.3	128.7	128.5	128.5	7.3	.384
196.2	10.12	9.11	288.0	2.7	131.3	131.1	131.1	6.3	.392
209.1	10.12	9.10	288.4	2.8	131.2	131.1	131.1	6.4	.391
222.1	10.11	9.10	288.3	2.7	130.9	130.8	130.8	6.3	.390
241.4	10.10	9.09	288.0	2.7	131.0	130.8	130.8	6.1	.391
254.3	10.10	9.06	288.0	2.6	132.5	132.4	132.4	5.9	.396
268.7	10.12	9.06	288.3	2.3	134.8	134.6	134.7	5.5	.402
284.3	10.11	9.04	288.0	2.4	134.9	134.8	134.8	5.6	.403
297.0	10.08	9.04	287.6	2.5	132.9	132.7	132.7	5.8	.397
305.2	10.11	9.04	287.4	2.4	134.7	134.6	134.6	5.6	.403
328.9	10.13	9.04	287.2	2.3	136.3	136.1	136.2	5.6	.408
332.4	10.12	9.04	287.9	3.5	135.8	135.5	135.5	8.3	.406
352.2	10.11	9.02	288.1	3.7	136.2	135.9	136.0	8.7	.407

(i-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
9.2	10.13	9.01	288.0	2.1	137.7	137.5	137.6	5.2	.412
10.4	10.12	9.01	288.0	2.0	137.0	136.9	137.0	4.8	.410
34.2	10.13	9.02	288.0	2.0	137.7	137.6	137.6	4.8	.412
53.8	10.14	9.03	288.0	2.1	137.6	137.5	137.5	5.1	.411
66.6	10.14	9.03	288.4	2.4	137.1	136.9	137.0	5.7	.409
81.6	10.05	9.04	287.6	1.8	131.2	131.1	131.2	4.1	.392
97.1	10.02	9.04	287.7	1.7	129.2	129.0	129.1	3.8	.385
109.2	10.09	9.05	287.7	1.9	133.4	133.2	133.3	4.5	.398
124.6	10.10	9.06	287.9	1.9	133.5	133.3	133.4	4.4	.399
140.9	10.12	9.05	287.6	1.7	135.0	134.8	134.9	4.1	.403
166.4	10.07	9.06	287.8	1.3	131.1	131.0	131.0	3.0	.391
182.1	10.12	9.07	288.0	1.0	133.1	133.0	133.0	2.2	.397
197.3	10.14	9.08	288.6	.5	133.9	133.9	133.9	1.3	.400
198.5	10.14	9.08	288.6	.7	133.9	133.8	133.9	1.8	.400
222.3	10.14	9.09	288.9	.8	133.8	133.7	133.8	1.8	.399
241.9	10.14	9.07	288.6	1.0	134.6	134.5	134.6	2.3	.402
254.7	10.14	9.06	288.9	.5	135.1	135.1	135.1	1.2	.403
269.7	10.14	9.05	288.4	.6	136.0	135.9	136.0	1.5	.406
285.2	10.13	9.03	287.8	.6	136.2	136.1	136.2	1.4	.407
297.3	10.13	9.03	288.3	.8	136.4	136.3	136.3	2.0	.407
312.7	10.14	9.03	287.9	.9	136.9	136.8	136.9	2.2	.409
329.0	10.13	9.03	287.7	1.0	136.9	136.8	136.9	2.4	.409
338.3	10.13	9.03	288.0	1.9	137.0	136.9	136.9	4.6	.409
354.0	10.13	9.02	288.1	2.1	137.2	137.1	137.1	4.9	.410

TABLE IV. - Continued.

(i) Continued.

(i-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.2	10.12	9.03	288.3	.4	136.5	136.3	136.5	.9	.408
24.8	10.12	9.03	288.0	.4	136.6	136.4	136.6	.9	.408
38.0	10.13	9.03	288.4	.4	136.9	136.7	136.9	1.0	.409
57.0	10.14	9.03	288.0	.6	136.8	136.7	136.8	1.5	.409
74.1	10.12	9.05	288.2	.7	135.3	135.1	135.3	1.8	.404
86.8	10.10	9.05	287.9	.4	133.8	133.6	133.8	.9	.400
100.8	10.10	9.06	287.9	.3	132.9	132.7	132.9	.6	.397
111.9	10.13	9.05	288.1	.0	135.2	135.1	135.2	.0	.404
126.8	10.12	9.05	288.3	-.0	134.9	134.8	134.9	-.0	.403
140.3	10.13	9.06	288.1	.1	134.8	134.7	134.8	.2	.403
167.0	10.12	9.08	288.1	-.1	133.1	132.9	133.1	-.3	.397
183.9	10.13	9.07	288.4	-.5	134.5	134.3	134.5	-1.1	.401
199.3	10.14	9.08	288.6	-.5	134.2	134.0	134.2	-1.3	.400
212.9	10.14	9.08	288.8	-.3	134.1	134.0	134.1	-.8	.400
226.1	10.13	9.08	289.2	-.5	133.8	133.6	133.8	-1.2	.399
245.1	10.14	9.07	288.9	-.2	135.0	134.8	135.0	-.5	.403
262.2	10.14	9.05	288.5	-.3	135.9	135.7	135.9	-.8	.406
274.9	10.14	9.05	288.8	-.5	135.9	135.7	135.9	-1.3	.406
288.9	10.13	9.05	288.3	-.5	135.9	135.8	135.9	-1.1	.406
300.0	10.14	9.04	288.6	-.4	136.6	136.4	136.5	-.9	.408
314.9	10.14	9.04	287.9	-.4	136.6	136.5	136.6	-1.0	.408
328.4	10.14	9.04	287.9	-.3	136.8	136.6	136.8	-.6	.409
338.9	10.13	9.03	288.2	.5	136.8	136.7	136.8	1.1	.409
355.8	10.13	9.03	288.2	.5	136.5	136.3	136.5	1.1	.408

(i-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	10.12	9.03	288.5	-.4	136.3	136.1	136.3	-1.0	.407
21.0	10.12	9.04	288.2	-.3	136.0	135.8	136.0	-.6	.406
33.6	10.13	9.05	287.9	-.4	135.7	135.5	135.7	-.9	.405
52.6	10.14	9.05	288.2	-.2	136.0	135.8	136.0	-.4	.406
69.3	10.13	9.06	288.3	.1	134.8	134.6	134.8	.2	.403
85.1	10.12	9.05	288.1	-.1	134.6	134.4	134.6	-.3	.402
100.5	10.12	9.05	288.2	-.5	135.2	134.9	135.2	-1.2	.404
112.6	10.12	9.05	287.8	-.6	134.8	134.6	134.8	-1.4	.403
128.3	10.13	9.06	288.2	-.7	134.6	134.4	134.6	-1.7	.402
139.6	10.13	9.06	288.4	-.7	134.7	134.5	134.7	-1.6	.402
163.8	10.13	9.07	288.3	-.6	133.8	133.6	133.8	-1.3	.399
179.9	10.12	9.08	288.2	-1.0	133.5	133.1	133.3	-2.3	.398
196.1	10.14	9.09	288.3	-1.1	133.3	133.1	133.3	-2.6	.398
209.1	10.14	9.09	288.8	-1.0	133.3	133.1	133.3	-2.4	.393
221.7	10.13	9.09	289.0	-.8	132.8	132.6	132.8	-1.9	.396
240.7	10.14	9.08	289.3	-.8	134.0	133.8	134.0	-1.9	.399
257.4	10.14	9.07	289.1	-1.0	135.0	134.7	134.9	-2.4	.402
273.2	10.14	9.06	283.6	-.8	135.8	135.6	135.8	-2.0	.405
288.6	10.14	9.04	288.5	-.9	136.4	136.2	136.4	-2.1	.407
300.7	10.14	9.04	288.6	-.8	136.8	136.5	136.7	-1.9	.408
316.4	10.14	9.05	288.5	-1.0	136.1	135.8	136.1	-2.4	.406
327.7	10.14	9.04	288.1	-.9	136.5	136.3	136.5	-2.1	.408
335.7	10.13	9.04	288.1	-.5	136.5	136.3	136.5	-1.2	.408
351.8	10.13	9.04	288.4	-.4	136.6	136.4	136.6	-1.0	.408

TABLE IV. - Continued.

(i) Continued.

(i-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.2	10.13	9.08	288.4	-4.3	133.5	132.4	133.1	-10.1	.398
20.9	10.13	9.08	288.3	-4.3	133.3	132.2	133.0	-9.9	.398
33.9	10.13	9.09	288.4	-4.1	132.9	131.8	132.5	-9.5	.396
53.3	10.13	9.08	288.2	-4.0	133.1	132.1	132.8	-9.2	.397
66.1	10.13	9.09	288.5	-3.9	133.2	132.2	132.9	-8.9	.397
81.3	10.12	9.09	288.4	-3.9	132.5	131.5	132.2	-9.0	.395
97.4	10.12	9.09	288.1	-3.9	132.6	131.5	132.2	-9.1	.396
109.3	10.12	9.08	288.2	-4.1	132.5	131.4	132.1	-9.4	.395
125.0	10.12	9.09	288.1	-4.2	132.5	131.4	132.1	-9.8	.395
140.3	10.12	9.09	288.3	-4.5	132.3	131.1	131.9	-10.2	.395
164.3	10.13	9.10	287.9	-4.5	132.3	131.2	131.9	-10.3	.395
180.2	10.13	9.10	288.4	-4.7	132.0	130.8	131.5	-10.8	.394
196.3	10.13	9.11	288.5	-4.7	131.3	130.1	130.8	-10.6	.391
209.0	10.13	9.11	288.9	-4.7	131.4	130.3	131.0	-10.7	.392
222.0	10.13	9.11	289.0	-4.9	131.8	130.7	131.4	-11.1	.393
241.4	10.13	9.10	289.2	-4.9	132.2	131.0	131.8	-11.1	.394
254.2	10.13	9.10	288.7	-5.0	132.3	131.1	131.8	-11.4	.394
269.4	10.13	9.09	288.9	-4.9	132.5	131.3	132.1	-11.3	.395
285.5	10.12	9.09	288.8	-4.9	132.8	131.6	132.3	-11.4	.396
297.4	10.13	9.08	288.8	-4.9	133.4	132.2	132.9	-11.3	.398
313.1	10.13	9.08	288.7	-4.7	133.0	131.8	132.6	-10.8	.397
328.4	10.13	9.09	288.5	-4.6	133.0	131.8	132.6	-10.5	.397
336.2	10.13	9.09	288.3	-4.2	133.0	131.9	132.6	-9.7	.397
352.1	10.13	9.08	288.3	-4.3	133.4	132.3	133.1	-9.9	.398

(i-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.3	10.04	9.16	288.1	-11.6	122.8	118.4	120.4	-24.3	.366
20.9	10.05	9.16	288.3	-11.3	122.8	118.5	120.5	-23.7	.365
24.3	10.03	9.16	288.2	-10.5	121.7	117.8	119.7	-21.8	.362
53.3	10.04	9.15	288.1	-9.7	122.9	119.2	121.2	-20.5	.366
65.7	10.04	9.15	288.2	-9.8	123.1	119.4	121.3	-20.7	.367
81.2	10.05	9.16	287.9	-9.3	122.8	119.3	121.2	-19.5	.366
96.9	10.05	9.16	287.7	-9.4	123.0	119.5	121.4	-19.8	.367
109.2	10.05	9.16	288.1	-9.4	123.1	119.6	121.5	-19.8	.367
124.7	10.06	9.16	287.9	-9.8	123.4	119.7	121.6	-20.7	.367
141.1	10.04	9.16	288.0	-10.4	122.2	118.3	120.2	-21.8	.364
164.4	10.08	9.17	288.1	-12.8	124.2	119.2	121.2	-27.1	.370
180.1	10.10	9.17	288.2	-13.1	125.3	120.2	122.2	-27.9	.373
196.4	10.11	9.18	288.5	-13.7	125.2	119.8	121.7	-29.2	.373
209.0	10.13	9.18	288.9	-13.3	126.5	120.9	122.9	-29.8	.376
212.4	10.12	9.18	288.9	-14.1	126.4	120.8	122.7	-30.3	.376
241.4	10.13	9.17	289.1	-14.6	127.4	121.4	123.4	-31.5	.379
253.8	10.13	9.16	289.2	-14.9	128.0	121.8	123.8	-32.3	.381
269.3	10.13	9.16	288.7	-14.9	128.0	121.8	123.8	-32.5	.381
285.0	10.13	9.16	288.4	-15.2	127.8	121.4	123.4	-33.1	.381
297.3	10.12	9.16	288.4	-15.2	128.1	121.7	123.7	-33.2	.382
312.8	10.12	9.16	288.4	-14.6	127.8	121.8	123.8	-31.7	.381
329.2	10.12	9.16	288.7	-14.0	127.3	121.6	123.6	-30.4	.379
336.3	10.09	9.16	287.5	-12.6	125.1	120.2	122.1	-26.9	.373
352.0	10.07	9.16	288.1	-12.4	124.4	119.6	121.6	-26.3	.371

TABLE IV. - Continued.

(i) Continued.

(i-23) Station 2; radial position 1

THETA	TOTAL PRESS.	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.9	12.19	10.68	312.3	34.8	152.4	125.1	125.1	87.1	.438
20.9	12.20	10.67	312.6	33.6	153.9	128.2	128.2	85.2	.443
33.4	12.15	10.67	311.0	35.7	151.2	122.9	122.9	88.1	.436
49.7	12.11	10.71	311.6	36.2	146.9	118.6	118.6	86.7	.423
64.7	12.04	10.69	311.7	32.9	144.5	121.4	121.4	78.4	.415
77.3	12.09	10.72	310.9	34.2	145.6	120.4	120.4	81.9	.419
93.4	12.08	10.72	310.9	32.8	145.1	121.9	121.9	78.7	.418
110.0	12.16	10.74	310.9	32.1	147.1	124.7	124.7	78.1	.424
131.8	12.09	10.77	310.0	36.3	142.6	115.0	115.0	84.4	.411
147.6	12.13	10.76	310.5	34.9	144.9	118.8	118.8	82.9	.417
164.1	12.11	10.75	309.8	34.1	144.3	119.5	119.5	80.8	.416
177.3	12.16	10.73	308.9	34.8	147.4	121.0	121.0	84.1	.426
189.9	12.16	10.70	308.6	34.1	148.8	123.2	123.2	83.5	.430
208.9	12.11	10.68	308.0	35.0	147.5	120.9	120.9	84.6	.427
221.4	12.12	10.64	308.0	35.5	150.5	122.5	122.5	87.4	.436
237.7	12.15	10.62	309.8	36.5	152.9	123.0	123.0	90.9	.442
252.7	12.18	10.63	309.6	36.4	154.1	123.9	123.9	91.5	.445
265.3	12.18	10.65	309.4	37.0	152.8	122.1	122.1	91.9	.442
281.4	12.20	10.66	310.7	37.8	154.0	121.8	121.8	94.3	.444
298.0	12.16	10.64	311.8	38.8	152.9	119.3	119.3	95.7	.440
303.8	12.10	10.64	311.5	36.2	150.2	121.2	121.2	88.8	.432
319.6	12.18	10.66	312.3	37.2	153.2	122.0	122.0	92.7	.441
336.1	12.10	10.65	312.9	37.1	149.9	119.7	119.7	90.4	.431
349.3	12.05	10.66	311.0	35.3	146.9	119.9	119.9	84.8	.423

(i-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.9	12.24	10.63	311.7	31.9	157.6	133.8	133.8	83.2	.454
21.3	12.19	10.63	310.2	33.4	154.9	129.3	129.3	85.2	.447
34.0	12.13	10.63	309.4	33.2	151.3	126.6	126.6	82.9	.437
49.9	12.10	10.70	309.6	32.7	146.6	123.3	123.3	79.3	.423
65.1	12.18	10.68	310.8	30.5	151.4	130.5	130.5	76.9	.437
77.7	12.17	10.69	309.6	31.1	150.1	128.5	128.5	77.6	.434
93.7	12.18	10.72	309.6	30.8	149.1	128.1	128.1	76.4	.431
110.6	12.29	10.72	310.8	28.7	154.7	135.8	135.8	74.2	.446
132.6	12.19	10.70	308.9	33.1	150.2	125.9	125.9	82.0	.434
148.4	12.22	10.74	308.9	32.2	149.9	126.8	126.8	80.0	.433
164.5	12.18	10.72	308.6	31.3	149.1	127.4	127.4	77.4	.431
177.1	12.19	10.69	307.8	31.6	150.8	128.4	128.4	79.0	.437
189.9	12.25	10.67	308.0	31.6	155.1	132.1	132.1	81.3	.450
209.3	12.17	10.66	307.7	32.8	151.5	127.3	127.3	82.2	.439
222.0	12.10	10.65	308.0	33.1	148.5	124.4	124.4	81.1	.430
237.9	12.11	10.62	307.8	34.1	150.8	124.9	124.9	84.5	.437
253.1	12.14	10.60	307.4	34.2	153.2	126.7	126.8	86.1	.445
265.7	12.10	10.61	307.6	34.4	150.5	124.2	124.2	85.1	.436
281.7	12.13	10.66	307.9	34.1	149.6	124.0	124.0	83.8	.433
298.6	12.12	10.64	308.6	34.1	150.2	124.3	124.3	84.2	.434
304.6	12.08	10.63	308.9	33.3	149.4	124.8	124.8	82.1	.432
320.4	12.15	10.60	310.2	34.1	154.4	127.9	127.9	86.5	.446
336.5	12.16	10.61	310.7	33.5	154.6	128.8	128.8	85.4	.446
349.1	12.12	10.62	309.6	32.7	151.7	127.7	127.7	81.9	.438

TABLE IV. - Continued.

(i) Continued.

(i-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.8	12.25	10.57	311.7	33.6	160.7	133.8	133.9	89.0	.464
21.5	12.29	10.57	311.2	34.2	162.2	134.1	134.2	91.1	.469
34.2	12.29	10.56	308.6	31.8	162.0	137.6	137.6	85.4	.470
49.9	12.25	10.61	309.4	31.9	158.3	134.3	134.3	83.7	.458
65.5	12.31	10.60	310.0	30.9	161.4	138.5	138.6	82.8	.467
78.0	12.22	10.61	309.6	32.6	157.1	132.3	132.3	84.6	.454
93.7	12.34	10.61	310.4	32.1	162.2	137.3	137.4	86.2	.469
110.1	12.37	10.65	310.4	32.0	161.5	136.9	137.0	85.7	.467
132.7	12.38	10.66	308.2	32.8	161.1	135.4	135.4	87.3	.468
148.9	12.32	10.65	309.0	33.1	159.4	133.6	133.6	87.0	.462
164.4	12.32	10.64	308.4	33.1	159.3	133.5	133.5	86.9	.462
177.7	12.32	10.63	308.9	32.8	160.2	134.5	134.6	86.9	.464
189.8	12.35	10.60	308.5	31.8	162.6	138.1	138.2	85.6	.472
209.5	12.31	10.58	308.2	33.4	161.8	135.0	135.1	89.1	.470
222.2	12.24	10.56	307.6	33.3	159.8	133.6	133.6	87.6	.464
237.9	12.27	10.55	308.0	32.9	161.5	135.5	135.5	87.8	.469
253.5	12.31	10.56	308.5	33.5	163.3	136.1	136.2	90.0	.474
266.0	12.29	10.55	308.8	33.0	162.6	136.4	136.5	88.5	.472
281.7	12.32	10.58	308.9	32.7	162.5	136.7	136.8	87.8	.472
298.1	12.27	10.57	309.0	33.2	160.7	134.5	134.5	87.8	.466
304.7	12.25	10.57	308.6	32.0	160.0	135.6	135.7	84.8	.464
320.9	12.32	10.57	309.8	31.8	163.6	139.0	139.1	86.2	.474
336.4	12.30	10.55	310.0	31.6	163.4	139.1	139.2	85.7	.473
349.7	12.27	10.54	309.2	32.4	162.5	137.2	137.3	87.0	.471

(i-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	12.70	10.56	312.0	32.2	179.6	151.9	152.0	95.7	.521
21.6	12.68	10.56	311.3	31.8	178.6	151.6	151.8	94.1	.518
34.1	12.61	10.55	311.2	32.4	176.0	148.6	148.8	94.1	.511
49.7	12.58	10.59	310.8	32.6	172.9	145.6	145.8	93.0	.502
65.6	12.65	10.62	311.1	32.4	174.6	147.3	147.5	93.5	.506
78.3	12.60	10.62	311.1	32.4	172.4	145.4	145.6	92.4	.500
94.0	12.72	10.61	313.1	33.2	178.4	149.1	149.3	97.7	.516
110.1	12.67	10.62	312.8	33.1	175.7	147.1	147.2	96.0	.508
132.5	12.62	10.63	311.0	33.8	172.7	143.4	143.6	96.0	.501
147.8	12.68	10.63	311.1	33.3	175.1	146.2	146.3	96.1	.508
164.4	12.66	10.62	311.6	33.7	175.2	145.7	145.8	97.2	.508
177.4	12.71	10.62	311.9	33.6	177.1	147.4	147.5	98.0	.513
190.2	12.67	10.61	310.4	33.0	175.6	147.2	147.3	95.5	.510
209.6	12.66	10.57	310.9	33.5	176.7	147.4	147.5	97.7	.514
222.1	12.66	10.56	311.1	32.9	177.3	148.7	148.9	96.3	.515
237.7	12.61	10.54	310.6	33.8	176.8	146.8	146.9	98.3	.513
253.6	12.59	10.53	310.4	33.5	176.1	146.7	146.9	97.1	.512
266.3	12.64	10.55	310.4	33.6	177.2	147.4	147.6	98.0	.515
282.0	12.63	10.56	310.6	33.8	176.4	146.5	146.6	98.0	.512
298.1	12.60	10.56	310.8	34.0	175.4	145.2	145.4	98.1	.509
304.5	12.58	10.56	310.0	33.0	174.5	146.2	146.4	95.0	.507
319.8	12.67	10.56	311.6	32.2	178.4	150.8	151.0	95.0	.517
336.4	12.67	10.54	311.5	31.0	178.9	153.3	153.5	91.9	.519
349.4	12.64	10.52	310.9	32.6	178.7	150.4	150.5	96.3	.519

TABLE IV. - Continued.

(i) Continued.

(i-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
1.6	12.62	10.53	313.1	34.5	178.1	146.6	146.9	100.8	.515
21.5	12.64	10.54	312.5	34.7	178.0	146.1	146.4	101.2	.516
34.2	12.57	10.53	313.0	35.7	176.0	142.7	143.0	102.6	.509
49.8	12.54	10.56	311.5	35.3	173.2	141.1	141.4	100.0	.502
65.5	12.62	10.56	313.3	36.1	176.7	142.6	142.9	103.9	.511
77.9	12.59	10.56	312.9	36.6	175.3	140.6	140.9	104.4	.507
93.7	12.66	10.59	314.1	36.7	177.2	142.0	142.2	105.7	.512
109.9	12.73	10.60	313.6	36.5	178.9	143.7	144.0	106.2	.517
132.4	12.53	10.61	311.4	37.0	170.5	136.0	136.3	102.5	.494
148.6	12.63	10.59	312.8	36.9	175.7	140.3	140.5	105.4	.508
164.4	12.64	10.60	312.8	37.0	175.6	140.1	140.3	105.5	.508
177.5	12.64	10.59	313.4	36.5	176.4	141.6	141.9	104.9	.510
189.6	12.64	10.58	313.0	37.3	176.5	140.3	140.6	106.8	.511
209.5	12.59	10.55	312.6	37.5	176.0	139.4	139.7	107.1	.509
222.2	12.68	10.50	313.0	36.7	181.6	145.5	145.8	108.3	.526
237.8	12.58	10.50	312.9	37.1	177.6	141.5	141.8	107.0	.514
253.5	12.62	10.52	312.8	37.5	178.4	141.4	141.7	108.5	.517
265.9	12.59	10.52	311.9	37.5	177.2	140.4	140.7	107.8	.514
281.7	12.64	10.54	313.1	37.5	178.5	141.4	141.7	108.6	.517
297.9	12.61	10.55	312.6	38.0	176.7	139.2	139.4	108.6	.512
304.4	12.51	10.55	311.5	34.9	172.5	141.3	141.5	98.7	.500
320.6	12.61	10.54	312.5	34.4	177.1	145.9	146.2	100.0	.513
336.4	12.63	10.52	312.6	34.6	178.7	146.9	147.2	101.4	.518
349.5	12.56	10.53	312.0	35.6	175.4	142.5	142.7	101.9	.508

(i-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.3	12.70	10.50	308.4	30.3	181.0	155.9	156.4	91.2	.528
22.6	12.71	10.50	308.2	29.7	181.3	157.1	157.6	89.7	.529
35.5	12.68	10.49	308.1	29.4	180.5	156.9	157.4	88.5	.527
49.9	12.69	10.51	308.2	29.8	180.1	156.0	156.5	89.2	.526
65.5	12.71	10.53	309.3	31.0	180.4	154.3	154.8	92.8	.526
78.2	12.68	10.53	308.8	30.7	178.9	153.5	154.0	91.1	.521
86.4	12.75	10.53	309.9	31.8	181.7	154.1	154.6	95.5	.529
110.1	12.75	10.53	310.4	32.0	182.1	154.2	154.6	96.2	.530
129.7	12.66	10.57	308.1	33.5	176.3	146.7	147.2	97.0	.514
149.5	12.69	10.59	309.0	33.6	176.9	147.0	147.4	97.8	.515
165.4	12.67	10.57	310.1	33.5	177.5	147.7	148.2	97.8	.516
178.3	12.73	10.56	309.4	33.2	180.1	150.3	150.8	98.5	.525
191.3	12.74	10.54	309.0	33.5	181.0	150.5	151.0	99.8	.528
210.6	12.72	10.50	308.7	32.7	181.6	152.5	153.0	97.8	.530
223.5	12.69	10.46	308.6	32.5	182.4	153.6	154.0	97.7	.532
237.9	12.72	10.45	309.7	32.4	184.3	155.4	155.8	98.4	.537
253.5	12.73	10.45	309.0	31.9	184.7	156.5	157.0	97.4	.539
266.2	12.72	10.46	303.1	32.6	183.3	154.0	154.5	98.5	.536
274.4	12.73	10.48	308.9	32.4	183.2	154.3	154.7	98.0	.535
298.1	12.71	10.49	307.8	32.7	181.7	152.6	153.1	97.9	.531
301.7	12.63	10.49	307.7	29.9	179.0	154.8	155.3	89.0	.523
321.5	12.62	10.48	307.6	29.5	178.9	155.4	155.9	87.8	.523
337.4	12.65	10.49	308.0	29.7	179.5	155.6	156.1	88.7	.524
350.3	12.59	10.50	307.5	29.3	177.0	154.0	154.5	86.3	.517

TABLE IV. - Continued.

(i) Continued.

(i-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.5	12.64	10.48	307.1	29.1	179.3	156.0	156.8	86.9	.524
23.1	12.62	10.47	306.8	28.5	179.0	156.8	157.5	85.0	.524
35.9	12.61	10.48	306.8	28.1	178.0	156.5	157.2	83.4	.521
50.9	12.53	10.49	306.5	29.2	174.5	151.8	152.5	84.7	.510
66.4	12.59	10.50	306.9	28.6	176.7	154.6	155.3	84.3	.517
78.5	12.58	10.50	307.7	28.5	176.6	154.6	155.3	84.1	.515
93.9	12.59	10.50	308.2	29.2	177.2	154.2	154.9	86.0	.517
110.2	12.61	10.51	308.5	29.8	177.4	153.4	154.1	87.9	.517
135.6	12.64	10.52	306.8	30.4	177.6	152.6	153.3	89.6	.519
151.3	12.68	10.52	307.8	30.7	179.1	153.5	154.2	91.0	.523
166.5	12.68	10.52	308.0	31.1	179.4	153.0	153.8	92.4	.524
167.7	12.66	10.51	307.9	30.5	178.8	153.4	154.2	90.5	.522
191.5	12.68	10.49	308.2	30.9	180.5	154.3	155.1	92.3	.527
211.1	12.63	10.49	307.7	31.0	178.6	152.5	153.2	91.7	.521
223.9	12.63	10.48	307.6	30.3	178.9	154.0	154.7	89.8	.522
238.9	12.64	10.47	307.7	30.8	179.9	154.1	154.8	91.7	.526
254.4	12.60	10.48	307.1	29.8	177.8	153.7	154.5	88.1	.520
266.5	12.61	10.48	307.5	30.3	178.2	153.4	154.1	89.5	.521
281.9	12.61	10.51	307.0	30.0	177.0	152.7	153.4	88.3	.517
298.2	12.61	10.49	306.8	30.6	177.9	152.7	153.4	89.1	.520
307.6	12.60	10.47	306.9	28.1	178.0	156.4	157.1	83.6	.520
323.3	12.61	10.47	306.8	28.3	178.6	156.6	157.4	84.5	.522
338.5	12.61	10.46	307.2	28.4	179.2	157.1	157.9	84.9	.524
339.7	12.60	10.46	307.1	28.2	178.9	157.0	157.7	84.3	.523

(i-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	12.61	11.33	308.1	40.8	136.8	103.5	103.6	89.3	.395
26.3	12.61	11.33	307.6	41.1	136.3	102.7	102.8	89.5	.394
43.4	12.58	11.35	307.1	41.7	133.9	99.9	100.0	88.9	.387
56.1	12.55	11.37	307.0	40.6	130.9	99.3	99.4	85.2	.378
70.1	12.56	11.37	307.7	41.6	131.4	98.3	98.4	87.1	.379
81.2	12.59	11.37	308.0	39.5	133.1	102.6	102.7	84.7	.384
96.1	12.56	11.37	308.4	41.0	131.9	99.4	99.5	86.5	.380
109.6	12.61	11.38	308.7	40.8	133.7	101.1	101.2	87.4	.385
136.2	12.62	11.39	308.1	42.3	133.5	98.6	98.7	89.9	.385
153.1	12.68	11.39	308.3	42.5	136.3	100.5	100.6	92.0	.393
168.5	12.67	11.37	308.7	42.3	137.6	101.7	101.8	92.6	.397
182.1	12.68	11.36	309.1	41.9	138.5	103.0	103.1	92.5	.399
195.3	12.65	11.35	309.0	42.4	137.3	101.2	101.3	92.6	.396
214.3	12.65	11.34	308.9	42.8	137.9	101.1	101.2	93.7	.393
231.4	12.62	11.33	308.8	42.9	137.6	100.7	100.7	93.7	.397
244.1	12.64	11.34	308.9	42.2	138.1	102.2	102.3	92.8	.398
258.1	12.60	11.35	308.5	42.5	135.4	99.7	99.8	91.5	.390
269.2	12.61	11.35	308.4	42.2	135.7	100.6	100.7	91.1	.391
284.1	12.63	11.36	308.6	41.8	136.0	101.3	101.4	90.6	.392
297.6	12.62	11.35	307.8	42.1	136.1	101.0	101.1	91.2	.393
308.2	12.57	11.33	307.2	40.2	134.3	102.4	102.5	86.7	.388
325.1	12.61	11.34	307.7	40.6	135.6	103.0	103.1	83.2	.392
340.5	12.58	11.33	308.5	41.3	134.9	101.3	101.4	89.0	.389
354.1	12.58	11.32	307.5	41.1	135.3	102.0	102.1	83.9	.391

TABLE IV. - Continued.

(i) Continued.

(i-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.9	12.60	11.21	307.8	40.0	142.9	109.4	109.5	91.8	.413
21.9	12.65	11.21	308.4	40.4	144.6	110.1	110.1	93.7	.418
38.6	12.62	11.25	308.8	40.1	141.7	108.3	108.3	91.3	.409
54.4	12.59	11.28	308.1	40.1	138.5	105.9	105.9	89.3	.400
69.8	12.57	11.27	307.8	40.2	138.1	105.5	105.5	89.0	.399
81.9	12.60	11.26	307.3	39.2	139.7	108.3	108.3	88.3	.404
97.6	12.61	11.26	308.7	39.0	140.6	109.2	109.3	88.6	.406
108.9	12.57	11.27	308.7	40.5	137.8	104.7	104.8	89.5	.397
133.0	12.61	11.27	308.4	41.3	140.1	105.3	105.3	92.4	.404
149.1	12.69	11.28	308.4	41.8	143.2	106.8	106.8	95.4	.414
165.3	12.70	11.25	308.5	40.6	145.2	110.2	110.2	94.5	.420
178.3	12.68	11.23	308.8	40.1	145.4	111.2	111.3	93.7	.420
190.9	12.69	11.23	309.1	41.2	145.9	109.7	109.8	96.1	.421
209.9	12.66	11.24	309.7	41.7	144.5	107.9	107.9	96.2	.417
226.6	12.66	11.22	308.7	41.2	145.1	109.2	109.2	95.5	.419
242.4	12.65	11.24	308.7	41.4	143.3	107.6	107.6	94.7	.414
257.8	12.64	11.24	308.4	40.6	142.6	108.3	108.4	92.7	.412
269.9	12.61	11.24	308.5	41.0	141.1	106.4	106.5	92.7	.408
285.6	12.61	11.24	308.5	40.5	141.6	107.6	107.6	92.0	.409
296.9	12.63	11.23	307.9	40.4	142.5	108.6	108.6	92.3	.412
305.0	12.60	11.23	307.6	39.9	141.5	108.5	108.6	90.7	.409
321.1	12.64	11.23	308.6	39.9	143.3	109.9	110.0	91.9	.414
337.3	12.58	11.23	308.5	40.2	140.8	107.5	107.5	90.9	.407
350.3	12.57	11.22	308.3	39.8	140.9	108.3	108.3	90.2	.407

(i-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.2	12.99	10.75	310.7	36.7	181.2	145.2	145.4	108.2	.527
22.6	13.01	10.74	310.5	37.1	182.3	145.3	145.4	109.9	.530
35.4	13.07	10.74	311.9	36.7	184.8	148.2	148.3	110.2	.537
50.6	13.00	10.77	310.6	36.8	180.9	144.7	144.9	108.3	.526
66.7	12.99	10.76	310.5	37.0	180.6	144.1	144.3	108.6	.525
78.6	13.09	10.76	311.4	37.1	184.6	147.1	147.2	111.3	.537
94.3	13.13	10.76	311.7	36.9	186.0	148.8	148.9	111.5	.541
109.6	13.02	10.77	311.6	36.8	181.9	145.5	145.6	108.9	.528
133.5	12.99	10.77	311.6	38.3	180.7	141.7	141.9	111.9	.525
149.4	13.05	10.76	312.0	38.5	183.5	143.5	143.6	114.1	.533
165.5	13.08	10.76	311.8	38.0	184.6	145.4	145.6	113.6	.537
178.2	13.05	10.76	311.6	38.1	183.3	144.1	144.3	113.1	.532
191.2	12.99	10.75	312.3	38.1	182.0	143.1	143.3	112.3	.528
210.6	12.99	10.73	311.3	38.4	182.4	142.9	143.0	113.3	.530
223.4	13.02	10.73	312.3	38.4	183.8	144.0	144.1	114.0	.533
238.6	12.99	10.74	312.8	38.5	182.4	142.7	142.9	113.4	.529
254.7	13.05	10.75	312.4	38.2	183.7	144.2	144.4	113.6	.533
266.6	13.03	10.75	312.6	38.6	183.2	143.1	143.3	114.2	.531
282.3	13.03	10.74	312.4	38.4	183.6	143.3	144.0	114.0	.533
297.6	13.02	10.75	311.6	38.1	182.9	143.9	144.1	112.7	.531
305.5	13.06	10.75	310.7	36.1	183.8	148.3	148.5	108.3	.535
321.4	13.04	10.74	311.2	36.3	183.6	147.8	148.0	108.7	.534
337.5	13.05	10.73	310.9	36.5	184.1	148.0	148.1	109.4	.536
350.2	13.05	10.73	311.3	36.9	184.5	147.5	147.6	110.7	.537

TABLE IV. - Continued.

(i) Continued.

(i-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
22.6	13.39	10.13	315.7	41.0	220.5	165.4	167.1	143.8	.644
35.0	13.40	10.11	316.0	41.4	221.7	165.3	167.0	145.7	.648
50.5	13.40	10.11	315.7	41.0	221.7	166.3	168.0	144.6	.648
66.2	13.38	10.12	314.9	41.3	220.1	164.4	166.1	144.4	.644
78.5	13.35	10.13	314.6	41.2	218.9	163.7	165.4	143.4	.641
94.0	13.39	10.12	315.5	41.4	220.9	164.7	166.4	145.3	.646
110.4	13.40	10.13	315.4	41.5	220.6	164.3	166.0	145.2	.645
133.6	13.35	10.13	315.7	40.6	219.0	165.2	166.9	141.8	.640
149.3	13.34	10.12	315.6	40.5	219.3	165.6	167.3	141.7	.641
165.6	13.35	10.12	315.9	40.7	219.7	165.7	167.3	142.4	.642
178.2	13.35	10.13	316.2	40.7	219.3	165.2	166.9	142.3	.640
181.6	13.35	10.13	316.3	40.8	219.3	165.1	166.7	142.4	.640
210.6	13.40	10.11	316.5	41.0	221.8	166.5	168.2	144.6	.647
223.0	13.41	10.13	316.6	41.1	221.2	165.7	167.4	144.6	.646
238.5	13.37	10.15	316.6	40.9	219.6	165.0	166.7	142.9	.640
254.2	13.39	10.18	315.8	40.9	218.8	164.5	166.1	142.4	.639
266.5	13.38	10.18	315.6	40.7	218.3	164.6	166.3	141.4	.637
282.0	13.38	10.15	316.1	41.0	219.3	164.7	166.4	142.9	.640
298.4	13.38	10.16	316.3	40.9	219.2	164.8	166.4	142.6	.640
305.6	13.48	10.17	315.6	40.8	221.5	166.8	168.5	143.8	.648
321.3	13.43	10.17	316.0	40.6	220.4	166.3	168.0	142.6	.644
337.6	13.47	10.14	316.3	40.4	222.6	168.4	170.2	143.6	.650
350.2	13.40	10.14	316.1	40.8	220.6	166.0	167.7	143.3	.644
353.6	13.40	10.14	316.0	40.7	220.2	166.1	167.8	142.7	.643

(i-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.0	11.42	9.39	312.0	.7	184.9	184.2	184.9	2.2	.537
22.5	11.48	9.38	311.8	.4	187.5	186.8	187.5	1.3	.545
35.7	11.43	9.39	313.6	.8	185.6	184.9	185.6	2.6	.538
48.3	11.51	9.38	312.3	.8	188.7	188.1	188.7	2.5	.549
67.3	11.57	9.40	312.9	1.2	190.3	189.6	190.3	3.8	.553
79.8	11.52	9.40	313.2	.6	188.4	187.7	188.4	2.0	.547
96.1	11.49	9.39	313.1	1.0	188.0	187.3	188.0	3.2	.546
111.1	11.51	9.39	313.0	1.1	188.3	187.6	188.3	3.7	.547
123.7	11.47	9.42	312.4	1.2	185.4	184.7	185.3	3.9	.538
139.8	11.39	9.43	312.0	1.1	181.7	181.1	181.7	3.6	.527
156.4	11.41	9.44	311.4	1.1	181.5	180.8	181.5	3.4	.527
170.2	11.62	9.45	310.8	.6	189.2	188.5	189.2	2.0	.551
186.0	11.59	9.44	310.1	.8	188.1	187.4	188.1	2.8	.549
202.5	11.56	9.43	309.3	.7	187.5	186.9	187.5	2.3	.548
215.7	11.56	9.44	309.2	.6	186.8	186.2	186.8	1.8	.546
228.3	11.52	9.45	308.8	.6	185.0	184.3	185.0	1.9	.540
247.3	11.54	9.43	308.8	.7	186.7	186.1	186.7	2.4	.546
259.8	11.58	9.42	309.5	.8	188.7	188.0	188.7	2.5	.551
276.1	11.63	9.41	310.1	.9	191.5	190.8	191.5	2.8	.559
291.1	11.63	9.40	309.5	.9	191.4	190.7	191.3	2.9	.559
303.7	11.66	9.41	310.1	.9	192.6	191.9	192.6	3.1	.563
319.8	11.71	9.39	309.6	1.1	195.0	194.3	195.0	3.9	.571
336.4	11.78	9.41	311.2	1.3	197.2	196.5	197.2	4.5	.576
350.2	11.57	9.41	312.3	.8	189.6	188.9	189.6	2.8	.551

TABLE IV. - Continued.

(i) Continued.

(i-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	11.80	9.44	311.2	-.9	196.8	196.1	196.8	-3.2	.575
22.9	11.77	9.40	310.5	-1.4	197.2	196.4	197.1	-4.9	.576
35.5	11.76	9.40	313.2	-1.1	197.6	196.9	197.6	-3.8	.575
48.3	11.78	9.40	312.0	-1.4	197.9	197.2	197.9	-4.8	.577
67.7	11.76	9.44	313.0	-1.7	195.4	194.6	195.3	-5.7	.568
80.4	11.76	9.45	311.9	-1.8	194.9	194.1	194.8	-6.0	.568
96.3	11.76	9.42	312.2	-1.5	196.0	195.2	195.9	-5.1	.571
111.5	11.80	9.44	311.8	-1.3	196.6	195.8	196.5	-4.6	.573
124.1	11.75	9.47	310.9	-1.4	193.0	192.2	192.9	-4.6	.563
140.1	11.73	9.47	311.3	-1.3	192.7	192.0	192.7	-4.4	.562
157.0	11.75	9.46	310.3	-1.3	193.2	192.5	193.2	-4.4	.564
171.0	12.02	9.49	310.6	-.6	201.9	201.1	201.8	-2.0	.591
186.8	11.99	9.50	309.5	-.4	199.8	199.1	199.8	-1.4	.586
202.9	11.93	9.46	309.0	-.8	199.8	199.1	199.8	-2.7	.586
215.5	11.94	9.46	309.2	-.9	199.9	199.1	199.8	-3.1	.586
228.3	11.91	9.47	308.7	-.9	198.2	197.5	198.2	-3.0	.581
247.7	11.89	9.46	309.2	-1.0	198.1	197.3	198.0	-3.3	.581
260.4	11.87	9.44	309.1	-.9	198.3	197.5	198.2	-2.9	.581
276.3	11.90	9.43	309.4	-.9	200.2	199.4	200.2	-3.1	.587
291.5	11.92	9.44	309.4	-.8	200.2	199.5	200.2	-2.8	.587
304.1	11.91	9.45	309.4	-.9	199.4	198.7	199.4	-3.1	.585
320.1	11.84	9.43	309.1	-.9	197.8	197.1	197.8	-3.2	.580
337.0	11.91	9.42	310.9	-.4	201.4	200.7	201.4	-1.5	.589
351.0	11.88	9.43	311.7	-1.2	199.7	199.0	199.7	-4.3	.583

(i-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	12.06	9.43	311.4	-2.9	206.3	205.2	206.0	-10.6	.604
22.8	11.99	9.41	309.8	-3.5	204.1	203.0	203.8	-12.3	.599
36.1	12.02	9.41	312.0	-2.8	206.0	205.0	205.8	-10.2	.603
48.2	12.03	9.43	311.3	-3.1	205.1	204.0	204.8	-11.1	.601
67.9	12.03	9.47	312.1	-3.2	203.4	202.3	203.1	-11.2	.594
80.6	12.03	9.50	311.0	-3.1	201.9	200.9	201.6	-11.0	.591
96.3	12.04	9.50	311.2	-3.1	202.3	201.2	202.0	-10.9	.592
111.9	12.07	9.48	310.8	-3.1	203.9	202.8	203.6	-10.8	.597
124.4	12.06	9.50	310.1	-3.0	202.5	201.4	202.2	-10.4	.593
140.1	12.12	9.53	310.4	-3.3	203.5	202.4	203.2	-11.5	.597
156.5	12.10	9.51	310.3	-3.2	203.6	202.6	203.3	-11.4	.597
171.1	12.24	9.48	311.1	-1.9	209.8	208.9	209.7	-6.8	.616
187.3	12.22	9.51	310.9	-1.9	207.6	206.7	207.5	-7.0	.609
202.8	12.16	9.49	310.2	-2.1	206.3	205.4	206.2	-7.5	.605
216.1	12.12	9.49	309.9	-2.3	205.0	204.0	204.8	-8.3	.602
228.2	12.10	9.52	309.8	-2.4	203.0	202.1	202.8	-8.6	.595
247.9	12.08	9.45	310.3	-2.5	205.4	204.4	205.2	-9.1	.602
260.6	12.04	9.43	309.9	-2.5	204.7	203.8	204.5	-9.0	.601
276.3	12.01	9.43	309.7	-2.6	203.6	202.6	203.4	-9.3	.597
291.9	12.03	9.41	310.1	-2.7	205.2	204.2	205.0	-9.6	.602
304.4	12.00	9.43	310.1	-2.8	203.8	202.8	203.5	-9.9	.598
320.1	11.97	9.45	309.5	-3.0	201.6	200.5	201.3	-10.4	.591
336.5	11.95	9.42	311.3	-3.1	202.6	201.6	202.3	-11.1	.593
351.1	11.97	9.40	311.1	-3.4	204.5	203.3	204.1	-12.0	.599

TABLE IV. - Continued.

(i) Continued.

(i-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.2	12.32	9.37	312.3	-2.7	216.9	215.8	216.7	-10.1	.637
22.8	12.31	9.41	311.8	-2.6	215.2	214.1	215.0	-9.6	.632
35.8	12.31	9.38	312.6	-2.7	216.6	215.5	216.3	-10.2	.635
48.6	12.26	9.36	312.1	-2.7	215.7	214.6	215.5	-10.3	.633
68.0	12.25	9.43	312.3	-2.8	212.4	211.3	212.2	-10.4	.623
80.5	12.30	9.50	312.4	-2.8	211.5	210.5	211.3	-10.1	.620
96.1	12.25	9.52	311.8	-2.9	208.6	207.5	208.3	-10.5	.611
112.0	12.31	9.49	312.3	-2.8	212.1	211.0	211.8	-10.3	.621
124.7	12.33	9.47	312.1	-2.7	213.2	212.1	212.9	-10.2	.625
140.4	12.33	9.50	311.9	-2.7	212.3	211.2	212.1	-10.0	.623
156.5	12.34	9.52	311.5	-2.7	211.6	210.5	211.3	-10.0	.621
170.9	12.46	9.49	311.7	-2.0	216.6	215.6	216.5	-7.7	.636
186.2	12.47	9.47	312.1	-2.0	217.8	216.7	217.6	-7.8	.640
202.8	12.46	9.51	311.6	-2.1	215.6	214.6	215.5	-8.0	.633
215.8	12.39	9.49	311.4	-2.2	214.5	213.5	214.4	-8.1	.630
228.6	12.36	9.46	311.1	-2.1	214.2	213.2	214.0	-7.8	.629
248.0	12.35	9.40	311.8	-2.2	216.4	215.4	216.3	-8.1	.636
260.5	12.35	9.41	311.8	-2.2	216.3	215.3	216.1	-8.3	.635
276.1	12.30	9.44	311.3	-2.2	213.2	212.2	213.1	-8.3	.626
292.0	12.30	9.41	311.1	-2.2	214.7	213.7	214.6	-8.2	.631
304.7	12.33	9.38	311.5	-2.3	217.0	216.0	216.8	-8.6	.638
320.4	12.32	9.40	310.8	-2.1	215.3	214.3	215.2	-7.9	.633
336.5	12.30	9.43	311.8	-2.5	214.3	213.2	214.1	-9.2	.629
350.9	12.28	9.39	312.3	-2.9	215.2	214.0	214.9	-10.8	.631

(i-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.0	12.39	9.40	311.9	-2.8	218.0	216.9	217.8	-10.6	.641
22.8	12.42	9.43	311.4	-2.5	217.6	216.5	217.4	-9.5	.640
35.9	12.40	9.42	312.1	-2.8	217.4	216.2	217.1	-10.7	.638
48.0	12.39	9.40	312.3	-2.8	218.5	217.3	218.2	-10.5	.642
67.9	12.37	9.42	312.1	-2.8	216.7	215.5	216.4	-10.7	.636
80.6	12.39	9.47	312.5	-2.5	215.5	214.4	215.3	-9.3	.632
96.2	12.36	9.47	312.2	-2.7	214.5	213.3	214.2	-10.1	.629
111.9	12.45	9.49	313.3	-2.6	216.8	215.7	216.6	-9.7	.635
124.3	12.44	9.52	312.4	-2.7	214.8	213.7	214.6	-10.2	.630
140.1	12.46	9.53	312.0	-2.6	214.9	213.8	214.7	-9.7	.631
156.3	12.47	9.50	311.8	-2.7	216.5	215.4	216.3	-10.2	.636
170.8	12.44	9.47	310.6	-2.2	216.3	215.2	216.1	-8.1	.636
187.0	12.51	9.51	311.1	-2.1	217.2	216.2	217.1	-8.1	.639
202.8	12.49	9.53	311.2	-2.1	215.6	214.5	215.4	-7.9	.634
215.9	12.46	9.53	311.3	-2.3	214.9	213.8	214.7	-8.4	.631
228.0	12.47	9.50	311.6	-2.2	216.4	215.4	216.3	-8.3	.636
247.9	12.46	9.40	311.8	-2.3	220.2	219.1	220.1	-8.6	.648
260.6	12.41	9.38	311.4	-2.4	219.3	218.2	219.1	-9.0	.645
276.2	12.39	9.38	311.2	-2.5	218.7	217.6	218.5	-9.4	.643
291.9	12.44	9.40	311.3	-2.4	219.6	218.5	219.4	-9.1	.646
304.3	12.41	9.42	311.1	-2.5	217.3	216.2	217.1	-9.5	.639
320.1	12.42	9.44	310.2	-2.2	217.0	215.9	216.8	-8.3	.639
336.3	12.43	9.40	311.1	-2.4	219.0	217.9	218.8	-9.0	.645
350.8	12.35	9.37	311.7	-2.8	217.8	216.6	217.5	-10.4	.640

TABLE IV. - Continued.

(i) Continued.

(i-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	12.36	9.37	310.7	-3.0	218.1	216.9	217.8	-11.3	.642
23.8	12.35	9.35	310.3	-2.9	218.0	216.8	217.8	-10.9	.643
36.7	12.39	9.36	310.7	-2.9	219.3	218.1	219.1	-11.0	.646
49.7	12.36	9.34	310.8	-3.1	219.2	217.9	218.9	-11.7	.646
69.0	12.36	9.37	311.2	-2.9	218.3	217.1	218.0	-11.0	.642
81.9	12.38	9.37	310.8	-2.7	218.5	217.4	218.3	-10.2	.644
96.3	12.41	9.38	311.5	-2.8	219.4	218.2	219.1	-10.7	.646
111.9	12.45	9.40	312.5	-2.7	220.1	218.9	219.9	-10.2	.647
124.6	12.45	9.42	310.8	-2.9	218.9	217.7	218.6	-10.9	.645
132.8	12.48	9.42	310.9	-2.7	219.8	218.6	219.6	-10.2	.647
156.5	12.49	9.43	311.0	-2.5	219.7	218.5	219.5	-9.7	.647
168.1	12.43	9.43	309.9	-2.3	217.2	216.1	217.0	-8.9	.640
187.9	12.44	9.47	310.0	-2.4	216.2	215.0	216.0	-9.0	.637
203.8	12.44	9.46	310.2	-2.5	216.6	215.4	216.4	-9.3	.638
216.7	12.43	9.46	310.2	-2.5	216.0	214.9	215.8	-9.3	.636
229.7	12.42	9.45	310.3	-2.6	216.3	215.1	216.1	-9.8	.637
249.0	12.43	9.30	310.7	-2.6	222.6	221.4	222.4	-10.1	.657
261.9	12.40	9.29	310.5	-2.7	222.1	220.9	221.9	-10.4	.655
276.3	12.42	9.29	310.6	-2.8	222.7	221.4	222.4	-10.7	.657
291.9	12.43	9.31	310.2	-2.7	222.3	221.1	222.0	-10.6	.656
304.6	12.44	9.32	310.3	-2.6	222.2	221.0	222.0	-10.2	.656
312.8	12.43	9.32	309.7	-2.7	221.6	220.4	221.4	-10.3	.655
336.5	12.42	9.34	309.6	-2.7	220.8	219.6	220.5	-10.3	.652
348.1	12.35	9.34	310.4	-2.9	218.7	217.5	218.4	-11.0	.644

(i-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
9.7	12.31	9.25	309.0	-2.9	220.7	219.4	220.5	-11.1	.653
24.9	12.31	9.25	309.0	-2.7	220.7	219.4	220.4	-10.5	.652
26.1	12.33	9.25	309.0	-2.6	221.1	219.8	220.9	-9.9	.654
49.9	12.29	9.26	308.9	-2.9	219.8	218.5	219.5	-11.1	.650
69.5	12.30	9.32	308.9	-2.9	217.4	216.1	217.1	-10.8	.642
82.3	12.30	9.38	308.9	-2.8	215.1	213.8	214.8	-10.3	.635
97.3	12.31	9.39	309.3	-2.8	215.0	213.7	214.8	-10.5	.634
112.8	12.35	9.38	309.5	-2.9	216.9	215.6	216.6	-10.8	.640
124.9	12.37	9.38	309.1	-2.8	217.3	216.0	217.0	-10.7	.641
140.3	12.37	9.37	309.4	-2.8	217.7	216.4	217.4	-10.5	.642
156.6	12.38	9.36	309.1	-2.8	218.5	217.2	218.2	-10.6	.645
174.0	12.32	9.35	308.3	-3.2	216.9	215.5	216.5	-12.1	.641
189.7	12.37	9.34	308.6	-3.4	218.5	217.1	218.2	-12.8	.646
204.9	12.36	9.34	308.9	-3.2	218.5	217.1	218.1	-12.3	.645
206.1	12.34	9.34	308.8	-3.3	217.7	216.3	217.3	-12.5	.643
229.9	12.34	9.36	309.0	-3.3	217.0	215.6	216.7	-12.5	.641
249.5	12.31	9.30	308.9	-3.3	218.3	216.9	217.9	-12.7	.645
262.3	12.28	9.29	308.8	-3.4	218.2	216.8	217.9	-12.9	.645
277.3	12.30	9.30	308.5	-3.4	218.3	216.9	217.9	-12.8	.645
292.8	12.28	9.28	307.9	-3.4	218.3	216.9	217.9	-12.9	.646
304.9	12.31	9.28	308.4	-3.4	219.3	217.8	218.9	-12.9	.649
320.3	12.27	9.27	307.8	-3.4	218.1	216.7	217.7	-12.9	.646
336.6	12.32	9.26	307.9	-3.4	220.1	218.7	219.7	-13.1	.652
354.0	12.30	9.25	308.9	-2.7	220.3	219.0	220.1	-10.1	.651

TABLE IV. - Concluded.

(i) Concluded.

(i-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	12.59	11.40	307.5	15.0	131.3	125.7	126.9	33.7	.379
24.6	12.56	11.30	307.5	15.0	135.2	129.5	130.7	34.7	.391
43.6	12.55	11.40	307.4	15.0	129.1	123.6	124.8	33.1	.372
56.1	12.56	11.24	307.5	15.0	139.2	133.2	134.5	35.7	.402
72.4	12.56	11.43	307.4	15.0	128.3	122.8	124.0	32.9	.370
87.4	12.57	11.34	307.4	15.0	134.0	128.3	129.5	34.3	.387
100.0	12.63	11.23	307.4	15.0	142.7	136.6	137.9	36.6	.413
116.1	12.61	11.44	307.3	15.0	130.0	124.4	125.6	33.3	.375
132.7	12.65	11.24	307.4	15.0	143.4	137.3	138.6	36.8	.415
326.5	12.58	11.41	307.6	15.0	130.4	124.8	126.0	33.4	.376
342.3	12.56	11.32	307.6	15.0	134.8	129.1	130.3	34.6	.389
358.8	12.55	11.36	307.5	15.0	132.1	126.4	127.7	33.8	.381

(i-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
56.4	12.80	11.09	308.4	12.0	157.5	152.9	154.1	32.4	.457
72.2	12.79	11.20	308.4	12.0	151.8	147.4	148.6	31.2	.440
88.7	12.81	11.17	308.3	12.0	154.4	149.9	151.1	31.8	.447
101.9	12.79	11.09	308.3	12.0	157.6	153.0	154.2	32.5	.457
114.5	12.79	11.21	308.2	12.0	151.6	147.2	148.3	31.2	.439
133.5	12.80	11.09	308.2	12.0	157.7	153.1	154.3	32.5	.457
146.0	12.84	11.10	308.2	12.0	158.7	154.1	155.3	32.7	.460
162.3	12.85	11.11	308.6	12.0	159.0	154.4	155.6	32.7	.461
177.3	12.86	11.10	309.2	12.0	159.8	155.2	156.4	32.9	.463
189.9	12.85	11.09	309.4	12.0	160.1	155.5	156.7	33.0	.464
206.0	12.84	11.09	309.6	12.0	159.6	155.0	156.2	32.9	.462
222.6	12.82	11.09	309.5	12.0	158.7	154.1	155.3	32.7	.460

(i-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
13.0	13.35	10.96	314.8	6.9	186.0	183.3	184.7	22.3	.538
29.6	13.35	10.95	314.7	6.9	186.6	183.9	185.3	22.3	.540
223.4	13.32	10.97	315.3	6.9	184.8	182.1	183.5	22.1	.534
239.2	13.27	10.95	315.1	6.9	184.1	181.4	182.8	22.0	.532
255.7	13.28	11.00	314.9	6.9	182.1	179.5	180.8	21.7	.526
268.9	13.28	10.98	315.0	6.9	183.0	180.3	181.7	21.9	.528
281.5	13.27	10.94	315.2	6.9	184.4	181.8	183.1	22.0	.533
300.5	13.30	10.98	315.3	6.9	183.6	180.9	182.2	21.9	.530
313.0	13.29	10.94	315.1	6.9	185.0	182.3	183.6	22.1	.534
329.3	13.32	10.97	315.0	6.9	184.9	182.2	183.5	22.1	.534
344.3	13.32	10.97	314.9	6.9	185.1	182.4	183.7	22.1	.535
356.9	13.34	10.97	314.9	6.9	185.7	183.0	184.3	22.2	.537

TABLE V. - DISTRIBUTION OF PARAMETERS FOR STAGE 65B WITH

S-DUCT AND FLIGHT LIP INLET

[97 Percent of design speed.]

(a) Reading 1401-1532

(a-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	9.08	8.13	287.7	2.0	134.0	133.9	133.9	4.7	.400
25.3	9.89	8.17	289.5	-4.6	176.1	175.5	175.5	-14.0	.531
37.7	9.89	8.16	290.1	-10.3	176.1	173.2	173.2	-31.6	.530
57.2	9.52	8.25	288.9	-18.7	152.7	144.6	144.6	-49.0	.457
69.4	9.57	8.36	288.4	-15.3	147.7	142.5	142.5	-38.9	.442
85.4	9.59	8.41	289.1	-13.2	146.5	142.6	142.6	-33.5	.438
100.5	9.67	8.43	288.1	-11.3	149.4	146.5	146.5	-29.4	.448
113.0	9.72	8.45	287.6	-11.0	150.6	147.9	147.9	-28.7	.452
128.7	9.97	8.51	287.6	-11.0	160.0	157.0	157.0	-30.4	.481
143.9	9.96	8.50	288.4	-7.0	160.0	158.8	158.8	-19.6	.481
163.3	10.04	8.56	288.4	-7.7	160.9	159.5	159.5	-21.5	.484
179.2	10.12	8.59	288.2	-2.8	163.0	162.8	162.8	-7.9	.490
195.3	10.16	8.59	289.0	1.6	165.1	165.0	165.0	4.7	.496
208.3	10.05	8.57	237.5	5.1	160.2	159.6	159.6	14.1	.482
220.7	10.01	8.54	288.1	8.1	159.9	158.3	158.3	22.6	.481
240.2	9.82	8.49	287.9	9.7	153.4	151.2	151.2	25.8	.460
252.4	9.87	8.42	287.4	8.8	160.2	158.3	158.3	24.5	.482
268.4	9.73	8.34	287.8	9.1	157.8	155.9	155.9	24.9	.475
283.5	9.66	8.31	287.3	11.2	156.2	153.2	153.2	30.3	.470
296.0	9.58	8.28	287.1	12.6	153.6	149.9	150.0	33.4	.462
311.7	9.59	8.22	287.2	16.9	157.8	151.0	151.0	45.7	.475
326.9	9.66	8.18	288.0	12.7	163.9	159.9	159.9	36.0	.493
340.3	9.47	8.15	289.7	4.6	156.6	156.1	156.1	12.5	.469
356.2	9.10	8.11	288.3	-2.8	137.2	137.0	137.0	-6.6	.410

(a-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.4	9.55	8.13	288.2	2.3	161.0	160.9	160.9	6.6	.484
24.9	10.10	8.16	289.6	-2.0	185.6	185.5	185.5	-6.4	.561
37.4	9.87	8.16	289.7	-8.5	175.3	173.3	173.4	-26.0	.528
56.7	9.66	8.26	289.7	-12.4	159.5	155.7	155.8	-34.2	.478
69.4	9.78	8.31	289.8	-9.0	162.9	160.9	160.9	-25.6	.489
84.8	9.70	8.38	289.3	-8.4	154.3	152.6	152.6	-22.5	.462
100.1	9.73	8.38	289.2	-8.2	155.7	154.1	154.2	-22.1	.467
112.7	9.69	8.43	287.7	-6.2	150.2	149.3	149.3	-16.3	.451
128.3	9.94	8.48	287.6	-12.7	159.9	156.0	156.0	-35.0	.481
143.8	9.93	8.51	288.4	-5.8	158.0	157.1	157.2	-15.9	.474
156.6	10.01	8.53	288.3	-6.1	161.0	160.1	160.1	-17.0	.484
179.2	10.16	8.57	287.7	-2.5	165.7	165.5	165.5	-7.3	.499
195.4	10.24	8.57	288.3	1.6	169.4	169.4	169.4	4.8	.511
207.9	10.14	8.56	288.0	3.4	165.3	165.0	165.0	9.9	.498
220.4	10.07	8.52	288.2	6.4	164.1	163.0	163.0	18.3	.494
239.7	9.81	8.48	287.9	7.2	153.7	152.5	152.5	19.2	.462
252.4	9.81	8.43	287.6	6.4	156.6	155.6	155.6	17.5	.471
267.8	9.94	8.36	289.0	6.5	167.5	166.4	166.4	19.0	.504
283.1	9.74	8.31	287.8	7.2	160.2	159.0	159.0	20.1	.482
295.7	9.71	8.28	287.4	7.8	160.0	158.5	158.5	21.8	.482
311.3	9.71	8.23	286.9	10.5	163.4	160.6	160.6	29.8	.493
326.8	9.43	8.19	287.1	7.7	151.1	149.7	149.7	20.2	.454
333.6	9.52	8.16	287.8	8.1	157.4	155.8	155.8	22.3	.473
356.2	9.53	8.11	288.9	-3.9	161.7	161.3	161.3	-10.9	.486

TABLE V. - Continued.

(a) Continued.

(a-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	9.24	8.15	286.1	-0.9	142.3	142.2	142.3	-2.3	.427
24.3	10.25	8.17	289.5	-2.0	191.1	191.0	191.0	-6.5	.579
37.6	9.50	8.18	287.5	-3.3	155.7	155.4	155.4	-8.8	.468
57.2	9.54	8.22	287.3	-3.0	154.8	154.5	154.5	-8.0	.465
69.4	10.18	8.38	289.3	.7	176.9	176.9	176.9	2.2	.534
85.0	9.90	8.38	289.1	-3.5	163.9	163.6	163.6	-9.9	.493
100.0	9.93	8.41	287.6	-4.3	165.8	165.2	165.3	-12.5	.500
110.4	9.78	8.43	288.6	-5.3	155.0	154.3	154.3	-14.4	.465
128.6	9.94	8.47	287.9	-3.4	160.5	160.2	160.3	-9.5	.483
143.9	10.01	8.54	287.6	-3.4	159.8	159.5	159.6	-9.5	.481
161.9	10.08	8.57	286.8	-2.6	161.5	161.3	161.3	-7.3	.487
178.6	10.18	8.59	287.5	-5	165.5	165.5	165.5	-1.4	.499
194.5	10.27	8.59	287.5	1.3	169.4	169.3	169.3	3.8	.511
207.3	10.12	8.58	286.7	2.1	162.9	162.8	162.8	5.8	.491
220.6	10.10	8.55	287.1	3.5	164.0	163.7	163.7	10.0	.495
240.2	9.98	8.47	288.0	1.9	162.6	162.5	162.5	5.2	.489
252.4	9.95	8.41	287.8	2.2	164.3	164.1	164.2	6.2	.495
268.0	10.03	8.35	287.5	.0	171.5	171.5	171.5	.0	.518
283.0	9.99	8.32	287.2	.6	171.1	171.0	171.1	1.8	.517
293.4	10.16	8.31	288.6	-.6	180.0	180.0	180.0	-2.0	.544
311.6	9.52	8.23	285.2	2.3	152.4	152.3	152.3	6.2	.460
326.9	9.51	8.20	286.1	-1.4	154.4	154.3	154.4	-3.7	.465
338.9	9.78	8.17	288.1	-1.3	170.1	170.1	170.1	-3.7	.513
355.6	9.17	8.13	286.4	-1.4	139.1	139.1	139.1	-3.5	.417

(a-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.10	8.14	289.2	-.1	186.0	186.0	186.0	-.4	.563
25.3	10.22	8.15	289.1	.3	190.5	190.5	190.5	1.0	.577
37.6	9.92	8.17	289.4	-.2	176.9	176.8	176.9	-.6	.533
56.4	9.86	8.22	289.3	.3	171.6	171.5	171.6	.9	.518
69.7	10.26	8.38	288.5	1.0	180.3	180.2	180.3	3.0	.545
84.6	9.98	8.38	288.9	.5	168.1	168.0	168.1	1.6	.506
100.1	10.12	8.39	288.1	-2.3	173.5	173.3	173.4	-6.9	.524
112.8	10.12	8.43	288.9	-1.2	171.7	171.6	171.7	-3.4	.517
128.7	10.02	8.45	287.4	-5.0	165.5	164.8	164.9	-14.3	.499
142.0	10.25	8.49	286.2	-1.8	173.9	173.7	173.8	-5.4	.527
163.6	10.06	8.53	286.4	-.2	162.7	162.6	162.7	-.4	.491
178.9	10.21	8.55	287.3	.3	169.1	169.0	169.0	2.3	.510
195.1	10.32	8.55	287.5	1.5	173.8	173.7	173.7	4.5	.525
208.3	10.29	8.54	287.9	.2	173.4	173.3	173.4	.6	.524
220.6	10.16	8.52	287.6	.5	168.3	168.2	168.3	1.6	.508
239.4	10.14	8.44	287.2	-1.6	171.8	171.6	171.7	-4.8	.519
252.7	10.19	8.38	288.1	-1.1	177.1	177.0	177.0	-3.4	.535
267.6	10.05	8.34	287.4	-.4	173.2	173.1	173.2	-1.2	.523
283.1	10.04	8.31	286.8	-1.5	174.3	174.2	174.2	-4.6	.528
295.8	10.25	8.28	287.3	-2.3	185.0	184.8	184.8	-7.4	.561
311.7	9.91	8.22	286.7	-2.7	172.7	172.5	172.5	-8.0	.523
325.0	9.99	8.19	287.8	-1.2	178.5	178.4	178.4	-3.9	.540
340.6	10.19	8.16	289.2	-1.5	189.0	188.8	188.9	-4.8	.572
355.9	9.96	8.14	289.6	.1	180.6	180.5	180.6	.3	.545

TABLE V. - Continued.

(a) Continued.

(a-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.15	8.14	288.7	-.2	188.4	188.3	188.4	-.8	.571
24.5	10.26	8.16	288.0	-.5	191.5	191.5	191.5	-1.6	.582
37.5	10.19	8.19	289.3	.3	187.6	187.5	187.6	1.1	.568
57.0	10.09	8.23	290.1	3.3	191.9	181.5	181.6	10.4	.549
69.4	10.24	8.37	289.8	2.2	180.6	180.4	180.5	6.8	.545
85.3	9.96	8.36	288.3	-.0	168.0	168.0	168.0	-.1	.506
100.4	10.13	8.39	289.1	.8	174.6	174.5	174.6	2.3	.526
112.9	10.08	8.41	288.5	.4	170.9	170.8	170.9	1.2	.515
121.8	10.20	8.43	287.1	-.5	174.7	174.6	174.7	-1.6	.528
143.9	10.10	8.48	286.6	-.3	167.6	167.5	167.6	-.9	.506
163.3	10.03	8.52	286.4	.3	161.9	161.8	161.9	.9	.488
179.2	10.19	8.53	287.1	.2	168.9	168.9	168.9	.7	.510
195.1	10.31	8.55	288.5	1.1	174.4	174.3	174.4	3.4	.527
207.5	10.24	8.52	287.6	.2	172.3	172.2	172.3	.6	.520
220.5	10.04	8.49	287.2	-1.3	164.3	164.2	164.3	-3.7	.495
240.0	10.05	8.43	287.8	-1.5	168.0	167.9	168.0	-4.5	.507
252.4	10.11	8.37	288.3	-3.0	174.3	174.0	174.1	-9.2	.526
268.3	10.15	8.31	288.6	-2.4	179.3	179.1	179.1	-7.6	.542
283.4	10.29	8.28	287.6	-3.9	186.4	185.9	186.0	-12.7	.566
295.9	10.25	8.25	287.7	-2.9	186.0	185.7	185.8	-9.4	.564
304.8	10.16	8.23	288.7	-3.7	184.2	183.8	183.8	-11.8	.557
326.9	10.26	8.19	287.9	-1.5	189.9	189.8	189.9	-5.1	.577
340.3	10.19	8.17	288.6	-2.3	188.2	188.0	188.0	-7.6	.570
356.2	10.22	8.15	289.6	.4	191.0	190.9	191.0	1.2	.578

(a-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.5	10.18	8.14	288.3	.7	189.4	189.3	189.4	2.1	.575
25.0	10.21	8.15	288.2	.0	190.1	190.0	190.1	.1	.577
37.3	10.22	8.18	289.0	1.5	188.9	188.8	188.9	5.1	.572
56.8	10.30	8.22	289.8	2.7	190.7	190.4	190.5	8.9	.577
68.9	10.30	8.36	287.2	2.6	182.8	182.5	182.6	8.4	.554
84.7	9.96	8.37	288.8	.3	168.0	168.0	168.0	.9	.506
100.5	10.26	8.39	287.9	2.4	179.6	179.4	179.5	7.6	.543
113.0	10.24	8.42	287.5	1.8	177.4	177.2	177.3	5.6	.537
129.0	10.23	8.45	287.0	.1	175.1	175.0	175.1	.2	.530
143.8	10.28	8.47	286.3	-.6	176.0	175.9	176.0	-1.7	.534
163.0	10.08	8.50	286.4	2.6	165.2	165.0	165.0	7.5	.499
179.2	10.17	8.52	287.0	2.1	168.5	168.3	168.4	6.1	.509
195.5	10.30	8.51	287.9	1.3	175.2	175.1	175.2	3.9	.529
208.0	10.28	8.50	287.1	.7	174.5	174.4	174.5	2.1	.528
220.8	10.06	8.47	287.9	-1.9	166.4	166.2	166.3	-5.6	.501
239.8	10.21	8.42	287.8	-1.9	176.0	175.8	175.9	-5.9	.532
251.9	10.20	8.37	289.3	-1.5	179.1	179.0	179.1	-3.9	.540
267.7	10.12	8.31	288.6	-4.0	178.2	177.7	177.8	-12.5	.538
283.5	10.28	8.28	289.2	-3.3	186.5	186.1	186.2	-10.8	.564
296.0	10.29	8.26	288.2	-3.0	187.6	187.3	187.4	-9.8	.569
312.0	10.25	8.23	287.9	-3.0	187.7	187.3	187.4	-9.7	.569
326.8	10.30	8.21	287.9	-1.6	190.6	190.5	190.6	-5.2	.579
340.0	10.25	8.18	289.4	-.9	190.5	190.4	190.5	-3.0	.577
356.2	10.21	8.15	289.0	-.2	190.5	190.4	190.5	-.6	.577

TABLE V. - Continued.

(a) Continued.

(a-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.6	10.24	8.19	289.0	.0	189.5	189.5	189.5	.1	.574
24.7	10.22	8.20	288.7	1.1	187.9	187.8	187.9	3.5	.569
37.7	10.29	8.22	288.5	2.6	189.7	189.5	189.6	8.5	.575
56.7	10.30	8.25	289.7	2.6	189.3	189.0	189.1	8.7	.573
69.1	10.26	8.39	288.6	2.2	180.2	180.0	180.1	6.9	.545
84.4	10.07	8.40	289.2	2.2	171.6	171.4	171.4	6.5	.517
100.7	10.24	8.42	289.0	2.1	177.9	177.7	177.8	6.6	.537
113.0	10.27	8.44	288.6	1.3	177.9	177.8	177.9	3.9	.537
129.3	10.10	8.46	287.7	1.2	169.0	168.9	169.0	3.6	.510
143.9	10.27	8.49	286.3	-1.2	174.7	174.6	174.7	-3.7	.529
163.1	10.26	8.51	288.3	3.2	173.5	173.2	173.2	9.7	.524
179.0	10.27	8.53	288.1	2.3	173.1	172.9	172.9	6.8	.522
195.6	10.30	8.52	288.2	1.5	174.5	174.3	174.4	4.4	.527
207.7	10.17	8.51	287.5	.0	169.3	169.2	169.3	.0	.511
220.7	10.18	8.49	287.6	-2.7	170.9	170.6	170.7	-8.0	.516
239.7	10.28	8.44	288.8	-3.3	178.5	178.2	178.2	-10.2	.539
252.1	10.29	8.38	287.5	-4.4	181.7	181.1	181.2	-13.9	.551
267.4	10.30	8.32	287.6	-5.4	184.5	183.6	183.7	-17.4	.560
283.7	10.29	8.30	288.2	-4.0	185.8	185.3	185.3	-13.0	.563
296.0	10.30	8.28	287.6	-3.4	186.9	186.5	186.6	-11.0	.567
312.3	10.26	8.25	287.5	-3.1	186.8	186.4	186.5	-10.1	.567
326.9	10.30	8.23	288.2	-1.6	189.7	189.5	189.6	-5.3	.576
340.1	10.28	8.21	289.0	-1.3	190.3	190.1	190.2	-4.4	.577
356.0	10.27	8.19	289.0	-.0	190.9	190.8	190.9	-.1	.579

(a-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.20	8.22	288.8	.2	186.3	186.2	186.3	.7	.564
25.0	10.29	8.23	288.5	1.3	189.1	189.0	189.1	4.4	.574
37.5	10.27	8.24	287.9	3.0	187.4	187.1	187.2	9.6	.569
57.1	10.29	8.26	289.0	3.7	187.9	187.4	187.5	12.2	.569
62.3	10.29	8.27	289.2	4.2	187.7	187.1	187.2	13.6	.568
85.4	10.27	8.42	287.6	4.8	178.5	177.8	177.9	15.0	.540
100.8	10.29	8.44	286.7	4.6	178.3	177.6	177.7	14.2	.540
113.3	10.29	8.44	286.3	2.8	178.0	177.7	177.8	8.6	.540
129.1	10.29	8.46	286.8	2.5	177.2	177.0	177.0	7.8	.537
143.6	10.29	8.48	288.4	.9	176.3	176.2	176.3	2.9	.532
163.2	10.26	8.50	287.5	4.2	173.8	173.3	173.3	12.6	.525
179.3	10.26	8.51	287.9	2.6	173.3	173.1	173.1	7.9	.523
195.1	10.28	8.51	287.5	.5	173.8	173.7	173.8	1.5	.525
208.0	10.27	8.51	289.5	-1.3	174.7	174.5	174.6	-4.0	.526
220.5	10.27	8.50	288.8	-2.5	174.8	174.5	174.6	-7.7	.527
240.1	10.29	8.44	288.1	-5.5	178.4	177.5	177.6	-17.1	.539
245.3	10.28	8.42	288.7	-6.1	179.5	178.5	178.5	-19.1	.543
268.4	10.29	8.33	290.0	-6.0	184.9	183.9	183.9	-19.3	.558
283.8	10.29	8.31	289.9	-5.0	185.9	185.2	185.2	-16.1	.562
296.3	10.29	8.29	289.3	-4.6	186.9	186.2	186.3	-14.9	.566
312.1	10.29	8.26	289.6	-3.3	188.2	187.8	187.9	-10.8	.569
326.6	10.30	8.24	287.8	-1.7	188.6	188.4	188.5	-5.6	.572
340.2	10.29	8.22	288.8	-1.4	189.5	189.4	189.5	-4.6	.574
356.3	10.25	8.22	289.1	.2	188.5	188.4	188.5	.7	.571

TABLE V. - Continued.

(a) Continued.

(a-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.22	8.24	288.4	.1	185.9	185.9	185.9	.5	.563
24.9	10.25	8.24	288.7	1.8	187.1	186.9	187.0	5.9	.567
37.2	10.28	8.26	288.4	2.1	187.4	187.2	187.3	6.8	.568
48.2	10.28	8.27	288.1	3.6	187.1	186.6	186.7	11.6	.567
69.6	10.28	8.41	288.7	4.0	180.2	179.7	179.7	12.5	.544
84.7	10.27	8.43	289.6	5.1	178.9	178.1	178.2	15.7	.540
100.8	10.24	8.43	289.4	5.5	177.2	176.3	176.4	17.0	.534
113.4	10.28	8.44	286.9	3.6	177.9	177.5	177.6	11.0	.539
129.2	10.29	8.46	288.8	1.7	177.7	177.6	177.7	5.1	.537
143.6	10.29	8.47	287.0	1.2	176.3	176.2	176.3	3.6	.534
163.2	10.24	8.50	287.7	4.5	173.3	172.7	172.7	13.7	.523
178.7	10.28	8.51	288.2	2.9	174.2	173.9	174.0	8.8	.526
195.1	10.29	8.51	287.8	.6	174.4	174.4	174.4	1.9	.527
207.9	10.27	8.51	288.7	-.9	174.5	174.4	174.5	-2.6	.526
220.2	10.29	8.50	289.3	-2.2	175.8	175.6	175.6	-6.6	.530
231.2	10.26	8.48	287.3	-4.5	174.9	174.3	174.4	-13.8	.529
252.6	10.27	8.37	288.1	-5.2	181.0	180.2	180.3	-16.5	.548
267.7	10.27	8.32	287.9	-6.2	183.5	182.4	182.4	-19.7	.556
283.8	10.27	8.31	288.4	-6.0	184.8	183.7	183.7	-19.2	.560
296.4	10.28	8.29	287.9	-5.8	185.5	184.5	184.6	-18.7	.562
312.2	10.27	8.27	287.0	-3.5	186.2	185.8	185.9	-11.2	.566
326.6	10.28	8.25	287.5	-1.6	187.5	187.3	187.4	-5.2	.569
340.2	10.27	8.24	289.7	-1.7	188.5	188.3	188.4	-5.6	.570
355.7	10.28	8.23	289.0	-.4	188.7	188.7	183.7	-1.4	.572

(a-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	10.27	8.31	287.5	.9	184.2	184.2	184.2	2.9	.559
24.5	10.27	8.31	288.4	2.3	184.4	184.2	184.3	7.4	.558
37.4	10.26	8.32	288.2	3.7	183.6	183.1	183.2	11.8	.556
56.7	10.28	8.32	288.1	5.0	184.4	183.7	183.7	16.0	.559
69.2	10.28	8.44	288.7	7.0	178.4	177.1	177.1	21.7	.539
84.7	10.28	8.44	287.7	4.6	177.8	177.1	177.2	14.3	.538
100.3	10.28	8.45	287.8	5.4	177.6	176.7	176.8	16.8	.537
112.5	10.28	8.45	286.4	3.6	177.2	176.8	176.8	11.2	.537
128.6	10.28	8.46	288.3	3.0	177.3	177.0	177.0	9.4	.536
143.6	10.28	8.48	286.4	2.5	175.7	175.5	175.5	7.8	.532
162.9	10.28	8.50	288.2	4.3	175.2	174.7	174.7	13.3	.529
178.6	10.28	8.51	288.2	.9	174.8	174.7	174.8	2.8	.528
195.0	10.28	8.50	288.9	-.7	175.1	175.1	175.1	-2.0	.528
207.5	10.28	8.50	287.7	-2.2	175.0	174.8	174.8	-6.7	.529
220.4	10.28	8.49	287.7	-3.9	175.3	174.9	174.9	-12.0	.530
239.7	10.28	8.44	289.5	-5.6	178.5	177.6	177.7	-17.3	.538
252.2	10.28	8.38	287.5	-5.1	181.2	180.4	180.5	-16.2	.549
267.7	10.28	8.33	287.5	-7.3	184.2	182.6	182.7	-23.3	.556
283.3	10.28	8.32	287.4	-6.9	184.1	182.8	182.8	-22.1	.559
295.5	10.28	8.3	289.4	-7.6	185.2	183.6	183.6	-24.6	.560
311.6	10.28	8.30	289.0	-5.3	185.4	184.6	184.6	-17.0	.561
326.6	10.28	8.30	288.3	-3.1	185.4	185.1	185.1	-10.0	.562
339.9	10.28	8.30	290.1	-4.0	186.0	185.5	185.5	-13.0	.562
355.6	10.27	8.30	288.8	-2.4	184.8	184.6	184.7	-7.8	.559

TABLE V. - Continued.

(a) Continued.

(a-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.1	10.29	8.37	288.5	-1.4	182.3	182.3	182.3	-4.6	.552
24.5	10.29	8.37	288.8	1.5	182.1	182.1	182.1	4.6	.551
37.4	10.29	8.37	288.8	3.9	182.4	182.0	182.0	12.2	.552
56.3	10.29	8.35	287.3	7.9	182.5	180.7	180.7	25.1	.553
69.2	10.28	8.48	287.7	5.7	176.3	175.4	175.4	17.6	.533
84.4	10.28	8.47	287.1	5.7	176.1	175.2	175.2	17.5	.533
99.4	10.28	8.48	288.6	10.3	176.3	173.5	173.5	31.7	.532
112.8	10.28	8.47	286.7	6.7	175.9	174.7	174.7	20.5	.533
128.5	10.28	8.48	286.6	5.5	175.7	174.9	174.9	16.8	.532
143.6	10.28	8.49	286.2	3.7	174.9	174.5	174.5	11.3	.530
163.0	10.29	8.51	289.1	5.2	175.0	174.3	174.3	15.7	.527
178.6	10.29	8.52	288.7	1.2	174.5	174.5	174.5	3.6	.526
195.1	10.29	8.52	287.6	-1.4	174.4	174.3	174.3	-4.2	.527
207.5	10.29	8.51	288.7	-2.6	175.0	174.9	174.9	-7.8	.528
220.4	10.29	8.49	287.9	-3.9	175.5	175.1	175.1	-11.8	.530
239.3	10.29	8.45	287.7	-5.0	177.8	177.1	177.1	-15.4	.538
252.2	10.28	8.38	287.7	-6.5	181.1	179.9	180.0	-20.5	.549
267.4	10.28	8.34	287.9	-7.6	183.4	181.8	181.9	-24.1	.556
282.4	10.28	8.33	289.7	-8.9	184.4	182.1	182.1	-28.6	.557
295.8	10.28	8.32	289.0	-8.0	184.4	182.6	182.6	-25.6	.558
311.5	10.28	8.32	288.7	-7.5	184.4	182.8	182.8	-24.1	.558
326.6	10.28	8.33	289.9	-4.5	184.2	183.6	183.6	-14.4	.556
340.0	10.29	8.35	288.5	-5.9	183.3	182.3	182.3	-18.7	.555
355.6	10.29	8.36	289.1	-4.8	183.0	182.3	182.3	-15.3	.553

(a-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	9.38	7.88	288.1	7.7	167.8	166.3	166.3	22.5	.506
21.0	9.50	7.90	288.0	6.6	172.4	171.3	171.3	19.8	.521
33.4	9.45	7.89	287.9	3.8	170.7	170.3	170.3	11.2	.515
52.9	9.53	7.87	288.9	3.0	175.7	175.4	175.4	9.1	.530
65.1	9.23	7.90	287.9	-3	158.8	158.7	158.8	-9	.477
81.1	9.49	7.92	288.4	1.5	170.4	170.3	170.4	4.4	.514
96.2	9.55	7.97	288.1	1.6	170.9	170.8	170.9	4.8	.516
108.7	9.58	8.00	287.2	2.4	170.2	170.1	170.1	7.1	.514
124.4	9.57	8.02	287.1	2.3	168.3	168.1	168.2	6.7	.508
139.6	9.71	8.05	287.1	3.2	173.2	172.9	172.9	9.7	.524
164.1	9.75	8.04	287.9	-1.8	176.1	176.0	176.0	-5.5	.532
180.0	9.87	8.12	288.3	-4	177.0	176.9	177.0	1.2	.535
196.1	10.00	8.13	288.9	1.2	182.6	182.5	182.6	3.8	.552
209.1	10.03	8.13	288.6	2.0	183.9	183.8	183.8	6.4	.557
221.5	10.01	8.10	288.7	2.8	184.3	184.1	184.1	8.9	.558
241.0	9.81	8.07	288.3	4.3	177.2	176.7	176.7	13.3	.535
252.2	9.71	8.06	287.9	4.1	173.3	172.9	172.9	12.4	.523
269.2	9.64	8.06	287.8	4.3	170.1	169.6	169.7	12.6	.513
284.3	9.60	8.04	287.9	5.0	169.1	168.5	168.5	14.6	.510
296.8	9.56	8.02	287.5	5.7	168.3	167.4	167.4	16.6	.508
312.5	9.53	7.99	287.5	5.7	168.7	167.8	167.8	16.8	.509
327.7	9.42	7.95	288.0	6.8	165.7	164.5	164.5	19.6	.499
336.0	9.24	7.93	287.6	12.0	157.2	153.7	153.7	32.7	.473
351.9	9.49	7.92	288.7	10.2	170.6	167.9	167.9	30.1	.514

TABLE V. - Continued.

(a) Continued.

(a-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.1	9.53	7.88	287.6	6.6	174.8	173.6	173.6	19.9	.528
20.6	9.76	7.89	288.2	5.9	184.8	183.8	183.8	18.8	.560
33.1	9.56	7.89	287.2	5.0	175.2	174.5	174.5	15.2	.530
52.4	9.53	7.89	287.9	3.8	174.0	173.6	173.6	11.4	.525
65.1	9.36	7.90	287.6	2.2	165.2	165.0	165.0	6.4	.498
80.5	9.69	7.96	288.4	3.6	178.3	177.9	178.0	11.2	.539
95.8	9.67	7.95	288.0	3.8	177.4	177.0	177.0	11.9	.536
108.4	9.74	7.96	287.5	3.6	179.9	179.5	179.6	11.4	.545
124.0	9.68	7.98	286.8	2.8	175.7	175.5	175.5	8.5	.532
139.5	9.80	8.02	287.0	3.5	179.4	179.1	179.1	10.9	.544
157.4	9.88	8.04	287.9	-3	182.0	182.0	182.0	-2.8	.551
180.0	9.96	8.11	288.2	-6	181.8	181.8	181.8	-2.0	.550
196.2	10.11	8.13	288.4	.6	187.0	186.9	186.9	2.1	.567
208.7	10.11	8.13	288.6	1.6	187.0	187.0	187.0	5.2	.567
221.2	10.08	8.12	288.6	2.1	186.3	186.2	186.2	6.9	.564
240.5	9.88	8.06	288.4	3.1	180.7	180.4	180.4	9.8	.546
253.2	9.77	8.04	288.1	2.5	176.8	176.6	176.6	7.7	.534
268.6	9.74	8.03	287.9	2.6	176.4	176.2	176.2	8.1	.533
283.9	9.72	8.01	287.9	3.1	176.3	176.1	176.1	9.4	.533
296.5	9.68	8.00	287.7	2.9	174.9	174.7	174.7	9.0	.529
312.1	9.79	7.98	287.5	2.7	180.9	180.7	180.7	8.5	.548
327.6	9.57	7.94	287.8	3.0	172.9	172.7	172.7	9.1	.522
329.3	9.64	7.94	287.8	7.5	176.7	175.2	175.2	22.9	.534
351.9	9.46	7.93	287.1	7.2	168.8	167.5	167.5	21.2	.510

(a-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	9.49	7.90	286.7	5.0	171.1	170.4	170.4	15.0	.517
20.0	9.88	7.90	287.3	5.3	189.4	188.6	188.6	17.4	.576
33.3	9.62	7.94	286.5	5.2	175.0	174.2	174.2	15.8	.530
52.9	9.66	7.94	287.5	6.1	177.7	176.7	176.7	19.0	.538
65.1	9.65	7.91	287.5	6.2	178.4	177.3	177.3	19.3	.540
80.7	9.96	7.95	288.4	5.5	189.7	188.8	188.8	18.2	.575
95.7	9.78	7.96	287.4	5.8	181.7	180.8	180.8	18.5	.551
106.1	9.82	7.96	287.3	4.6	183.5	182.9	182.9	14.7	.557
124.3	9.89	7.96	287.0	4.8	185.8	185.2	185.2	15.6	.564
139.6	9.87	8.00	286.4	4.2	183.2	182.7	182.7	13.4	.556
162.7	9.83	8.04	287.1	-5	179.4	179.4	179.4	-1.5	.544
179.4	9.94	8.07	287.7	-5	182.7	182.7	182.7	-1.5	.554
195.3	10.13	8.12	288.1	-4	188.2	188.2	188.2	-1.3	.571
208.1	10.17	8.13	288.0	.2	189.4	189.4	189.4	.7	.575
221.4	10.10	8.12	287.9	.4	187.2	187.2	187.2	1.4	.568
241.0	9.83	8.06	287.5	.6	178.4	178.4	178.4	2.0	.540
253.2	9.86	8.04	287.5	.5	181.1	181.1	181.1	1.5	.549
268.8	9.87	8.02	287.5	-2	182.5	182.5	182.5	-5	.553
283.8	9.92	8.02	287.6	.0	184.7	184.7	184.7	.1	.560
294.2	9.86	8.01	287.6	-5	182.7	182.7	182.7	-1.5	.554
312.4	10.07	7.99	288.1	-9	192.4	192.4	192.4	-3.1	.585
327.7	9.88	7.95	287.9	-1.7	186.6	186.5	186.5	-5.7	.566
334.6	9.73	7.93	287.1	3.6	180.9	180.5	180.5	11.5	.548
351.3	9.56	7.94	286.9	3.7	172.9	172.5	172.5	11.0	.523

TABLE V. - Continued.

(a) Continued.

(a-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	9.99	7.89	288.0	3.5	193.9	193.5	193.5	11.9	.589
21.0	10.03	7.89	287.7	4.3	196.1	195.6	195.6	14.6	.597
33.3	10.05	7.89	287.5	3.7	196.1	195.7	195.7	12.6	.597
52.1	9.98	7.91	287.9	3.9	192.8	192.4	192.4	13.0	.586
65.4	9.90	7.90	288.0	4.8	189.9	189.2	189.2	15.8	.576
80.3	10.08	7.94	287.6	4.0	194.9	194.4	194.4	13.5	.593
95.8	9.84	7.94	287.8	4.8	185.6	185.0	185.0	15.5	.563
108.5	9.94	7.93	287.1	4.0	190.1	189.6	189.6	13.2	.578
124.4	9.89	7.92	286.9	3.7	188.2	187.8	187.8	12.0	.572
137.7	10.03	7.96	286.6	3.1	192.1	191.8	191.8	10.4	.585
164.4	9.87	7.99	286.9	-1.4	183.4	183.4	183.4	-4.4	.557
179.7	9.99	8.02	287.5	-1.5	187.4	187.3	187.3	-4.9	.569
195.9	10.18	8.07	288.3	-1.6	192.9	192.8	192.8	-5.5	.586
209.1	10.20	8.07	288.7	-1.5	194.1	194.0	194.0	-5.1	.589
221.4	10.13	8.05	288.1	-1.3	191.6	191.5	191.5	-4.4	.582
240.2	9.96	8.01	287.4	-1.9	187.0	186.9	186.9	-6.1	.568
253.5	9.94	7.99	288.2	-2.0	187.3	187.2	187.2	-6.4	.568
268.4	10.00	7.98	288.1	-2.1	190.0	189.9	189.9	-6.9	.577
283.9	10.02	7.98	287.7	-1.8	190.9	190.9	190.9	-6.0	.580
296.6	9.99	7.97	287.4	-2.1	189.8	189.7	189.7	-7.0	.577
312.5	10.14	7.96	287.7	-2.1	196.5	196.3	196.3	-7.2	.598
325.8	10.11	7.93	288.1	-3.0	196.8	196.6	196.6	-10.3	.599
336.3	10.03	7.92	288.1	2.4	194.4	194.3	194.3	8.1	.591
351.6	9.97	7.93	287.9	2.6	191.4	191.2	191.2	8.6	.582

(a-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.13	7.89	287.8	2.5	199.7	199.5	199.5	8.6	.609
20.2	10.11	7.89	286.9	2.8	198.3	198.1	198.1	9.7	.605
33.2	10.11	7.91	287.2	2.7	197.8	197.5	197.6	9.3	.603
52.7	10.09	7.91	288.1	3.1	197.3	197.0	197.0	10.7	.600
65.1	10.04	7.92	288.1	3.7	194.8	194.4	194.4	12.4	.592
81.0	10.09	7.94	287.5	2.9	195.5	195.2	195.2	9.8	.595
96.1	9.86	7.93	287.4	2.9	186.8	186.5	186.5	9.6	.567
108.6	9.92	7.91	287.4	2.8	189.9	189.7	189.7	9.2	.577
117.5	10.04	7.91	287.2	2.6	194.8	194.6	194.6	8.7	.593
139.6	10.09	7.95	286.3	2.6	194.6	194.4	194.4	8.9	.594
164.1	9.91	7.98	286.8	-2.3	185.8	185.6	185.6	-7.5	.565
180.6	10.00	8.02	287.7	-2.4	188.1	187.9	187.9	-7.7	.571
195.9	10.20	8.04	288.7	-2.6	195.2	195.0	195.0	-8.9	.593
208.3	10.22	8.06	288.2	-2.2	195.0	194.9	194.9	-7.6	.593
221.3	10.12	8.04	287.8	-2.1	192.1	191.9	191.9	-7.1	.584
240.8	10.03	8.00	287.9	-3.0	189.9	189.6	189.6	-9.8	.576
255.2	10.05	7.98	288.1	-3.2	192.0	191.6	191.7	-10.7	.583
269.1	10.13	7.96	288.7	-3.2	196.5	196.2	196.2	-11.1	.597
284.2	10.09	7.94	288.0	-2.9	195.6	195.3	195.3	-9.7	.595
296.7	10.06	7.94	287.6	-3.2	194.6	194.3	194.3	-10.9	.592
305.6	10.17	7.94	287.9	-2.7	198.8	198.6	198.6	-9.7	.606
327.7	10.19	7.93	287.9	-3.5	199.9	199.5	199.5	-12.2	.609
336.0	10.12	7.92	287.9	1.5	198.0	197.9	197.9	5.2	.603
351.9	10.15	7.90	287.7	1.7	199.5	199.4	199.4	5.9	.608

TABLE V. - Continued.

(a) Continued.

(a-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.2	10.15	7.89	287.2	2.0	200.0	199.8	199.9	6.9	.610
20.7	10.13	7.90	286.8	1.9	198.9	198.8	198.8	6.5	.607
33.5	10.14	7.89	286.9	1.7	199.6	199.5	199.5	5.8	.609
52.5	10.18	7.90	288.0	1.8	201.1	200.9	201.0	6.3	.613
64.6	10.16	7.92	287.3	2.3	199.0	198.9	198.9	7.9	.607
80.4	10.16	7.95	287.4	2.0	198.0	197.8	197.8	7.1	.603
96.2	9.93	7.93	287.2	1.8	189.4	189.3	189.3	5.9	.576
108.7	9.93	7.92	287.4	1.6	190.2	190.1	190.1	5.3	.578
124.7	10.06	7.93	286.5	1.9	194.5	194.4	194.4	6.3	.593
139.5	10.09	7.96	286.5	1.6	194.1	194.0	194.1	5.6	.592
163.8	9.99	7.99	287.4	-2.9	189.2	189.0	189.0	-9.5	.575
180.0	10.11	8.02	287.9	-2.7	192.5	192.3	192.3	-9.0	.585
196.3	10.21	8.04	288.6	-3.1	195.4	195.1	195.2	-10.5	.594
208.8	10.21	8.03	287.9	-3.0	195.7	195.4	195.5	-10.2	.596
221.6	10.11	8.03	288.0	-2.9	192.1	191.8	191.8	-9.9	.584
240.6	10.07	7.99	288.3	-3.6	192.2	191.8	191.8	-12.0	.584
252.7	10.14	7.97	288.5	-3.9	196.2	195.7	195.7	-13.3	.596
268.5	10.12	7.96	288.9	-3.6	196.1	195.7	195.7	-12.4	.596
284.3	10.11	7.95	287.7	-3.6	195.9	195.5	195.5	-12.2	.596
296.8	10.10	7.94	287.6	-3.6	196.1	195.7	195.7	-12.3	.597
312.8	10.15	7.94	288.1	-3.8	197.8	197.4	197.4	-13.2	.602
327.6	10.19	7.92	287.7	-3.9	200.2	199.8	199.8	-13.5	.610
335.7	10.16	7.91	288.0	1.2	200.0	199.9	199.9	4.1	.609
351.9	10.17	7.90	287.7	1.2	200.5	200.4	200.4	4.1	.611

(a-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.3	10.19	7.92	287.1	.6	200.3	200.2	200.3	2.1	.611
20.4	10.17	7.92	287.1	.5	199.7	199.6	199.7	1.9	.609
33.4	10.17	7.91	287.0	.3	199.9	199.8	199.9	1.1	.610
52.4	10.21	7.92	287.4	.5	201.0	200.9	201.0	1.6	.613
64.8	10.21	7.94	286.8	.6	199.8	199.7	199.8	2.0	.610
80.1	10.15	7.96	287.5	.6	197.6	197.5	197.6	2.1	.602
96.4	10.08	7.95	287.4	.0	194.7	194.6	194.7	.1	.593
108.7	10.00	7.94	287.0	.1	191.6	191.5	191.6	.4	.583
125.0	10.14	7.95	286.9	.2	196.9	196.8	196.9	.6	.600
139.6	10.19	7.97	285.6	-.1	197.3	197.2	197.3	-.5	.603
163.9	10.10	8.00	287.7	-4.6	192.8	192.1	192.2	-15.6	.586
179.8	10.16	8.02	288.7	-5.2	194.9	194.0	194.0	-17.7	.592
196.4	10.22	8.03	288.7	-5.5	196.7	195.7	195.8	-18.9	.598
208.5	10.23	8.04	288.0	-5.2	196.4	195.5	195.6	-17.8	.597
221.5	10.20	8.02	288.5	-5.5	195.9	194.9	195.0	-18.6	.595
240.5	10.19	8.00	288.3	-5.7	196.7	195.6	195.7	-19.7	.598
252.9	10.20	7.98	288.1	-5.5	197.7	196.7	196.8	-19.0	.602
268.2	10.20	7.98	288.5	-5.7	198.4	197.3	197.4	-19.8	.603
284.5	10.20	7.96	288.5	-5.8	198.9	197.8	197.9	-20.0	.605
296.8	10.20	7.95	288.0	-5.8	199.1	198.0	198.1	-20.0	.607
313.1	10.20	7.95	287.7	-5.8	199.1	198.0	198.1	-20.2	.607
327.7	10.21	7.94	287.4	-5.6	199.8	198.8	198.9	-19.4	.610
335.8	10.20	7.94	287.3	.4	200.0	199.9	200.0	1.3	.610
351.7	10.21	7.92	287.1	.2	200.7	200.6	200.7	.7	.613

TABLE V. - Continued.

(a) Continued.

(a-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.17	7.93	287.1	-1.3	198.9	198.6	198.8	-4.4	.607
20.7	10.16	7.94	286.9	-1.4	197.9	197.6	197.8	-4.8	.604
33.2	10.17	7.95	286.8	-1.3	197.9	197.6	197.9	-4.5	.604
52.8	10.20	7.96	287.1	-1.1	198.7	198.5	198.7	-3.7	.606
58.0	10.20	7.95	287.0	-1.3	198.9	198.6	198.8	-4.4	.607
81.1	10.19	7.98	286.6	-1.0	197.2	197.0	197.2	-3.4	.602
96.5	10.15	7.97	287.0	-1.1	196.4	196.1	196.3	-3.8	.599
109.0	10.16	7.97	286.3	-1.2	196.3	196.1	196.3	-4.1	.599
124.8	10.20	7.99	285.7	-1.2	196.7	196.4	196.6	-4.3	.601
139.3	10.20	7.99	286.3	-1.8	196.8	196.5	196.7	-6.3	.601
164.0	10.17	8.00	288.2	-5.5	195.8	194.4	194.6	-21.4	.595
180.1	10.20	8.02	288.6	-6.3	196.4	195.0	195.2	-21.7	.597
195.9	10.22	8.03	288.3	-6.4	196.4	195.0	195.2	-21.8	.597
208.8	10.22	8.05	288.1	-6.5	195.5	194.0	194.2	-22.1	.595
221.3	10.21	8.05	287.8	-6.6	194.7	193.2	193.5	-22.3	.592
240.9	10.21	8.02	288.8	-6.6	196.8	195.3	195.5	-22.7	.598
246.1	10.21	8.01	288.5	-6.6	197.2	195.7	195.9	-22.8	.600
269.2	10.22	7.98	288.2	-6.6	198.6	197.1	197.3	-22.9	.605
284.6	10.21	7.97	289.1	-6.8	199.2	197.6	197.8	-23.6	.605
297.1	10.21	7.96	288.3	-6.7	199.5	197.9	198.1	-23.4	.607
312.9	10.21	7.96	288.4	-6.7	199.5	197.9	198.1	-23.2	.607
327.4	10.22	7.95	288.0	-6.6	199.8	198.3	198.5	-22.8	.609
335.9	10.20	7.95	287.2	-1.5	199.3	199.0	199.3	-5.2	.608
352.0	10.20	7.93	287.7	-1.3	200.1	199.8	200.0	-4.4	.610

(a-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.19	7.95	286.9	-2.1	198.4	198.0	198.3	-7.4	.606
20.6	10.16	7.96	286.7	-2.1	197.2	196.8	197.1	-7.1	.602
32.9	10.18	7.96	286.6	-2.2	197.9	197.5	197.8	-7.5	.604
43.9	10.18	7.97	286.7	-2.0	197.2	196.8	197.1	-6.8	.602
65.3	10.19	7.98	287.3	-1.9	197.3	196.8	197.1	-6.6	.601
80.4	10.18	7.99	286.9	-1.9	196.0	195.6	195.9	-6.4	.598
96.5	10.18	7.98	286.7	-1.8	196.5	196.1	196.4	-6.1	.600
109.1	10.16	7.98	286.1	-2.1	195.6	195.1	195.4	-7.1	.597
124.9	10.17	7.98	286.1	-2.2	196.4	195.9	196.2	-7.5	.600
139.3	10.19	7.99	286.2	-2.4	196.5	196.0	196.3	-8.3	.600
164.0	10.20	8.01	288.3	-6.9	196.4	194.6	195.0	-23.4	.597
179.5	10.22	8.03	288.5	-7.2	196.5	194.7	195.0	-24.4	.598
195.9	10.23	8.04	288.7	-7.3	196.3	194.4	194.7	-24.7	.596
208.7	10.23	8.05	288.5	-7.2	195.6	193.7	194.0	-24.6	.594
221.0	10.22	8.06	288.5	-7.2	195.2	193.4	193.7	-24.4	.593
232.0	10.21	8.05	288.1	-7.2	195.0	193.2	193.5	-24.3	.593
253.4	10.22	8.01	288.3	-7.3	197.6	195.7	196.0	-25.1	.601
268.5	10.22	7.99	288.5	-7.2	198.5	196.7	197.0	-24.9	.604
284.6	10.23	7.98	288.5	-7.3	199.0	197.0	197.3	-25.4	.605
297.2	10.22	7.98	288.3	-7.3	199.1	197.2	197.5	-25.4	.606
313.0	10.23	7.97	288.1	-7.2	199.5	197.7	198.0	-24.9	.608
327.4	10.22	7.96	287.7	-7.2	199.6	197.7	198.0	-25.1	.608
335.9	10.20	7.96	287.2	-2.3	198.8	198.3	198.6	-7.9	.606
351.4	10.20	7.96	287.2	-2.3	198.9	198.4	198.8	-7.9	.607

TABLE V. - Continued.

(a) Continued.

(a-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	10.19	8.03	287.0	-5.9	194.6	192.5	193.6	-19.9	.593
20.2	10.18	8.03	286.9	-6.1	194.1	192.0	193.0	-20.4	.591
33.1	10.18	8.04	286.8	-5.8	193.9	191.9	192.9	-19.4	.591
52.4	10.18	8.04	286.9	-5.7	193.5	191.6	192.6	-19.1	.590
64.9	10.18	8.05	286.8	-5.7	193.4	191.4	192.5	-19.0	.589
80.4	10.17	8.05	286.8	-5.9	192.9	190.9	191.9	-19.6	.588
96.0	10.17	8.04	286.6	-5.7	193.4	191.4	192.4	-19.1	.589
108.2	10.16	8.04	286.7	-5.9	193.2	191.1	192.2	-19.8	.589
124.3	10.16	8.04	286.0	-6.1	192.7	190.5	191.6	-20.4	.588
139.3	10.18	8.05	285.6	-6.3	192.8	190.6	191.7	-21.2	.589
163.7	10.18	8.06	289.1	-10.8	193.5	189.1	190.1	-36.0	.587
179.4	10.18	8.07	287.8	-11.0	192.7	188.1	189.2	-36.6	.586
195.8	10.19	8.09	288.3	-11.3	192.2	187.5	188.5	-37.4	.584
208.3	10.19	8.10	288.1	-10.9	192.1	187.6	188.6	-36.2	.583
221.2	10.19	8.10	287.9	-10.8	191.8	187.4	188.5	-35.7	.583
240.5	10.19	8.08	287.9	-10.9	192.8	188.3	189.3	-36.3	.586
253.0	10.19	8.06	287.7	-11.0	193.6	189.1	190.1	-36.7	.589
268.5	10.18	8.05	289.3	-11.1	194.5	189.8	190.8	-37.3	.590
284.1	10.18	8.04	288.8	-11.0	194.7	190.2	191.2	-36.8	.591
296.3	10.18	8.03	288.4	-10.9	194.9	190.4	191.4	-36.8	.592
312.4	10.19	8.03	288.3	-10.8	195.1	190.7	191.7	-36.3	.593
327.4	10.19	8.03	288.2	-10.9	195.1	190.6	191.6	-36.6	.593
335.6	10.19	8.04	287.4	-6.2	194.7	192.5	193.6	-20.7	.593
351.3	10.19	8.03	287.2	-6.1	194.7	192.5	193.6	-20.7	.593

(a-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.00	8.18	286.7	-13.6	179.2	171.5	174.3	-41.6	.543
20.2	10.00	8.19	286.7	-13.2	178.8	171.5	174.3	-40.1	.542
33.1	10.02	8.19	286.6	-12.7	179.5	172.4	175.2	-39.0	.544
52.0	9.98	8.19	286.1	-11.6	177.7	171.4	174.2	-35.2	.539
64.9	9.99	8.20	286.0	-11.7	177.5	171.1	173.9	-35.5	.539
80.1	9.98	8.21	285.9	-11.0	176.6	170.6	173.4	-33.2	.536
95.1	9.96	8.20	285.3	-11.5	176.2	170.0	172.8	-34.5	.534
108.5	10.00	8.20	285.7	-11.1	177.9	171.9	174.7	-33.8	.540
124.2	9.99	8.19	286.2	-11.6	178.0	171.7	174.5	-35.2	.540
139.3	9.97	8.20	285.6	-11.9	176.6	170.2	173.0	-35.8	.536
163.8	9.97	8.21	288.9	-18.2	177.1	165.8	168.5	-54.5	.535
179.4	10.11	8.22	288.4	-18.9	182.6	170.3	173.1	-58.3	.553
195.9	10.16	8.22	287.7	-19.5	184.1	171.0	173.9	-60.6	.558
208.3	10.17	8.23	288.2	-19.6	184.7	171.5	174.3	-61.0	.559
221.2	10.18	8.23	287.8	-19.6	184.6	171.5	174.3	-60.9	.560
240.1	10.18	8.21	288.0	-19.7	185.6	172.2	175.1	-61.8	.563
253.0	10.17	8.20	287.8	-20.0	186.0	172.3	175.2	-62.7	.564
268.2	10.17	8.19	287.9	-20.4	186.4	172.3	175.1	-64.0	.565
283.2	10.18	8.18	283.7	-20.4	187.2	172.9	175.8	-64.4	.567
296.6	10.18	8.18	287.7	-20.4	187.2	172.9	175.8	-64.3	.568
312.4	10.17	8.18	288.4	-20.3	187.1	173.0	175.8	-64.1	.567
327.4	10.15	8.18	288.8	-19.6	186.3	173.0	175.8	-61.7	.564
335.7	10.13	8.18	287.2	-13.8	185.1	177.0	179.9	-43.6	.562
351.3	10.09	8.18	287.0	-13.9	183.2	175.1	177.9	-43.5	.556

TABLE V. - Continued.

(a) Continued.

(a-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS. BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	17.16	13.54	355.7	56.2	216.3	120.4	120.4	179.6	.592
22.2	17.49	13.61	357.0	52.0	222.7	137.1	137.1	175.5	.609
34.4	17.26	13.56	353.9	53.3	217.8	130.1	130.1	174.7	.598
50.4	17.10	13.59	352.3	52.1	212.0	130.2	130.2	167.4	.582
65.5	17.32	13.54	357.4	51.8	220.7	136.5	136.5	173.5	.603
78.0	17.34	13.54	354.2	51.4	220.4	137.4	137.4	172.4	.605
93.7	17.27	13.60	353.6	51.7	216.4	134.1	134.1	169.8	.594
108.9	17.33	13.62	352.5	50.9	217.1	137.1	137.1	168.4	.597
133.3	17.25	13.69	355.1	51.9	213.5	131.9	131.9	167.9	.584
149.2	17.33	13.71	355.6	51.1	215.0	134.9	134.9	167.4	.588
165.3	17.45	13.69	355.2	49.4	218.6	142.4	142.4	165.9	.599
178.3	17.52	13.65	355.3	50.2	221.6	141.7	141.7	170.3	.608
190.7	17.37	13.56	353.5	50.4	220.1	140.3	140.3	169.6	.605
210.2	17.19	13.49	351.9	51.4	217.5	135.7	135.7	170.0	.599
222.4	17.17	13.51	351.7	53.1	216.4	129.9	129.9	173.0	.596
238.4	17.61	13.53	356.3	54.0	227.7	133.9	133.9	184.2	.625
253.5	17.48	13.56	355.5	54.6	223.4	129.3	129.3	182.2	.613
266.0	17.51	13.56	356.4	55.0	224.6	128.8	128.8	184.0	.616
281.7	17.40	13.57	357.6	55.7	221.8	125.0	125.0	183.2	.606
296.9	17.09	13.52	356.3	56.5	215.3	118.7	118.7	179.6	.588
305.3	17.33	13.48	353.5	55.1	221.9	126.9	126.9	182.0	.610
321.2	17.30	13.44	353.8	56.7	222.4	122.0	122.0	186.0	.612
337.3	17.16	13.44	354.0	57.2	219.0	118.6	118.6	184.1	.601
350.3	17.63	13.50	356.6	56.0	229.4	128.4	128.4	190.1	.630

(a-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.02	13.30	349.3	49.1	218.7	143.0	143.1	165.4	.605
21.7	17.37	13.39	354.0	50.0	225.8	145.1	145.2	173.0	.622
34.4	17.00	13.32	347.0	50.9	216.4	136.5	136.5	167.9	.600
49.8	16.88	13.37	348.1	50.9	212.2	133.7	133.7	164.8	.587
65.1	17.16	13.34	352.5	47.8	221.7	148.8	148.8	164.3	.611
77.7	17.20	13.29	349.9	49.4	223.4	145.4	145.4	169.7	.618
93.3	17.11	13.34	348.7	49.9	219.1	141.2	141.2	167.5	.607
108.8	17.16	13.40	348.8	48.8	218.6	143.9	143.9	164.5	.605
126.6	16.95	13.45	345.7	46.2	210.5	145.7	145.7	151.9	.584
149.2	17.02	13.47	347.6	46.1	212.6	147.5	147.5	153.2	.588
165.4	17.06	13.44	347.6	44.4	214.4	153.1	153.1	150.0	.594
177.9	16.89	13.39	345.2	44.5	210.9	150.5	150.5	147.7	.586
190.4	16.81	13.32	343.4	44.6	210.6	150.0	150.0	147.8	.586
209.7	16.68	13.25	342.1	45.6	209.3	146.6	146.6	149.4	.583
222.4	16.74	13.27	341.7	46.8	210.0	143.8	143.9	152.9	.586
237.8	16.93	13.34	345.3	46.7	213.7	146.6	146.7	155.5	.594
253.1	16.95	13.33	344.9	47.2	214.2	145.5	145.5	157.3	.596
265.7	16.90	13.31	345.4	47.5	213.9	144.6	144.6	157.6	.594
281.3	16.91	13.33	346.1	46.7	213.5	146.3	146.3	155.5	.592
296.8	16.78	13.25	346.2	47.5	212.9	143.9	144.0	156.8	.590
298.6	17.01	13.24	347.5	48.8	219.8	144.7	144.7	165.4	.610
321.2	16.85	13.21	349.1	51.1	216.9	136.3	136.3	168.8	.600
337.4	16.77	13.22	348.9	52.4	214.8	131.0	131.0	170.3	.594
349.9	17.18	13.26	350.1	51.2	223.9	140.3	140.3	174.5	.619

TABLE V. - Continued.

(a) Continued.

(a-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	17.08	13.00	345.6	48.9	228.2	150.1	150.1	171.8	.637
22.2	17.10	13.06	346.5	49.0	226.9	149.0	149.0	171.2	.632
34.4	16.90	13.07	345.4	49.8	221.7	143.2	143.3	169.2	.617
50.0	17.00	13.09	348.5	50.0	224.5	144.2	144.3	172.0	.623
65.0	17.30	13.04	350.1	50.1	233.7	149.8	149.9	179.3	.649
75.4	16.88	13.02	347.0	49.8	223.3	143.9	144.0	170.6	.620
93.6	17.31	13.07	349.4	49.8	232.6	150.0	150.0	177.8	.646
108.9	17.12	13.14	348.7	49.7	225.8	146.1	146.2	172.1	.627
131.9	17.13	13.18	344.8	47.9	223.7	150.0	150.0	165.9	.624
148.6	17.07	13.16	345.0	45.5	222.8	156.1	156.2	158.8	.621
164.5	17.08	13.16	345.5	45.0	223.1	157.6	157.7	157.9	.622
177.3	17.08	13.14	344.8	44.3	223.6	160.0	160.1	156.1	.624
190.6	16.98	13.09	343.4	43.6	222.4	161.1	161.1	153.3	.621
210.2	16.70	13.00	341.5	45.0	217.7	153.9	154.0	153.9	.609
222.4	16.88	13.03	341.9	45.5	221.4	155.3	155.3	157.8	.620
238.0	16.94	13.01	344.7	45.0	224.5	158.6	158.7	158.8	.626
253.0	16.88	13.01	343.6	44.9	222.4	157.4	157.5	157.1	.621
263.4	16.91	13.02	345.3	46.0	223.6	155.4	155.5	160.7	.623
281.6	16.96	13.07	345.3	44.6	223.1	158.8	158.8	156.7	.622
296.9	16.88	13.00	344.8	43.7	223.4	161.4	161.5	154.3	.623
303.9	16.92	12.94	346.6	46.9	226.5	154.7	154.8	165.3	.631
320.6	16.93	12.90	347.9	47.9	228.4	153.2	153.3	169.3	.635
336.5	16.79	12.89	347.7	46.5	225.5	155.1	155.1	163.7	.627
349.3	16.92	12.90	348.5	49.1	228.5	149.5	149.5	172.8	.635

(a-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	17.02	12.80	348.1	49.0	233.7	153.4	153.6	176.2	.651
21.4	17.11	12.82	348.3	49.1	235.4	154.2	154.3	177.7	.656
34.7	17.04	12.81	349.9	49.7	234.6	151.8	152.0	178.8	.652
49.6	17.08	12.85	350.1	49.5	234.5	152.1	152.3	178.4	.651
65.1	17.26	12.80	350.6	50.0	240.2	154.2	154.4	184.0	.668
77.8	16.97	12.79	349.4	49.1	233.4	152.8	152.9	176.3	.649
93.7	16.94	12.82	349.4	50.4	231.9	147.6	147.8	178.8	.644
107.0	17.24	12.83	352.0	49.8	239.4	154.4	154.6	182.8	.664
133.6	17.12	12.94	344.9	46.5	230.7	158.8	158.9	167.3	.645
148.9	17.27	12.96	347.5	45.8	234.3	163.2	163.4	167.9	.653
165.1	17.38	12.91	348.3	45.1	238.7	168.5	168.6	168.9	.666
178.3	17.46	12.89	347.5	44.5	239.6	170.7	170.9	167.9	.669
190.6	17.36	12.84	346.3	43.8	239.5	172.9	173.1	165.5	.670
209.4	17.35	12.80	345.5	44.3	240.4	171.9	172.1	167.8	.674
222.7	17.25	12.84	347.0	45.3	237.6	167.1	167.3	168.7	.664
237.6	17.28	12.84	347.1	45.2	237.9	167.5	167.7	168.6	.665
253.1	17.40	12.82	347.3	45.1	241.2	170.3	170.5	170.7	.675
265.8	17.38	12.84	346.9	45.2	240.3	169.2	169.4	170.4	.672
281.7	17.33	12.86	347.0	45.3	238.8	167.7	167.9	169.8	.667
295.0	17.33	12.84	346.8	44.6	239.4	170.2	170.4	168.1	.669
305.6	17.19	12.92	349.5	48.2	237.6	158.2	158.4	177.1	.661
320.9	17.24	12.78	348.3	48.3	234.9	156.2	156.4	175.3	.654
337.1	17.23	12.73	350.6	47.9	241.6	162.0	162.2	179.0	.672
350.3	17.32	12.73	351.8	47.5	244.1	164.9	165.1	179.8	.678

TABLE V. - Continued.

(a) Continued.

(a-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	16.68	12.68	347.8	52.0	229.3	141.0	141.2	180.7	.638
22.0	16.77	12.69	349.1	52.1	231.6	142.3	142.5	182.5	.643
34.4	16.79	12.67	350.0	53.6	233.3	138.5	138.7	187.6	.648
50.3	16.98	12.66	351.5	53.2	238.6	142.8	143.1	190.9	.662
65.4	17.03	12.60	352.5	53.0	241.5	145.3	145.6	192.7	.670
77.9	16.98	12.58	352.0	53.2	241.0	144.3	144.5	192.9	.669
86.8	16.99	12.60	351.8	54.4	240.5	139.9	140.1	195.4	.668
108.9	17.21	12.65	354.0	54.1	244.6	143.5	143.8	197.9	.678
133.3	16.87	12.77	347.1	50.9	231.0	145.5	145.8	179.2	.644
149.2	17.03	12.76	350.3	50.3	236.0	150.7	151.0	181.4	.656
65.1	17.02	12.77	351.5	49.3	235.9	153.7	154.0	178.7	.654
77.5	17.01	12.75	350.3	48.6	236.0	156.0	156.3	176.8	.655
190.5	17.04	12.70	348.2	49.6	237.2	153.8	154.1	180.4	.661
210.0	16.90	12.66	348.0	49.7	235.2	152.1	152.4	179.1	.655
222.1	16.86	12.68	347.8	50.8	233.9	147.9	148.1	181.0	.652
238.3	16.95	12.67	350.1	50.5	236.8	150.4	150.7	182.7	.658
253.4	16.90	12.65	350.0	51.1	236.2	148.2	148.5	183.6	.656
265.9	16.96	12.66	349.0	50.1	237.0	152.1	152.3	181.6	.660
274.8	16.97	12.67	349.5	49.9	237.2	152.6	152.9	181.4	.660
296.9	16.94	12.64	349.3	50.4	237.2	151.1	151.4	182.6	.660
305.3	16.81	12.63	351.0	53.6	235.2	139.6	139.8	189.1	.652
321.2	16.74	12.68	348.8	51.7	231.2	143.0	143.3	181.4	.642
337.1	16.77	12.61	348.6	51.2	234.2	146.6	146.9	182.4	.652
349.5	16.78	12.61	349.6	51.3	234.5	146.4	146.7	183.0	.652

(a-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.8	16.83	12.59	341.5	45.9	233.8	162.6	163.1	167.6	.658
21.8	16.78	12.60	343.1	46.7	232.7	159.5	160.0	169.0	.653
33.9	16.74	12.59	343.2	47.4	232.1	156.8	157.3	170.6	.651
49.7	16.85	12.60	343.3	48.3	234.4	155.7	156.2	174.8	.658
65.5	17.02	12.57	344.8	48.5	239.5	158.3	158.8	179.3	.672
78.0	16.90	12.57	342.9	49.0	236.5	155.1	155.5	178.2	.665
94.0	16.86	12.59	345.0	49.1	235.5	154.0	154.5	177.8	.660
108.8	16.99	12.62	345.5	49.2	237.9	155.1	155.6	180.0	.666
133.0	16.97	12.67	342.0	48.6	234.8	155.2	155.7	175.8	.661
149.2	17.05	12.69	343.0	47.7	236.1	158.7	159.1	174.4	.663
165.5	17.20	12.68	345.1	48.4	240.5	159.5	160.0	179.5	.675
178.0	17.11	12.65	344.3	47.9	239.1	160.5	161.0	176.8	.671
190.8	16.97	12.59	343.3	47.5	237.3	160.1	160.6	174.7	.667
209.8	16.82	12.57	342.8	47.1	234.7	159.5	160.0	171.7	.659
221.9	16.86	12.59	342.4	46.4	234.6	161.7	162.2	169.5	.660
237.7	16.75	12.61	341.4	46.5	231.3	159.1	159.6	167.4	.650
253.5	16.98	12.65	342.8	46.1	235.7	163.1	163.6	169.7	.663
266.0	16.91	12.69	341.4	46.1	232.3	160.8	161.3	167.1	.653
282.0	16.87	12.65	342.2	46.0	233.0	161.7	162.2	167.3	.655
296.8	16.80	12.61	341.1	46.0	232.3	161.2	161.7	166.8	.654
305.0	16.73	12.60	342.1	46.8	231.1	157.9	158.4	168.4	.649
321.2	16.86	12.61	342.0	45.9	233.8	162.5	163.0	167.6	.657
337.5	16.80	12.55	340.7	45.8	234.0	162.8	163.3	167.5	.659
350.0	16.85	12.54	341.9	46.9	235.6	160.6	161.1	171.9	.663

TABLE V. - Continued.

(a) Continued.

(a-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	16.53	12.47	338.9	44.8	229.6	162.5	163.2	161.4	.648
21.7	16.56	12.47	339.6	45.3	230.3	161.5	162.3	163.4	.649
34.1	16.67	12.46	340.7	44.4	233.9	166.6	167.4	163.4	.659
49.4	16.67	12.44	340.7	44.7	234.5	166.4	167.2	164.5	.661
65.7	16.52	12.42	340.8	45.5	231.4	161.9	162.7	164.5	.651
78.0	16.51	12.40	340.4	46.4	231.6	159.3	160.1	167.3	.652
94.3	16.29	12.42	340.0	46.6	225.6	154.6	155.3	163.6	.634
108.9	16.53	12.45	341.4	47.7	231.1	155.2	155.9	170.5	.650
133.1	16.56	12.51	338.4	43.8	228.8	164.7	165.5	158.0	.646
149.0	16.68	12.54	340.2	43.4	231.3	167.5	168.3	158.6	.652
165.6	16.78	12.54	341.3	43.1	234.0	170.5	171.3	159.3	.659
177.7	16.88	12.50	341.5	43.7	237.4	171.2	172.0	163.5	.669
190.7	16.85	12.44	339.7	43.2	238.0	172.9	173.8	162.6	.673
209.7	16.72	12.44	338.6	43.5	234.7	169.9	170.7	161.0	.664
222.1	16.70	12.47	338.4	43.5	233.3	168.9	169.7	160.1	.660
237.4	16.71	12.46	339.8	43.8	234.3	168.8	169.6	161.6	.661
253.7	16.58	12.52	338.2	43.4	229.1	166.0	166.8	157.0	.647
266.0	16.69	12.55	338.9	42.3	230.8	170.4	171.2	154.8	.651
282.3	16.72	12.52	338.8	42.6	232.2	170.6	171.4	156.7	.656
296.9	16.73	12.51	338.4	42.9	232.8	170.2	171.0	158.0	.658
305.1	16.63	12.50	339.8	45.4	231.2	161.9	162.6	164.4	.652
321.0	16.67	12.47	338.5	44.5	232.6	165.6	166.4	162.6	.657
337.6	16.63	12.44	339.9	45.0	233.1	164.6	165.4	164.3	.658
349.7	16.69	12.46	340.1	45.1	234.1	164.9	165.7	165.4	.660

(a-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	16.34	13.05	335.9	52.6	205.1	124.6	124.7	162.8	.576
22.1	16.32	13.04	336.9	52.6	204.8	124.2	124.4	162.7	.575
27.3	16.35	13.04	336.9	52.4	205.7	125.4	125.5	163.0	.578
50.4	16.42	13.11	337.4	52.1	205.4	126.3	126.4	163.0	.576
65.8	16.27	13.10	336.5	52.5	201.7	122.8	122.9	159.9	.564
78.3	16.41	13.07	335.8	52.9	206.2	124.5	124.6	164.3	.580
94.1	16.22	13.06	338.0	53.1	202.0	121.3	121.5	161.5	.566
108.6	16.35	13.10	338.7	53.5	204.2	121.4	121.6	164.1	.571
133.2	16.32	13.15	336.1	50.9	201.1	126.7	126.8	156.1	.564
149.3	16.50	13.18	336.4	51.5	205.0	127.5	127.7	160.4	.576
165.1	16.55	13.21	337.2	51.3	205.5	128.5	128.6	160.3	.577
178.0	16.57	13.20	336.4	51.5	206.3	128.4	128.5	161.5	.580
190.5	16.55	13.19	335.9	51.4	205.9	128.3	128.4	160.9	.579
210.1	16.41	13.12	335.8	51.6	204.5	127.0	127.1	160.2	.575
215.3	16.37	13.09	335.0	51.6	204.2	126.8	126.9	159.9	.575
238.4	16.38	13.04	335.6	50.7	206.2	130.5	130.7	159.5	.580
253.8	16.45	13.04	335.0	51.5	207.8	129.3	129.4	162.6	.585
266.3	16.47	13.05	336.9	51.0	208.6	131.3	131.5	162.0	.586
282.1	16.47	13.08	336.3	51.4	207.6	129.4	129.5	162.2	.584
296.6	16.45	13.07	335.5	51.7	207.1	128.4	128.5	162.4	.583
305.2	16.39	13.06	336.9	52.5	206.3	125.5	125.6	163.7	.579
321.3	16.37	13.04	336.0	52.7	206.0	124.8	124.9	163.8	.579
337.1	16.41	13.04	336.8	52.2	207.3	126.9	127.1	163.8	.582
350.0	16.40	13.06	336.2	52.4	206.2	125.9	126.0	163.3	.580

TABLE V. - Continued.

(a) Continued.

(a-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.2	16.35	12.36	337.6	48.3	228.5	152.0	152.1	170.5	.646
13.2	16.31	12.36	337.2	48.8	227.1	149.6	149.6	170.8	.642
34.6	16.31	12.35	337.8	48.3	227.7	151.3	151.3	170.1	.643
49.7	16.36	12.37	338.1	48.6	228.6	151.1	151.2	171.5	.646
65.8	16.27	12.36	337.6	48.5	226.3	149.8	149.8	169.6	.639
78.4	16.35	12.37	336.4	48.5	227.5	150.7	150.8	170.3	.644
94.2	16.06	12.38	337.5	49.0	220.4	144.5	144.5	166.4	.621
108.6	16.13	12.41	339.4	49.2	221.6	144.7	144.7	167.8	.623
133.2	16.31	12.42	336.7	47.5	225.0	151.9	151.9	166.0	.636
148.7	16.41	12.44	336.9	47.2	227.0	154.1	154.2	166.5	.642
165.1	16.47	12.43	337.6	46.5	228.8	157.6	157.6	165.9	.647
177.9	16.52	12.40	338.6	47.1	231.3	157.6	157.6	169.3	.653
190.2	16.53	12.39	337.0	46.8	231.5	158.5	158.6	168.7	.656
201.2	16.40	12.39	335.9	47.6	228.0	153.7	153.8	168.3	.646
222.6	16.31	12.33	336.0	47.3	227.6	154.4	154.4	167.1	.645
237.7	16.35	12.34	335.3	47.6	228.1	153.7	153.7	168.5	.647
253.8	16.40	12.34	336.0	47.0	229.5	156.6	156.6	167.7	.650
266.4	16.39	12.36	335.6	47.0	228.6	156.0	156.0	167.0	.648
282.2	16.43	12.41	335.4	46.8	227.8	155.8	155.9	166.2	.646
296.6	16.44	12.36	335.8	47.3	229.8	155.9	155.9	168.8	.652
305.2	16.38	12.35	337.4	48.1	229.2	153.0	153.0	170.7	.648
320.7	16.41	12.35	337.1	48.3	229.8	152.8	152.9	171.6	.650
337.1	16.41	12.36	337.6	48.1	229.7	153.5	153.5	170.8	.649
349.9	16.41	12.37	336.9	48.0	229.3	153.4	153.4	170.4	.649

(a-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.73	11.31	338.2	44.0	268.2	192.8	193.0	186.2	.770
21.7	16.64	11.32	338.2	44.7	266.2	189.3	189.4	187.1	.763
34.2	16.70	11.27	339.1	44.0	268.9	193.3	193.5	186.7	.771
49.7	16.76	11.22	337.9	44.8	271.2	192.5	192.7	190.9	.779
65.3	16.56	11.21	337.0	44.2	267.2	191.5	191.7	186.0	.768
77.5	16.63	11.21	336.7	44.0	268.5	192.9	193.1	186.5	.772
93.6	16.49	11.24	337.3	43.7	265.1	191.6	191.8	183.0	.761
108.6	16.76	11.26	337.3	44.0	269.9	194.1	194.3	187.2	.776
132.9	16.76	11.29	338.7	41.5	269.5	201.7	201.9	178.4	.773
148.6	16.88	11.31	338.4	41.2	271.0	203.7	203.9	178.5	.778
165.0	16.90	11.30	339.9	40.3	272.6	207.9	208.1	176.1	.781
177.5	17.07	11.27	340.0	41.5	276.3	206.8	207.0	183.1	.793
190.4	17.10	11.23	340.1	40.6	277.9	210.8	211.0	180.9	.798
209.7	16.79	11.24	339.0	40.7	271.7	205.7	205.9	177.2	.780
222.2	16.71	11.23	337.5	40.6	269.7	204.8	205.0	175.3	.775
237.7	16.63	11.23	338.8	40.9	268.6	202.9	203.1	175.8	.770
253.3	16.66	11.22	337.3	41.8	268.9	200.5	200.7	179.0	.773
265.5	16.75	11.22	337.9	41.2	271.0	203.8	204.0	178.4	.779
281.6	16.92	11.24	336.9	40.9	273.1	206.4	206.6	178.7	.787
296.6	16.86	11.25	337.5	41.1	272.1	204.8	205.0	178.9	.783
304.9	16.71	11.25	338.3	44.3	269.3	192.7	192.9	188.0	.773
320.6	16.76	11.26	337.9	43.9	270.2	194.5	194.7	187.3	.776
337.0	16.84	11.28	338.5	44.5	271.3	193.5	193.7	190.0	.779
349.5	16.73	11.29	338.4	43.4	269.0	195.2	195.4	184.8	.772

TABLE V. - Continued.

(a) Continued.

(a-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.74	10.72	345.7	47.1	288.0	195.2	197.2	209.9	.823
21.3	16.70	10.66	344.4	46.7	288.6	197.0	199.0	208.9	.827
34.2	16.79	10.66	344.0	47.3	289.9	195.5	197.5	212.2	.832
49.4	16.80	10.64	343.8	47.3	290.8	196.3	198.3	212.7	.835
64.4	16.83	10.60	343.8	48.0	292.5	194.9	196.8	216.3	.841
77.8	16.85	10.59	342.6	47.4	292.3	196.8	198.8	214.3	.842
93.5	16.84	10.58	342.0	47.5	292.3	196.4	198.4	214.7	.843
108.6	16.96	10.59	342.7	47.4	294.3	198.2	200.2	215.8	.848
133.0	16.54	10.70	341.9	43.7	283.3	203.7	205.8	194.7	.817
148.6	16.46	10.77	342.0	44.5	280.1	198.9	200.9	195.2	.803
165.1	16.40	10.83	341.1	41.9	276.8	204.8	206.9	184.0	.794
177.5	16.44	10.84	343.0	42.7	278.0	203.1	205.2	187.5	.795
190.4	16.50	10.82	342.0	43.2	279.4	202.4	204.5	190.4	.801
209.3	16.57	10.80	341.6	42.5	281.1	206.0	208.1	189.0	.807
222.2	16.59	10.79	342.1	43.0	282.0	205.2	207.3	191.2	.809
237.4	16.54	10.78	341.4	43.4	281.0	203.1	205.1	192.0	.806
252.4	16.56	10.75	343.5	43.4	283.1	204.8	206.8	193.3	.811
265.8	16.55	10.74	342.2	42.7	282.7	206.5	208.6	190.8	.811
281.5	16.63	10.77	343.4	44.0	283.8	203.1	205.2	196.0	.813
296.6	16.61	10.78	343.7	42.2	283.4	208.7	210.9	189.4	.811
305.0	16.72	10.77	345.1	47.1	286.0	193.7	195.7	208.6	.818
320.6	16.74	10.73	346.9	46.6	288.4	197.4	199.4	208.4	.823
337.1	16.75	10.70	345.9	46.3	289.0	198.7	200.8	207.9	.827
349.5	16.75	10.71	345.4	47.1	288.4	195.5	197.5	210.2	.825

(a-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	16.49	13.14	353.0	.8	211.0	210.2	210.9	2.9	.579
23.7	16.42	13.17	352.8	-.2	208.0	207.3	208.0	-.6	.570
36.7	16.57	13.10	352.0	-.2	214.3	213.5	214.3	-.7	.589
49.1	16.60	13.06	353.3	-.5	219.3	218.5	219.3	-1.8	.603
68.6	16.41	13.06	352.5	-1.0	211.4	210.6	211.4	-3.8	.580
80.8	16.56	13.08	354.2	-1.1	215.4	214.6	215.4	-4.0	.591
96.8	16.32	13.09	351.4	-1.0	207.6	206.8	207.5	-3.4	.570
111.9	16.59	13.09	352.4	-1.2	215.1	214.3	215.0	-4.3	.591
124.4	16.67	13.09	351.5	-.7	217.1	216.3	217.1	-2.5	.598
140.1	16.63	13.08	351.1	-.9	216.0	215.2	216.0	-3.2	.595
155.3	16.68	13.07	349.4	-.3	217.1	216.4	217.1	-1.2	.600
171.7	16.52	13.07	351.5	-.4	213.9	213.2	213.9	-1.6	.589
187.6	16.52	13.09	349.9	-.3	212.8	212.0	212.8	-1.2	.587
203.7	16.51	13.08	348.3	-.3	212.3	211.6	212.3	-1.0	.587
216.7	16.46	13.14	346.7	-.4	208.2	207.5	208.2	-1.6	.576
229.1	16.38	13.18	345.6	-.5	204.5	203.8	204.5	-1.7	.566
248.6	16.33	13.17	345.3	-.8	203.5	202.8	203.5	-2.8	.563
260.8	16.48	13.14	347.9	-.6	209.4	208.6	209.4	-2.2	.578
276.8	16.55	13.11	349.0	-.5	212.3	211.6	212.3	-1.8	.586
291.9	16.53	13.15	348.5	-.4	210.4	209.7	210.4	-1.5	.581
304.4	16.59	13.19	348.7	-.3	210.9	210.1	210.9	-1.1	.582
320.1	16.61	13.17	348.3	-.1	211.8	211.1	211.8	-.4	.585
335.3	16.55	13.16	349.3	-.5	211.0	210.2	211.0	-1.7	.582
351.7	16.57	13.16	351.4	.8	211.9	211.1	211.8	3.0	.583

TABLE V. - Continued.

(a) Continued.

(a-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN. VEL	ABS MACH NO
7.6	16.59	13.04	350.1	-.9	216.2	215.4	216.1	-3.4	.596
23.8	16.51	13.07	349.6	-1.4	212.8	212.0	212.8	-5.0	.587
36.3	16.57	13.03	347.4	-2.1	215.3	214.4	215.2	-7.9	.597
48.8	16.73	13.01	350.1	-1.7	220.8	219.9	220.7	-6.5	.610
68.1	16.56	13.04	348.9	-1.5	215.2	214.3	215.1	-5.7	.595
80.8	16.80	13.04	351.9	-1.9	222.0	221.1	221.9	-7.3	.612
96.2	16.56	13.04	348.9	-1.6	214.9	214.1	214.9	-5.8	.594
111.5	16.63	13.03	348.4	-1.9	217.1	216.2	217.0	-7.3	.601
124.1	16.80	13.03	349.2	-1.7	221.5	220.6	221.4	-6.5	.613
139.7	16.95	13.03	349.5	-1.7	225.6	224.7	225.5	-6.7	.625
155.2	16.84	13.01	346.8	-1.7	222.5	221.6	222.4	-6.5	.619
165.0	16.57	13.00	347.3	-1.5	216.1	215.3	216.0	-5.6	.599
187.6	16.58	13.01	346.9	-1.7	216.0	215.1	215.9	-6.2	.599
203.8	16.54	13.05	343.5	-1.8	212.7	211.9	212.6	-6.5	.592
216.3	16.46	13.04	341.8	-1.7	210.1	209.2	210.0	-6.3	.586
228.8	16.39	13.08	340.9	-1.7	206.8	206.0	206.8	-6.0	.577
248.1	16.41	13.05	342.6	-1.6	208.8	208.0	208.7	-5.7	.582
260.8	16.47	13.04	344.3	-1.6	211.1	210.2	211.0	-5.9	.587
276.2	16.53	13.04	344.6	-1.7	213.1	212.3	213.0	-6.2	.592
291.5	16.52	13.05	344.4	-1.8	212.3	211.4	212.2	-6.8	.590
304.1	16.54	13.06	344.3	-1.8	212.5	211.6	212.4	-6.8	.591
319.7	16.52	13.05	343.5	-2.1	212.0	211.1	211.8	-7.7	.590
335.2	16.50	13.06	345.9	-2.0	211.8	210.9	211.6	-7.3	.587
345.0	16.52	13.07	348.4	-.9	212.8	212.0	212.7	-3.4	.588

(a-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN. VEL	ABS MACH NO
7.0	16.71	13.01	348.5	-2.6	219.7	218.6	219.5	-10.0	.608
22.9	16.71	13.00	347.6	-2.5	219.8	218.8	219.6	-9.4	.610
35.7	16.71	13.00	346.2	-2.2	219.4	218.4	219.3	-8.4	.610
49.0	16.87	13.00	348.4	-2.1	224.1	223.1	223.9	-8.1	.622
68.6	16.86	13.09	348.0	-1.5	220.9	220.0	220.9	-5.7	.613
80.8	16.96	13.10	348.8	-2.2	223.3	222.3	223.1	-8.5	.619
96.4	16.88	13.09	347.5	-1.6	221.3	220.4	221.2	-6.2	.614
111.4	16.94	13.08	347.9	-1.8	222.9	222.0	222.8	-7.2	.619
121.8	17.01	13.08	348.2	-1.8	224.9	223.9	224.8	-7.1	.624
140.0	16.98	13.07	346.7	-2.2	223.9	222.9	223.8	-8.4	.623
155.3	17.09	13.06	347.2	-2.1	226.9	225.9	226.8	-8.5	.631
170.3	16.80	13.05	344.8	-2.7	219.6	218.5	219.3	-10.3	.612
187.0	16.77	13.05	343.7	-2.9	218.5	217.4	218.2	-11.0	.609
202.9	16.76	13.06	342.1	-2.9	217.4	216.3	217.1	-11.1	.608
215.7	16.68	13.07	340.0	-2.9	214.5	213.4	214.2	-10.6	.601
229.0	16.62	13.08	339.4	-2.7	212.5	211.5	212.3	-10.0	.596
248.6	16.63	13.05	341.8	-2.5	214.4	213.3	214.2	-9.4	.599
260.8	16.64	13.02	342.8	-2.8	215.9	214.9	215.7	-10.3	.603
276.4	16.73	13.01	343.4	-2.6	218.9	217.8	218.6	-10.0	.611
291.4	16.70	13.01	342.7	-2.6	217.7	216.6	217.4	-9.9	.603
301.8	16.69	13.01	343.1	-2.7	217.6	216.5	217.4	-10.2	.607
320.0	16.65	13.01	342.0	-3.1	216.3	215.1	216.0	-11.5	.604
335.3	16.65	13.02	344.4	-2.7	216.8	215.7	216.5	-10.0	.604
350.3	16.67	13.01	347.9	-2.9	218.5	217.4	218.3	-10.8	.606

TABLE V. - Continued.

(a) Continued.

(a-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VE	ABS MACH NO
7.3	16.64	12.98	346.1	-2.0	218.2	217.2	218.0	-7.7	.606
23.5	16.58	12.95	344.5	-2.0	217.1	216.1	217.0	-7.5	.605
36.7	16.64	12.94	344.4	-1.3	219.0	218.1	218.9	-5.1	.610
49.0	16.70	12.93	345.1	-1.8	220.9	219.9	220.8	-7.0	.615
67.8	16.67	13.02	345.3	-1.6	217.5	216.5	217.4	-6.1	.605
81.1	16.72	13.07	345.4	-1.6	217.0	216.0	216.9	-6.0	.603
96.0	16.73	13.08	344.9	-1.3	216.9	216.0	216.8	-5.0	.603
111.5	16.63	13.08	344.9	-1.4	214.3	213.4	214.2	-5.4	.596
124.2	16.74	13.06	345.4	-1.3	218.1	217.2	218.1	-5.0	.607
140.1	16.75	13.05	344.7	-1.4	218.7	217.7	218.6	-5.3	.609
153.4	16.85	13.06	344.4	-1.8	220.6	219.6	220.5	-6.8	.615
172.0	16.85	13.05	344.8	-2.1	220.9	219.8	220.7	-8.0	.615
187.3	16.83	13.05	344.4	-2.1	220.4	219.4	220.3	-7.9	.614
203.5	16.87	13.04	343.8	-2.0	221.2	220.2	221.1	-7.7	.617
216.7	16.84	13.05	342.9	-1.9	219.9	218.9	219.7	-7.1	.614
229.0	16.74	13.05	341.9	-1.7	217.1	216.1	217.0	-6.6	.607
247.8	16.61	12.99	342.0	-1.9	215.8	214.8	215.7	-7.1	.603
261.1	16.66	12.98	343.7	-1.7	217.8	216.9	217.7	-6.6	.607
276.0	16.65	12.99	342.5	-1.8	217.1	216.1	217.0	-6.7	.606
291.5	16.67	12.97	342.3	-1.8	217.9	216.9	217.8	-6.8	.609
304.2	16.64	12.96	342.2	-1.8	217.6	216.6	217.5	-6.8	.608
320.1	16.66	12.97	342.1	-1.6	217.8	216.8	217.7	-6.0	.609
333.4	16.51	13.00	342.4	-2.0	213.2	212.3	213.2	-7.5	.595
352.0	16.60	13.00	345.5	-1.9	216.5	215.5	216.4	-7.2	.602

(a-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	16.43	12.95	343.0	-2.5	212.8	211.7	212.6	-9.4	.593
23.5	16.39	12.93	342.1	-2.5	212.2	211.1	212.0	-9.2	.592
35.9	16.45	12.92	341.8	-2.1	214.1	213.1	214.0	-7.9	.598
48.9	16.45	12.92	342.4	-2.4	214.1	213.1	213.9	-8.9	.598
68.4	16.45	12.99	342.4	-2.1	211.6	210.6	211.5	-7.6	.590
80.8	16.49	13.01	343.0	-2.2	212.6	211.6	212.4	-8.3	.592
96.7	16.55	12.99	342.8	-2.0	214.6	213.6	214.5	-7.6	.599
111.8	16.54	12.99	343.6	-2.1	214.4	213.4	214.3	-7.9	.597
124.3	16.59	12.97	343.8	-2.1	216.5	215.4	216.3	-7.8	.603
133.2	16.62	12.96	343.0	-1.8	217.4	216.4	217.3	-6.8	.607
155.3	16.67	13.02	342.6	-2.1	216.4	215.4	216.3	-7.7	.604
171.7	16.63	13.02	342.8	-2.3	215.4	214.3	215.2	-8.8	.601
187.6	16.67	13.04	342.7	-2.3	216.0	215.0	215.9	-8.5	.603
203.5	16.72	13.05	342.5	-2.2	216.9	215.8	216.7	-8.3	.606
215.9	16.64	13.05	341.4	-2.2	214.5	213.4	214.3	-8.2	.600
225.9	16.52	13.05	339.9	-2.2	210.6	209.6	210.5	-8.0	.589
248.4	16.46	12.95	340.4	-2.4	212.9	211.8	212.7	-9.0	.596
260.8	16.54	12.89	341.0	-2.4	216.9	215.8	216.7	-9.2	.607
276.7	16.53	12.88	341.1	-2.5	217.2	216.1	217.0	-9.3	.608
291.8	16.49	12.87	340.2	-2.6	216.1	215.0	215.9	-9.8	.606
304.3	16.50	12.86	340.6	-2.4	216.7	215.6	216.5	-9.2	.607
313.2	16.50	12.86	340.1	-2.4	216.7	215.6	216.5	-9.0	.607
335.3	16.41	12.95	340.2	-2.7	211.4	210.3	211.2	-9.8	.592
351.7	16.44	12.96	342.6	-2.5	212.6	211.5	212.4	-9.1	.593

TABLE V. - Continued.

(a) Continued.

(a-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	16.37	12.90	340.8	-2.2	212.3	211.3	212.2	-8.1	.504
23.9	16.34	12.88	339.9	-2.3	211.9	210.8	211.7	-8.5	.593
36.4	16.31	12.86	339.5	-2.2	211.5	210.4	211.4	-8.0	.592
49.2	16.36	12.86	340.1	-2.0	213.1	212.0	212.9	-7.5	.597
68.2	16.33	12.98	340.5	-2.0	208.5	207.5	208.4	-7.3	.583
80.3	16.36	13.01	339.9	-2.2	208.0	207.0	207.9	-7.8	.582
96.1	16.38	13.00	339.8	-2.2	208.9	207.8	208.7	-8.0	.584
111.9	16.30	13.00	340.2	-2.2	206.9	205.9	206.8	-7.9	.578
124.4	16.40	12.98	341.6	-1.9	210.5	209.5	210.4	-7.0	.587
140.4	16.49	12.97	340.7	-2.0	212.9	211.9	212.8	-7.4	.596
155.2	16.55	12.97	340.2	-1.9	214.5	213.4	214.4	-7.1	.601
171.4	16.56	12.98	341.0	-3.3	214.7	213.4	214.3	-12.3	.601
187.6	16.52	12.98	340.5	-3.1	213.4	212.1	213.0	-11.6	.597
203.9	16.60	12.98	340.5	-2.9	215.3	214.1	215.0	-11.0	.603
216.4	16.48	12.99	338.6	-3.2	211.2	210.0	210.9	-11.7	.592
229.2	16.39	13.00	337.9	-3.3	208.3	207.1	208.0	-11.9	.584
248.2	16.30	12.91	338.6	-3.3	209.3	208.1	209.0	-12.2	.587
260.3	16.31	12.87	338.7	-3.2	211.2	209.9	210.8	-11.8	.592
276.1	16.29	12.87	338.5	-3.4	210.5	209.2	210.1	-12.5	.590
291.9	16.31	12.88	337.7	-3.2	210.3	209.1	210.0	-11.8	.591
304.4	16.32	12.87	337.8	-3.2	210.9	209.6	210.6	-11.7	.592
320.4	16.27	12.87	336.3	-3.4	209.1	207.8	208.7	-12.3	.588
335.2	16.28	12.89	337.4	-3.5	209.2	208.0	208.9	-12.5	.588
351.4	16.36	12.91	340.6	-1.9	211.6	210.6	211.5	-7.1	.592

(a-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	15.82	12.92	334.5	-.5	194.5	193.5	194.5	-1.6	.546
24.0	15.76	12.84	334.7	-.5	195.5	194.6	195.5	-1.6	.549
36.1	15.79	12.85	334.8	-.4	196.1	195.2	196.1	-1.3	.551
49.1	15.80	12.86	334.7	-.5	195.9	194.9	195.9	-1.7	.550
68.1	15.79	12.96	334.8	-.2	192.1	191.2	192.1	-.8	.539
80.5	15.76	13.00	334.3	-.3	199.7	188.8	189.7	-.9	.532
95.8	15.82	13.00	334.4	-.0	191.4	190.4	191.4	-.1	.537
112.1	15.80	13.01	334.7	-.1	190.8	189.9	190.8	-.5	.535
124.4	15.88	12.99	336.0	-.3	193.9	192.9	193.9	-.9	.543
140.7	15.90	12.97	334.9	-.5	194.9	193.9	194.9	-1.2	.547
155.3	15.97	12.98	334.5	-.5	196.8	195.8	196.8	-1.9	.553
171.5	16.17	12.99	336.0	-3.3	202.4	201.1	202.0	-11.7	.568
187.4	16.26	13.01	336.7	-3.2	204.3	203.0	204.0	-11.2	.573
204.0	16.30	12.96	337.1	-3.1	207.3	206.0	207.0	-11.1	.582
216.1	16.26	12.99	335.7	-3.0	204.7	203.5	204.5	-10.5	.576
229.1	16.19	13.01	335.1	-2.7	201.8	200.6	201.6	-10.1	.567
248.1	16.05	12.94	334.7	-3.0	200.4	199.2	200.2	-10.4	.564
260.5	16.06	12.90	334.7	-2.9	201.9	200.6	201.6	-10.1	.568
275.8	16.10	12.90	335.0	-2.9	203.2	202.0	202.9	-10.1	.572
292.1	16.12	12.90	334.7	-2.8	203.4	202.2	203.2	-9.8	.573
304.4	16.04	12.89	334.5	-2.8	201.7	200.5	201.5	-9.6	.568
320.7	16.07	12.89	333.5	-2.6	202.1	201.0	201.9	-9.1	.570
335.3	16.04	12.91	333.7	-2.8	200.9	199.7	200.7	-9.6	.566
351.5	15.84	12.92	335.0	-.4	195.2	194.3	195.2	-1.3	.548

TABLE V. - Continued.

(a) Concluded.

(a-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
13.0	16.23	12.84	333.7	14.9	208.3	199.4	201.4	53.2	.588
25.4	16.24	12.77	333.8	14.9	210.8	201.8	203.8	53.9	.596
44.9	16.26	12.85	333.9	14.9	209.0	200.1	202.0	53.4	.590
57.1	16.25	12.74	334.0	15.0	212.3	203.3	205.3	54.3	.600
73.1	16.22	12.77	334.2	15.0	210.6	201.6	203.6	53.8	.595
88.2	16.27	12.79	334.3	14.9	211.4	202.4	204.4	54.0	.597
100.7	16.32	12.71	334.4	14.9	215.3	206.2	208.2	55.0	.609
116.4	16.22	12.91	334.5	14.9	206.0	197.2	199.1	52.6	.581
131.6	16.32	12.71	334.6	15.0	215.3	206.1	208.1	55.0	.608
328.0	16.24	12.79	333.3	14.9	210.2	201.3	203.3	53.7	.594
343.9	16.25	12.80	333.5	14.9	210.1	201.2	203.1	53.7	.594
360.0	16.24	12.81	333.6	14.9	209.5	200.6	202.6	53.6	.592

(a-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.9	16.25	12.42	334.4	11.7	223.0	216.7	218.4	44.9	.632
73.8	16.29	12.44	334.5	11.7	223.2	216.9	218.6	45.0	.633
89.9	16.35	12.47	334.6	11.8	223.5	217.2	218.9	45.4	.634
102.9	16.22	12.42	334.7	11.7	222.5	216.7	217.9	44.8	.630
115.3	16.35	12.51	334.7	11.8	222.4	216.1	217.8	45.2	.630
134.8	16.26	12.40	334.9	11.7	224.0	217.7	219.4	45.1	.635
147.0	16.25	12.38	335.0	11.7	224.2	217.9	219.6	45.1	.635
163.0	16.33	12.40	335.1	11.7	225.8	219.4	221.2	45.5	.640
178.1	16.37	12.40	335.0	11.7	226.6	220.2	222.0	45.6	.643
190.6	16.40	12.38	334.9	11.7	228.0	221.6	223.3	45.9	.647
206.3	16.38	12.41	335.4	11.7	226.6	221.2	221.9	45.6	.642
221.5	16.31	12.38	334.9	11.7	225.8	219.4	221.2	45.4	.640

(a-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
13.3	15.95	12.12	338.6	6.9	226.7	223.4	225.0	26.9	.639
28.5	15.88	11.99	338.7	6.8	229.1	225.8	227.5	27.1	.647
224.9	16.01	12.14	337.7	6.9	226.8	223.6	225.2	26.9	.641
240.8	15.96	12.08	337.4	6.9	227.7	224.4	226.0	27.0	.643
256.9	15.95	12.11	338.6	6.9	227.3	224.0	225.7	27.0	.641
269.9	15.94	12.10	338.6	6.9	226.9	223.0	225.3	26.9	.640
282.3	15.88	11.99	337.8	6.8	228.8	225.5	227.2	27.0	.646
301.8	15.98	12.16	337.7	6.9	225.6	222.4	224.0	26.8	.637
314.0	15.89	11.96	338.3	6.9	230.1	226.8	228.5	27.3	.650
330.0	15.93	12.02	338.5	6.9	229.3	226.0	227.7	27.2	.647
345.1	15.92	12.04	338.5	6.9	228.5	225.2	226.9	27.1	.645
357.6	15.93	12.06	338.5	6.9	228.0	224.7	226.4	27.0	.643

TABLE V. - Continued.

(b) Reading 1535-1667

(b-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	9.74	8.28	289.5	-0	162.5	162.5	162.5	-.1	.488
24.9	9.74	8.34	289.4	-4.8	158.8	158.3	158.3	-13.3	.476
37.8	9.83	8.32	290.0	-10.8	164.8	161.9	161.9	-30.9	.494
56.9	9.54	8.41	288.9	-18.5	143.5	136.1	136.1	-45.4	.429
68.8	9.60	8.53	288.2	-15.6	138.4	133.4	133.4	-37.1	.414
84.9	9.68	8.57	288.7	-12.6	140.8	137.4	137.4	-30.7	.421
100.4	9.83	8.63	288.1	-11.5	145.4	142.5	142.5	-28.9	.435
112.6	9.74	8.66	288.1	-11.4	138.4	135.7	135.7	-27.3	.414
129.1	9.86	8.70	288.3	-8.5	142.8	141.2	141.2	-21.1	.427
143.9	9.99	8.69	287.8	-6.7	150.6	149.6	149.6	-17.5	.452
163.1	10.07	8.69	288.2	-7.6	154.4	153.0	153.0	-20.3	.463
178.9	10.03	8.73	288.0	-2.7	150.3	150.1	150.1	-7.0	.451
190.9	10.14	8.74	288.7	.9	155.2	155.2	155.2	2.5	.465
207.9	10.11	8.72	288.5	4.5	154.8	154.3	154.3	12.3	.454
220.8	10.01	8.69	288.5	7.8	151.2	149.8	149.8	20.5	.453
239.9	9.82	8.64	288.5	8.8	144.5	142.8	142.8	22.1	.432
251.8	9.84	8.55	287.9	P 1	150.9	149.4	149.4	21.1	.453
267.9	9.79	8.49	287.8	10.1	152.1	149.7	149.7	26.6	.456
283.4	9.71	8.46	288.0	11.3	149.6	146.7	146.7	29.3	.449
295.6	9.65	8.42	287.6	13.1	148.7	144.8	144.8	33.7	.446
312.1	9.52	8.37	287.6	17.8	144.3	137.4	137.4	44.2	.432
326.9	9.70	8.35	287.6	12.7	155.6	151.8	151.8	34.2	.468
340.1	9.52	8.32	288.6	6.1	147.5	146.7	146.7	15.6	.442
355.9	8.98	8.27	287.4	-1.2	115.7	115.7	115.7	-2.3	.345

(b-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.4	9.25	8.30	287.0	2.0	132.8	132.7	132.7	4.5	.397
24.6	10.19	8.32	289.9	-2.9	181.0	180.8	180.8	-9.1	.546
37.3	9.58	8.32	287.6	-8.8	150.8	149.1	149.1	-23.0	.453
56.6	9.66	8.38	289.0	-11.2	151.9	149.0	149.0	-29.5	.455
68.8	9.67	8.48	288.3	-9.7	146.1	144.0	144.0	-24.5	.437
84.6	9.78	8.52	287.9	-9.9	149.3	147.1	147.1	-25.8	.448
100.1	9.83	8.54	288.6	-9.7	150.6	148.4	148.4	-25.4	.451
113.0	9.96	8.58	287.7	-9.5	155.1	153.0	153.0	-25.5	.466
128.9	10.07	8.62	288.6	-11.5	159.2	156.0	156.0	-31.6	.478
143.9	9.94	8.61	287.7	-5.2	152.5	151.9	151.9	-13.9	.458
162.8	10.02	8.65	288.0	-6.2	154.3	153.4	153.4	-16.7	.463
179.1	10.14	8.69	287.9	-3.5	158.2	157.9	157.9	-9.7	.476
195.4	10.09	8.70	287.6	2.4	155.1	155.0	155.0	6.5	.466
207.6	10.16	8.68	288.2	3.3	159.6	159.3	159.3	9.2	.480
220.3	10.09	8.65	288.6	7.6	158.3	156.9	156.9	21.0	.475
239.6	9.81	8.59	287.9	6.3	147.1	146.1	146.2	16.2	.441
251.8	9.79	8.52	287.5	6.4	149.8	148.9	148.9	16.6	.450
267.6	9.78	8.47	287.1	8.0	152.5	151.0	151.0	21.2	.458
283.1	9.74	8.45	287.6	6.6	151.7	150.7	150.7	17.3	.455
296.0	9.72	8.41	287.1	7.7	152.6	151.2	151.2	20.4	.459
311.9	9.37	8.36	286.6	7.5	135.7	134.6	134.6	17.7	.407
326.9	9.48	8.33	286.5	7.7	144.4	143.1	143.1	19.2	.433
339.8	10.01	8.30	289.6	-.5	174.0	174.0	174.0	-1.4	.524
356.1	9.48	8.27	287.5	-1.0	148.3	148.3	148.3	-2.5	.445

TABLE V. - Continued.

(b) Continued.

(b-3) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.17	9.29	8.31	286.5	-2.0	134.5	134.4	134.4	-4.6	.403
24.9	10.17	8.33	289.1	-.6	179.4	179.3	179.3	-1.9	.541
37.8	9.57	8.35	287.0	-2.9	148.2	148.0	148.1	-7.5	.445
56.7	9.58	8.39	286.7	-2.1	146.1	146.0	146.0	-5.2	.439
68.8	10.07	8.49	289.0	-1.0	166.2	166.1	166.2	-2.9	.500
84.6	9.84	8.51	288.4	-3.5	153.2	152.9	152.9	-9.3	.459
99.8	9.88	8.53	288.6	-5.1	154.2	153.5	153.6	-13.8	.462
113.0	10.04	8.56	287.8	-4.0	160.7	160.3	160.4	-11.1	.484
127.8	10.03	8.58	288.6	-2.7	159.0	158.8	158.9	-7.4	.478
143.8	10.01	8.62	287.0	-3.4	154.9	154.6	154.6	-9.1	.466
163.6	9.95	8.66	286.9	-2.6	149.8	149.6	149.6	-6.7	.450
179.2	10.10	8.69	287.4	-.1	155.6	155.6	155.6	-.2	.468
195.1	10.23	8.70	287.5	1.3	162.0	162.0	162.0	3.8	.488
207.9	10.18	8.66	287.6	3.4	161.3	161.0	161.0	9.5	.485
220.8	9.98	8.64	287.4	5.6	152.6	151.9	151.9	14.9	.459
239.7	9.89	8.59	287.4	3.6	150.8	150.5	150.5	9.5	.453
251.8	9.95	8.54	287.2	2.5	157.5	157.3	157.3	6.9	.474
267.6	9.90	8.47	287.5	2.8	158.4	158.2	158.2	7.7	.476
282.8	9.90	8.45	287.3	1.0	160.0	159.9	160.0	2.8	.482
296.0	10.10	8.42	287.6	.6	171.0	171.0	171.0	1.8	.513
310.8	9.70	8.36	286.9	-1.0	154.5	154.4	154.5	-2.6	.465
326.8	9.44	8.33	286.6	-.1	142.1	142.1	142.1	-.2	.427
340.6	10.10	8.30	289.0	1.5	177.9	177.8	177.9	-4.6	.537
356.2	9.17	8.28	286.0	-.9	129.1	129.0	129.0	-1.9	.386

(b-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.20	8.30	289.2	.8	182.0	181.9	182.0	2.5	.550
17.4	10.11	8.31	289.0	.5	178.1	178.0	178.1	1.6	.538
37.7	9.95	8.32	289.1	-.5	170.4	170.4	170.4	-1.4	.513
57.0	9.95	8.36	288.3	1.8	167.7	167.6	167.6	5.4	.505
69.0	10.20	8.52	287.7	.2	170.3	170.2	170.3	.5	.514
84.9	9.93	8.51	288.6	-.1	158.5	158.5	158.5	-.1	.476
100.2	10.04	8.53	288.3	-1.2	162.0	161.9	162.0	-3.4	.487
112.6	10.06	8.56	287.5	-.1	161.3	161.2	161.3	-.3	.486
128.5	10.15	8.59	287.8	-3.0	164.3	164.0	164.1	-8.6	.495
143.9	10.24	8.61	287.5	-2.8	166.8	166.6	166.6	-8.1	.503
163.1	10.02	8.64	286.6	1.2	154.7	154.7	154.7	3.2	.466
179.1	10.24	8.66	288.2	1.3	164.5	164.4	164.4	3.6	.495
194.9	10.27	8.66	288.3	1.9	165.9	165.7	165.8	5.4	.499
200.4	10.25	8.65	288.2	1.4	165.7	165.6	165.7	4.0	.499
220.7	10.03	8.60	288.1	1.3	157.9	157.8	157.8	3.7	.474
240.0	10.06	8.55	287.2	.2	161.8	161.7	161.8	.4	.487
252.0	10.05	8.52	286.9	-.8	163.3	163.3	163.3	-2.4	.493
267.9	10.07	8.47	287.5	-.3	166.9	166.8	166.9	-.8	.503
283.2	10.01	8.45	287.6	-2.6	165.4	165.2	165.3	-7.6	.499
295.6	10.21	8.43	287.9	-2.1	175.5	175.4	175.4	-6.4	.530
311.5	10.11	8.39	288.0	-1.8	173.1	173.0	173.0	-5.4	.523
326.9	10.04	8.35	288.0	-1.2	172.2	172.1	172.2	-3.5	.520
340.1	10.20	8.32	288.9	-1.3	181.1	181.0	181.1	-4.2	.547
356.1	10.00	8.30	289.3	1.2	173.3	173.2	173.3	3.5	.522

TABLE V. - Continued.

(b) Continued.

(b-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.4	10.17	8.33	288.7	1.1	179.2	179.1	179.1	3.3	.541
24.5	10.17	8.34	288.6	.7	178.9	178.9	178.9	2.2	.541
37.7	10.23	8.35	289.9	1.2	181.2	181.1	181.2	3.8	.547
56.3	10.26	8.39	289.4	.5	180.6	180.5	180.6	1.6	.545
62.3	10.27	8.40	289.2	1.8	180.2	180.0	180.1	5.6	.544
85.0	10.00	8.53	288.4	1.2	160.5	160.4	160.4	3.5	.482
100.6	10.17	8.55	288.5	.6	167.6	167.5	167.6	1.6	.505
112.9	10.20	8.58	287.2	1.4	166.5	166.4	166.5	4.1	.502
128.6	10.20	8.62	286.9	-.1	164.8	164.7	164.8	-.2	.497
143.9	10.27	8.64	288.1	-2.2	167.0	166.8	166.9	-6.3	.503
162.5	9.97	8.66	286.7	2.1	150.6	150.5	150.5	5.6	.453
178.7	10.13	8.67	287.3	1.9	158.4	158.3	158.4	5.2	.477
194.4	10.28	8.67	288.1	1.0	166.1	166.0	166.1	3.0	.500
207.5	10.27	8.65	287.5	.6	166.7	166.6	166.6	1.7	.503
220.7	10.13	8.62	287.5	-.5	161.3	161.3	161.3	-1.5	.486
239.3	10.17	8.58	288.3	-1.1	166.0	165.9	165.9	-3.1	.500
245.3	10.17	8.55	289.1	-.2	167.2	167.1	167.2	-.6	.503
268.0	10.13	8.48	288.5	-1.4	169.2	169.1	169.2	-4.2	.510
283.6	10.06	8.46	287.8	-1.7	167.0	166.9	166.9	-4.9	.503
295.9	10.23	8.44	288.0	-2.0	175.9	175.7	175.8	-6.2	.531
311.6	10.18	8.40	287.8	-2.3	175.6	175.4	175.4	-6.9	.531
326.9	10.25	8.36	287.2	-2.1	180.6	180.4	180.5	-6.5	.547
339.5	10.16	8.35	288.7	-2.2	177.9	177.7	177.7	-6.9	.537
355.7	10.26	8.34	288.9	-.3	182.7	182.6	182.7	-.9	.552

(b-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.25	8.33	288.8	.9	182.5	182.4	182.5	2.8	.552
25.4	10.23	8.35	288.2	.5	180.6	180.5	180.6	1.4	.546
37.5	10.19	8.36	289.2	2.2	178.7	178.5	178.6	6.9	.539
57.1	10.26	8.46	288.4	2.9	176.3	176.0	176.1	9.0	.532
69.2	10.11	8.42	289.4	.3	171.4	171.4	171.4	.8	.517
84.7	9.98	8.52	288.1	.2	159.9	159.8	159.9	.6	.481
100.5	10.14	8.53	288.9	1.2	167.3	167.2	167.2	3.5	.503
112.6	10.23	8.57	287.7	2.0	169.3	169.1	169.2	5.8	.511
128.5	10.19	8.59	287.9	1.6	165.8	165.7	165.8	4.7	.500
143.8	10.21	8.61	287.0	.4	165.8	165.7	165.8	1.2	.500
155.6	10.10	8.64	287.0	2.6	158.7	158.5	158.6	7.1	.478
178.7	10.20	8.67	287.6	1.9	162.2	162.1	162.1	5.4	.488
194.9	10.26	8.66	288.1	1.2	165.3	165.2	165.3	3.5	.498
208.4	10.25	8.64	287.4	-.3	165.7	165.6	165.7	-.9	.500
220.5	10.18	8.63	288.1	-.4	163.6	163.5	163.6	-1.1	.492
240.1	10.16	8.56	287.3	-1.7	166.3	166.1	166.2	-5.0	.502
252.2	10.15	8.49	287.9	-1.3	169.8	169.7	169.7	-3.9	.512
267.7	10.07	8.46	287.2	-1.3	167.4	167.3	167.3	-3.8	.505
283.5	10.11	8.43	287.5	-2.0	171.0	170.8	170.9	-6.1	.516
295.6	10.22	8.42	287.5	-3.1	176.7	176.3	176.4	-9.7	.534
311.5	10.18	8.40	287.8	-2.7	176.0	175.7	175.8	-8.3	.532
326.8	10.25	8.37	287.4	-1.2	179.8	179.7	179.7	-3.9	.545
332.6	10.23	8.36	289.0	-2.2	180.3	180.1	180.1	-6.8	.544
355.7	10.20	8.33	288.9	-.0	180.3	180.3	180.3	-.1	.545

TABLE V. - Continued.

(b) Continued.

(b-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS HACH NO
12.1	10.20	8.37	287.9	-.2	178.5	178.4	178.5	-.6	.540
25.0	10.27	8.37	289.0	.8	181.7	181.6	181.7	2.5	.549
37.4	10.27	8.38	288.9	2.2	181.1	180.9	181.0	6.8	.547
56.7	10.28	8.39	289.5	3.7	181.3	180.9	181.0	11.5	.547
69.0	10.20	8.54	288.8	2.8	169.5	169.2	169.3	8.4	.510
82.2	10.12	8.56	288.2	2.5	164.4	164.2	164.3	7.1	.495
100.5	10.28	8.57	287.7	3.4	170.8	170.4	170.5	10.1	.515
112.7	10.28	8.60	289.0	1.8	170.0	169.8	169.9	5.2	.512
128.7	10.28	8.61	286.8	2.3	168.9	168.7	168.7	6.7	.510
143.9	10.27	8.63	287.1	.5	167.2	167.1	167.2	1.4	.505
163.2	10.17	8.65	288.0	3.0	161.9	161.6	161.7	8.5	.487
179.1	10.22	8.66	287.6	2.6	163.7	163.5	163.6	7.5	.493
195.1	10.28	8.65	287.5	.9	166.8	166.7	166.8	2.5	.503
208.0	10.27	8.64	287.4	-2.1	166.8	166.6	166.7	-6.0	.503
220.4	10.23	8.62	288.6	-2.4	166.6	166.4	166.4	-7.0	.501
239.7	10.20	8.57	287.5	-3.9	167.2	166.7	166.8	-11.5	.504
252.0	10.27	8.53	287.4	-3.6	172.6	172.2	172.3	-10.7	.522
265.2	10.22	8.49	287.3	-4.1	172.5	171.9	172.0	-12.4	.521
283.5	10.24	8.47	288.6	-3.9	175.1	174.7	174.7	-11.8	.529
295.7	10.26	8.44	288.2	-4.1	177.0	176.5	176.5	-12.7	.535
311.7	10.26	8.42	287.9	-3.9	178.3	177.8	177.9	-12.0	.539
326.9	10.26	8.40	287.4	-2.3	178.9	178.7	178.7	-7.1	.542
340.2	10.27	8.39	289.8	-1.0	181.0	180.9	181.0	-3.2	.546
356.1	10.26	8.37	289.5	-.4	181.2	181.1	181.2	-1.1	.547

(b-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS HACH NO
11.7	10.25	8.41	288.6	.5	178.6	178.5	178.6	1.6	.540
24.9	10.24	8.41	288.9	1.6	178.1	178.0	178.1	4.8	.538
37.6	10.27	8.43	288.8	2.9	178.5	178.2	178.3	8.9	.539
56.7	10.29	8.44	289.1	4.5	178.9	178.3	178.3	14.1	.540
69.0	10.29	8.56	288.2	3.6	172.4	171.9	172.0	10.8	.520
84.7	10.29	8.57	289.7	4.8	171.8	171.1	171.2	14.5	.517
100.4	10.28	8.58	288.6	3.8	170.6	170.2	170.3	11.3	.514
112.6	10.28	8.59	288.1	3.8	170.0	169.6	169.7	11.2	.513
128.6	10.24	8.61	288.8	3.4	167.2	166.8	166.9	9.9	.503
143.9	10.23	8.63	287.0	1.6	165.3	165.2	165.3	4.6	.499
163.1	10.24	8.65	287.6	4.1	165.2	164.7	164.8	11.8	.498
179.2	10.27	8.66	288.3	3.5	166.0	165.7	165.7	10.0	.500
194.7	10.28	8.66	288.2	.3	166.7	166.6	166.7	.8	.502
207.9	10.25	8.65	288.0	-1.1	165.7	165.6	165.7	-3.2	.499
220.6	10.26	8.63	288.4	-2.6	167.1	166.8	166.9	-7.5	.503
239.7	10.24	8.59	287.5	-3.5	167.9	167.5	167.6	-10.3	.507
252.0	10.25	8.54	287.8	-4.8	171.3	170.6	170.7	-14.2	.517
267.7	10.28	8.50	287.6	-4.6	174.8	174.1	174.2	-14.1	.528
283.4	10.28	8.48	288.2	-5.4	176.1	175.2	175.3	-16.4	.532
295.6	10.28	8.46	287.6	-4.3	176.6	176.0	176.1	-13.4	.534
311.6	10.28	8.45	287.5	-4.0	177.4	176.9	177.0	-12.2	.537
326.9	10.27	8.43	288.1	-2.4	178.2	178.0	178.1	-7.5	.539
340.1	10.28	8.42	287.9	-2.4	179.2	179.0	179.0	-7.5	.542
356.2	10.27	8.41	289.1	-1.4	179.6	179.4	179.5	-4.4	.542

TABLE V. - Continued.

(b) Continued.

(b-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	10.25	8.43	288.3	-.2	177.4	177.3	177.4	-.6	.536
25.1	10.27	8.44	289.1	1.8	178.3	178.1	178.2	5.6	.538
37.5	10.29	8.45	288.0	2.6	178.5	178.2	178.3	8.0	.539
57.0	10.28	8.45	289.5	3.5	177.8	177.4	177.5	10.9	.536
69.2	10.28	8.57	288.3	3.8	170.9	170.5	170.6	11.2	.515
84.7	10.25	8.59	288.7	5.7	169.2	168.3	168.4	16.9	.510
100.3	10.28	8.60	289.4	4.8	170.2	169.6	169.6	14.2	.512
112.7	10.28	8.60	288.8	4.0	169.6	169.1	169.2	11.7	.511
129.0	10.28	8.62	287.7	4.2	168.2	167.7	167.8	12.3	.507
143.9	10.28	8.64	287.8	1.5	167.5	167.4	167.5	4.5	.505
163.0	10.26	8.65	288.1	4.6	165.9	165.3	165.4	13.4	.500
179.1	10.28	8.66	288.0	1.7	166.0	165.9	166.0	4.8	.500
190.5	10.29	8.66	287.4	.1	166.6	166.5	166.6	.1	.503
208.1	10.29	8.65	287.7	-.6	167.0	166.9	166.9	-1.7	.503
220.5	10.26	8.64	287.9	-3.4	166.5	166.1	166.2	-9.7	.502
240.0	10.28	8.60	288.8	-4.4	169.8	169.3	169.3	-12.9	.511
252.2	10.28	8.55	289.2	-5.4	172.6	171.8	171.8	-16.3	.520
267.7	10.28	8.51	288.1	-5.6	174.5	173.6	173.7	-17.0	.527
283.3	10.27	8.49	288.2	-5.9	175.4	174.4	174.4	-18.0	.530
295.7	10.28	8.47	288.4	-5.2	176.5	175.7	175.8	-16.1	.533
312.0	10.28	8.46	287.1	-4.1	176.8	176.3	176.4	-12.7	.535
326.9	10.28	8.45	287.3	-2.3	177.3	177.1	177.2	-7.0	.537
340.0	10.29	8.44	288.6	-1.9	179.5	178.4	178.4	-6.0	.539
356.1	10.28	8.43	288.6	-1.0	178.6	178.5	178.6	-3.1	.540

(b-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.0	10.29	8.51	288.2	-.3	175.2	175.2	175.2	-.8	.529
24.6	10.23	8.51	287.9	1.6	172.1	172.0	172.0	4.8	.519
37.7	10.29	8.51	289.0	4.1	174.9	174.4	174.4	12.5	.527
57.0	10.29	8.50	289.1	5.3	175.5	174.7	174.7	16.2	.529
69.2	10.29	8.62	287.4	4.7	169.0	168.4	168.4	13.8	.510
84.8	10.29	8.63	288.1	6.5	168.4	167.3	167.3	18.9	.508
100.0	10.28	8.63	288.8	6.5	168.5	167.4	167.4	19.1	.507
112.6	10.29	8.63	287.3	4.8	168.2	167.6	167.6	14.0	.508
128.6	10.29	8.63	288.5	6.3	168.1	167.1	167.1	18.3	.506
143.9	10.29	8.65	288.5	2.8	167.6	167.3	167.4	8.2	.505
162.8	10.29	8.66	288.0	4.3	166.8	166.3	166.4	12.6	.503
171.8	10.29	8.66	287.5	2.1	166.3	166.2	166.2	5.9	.502
195.0	10.29	8.66	288.1	-1.4	166.6	166.5	166.6	-4.1	.502
207.6	10.29	8.66	287.6	-1.2	166.7	166.6	166.6	-3.4	.502
220.7	10.29	8.66	287.7	-3.3	166.7	166.4	166.4	-9.6	.502
240.0	10.28	8.61	288.5	-5.3	169.1	168.3	168.4	-15.7	.509
252.2	10.28	8.57	288.6	-6.6	171.6	170.5	170.5	-19.7	.517
267.8	10.28	8.52	288.8	-6.8	174.0	172.7	172.7	-20.7	.525
283.0	10.28	8.52	287.5	-5.6	173.7	172.8	172.9	-16.9	.525
295.6	10.28	8.51	289.2	-7.5	174.7	173.1	173.2	-22.9	.526
311.6	10.28	8.50	287.3	-4.7	174.5	173.9	174.0	-14.3	.528
326.9	10.28	8.50	287.9	-2.2	175.0	174.8	174.9	-6.7	.529
339.8	10.29	8.50	288.8	-5.4	175.8	175.0	175.0	-16.6	.530
348.8	10.29	8.50	288.7	-3.3	175.5	175.2	175.3	-10.1	.530

TABLE V. - Continued.

(b) Continued.

(b-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.31	8.59	288.3	-1.9	171.5	171.4	171.4	-5.8	.517
25.2	10.31	8.59	288.1	.3	171.5	171.5	171.5	1.0	.517
37.4	10.31	8.58	288.2	4.5	171.8	171.2	171.3	13.4	.518
56.9	10.31	8.57	288.6	7.1	172.8	171.5	171.5	21.4	.521
68.7	10.30	8.66	288.9	8.5	167.7	165.9	165.9	24.6	.505
84.9	10.30	8.66	288.4	6.3	167.2	166.2	166.2	18.2	.503
100.0	10.30	8.67	288.7	9.8	167.0	164.6	164.6	28.4	.503
113.0	10.30	8.67	288.7	8.6	166.7	164.8	164.8	25.0	.502
128.6	10.29	8.68	289.3	6.7	166.4	165.3	165.3	19.5	.500
143.9	10.29	8.69	288.5	4.8	165.6	165.0	165.1	13.7	.498
163.2	10.30	8.70	289.5	4.8	165.6	165.0	165.0	13.8	.497
179.2	10.30	8.70	288.6	.8	165.2	165.2	165.2	2.2	.497
195.2	10.31	8.70	288.4	-2.1	165.4	165.2	165.3	-6.1	.498
208.2	10.30	8.69	288.4	-4.8	165.8	165.2	165.2	-14.0	.499
220.4	10.30	8.68	288.5	-4.9	166.5	165.9	165.9	-14.2	.501
239.9	10.30	8.63	289.4	-6.8	169.1	167.9	167.9	-19.9	.509
251.7	10.30	8.59	289.5	-7.8	171.4	169.8	169.8	-23.2	.516
267.9	10.30	8.56	288.0	-8.7	172.5	170.6	170.6	-26.0	.521
283.0	10.29	8.56	289.4	-9.5	173.0	170.6	170.6	-28.5	.521
296.0	10.29	8.56	289.9	-7.9	173.0	171.4	171.4	-23.8	.521
311.6	10.29	8.54	289.5	-7.3	173.4	172.0	172.0	-21.9	.522
326.9	10.29	8.55	289.5	-4.7	173.1	172.5	172.5	-14.0	.521
340.2	10.30	8.56	288.8	-7.0	172.8	171.5	171.5	-21.0	.521
356.2	10.31	8.58	288.8	-5.0	172.3	171.6	171.6	-14.9	.519

(b-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.6	9.38	8.05	288.3	8.3	157.2	155.5	155.5	22.7	.472
20.6	9.45	8.05	288.5	6.7	160.7	159.6	159.6	18.7	.483
33.5	9.50	8.06	288.5	3.6	162.8	162.5	162.5	10.1	.490
52.6	9.55	8.07	288.8	3.0	165.2	165.0	165.0	8.7	.497
64.5	9.21	8.08	288.0	-.5	145.7	145.7	145.7	-1.4	.437
80.6	9.47	8.10	288.3	1.2	159.1	159.0	159.0	3.4	.478
96.1	9.53	8.17	288.1	1.8	157.6	157.5	157.6	4.9	.474
108.3	9.57	8.19	288.0	2.5	158.7	158.6	158.6	7.0	.477
124.8	9.64	8.13	287.8	2.5	165.7	165.5	165.6	7.2	.499
139.6	9.76	8.19	287.4	3.1	168.1	167.9	167.9	9.0	.507
163.9	9.70	8.21	288.0	-2.0	163.8	163.6	163.7	-5.6	.493
179.7	9.79	8.28	288.1	-.8	164.7	164.6	164.7	-2.3	.496
191.7	9.92	8.29	288.6	.0	170.3	170.3	170.3	.1	.513
208.7	9.97	8.28	289.1	1.7	173.4	173.3	173.3	5.2	.522
221.6	9.94	8.25	288.9	2.5	173.3	173.1	173.1	7.7	.522
240.7	9.80	8.22	288.6	3.8	168.4	168.0	168.0	11.2	.507
252.6	9.69	8.21	288.1	3.5	163.6	163.3	163.3	10.0	.492
268.7	9.65	8.19	288.0	3.7	162.8	162.4	162.4	10.5	.490
284.2	9.58	8.16	288.0	4.4	161.0	160.5	160.5	12.4	.484
296.4	9.53	8.13	288.1	5.0	159.9	159.3	159.3	13.9	.481
312.9	9.46	8.14	288.0	5.8	156.1	155.3	155.3	15.9	.469
327.7	9.39	8.13	288.0	6.0	152.5	151.6	151.7	16.0	.458
335.8	9.30	8.12	287.7	11.1	148.1	145.3	145.3	28.5	.444
351.6	9.45	8.09	288.5	10.6	158.3	155.6	155.6	29.1	.475

TABLE V. - Continued.

(b) Continued.

(b-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.1	9.51	8.05	287.6	6.6	163.9	162.9	162.9	18.8	.494
20.3	9.78	8.05	288.1	5.6	176.9	176.1	176.1	17.4	.535
33.0	9.61	8.06	288.0	5.1	168.5	167.8	167.8	15.1	.508
52.3	9.66	8.09	287.9	4.5	169.3	168.8	168.8	13.2	.511
64.5	9.34	8.09	287.1	2.5	152.1	152.0	152.0	6.5	.457
80.3	9.63	8.10	287.9	3.9	166.7	166.3	166.3	11.4	.502
95.8	9.61	8.13	287.6	3.7	163.9	163.5	163.5	10.5	.494
108.7	9.71	8.16	287.5	3.7	167.8	167.4	167.4	11.0	.506
124.6	9.71	8.16	287.4	2.8	167.8	167.6	167.6	8.2	.506
139.6	9.82	8.19	287.3	3.6	171.1	170.8	170.8	10.6	.517
163.6	9.73	8.22	287.7	-1.4	165.0	164.9	164.9	-4.0	.497
179.9	9.85	8.25	287.7	-.9	168.8	168.7	168.8	-2.5	.509
196.2	9.99	8.28	288.2	.3	173.9	173.9	173.9	.9	.525
208.4	10.06	8.28	288.6	.9	177.1	177.0	177.0	2.7	.535
221.1	10.00	8.26	288.7	1.8	175.7	175.6	175.6	5.6	.530
240.4	9.81	8.22	288.3	2.9	168.6	168.3	168.3	8.7	.508
252.6	9.73	8.20	287.8	2.4	166.2	166.1	166.1	7.1	.501
268.4	9.68	8.18	287.6	2.5	164.9	164.7	164.7	7.2	.497
283.9	9.67	8.16	287.8	3.0	165.9	165.6	165.6	8.8	.500
296.8	9.64	8.15	287.6	2.8	165.0	164.8	164.8	8.1	.497
312.7	9.56	8.14	287.5	3.2	161.4	161.2	161.2	8.9	.496
327.7	9.58	8.12	287.4	2.1	163.3	163.2	163.2	5.9	.492
335.5	9.43	8.11	287.3	8.4	156.0	154.4	154.4	22.8	.469
351.8	9.56	8.09	287.3	7.3	164.0	162.7	162.7	20.8	.494

(b-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	9.35	8.07	286.0	4.3	153.9	153.5	153.5	11.6	.464
20.6	9.73	8.06	287.3	5.4	173.9	173.1	173.1	16.3	.526
33.5	9.77	8.09	287.2	5.2	173.9	173.1	173.1	15.9	.526
52.4	9.71	8.10	287.5	5.6	170.5	169.7	169.7	16.7	.515
64.5	9.51	8.08	287.1	5.9	162.3	161.4	161.4	16.7	.489
80.3	9.86	8.10	287.9	5.2	177.6	176.9	176.9	16.1	.537
95.5	9.73	8.12	287.3	5.7	170.0	169.2	169.2	16.9	.513
108.7	9.77	8.12	287.1	4.5	172.3	171.8	171.8	13.6	.521
123.5	9.81	8.14	287.0	3.7	173.1	172.7	172.7	11.3	.523
139.5	9.86	8.13	286.9	4.3	175.6	175.1	175.1	13.3	.532
164.4	9.75	8.18	287.3	-.7	168.1	168.1	168.1	-2.1	.507
180.0	9.88	8.20	287.6	-.3	173.0	173.0	173.0	-.8	.523
195.9	10.02	8.26	287.8	-.3	176.1	176.1	176.1	-1.1	.532
208.7	10.04	8.27	288.1	.3	176.4	176.4	176.4	.8	.533
221.6	10.01	8.24	288.1	.7	176.9	176.8	176.8	2.2	.534
240.5	9.80	8.20	287.9	1.0	169.4	169.4	169.4	2.9	.511
252.6	9.77	8.18	287.5	.1	169.0	169.0	169.0	.2	.510
268.4	9.78	8.15	287.7	.1	171.3	171.3	171.3	.4	.517
283.6	9.81	8.13	287.6	.2	173.5	173.5	173.5	.5	.524
296.8	9.87	8.12	287.6	-1.0	176.9	176.9	176.9	-3.2	.535
311.6	9.76	8.13	287.4	.1	171.4	171.4	171.4	.2	.518
327.6	9.90	8.10	287.8	-1.8	179.5	179.4	179.4	-5.5	.543
336.3	9.74	8.08	287.7	3.8	173.4	173.0	173.0	11.4	.524
351.8	9.61	8.07	286.9	4.3	167.1	166.6	166.6	12.5	.504

TABLE V. - Continued.

(b) Continued.

(b-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	9.95	8.04	288.1	3.3	184.8	184.5	184.5	10.7	.560
13.1	9.90	8.04	287.9	4.1	182.8	182.3	182.3	13.0	.554
33.4	9.97	8.06	287.8	3.8	184.6	184.2	184.2	12.1	.560
52.7	9.91	8.07	288.0	3.7	181.6	181.2	181.2	11.7	.550
64.7	9.84	8.08	287.7	4.8	177.7	177.1	177.1	14.8	.538
80.6	9.95	8.11	287.5	4.3	181.0	180.5	180.5	13.5	.548
95.9	9.78	8.10	287.4	4.3	173.7	173.2	173.2	13.0	.525
108.3	9.92	8.09	287.3	3.6	180.7	180.3	180.3	11.3	.547
124.2	9.85	8.08	287.0	3.5	178.0	177.7	177.7	10.8	.539
139.6	9.93	8.11	286.9	2.8	179.7	179.5	179.5	8.8	.545
163.9	9.79	8.13	287.2	-1.6	172.5	172.4	172.4	-4.7	.521
179.9	9.91	8.16	287.3	-1.4	176.5	176.4	176.4	-4.3	.534
195.7	10.07	8.23	288.2	-1.8	180.3	180.2	180.2	-5.6	.545
201.2	10.08	8.24	288.2	-1.7	180.3	180.2	180.2	-5.3	.545
221.5	10.05	8.21	288.5	-1.4	180.8	180.7	180.7	-4.5	.547
240.8	9.81	8.16	287.3	-2.0	171.8	171.7	171.7	-5.9	.519
252.8	9.92	8.14	287.6	-1.8	178.0	177.9	177.9	-5.7	.539
268.7	9.92	8.11	287.9	-1.8	179.6	179.5	179.5	-5.6	.544
284.0	9.84	8.09	287.5	-1.8	177.2	177.1	177.1	-5.6	.536
296.4	9.89	8.09	287.2	-2.3	179.3	179.2	179.2	-7.2	.543
312.3	9.91	8.10	287.7	-2.0	179.8	179.7	179.7	-6.3	.544
327.7	10.05	8.07	287.7	-2.6	187.5	187.3	187.3	-8.5	.569
335.8	9.95	8.05	288.2	2.3	184.3	184.2	184.2	7.5	.558
351.8	9.90	8.06	288.0	2.7	181.9	181.7	181.7	8.6	.551

(b-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	10.07	8.04	288.2	3.1	189.8	189.5	189.5	10.4	.576
20.2	10.07	8.04	287.4	3.2	189.5	189.2	189.2	10.7	.576
33.4	10.04	8.05	287.6	2.8	188.3	188.0	188.0	9.1	.572
52.0	10.06	8.06	288.0	3.5	188.2	187.9	187.9	11.4	.571
58.0	10.00	8.07	288.1	3.9	185.7	185.2	185.2	12.8	.563
80.7	10.03	8.12	287.7	3.2	184.3	184.0	184.0	10.2	.559
96.3	9.82	8.08	287.5	2.8	176.6	176.4	176.4	8.8	.534
108.6	9.97	8.07	286.9	2.9	183.5	183.3	183.3	9.4	.557
124.3	10.03	8.09	287.1	3.0	185.6	185.3	185.3	9.7	.563
139.6	9.97	8.11	287.1	2.6	181.8	181.6	181.6	8.1	.551
163.3	9.83	8.14	287.4	-2.2	174.0	173.9	173.9	-6.6	.526
179.5	9.92	8.16	287.4	-2.3	177.0	176.9	176.9	-7.2	.536
195.2	10.08	8.19	288.3	-2.9	182.7	182.4	182.4	-9.2	.553
208.3	10.10	8.20	288.5	-2.4	183.4	183.2	183.2	-7.7	.555
221.5	10.07	8.18	288.1	-2.3	182.8	182.6	182.6	-7.3	.553
240.1	9.94	8.15	287.3	-3.0	178.5	178.2	178.2	-9.4	.540
246.1	9.97	8.14	288.1	-2.8	180.7	180.5	180.5	-8.7	.547
268.8	9.98	8.11	288.5	-3.2	182.2	182.0	182.0	-10.1	.551
284.4	9.97	8.09	288.1	-2.8	183.1	182.9	182.9	-8.9	.554
296.7	9.92	8.09	287.4	-2.8	180.8	180.6	180.6	-8.9	.548
312.4	9.98	8.10	288.1	-3.1	183.0	182.7	182.7	-9.8	.554
327.7	10.08	8.08	287.9	-3.5	188.3	188.0	188.0	-11.4	.572
335.2	10.02	8.06	288.2	1.8	186.9	186.8	186.8	5.9	.567
351.4	10.07	8.05	288.2	2.3	189.3	189.2	189.2	7.5	.574

TABLE V. - Continued.

(b) Continued.

(b-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
7.6	10.10	8.05	287.7	2.0	190.2	190.1	190.1	6.7	.578
21.1	10.05	8.05	287.5	1.9	188.4	188.3	188.3	6.3	.572
33.2	10.07	8.06	287.3	2.0	188.7	188.6	188.6	6.4	.573
52.8	10.11	8.08	288.0	2.1	189.7	189.5	189.5	7.0	.576
64.9	10.06	8.09	288.3	2.7	187.1	186.9	186.9	8.7	.567
80.4	10.04	8.10	287.6	2.3	185.8	185.6	185.6	7.6	.564
96.2	9.89	8.09	287.2	1.7	179.8	179.7	179.7	5.2	.545
108.3	10.02	8.08	287.2	1.9	185.4	185.3	185.3	6.1	.563
124.2	10.05	8.07	287.4	1.8	187.2	187.0	187.1	6.0	.568
139.5	10.05	8.09	287.2	1.7	185.9	185.8	185.8	5.6	.564
156.4	9.86	8.11	287.3	-2.9	177.3	177.1	177.1	-8.8	.537
179.5	10.00	8.15	287.8	-3.1	180.8	180.5	180.5	-9.9	.547
195.7	10.09	8.18	288.8	-2.9	184.2	183.9	183.9	-9.4	.557
209.2	10.10	8.18	288.3	-3.2	184.1	183.8	183.9	-10.3	.558
221.3	10.05	8.16	288.1	-3.2	182.6	182.3	182.3	-10.3	.553
240.9	9.94	8.14	287.7	-3.5	178.9	178.5	178.5	-11.0	.541
253.0	9.98	8.12	288.0	-3.6	182.0	181.6	181.7	-11.4	.551
268.5	9.98	8.09	287.8	-3.7	183.5	183.1	183.1	-11.9	.556
284.3	10.01	8.08	288.2	-3.6	185.3	184.9	184.9	-11.5	.561
296.4	9.97	8.08	287.5	-3.7	183.5	183.1	183.1	-11.9	.556
312.3	10.08	8.07	288.0	-3.7	188.5	188.1	188.1	-12.2	.572
327.6	10.09	8.07	287.9	-3.8	189.1	188.7	188.7	-12.5	.574
328.3	10.05	8.07	287.9	1.1	187.6	187.5	187.5	3.7	.569
351.4	10.09	8.06	287.8	1.5	189.7	189.6	189.6	4.8	.576

(b-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
7.8	10.09	8.05	287.0	.1	190.1	190.0	190.1	.4	.578
20.7	10.07	8.05	287.2	.2	189.2	189.1	189.2	.5	.575
33.1	10.07	8.06	287.2	-.1	188.7	188.6	188.7	-.3	.573
52.4	10.13	8.05	287.2	.2	191.4	191.3	191.4	.5	.582
64.7	10.13	8.08	287.4	.3	190.1	190.0	190.1	1.0	.578
77.9	10.10	8.10	287.5	.4	187.7	187.6	187.7	1.4	.570
96.2	10.00	8.09	287.3	-.1	184.4	184.3	184.4	-.3	.559
108.4	10.05	8.09	287.1	-.2	186.1	186.0	186.1	-.7	.565
124.4	10.07	8.10	287.2	-.2	186.5	186.4	186.5	-.5	.566
139.6	10.12	8.10	287.1	-.3	188.4	188.3	188.4	-1.0	.573
164.0	10.04	8.13	287.8	-5.0	183.6	182.9	183.0	-15.8	.557
179.9	10.06	8.15	288.2	-5.1	183.7	182.8	182.9	-16.2	.556
195.9	10.12	8.17	288.1	-5.2	185.4	184.5	184.6	-16.9	.562
208.8	10.11	8.17	288.3	-5.5	185.2	184.2	184.3	-17.6	.561
221.2	10.09	8.16	288.4	-5.2	184.9	184.1	184.2	-16.8	.560
240.5	10.02	8.12	287.9	-5.6	183.3	182.4	182.5	-17.9	.555
252.8	10.06	8.12	288.0	-5.5	185.4	184.4	184.5	-17.9	.562
266.0	10.06	8.10	287.8	-5.5	186.3	185.3	185.4	-18.0	.565
284.3	10.08	8.09	288.2	-5.6	187.6	186.6	186.7	-18.3	.569
296.5	10.08	8.09	288.2	-5.8	187.8	186.7	186.8	-19.0	.569
312.5	10.11	8.09	287.7	-5.6	188.7	187.7	187.8	-18.3	.573
327.7	10.11	8.08	287.5	-5.5	189.6	188.6	188.7	-18.3	.576
335.9	10.13	8.07	288.0	-.3	191.0	190.9	191.0	-1.1	.580
351.8	10.13	8.05	287.8	.1	191.5	191.4	191.5	.2	.582

TABLE V. - Continued.

(b) Continued.

(b-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	10.11	8.06	287.3	-1.8	189.8	189.5	189.7	-5.9	.577
20.6	10.08	8.07	287.4	-1.7	188.6	188.3	188.5	-5.6	.573
33.3	10.09	8.07	287.0	-1.8	188.8	188.5	188.7	-6.0	.574
52.4	10.12	8.09	287.0	-1.7	189.3	189.0	189.2	-5.5	.576
64.7	10.12	8.10	287.4	-1.7	188.8	188.5	188.8	-5.6	.574
80.4	10.11	8.11	287.2	-1.4	187.7	187.5	187.7	-4.5	.570
96.1	10.09	8.11	287.3	-1.7	187.1	186.8	187.0	-5.5	.568
108.3	10.09	8.11	287.2	-1.7	186.9	186.6	186.8	-5.6	.568
124.3	10.11	8.12	287.3	-1.8	187.2	186.9	187.1	-6.0	.568
139.6	10.12	8.12	286.9	-2.0	187.6	187.3	187.5	-6.4	.570
163.9	10.08	8.13	288.4	-6.4	186.0	184.6	184.8	-20.6	.563
180.0	10.09	8.15	288.9	-6.6	185.7	184.2	184.4	-21.4	.562
195.5	10.12	8.15	288.1	-6.9	186.0	184.5	184.7	-22.3	.564
208.7	10.12	8.16	288.1	-6.7	185.6	184.2	184.4	-21.5	.563
221.4	10.11	8.16	288.3	-6.6	185.4	184.0	184.2	-21.1	.562
240.5	10.09	8.14	288.1	-6.9	185.2	183.7	183.9	-22.3	.561
252.8	10.11	8.12	288.1	-6.9	187.1	185.5	185.7	-22.5	.567
268.5	10.10	8.11	288.1	-6.7	187.8	186.3	186.5	-22.0	.570
284.2	10.10	8.10	288.2	-7.0	188.3	186.7	186.9	-22.8	.571
296.4	10.11	8.10	288.0	-6.9	188.5	186.9	187.1	-22.5	.572
312.4	10.11	8.10	287.4	-6.8	188.4	186.9	187.1	-22.3	.572
327.7	10.11	8.09	287.7	-6.9	188.6	187.0	187.2	-22.5	.573
335.8	10.13	8.09	286.9	-2.0	189.2	188.9	189.1	-6.5	.575
351.9	10.12	8.07	287.2	-1.7	190.3	190.0	190.2	-5.7	.579

(b-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.2	10.12	8.08	286.8	-2.6	189.1	189.6	188.9	-8.7	.575
20.8	10.10	8.09	287.1	-2.5	188.0	187.5	187.8	-8.2	.571
33.2	10.09	8.10	287.1	-2.6	187.5	187.0	187.3	-8.3	.570
52.7	10.12	8.10	287.5	-2.5	188.4	187.9	188.2	-8.2	.572
64.9	10.12	8.11	287.6	-2.3	188.0	187.6	187.9	-7.6	.571
80.4	10.11	8.12	287.2	-2.0	187.2	186.8	187.1	-6.6	.569
96.0	10.10	8.11	287.0	-2.2	187.0	186.6	186.9	-7.1	.568
108.4	10.11	8.11	287.1	-2.6	187.5	187.1	187.3	-8.4	.570
124.7	10.10	8.13	287.3	-2.6	186.4	185.9	186.2	-8.4	.566
139.6	10.11	8.14	287.3	-2.8	186.5	186.0	186.3	-9.2	.566
163.8	10.10	8.16	288.7	-7.3	185.1	183.4	183.7	-23.4	.560
179.9	10.11	8.17	288.5	-7.2	184.8	183.0	183.3	-23.2	.559
191.3	10.12	8.18	288.1	-7.6	184.8	182.8	183.1	-24.5	.560
208.9	10.12	8.18	288.8	-7.6	185.0	183.1	183.4	-24.4	.560
221.3	10.11	8.18	288.4	-7.3	184.6	182.9	183.2	-23.4	.559
240.8	10.11	8.16	288.5	-7.1	185.6	183.9	184.2	-22.9	.562
253.0	10.11	8.13	288.7	-7.4	187.2	185.4	185.7	-24.0	.567
268.5	10.11	8.11	288.4	-7.6	187.8	185.9	186.2	-24.7	.569
284.1	10.12	8.11	287.9	-7.4	188.2	186.4	186.7	-24.3	.571
296.5	10.12	8.10	288.4	-7.7	188.7	186.7	187.0	-25.2	.572
312.8	10.12	8.11	287.5	-7.3	188.3	186.4	186.7	-24.0	.572
327.7	10.12	8.11	287.5	-7.4	188.2	186.4	186.7	-24.0	.572
335.7	10.13	8.11	286.8	-2.7	188.3	187.8	188.1	-8.8	.572
351.8	10.12	8.10	286.8	-2.6	188.8	188.3	188.6	-8.7	.574

TABLE V. - Continued.

(b) Continued.

(b-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.7	10.10	8.16	287.0	-6.7	184.6	182.4	183.4	-21.4	.560
20.3	10.10	8.17	287.1	-6.6	184.1	181.9	182.9	-21.1	.559
33.4	10.10	8.17	287.3	-6.5	184.3	182.1	183.1	-20.8	.559
52.7	10.11	8.17	287.1	-6.4	184.2	182.1	183.1	-20.3	.559
64.9	10.10	8.19	286.5	-6.4	183.1	181.0	182.0	-20.3	.556
80.5	10.09	8.19	287.3	-6.3	182.8	180.7	181.7	-19.9	.554
95.7	10.09	8.19	287.1	-6.3	183.0	180.9	181.9	-19.9	.555
108.3	10.09	8.19	287.2	-6.4	182.7	180.6	181.6	-20.2	.554
124.3	10.10	8.19	286.9	-6.4	183.2	181.1	182.1	-20.2	.556
139.6	10.09	8.19	287.1	-6.8	182.5	180.2	181.2	-21.6	.554
163.6	10.09	8.20	288.2	-11.5	182.4	177.8	178.8	-36.2	.552
172.6	10.08	8.21	287.9	-11.3	181.8	177.4	178.3	-35.5	.551
195.8	10.09	8.23	288.4	-11.5	181.0	176.4	177.4	-36.0	.547
208.4	10.09	8.23	288.0	-11.3	181.1	176.7	177.6	-35.3	.548
221.5	10.09	8.22	288.4	-11.4	181.6	177.1	178.1	-35.6	.549
240.8	10.09	8.21	288.1	-11.3	182.0	177.5	178.5	-35.4	.551
253.0	10.09	8.20	288.3	-11.3	182.5	178.0	179.0	-35.7	.552
268.6	10.08	8.18	288.5	-11.2	183.1	178.6	179.6	-35.4	.554
283.8	10.09	8.17	288.5	-11.4	184.2	179.6	180.5	-36.3	.557
296.4	10.08	8.17	288.6	-11.3	183.6	179.1	180.1	-35.9	.556
312.4	10.09	8.17	288.0	-11.2	184.0	179.5	180.5	-35.6	.557
327.7	10.10	8.17	287.6	-11.2	184.3	179.8	180.8	-35.5	.559
335.5	10.11	8.17	287.0	-6.6	184.6	182.4	183.4	-21.0	.561
344.5	10.12	8.17	287.0	-6.7	185.0	182.8	183.8	-21.6	.562

(b-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.00	8.32	286.9	-14.4	171.9	163.9	166.6	-42.1	.520
20.9	9.94	8.33	286.8	-13.8	168.5	161.2	163.9	-39.5	.509
33.1	9.91	8.33	286.5	-12.7	167.3	160.7	163.3	-36.2	.505
52.6	9.93	8.32	286.9	-11.7	168.4	162.3	165.0	-33.7	.509
64.4	9.93	8.34	286.5	-11.6	167.6	161.6	164.3	-33.2	.507
80.6	9.94	8.35	286.4	-11.7	167.3	161.3	164.0	-33.4	.506
95.7	9.93	8.34	286.8	-11.6	167.6	161.6	164.3	-33.1	.506
108.7	9.93	8.34	287.3	-11.8	167.6	161.6	164.2	-33.6	.506
124.3	9.96	8.35	287.4	-11.6	168.3	162.3	165.0	-33.3	.508
139.6	9.91	8.35	286.6	-12.9	165.8	159.1	161.7	-36.5	.501
164.0	9.94	8.36	288.6	-18.4	167.0	156.2	158.8	-51.8	.503
180.0	10.00	8.37	288.4	-19.1	169.4	157.7	160.3	-54.8	.510
196.0	10.06	8.37	287.8	-19.5	172.1	159.8	162.5	-56.7	.519
209.0	10.06	8.38	286.1	-19.7	171.8	159.4	162.0	-57.1	.518
221.2	10.09	8.39	288.4	-19.9	172.9	160.2	162.9	-58.1	.522
240.7	10.08	8.36	288.7	-20.6	173.7	160.3	162.9	-60.2	.524
252.5	10.09	8.35	288.4	-20.6	174.9	161.5	164.1	-60.6	.528
268.7	10.09	8.33	288.5	-20.7	175.7	162.0	164.7	-61.2	.530
283.8	10.09	8.32	288.2	-20.7	176.1	162.5	165.2	-61.3	.532
296.4	10.08	8.32	289.1	-20.5	176.3	162.8	165.5	-61.0	.532
312.4	10.08	8.32	288.8	-20.2	175.9	162.7	165.3	-59.9	.531
327.7	10.05	8.32	287.7	-19.3	174.2	162.0	164.7	-56.8	.526
335.9	10.06	8.32	287.1	-14.6	174.3	166.1	168.9	-43.3	.527
351.9	10.03	8.32	287.3	-14.3	173.3	165.4	168.1	-42.3	.524

TABLE V. - Continued.

(b) Continued.

(b-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.8	18.34	14.26	364.5	59.9	225.5	113.0	113.0	195.2	.611
21.9	18.57	14.29	368.4	55.8	230.9	129.8	129.8	191.0	.623
33.8	18.36	14.25	368.5	56.5	227.4	125.4	125.4	189.7	.613
49.9	18.42	14.16	370.0	56.2	232.1	129.1	129.1	192.8	.625
65.4	18.60	14.16	371.9	55.9	236.8	132.6	132.6	196.1	.637
77.6	18.44	14.12	368.2	55.0	233.2	133.8	133.8	190.9	.630
94.1	18.52	14.17	367.0	54.1	233.0	136.5	136.5	188.9	.631
108.9	18.59	14.23	366.0	53.5	232.7	138.5	138.5	187.1	.631
133.1	18.50	14.28	364.5	56.2	228.5	127.2	127.2	189.8	.620
148.9	18.57	14.24	366.9	55.0	231.9	132.9	132.9	190.0	.627
160.9	16.51	14.23	366.8	54.9	231.0	132.9	132.9	188.9	.625
177.9	18.60	14.20	364.7	54.3	233.0	135.9	135.9	189.3	.633
190.8	18.47	14.14	364.4	54.5	232.1	134.7	134.7	189.0	.630
209.9	18.42	14.09	363.4	55.6	232.1	131.0	131.0	191.6	.631
221.8	18.42	14.13	362.1	56.1	230.2	128.5	128.5	191.0	.627
237.9	18.32	14.17	363.3	57.8	227.4	121.1	121.1	192.4	.617
253.4	18.34	14.23	363.6	57.8	226.1	120.4	120.4	191.3	.613
265.6	18.29	14.24	365.1	59.5	224.9	114.1	114.1	193.8	.609
282.1	18.35	14.29	364.3	59.8	224.6	113.1	113.1	194.1	.608
296.9	18.32	14.21	364.2	60.6	226.3	111.2	111.2	197.1	.613
305.1	18.52	14.17	363.0	59.5	231.9	117.6	117.6	199.9	.631
320.9	18.31	14.18	360.5	60.8	225.9	110.0	110.0	197.2	.616
332.9	18.71	14.17	362.9	60.4	236.1	116.8	116.8	205.2	.643
349.9	18.72	14.18	366.4	59.5	237.1	120.3	120.3	204.3	.643

(b-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	18.01	13.90	356.8	52.6	226.1	137.3	137.3	179.7	.620
21.6	17.99	13.96	358.2	53.2	224.3	134.5	134.5	179.5	.613
33.8	17.82	13.91	355.2	53.1	220.6	132.3	132.3	176.5	.605
49.6	17.85	13.85	357.3	53.8	224.1	132.3	132.3	180.9	.613
65.1	18.19	13.84	360.4	52.6	233.2	141.7	141.7	185.2	.637
78.0	18.08	13.86	358.3	53.0	229.2	137.9	137.9	183.1	.627
93.9	18.05	13.83	358.2	52.6	229.6	139.6	139.6	182.4	.629
108.9	18.16	13.90	358.0	51.3	229.9	143.8	143.8	179.4	.630
132.8	17.87	13.89	353.6	50.5	222.0	141.0	141.1	171.4	.610
149.1	17.89	13.92	355.0	50.6	222.3	141.0	141.0	171.9	.610
165.4	18.03	13.93	353.9	49.7	224.6	145.4	145.4	171.2	.618
177.6	18.02	13.90	354.5	49.2	225.7	147.6	147.6	170.7	.621
190.3	17.90	13.86	351.8	49.1	223.2	146.2	146.2	168.7	.616
209.6	17.77	13.80	350.3	49.5	221.5	143.9	143.9	168.4	.612
221.8	17.73	13.80	349.1	50.4	220.1	140.4	140.4	169.4	.609
237.6	17.84	13.86	351.5	50.4	221.5	141.2	141.2	170.7	.611
253.1	17.85	13.91	353.5	50.9	221.2	139.4	139.4	171.7	.608
266.0	17.86	13.92	353.4	52.2	220.8	135.2	135.2	174.6	.607
281.9	17.89	13.92	354.7	52.3	222.1	135.9	136.0	175.6	.610
296.9	17.71	13.87	354.1	53.2	219.3	131.5	131.5	175.5	.602
304.8	17.77	13.83	354.8	54.2	221.7	129.8	129.8	179.8	.609
321.1	17.86	13.82	355.3	55.4	224.6	127.7	127.7	184.8	.617
337.4	17.96	13.83	357.9	56.7	227.5	124.8	124.8	190.2	.623
349.6	18.23	13.85	360.1	56.3	233.7	129.6	129.6	194.5	.639

TABLE V. - Continued.

(b) Continued.

(b-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH' NO
2.8	17.84	13.42	354.6	51.9	236.0	145.4	145.5	185.8	.651
21.7	18.03	13.55	354.9	51.6	236.3	146.9	147.0	185.1	.652
33.8	17.74	13.53	352.7	53.0	229.8	138.2	138.3	183.5	.634
49.6	17.69	13.45	354.0	53.5	231.5	137.8	137.8	186.0	.638
64.8	18.14	13.43	356.3	52.9	242.7	146.4	146.5	193.5	.669
78.0	17.88	13.43	353.4	52.9	236.1	142.4	142.5	188.2	.653
92.8	18.06	13.49	355.1	53.7	238.9	141.6	141.6	192.4	.660
108.8	18.24	13.50	356.0	51.7	242.9	150.4	150.4	190.7	.670
133.6	17.88	13.56	350.0	49.7	231.3	149.5	149.6	176.4	.642
149.2	17.74	13.56	349.4	49.4	227.7	148.2	148.3	172.8	.631
165.1	17.94	13.55	351.6	48.9	233.4	153.5	153.6	175.7	.646
177.9	17.85	13.51	350.3	48.4	232.0	154.0	154.1	173.4	.643
190.8	17.75	13.46	350.0	48.2	231.1	154.1	154.1	172.1	.641
209.7	17.73	13.44	348.4	46.8	230.9	158.1	158.2	168.2	.642
221.8	17.56	13.47	348.7	47.7	226.0	151.9	152.0	167.2	.627
237.6	17.66	13.45	348.8	48.9	228.9	150.5	150.5	172.4	.636
252.8	17.74	13.46	353.2	48.2	231.8	154.4	154.4	172.9	.640
266.0	17.83	13.46	351.7	48.5	233.5	154.7	154.7	174.9	.647
280.8	17.78	13.47	350.8	47.7	231.9	156.0	156.1	171.5	.643
296.8	17.72	13.42	352.9	48.6	232.6	154.0	154.0	174.3	.643
305.6	17.75	13.39	355.2	51.7	235.2	145.9	145.9	184.4	.648
321.2	17.63	13.36	353.4	50.6	232.7	147.5	147.6	179.9	.642
337.1	17.51	13.34	355.3	50.4	230.8	147.2	147.3	177.7	.635
349.9	17.74	13.37	356.0	52.4	235.6	143.8	143.9	186.6	.649

(b-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH' NO
2.7	17.65	13.16	352.8	52.8	238.5	144.1	144.3	189.9	.661
22.0	17.96	13.20	354.4	52.5	244.9	148.9	149.1	194.3	.678
34.0	17.86	13.19	354.8	53.3	243.3	145.4	145.6	194.9	.673
49.9	17.82	13.15	356.0	53.1	243.8	146.3	146.4	194.9	.673
65.2	18.07	13.13	356.9	53.1	250.1	150.2	150.4	199.8	.691
77.6	17.82	13.12	355.4	52.8	244.8	147.9	148.1	194.9	.677
93.5	17.91	13.16	355.6	54.1	245.5	143.8	144.0	198.8	.679
108.9	18.11	13.16	357.9	54.0	250.4	147.0	147.1	202.6	.691
133.1	17.95	13.23	351.4	50.4	242.7	154.6	154.8	187.0	.675
149.1	18.02	13.23	354.1	49.9	245.2	158.0	158.2	187.3	.679
164.9	18.01	13.23	354.8	49.3	245.4	160.1	160.3	185.8	.679
170.4	18.14	13.21	354.0	49.5	248.3	161.1	161.3	188.7	.689
190.7	18.04	13.12	353.5	48.9	248.5	163.1	163.3	187.2	.690
210.0	17.91	13.13	350.6	48.4	244.7	162.3	162.5	183.0	.682
222.0	17.90	13.17	350.3	49.7	242.9	157.2	157.4	185.1	.677
237.9	17.89	13.22	352.5	49.3	242.1	157.8	158.0	183.5	.672
253.2	17.86	13.23	351.7	48.7	241.0	159.1	159.2	180.9	.669
265.6	17.87	13.20	353.1	48.3	242.4	161.3	161.5	180.8	.672
281.5	17.96	13.21	352.3	48.0	243.7	163.1	163.2	181.0	.677
296.9	17.88	13.18	352.3	48.8	242.9	159.9	160.1	182.7	.674
305.1	17.90	13.17	356.1	52.3	245.1	150.0	150.2	193.7	.677
321.1	17.65	13.14	353.9	51.1	239.9	150.6	150.8	186.6	.664
336.9	17.83	13.09	355.1	51.4	245.5	153.2	153.3	191.7	.679
342.4	17.70	13.11	352.7	51.9	241.4	148.9	149.0	189.9	.669

TABLE V. - Continued.

(b) Continued.

(b-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	17.30	13.02	352.2	54.8	234.9	135.2	135.5	191.9	.656
21.3	17.69	13.03	355.8	53.7	244.5	144.7	145.0	196.8	.675
27.3	17.52	13.03	353.7	54.7	240.3	138.7	139.0	196.0	.665
50.0	17.54	12.93	355.1	55.6	244.0	137.8	138.1	201.1	.675
65.6	17.61	12.91	355.3	54.9	246.3	141.6	141.9	201.3	.681
77.9	17.57	12.90	353.7	55.0	245.2	140.6	140.9	200.7	.680
93.6	17.67	12.96	356.9	55.3	246.6	140.2	140.5	202.7	.681
108.9	17.58	12.98	356.9	56.9	243.8	133.1	133.3	204.2	.672
132.5	17.57	13.03	351.5	53.8	240.3	141.7	142.0	193.9	.667
148.7	17.67	13.02	353.4	53.9	243.5	143.3	143.6	196.7	.675
164.4	17.69	13.02	355.5	53.2	244.6	146.5	146.8	195.7	.676
177.5	17.75	13.01	355.0	53.3	246.1	147.0	147.2	197.2	.681
190.7	17.71	12.98	355.2	53.2	246.3	147.4	147.7	197.1	.682
209.3	17.57	12.98	352.0	53.5	242.0	143.9	144.2	194.3	.672
215.3	17.51	13.00	352.6	53.6	240.4	142.7	142.9	193.3	.666
238.0	17.49	13.06	353.8	53.5	238.4	141.8	142.0	191.5	.659
253.6	17.54	13.07	353.5	53.4	239.3	142.6	142.8	192.0	.662
265.9	17.50	13.09	353.2	53.0	237.7	142.8	143.1	189.8	.658
281.6	17.52	13.10	352.1	52.4	237.5	144.7	145.0	188.1	.658
296.9	17.53	13.05	353.1	53.5	239.5	142.3	142.5	192.4	.663
304.5	17.49	13.04	354.7	55.3	239.4	136.3	136.6	196.6	.661
320.7	17.39	13.05	351.7	54.4	235.8	137.3	137.6	191.5	.654
336.4	17.46	12.99	353.6	54.7	239.7	138.6	138.8	195.4	.663
349.5	17.48	12.97	353.1	53.2	241.0	144.3	144.5	192.8	.668

(b-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	17.29	12.93	343.9	48.5	234.9	155.3	155.8	175.7	.659
22.1	17.36	12.93	345.2	48.4	236.5	156.8	157.3	176.6	.662
34.2	17.32	12.82	345.3	49.0	238.9	156.5	157.0	180.1	.670
49.7	17.41	12.85	346.5	49.7	240.6	155.5	156.0	183.2	.674
65.5	17.55	12.82	346.8	49.9	244.4	157.2	157.7	186.7	.685
77.6	17.52	12.81	348.0	50.2	244.6	156.5	157.0	187.6	.684
93.5	17.56	12.84	348.9	50.4	244.9	155.8	156.3	188.5	.684
108.8	17.51	12.86	348.9	50.6	243.3	154.2	154.7	187.8	.679
125.6	17.54	12.92	344.7	49.6	240.8	155.9	156.4	183.0	.676
148.7	17.62	12.95	345.9	49.4	242.0	157.4	157.9	183.4	.678
164.9	17.63	12.94	347.4	49.5	242.9	157.5	158.0	184.5	.680
178.4	17.70	12.92	346.8	50.0	244.9	157.2	157.7	187.4	.686
190.5	17.65	12.87	346.5	49.2	245.1	160.0	160.5	185.2	.687
210.1	17.51	12.89	345.0	49.6	241.1	156.1	156.6	183.3	.677
222.2	17.53	12.95	344.3	48.7	239.4	157.7	158.2	179.7	.672
237.7	17.42	12.96	345.6	49.3	237.1	154.5	155.0	179.4	.664
253.5	17.46	12.96	346.3	48.9	238.4	156.6	157.1	179.4	.667
265.6	17.38	12.97	344.6	48.3	235.8	156.8	157.2	175.7	.661
281.5	17.37	13.00	344.8	48.9	234.5	153.9	154.4	176.5	.657
296.8	17.40	12.95	345.0	49.0	236.8	155.1	155.6	178.5	.663
297.6	17.35	12.94	345.2	48.5	236.0	156.1	156.6	176.6	.661
320.7	17.35	12.91	345.7	48.5	237.1	156.8	157.3	177.4	.664
336.9	17.38	12.88	346.1	48.1	238.7	159.2	159.7	177.4	.668
350.4	17.36	12.88	345.4	48.3	238.3	158.4	158.9	177.5	.668

TABLE V. - Continued.

(b) Continued.

(b-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
2.4	16.91	12.76	342.1	47.5	230.5	155.3	156.0	169.6	.647
21.7	17.00	12.76	343.5	47.7	233.0	156.5	157.2	172.0	.654
34.0	17.07	12.74	344.3	48.5	235.6	155.8	156.6	176.0	.660
47.2	16.95	12.71	343.3	48.2	233.5	155.3	156.0	173.7	.655
65.5	17.05	12.70	342.8	48.1	235.6	157.1	157.9	174.9	.662
77.7	17.12	12.72	343.3	48.7	236.9	155.9	156.7	177.8	.666
93.7	17.14	12.70	344.9	48.9	238.6	156.6	157.4	179.4	.669
108.9	17.14	12.73	345.4	49.1	237.8	155.4	156.1	179.4	.666
133.2	17.01	12.77	342.4	47.6	232.7	156.7	157.5	171.3	.654
149.1	17.19	12.76	342.0	47.4	236.9	160.1	160.8	173.9	.667
165.1	17.21	12.75	343.4	47.6	238.1	160.3	161.0	175.4	.669
178.0	17.27	12.74	343.1	47.7	239.4	160.9	161.6	176.6	.673
190.4	17.27	12.73	343.2	47.3	240.0	162.4	163.2	176.0	.675
209.7	17.13	12.69	342.4	48.0	237.6	158.5	159.3	176.3	.669
222.0	17.08	12.72	343.3	48.3	235.9	156.7	157.5	175.6	.662
235.2	17.09	12.76	342.0	46.6	234.5	160.7	161.5	170.1	.660
253.5	17.12	12.79	342.9	46.9	234.5	159.9	160.6	170.9	.659
265.7	17.10	12.79	341.9	46.8	233.7	159.6	160.4	170.0	.657
281.7	17.05	12.81	342.1	46.6	232.1	159.0	159.8	168.4	.652
296.9	17.04	12.79	342.6	46.6	232.9	159.6	160.4	168.8	.654
305.2	17.03	12.77	345.0	48.0	234.0	156.2	157.0	173.5	.655
321.1	16.98	12.76	343.4	47.4	232.6	157.1	157.9	170.8	.652
337.1	17.01	12.74	343.2	48.0	233.8	156.0	156.7	173.5	.656
350.0	16.99	12.74	343.2	47.6	233.3	157.1	157.9	171.8	.655

(b-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
2.6	16.63	13.45	339.0	56.8	200.1	109.5	109.6	167.4	.559
21.7	16.66	13.45	339.8	57.0	201.0	109.5	109.6	168.5	.561
34.0	16.70	13.47	339.7	56.6	201.9	111.2	111.3	168.5	.564
49.7	16.62	13.48	339.7	56.4	199.1	110.1	110.2	165.9	.555
65.4	16.58	13.47	338.5	56.8	198.2	108.4	108.5	165.8	.554
77.6	16.70	13.47	339.3	56.5	201.4	111.1	111.2	168.0	.563
93.6	16.60	13.44	339.9	57.7	199.8	106.6	106.7	168.9	.557
108.9	16.78	13.50	340.1	57.4	202.9	109.2	109.3	170.9	.566
133.1	16.65	13.54	338.8	55.7	197.7	111.3	111.4	163.2	.552
149.2	16.75	13.55	339.0	55.8	200.0	112.5	112.6	165.3	.559
164.7	16.78	13.55	339.5	55.3	200.9	114.3	114.4	165.1	.561
177.9	16.83	13.53	339.8	55.4	203.1	115.4	115.5	167.0	.567
190.6	16.92	13.51	340.3	55.1	206.3	117.9	118.0	169.3	.576
209.7	16.82	13.49	338.1	56.1	203.8	113.6	113.7	169.1	.571
222.0	16.77	13.46	338.2	55.4	203.5	115.6	115.7	167.4	.570
237.7	16.70	13.45	338.1	55.2	201.7	114.9	115.0	165.6	.564
253.4	16.83	13.48	338.5	55.1	204.3	116.9	117.0	167.4	.572
265.6	16.76	13.50	338.4	55.5	201.9	114.3	114.4	166.3	.565
281.6	16.78	13.48	339.0	55.4	203.3	115.5	115.6	167.2	.568
296.9	16.74	13.47	338.6	55.2	202.4	115.5	115.6	166.1	.566
305.1	16.69	13.47	339.1	56.3	201.2	111.6	111.7	167.3	.562
321.2	16.71	13.46	339.3	56.3	201.9	112.0	112.1	167.9	.564
336.7	16.71	13.44	340.3	56.2	202.9	112.7	112.8	168.6	.566
349.9	16.66	13.45	340.2	56.2	201.3	112.0	112.1	167.3	.561

TABLE V. - Continued.

(b) Continued.

(b-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	16.65	12.88	340.1	51.1	219.7	137.9	137.9	171.1	.617
22.0	16.65	12.87	341.1	51.1	220.5	138.5	138.6	171.5	.618
34.2	16.64	12.87	340.0	51.0	219.8	138.3	138.4	170.8	.617
49.7	16.57	12.87	340.3	51.4	218.1	136.0	136.0	170.5	.612
65.3	16.57	12.88	339.5	51.4	217.8	135.9	136.0	170.1	.611
77.7	16.50	12.91	340.6	52.3	215.3	131.5	131.5	170.4	.603
94.0	16.48	12.89	340.1	52.2	215.0	131.7	131.7	170.0	.602
108.9	16.57	12.92	340.4	52.2	216.8	132.8	132.9	171.3	.607
133.0	16.64	12.96	339.7	51.5	216.8	135.1	135.1	169.5	.608
149.1	16.69	12.95	339.9	51.3	218.5	136.6	136.6	170.6	.613
160.5	16.68	12.96	339.5	50.9	217.9	137.3	137.4	169.2	.612
178.1	16.77	12.91	339.9	50.2	221.7	142.0	142.0	170.2	.623
190.5	16.76	12.87	340.2	51.1	222.9	139.8	139.9	173.6	.626
210.0	16.76	12.85	339.8	50.9	223.4	141.0	141.0	173.3	.628
222.2	16.66	12.84	340.0	51.1	221.3	139.0	139.0	172.2	.621
237.7	16.66	12.88	339.1	51.0	219.5	138.1	138.1	170.7	.617
253.3	16.70	12.89	339.2	51.3	220.5	137.9	137.9	172.0	.620
265.7	16.74	12.88	339.1	50.3	221.7	141.6	141.6	170.6	.624
282.0	16.71	12.89	338.3	51.1	220.3	138.3	138.3	171.4	.620
296.9	16.75	12.89	338.5	50.9	221.6	139.8	139.9	171.8	.624
305.0	16.69	12.88	339.2	51.2	220.4	138.0	138.1	171.7	.619
321.1	16.65	12.89	339.2	50.9	219.2	138.3	138.3	170.0	.616
332.5	16.65	12.90	340.0	50.7	219.1	138.8	138.8	169.5	.615
350.1	16.61	12.88	339.7	51.2	218.9	137.1	137.2	170.6	.615

(b-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	16.79	11.75	339.1	45.9	256.9	178.6	178.8	184.6	.732
22.0	16.77	11.74	338.8	44.9	256.8	181.7	181.9	181.3	.732
34.2	16.80	11.74	338.8	45.8	257.4	179.2	179.4	184.6	.734
49.8	16.76	11.69	339.3	45.5	258.1	180.7	180.9	184.1	.736
65.0	16.68	11.69	338.9	45.5	256.3	179.6	179.8	182.7	.731
77.6	16.75	11.72	338.2	46.0	256.7	178.2	178.4	184.6	.733
93.6	16.66	11.74	338.6	45.1	254.5	179.4	179.6	180.3	.725
108.9	16.69	11.76	339.0	44.6	254.7	181.3	181.5	178.7	.726
132.8	16.74	11.76	338.1	42.3	255.1	188.6	188.8	171.6	.728
141.8	16.76	11.75	337.2	41.9	255.7	190.3	190.5	170.6	.731
165.0	16.83	11.76	339.3	42.3	257.7	190.5	190.7	173.3	.735
177.6	16.82	11.72	338.1	41.3	258.0	193.8	193.9	170.1	.737
190.7	16.79	11.68	339.1	40.7	259.0	196.3	196.5	168.7	.739
210.0	16.78	11.71	337.6	42.6	257.2	189.2	189.4	174.1	.735
222.2	16.76	11.75	337.7	42.3	255.7	188.9	189.1	172.1	.730
237.8	16.74	11.77	337.3	43.9	254.7	183.4	183.6	176.5	.727
253.0	16.71	11.81	336.9	42.0	252.7	187.8	188.0	168.9	.722
265.6	16.72	11.82	338.4	41.9	253.2	188.4	188.6	169.0	.722
281.6	16.72	11.79	336.8	42.7	253.5	186.3	186.4	171.8	.724
296.9	16.83	11.76	337.0	42.8	256.5	188.2	188.4	174.1	.734
304.8	16.78	11.76	338.2	46.2	256.1	177.1	177.2	184.9	.731
313.8	16.76	11.77	339.4	45.7	256.0	178.6	178.8	183.1	.729
337.0	16.79	11.73	338.3	44.9	257.4	182.2	182.4	181.7	.735
349.6	16.78	11.74	338.7	45.0	256.8	181.5	181.7	181.5	.733

TABLE V. - Continued.

(b) Continued.

(b-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	16.78	11.05	346.1	48.2	279.8	185.7	187.6	207.6	.797
21.9	16.81	11.05	345.0	48.7	279.7	183.6	185.5	209.4	.798
33.7	16.81	10.99	345.0	48.4	281.5	186.1	188.0	209.6	.804
49.9	16.82	10.84	344.6	48.5	285.7	188.4	190.3	213.1	.818
65.0	16.80	10.82	344.3	48.8	285.7	187.5	189.5	213.9	.818
78.0	16.81	10.83	343.5	47.8	285.3	190.7	192.6	210.5	.818
93.6	16.79	10.84	343.6	48.6	284.8	187.4	189.3	212.7	.816
108.9	16.95	10.84	344.5	48.3	288.1	190.9	192.8	214.0	.825
133.2	16.57	10.90	342.1	46.0	278.4	192.6	194.5	199.1	.797
149.2	16.54	10.91	341.9	44.4	277.6	197.3	199.4	193.2	.795
165.2	16.50	10.93	341.6	44.2	276.0	196.8	198.8	191.5	.790
178.2	16.46	10.94	341.8	42.7	275.0	200.9	203.0	185.6	.787
190.4	16.45	10.95	341.0	43.4	274.0	198.0	200.0	187.3	.785
209.9	16.33	11.00	340.9	43.5	270.4	195.0	197.0	185.2	.773
221.7	16.37	11.10	341.7	45.8	268.7	186.5	188.4	191.5	.767
237.9	16.38	11.13	341.2	43.5	267.7	193.2	195.2	183.3	.764
253.0	16.40	11.12	342.5	46.1	268.8	185.6	187.5	192.6	.766
266.0	16.46	11.13	341.2	44.7	269.4	190.7	192.6	188.4	.769
281.6	16.44	11.12	343.7	45.4	270.0	188.7	190.6	191.2	.768
296.9	16.51	11.09	342.8	45.0	272.1	191.6	193.5	191.3	.776
305.2	16.82	11.07	346.2	48.7	279.8	184.0	185.9	209.1	.796
321.2	16.79	11.05	345.2	48.4	279.5	184.8	186.7	208.0	.797
337.2	16.73	11.05	344.3	47.8	278.0	185.9	187.8	204.9	.793
350.2	16.77	11.05	344.8	48.8	279.1	183.1	184.9	209.1	.796

(b-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.3	17.73	14.17	359.7	1.0	211.7	211.0	211.7	3.8	.575
19.3	17.77	14.19	358.9	1.3	212.0	211.2	211.9	5.0	.576
36.3	17.80	14.13	362.1	.7	215.4	214.6	215.3	2.7	.584
49.2	17.70	14.09	364.6	.5	215.1	214.3	215.0	1.9	.580
68.3	17.59	14.09	362.1	-.1	211.3	210.6	211.3	-.4	.572
80.2	17.68	14.11	363.5	.7	213.4	212.6	213.4	2.7	.577
96.3	17.52	14.11	362.3	-.4	208.9	208.2	208.9	-1.3	.565
111.8	17.47	14.09	361.5	-.4	207.8	207.0	207.8	-1.5	.562
124.0	17.56	14.07	362.0	-.5	211.3	210.5	211.2	-1.8	.572
140.5	17.54	14.06	359.7	-.2	210.1	209.4	210.1	-.7	.571
155.3	17.64	14.07	359.6	-.6	212.6	211.9	212.6	-2.2	.578
171.5	17.47	14.07	359.6	-.6	208.4	207.6	208.3	-2.3	.565
187.3	17.50	14.08	359.0	-.4	208.7	208.0	208.7	-1.6	.567
199.3	17.49	14.08	358.4	-.4	208.0	207.3	208.0	-1.5	.566
216.3	17.42	14.13	356.5	-.6	203.7	203.0	203.7	-2.0	.555
229.2	17.37	14.17	354.8	-.7	200.6	199.8	200.5	-2.4	.547
242.3	17.32	14.14	354.5	-1.0	200.3	199.6	200.3	-3.5	.546
260.2	17.52	14.12	355.4	-.7	206.5	205.8	206.5	-2.4	.564
276.3	17.58	14.15	357.2	-.7	207.9	207.1	207.9	-2.7	.566
291.8	17.53	14.17	357.3	-.6	205.9	205.2	205.9	-2.1	.560
304.0	17.63	14.17	358.6	-.6	208.6	207.8	208.6	-2.0	.567
320.5	17.55	14.17	358.4	-.4	206.6	205.9	206.6	-1.6	.561
335.3	17.44	14.17	359.2	-.6	203.8	203.1	203.8	-2.0	.553
351.5	17.64	14.18	359.1	.6	208.9	208.2	208.9	2.3	.567

TABLE V. - Continued.

(b) Continued.

(b-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	17.50	14.05	355.9	-1.7	208.5	207.7	208.4	-6.1	.569
23.8	17.44	14.11	355.6	-2.1	204.9	204.0	204.8	-7.4	.559
36.0	17.60	14.05	357.5	-1.4	211.7	210.9	211.7	-5.3	.577
48.7	17.68	14.02	359.6	-.4	215.3	214.5	215.3	-1.3	.585
68.0	17.55	14.03	358.9	-1.5	211.3	210.5	211.2	-5.6	.575
80.2	17.53	14.04	358.5	-1.3	210.4	209.6	210.3	-4.7	.572
96.0	17.48	14.05	357.6	-1.6	208.4	207.5	208.3	-5.8	.567
111.5	17.48	14.05	357.9	-1.3	208.4	207.6	208.3	-4.6	.567
124.4	17.51	14.02	356.7	-1.7	210.0	209.2	209.9	-6.2	.573
140.3	17.65	14.01	357.9	-1.6	214.5	213.7	214.4	-5.8	.585
155.3	17.61	14.00	355.9	-1.6	212.9	212.1	212.8	-5.8	.582
171.2	17.49	13.99	354.7	-.9	209.8	209.0	209.8	-3.2	.574
187.5	17.52	13.99	354.1	-.9	210.3	209.5	210.2	-3.2	.576
203.8	17.45	14.03	352.2	-1.0	206.8	206.0	206.8	-3.5	.567
216.0	17.40	14.07	351.3	-1.0	204.0	203.2	204.0	-3.4	.560
228.7	17.35	14.10	350.0	-1.0	201.2	200.4	201.2	-3.6	.553
248.0	17.30	14.08	350.1	-1.3	200.7	199.9	200.7	-4.5	.551
260.2	17.43	14.05	351.2	-1.1	205.5	204.7	205.5	-3.8	.564
276.0	17.48	14.03	352.2	-1.3	207.8	207.0	207.8	-4.6	.570
291.5	17.51	14.05	352.9	-1.3	207.9	207.1	207.9	-4.8	.570
304.4	17.50	14.07	353.3	-1.6	207.0	206.2	206.9	-5.6	.567
320.3	17.50	14.07	353.4	-1.6	207.2	206.4	207.1	-5.9	.567
335.3	17.48	14.07	354.9	-1.0	206.9	206.1	206.9	-3.8	.565
351.2	17.49	14.08	355.9	-1.4	207.3	206.5	207.2	-5.0	.565

(b-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	17.29	13.98	352.4	-1.6	204.3	203.4	204.2	-5.8	.560
23.5	17.28	13.99	351.6	-1.7	203.3	202.4	203.2	-6.0	.557
36.3	17.38	13.99	353.4	-1.9	206.6	205.7	206.5	-6.8	.566
49.2	17.49	13.99	354.6	-1.8	209.9	209.0	209.8	-6.6	.574
68.1	17.42	13.97	354.1	-1.6	208.5	207.6	208.4	-6.0	.571
80.2	17.42	13.96	354.0	-1.9	208.6	207.7	208.5	-7.0	.571
96.0	17.59	13.97	353.8	-1.4	212.6	211.8	212.6	-5.2	.583
111.2	17.64	13.96	355.0	-1.5	214.7	213.8	214.6	-5.7	.588
124.4	17.67	13.96	354.2	-1.9	215.3	214.4	215.2	-7.1	.590
139.2	17.78	13.96	354.8	-1.9	218.1	217.2	218.0	-7.2	.598
155.2	17.69	13.95	353.0	-1.9	215.7	214.7	215.5	-7.3	.592
172.0	17.62	14.00	351.1	-1.3	212.0	211.1	211.9	-4.8	.583
187.6	17.56	14.01	350.4	-1.4	209.6	208.8	209.6	-5.1	.577
203.5	17.52	14.05	349.0	-1.5	207.1	206.3	207.1	-5.3	.571
216.3	17.48	14.05	348.3	-1.5	205.7	204.8	205.6	-5.7	.567
229.2	17.38	14.05	346.7	-1.5	202.5	201.6	202.4	-5.3	.559
248.1	17.33	13.96	347.5	-1.5	204.6	203.8	204.5	-5.2	.565
260.2	17.37	13.91	348.8	-1.7	207.5	206.6	207.4	-6.0	.572
276.0	17.42	13.92	349.5	-1.4	208.8	208.0	208.8	-5.1	.575
291.2	17.46	13.91	349.7	-1.6	210.0	209.1	209.9	-6.0	.579
304.4	17.42	13.92	350.2	-1.9	209.1	208.2	209.0	-6.8	.576
319.2	17.35	13.93	349.5	-1.8	206.5	205.7	206.4	-6.5	.569
335.2	17.38	13.94	350.6	-1.8	207.4	206.5	207.3	-6.6	.570
352.0	17.29	13.97	352.6	-1.7	204.5	203.7	204.4	-5.9	.560

TABLE V. - Continued.

(b) Continued.

(b-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	17.02	13.86	348.4	-1.6	199.7	198.8	199.6	-5.5	.550
23.3	17.05	13.86	347.6	-1.1	200.5	199.6	200.4	-4.0	.553
28.8	17.10	13.86	348.6	-1.1	202.2	201.4	202.2	-3.7	.557
49.1	17.13	13.86	349.2	-1.4	203.0	202.2	203.0	-5.1	.559
69.4	17.16	13.92	350.1	-0.9	202.1	201.2	202.1	-3.1	.555
80.4	17.08	13.93	348.8	-1.0	199.1	198.3	199.1	-3.5	.548
96.3	17.22	13.92	349.6	-0.8	203.6	202.7	203.5	-2.8	.560
111.6	17.23	13.93	350.0	-0.7	203.5	202.6	203.5	-2.5	.559
124.0	17.34	13.90	351.0	-0.5	207.7	206.8	207.6	-1.8	.571
139.9	17.43	13.90	352.1	-0.5	210.4	209.6	210.4	-1.8	.578
155.3	17.48	13.90	351.9	-0.4	211.6	210.8	211.6	-1.6	.582
171.5	17.34	13.87	347.9	-1.9	207.8	206.9	207.7	-6.7	.574
187.5	17.36	13.88	348.0	-1.7	207.8	206.9	207.7	-6.2	.574
203.3	17.43	13.90	348.7	-1.8	209.2	208.3	209.1	-6.4	.577
208.6	17.35	13.91	347.4	-1.7	206.5	205.6	206.4	-6.0	.570
229.1	17.24	13.94	346.6	-1.6	202.6	201.7	202.5	-5.7	.560
248.4	17.12	13.88	345.4	-1.7	201.0	200.1	200.9	-6.1	.556
260.4	17.17	13.86	346.7	-1.5	203.3	202.4	203.3	-5.3	.562
276.3	17.18	13.87	346.5	-1.6	203.4	202.5	203.3	-5.8	.562
291.6	17.15	13.88	346.3	-1.6	202.2	201.3	202.1	-5.6	.559
304.0	17.18	13.85	346.3	-1.5	203.9	203.0	203.8	-5.4	.564
319.9	17.14	13.86	345.7	-1.5	202.4	201.5	202.3	-5.2	.560
335.3	17.09	13.88	345.6	-1.8	200.1	199.2	200.0	-6.1	.553
351.5	16.99	13.86	346.9	-1.7	199.3	198.4	199.2	-5.8	.548

(b-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	16.84	13.87	345.7	-2.6	193.6	192.6	193.4	-8.8	.534
22.8	16.80	13.86	344.3	-2.2	192.1	191.2	192.0	-7.4	.531
35.9	16.92	13.85	345.9	-2.1	196.6	195.7	196.5	-7.0	.543
49.1	16.99	13.85	346.8	-2.4	198.9	197.9	198.7	-8.3	.549
67.7	16.95	13.89	346.7	-2.0	196.4	195.5	196.3	-6.8	.542
73.7	16.90	13.90	345.3	-1.8	194.1	193.2	194.0	-6.1	.536
96.4	17.06	13.89	347.2	-1.6	199.4	198.4	199.3	-5.7	.550
112.0	17.06	13.90	347.2	-1.7	199.1	198.2	199.0	-5.7	.549
124.3	17.13	13.89	347.2	-1.7	201.4	200.4	201.3	-6.0	.556
140.0	17.15	13.88	347.8	-1.4	202.3	201.4	202.3	-4.8	.558
155.3	17.22	13.88	348.8	-1.5	204.5	203.6	204.4	-5.2	.563
170.9	17.10	13.89	344.8	-2.5	199.8	198.8	199.6	-8.6	.553
187.1	17.17	13.90	345.2	-2.4	201.4	200.4	201.2	-8.5	.557
202.8	17.22	13.90	346.3	-2.5	203.1	202.1	202.9	-8.7	.561
215.9	17.16	13.90	345.1	-2.4	201.6	200.6	201.4	-8.3	.558
229.1	17.12	13.91	344.4	-2.3	199.5	198.5	199.3	-8.1	.552
247.7	17.02	13.87	343.5	-2.3	198.2	197.2	198.1	-8.0	.549
253.7	17.00	13.84	344.7	-2.4	198.6	197.6	198.4	-8.3	.550
276.4	17.07	13.84	344.7	-2.5	200.7	199.6	200.5	-8.7	.556
292.0	17.08	13.84	344.3	-2.5	200.7	199.7	200.5	-8.7	.556
304.3	17.05	13.84	343.9	-2.5	199.9	198.9	199.7	-8.7	.554
320.0	17.00	13.85	343.3	-2.3	198.0	197.0	197.9	-7.8	.549
335.3	16.97	13.88	343.8	-2.5	196.2	195.2	196.1	-8.5	.543
350.9	16.79	13.88	345.9	-2.5	191.7	190.7	191.5	-8.3	.528

TABLE V. - Continued.

(b) Continued.

(b-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.1	16.65	13.84	342.6	-2.3	188.4	187.4	188.2	-7.7	.521
23.3	16.57	13.83	341.5	-2.3	186.0	185.0	185.8	-7.4	.515
36.8	16.75	13.82	342.9	-2.3	191.9	190.9	191.7	-7.6	.531
48.9	16.76	13.83	342.8	-2.2	191.7	190.8	191.6	-7.4	.531
68.5	16.75	13.86	343.5	-2.3	190.5	189.5	190.3	-7.7	.527
80.6	16.66	13.85	342.7	-2.2	188.0	187.1	187.9	-7.1	.520
96.1	16.82	13.85	343.4	-1.8	193.2	192.2	193.1	-6.0	.535
111.9	16.86	13.84	344.2	-2.1	194.5	193.5	194.4	-7.0	.538
124.0	16.95	13.84	345.0	-1.9	197.7	196.7	197.6	-6.6	.547
139.9	16.95	13.83	345.5	-1.8	197.8	196.8	197.7	-6.3	.546
155.2	17.01	13.84	344.8	-1.8	199.1	198.1	199.0	-6.1	.551
164.0	16.90	13.85	341.7	-2.2	194.9	193.9	194.7	-7.3	.541
187.1	17.01	13.86	343.0	-2.3	197.7	196.7	197.6	-8.0	.548
203.3	17.05	13.86	343.7	-2.3	199.0	198.0	198.8	-8.1	.552
216.8	17.03	13.87	342.2	-2.5	198.0	197.0	197.9	-8.5	.550
228.9	16.94	13.89	342.0	-2.3	194.7	193.7	194.5	-7.8	.540
248.5	16.83	13.79	341.2	-2.5	194.7	193.7	194.5	-8.6	.541
260.6	16.86	13.79	342.2	-2.6	195.9	194.8	195.7	-9.0	.544
276.1	16.88	13.80	341.8	-2.7	196.0	195.0	195.8	-9.1	.544
291.9	16.89	13.79	341.7	-2.7	196.6	195.5	196.4	-9.3	.546
304.0	16.87	13.79	341.6	-2.7	195.8	194.8	195.6	-9.3	.544
319.9	16.90	13.80	341.5	-2.8	196.4	195.3	196.2	-9.6	.546
335.2	16.87	13.81	341.4	-2.7	195.2	194.1	195.0	-9.3	.542
344.0	16.66	13.83	342.6	-2.1	188.8	187.9	188.7	-6.9	.523

(b-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.5	16.25	13.82	337.8	.7	175.2	174.3	175.1	2.0	.487
23.5	16.25	13.82	337.3	.5	175.1	174.2	175.1	1.6	.487
36.4	16.77	13.80	338.0	.6	176.5	175.7	176.5	1.8	.490
48.8	16.30	13.79	338.3	.4	177.8	176.9	177.8	1.3	.494
68.1	16.32	13.84	338.2	.3	176.8	175.9	176.8	.9	.491
80.4	16.32	13.84	338.2	.2	176.6	175.7	176.6	.5	.490
93.6	16.39	13.82	339.1	.4	180.0	179.1	180.0	1.3	.500
111.9	16.39	13.82	339.7	.4	180.0	179.2	180.0	1.1	.499
124.1	16.45	13.83	340.6	.4	181.7	180.8	181.7	1.3	.503
140.1	16.47	13.84	340.4	.1	182.2	181.3	182.2	.4	.505
155.3	16.52	13.83	340.0	.1	184.0	183.1	184.0	.4	.511
171.6	16.39	13.82	338.3	-1.2	179.9	179.0	179.9	-3.7	.500
187.5	16.43	13.83	338.4	-1.3	180.8	179.8	180.7	-4.2	.502
203.5	16.51	13.83	339.0	-1.3	183.4	182.5	183.4	-4.1	.510
216.4	16.50	13.82	339.0	-1.2	183.4	182.5	183.4	-3.7	.510
228.8	16.45	13.82	338.3	-.7	181.5	180.6	181.5	-2.4	.505
248.1	16.35	13.83	337.8	-.6	177.9	177.1	177.9	-1.7	.495
260.4	16.35	13.82	338.2	-.7	178.6	177.8	178.6	-2.2	.496
273.6	16.36	13.80	338.1	-.5	179.5	178.6	179.5	-1.5	.499
291.9	16.40	13.80	338.4	-.7	181.0	180.1	181.0	-2.2	.503
304.1	16.38	13.81	338.2	-.5	179.9	179.0	179.9	-1.7	.500
320.1	16.39	13.82	338.0	-.7	179.7	178.9	179.7	-2.1	.500
335.3	16.37	13.83	337.3	-.9	178.5	177.7	178.5	-2.7	.497
351.6	16.24	13.82	337.9	.6	174.9	174.1	174.9	1.8	.486

TABLE V. - Continued.

(b) Concluded.

(b-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
12.6	16.38	13.49	334.4	14.9	190.2	182.2	183.9	48.6	.534
25.5	16.41	13.42	334.4	15.0	193.8	185.6	187.4	49.6	.544
44.6	16.43	13.50	334.4	15.0	191.5	183.4	185.2	49.0	.537
56.5	16.40	13.40	334.4	15.0	194.0	185.8	187.6	49.6	.545
72.6	16.41	13.34	334.4	15.0	196.6	188.2	190.0	50.3	.552
88.1	16.44	13.50	334.4	15.0	191.6	183.5	185.2	49.0	.538
100.3	16.46	13.36	334.4	15.0	197.3	189.0	190.8	50.5	.555
116.8	16.55	13.52	334.4	15.0	194.4	186.1	187.9	49.7	.546
131.6	16.57	13.37	334.5	15.0	200.0	191.5	193.4	51.2	.563
327.8	16.44	13.47	334.4	15.0	192.9	184.7	186.5	49.3	.541
343.6	16.44	13.49	334.4	15.0	192.0	183.8	185.6	49.1	.539
355.6	16.43	13.41	334.4	15.0	194.4	186.2	188.0	49.7	.546

(b-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
57.7	16.26	13.05	333.4	11.8	202.1	196.3	197.8	41.0	.570
73.5	16.25	13.01	333.3	11.8	202.9	197.1	198.6	41.2	.572
85.5	16.24	13.09	333.2	11.8	200.1	194.3	195.9	40.7	.564
102.5	16.22	13.03	333.1	11.8	201.3	195.6	197.1	40.9	.568
115.4	16.25	13.10	332.9	11.8	200.1	194.4	195.9	40.7	.564
134.5	16.21	13.04	332.8	11.8	200.9	195.1	196.7	40.8	.567
146.4	16.28	13.03	332.7	11.8	202.9	197.1	198.7	41.2	.573
162.5	16.34	13.03	333.1	11.8	204.7	198.9	200.5	41.6	.578
178.0	16.32	13.01	334.1	11.8	205.0	199.2	200.8	41.7	.578
190.2	16.40	13.03	334.6	11.8	206.5	200.6	202.2	42.0	.582
206.7	16.36	13.00	335.0	11.8	206.9	201.0	202.6	42.0	.583
221.5	16.37	13.03	334.8	11.8	206.1	200.2	201.8	41.9	.580

(b-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
13.7	15.84	12.73	338.0	6.7	202.9	200.0	201.5	23.6	.568
28.5	15.81	12.66	337.9	6.8	204.4	201.5	203.0	23.9	.573
224.7	15.81	12.81	338.5	6.7	199.5	196.7	198.1	23.0	.557
240.5	15.76	12.76	337.9	6.7	199.3	196.5	198.0	23.1	.557
252.5	15.77	12.67	337.7	6.7	202.9	200.0	201.5	23.6	.568
269.5	15.81	12.81	338.7	6.7	199.2	196.4	197.9	23.1	.556
282.4	15.81	12.68	339.3	6.7	204.1	201.2	202.7	23.8	.570
301.5	15.92	12.81	339.0	6.7	202.6	199.8	201.3	23.6	.566
313.4	15.84	12.67	338.7	6.7	205.0	202.1	203.6	23.9	.574
329.5	15.84	12.69	338.5	6.7	204.1	201.2	202.8	23.8	.571
345.0	15.88	12.71	338.3	6.7	204.7	201.8	203.3	23.8	.573
357.2	15.85	12.67	338.2	6.7	205.4	202.5	204.0	23.9	.575

TABLE V. - Continued.

(c) Reading 1672-1806

(c-1) Station 0; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.5	9.85	8.45	289.6	-6.6	157.8	156.7	156.7	-18.1	.473
25.1	9.74	8.51	289.3	-13.2	148.4	144.5	144.5	-33.9	.444
37.9	9.42	8.45	288.8	-13.2	133.2	129.7	129.7	-30.3	.397
57.1	9.66	8.54	288.0	-16.5	141.6	135.7	135.7	-40.3	.424
69.7	9.70	8.70	288.4	-14.4	133.1	128.9	128.9	-33.0	.397
84.9	9.72	8.72	289.0	-12.8	133.1	129.8	129.8	-29.4	.397
100.5	9.75	8.72	288.3	-12.0	135.1	132.2	132.2	-28.0	.404
106.3	9.81	8.73	288.2	-11.6	137.3	134.4	134.4	-27.6	.410
128.5	9.87	8.82	288.6	-7.9	135.4	134.2	134.2	-18.5	.404
143.8	10.01	8.79	287.4	-6.3	144.7	143.8	143.8	-15.8	.434
163.0	10.12	8.86	288.3	-6.0	147.0	146.2	146.2	-15.3	.440
179.5	10.14	8.85	287.7	-1.8	148.3	148.2	148.2	-4.6	.445
195.5	10.20	8.86	288.4	4.7	151.0	150.5	150.5	12.2	.453
208.1	10.10	8.82	288.1	5.5	148.4	147.7	147.7	14.3	.445
220.9	10.07	8.79	288.5	9.3	148.4	146.4	146.4	24.1	.444
240.1	9.86	8.75	287.6	7.8	139.3	138.0	138.0	18.9	.417
252.7	9.86	8.65	287.4	9.1	145.3	143.5	143.5	22.9	.436
267.9	9.81	8.59	287.8	10.5	146.7	144.2	144.2	26.6	.440
283.5	9.74	8.57	287.5	11.9	144.3	141.2	141.2	29.8	.432
289.3	9.72	8.56	287.5	13.0	143.3	139.6	139.6	32.3	.429
311.5	9.66	8.48	288.0	17.0	145.1	138.8	138.8	42.5	.435
326.8	9.69	8.47	287.2	11.8	148.0	144.9	144.9	30.2	.444
340.0	9.81	8.42	289.7	4.4	157.9	157.4	157.4	12.2	.473
356.5	9.80	8.37	289.3	-2.4	160.0	159.9	159.9	-6.7	.460

(c-2) Station 0; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	9.75	8.45	288.2	1.3	152.4	152.4	152.4	3.4	.457
25.0	10.11	8.48	289.7	-3.1	168.5	168.3	168.3	-9.0	.507
37.6	9.74	8.47	288.3	-9.7	150.5	148.4	148.4	-25.3	.451
56.9	9.73	8.55	288.9	-12.8	144.8	141.2	141.2	-32.0	.433
69.6	9.82	8.66	288.9	-9.2	142.9	141.0	141.0	-22.9	.427
84.8	9.90	8.69	288.3	-9.0	145.6	143.8	143.8	-22.9	.436
100.3	9.86	8.70	288.8	-8.8	142.4	140.7	140.7	-21.9	.425
113.1	9.91	8.77	287.7	-12.2	140.4	137.2	137.2	-29.8	.420
129.1	10.10	8.79	287.7	-5.4	149.9	149.2	149.3	-14.0	.450
143.6	10.11	8.78	287.3	-6.3	150.5	149.6	149.6	-16.5	.452
162.0	10.07	8.81	287.6	-5.1	147.1	146.5	146.5	-13.1	.441
179.0	10.17	8.84	288.0	-2.4	150.6	150.5	150.5	-6.4	.452
194.7	10.22	8.86	287.8	.7	152.0	151.9	151.9	1.8	.456
208.0	10.21	8.84	289.1	4.5	153.5	153.0	153.0	11.9	.460
220.6	10.18	8.79	288.7	7.3	154.7	153.4	153.4	19.7	.464
239.9	9.90	8.74	287.3	7.3	141.9	140.8	140.8	18.1	.425
252.6	9.90	8.67	287.1	5.3	146.1	145.4	145.5	13.4	.438
267.8	9.91	8.62	287.4	7.1	150.6	149.4	149.5	18.7	.452
283.3	9.83	8.59	288.1	7.7	147.9	146.6	146.6	19.9	.443
296.1	9.90	8.56	287.6	6.3	152.9	152.0	152.0	16.8	.459
312.1	9.48	8.52	286.4	8.4	132.0	130.5	130.5	19.4	.395
326.6	9.56	8.49	286.2	6.5	138.6	137.7	137.7	15.7	.416
339.0	9.74	8.45	289.6	.2	152.2	152.2	152.2	.6	.455
356.0	9.30	8.41	288.4	-3.1	127.7	127.5	127.5	-7.0	.380

TABLE V. - Continued.

(c) Continued.

(c-3) Station 0; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	9.58	8.51	287.3	.8	138.4	138.4	138.4	2.0	.414
25.2	10.19	8.53	289.5	-1.6	169.9	169.8	169.8	-4.7	.511
37.4	9.54	8.54	287.1	-1.1	134.1	134.0	134.0	-2.5	.401
56.6	9.63	8.59	287.7	-2.9	136.4	136.2	136.2	-6.8	.408
69.2	10.17	8.69	289.2	.1	159.7	159.6	159.7	.1	.479
85.4	9.90	8.69	288.9	-3.0	145.7	145.5	145.5	-7.7	.436
99.9	10.05	8.72	288.1	-2.5	151.9	151.8	151.8	-6.7	.456
113.4	9.97	8.74	288.0	-3.4	146.1	145.9	145.9	-8.6	.438
128.9	10.05	8.76	287.6	-3.7	149.2	148.9	148.9	-9.7	.448
143.5	10.15	8.80	288.3	-3.5	152.2	151.9	151.9	-9.2	.456
163.2	10.01	8.85	286.5	-2.6	141.1	140.9	140.9	-6.5	.423
179.2	10.13	8.86	287.0	-.5	147.4	147.4	147.4	-1.4	.442
194.7	10.25	8.85	288.1	1.8	154.2	154.1	154.1	4.9	.463
208.2	10.28	8.83	287.9	3.1	157.0	156.8	156.8	8.5	.472
220.4	10.16	8.80	288.4	5.6	152.4	151.6	151.6	14.9	.457
239.6	9.98	8.75	287.7	3.0	145.9	145.7	145.7	7.5	.437
252.2	9.98	8.71	287.4	2.2	148.7	148.6	148.6	5.8	.446
268.4	9.98	8.66	287.7	1.2	151.4	151.4	151.4	3.1	.455
282.9	10.00	8.64	288.0	.8	153.6	153.5	153.5	2.0	.461
296.4	10.21	8.62	288.0	.6	165.2	165.2	165.2	1.8	.498
311.9	9.97	8.57	288.2	-1.0	156.7	156.6	156.7	-2.6	.471
326.5	9.59	8.53	285.7	-1.4	137.1	137.1	137.1	-3.4	.412
340.2	9.92	8.51	287.8	-1.5	157.7	157.6	157.6	-4.1	.474
356.2	9.36	8.50	286.5	-2.2	124.8	124.7	124.7	-4.7	.373

(c-4) Station 0; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.5	10.11	8.50	288.3	-.8	167.3	167.3	167.3	-2.4	.504
24.8	10.21	8.50	288.5	.2	171.7	171.6	171.7	.5	.517
37.7	9.90	8.52	288.4	-1.5	156.1	156.0	156.0	-4.1	.468
56.8	9.84	8.57	288.4	1.7	150.0	149.9	149.9	4.5	.449
69.1	10.27	8.67	289.6	2.2	166.1	166.0	166.0	6.3	.499
85.0	9.99	8.66	287.8	-.5	151.6	151.6	151.6	-1.3	.455
100.5	10.18	8.70	288.5	-1.4	159.4	159.3	159.3	-3.9	.479
112.7	10.11	8.71	287.7	-.6	155.3	155.2	155.2	-1.7	.466
128.6	10.15	8.75	287.3	-2.6	154.7	154.5	154.5	-6.9	.465
143.5	10.09	8.77	287.5	-.8	150.6	150.5	150.6	-2.1	.452
162.7	9.97	8.80	286.2	.7	142.4	142.4	142.4	1.8	.428
178.8	10.13	8.81	287.6	1.4	150.5	150.4	150.4	3.8	.452
194.5	10.28	8.81	287.4	1.3	158.0	157.9	157.9	3.6	.475
207.8	10.24	8.78	288.5	2.0	157.6	157.4	157.5	5.4	.473
220.7	10.09	8.76	287.3	1.9	151.4	151.3	151.3	5.0	.455
239.8	10.05	8.72	288.2	.2	151.8	151.8	151.8	.6	.455
252.1	10.09	8.68	287.6	.6	156.2	156.1	156.2	1.6	.469
268.0	10.09	8.63	287.1	-.4	158.8	158.8	158.8	-1.1	.478
283.5	10.17	8.61	287.7	-2.5	163.8	163.6	163.6	-7.3	.493
295.7	10.25	8.59	287.5	-2.5	168.6	168.4	168.4	-7.3	.509
311.6	10.16	8.55	287.4	-1.4	166.4	166.3	166.4	-4.2	.502
326.5	10.11	8.53	288.4	-1.6	165.8	165.7	165.8	-4.6	.499
339.7	10.17	8.51	288.8	-2.3	169.8	169.6	169.6	-6.7	.511
355.8	10.06	8.49	289.5	-1.9	165.8	165.6	165.7	-5.6	.498

TABLE V. - Continued.

(c) Continued.

(c-5) Station 0; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.24	8.49	289.2	.7	174.2	174.1	174.2	2.1	.525
24.4	10.19	8.50	288.4	-.6	171.2	171.1	171.2	-1.8	.516
37.4	10.17	8.52	289.6	.5	169.4	169.3	169.4	1.4	.509
56.3	10.04	8.55	289.5	3.0	161.7	161.5	161.5	8.4	.485
68.6	10.09	8.65	288.1	-.6	157.8	157.7	157.7	-1.7	.474
84.9	9.98	8.65	288.4	-.7	152.1	152.1	152.1	-1.8	.456
100.2	10.22	8.67	287.3	.9	163.0	162.9	163.0	2.4	.491
112.9	10.17	8.70	287.3	-.8	158.6	158.6	158.6	-2.1	.478
128.5	10.23	8.74	287.1	-.8	159.2	159.1	159.2	-2.2	.479
143.9	10.20	8.76	287.1	-1.2	156.5	156.4	156.4	-3.2	.471
162.5	10.04	8.77	286.8	1.7	147.5	147.4	147.4	4.3	.443
178.4	10.20	8.79	287.5	1.5	154.7	154.6	154.7	4.0	.465
195.2	10.27	8.79	288.5	1.5	158.9	158.8	158.9	4.1	.477
207.4	10.27	8.78	287.9	1.8	159.4	159.3	159.4	5.1	.479
220.4	10.13	8.75	287.5	.5	153.8	153.7	153.8	1.4	.462
239.3	10.24	8.70	287.6	-1.4	161.8	161.7	161.8	-4.1	.487
251.6	10.21	8.66	287.4	-2.0	162.9	162.8	162.8	-5.7	.491
267.9	10.16	8.61	287.2	-2.7	163.2	162.9	163.0	-7.5	.492
283.2	10.10	8.59	287.6	-1.3	162.1	162.0	162.0	-3.6	.488
295.9	10.22	8.57	287.5	-1.4	168.0	167.8	167.9	-4.1	.507
311.5	10.22	8.55	287.8	-2.3	169.9	169.7	169.8	-6.9	.513
326.9	10.24	8.53	287.6	-1.0	171.5	171.4	171.5	-3.0	.518
339.5	10.19	8.51	288.3	-1.4	170.4	170.3	170.4	-4.3	.514
355.4	10.22	8.49	288.2	-1.1	173.0	172.9	172.9	-3.3	.522

(c-6) Station 0; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.3	10.19	8.48	288.4	-.9	171.9	171.8	171.9	-2.5	.518
24.9	10.23	8.50	288.6	-.8	172.9	172.9	172.9	-2.4	.522
37.6	10.27	8.52	288.5	.8	173.5	173.4	173.5	2.5	.523
57.0	10.26	8.55	288.8	2.2	171.4	171.2	171.2	6.5	.516
66.7	10.25	8.61	288.6	1.4	168.0	167.8	167.9	4.0	.506
84.8	10.19	8.65	288.2	.8	162.7	162.6	162.6	2.4	.489
100.4	10.07	8.68	288.8	1.5	155.1	155.0	155.0	4.0	.465
112.8	10.20	8.71	288.1	-.3	159.9	159.8	159.9	-.8	.481
128.6	10.07	8.73	288.1	.3	152.4	152.4	152.4	.9	.457
143.9	10.10	8.73	287.6	-.1	153.9	153.9	153.9	-.2	.462
163.0	10.12	8.76	286.9	2.8	153.0	152.7	152.8	7.4	.460
179.0	10.21	8.76	287.9	2.4	157.0	156.8	156.9	6.5	.472
195.3	10.24	8.77	286.9	.2	157.8	157.8	157.8	.4	.475
207.9	10.26	8.76	287.6	.6	159.6	159.5	159.6	1.6	.480
220.6	10.14	8.74	286.9	-2.1	154.7	154.6	154.6	-5.6	.466
240.0	10.21	8.70	288.2	-2.5	160.9	160.7	160.8	-7.0	.484
249.7	10.21	8.66	287.8	-2.3	162.9	162.7	162.8	-6.5	.490
267.8	10.18	8.60	287.6	-2.9	164.6	164.3	164.4	-8.3	.496
283.4	10.20	8.58	288.5	-3.3	167.0	166.6	166.7	-9.7	.503
295.3	10.25	8.57	288.6	-3.4	170.2	169.9	169.9	-10.2	.513
311.6	10.22	8.54	288.2	-2.1	170.2	170.0	170.0	-6.1	.513
326.9	10.25	8.52	287.3	-1.7	172.3	172.2	172.2	-5.0	.521
340.0	10.23	8.50	288.1	-2.3	172.3	172.1	172.2	-6.8	.520
356.0	10.23	8.48	290.1	-.2	174.2	174.1	174.2	-.7	.524

TABLE V. - Continued.

(c) Continued.

(c-7) Station 0; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.4	10.17	8.50	288.4	-.2	170.3	170.2	170.3	-.6	.513
25.0	10.19	8.51	288.6	.5	170.8	170.7	170.8	1.3	.515
37.4	10.26	8.53	288.5	1.2	172.9	172.8	172.9	3.5	.521
56.8	10.27	8.55	288.6	2.4	171.8	171.6	171.7	7.2	.518
69.3	10.13	8.64	287.8	.8	160.4	160.3	160.4	2.4	.483
84.9	10.11	8.66	288.3	2.6	158.2	158.0	158.1	7.3	.475
100.0	10.17	8.67	287.9	1.6	160.1	160.0	160.1	4.4	.482
112.7	10.21	8.69	288.2	1.8	161.8	161.7	161.7	5.1	.487
128.8	10.23	8.72	288.7	.3	160.9	160.9	160.9	.9	.484
143.8	10.25	8.72	287.1	-.2	161.1	161.1	161.1	-.6	.486
162.7	10.20	8.74	287.7	2.7	158.1	157.8	157.9	7.5	.475
179.0	10.25	8.75	286.9	2.9	159.4	159.2	159.2	8.0	.480
195.4	10.25	8.75	287.2	1.2	159.6	159.5	159.6	3.4	.481
208.0	10.26	8.74	288.2	.2	161.1	161.0	161.1	.6	.484
220.4	10.20	8.72	288.0	-2.9	159.3	159.1	159.1	-8.0	.479
239.8	10.25	8.68	287.9	-5.1	163.7	163.0	163.1	-14.5	.493
252.3	10.25	8.63	287.5	-4.1	166.4	165.9	166.0	-11.9	.502
267.9	10.24	8.59	288.6	-5.5	168.3	167.5	167.5	-16.1	.507
283.0	10.24	8.58	287.4	-3.3	168.8	168.4	168.5	-9.8	.509
295.7	10.25	8.56	289.3	-4.4	170.6	170.0	170.1	-13.2	.513
311.8	10.24	8.54	287.3	-3.6	170.8	170.4	170.4	-10.6	.516
326.8	10.25	8.53	288.6	-2.0	172.6	172.4	172.5	-5.9	.520
339.7	10.24	8.51	289.3	-2.4	172.8	172.5	172.6	-7.4	.520
356.0	10.21	8.50	289.0	-1.1	172.3	172.2	172.2	-3.2	.519

(c-8) Station 0; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
12.2	10.18	8.52	288.4	.0	169.5	169.5	169.5	.1	.511
25.0	10.24	8.53	289.2	.9	172.0	171.9	172.0	2.7	.518
37.5	10.25	8.54	289.4	1.6	171.7	171.6	171.7	4.7	.517
52.0	10.25	8.55	289.1	3.0	171.6	171.3	171.4	9.0	.517
69.4	10.21	8.64	288.6	3.2	164.6	164.3	164.4	9.1	.495
84.9	10.20	8.65	289.4	3.3	163.3	163.0	163.1	9.3	.490
99.9	10.25	8.66	287.6	4.2	164.5	164.0	164.1	12.1	.496
112.6	10.25	8.68	287.7	2.9	163.8	163.5	163.6	8.2	.493
129.0	10.26	8.70	286.6	.7	162.6	162.6	162.6	1.9	.491
143.9	10.25	8.72	288.6	.8	161.8	161.7	161.8	2.2	.486
163.3	10.24	8.74	287.9	4.7	160.3	159.7	159.8	13.2	.482
179.5	10.23	8.74	288.1	2.4	159.6	159.4	159.5	6.8	.480
195.2	10.26	8.74	288.3	.6	161.0	160.9	161.0	1.5	.484
208.0	10.24	8.73	287.6	-1.4	160.7	160.5	160.6	-4.0	.484
220.5	10.22	8.71	287.9	-2.1	160.5	160.4	160.4	-5.8	.483
235.0	10.25	8.69	287.6	-3.8	163.1	162.7	162.7	-10.9	.491
252.4	10.25	8.63	287.5	-5.0	166.6	165.9	166.0	-14.5	.502
267.9	10.24	8.59	289.0	-5.2	168.7	167.9	168.0	-15.3	.508
282.9	10.25	8.57	288.0	-4.9	170.0	169.3	169.4	-14.5	.513
295.6	10.25	8.55	287.9	-4.2	170.8	170.3	170.4	-12.6	.515
312.0	10.25	8.54	289.1	-3.7	171.5	171.1	171.2	-11.0	.517
326.9	10.25	8.53	286.6	-1.4	171.5	171.4	171.5	-4.1	.519
340.3	10.25	8.52	289.7	-2.4	172.7	172.5	172.6	-7.3	.520
356.5	10.25	8.52	289.1	-.4	172.9	172.8	172.9	-1.3	.521

TABLE V. - Continued.

(c) Continued.

(c-9) Station 0; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.8	10.19	8.51	288.0	-.4	169.7	169.6	169.7	-1.2	.512
24.7	10.22	8.53	287.3	1.8	170.6	170.5	170.6	5.3	.515
37.6	10.24	8.54	288.8	3.0	171.2	170.9	170.9	8.9	.516
56.8	10.24	8.56	289.1	2.9	170.5	170.3	170.3	8.6	.513
69.3	10.24	8.63	288.9	3.3	166.7	166.3	166.4	9.5	.501
84.8	10.22	8.65	288.5	3.2	164.3	164.0	164.1	9.1	.494
100.4	10.24	8.66	286.9	3.8	164.1	163.7	163.8	10.8	.495
113.1	10.24	8.67	287.8	2.0	164.0	163.9	163.9	5.6	.494
129.0	10.24	8.60	288.5	1.2	163.7	163.6	163.7	3.5	.492
143.9	10.25	8.70	287.7	-.4	162.7	162.6	162.6	-1.0	.490
163.5	10.22	8.71	288.0	4.5	160.4	159.8	159.9	12.5	.482
179.1	10.24	8.72	288.6	3.2	161.4	161.1	161.1	8.9	.485
190.8	10.24	8.72	287.7	.1	161.4	161.3	161.4	.1	.486
207.7	10.23	8.72	287.8	-1.9	160.5	160.3	160.4	-5.2	.483
220.6	10.24	8.71	288.2	-2.6	161.9	161.6	161.7	-7.3	.487
239.8	10.25	8.67	287.9	-5.1	164.2	163.5	163.6	-14.5	.495
252.3	10.25	8.62	288.4	-4.5	167.1	166.5	166.6	-13.0	.503
267.8	10.24	8.58	290.0	-5.9	169.6	168.7	168.7	-17.4	.510
283.4	10.24	8.56	288.7	-5.3	170.2	169.4	169.5	-15.6	.513
296.1	10.25	8.55	288.3	-4.7	170.8	170.2	170.3	-13.9	.515
312.0	10.24	8.54	287.8	-3.6	171.4	171.0	171.0	-10.8	.517
326.9	10.25	8.52	288.2	-2.0	172.2	172.0	172.1	-6.0	.520
340.5	10.23	8.52	289.8	-3.8	172.5	172.1	172.2	-11.4	.519
356.1	10.23	8.51	288.6	-2.3	172.2	172.0	172.1	-7.0	.519

(c-10) Station 0; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.9	10.23	8.58	288.6	-1.2	169.0	168.9	168.9	-3.5	.509
25.0	10.21	8.58	288.1	.1	167.6	167.6	167.6	.2	.505
37.6	10.23	8.58	287.8	1.9	168.6	168.4	168.5	5.4	.508
57.0	10.23	8.58	287.9	4.0	168.6	168.2	168.2	11.6	.508
69.1	10.23	8.66	288.9	4.8	164.4	163.8	163.8	13.7	.494
85.4	10.23	8.67	289.1	4.8	164.0	163.3	163.4	13.7	.493
100.0	10.24	8.67	288.0	5.2	163.9	163.2	163.2	14.7	.493
113.1	10.23	8.68	287.7	3.9	163.2	162.8	162.8	11.0	.491
128.5	10.23	8.69	288.9	2.8	163.1	162.8	162.9	7.9	.490
143.9	10.23	8.69	287.3	.0	162.3	162.2	162.3	2.3	.489
162.8	10.23	8.70	288.3	3.4	161.7	161.4	161.4	9.6	.486
179.0	10.23	8.72	287.8	1.2	161.0	160.9	160.9	3.3	.484
194.9	10.24	8.71	288.2	-.9	161.6	161.5	161.6	-2.6	.486
208.0	10.24	8.70	287.6	-2.2	162.2	162.0	162.0	-6.3	.488
220.6	10.24	8.69	287.6	-4.8	162.6	162.0	162.0	-13.6	.490
240.0	10.24	8.66	288.9	-6.3	164.4	163.4	163.4	-17.9	.494
252.1	10.24	8.62	288.6	-6.1	166.7	165.7	165.8	-17.7	.502
268.4	10.24	8.59	288.7	-8.2	168.4	166.7	166.7	-24.0	.507
283.0	10.24	8.58	290.1	-7.4	169.3	167.8	167.9	-21.9	.509
296.1	10.24	8.57	288.8	-6.7	169.4	168.2	168.2	-19.7	.510
311.5	10.24	8.56	289.2	-4.2	170.0	169.5	169.5	-12.4	.512
326.9	10.23	8.56	288.4	-3.9	169.4	169.0	169.0	-11.6	.511
339.8	10.22	8.56	288.7	-5.2	169.2	168.5	168.5	-15.5	.510
356.0	10.23	8.57	289.0	-2.6	169.4	169.2	169.2	-7.8	.510

TABLE V. - Continued.

(c) Continued.

(c-11) Station 0; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
11.7	10.23	8.63	287.7	-1.9	165.7	165.6	165.6	-5.4	.499
24.6	10.23	8.63	288.4	.8	165.5	165.4	165.4	2.3	.498
37.3	10.23	8.63	287.9	2.8	165.8	165.6	165.6	8.0	.499
56.8	10.23	8.62	287.8	7.0	166.2	165.0	165.0	20.1	.501
69.3	10.23	8.68	287.3	3.7	162.6	162.2	162.2	10.5	.490
85.5	10.23	8.68	286.9	8.0	162.5	161.0	161.0	22.5	.490
100.4	10.23	8.69	288.0	8.9	162.2	160.2	160.2	25.2	.488
113.0	10.23	8.69	289.6	5.0	162.8	162.1	162.1	14.2	.488
128.5	10.23	8.70	287.9	4.7	161.5	160.9	160.9	13.3	.486
143.8	10.23	8.72	288.9	1.7	160.8	160.8	160.8	4.9	.483
163.1	10.22	8.72	288.1	3.5	160.5	160.2	160.2	9.8	.483
177.9	10.23	8.72	288.1	2.7	160.4	160.2	160.2	7.5	.482
194.7	10.23	8.73	288.9	-4	160.6	160.6	160.6	-1.2	.482
207.6	10.23	8.72	288.1	-4.0	160.9	160.5	160.5	-11.2	.484
220.3	10.23	8.71	287.6	-5.0	161.4	160.8	160.8	-14.1	.486
239.8	10.23	8.67	288.2	-7.1	163.5	162.2	162.2	-20.1	.492
252.3	10.23	8.62	288.0	-10.4	166.2	163.5	163.5	-30.1	.501
268.5	10.23	8.58	287.6	-8.5	168.2	166.4	166.4	-24.9	.507
283.4	10.23	8.58	289.1	-9.9	168.7	166.1	166.2	-29.0	.507
296.0	10.23	8.59	289.8	-8.3	168.6	166.8	166.8	-24.2	.507
311.5	10.23	8.59	289.7	-7.1	168.6	167.3	167.3	-20.7	.507
326.8	10.23	8.60	287.2	-4.0	167.2	166.8	166.8	-11.7	.505
340.1	10.22	8.61	288.5	-6.7	166.4	165.3	165.3	-19.4	.501
354.9	10.22	8.61	289.1	-5.4	166.5	165.8	165.8	-15.6	.501

(c-12) Station 1; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.2	9.35	8.18	288.1	6.7	147.0	146.0	146.1	17.0	.441
20.8	9.34	8.19	288.1	5.1	145.9	145.3	145.3	12.9	.437
33.6	9.45	8.19	288.6	3.5	152.6	152.3	152.3	9.2	.457
52.8	9.18	8.19	287.9	2.3	136.3	136.1	136.2	5.4	.407
65.4	9.45	8.20	288.7	.5	152.2	152.2	152.2	1.2	.456
80.6	9.49	8.22	288.5	1.6	152.7	152.6	152.7	4.1	.458
96.2	9.53	8.26	288.0	1.6	152.1	152.0	152.1	4.2	.456
102.0	9.55	8.29	287.9	1.6	151.5	151.4	151.4	4.2	.454
124.2	9.64	8.34	287.4	1.5	152.7	152.6	152.6	4.1	.459
139.5	9.69	8.36	287.3	3.0	154.5	154.2	154.3	8.0	.464
163.8	9.71	8.33	288.0	-1.3	157.2	157.2	157.2	-3.7	.472
180.3	9.84	8.39	288.4	-1.1	160.1	160.1	160.1	-3.0	.481
196.3	9.93	8.38	288.6	.5	165.6	165.6	165.6	1.5	.498
208.9	9.93	8.36	288.8	1.8	166.7	166.6	166.6	5.2	.501
221.7	9.89	8.34	288.7	2.7	165.6	165.4	165.4	7.8	.498
240.9	9.72	8.32	288.3	3.5	158.7	158.4	158.4	9.6	.477
253.5	9.69	8.31	287.9	3.2	157.8	157.5	157.5	8.8	.474
268.7	9.60	8.29	287.9	4.0	153.7	153.3	153.3	10.6	.461
284.3	9.55	8.29	287.8	4.3	151.1	150.6	150.7	11.4	.453
290.1	9.54	8.29	287.8	4.5	150.4	149.9	150.0	11.9	.451
312.3	9.50	8.23	287.7	5.3	152.5	151.9	151.9	13.4	.458
327.6	9.42	8.22	287.9	5.7	148.7	148.0	148.0	14.7	.446
335.7	9.26	8.22	288.0	9.2	139.2	137.4	137.4	22.2	.416
352.2	9.36	8.21	288.0	9.0	145.9	144.1	144.1	22.8	.437

TABLE V. - Continued.

(c) Continued.

(c-13) Station 1; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	9.51	8.19	287.8	6.7	155.5	154.4	154.4	18.0	.467
20.7	9.76	8.19	288.3	5.8	168.2	167.3	167.3	17.1	.507
33.3	9.61	8.21	288.0	5.1	159.4	158.8	158.8	14.1	.479
52.6	9.52	8.21	288.0	3.7	154.3	154.0	154.0	10.0	.463
65.3	9.38	8.22	287.8	2.2	146.1	145.9	145.9	5.7	.438
80.5	9.66	8.25	288.3	3.8	159.7	159.3	159.3	10.5	.480
96.0	9.61	8.26	288.2	3.7	156.4	156.1	156.1	10.1	.470
108.8	9.65	8.28	287.9	3.3	157.5	157.2	157.2	9.2	.473
124.8	9.73	8.33	287.0	3.2	158.4	158.1	158.1	8.7	.477
139.3	9.81	8.34	287.2	3.5	161.7	161.4	161.4	9.9	.487
162.8	9.74	8.34	287.8	-1.5	158.6	158.5	158.5	-4.2	.477
179.8	9.85	8.38	288.1	-1.2	161.3	161.3	161.3	-3.5	.485
195.5	9.97	8.40	288.4	.1	166.7	166.7	166.7	.4	.502
208.8	10.00	8.39	288.8	1.0	168.4	168.3	168.3	2.9	.507
221.4	9.97	8.37	288.5	1.8	168.2	168.1	168.1	5.4	.507
240.7	9.80	8.33	288.1	2.8	161.9	161.8	161.8	7.8	.487
253.4	9.73	8.31	287.8	2.3	159.5	159.4	159.4	6.4	.480
268.6	9.71	8.27	287.7	2.9	161.1	160.9	160.9	8.2	.485
284.1	9.67	8.28	287.9	2.5	158.6	158.4	158.4	7.0	.477
296.9	9.66	8.26	287.7	2.5	157.7	157.5	157.5	7.0	.474
312.9	9.60	8.27	287.6	3.5	155.2	154.9	154.9	9.6	.466
327.4	9.55	8.26	287.4	2.3	153.3	153.2	153.2	6.1	.461
334.7	9.47	8.26	287.5	7.9	148.9	147.5	147.5	20.5	.447
351.7	9.57	8.23	287.9	7.1	156.4	155.2	155.2	19.3	.470

(c-14) Station 1; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	9.56	8.22	287.5	4.7	156.6	156.0	156.0	12.8	.471
20.9	9.70	8.20	287.4	5.4	164.4	163.7	163.7	15.4	.495
33.1	9.69	8.22	288.0	5.3	163.0	162.3	162.3	15.0	.491
52.3	9.69	8.23	287.8	5.5	162.0	161.3	161.3	15.4	.488
64.9	9.69	8.23	288.2	6.4	162.6	161.6	161.6	18.1	.489
81.1	9.88	8.27	288.7	5.3	169.6	168.9	168.9	15.6	.511
95.6	9.76	8.27	288.0	5.2	163.3	162.6	162.6	14.8	.492
109.1	9.82	8.27	287.5	4.3	166.0	165.5	165.5	12.3	.501
124.6	9.78	8.28	287.3	4.2	163.8	163.4	163.4	12.0	.494
139.2	9.88	8.30	287.2	4.3	167.4	166.9	166.9	12.5	.505
164.0	9.73	8.34	287.2	-.5	158.0	158.0	158.0	-1.3	.476
180.0	9.81	8.37	287.7	-.4	160.3	160.3	160.3	-1.0	.482
195.5	9.95	8.38	288.5	-.2	166.7	166.7	166.7	-.5	.502
209.0	10.03	8.38	288.4	.2	170.3	170.3	170.3	.5	.513
221.2	10.02	8.35	288.6	.6	171.4	171.4	171.4	1.9	.517
240.4	9.79	8.32	288.0	.3	162.2	162.2	162.2	.8	.488
253.0	9.76	8.30	287.7	.2	161.2	161.2	161.2	.5	.485
269.2	9.77	8.28	287.8	-.2	163.5	163.5	163.5	-.6	.492
283.7	9.80	8.27	288.2	.1	166.0	166.0	166.0	.4	.500
297.2	9.87	8.26	287.6	-1.3	169.5	169.5	169.5	-3.8	.512
312.7	9.75	8.27	287.8	.2	163.2	163.2	163.2	.7	.492
327.3	9.87	8.24	288.0	-1.9	170.4	170.3	170.3	-5.5	.514
335.9	9.77	8.22	287.9	3.6	166.6	166.2	166.2	10.5	.502
351.9	9.58	8.23	287.3	4.3	156.7	156.3	156.3	11.6	.471

TABLE V. - Continued.

(c) Continued.

(c-15) Station 1; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	9.89	8.19	288.3	3.1	174.2	173.9	173.9	9.5	.526
20.5	9.96	8.19	287.8	3.8	177.4	177.0	177.0	11.6	.536
33.4	9.95	8.20	288.2	3.3	176.4	176.1	176.1	10.3	.533
52.5	9.87	8.22	288.2	4.1	171.7	171.3	171.3	12.2	.518
64.8	9.83	8.23	288.3	4.8	169.7	169.1	169.1	14.3	.511
80.7	9.97	8.25	287.8	3.8	174.7	174.3	174.3	11.5	.528
96.2	9.78	8.24	287.7	3.9	166.1	165.7	165.7	11.2	.501
108.4	9.87	8.24	287.7	3.8	170.1	169.8	169.8	11.3	.513
124.3	9.88	8.25	287.0	3.3	170.4	170.1	170.1	9.9	.515
139.2	9.98	8.26	287.5	3.0	174.3	174.1	174.1	9.2	.527
163.5	9.77	8.29	287.0	-1.5	162.6	162.5	162.5	-4.3	.490
179.6	9.88	8.31	287.7	-1.5	166.9	166.9	166.9	-4.4	.503
195.3	10.01	8.36	288.2	-1.5	170.9	170.8	170.8	-4.5	.515
208.6	10.07	8.35	288.7	-1.4	174.1	174.1	174.1	-4.4	.525
221.5	10.00	8.34	288.5	-1.5	171.6	171.5	171.6	-4.5	.517
240.6	9.84	8.30	288.1	-1.6	165.9	165.9	165.9	-4.5	.500
252.9	9.91	8.26	288.4	-1.8	171.3	171.2	171.2	-5.5	.516
268.8	9.92	8.24	288.5	-2.2	172.9	172.7	172.7	-6.5	.521
284.3	9.92	8.22	287.6	-2.2	173.5	173.4	173.4	-6.7	.524
296.5	9.90	8.22	288.0	-2.4	173.1	172.9	172.9	-7.2	.523
312.4	9.91	8.25	287.7	-1.7	171.8	171.7	171.7	-5.2	.519
327.3	10.02	8.22	288.0	-3.0	178.5	178.3	178.3	-9.4	.540
335.4	9.89	8.20	288.2	2.5	174.1	173.9	173.9	7.6	.526
351.5	9.85	8.20	288.3	2.6	172.0	171.8	171.8	7.8	.519

(c-16) Station 1; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.02	8.18	288.5	2.9	180.8	180.6	180.6	9.0	.547
20.1	10.00	8.18	288.1	2.9	179.7	179.5	179.5	9.1	.544
33.1	9.99	8.21	287.8	2.4	178.0	177.8	177.8	7.4	.538
52.0	9.98	8.20	288.1	3.2	177.8	177.5	177.5	10.0	.537
64.3	9.96	8.21	288.0	3.5	176.1	175.7	175.7	10.7	.532
80.6	10.00	8.24	288.2	2.7	176.6	176.4	176.4	8.4	.533
95.9	9.80	8.23	287.2	3.1	167.6	167.3	167.3	9.0	.506
108.6	9.88	8.23	287.1	2.5	171.3	171.1	171.1	7.5	.518
124.2	9.99	8.27	287.6	2.5	174.1	173.9	173.9	7.7	.527
139.6	10.00	8.26	286.8	2.6	175.1	174.9	174.9	8.1	.530
163.3	9.81	8.27	287.2	-2.3	165.9	165.7	165.8	-6.7	.500
179.2	9.92	8.29	287.7	-2.6	170.0	169.8	169.8	-7.6	.513
196.0	10.07	8.32	289.1	-2.5	175.6	175.4	175.4	-7.8	.529
208.2	10.08	8.31	288.6	-2.6	176.3	176.1	176.1	-8.0	.532
221.2	10.04	8.30	288.1	-2.7	174.8	174.6	174.6	-8.2	.528
240.1	9.94	8.28	287.9	-2.9	171.4	171.2	171.2	-8.6	.517
252.4	9.96	8.25	288.2	-3.0	173.9	173.7	173.7	-9.2	.525
268.7	10.00	8.23	288.6	-3.1	177.5	177.2	177.2	-9.6	.536
284.0	9.97	8.22	287.9	-3.1	176.2	175.9	175.9	-9.6	.533
296.7	9.95	8.23	287.8	-3.1	175.0	174.8	174.8	-9.5	.529
312.3	9.96	8.22	288.0	-3.0	175.6	175.4	175.4	-9.1	.531
327.7	10.05	8.20	287.9	-3.3	180.6	180.3	180.3	-10.3	.547
335.2	10.00	8.19	288.5	1.8	179.2	179.1	179.1	5.5	.542
351.1	10.01	8.19	288.5	2.0	179.5	179.4	179.4	6.4	.543

TABLE V. - Continued.

(c) Continued.

(c-17) Station 1; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.0	10.03	8.18	288.2	1.8	181.2	181.1	181.1	5.7	.548
20.6	10.01	8.18	287.8	2.1	180.0	179.8	179.9	6.5	.545
33.3	10.02	8.19	287.4	1.6	179.8	179.7	179.7	4.9	.545
52.7	10.06	8.20	288.5	2.0	181.2	181.0	181.0	6.3	.548
62.4	10.05	8.20	288.4	2.2	180.7	180.5	180.5	6.9	.546
80.5	10.01	8.23	287.7	2.2	177.5	177.3	177.3	6.7	.537
96.1	9.85	8.22	287.5	1.8	170.5	170.4	170.4	5.3	.515
108.5	9.87	8.21	287.3	1.8	171.9	171.8	171.8	5.4	.520
124.3	9.98	8.22	287.2	1.5	176.8	176.7	176.7	4.6	.535
139.6	10.04	8.25	286.8	1.7	177.3	177.2	177.2	5.2	.537
163.8	9.86	8.27	287.5	-2.8	168.4	168.2	168.2	-8.4	.508
179.8	9.96	8.29	288.2	-3.1	172.1	171.8	171.8	-9.2	.519
196.1	10.03	8.31	288.3	-3.1	174.2	173.9	173.9	-9.4	.526
208.7	10.09	8.30	288.4	-3.6	177.2	176.9	176.9	-11.1	.535
221.4	10.07	8.28	288.2	-3.6	177.2	176.8	176.8	-11.3	.535
240.8	9.95	8.25	287.9	-3.8	173.7	173.3	173.3	-11.4	.525
250.5	9.99	8.23	288.4	-3.8	176.8	176.4	176.4	-11.7	.534
268.6	10.01	8.21	287.8	-3.7	178.1	177.7	177.7	-11.5	.539
284.2	9.97	8.20	287.8	-4.0	177.5	177.0	177.1	-12.3	.537
296.6	9.97	8.19	287.6	-4.0	177.7	177.2	177.3	-12.3	.538
312.4	10.02	8.20	288.2	-3.8	179.3	178.8	178.9	-11.8	.542
327.7	10.05	8.20	288.0	-3.7	181.1	180.7	180.7	-11.5	.548
335.7	10.03	8.19	288.2	1.4	180.5	180.5	180.5	4.4	.546
351.7	10.06	8.19	288.4	1.6	181.9	181.8	181.8	4.9	.550

(c-18) Station 1; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
8.1	10.05	8.16	287.8	.1	183.1	183.0	183.1	.2	.555
20.7	10.04	8.16	287.8	.0	182.4	182.3	182.4	.0	.553
33.1	10.04	8.17	287.6	-.4	182.0	181.9	182.0	-1.2	.551
52.5	10.09	8.18	288.1	-.2	183.2	183.1	183.2	-.7	.555
65.0	10.09	8.20	287.8	.0	182.4	182.3	182.4	.1	.552
80.6	10.05	8.21	288.3	-.1	180.3	180.2	180.3	-.4	.545
95.7	9.94	8.21	287.4	-.4	175.4	175.3	175.4	-1.3	.530
108.4	9.99	8.20	287.4	-.4	177.9	177.8	177.9	-1.3	.539
124.5	10.06	8.21	287.2	-.3	180.3	180.2	180.3	-1.0	.546
139.5	10.07	8.22	286.6	-.2	179.9	179.8	179.9	-.7	.546
163.5	9.99	8.24	287.7	-5.3	175.8	175.0	175.1	-16.4	.532
179.8	10.05	8.26	288.1	-5.4	177.6	176.8	176.8	-16.6	.537
196.2	10.08	8.28	287.9	-5.3	177.6	176.8	176.9	-16.4	.537
208.8	10.09	8.28	288.8	-5.6	178.8	177.9	178.0	-17.5	.540
221.2	10.06	8.26	288.0	-5.7	177.9	176.9	177.0	-17.7	.538
240.6	10.05	8.24	288.1	-5.8	178.7	177.7	177.8	-18.1	.540
253.1	10.08	8.21	288.3	-5.7	181.5	180.5	180.6	-18.1	.549
268.7	10.07	8.20	288.3	-6.0	181.8	180.7	180.8	-19.1	.550
283.8	10.07	8.18	288.3	-6.1	182.3	181.2	181.3	-19.4	.552
296.5	10.07	8.18	288.2	-6.0	182.9	181.8	181.8	-19.3	.554
312.6	10.09	8.18	288.2	-5.8	183.2	182.2	182.3	-18.3	.555
327.6	10.08	8.18	287.7	-6.0	183.0	181.9	182.0	-19.2	.555
335.4	10.09	8.18	288.1	-.5	183.5	183.4	183.5	-1.7	.556
351.7	10.09	8.16	288.0	-.2	184.3	184.2	184.3	-.7	.559

TABLE V. - Continued.

(c) Continued.

(c-19) Station 1; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	10.07	8.17	287.6	-1.8	183.1	182.8	183.0	-5.6	.555
20.7	10.02	8.17	287.6	-1.9	180.8	180.5	180.7	-6.0	.548
33.2	10.04	8.17	287.4	-2.0	182.0	181.7	181.9	-6.4	.552
47.7	10.09	8.18	287.9	-1.9	183.5	183.2	183.4	-6.0	.556
65.1	10.08	8.19	288.1	-1.8	182.5	182.2	182.4	-5.6	.553
80.6	10.07	8.21	287.8	-1.7	181.2	180.9	181.1	-5.5	.549
95.6	10.01	8.20	287.7	-1.7	178.9	178.6	178.8	-5.3	.541
108.3	10.03	8.21	287.5	-1.8	179.4	179.1	179.3	-5.5	.543
124.7	10.08	8.22	286.8	-2.0	180.6	180.3	180.5	-6.4	.548
139.6	10.07	8.22	286.5	-2.3	180.0	179.6	179.8	-7.3	.546
164.1	10.06	8.24	287.8	-6.8	179.1	177.7	177.9	-21.2	.542
180.3	10.08	8.25	289.3	-6.9	179.7	178.2	178.4	-21.7	.542
196.0	10.09	8.28	288.3	-7.0	178.5	176.9	177.1	-21.8	.539
208.8	10.09	8.27	288.5	-7.1	178.7	177.1	177.3	-22.1	.540
221.3	10.08	8.26	287.9	-6.9	179.0	177.6	177.8	-21.3	.542
235.8	10.07	8.24	288.4	-7.2	179.4	177.8	178.0	-22.4	.542
253.2	10.09	8.21	288.6	-7.2	181.8	180.2	180.4	-22.7	.550
268.7	10.08	8.19	288.9	-7.2	183.0	181.3	181.5	-22.8	.553
283.7	10.08	8.18	288.0	-7.3	183.2	181.5	181.7	-23.3	.555
296.4	10.09	8.18	288.6	-7.3	183.7	181.8	182.2	-23.3	.556
312.8	10.09	8.17	288.2	-7.0	183.9	182.3	182.5	-22.5	.557
327.7	10.08	8.17	287.3	-7.2	183.4	181.8	182.0	-22.8	.556
336.0	10.09	8.17	288.2	-2.0	183.9	183.5	183.7	-6.4	.557
352.2	10.09	8.16	287.7	-1.9	184.0	183.7	183.9	-5.9	.558

(c-20) Station 1; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
3.5	10.07	8.17	287.7	-2.7	183.1	182.7	182.9	-8.7	.555
20.4	10.04	8.17	287.2	-2.7	181.6	181.1	181.4	-8.6	.551
33.3	10.06	8.17	287.7	-2.7	182.9	182.4	182.7	-8.6	.554
52.5	10.08	8.17	287.3	-2.8	183.4	182.8	183.1	-9.1	.556
65.0	10.08	8.19	287.6	-2.5	182.5	182.1	182.4	-7.9	.553
80.5	10.05	8.21	287.3	-2.7	180.0	179.5	179.8	-8.5	.545
96.1	10.05	8.20	287.3	-2.5	180.3	179.9	180.1	-7.7	.546
108.8	10.06	8.21	286.5	-2.8	180.2	179.7	180.0	-8.8	.547
124.7	10.08	8.23	286.8	-3.0	180.2	179.7	179.9	-9.3	.546
139.6	10.09	8.23	286.6	-3.1	180.2	179.7	180.0	-9.7	.547
164.3	10.08	8.25	288.3	-7.8	179.6	177.7	177.9	-24.3	.543
179.9	10.08	8.26	288.7	-7.9	179.4	177.5	177.7	-24.8	.542
191.6	10.09	8.26	288.2	-7.9	179.8	177.8	178.1	-24.8	.544
208.5	10.09	8.26	289.1	-8.1	179.6	177.5	177.8	-25.4	.543
221.4	10.09	8.25	288.3	-8.0	179.8	177.8	178.1	-24.9	.544
240.6	10.09	8.22	288.2	-8.1	181.2	179.1	179.4	-25.6	.548
253.1	10.09	8.20	288.6	-8.0	182.7	180.6	180.9	-25.5	.553
268.6	10.09	8.19	289.0	-7.9	183.3	181.3	181.5	-25.2	.554
284.2	10.10	8.18	289.2	-8.2	184.4	182.2	182.5	-26.1	.557
296.9	10.09	8.18	289.0	-8.2	183.6	181.4	181.7	-26.1	.555
312.8	10.09	8.18	288.0	-8.1	183.7	181.5	181.8	-26.0	.556
327.7	10.09	8.18	287.7	-8.0	183.5	181.4	181.7	-25.5	.556
336.2	10.09	8.18	288.0	-2.8	183.3	182.8	183.1	-9.1	.555
351.8	10.08	8.17	287.5	-2.7	183.6	183.1	183.4	-8.8	.557

TABLE V. - Continued.

(c) Continued.

(c-21) Station 1; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.6	10.07	8.22	287.6	-6.7	180.2	178.1	179.0	-20.9	.546
20.7	10.05	8.23	287.5	-6.7	179.4	177.2	178.1	-20.9	.543
33.3	10.07	8.23	287.2	-6.5	179.7	177.3	178.5	-20.4	.544
52.7	10.07	8.25	287.0	-6.3	178.9	176.9	177.8	-19.4	.542
64.8	10.07	8.26	287.5	-6.5	178.2	176.1	177.0	-20.1	.539
81.1	10.06	8.28	287.7	-6.2	176.8	174.8	175.8	-19.1	.535
95.7	10.06	8.27	287.0	-6.1	176.9	174.9	175.9	-18.8	.536
108.8	10.05	8.27	287.3	-6.5	176.8	174.7	175.6	-19.8	.535
124.2	10.06	8.27	287.6	-6.7	177.3	175.2	176.1	-20.4	.536
139.6	10.06	8.27	286.5	-6.8	177.1	174.9	175.8	-20.9	.537
163.6	10.06	8.28	288.5	-11.8	177.4	172.8	173.7	-35.9	.536
179.8	10.06	8.29	288.1	-11.8	176.8	172.1	173.1	-36.1	.534
195.7	10.07	8.30	288.1	-12.0	176.7	171.9	172.9	-36.4	.534
208.8	10.06	8.29	288.0	-11.9	176.3	171.6	172.5	-36.2	.533
221.4	10.06	8.30	288.3	-11.7	176.0	171.4	172.4	-35.6	.531
240.8	10.06	8.28	288.7	-11.7	177.0	172.4	173.3	-35.6	.534
252.9	10.07	8.27	288.9	-11.8	177.9	173.2	174.2	-36.1	.537
269.2	10.06	8.25	288.9	-11.9	178.7	174.0	174.9	-36.6	.540
283.8	10.06	8.24	289.1	-11.9	179.4	174.7	175.6	-36.7	.542
296.9	10.06	8.23	288.9	-11.9	179.5	174.8	175.7	-36.8	.542
312.3	10.06	8.23	287.6	-11.7	179.8	175.2	176.1	-36.3	.544
327.7	10.07	8.23	288.6	-11.6	180.1	175.5	176.5	-36.0	.544
335.5	10.08	8.23	287.5	-6.8	180.0	177.8	178.8	-21.1	.545
351.7	10.08	8.23	287.4	-6.7	180.1	177.9	178.9	-20.8	.546

(c-22) Station 1; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	9.94	8.38	287.2	-14.0	165.9	158.5	161.1	-39.7	.501
20.3	9.89	8.39	287.2	-13.6	162.9	155.9	158.5	-37.7	.491
33.0	9.90	8.38	286.9	-12.8	163.5	157.0	159.5	-35.8	.493
52.5	9.91	8.39	287.0	-12.2	163.7	157.6	160.2	-34.0	.494
65.0	9.91	8.40	286.7	-12.0	162.9	156.9	159.4	-33.4	.491
81.2	9.91	8.42	286.4	-12.1	161.4	155.4	158.0	-33.3	.487
96.1	9.92	8.42	287.3	-12.1	162.2	156.2	158.7	-33.4	.489
108.7	9.92	8.42	287.1	-11.6	162.3	156.5	159.0	-32.1	.489
124.2	9.92	8.42	287.1	-11.8	162.0	156.1	158.6	-32.7	.488
139.5	9.91	8.42	287.2	-12.0	162.2	156.2	158.7	-33.1	.489
163.9	9.90	8.42	287.9	-18.5	161.5	150.9	153.4	-50.6	.486
178.7	9.96	8.43	287.9	-19.4	164.4	152.8	155.3	-53.9	.495
195.5	10.04	8.45	288.5	-19.9	166.6	154.4	157.0	-55.9	.502
208.4	10.04	8.46	288.4	-20.1	166.7	154.3	156.8	-56.5	.502
221.1	10.05	8.45	287.6	-20.0	167.1	154.8	157.4	-56.2	.504
240.6	10.06	8.43	288.3	-20.7	168.9	155.8	158.3	-58.9	.509
253.1	10.07	8.39	288.5	-21.1	171.4	157.7	160.3	-60.8	.517
269.3	10.06	8.38	288.1	-20.9	171.9	158.3	160.9	-60.6	.519
284.2	10.06	8.37	288.9	-21.2	172.2	158.3	160.9	-61.4	.519
296.8	10.06	8.37	288.7	-20.8	172.5	159.0	161.6	-60.3	.520
312.3	10.05	8.37	289.0	-20.5	171.7	158.6	161.2	-59.3	.517
327.6	10.03	8.36	287.8	-19.8	171.1	158.6	161.2	-57.2	.516
335.8	10.02	8.36	287.6	-14.1	170.6	162.9	165.6	-41.0	.515
350.6	9.99	8.38	287.6	-14.5	168.2	160.4	163.1	-41.4	.508

TABLE V. - Continued.

(c) Continued.

(c-23) Station 2; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.9	19.02	14.39	372.4	61.0	239.4	116.2	116.2	209.3	.644
22.1	18.68	14.40	370.9	60.6	231.0	113.4	113.4	201.3	.621
34.7	18.36	14.32	370.6	58.5	225.8	118.1	118.1	192.5	.606
49.9	18.40	14.30	370.5	58.3	227.4	119.4	119.4	193.5	.611
65.5	18.59	14.24	372.8	57.2	234.2	126.7	126.7	197.0	.629
71.3	18.38	14.20	369.5	57.4	229.8	123.9	123.9	193.5	.619
93.5	18.53	14.30	371.7	57.4	230.7	124.3	124.3	194.3	.619
108.8	18.78	14.30	371.1	55.9	236.4	132.4	132.4	195.8	.636
133.0	18.46	14.37	368.7	58.8	226.3	117.1	117.1	193.6	.609
149.5	18.58	14.35	370.0	58.0	229.8	121.7	121.7	194.9	.618
165.5	18.60	14.32	368.6	56.7	231.0	126.7	126.7	193.2	.623
178.1	18.60	14.33	368.8	57.2	230.8	125.1	125.1	194.0	.622
190.9	18.74	14.30	368.3	56.5	234.4	129.4	129.4	195.5	.633
210.1	18.36	14.25	364.7	58.0	226.3	119.9	119.9	192.0	.613
222.7	18.39	14.34	363.1	58.4	223.7	117.2	117.2	190.6	.607
237.9	18.52	14.40	364.0	59.8	225.3	113.3	113.4	194.7	.611
253.5	18.54	14.42	366.2	60.3	225.8	112.0	112.0	196.1	.610
259.3	18.46	14.42	365.8	60.7	223.5	109.4	109.4	195.0	.604
281.5	18.66	14.45	369.0	61.8	228.7	108.2	108.2	201.5	.616
296.8	18.55	14.36	366.3	62.1	227.8	106.7	106.7	201.2	.616
305.0	18.79	14.31	365.5	61.9	234.3	110.2	110.2	206.7	.636
321.5	18.91	14.29	367.8	62.1	238.6	111.6	111.6	210.9	.646
337.5	18.54	14.31	367.1	61.8	229.2	108.2	108.2	202.1	.619
350.1	18.92	14.36	367.1	62.9	236.3	107.6	107.6	210.4	.640

(c-24) Station 2; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	18.09	14.11	358.8	55.6	222.4	125.5	125.6	183.5	.607
21.9	18.34	14.10	361.7	54.9	229.2	131.9	131.9	187.5	.624
34.6	18.10	14.04	359.2	55.5	224.6	127.2	127.2	185.1	.613
49.8	18.26	14.04	363.1	55.4	229.6	130.5	130.5	188.9	.624
65.3	18.48	14.02	364.9	53.8	235.9	139.3	139.3	190.4	.641
78.1	18.27	13.98	361.3	54.6	231.2	133.8	133.8	188.5	.630
94.1	18.42	14.02	361.4	53.6	233.5	138.5	138.5	188.0	.637
108.6	18.40	14.07	360.5	52.6	231.1	140.4	140.5	183.5	.631
132.0	18.20	14.09	359.5	53.7	225.7	133.5	133.5	182.0	.616
149.0	18.36	14.04	359.4	52.8	230.8	139.5	139.5	183.9	.631
164.7	18.39	14.08	359.1	52.6	230.1	139.6	139.6	182.9	.629
178.0	18.28	14.04	358.5	51.6	228.9	142.2	142.2	179.3	.626
190.6	18.24	13.99	355.3	51.1	228.2	143.2	143.2	177.7	.627
209.9	18.12	13.98	353.5	51.5	225.4	140.3	140.3	176.4	.621
222.6	17.99	14.07	351.8	52.4	218.9	133.5	133.5	173.5	.603
237.8	18.10	14.11	355.6	53.4	221.6	132.0	152.1	177.9	.607
253.3	18.15	14.16	355.5	53.8	221.0	130.6	130.6	178.3	.606
266.1	18.00	14.15	356.8	54.6	218.2	126.6	126.6	177.8	.597
282.1	18.04	14.16	355.3	54.4	218.3	127.2	127.2	177.5	.598
296.6	17.93	14.08	356.1	55.3	218.3	124.2	124.2	179.5	.597
304.0	18.29	14.03	357.9	56.2	229.0	127.5	127.5	190.3	.627
321.0	18.16	14.01	358.7	56.0	226.8	126.8	126.8	188.0	.620
336.7	18.44	14.02	360.4	58.0	233.6	123.9	123.9	198.1	.639
350.0	18.53	14.04	363.6	57.3	235.7	127.4	127.4	198.3	.642

TABLE V. - Continued.

(c) Continued.

(c-25) Station 2; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.99	13.61	355.2	53.7	233.6	138.3	138.3	188.3	.644
21.6	18.07	13.69	356.4	54.3	233.5	136.3	136.4	189.5	.642
34.2	18.23	13.65	358.2	56.0	239.0	133.5	133.5	198.2	.657
50.4	18.21	13.64	358.9	56.1	239.2	133.5	133.6	198.4	.656
64.9	18.36	13.62	360.7	54.7	243.5	140.5	140.6	198.8	.667
78.4	18.22	13.62	357.6	54.5	239.5	139.0	139.0	195.0	.659
93.9	18.33	13.63	358.4	55.0	241.7	138.4	138.5	198.0	.664
108.5	18.38	13.66	358.9	54.3	242.0	141.1	141.1	196.6	.665
133.2	17.96	13.75	351.8	51.3	227.8	142.4	142.5	177.7	.629
149.2	18.12	13.72	354.5	50.8	233.2	147.5	147.5	180.5	.643
164.7	18.18	13.71	354.6	50.5	234.9	149.3	149.3	181.3	.648
178.2	18.09	13.68	355.1	49.9	233.9	150.5	150.5	179.0	.644
190.4	18.09	13.63	353.5	49.6	235.0	152.2	152.3	179.0	.649
209.6	17.93	13.59	352.1	49.8	232.2	149.9	150.0	177.3	.642
222.2	17.96	13.62	351.8	50.8	231.8	146.5	146.5	179.6	.641
238.4	18.16	13.67	354.7	50.1	235.8	151.2	151.3	180.9	.650
252.9	18.25	13.70	353.9	50.3	236.4	151.1	151.2	181.8	.653
266.4	17.98	13.73	353.4	50.3	229.4	146.5	146.5	176.5	.633
281.9	18.09	13.72	355.0	50.0	232.8	149.7	149.8	178.2	.641
296.5	17.97	13.65	355.9	50.1	232.4	149.1	149.1	178.2	.639
305.2	18.09	13.62	356.1	52.7	236.0	143.0	143.0	187.7	.650
321.2	17.99	13.62	356.2	52.8	233.9	141.4	141.5	186.3	.643
336.7	17.94	13.56	357.6	52.6	234.9	142.6	142.6	186.7	.645
350.2	18.09	13.58	358.0	53.6	237.9	141.0	141.1	191.6	.653

(c-26) Station 2; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.7	17.95	13.35	354.9	54.7	240.4	138.7	138.9	196.2	.664
21.8	18.12	13.36	357.3	55.3	244.7	139.4	139.5	201.0	.674
34.1	18.29	13.31	359.1	54.9	250.1	143.9	144.1	204.5	.689
50.0	18.26	13.28	359.9	55.3	250.6	142.8	142.9	205.9	.690
65.5	18.34	13.27	358.4	54.2	252.3	147.4	147.6	204.6	.696
77.7	18.23	13.26	357.3	54.7	249.7	144.4	144.6	203.6	.690
93.6	18.25	13.30	358.0	55.8	249.1	139.8	140.0	206.1	.687
108.5	18.47	13.35	358.9	55.0	252.8	145.1	145.2	206.9	.697
132.7	18.17	13.36	354.0	51.3	241.5	152.8	153.0	190.8	.678
148.8	18.36	13.38	356.5	51.2	248.8	155.9	156.0	193.8	.688
164.5	18.27	13.39	356.8	51.1	246.8	154.7	154.9	192.1	.681
177.8	18.34	13.35	357.3	50.6	249.4	158.4	158.5	192.5	.689
190.7	18.23	13.30	355.8	50.3	248.1	158.4	158.6	190.8	.686
209.8	18.08	13.29	353.5	50.9	244.5	154.2	154.3	189.7	.678
222.1	18.06	13.36	353.9	51.1	242.1	152.1	152.3	188.3	.670
238.0	18.20	13.40	356.5	50.1	244.7	157.0	157.2	187.8	.676
253.5	18.03	13.43	354.5	50.9	241.0	152.0	152.1	186.9	.666
265.7	18.08	13.40	355.3	51.4	241.8	150.9	151.1	188.8	.668
281.6	18.16	13.40	354.2	50.2	243.2	155.6	155.8	186.7	.673
296.5	18.08	13.36	355.4	50.2	243.1	155.6	155.8	186.6	.672
304.7	18.25	13.33	358.4	53.9	248.7	146.4	146.6	200.9	.685
320.8	18.04	13.33	356.4	53.2	243.6	145.7	145.9	195.1	.672
336.5	18.18	13.27	359.1	52.8	249.2	150.5	150.7	198.4	.686
349.8	18.04	13.29	360.1	52.7	246.0	149.2	149.3	195.5	.676

TABLE V. - Continued.

(c) Continued.

(c-27) Station 2; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.50	13.18	352.8	56.5	234.8	129.7	129.9	195.6	.650
21.3	17.53	13.19	353.4	56.1	235.5	131.2	131.4	195.4	.651
33.6	17.77	13.15	355.9	56.5	242.8	134.0	134.2	202.4	.670
49.9	17.69	13.07	356.9	57.3	243.8	131.6	131.9	205.0	.672
65.2	17.73	13.05	355.4	56.7	244.6	134.1	134.3	204.4	.676
77.9	17.68	13.05	355.4	57.2	243.7	131.9	132.1	204.8	.674
93.5	17.68	13.09	357.6	58.5	243.2	127.1	127.3	207.2	.670
108.9	17.86	13.13	358.5	58.0	246.2	130.3	130.5	208.8	.678
132.5	17.70	13.16	353.5	55.3	240.1	136.6	136.8	197.4	.665
148.4	17.82	13.18	355.0	54.6	242.6	140.5	140.8	197.6	.671
165.2	17.80	13.17	357.4	54.7	243.4	140.6	140.9	198.5	.671
177.4	17.86	13.14	357.2	54.5	245.7	142.7	143.0	199.8	.678
190.4	17.78	13.08	356.0	54.5	245.0	142.2	142.5	199.4	.677
209.3	17.75	13.08	354.0	54.3	243.8	142.3	142.6	197.8	.675
221.6	17.59	13.13	353.4	54.9	238.6	137.0	137.3	195.1	.660
237.9	17.55	13.16	354.0	55.2	237.2	135.3	135.6	194.6	.655
253.2	17.62	13.18	355.3	54.8	238.4	137.2	137.5	194.8	.658
265.9	17.68	13.20	354.4	54.8	238.7	137.5	137.7	194.9	.659
281.5	17.72	13.23	355.6	53.6	239.2	141.7	142.0	192.5	.660
296.9	17.71	13.19	355.4	54.1	240.1	140.7	141.0	194.3	.663
304.5	17.63	13.17	355.7	56.9	239.0	130.5	130.8	200.0	.659
320.4	17.54	13.16	355.1	55.9	237.3	133.1	133.4	196.3	.655
337.2	17.67	13.13	355.8	55.7	241.2	135.9	136.2	199.1	.666
349.4	17.60	13.14	356.0	55.8	239.4	134.5	134.8	197.9	.660

(c-28) Station 2; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	17.42	13.06	346.5	50.5	234.8	149.2	149.6	180.9	.656
22.0	17.51	13.03	347.8	50.3	237.6	151.7	152.2	182.5	.663
31.7	17.61	13.04	349.2	50.8	240.2	151.5	152.0	185.9	.669
49.8	17.60	12.98	347.9	51.2	241.3	151.0	151.5	187.9	.674
65.4	17.66	12.97	349.6	50.3	243.5	155.3	155.8	187.1	.679
77.8	17.56	12.99	348.7	52.0	240.6	148.1	148.6	189.3	.671
93.6	17.59	13.01	348.5	51.7	240.5	148.8	149.2	188.6	.671
108.9	17.72	13.00	350.1	52.3	244.0	149.1	149.6	192.7	.680
133.0	17.63	13.02	346.5	50.7	240.2	152.0	152.4	185.6	.672
149.0	17.71	13.01	349.0	50.3	243.2	155.3	155.7	186.8	.679
165.3	17.77	13.04	347.9	50.2	243.1	155.2	155.7	186.6	.680
177.9	17.84	13.02	348.9	50.8	245.5	154.9	155.4	190.0	.686
190.6	17.75	13.00	348.6	51.0	244.2	153.5	154.0	189.4	.682
210.0	17.62	13.00	346.9	50.3	240.7	153.5	154.0	185.0	.673
219.7	17.58	13.02	346.9	50.4	239.4	152.5	153.0	184.1	.669
237.8	17.61	13.06	349.3	50.8	239.8	151.2	151.7	185.7	.668
253.4	17.61	13.06	347.6	50.5	239.1	152.1	152.5	184.2	.668
265.8	17.62	13.05	346.4	50.2	239.1	152.7	153.2	183.5	.669
281.6	17.54	13.04	347.4	50.5	238.1	151.4	151.9	183.4	.665
296.9	17.55	13.03	347.6	50.8	238.6	150.7	151.2	184.5	.666
305.0	17.58	13.03	349.0	50.7	239.7	151.5	152.0	185.3	.668
321.0	17.53	13.01	348.6	49.3	239.2	155.7	156.2	181.1	.667
337.3	17.49	12.98	348.4	50.4	239.2	152.2	152.7	184.1	.667
349.9	17.57	13.01	348.5	50.8	240.8	151.5	152.0	185.8	.670

TABLE V. - Continued.

(c) Continued.

(c-29) Station 2; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.4	17.18	12.83	343.4	49.2	235.0	153.3	154.0	177.5	.660
21.8	17.22	12.85	344.6	49.5	235.9	152.9	153.6	179.0	.661
34.3	17.23	12.82	344.5	49.2	236.7	154.4	155.1	178.8	.664
49.9	17.25	12.80	345.0	49.6	238.0	153.9	154.7	181.0	.667
65.0	17.22	12.78	344.4	49.9	237.6	152.7	153.4	181.4	.666
77.7	17.26	12.79	343.5	50.3	237.9	151.7	152.4	182.6	.668
93.8	17.12	12.83	344.9	50.6	234.1	148.2	148.9	180.6	.655
108.8	17.27	12.83	346.9	50.1	238.3	152.5	153.2	182.4	.666
132.7	17.18	12.84	343.2	48.4	234.7	155.4	156.2	175.3	.659
149.0	17.25	12.86	343.7	47.0	235.7	160.4	161.1	172.0	.661
165.4	17.30	12.85	343.6	48.6	237.2	156.5	157.3	177.5	.666
178.0	17.35	12.83	344.5	48.8	239.0	157.1	157.8	179.5	.671
190.4	17.40	12.79	343.1	48.4	240.8	159.6	160.4	179.6	.678
209.8	17.32	12.78	343.1	48.5	239.5	158.4	159.2	178.9	.674
222.3	17.32	12.81	343.0	48.5	238.5	157.8	158.5	178.2	.671
237.9	17.18	12.86	344.4	48.6	234.3	154.7	155.4	175.4	.657
253.0	17.29	12.86	344.2	48.5	236.7	156.5	157.3	176.9	.664
265.7	17.31	12.86	343.4	48.1	236.9	157.8	158.6	176.0	.665
281.8	17.23	12.88	343.0	47.9	234.5	157.0	157.7	173.5	.658
296.8	17.19	12.87	343.4	48.3	234.0	155.3	156.0	174.3	.657
304.7	17.20	12.86	344.5	48.8	234.8	154.4	155.1	176.3	.658
321.0	17.18	12.86	344.5	48.7	234.5	154.5	155.2	175.8	.657
337.4	17.22	12.83	344.5	49.0	236.2	154.6	155.4	177.9	.662
350.0	17.21	12.81	344.7	48.7	236.6	156.0	156.7	177.3	.663

(c-30) Station 2; radial position 8

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.5	16.85	13.49	339.8	56.8	204.9	112.2	112.3	171.4	.572
17.0	16.86	13.48	340.4	56.7	205.5	112.7	112.8	171.8	.574
34.4	16.84	13.50	339.7	56.8	204.4	111.9	112.1	170.9	.571
49.9	16.82	13.52	340.4	56.5	203.5	112.2	112.3	169.7	.568
64.9	16.76	13.52	339.2	57.1	201.5	109.3	109.4	169.1	.563
77.6	16.79	13.52	340.3	57.9	202.6	107.6	107.7	171.6	.565
94.0	16.75	13.55	340.0	58.4	200.1	105.0	105.1	170.3	.558
108.9	16.70	13.59	340.3	58.8	197.9	102.5	102.6	169.3	.551
133.3	16.78	13.58	339.4	56.2	199.9	111.3	111.4	166.0	.558
149.5	16.87	13.59	340.4	56.0	202.2	113.2	113.3	167.5	.564
165.2	16.88	13.58	340.6	56.1	203.2	113.3	113.4	168.6	.567
178.0	16.94	13.56	340.0	55.8	205.3	115.4	115.5	169.7	.573
190.5	16.96	13.52	340.0	55.7	207.0	116.7	116.8	170.9	.579
205.0	16.98	13.50	339.4	56.1	208.0	116.0	116.2	172.6	.582
222.4	16.87	13.50	339.7	55.9	205.0	114.9	115.0	169.7	.573
237.9	16.92	13.49	339.7	55.8	206.8	116.1	116.3	171.1	.578
252.9	16.87	13.50	338.4	55.7	204.8	115.4	115.5	169.1	.573
265.6	16.84	13.52	339.2	55.8	203.6	114.3	114.4	168.4	.569
282.0	16.78	13.52	339.1	55.5	202.0	114.3	114.4	166.4	.564
296.9	16.82	13.50	338.9	55.6	203.7	114.9	115.0	168.1	.570
305.3	16.83	13.50	341.2	57.2	204.4	110.8	110.9	171.7	.570
321.5	16.83	13.50	339.7	57.2	204.0	110.6	110.7	171.3	.570
337.2	16.89	13.49	340.4	57.0	206.2	112.3	112.4	172.9	.576
350.0	16.77	13.49	339.8	56.7	202.7	111.2	111.3	169.5	.566

TABLE V. - Continued.

(c) Continued.

(c-31) Station 2; radial position 9

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	16.73	12.92	340.7	51.9	220.9	136.4	136.4	173.7	.619
21.8	16.73	12.91	340.8	51.9	221.1	136.4	136.5	174.0	.620
34.3	16.69	12.90	340.5	51.6	220.3	136.9	137.0	172.5	.618
49.8	16.72	12.90	340.4	51.4	221.1	138.0	138.0	172.7	.620
65.4	16.69	12.90	340.0	51.5	220.0	137.0	137.1	172.0	.617
78.1	16.71	12.93	339.9	51.7	219.6	136.0	136.0	172.4	.616
94.0	16.65	12.91	340.6	52.0	219.1	135.0	135.0	172.6	.614
108.9	16.72	12.92	339.9	52.4	220.1	134.4	134.5	174.3	.618
133.5	16.72	12.93	340.0	52.1	220.0	135.0	135.1	173.7	.618
149.1	16.74	12.94	339.7	51.9	220.2	135.7	135.8	173.4	.619
160.8	16.75	12.93	339.3	51.5	220.4	137.3	137.4	172.4	.620
177.7	16.87	12.93	340.2	51.3	223.6	139.7	139.7	174.5	.628
190.6	16.86	12.89	339.9	51.4	224.4	140.1	140.1	175.3	.631
209.8	16.82	12.90	340.0	51.7	223.5	138.4	138.5	175.4	.628
222.3	16.71	12.91	339.2	51.6	220.2	136.7	136.8	172.5	.619
237.8	16.75	12.93	340.0	51.2	220.8	138.5	138.5	172.0	.620
253.4	16.77	12.94	340.5	51.6	221.1	137.3	137.4	173.2	.620
266.1	16.77	12.93	340.3	51.5	221.0	137.7	137.7	172.8	.620
282.0	16.79	12.93	339.4	51.4	221.3	138.0	138.0	173.0	.622
296.9	16.78	12.90	339.6	51.8	222.0	137.2	137.3	174.4	.624
305.5	16.72	12.89	341.2	51.6	221.7	137.8	137.9	173.6	.621
321.1	16.74	12.89	340.3	51.9	221.8	136.8	136.8	174.6	.623
332.8	16.73	12.89	340.3	51.6	221.5	137.4	137.5	173.6	.622
349.7	16.65	12.90	340.0	51.4	219.1	136.6	136.7	171.3	.615

(c-32) Station 2; radial position 10

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.6	16.76	11.78	338.3	45.0	255.1	180.3	180.5	180.3	.728
22.0	16.77	11.75	339.3	45.0	256.7	181.4	181.6	181.5	.732
34.1	16.78	11.73	339.4	44.8	257.6	182.6	182.8	181.5	.734
50.4	16.79	11.70	339.6	45.8	258.6	180.2	180.4	185.3	.737
65.0	16.73	11.69	339.6	45.7	257.6	179.9	180.1	184.1	.734
78.1	16.66	11.73	339.1	45.3	255.0	179.4	179.5	181.1	.726
93.5	16.71	11.74	338.7	44.3	255.5	182.6	182.8	178.5	.729
108.9	16.75	11.74	338.8	45.5	256.4	179.5	179.7	182.8	.731
132.8	16.75	11.75	338.7	42.4	256.1	188.9	189.1	172.7	.730
149.0	16.76	11.74	338.3	43.9	256.6	184.8	185.0	177.8	.732
164.9	16.80	11.75	339.0	44.0	257.2	185.0	185.1	178.6	.734
178.0	16.81	11.73	337.9	42.3	257.6	190.4	190.5	173.4	.736
190.6	16.83	11.70	338.5	42.7	259.0	190.3	190.5	175.4	.740
210.0	16.76	11.75	339.4	43.6	256.5	185.7	185.9	176.8	.731
222.1	16.69	11.81	337.5	42.0	252.6	187.6	187.8	168.9	.721
238.4	16.76	11.82	338.9	43.3	254.2	185.0	185.2	174.1	.724
253.0	16.73	11.82	338.9	42.8	253.7	186.1	186.3	172.3	.723
266.1	16.74	11.83	338.8	42.4	253.6	187.3	187.5	170.7	.722
281.5	16.79	11.82	337.8	43.1	254.5	185.7	185.9	173.9	.727
296.9	16.77	11.78	338.1	42.4	255.2	188.3	188.5	172.1	.728
304.8	16.77	11.76	339.0	45.5	256.1	179.6	179.7	182.5	.730
321.0	16.83	11.75	339.5	45.3	257.9	181.3	181.5	183.2	.735
336.9	16.82	11.77	339.5	44.9	257.1	182.1	182.3	181.3	.733
350.0	16.80	11.78	339.0	45.2	256.5	180.6	180.8	182.0	.731

TABLE V. - Continued.

(c) Continued.

(c-33) Station 2; radial position 11

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
2.3	16.65	11.07	343.9	47.6	275.6	184.8	186.7	202.7	.786
21.8	16.73	11.08	344.1	48.1	277.2	184.2	186.1	205.5	.791
34.3	16.75	10.96	343.3	47.6	280.5	188.2	190.2	206.2	.802
50.5	16.75	10.82	343.1	48.1	284.3	188.9	190.8	210.8	.815
65.4	16.76	10.83	342.3	48.6	284.0	187.0	188.9	212.1	.815
78.0	16.79	10.84	342.8	48.0	284.4	189.6	191.5	210.3	.816
93.5	16.83	10.84	341.7	48.0	284.7	189.6	191.6	210.6	.818
108.8	16.83	10.87	343.6	47.9	284.6	189.8	191.7	210.3	.815
133.1	16.50	10.92	340.7	45.7	276.0	191.7	193.6	196.7	.791
147.9	16.28	10.95	339.7	47.1	270.5	183.4	185.2	197.1	.775
164.7	16.25	10.97	341.1	45.3	269.7	188.9	190.8	190.7	.771
177.6	16.26	10.97	340.1	46.2	269.5	185.7	187.5	193.6	.771
190.3	16.22	10.96	340.0	45.2	268.9	188.6	190.5	189.8	.769
209.8	16.22	11.01	340.1	45.3	267.7	187.5	189.4	189.2	.766
222.3	16.18	11.09	340.1	45.3	264.3	185.1	187.0	186.9	.755
238.5	16.12	11.14	339.8	46.6	261.5	178.8	180.6	189.1	.746
253.4	16.14	11.15	341.3	45.8	262.3	182.0	183.9	187.1	.747
266.0	16.21	11.15	341.8	45.2	263.8	185.0	186.9	186.2	.751
281.5	16.20	11.15	341.6	45.5	263.5	183.7	185.6	187.1	.750
296.8	16.31	11.12	339.5	44.9	266.0	187.3	189.3	186.9	.761
305.1	16.68	11.10	343.9	47.6	275.6	185.0	186.9	202.5	.786
319.9	16.69	11.07	345.3	48.1	277.2	184.3	186.2	205.4	.789
336.7	16.67	11.06	344.1	48.2	276.5	183.5	185.4	205.1	.788
349.6	16.68	11.08	344.4	47.5	276.3	185.7	187.6	202.8	.787

(c-34) Station 3; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.9	17.83	14.43	363.4	.9	206.8	206.1	206.8	3.2	.558
23.9	17.88	14.43	365.3	.6	209.0	208.3	209.0	2.1	.563
36.5	17.94	14.40	364.2	.7	211.0	210.3	211.0	2.4	.569
49.3	17.93	14.38	365.2	.5	211.9	211.1	211.9	1.9	.571
68.5	17.78	14.38	364.9	.3	207.8	207.1	207.8	.9	.559
81.1	17.75	14.37	366.8	-.7	207.8	207.1	207.8	-2.7	.558
96.3	17.82	14.39	364.8	.3	208.4	207.6	208.4	1.1	.561
111.9	17.70	14.40	364.9	-.1	204.7	204.0	204.7	-.4	.551
117.7	17.72	14.38	363.5	-.1	205.7	205.0	205.7	-.4	.555
139.9	17.86	14.35	363.4	-.1	210.4	209.7	210.4	-.5	.568
155.2	17.79	14.32	362.6	-.3	209.2	208.5	209.2	-1.1	.565
171.4	17.65	14.32	361.6	-.8	205.3	204.6	205.3	-2.9	.555
187.9	17.66	14.34	361.3	-.5	204.6	203.9	204.6	-1.9	.553
203.9	17.61	14.35	360.0	-.4	203.0	202.3	203.0	-1.4	.550
216.5	17.53	14.42	358.3	-.4	197.6	196.9	197.6	-1.4	.535
229.3	17.46	14.45	356.5	-.5	194.1	193.4	194.1	-1.8	.527
248.5	17.51	14.45	356.1	-.8	195.4	194.7	195.4	-2.8	.531
261.1	17.65	14.46	357.7	-.5	199.7	199.0	199.7	-1.6	.542
276.3	17.64	14.44	358.5	-.3	200.1	199.4	200.1	-1.1	.543
291.9	17.61	14.42	358.8	-.3	200.0	199.3	200.0	-.9	.542
297.7	17.52	14.44	358.8	-.2	197.1	196.4	197.1	-.5	.534
319.9	17.61	14.46	360.5	-.3	199.3	198.6	199.3	-1.0	.539
335.2	17.40	14.45	360.2	-.6	193.5	192.8	193.5	-2.1	.522
351.4	17.92	14.43	362.3	1.0	209.0	208.3	209.0	3.7	.565

TABLE V. - Continued.

(c) Continued.

(c-35) Station 3; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
7.4	17.81	14.43	358.9	-1.4	205.3	204.5	205.2	-5.1	.557
23.1	17.81	14.44	358.5	-1.3	204.6	203.8	204.5	-4.8	.555
36.4	17.89	14.39	361.4	-.8	209.2	208.4	209.1	-2.8	.566
49.0	17.81	14.36	362.4	-.4	208.5	207.8	208.5	-1.6	.564
68.3	17.78	14.38	362.9	-.3	207.0	206.2	207.0	-.9	.559
81.0	17.77	14.40	361.7	-.5	205.8	205.0	205.8	-1.8	.556
96.2	17.83	14.41	362.8	-1.1	207.5	206.7	207.5	-3.9	.560
111.7	17.75	14.39	361.7	-.8	205.8	205.0	205.8	-2.8	.556
124.5	17.84	14.37	361.5	-1.5	208.7	207.9	208.6	-5.3	.565
140.5	17.84	14.36	360.2	-1.6	208.5	207.6	208.4	-5.6	.565
155.0	17.76	14.36	357.9	-1.4	205.8	205.0	205.7	-5.1	.559
170.4	17.77	14.36	357.7	-.7	206.0	205.2	206.0	-2.5	.560
187.4	17.77	14.36	357.7	-.6	205.9	205.2	205.9	-2.1	.560
203.1	17.76	14.36	357.2	-.5	205.6	204.8	205.6	-1.8	.559
216.4	17.62	14.39	354.3	-.6	200.1	199.4	200.1	-2.0	.546
229.0	17.56	14.42	353.2	-.7	197.1	196.4	197.1	-2.4	.538
248.3	17.58	14.42	352.5	-.7	197.4	196.7	197.4	-2.3	.540
261.0	17.71	14.40	353.8	-.6	202.0	201.3	202.0	-2.1	.552
276.2	17.70	14.38	354.4	-.7	202.6	201.9	202.6	-2.6	.553
291.7	17.72	14.39	355.3	-.8	203.1	202.3	203.0	-2.7	.554
304.5	17.71	14.42	355.6	-.6	201.8	201.1	201.8	-2.2	.550
320.5	17.61	14.42	355.3	-.5	198.7	198.0	198.7	-1.7	.541
335.0	17.55	14.43	356.3	-.1	197.2	196.5	197.2	-.4	.536
350.4	17.70	14.44	358.6	-1.0	201.7	200.9	201.6	-3.7	.547

(c-36) Station 3; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	HERID VEL	TAN VEL	ABS MACH NO
7.6	17.48	14.37	355.1	-1.2	197.2	196.4	197.2	-4.3	.537
23.1	17.48	14.35	354.9	-1.7	197.6	196.8	197.6	-5.8	.538
36.6	17.65	14.35	357.0	-1.7	203.0	202.1	202.9	-6.0	.552
48.8	17.63	14.35	356.4	-1.4	202.3	201.5	202.3	-4.8	.551
68.0	17.63	14.38	357.8	-1.3	201.8	201.0	201.7	-4.4	.548
80.6	17.64	14.39	357.1	-1.5	201.3	200.4	201.2	-5.4	.547
96.8	17.80	14.39	358.7	-1.2	206.1	205.3	206.1	-4.3	.560
111.3	17.71	14.40	357.2	-1.2	203.1	202.3	203.0	-4.1	.552
124.8	17.92	14.39	357.7	-1.3	208.7	207.9	208.7	-4.9	.568
140.3	17.86	14.39	357.6	-1.4	207.4	206.5	207.3	-5.0	.564
154.9	17.85	14.38	356.3	-1.6	206.9	206.0	206.8	-5.8	.564
171.6	17.76	14.38	352.6	-.4	203.6	202.8	203.6	-1.5	.557
187.6	17.75	14.39	353.6	-.4	203.3	202.5	203.3	-1.3	.556
203.1	17.87	14.39	353.7	-.5	206.5	205.7	206.5	-1.9	.565
216.6	17.80	14.39	352.8	-.5	204.2	203.4	204.2	-1.9	.559
228.8	17.71	14.40	351.4	-.7	201.4	200.6	201.4	-2.3	.552
248.0	17.62	14.34	351.0	-.6	200.7	200.0	200.7	-2.0	.550
260.6	17.57	14.33	351.1	-.7	200.0	199.2	200.0	-2.4	.548
276.8	17.67	14.34	352.8	-.7	202.7	201.9	202.6	-2.4	.555
291.3	17.66	14.35	352.9	-.7	202.0	201.2	201.9	-2.6	.552
304.8	17.63	14.35	352.7	-.9	200.9	200.1	200.9	-3.0	.550
320.3	17.56	14.36	352.4	-.9	198.6	197.9	198.6	-2.9	.543
334.9	17.46	14.37	352.5	-.8	196.0	195.2	196.0	-2.7	.536
351.6	17.46	14.36	355.0	-1.5	196.7	195.9	196.6	-5.0	.535

TABLE V. - Continued.

(c) Continued.

(c-37) Station 3; radial position 4

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.2	17.17	14.29	349.4	-1.0	189.6	188.8	189.6	-3.3	.520
22.9	17.17	14.30	348.8	-.7	188.8	188.1	188.8	-2.4	.518
36.2	17.29	14.29	351.4	-1.2	193.7	192.9	193.6	-4.0	.530
49.1	17.25	14.28	350.9	-1.2	192.6	191.8	192.6	-4.1	.527
68.2	17.30	14.31	352.2	-1.0	193.1	192.3	193.1	-3.5	.528
80.5	17.28	14.31	351.4	-.7	192.3	191.5	192.3	-2.4	.526
96.4	17.44	14.31	352.5	-.6	197.4	196.6	197.4	-2.1	.540
111.9	17.36	14.32	352.3	-.8	194.4	193.6	194.4	-2.8	.531
124.1	17.45	14.32	353.1	-.8	197.4	196.6	197.4	-2.9	.539
140.0	17.56	14.32	354.0	-.7	200.9	200.1	200.9	-2.4	.548
154.9	17.55	14.31	353.3	-.5	200.5	199.7	200.5	-1.8	.548
171.1	17.44	14.28	347.9	-.9	197.0	196.1	196.9	-3.2	.542
187.2	17.49	14.30	349.2	-.8	198.2	197.3	198.1	-2.7	.545
202.9	17.55	14.32	349.9	-.8	199.4	198.6	199.4	-2.9	.548
216.2	17.52	14.32	349.1	-.8	198.2	197.4	198.2	-2.7	.545
229.1	17.38	14.31	348.3	-.7	194.3	193.5	194.2	-2.2	.534
248.2	17.29	14.27	347.6	-.9	192.9	192.1	192.9	-2.8	.531
260.5	17.36	14.25	349.0	-.9	195.9	195.1	195.9	-3.0	.538
276.4	17.35	14.26	348.6	-.9	195.4	194.6	195.4	-3.0	.537
291.9	17.37	14.28	348.1	-.9	195.1	194.3	195.1	-3.0	.536
304.1	17.35	14.28	348.7	-.7	194.7	193.9	194.7	-2.4	.535
320.0	17.31	14.28	347.5	-.6	193.4	192.6	193.4	-2.2	.532
334.9	17.17	14.29	347.3	-1.1	188.8	188.0	188.8	-3.7	.519
351.1	17.12	14.28	349.6	-1.4	188.4	187.6	188.3	-4.4	.516

(c-38) Station 3; radial position 5

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
6.8	16.95	14.26	346.6	-1.9	183.2	182.3	183.1	-6.0	.503
23.6	16.92	14.26	345.6	-1.7	181.8	180.9	181.7	-5.4	.500
35.8	17.07	14.26	347.8	-1.9	187.1	186.2	187.0	-6.0	.513
48.8	17.03	14.26	346.8	-1.9	185.5	184.6	185.4	-6.3	.510
67.7	17.02	14.26	347.8	-1.8	185.6	184.8	185.5	-5.8	.509
80.0	17.04	14.26	347.3	-1.5	186.3	185.4	186.2	-4.9	.511
96.3	17.21	14.26	349.6	-1.8	191.8	190.9	191.7	-5.9	.526
111.6	17.16	14.26	348.8	-1.4	189.8	189.0	189.8	-4.7	.521
124.3	17.28	14.27	350.6	-1.6	193.8	192.9	193.7	-5.5	.531
139.9	17.33	14.26	350.0	-1.3	194.9	194.1	194.9	-4.3	.534
155.3	17.34	14.26	349.7	-1.3	195.6	194.8	195.6	-4.3	.537
170.9	17.14	14.26	345.1	-2.1	188.4	187.5	188.2	-6.9	.519
186.8	17.23	14.27	346.1	-2.1	190.8	189.9	190.7	-6.8	.526
203.6	17.30	14.29	347.1	-2.2	192.8	191.8	192.6	-7.2	.530
215.8	17.26	14.29	346.3	-2.2	191.0	190.1	190.9	-7.2	.526
228.8	17.22	14.30	345.3	-2.0	189.6	188.7	189.5	-6.7	.523
247.7	17.12	14.23	344.9	-2.0	188.7	187.8	188.6	-6.7	.521
260.0	17.15	14.21	345.6	-2.1	190.9	189.9	190.7	-6.9	.526
276.3	17.21	14.21	346.3	-1.9	192.5	191.6	192.4	-6.2	.530
291.6	17.18	14.20	345.4	-2.2	191.7	190.7	191.5	-7.5	.529
304.3	17.14	14.23	345.4	-2.1	189.6	188.6	189.4	-6.8	.523
319.9	17.13	14.24	344.6	-1.9	188.7	187.8	188.6	-6.2	.521
335.3	17.06	14.24	344.3	-1.8	186.4	185.5	186.3	-6.0	.514
350.9	16.93	14.26	347.0	-1.8	182.6	181.8	182.5	-5.9	.501

TABLE V. - Continued.

(c) Continued.

(c-39) Station 3; radial position 6

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	16.81	14.24	344.0	-1.5	179.1	178.2	179.0	-4.6	.493
23.7	16.74	14.23	343.2	-1.6	176.8	175.9	176.7	-4.9	.487
36.3	16.87	14.23	344.4	-1.6	181.2	180.3	181.1	-5.1	.499
49.0	16.84	14.22	344.1	-1.9	180.5	179.6	180.4	-6.1	.497
68.4	16.86	14.23	344.8	-2.0	181.0	180.1	180.9	-6.2	.498
78.1	16.87	14.23	344.8	-1.7	181.2	180.3	181.1	-5.4	.499
96.2	17.00	14.24	345.7	-1.8	185.1	184.2	185.0	-5.8	.509
111.8	16.92	14.26	345.7	-1.9	182.1	181.2	182.0	-5.9	.501
124.2	17.01	14.26	347.3	-2.0	185.4	184.5	185.3	-6.5	.509
140.0	17.15	14.24	348.6	-1.9	190.3	189.4	190.2	-6.2	.522
155.3	17.06	14.23	345.5	-1.6	187.4	186.5	187.3	-5.3	.516
171.4	16.93	14.24	342.3	-1.7	182.2	181.4	182.1	-5.4	.504
187.4	17.01	14.26	343.5	-1.9	184.3	183.4	184.2	-6.0	.509
203.7	17.08	14.26	343.8	-2.0	186.2	185.3	186.1	-6.3	.514
216.3	17.07	14.27	343.6	-2.0	185.7	184.8	185.6	-6.5	.513
229.0	17.00	14.27	342.8	-1.9	183.0	182.1	182.9	-6.1	.506
248.4	16.93	14.21	342.3	-1.7	183.4	182.5	183.3	-5.5	.507
258.1	16.98	14.19	343.5	-1.7	185.7	184.8	185.6	-5.6	.513
276.2	17.01	14.21	342.7	-1.8	185.8	184.9	185.7	-5.8	.514
291.8	17.00	14.22	342.5	-1.8	184.9	184.0	184.8	-5.8	.511
304.2	16.97	14.22	342.6	-1.6	184.1	183.2	184.0	-5.1	.509
320.0	16.96	14.23	342.0	-1.6	183.3	182.5	183.3	-5.2	.507
335.3	16.91	14.23	341.7	-1.5	181.7	180.9	181.7	-4.6	.503
351.4	16.81	14.23	344.2	-1.5	179.1	178.3	179.1	-4.7	.493

(c-40) Station 3; radial position 7

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
7.4	16.29	14.20	339.1	1.2	162.0	161.2	162.0	3.4	.448
23.8	16.32	14.21	339.1	1.2	162.4	161.6	162.4	3.4	.449
36.4	16.33	14.21	339.8	1.4	163.2	162.4	163.1	3.9	.451
48.8	16.34	14.20	339.9	1.0	163.8	163.0	163.8	2.8	.452
68.2	16.40	14.20	340.3	.7	166.0	165.2	166.0	2.1	.458
80.7	16.40	14.19	340.4	.6	166.3	165.5	166.3	1.8	.459
96.3	16.46	14.19	341.1	.9	168.5	167.7	168.5	2.7	.465
111.4	16.45	14.20	341.0	1.1	167.9	167.1	167.9	3.2	.463
124.1	16.46	14.20	342.6	.8	168.6	167.8	168.6	2.4	.464
140.2	16.58	14.21	342.7	.6	172.3	171.5	172.3	1.8	.475
155.2	16.53	14.21	340.6	.6	170.4	169.6	170.4	1.8	.471
171.1	16.40	14.19	338.3	.9	166.1	165.2	166.0	2.5	.460
187.4	16.45	14.19	339.1	.6	167.7	166.8	167.6	1.7	.464
203.8	16.52	14.21	339.0	.8	169.3	168.4	169.2	2.3	.469
216.4	16.55	14.21	339.5	.6	170.2	169.4	170.2	1.8	.471
228.8	16.56	14.22	339.0	.8	170.3	169.4	170.2	2.3	.471
248.2	16.46	14.16	338.7	.8	169.3	168.5	169.3	2.4	.469
260.7	16.49	14.14	339.5	.7	171.2	170.3	171.2	1.9	.474
276.3	16.51	14.15	339.2	.7	171.4	170.6	171.4	2.1	.475
291.4	16.50	14.16	339.2	.8	170.6	169.8	170.6	2.3	.472
304.1	16.50	14.16	339.0	1.0	170.6	169.8	170.6	2.9	.473
320.2	16.48	14.18	338.9	1.0	169.0	168.2	169.0	2.9	.468
335.2	16.43	14.19	338.2	.8	166.9	166.1	166.9	2.5	.462
351.1	16.32	14.19	339.3	1.2	163.3	162.5	163.3	3.3	.451

TABLE V. - Concluded.

(c) Concluded.

(c-41) Station 6; radial position 1

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
.2	16.35	13.42	334.1	15.0	192.0	183.8	185.6	49.1	.539
12.8	16.32	13.47	334.2	15.0	189.4	181.4	183.1	48.4	.531
25.6	16.37	13.44	334.3	15.0	191.6	183.5	185.2	49.0	.538
44.8	16.34	13.46	334.4	15.0	190.4	182.3	184.1	48.7	.534
57.4	16.36	13.40	334.5	15.0	192.9	184.7	186.5	49.4	.541
72.6	16.37	13.39	334.7	15.0	193.6	185.4	187.2	49.5	.543
88.2	16.36	13.45	334.7	15.0	191.2	183.0	184.8	48.9	.536
94.0	16.36	13.39	334.8	15.0	193.5	185.3	187.0	49.5	.543
116.2	16.49	13.51	335.0	15.0	193.0	184.7	186.5	49.4	.541
131.5	16.52	13.35	335.1	15.0	199.3	190.8	192.7	51.0	.560
327.7	16.39	13.45	333.9	15.0	191.9	183.8	185.5	49.1	.539
344.2	16.38	13.44	334.0	15.0	191.9	183.8	185.6	49.1	.539

(c-42) Station 6; radial position 2

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
57.6	16.18	13.05	332.5	11.8	199.6	193.9	195.5	40.6	.563
74.1	16.18	13.04	332.5	11.8	199.8	194.1	195.6	40.7	.564
90.1	16.17	13.05	332.5	11.8	199.3	193.6	195.1	40.6	.562
102.7	16.14	13.04	332.5	11.8	198.6	192.9	194.5	40.4	.560
115.5	16.18	13.10	332.4	11.8	197.7	192.0	193.5	40.2	.557
134.7	16.15	13.02	332.5	11.8	199.6	193.9	195.4	40.6	.563
147.3	16.12	13.04	332.4	11.8	198.3	192.6	194.1	40.4	.559
162.5	16.21	13.03	332.6	11.8	201.1	195.4	196.9	40.9	.568
178.1	16.24	13.00	332.9	11.8	203.1	197.3	198.8	41.3	.573
183.9	16.24	13.02	333.0	11.8	202.5	196.7	198.2	41.2	.571
206.1	16.30	13.03	333.7	11.8	203.9	198.0	199.6	41.5	.575
221.4	16.22	13.01	333.2	11.8	202.1	196.4	197.9	41.1	.570

(c-43) Station 6; radial position 3

THETA	TOTAL PRESS	STATIC PRESS	TOTAL TEMP	ABS BETAZ	ABS VEL	AXIAL VEL	MERID VEL	TAN VEL	ABS MACH NO
13.1	15.62	12.68	336.0	6.7	197.4	194.6	196.1	22.8	.554
28.4	15.54	12.68	335.8	6.7	195.2	192.4	193.8	22.6	.547
224.6	15.63	12.78	335.9	6.7	194.1	191.4	192.8	22.4	.544
241.1	15.66	12.75	335.4	6.7	195.9	193.1	194.6	22.7	.550
257.1	15.61	12.75	334.2	6.7	194.3	191.5	193.0	22.4	.546
269.7	15.59	12.75	334.5	6.7	193.7	190.9	192.4	22.3	.544
282.5	15.58	12.69	337.1	6.7	196.1	193.3	194.8	22.6	.549
301.7	15.72	12.78	335.6	6.7	196.5	193.7	195.2	22.7	.551
314.3	15.61	12.68	336.2	6.7	197.5	194.7	196.2	22.8	.554
329.5	15.62	12.68	336.4	6.7	197.5	194.7	196.2	22.8	.553
345.1	15.63	12.67	336.2	6.7	198.1	195.3	196.8	22.9	.555
350.9	15.60	12.66	336.2	6.7	197.6	194.8	196.3	22.8	.554

TABLE VI. - STATIC PRESSURES IN S-DUCT

WITH BELLMOUTH INLET

(a) Reading 1065-1203; speed, 97.2 percent of design; total weight flow, 32.68 kilograms per second; bypass ratio, 2.43

Plane location	Circumferential location, deg							
	0	45	90	135	180	225	270	315
1	8.73	----	8.73	----	8.61	----	8.75	----
2	8.88	----	8.92	----	8.75	----	8.92	----
3	9.01	----	----	----	8.58	----	----	----
4	9.15	----	8.86	----	8.43	----	8.88	----
5	9.29	----	----	----	8.21	----	----	----
6	9.30	----	8.79	----	8.26	----	8.82	----
7	9.10	----	8.69	----	8.13	----	8.67	----
8	8.50	----	----	----	8.41	----	----	----
9	8.18	----	8.48	----	8.69	----	8.45	----
10	8.12	----	8.53	----	8.84	----	8.54	----
11	8.10	----	----	----	9.12	----	----	----
12	8.10	----	8.81	----	9.16	----	8.82	----
13	8.12	8.43	8.85	9.07	9.16	9.05	8.83	8.44
14	8.10	----	----	----	----	----	----	----
15	8.31	----	----	----	8.89	----	----	----

(b) Reading 785-916; speed, 97.0 percent of design; total weight flow, 33.79 kilograms per second; bypass ratio, 2.56

1	8.58	----	8.62	----	8.49	----	8.65	----
2	8.78	----	8.81	----	8.65	----	8.83	----
3	8.91	----	----	----	8.39	----	----	----
4	9.07	----	8.76	----	8.30	----	8.78	----
5	9.21	----	----	----	8.07	----	----	----
6	9.23	----	8.68	----	8.12	----	8.73	----
7	9.60	----	8.57	----	7.95	----	8.54	----
8	8.38	----	----	----	8.27	----	----	----
9	8.04	----	8.36	----	8.58	----	8.32	----
10	7.98	----	8.40	----	8.73	----	8.42	----
11	7.96	----	----	----	8.93	----	----	----
12	7.94	----	8.69	----	9.11	----	8.71	----
13	7.99	8.29	8.75	8.96	9.13	8.96	8.72	8.30
14	7.91	----	----	----	----	----	----	----
15	8.16	----	----	----	8.50	----	----	----

(c) Reading 1258-1389; speed, 96.6 percent of design; total weight flow, 34.61 kilograms per second; bypass ratio, 2.53

1	8.48	----	8.53	----	8.39	----	8.40	----
2	8.71	----	8.76	----	8.57	----	8.77	----
3	8.82	----	----	----	8.30	----	----	----
4	8.98	----	8.70	----	8.20	----	8.72	----
5	9.18	----	----	----	7.94	----	----	----
6	9.19	----	8.61	----	8.00	----	8.64	----
7	8.95	----	8.47	----	7.80	----	8.45	----
8	8.25	----	----	----	8.16	----	----	----
9	7.89	----	8.25	----	8.48	----	8.20	----
10	7.81	----	8.29	----	8.64	----	8.30	----
11	7.74	----	----	----	8.86	----	----	----
12	7.80	----	8.62	----	9.01	----	8.64	----
13	7.85	8.19	8.67	8.88	9.06	8.91	8.61	8.20
14	7.81	----	----	----	----	----	----	----
15	8.03	----	----	----	8.72	----	----	----

TABLE VI, - Continued.

(d) Reading 445-576; speed, 90.3 percent of design; total weight flow, 33.97 kilograms per second; bypass ratio, 2.42

Plane location	Circumferential location, deg							
	0	45	90	135	180	225	270	315
1	8.57	----	8.60	----	8.47	----	8.53	----
2	8.76	----	8.80	----	8.62	----	8.81	----
3	8.29	----	----	----	8.37	----	----	----
4	9.06	----	8.75	----	8.27	----	8.76	----
5	9.20	----	----	----	8.08	----	----	----
6	9.21	----	8.66	----	8.09	----	8.70	----
7	8.98	----	8.55	----	7.92	----	8.52	----
8	8.32	----	----	----	8.24	----	----	----
9	7.99	----	8.32	----	8.55	----	8.29	----
10	7.93	----	8.38	----	8.70	----	8.37	----
11	7.90	----	----	----	8.92	----	----	----
12	7.97	----	8.68	----	9.10	----	8.69	----
13	7.96	8.29	8.73	8.97	9.09	8.97	8.71	8.28
14	7.91	----	----	----	----	----	----	----
15	8.14	----	----	----	8.79	----	----	----

(e) Reading 712-976; speed, 90 percent of design; total weight flow, 32.21 kilograms per second; bypass ratio, 2.30

1	8.81	----	8.82	----	8.72	----	8.86	----
2	8.96	----	8.99	----	8.83	----	9.00	----
3	9.08	----	----	----	8.63	----	----	----
4	9.21	----	8.95	----	8.54	----	8.97	----
5	9.34	----	----	----	8.35	----	----	----
6	9.35	----	8.88	----	8.39	----	8.92	----
7	9.17	----	8.80	----	8.27	----	8.77	----
8	8.64	----	----	----	8.54	----	----	----
9	8.34	----	8.62	----	8.80	----	8.58	----
10	8.27	----	8.64	----	8.98	----	8.67	----
11	8.22	----	----	----	9.10	----	----	----
12	8.25	----	8.89	----	9.24	----	8.91	----
13	8.29	8.56	8.94	9.14	9.25	9.13	8.92	8.56
14	8.25	----	----	----	----	----	----	----
15	8.44	----	----	----	8.98	----	----	----

(f) Reading 979-1253; speed, 89.8 percent of design; total weight flow, 30.40 kilograms per second; bypass ratio, 2.37

1	8.93	----	8.92	----	8.83	----	8.96	----
2	9.06	----	9.08	----	8.95	----	9.09	----
3	9.16	----	----	----	8.74	----	----	----
4	9.29	----	9.04	----	8.67	----	9.07	----
5	9.40	----	----	----	8.48	----	----	----
6	9.42	----	9.00	----	8.53	----	9.02	----
7	9.24	----	8.90	----	8.42	----	8.29	----
8	8.75	----	----	----	8.68	----	----	----
9	8.48	----	8.73	----	8.92	----	8.72	----
10	8.42	----	8.78	----	9.03	----	8.79	----
11	8.36	----	----	----	9.19	----	----	----
12	8.39	----	9.02	----	9.33	----	9.00	----
13	8.42	8.67	9.05	9.20	9.32	9.22	9.01	8.68
14	8.40	----	----	----	----	----	----	----
15	8.58	----	----	----	9.08	----	----	----

TABLE VI - Concluded.

(g) Reading 286-418; speed, 70.1 percent of design; total weight flow, 20.58 kilograms per second; bypass ratio, 2.63

Plane location	Circumferential location, deg							
	0	45	90	135	180	225	270	315
1	9.63	----	9.60	----	9.60	----	9.60	----
2	9.69	----	9.70	----	9.61	----	9.61	----
3	9.73	----	----	----	9.70	----	----	----
4	9.79	----	9.68	----	9.53	----	9.68	----
5	9.84	----	----	----	9.45	----	----	----
6	9.85	----	9.66	----	9.47	----	9.68	----
7	9.78	----	9.64	----	9.43	----	9.63	----
8	9.59	----	----	----	9.54	----	----	----
9	9.47	----	9.58	----	9.64	----	9.56	----
10	9.44	----	9.58	----	9.69	----	9.59	----
11	9.41	----	----	----	9.75	----	----	----
12	9.41	----	9.67	----	9.80	----	9.67	----
13	9.43	9.53	9.68	9.77	9.80	9.76	9.68	9.53
14	9.42	----	----	----	----	----	----	----
15	9.53	----	----	----	9.71	----	----	----

(h) Reading 10-148; speed, 70.2 percent of design; total weight flow, 20.58 kilograms per second; bypass ratio, 2.63

1	9.43	----	9.36	----	9.38	----	9.38	----
2	9.44	----	9.43	----	9.39	----	9.53	----
3	9.55	----	----	----	9.35	----	----	----
4	9.56	----	9.56	----	9.28	----	9.51	----
5	9.71	----	----	----	9.18	----	----	----
6	9.72	----	9.37	----	9.25	----	9.49	----
7	9.62	----	9.43	----	9.25	----	9.42	----
8	9.36	----	----	----	9.19	----	----	----
9	9.20	----	9.34	----	9.42	----	9.41	----
10	9.15	----	9.42	----	9.41	----	9.37	----
11	9.12	----	----	----	9.42	----	----	----
12	9.13	----	9.66	----	9.65	----	9.48	----
13	9.19	9.13	9.49	9.61	9.66	9.60	9.63	9.45
14	9.13	----	----	----	----	----	----	----
15	9.30	----	----	----	9.52	----	----	----

TABLE VII. - STATIC PRESSURES IN S-DUCT

WITH FLIGHT LIP INLET

(a) Reading 1401-1532; speed, 96.7 percent of design; total weight flow, 35.04 kilograms per second; bypass ratio, 2.18

Plane location	Circumferential location, deg							
	0	45	90	135	180	225	270	315
1	8.20	----	8.20	----	8.10	----	8.11	----
2	8.66	----	8.71	----	8.49	----	8.72	----
3	8.81	----	----	----	8.23	----	----	----
4	8.98	----	8.65	----	8.13	----	8.67	----
5	9.15	----	----	----	7.87	----	----	----
6	9.16	----	8.56	----	7.94	----	8.61	----
7	8.90	----	8.42	----	7.75	----	8.41	----
8	8.20	----	----	----	8.09	----	----	----
9	7.80	----	8.16	----	8.42	----	8.13	----
10	7.73	----	8.23	----	8.58	----	8.24	----
11	7.72	----	----	----	8.82	----	----	----
12	7.74	----	8.58	----	9.03	----	8.50	----
13	7.78	8.14	8.63	8.88	9.04	8.85	8.60	8.13
14	7.75	----	----	----	----	----	----	----
15	7.96	----	----	----	8.67	----	----	----

(b) Reading 1535-1667; speed, 96.5 percent of design; total weight flow, 33.75 kilograms per second; bypass ratio, 2.32

1	8.30	----	8.30	----	8.21	----	8.31	----
2	8.72	----	8.76	----	8.56	----	8.78	----
3	8.86	----	----	----	8.34	----	----	----
4	9.02	----	8.72	----	8.25	----	8.72	----
5	9.18	----	----	----	8.01	----	----	----
6	9.20	----	8.64	----	8.07	----	8.67	----
7	8.97	----	8.52	----	7.91	----	8.50	----
8	8.30	----	----	----	8.22	----	----	----
9	7.98	----	8.30	----	8.52	----	8.26	----
10	7.91	----	8.35	----	8.67	----	8.35	----
11	7.87	----	----	----	8.38	----	----	----
12	7.89	----	8.64	----	9.06	----	8.66	----
13	7.94	8.25	8.71	8.92	9.07	8.90	8.67	8.24
14	7.90	----	----	----	----	----	----	----
15	8.10	----	----	----	8.75	----	----	----

(c) Reading 1672-1806; speed, 96.4 percent of design; total weight flow, 32.79 kilograms per second; bypass ratio, 2.32

1	8.37	----	8.27	----	8.28	----	8.38	----
2	8.78	----	8.81	----	8.62	----	8.82	----
3	8.91	----	----	----	8.41	----	----	----
4	9.06	----	8.77	----	8.32	----	8.76	----
5	9.19	----	----	----	8.09	----	----	----
6	9.21	----	8.70	----	8.15	----	8.72	----
7	9.00	----	8.59	----	8.00	----	8.57	----
8	8.42	----	----	----	8.30	----	----	----
9	8.07	----	8.38	----	8.59	----	8.35	----
10	8.00	----	8.42	----	8.73	----	8.44	----
11	7.94	----	----	----	8.92	----	----	----
12	7.99	----	8.69	----	9.09	----	8.72	----
13	8.04	8.32	8.75	8.96	9.10	8.95	8.73	8.33
14	8.00	----	----	----	----	----	----	----
15	8.21	----	----	----	8.80	----	----	----

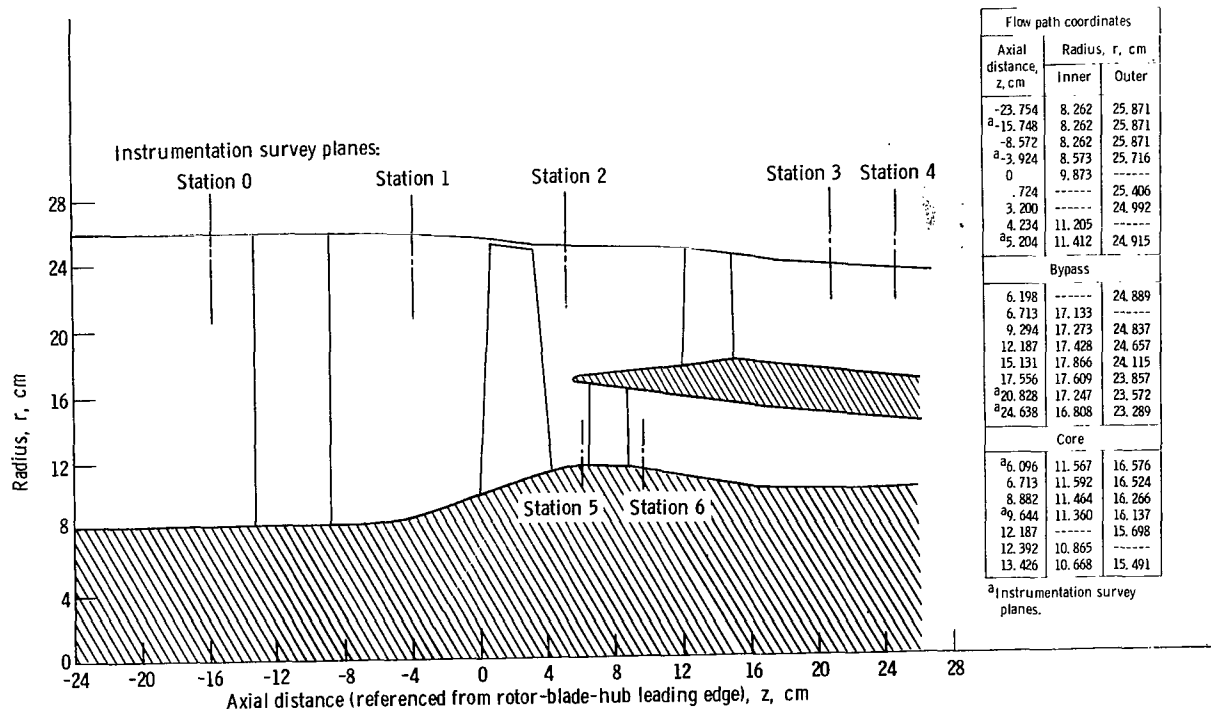


Figure 1. - Flow path for stage 65, showing axial location of instrumentation.

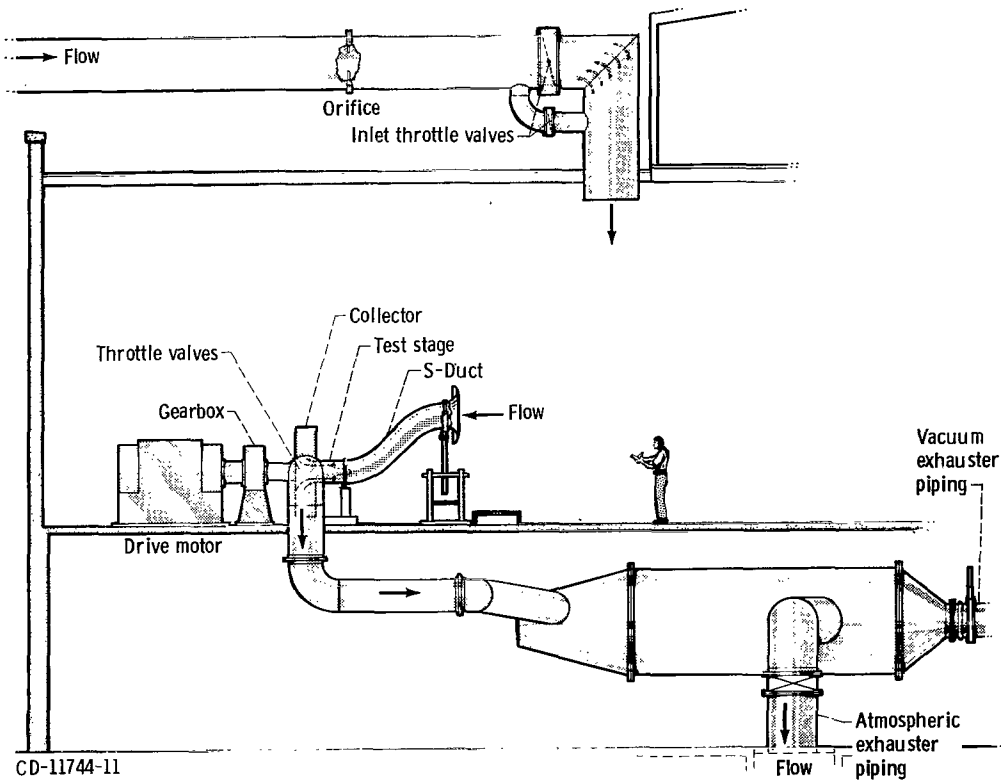
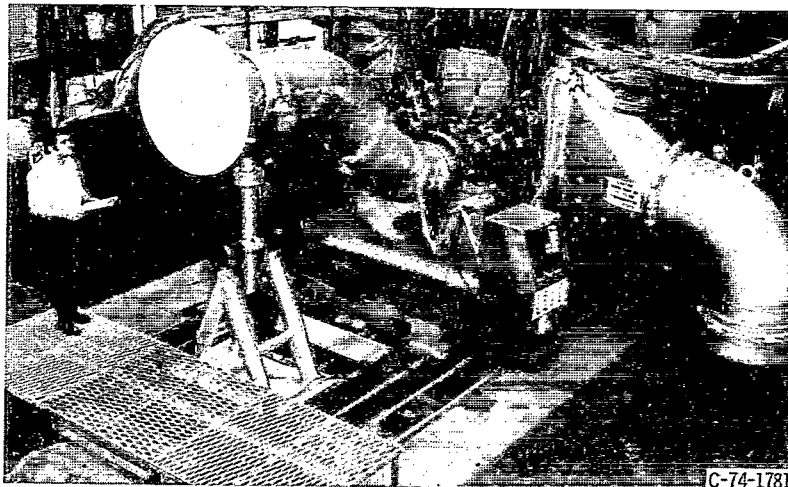
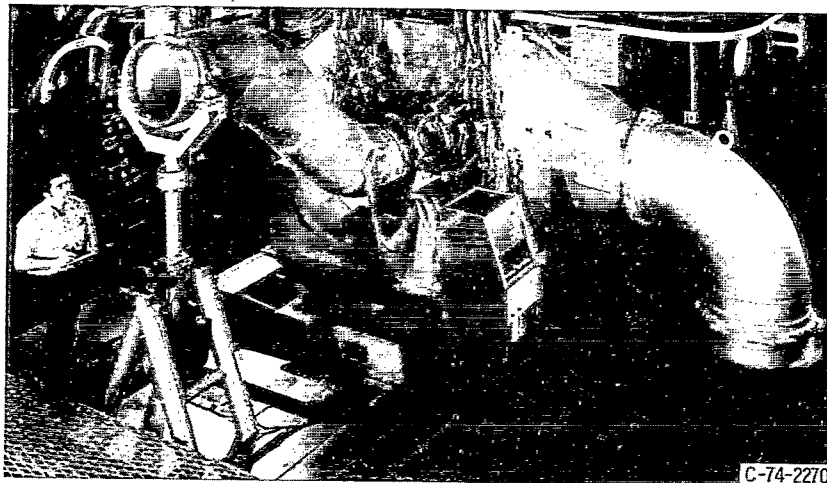


Figure 2. - Test facility with S-duct.



(a) Bellmouth inlet.



(b) Flight lip inlet.

Figure 3. - Photograph of test facility with S-duct.

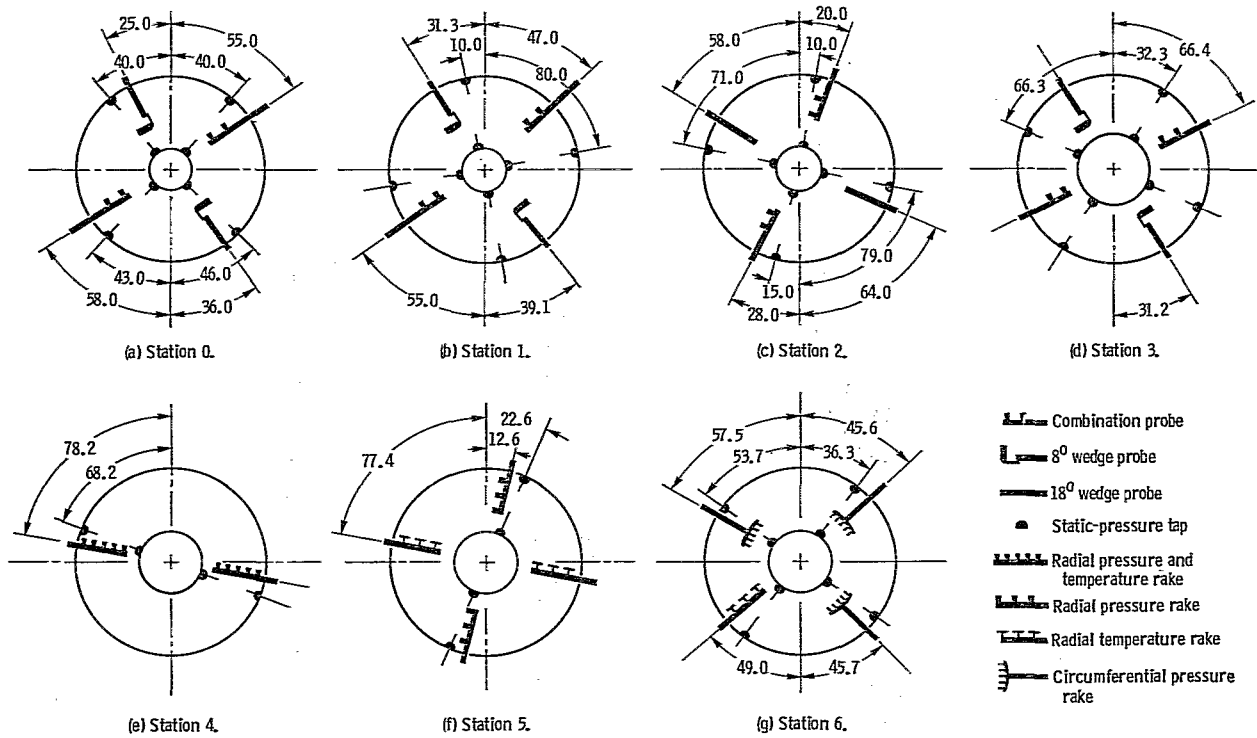


Figure 4. - Circumferential location of instrumentation at measuring stations - facing downstream. (Angles are in degrees.)

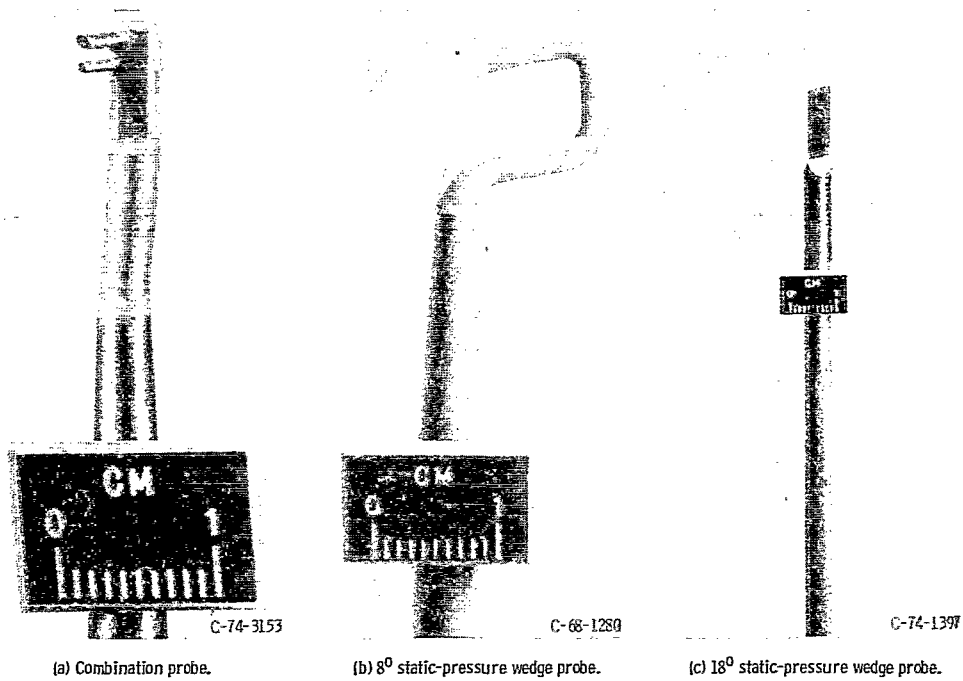


Figure 5. - Measuring instrumentation.



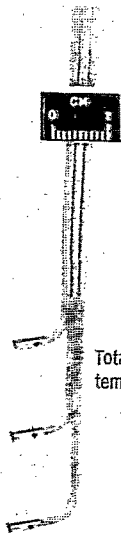
C-74-1398

(d) Station 4 rake.



C-74-1399

(e) Station 5 rakes.



Total
temperature



Total pressure



C-74-1400

(f) Station 6 rakes.

Figure 5. - Concluded.

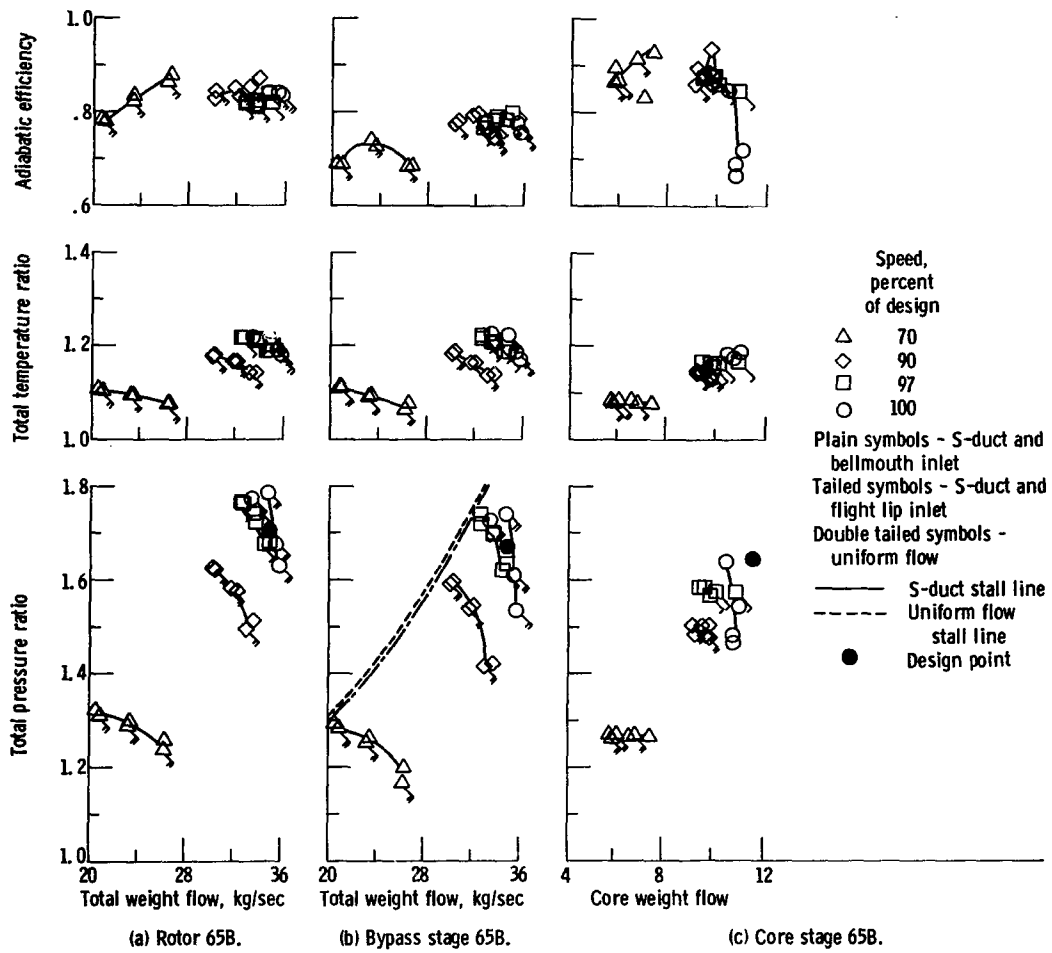


Figure 6. - Effect of S-duct inlet on overall performance.

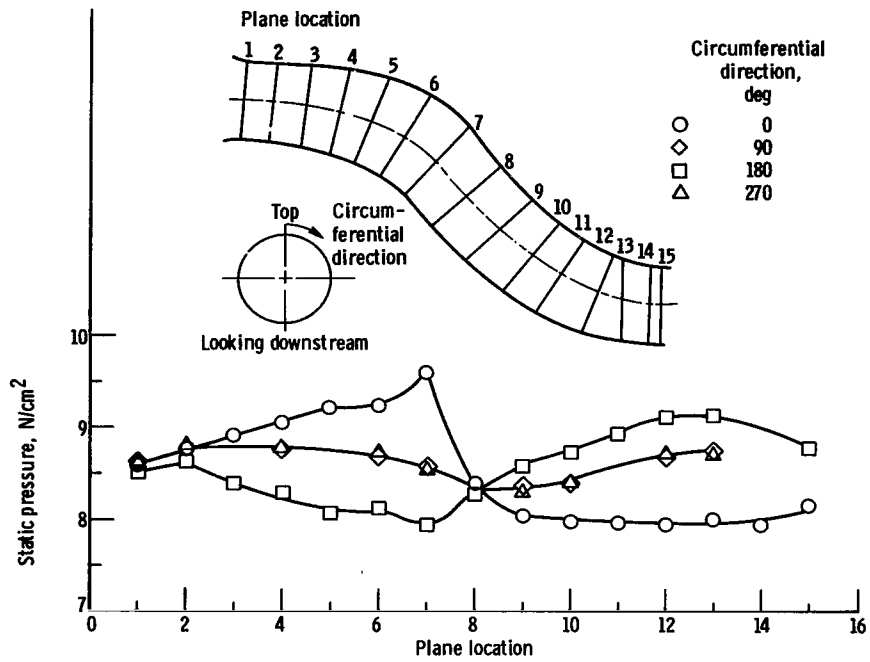
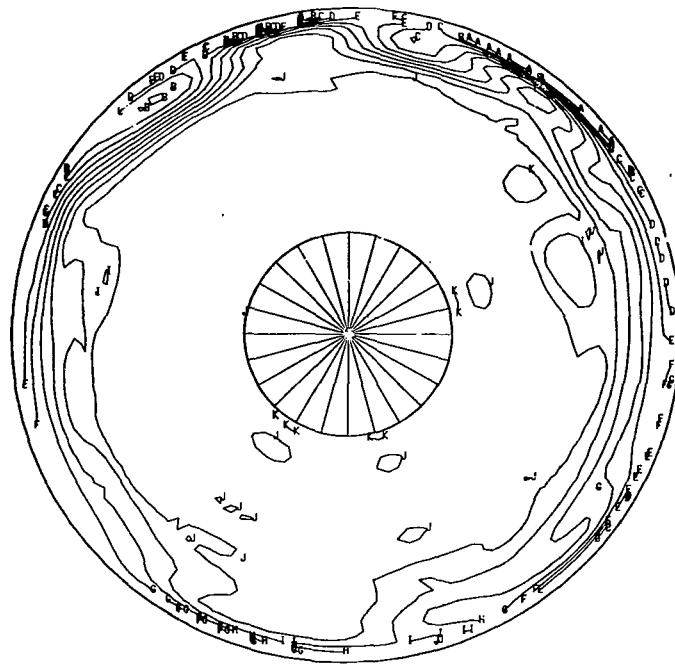


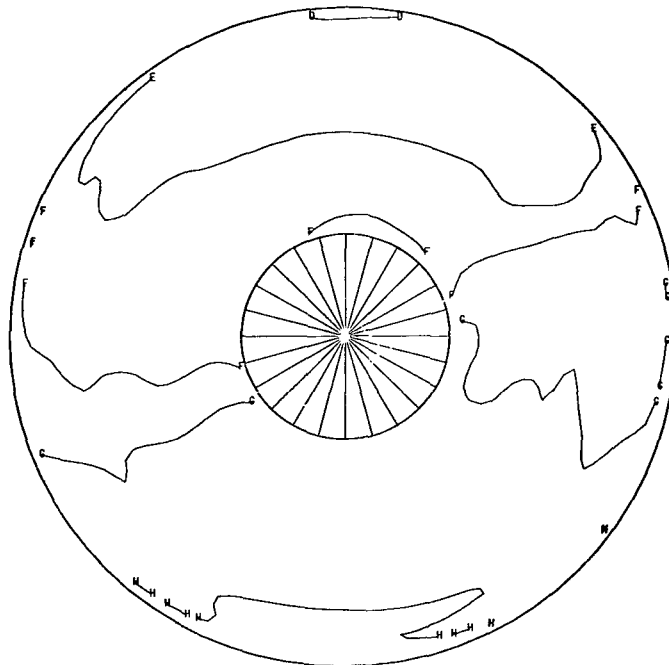
Figure 7. - Static pressure in S-duct and bellmouth inlet weight flow, 33.79 kilograms per second; 97 percent of design speed.

CONTOUR LABEL	CONTOUR VALUE
A	9.200
B	9.400
C	9.500
D	9.600
E	9.700
F	9.800
G	9.900
H	10.000
I	10.100
J	10.200
K	10.300



(a) Total pressure.

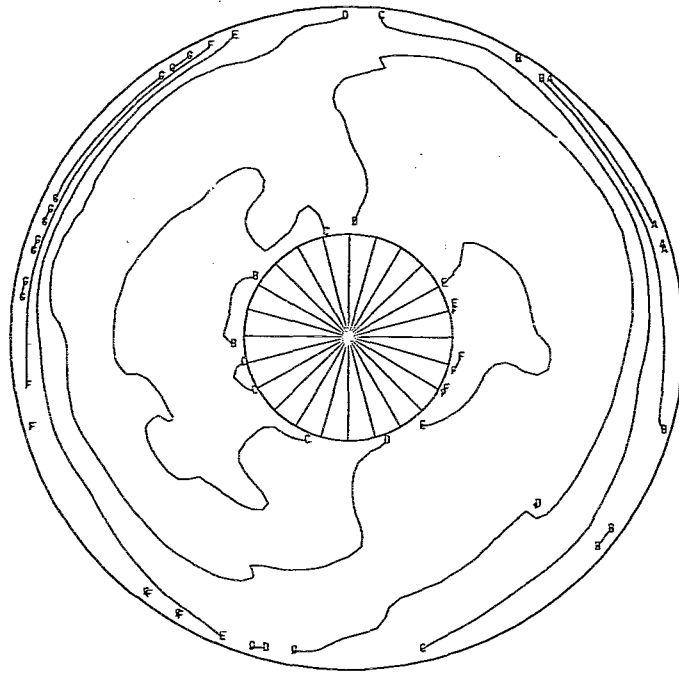
CONTOUR LABEL	CONTOUR VALUE
A	0.000
B	0.100
C	0.200
D	0.300
E	0.400
F	0.500
G	0.600
H	0.700
I	0.800



(b) Static pressure.

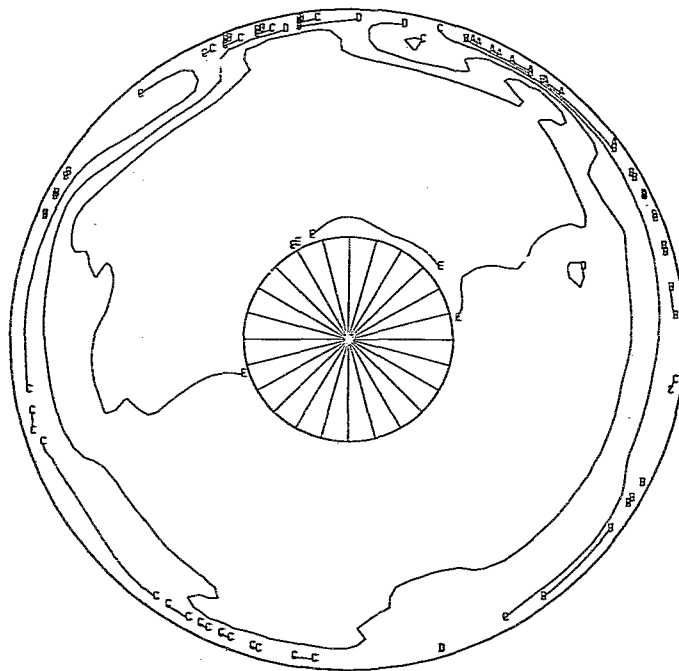
Figure 8. - Profiles at station 0 for S-duct and bellmouth inlet. Reading 785-916; speed, 97 percent of design; weight flow, 33.80 kilograms per second; bypass ratio, 2.58.

CONTOUR LABEL	CONTOUR VALUE
A	-15.000
B	-10.000
C	-5.000
D	0.000
E	5.000
F	10.000
G	15.000



(c) Flow angle.

CONTOUR LABEL	CONTOUR VALUE
A	0.260
B	0.400
C	0.440
D	0.480
E	0.520
F	0.560
G	1.000



(d) Absolute Mach number.

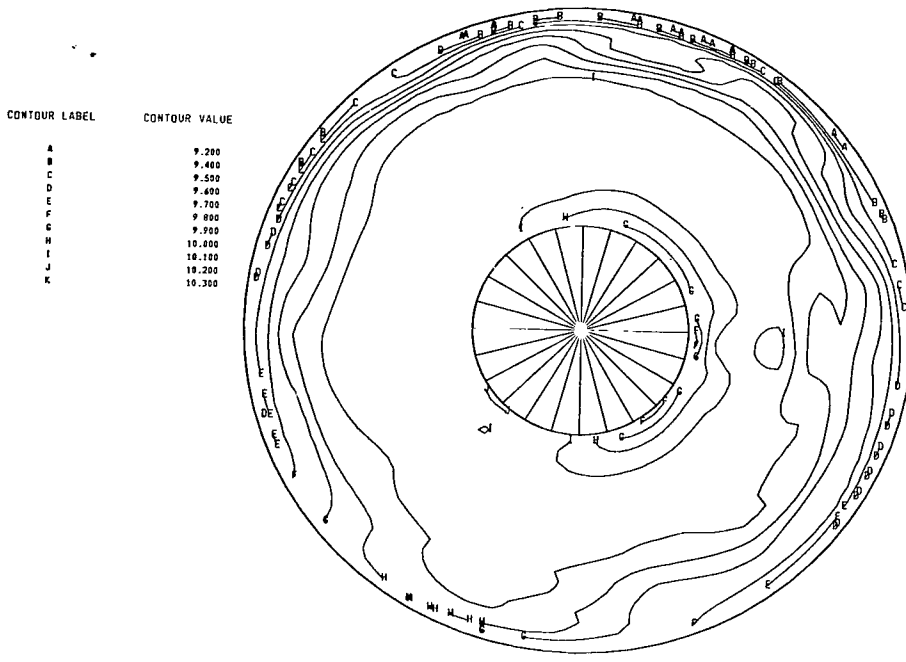
Figure 8. - Continued.

CONTOUR LABEL	CONTOUR VALUE
A	130.000
B	140.000
C	150.000
D	160.000
E	170.000
F	180.000
G	190.000

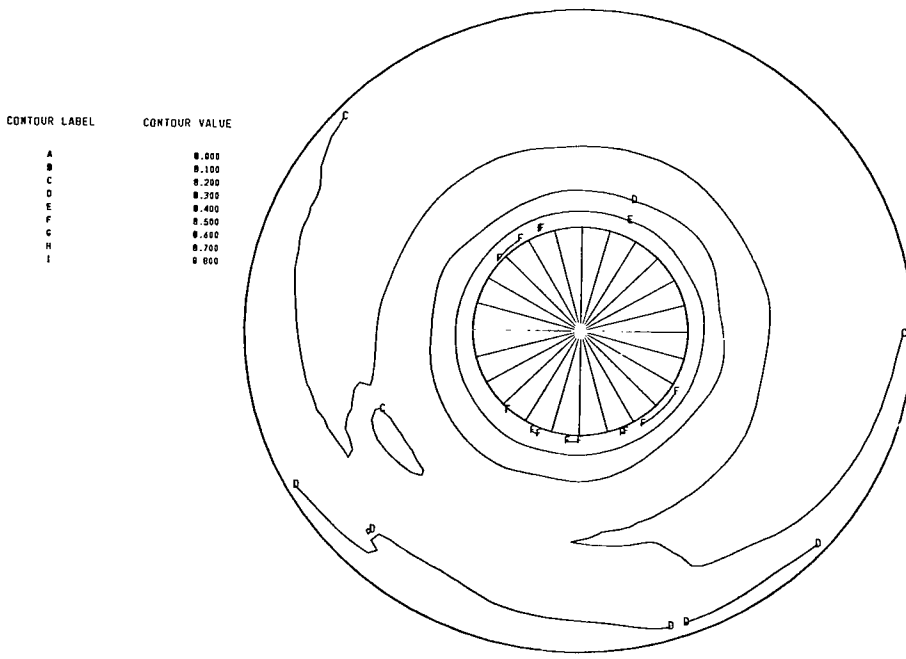


(e) Meridional velocity.

Figure 8. - Concluded.



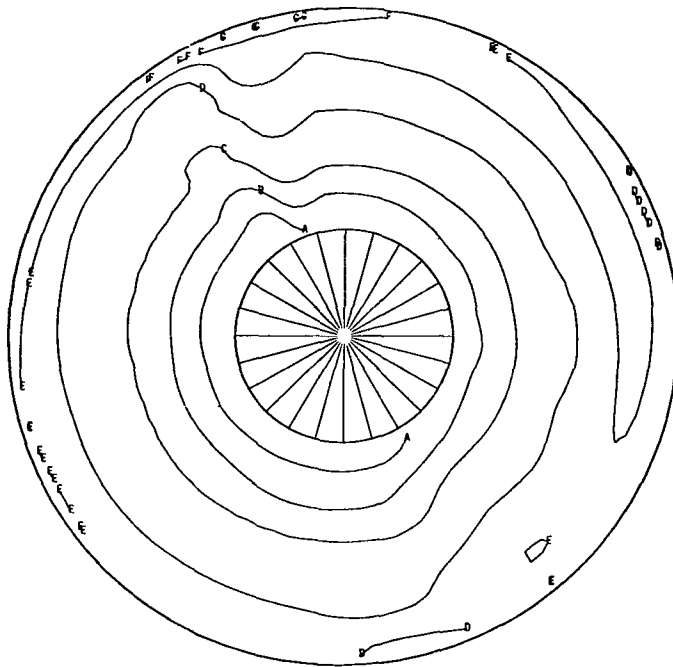
(a) Total pressure.



(b) Static pressure.

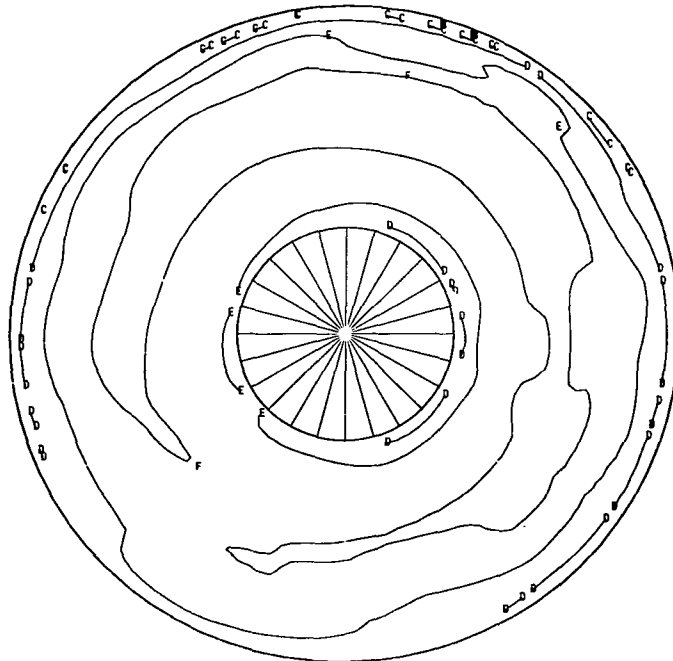
Figure 9. - Profiles at station 1 for S-duct and bellmouth inlet. Reading 785-916; speed, 97 percent of design; weight flow, 33.80 kilograms per second; bypass ratio, 2.58.

CONTOUR LABEL	CONTOUR VALUE
A	-15.000
B	-10.000
C	-5.000
D	0.000
E	5.000
F	10.000
G	15.000



(c) Flow angle.

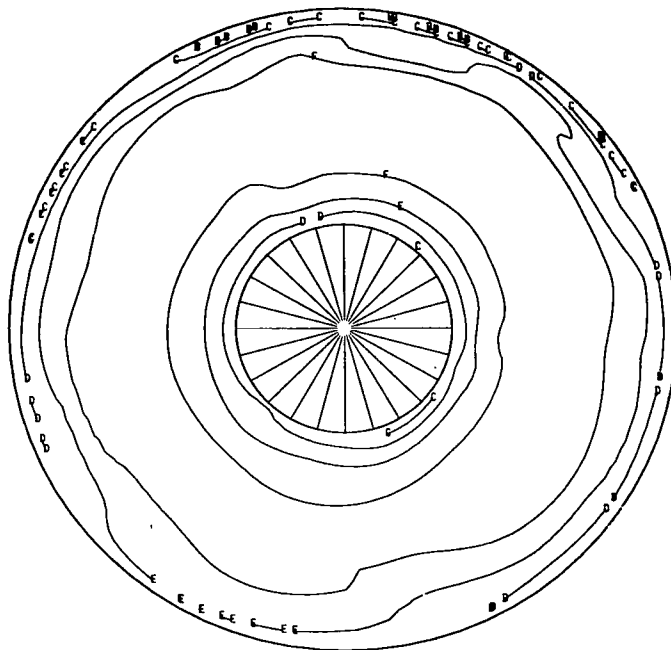
CONTOUR LABEL	CONTOUR VALUE
A	0.360
B	0.400
C	0.440
D	0.480
E	0.520
F	0.560
G	0.600



(d) Absolute Mach number.

Figure 9. - Continued.

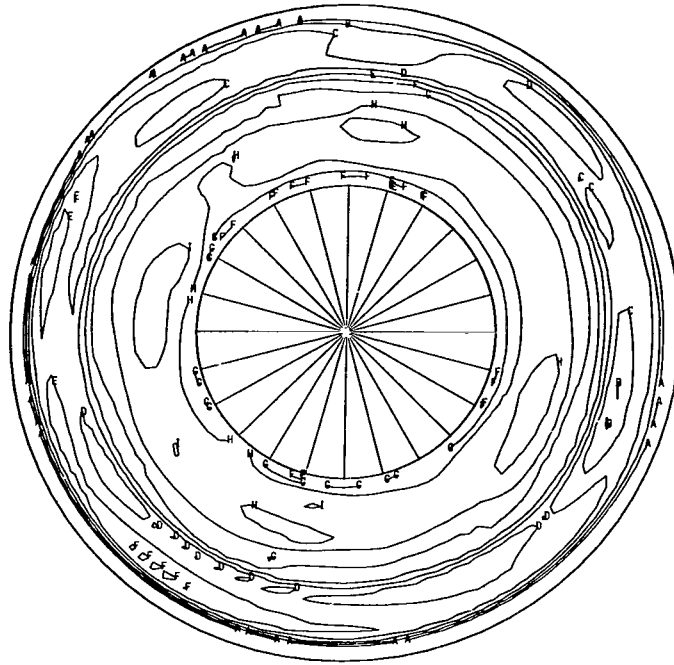
CONTOUR LABEL	CONTOUR VALUE
A	130.000
B	140.000
C	150.000
D	160.000
E	170.000
F	180.000
G	190.000



(e) Meridional velocity.

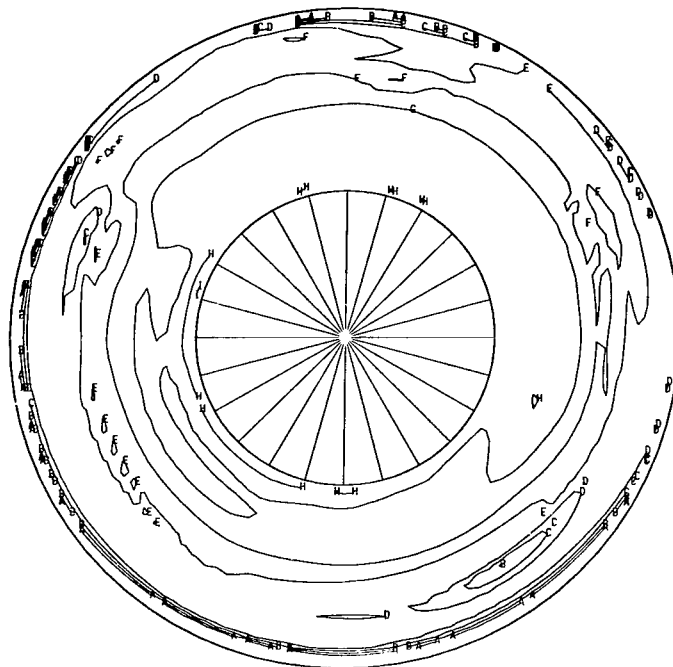
Figure 9. - Concluded.

CONTOUR LABEL	CONTOUR VALUE
A	361.000
B	358.000
C	355.000
D	352.000
E	349.000
F	346.000
G	343.000
H	340.000
I	337.000
J	334.000
K	331.000



(a) Total temperature.

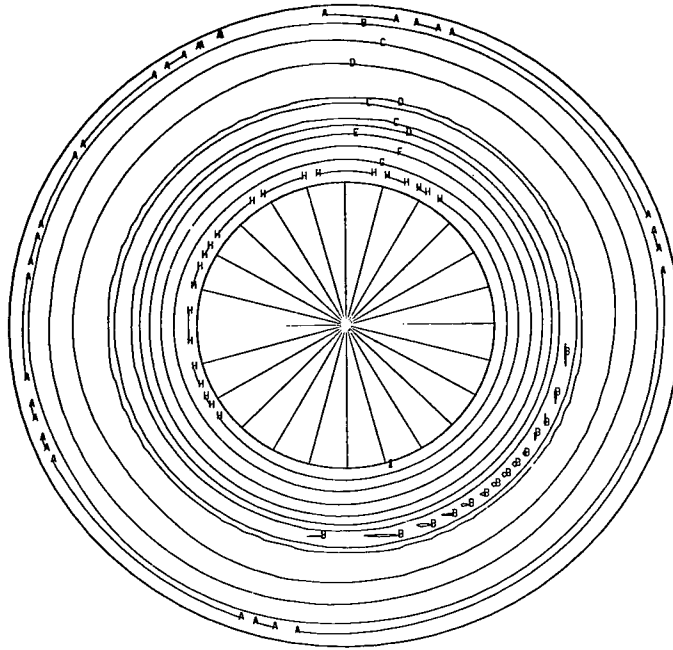
CONTOUR LABEL	CONTOUR VALUE
A	18.600
B	18.400
C	18.200
D	18.000
E	17.800
F	17.600
G	16.800
H	16.400
I	16.000



(b) Total pressure.

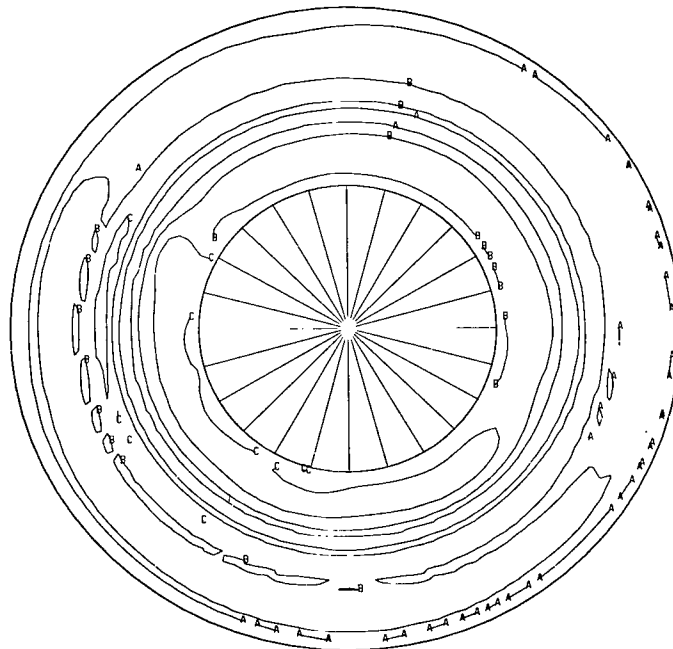
Figure 10. - Profiles at station 2 for S-duct and bellmouth inlet. Reading 785-916; speed, 97 percent of design; weight flow, 33.80 kilograms per second; bypass ratio, 2.58.

CONTOUR LABEL	CONTOUR VALUE
A	14.000
B	13.000
C	12.400
D	12.000
E	12.000
F	12.200
G	11.800
H	11.400
I	11.000



(c) Static pressure.

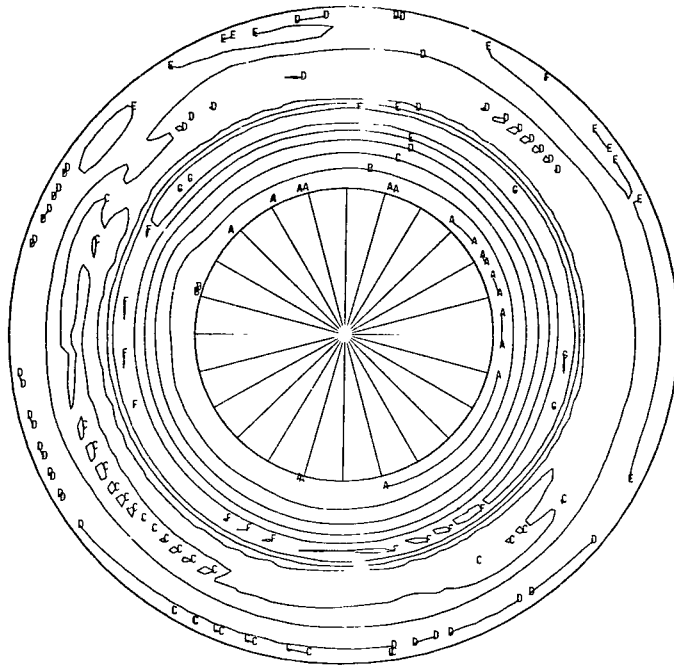
CONTOUR LABEL	CONTOUR VALUE
A	55.000
B	50.000
C	45.000
D	40.000
E	5.000
F	0.000
G	-5.000
H	-10.000
I	-15.000



(d) Flow angle.

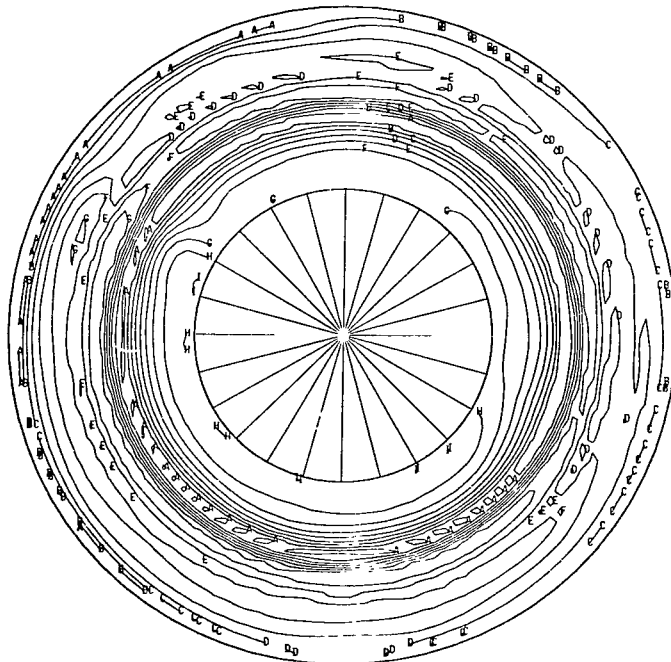
Figure 10. - Continued.

CONTOUR LABEL	CONTOUR VALUE
A	0.760
B	0.720
C	0.680
D	0.640
E	0.600
F	0.560
G	0.520
H	0.480



(e) Absolute Mach number.

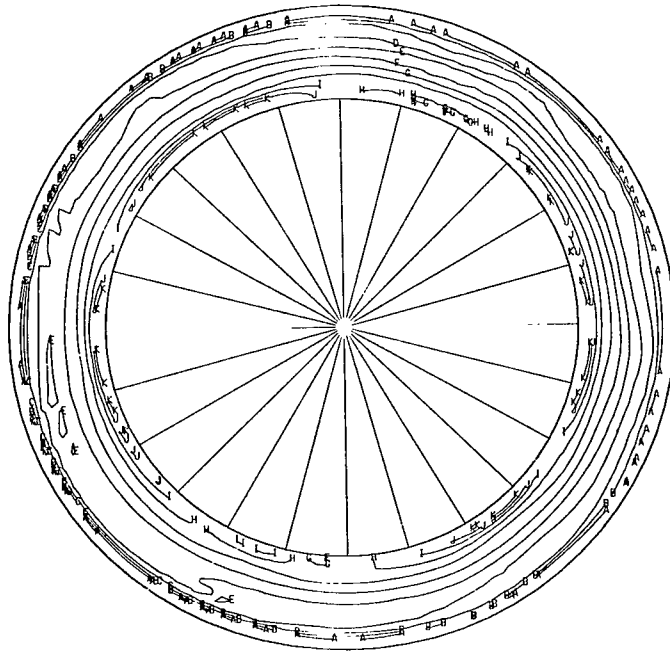
CONTOUR LABEL	CONTOUR VALUE
A	110.000
B	120.000
C	130.000
D	140.000
E	150.000
F	160.000
G	170.000
H	180.000
I	190.000



(f) Meridional velocity.

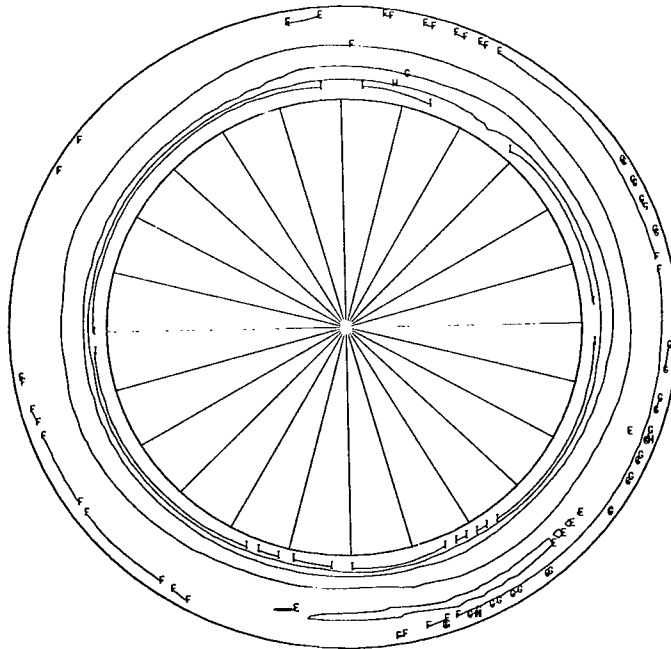
Figure 10. - Concluded.

CONTOUR LABEL	CONTOUR VALUE
A	341.000
B	358.000
C	355.000
D	362.000
E	349.000
F	344.000
G	343.000
H	340.000
I	337.880
J	334.000
K	331.000



(a) Total temperature.

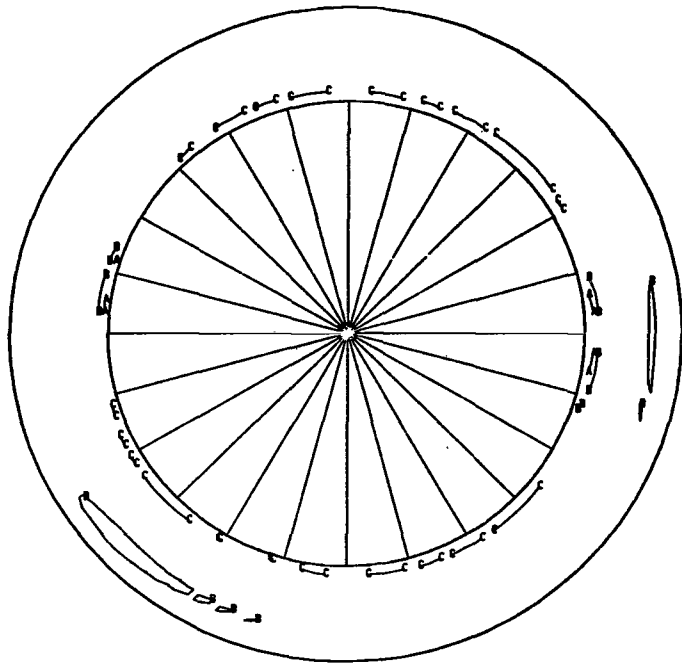
CONTOUR LABEL	CONTOUR VALUE
A	18.420
B	18.400
C	18.250
D	18.500
E	17.400
F	17.250
G	14.800
H	14.430
I	16.000



(b) Total pressure.

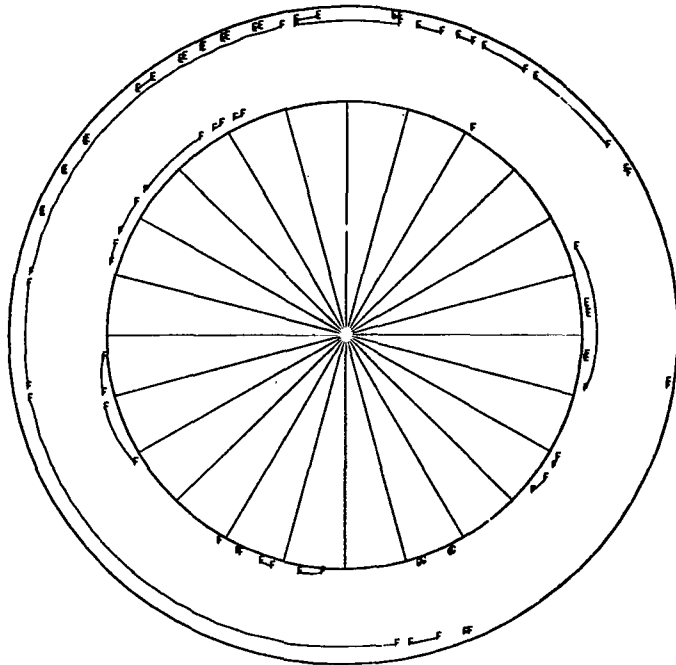
Figure 11. - Profiles at station 3 for S-duct and bellmouth inlet. Reading 785-916; speed, 97 percent of design; weight flow, 33.80 kilograms per second; bypass ratio, 2.58.

CONTOUR LABEL	CONTOUR VALUE
A	14.000
B	13.000
C	12.400
D	12.000
E	12.200
F	11.800
G	11.400
H	11.000
I	11.000



(c) Static pressure.

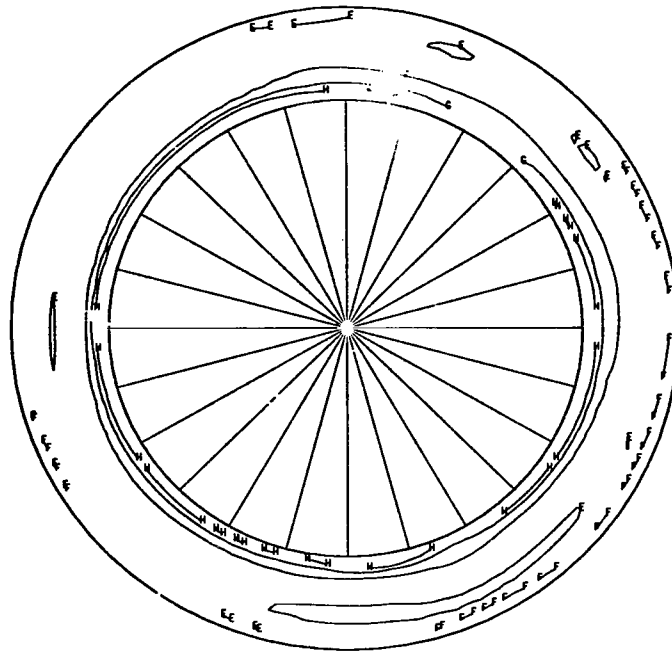
CONTOUR LABEL	CONTOUR VALUE
A	55.000
B	50.000
C	45.000
D	40.000
E	5.000
F	0.000
G	-5.000
H	-10.000
I	-15.000



(d) Flow angle.

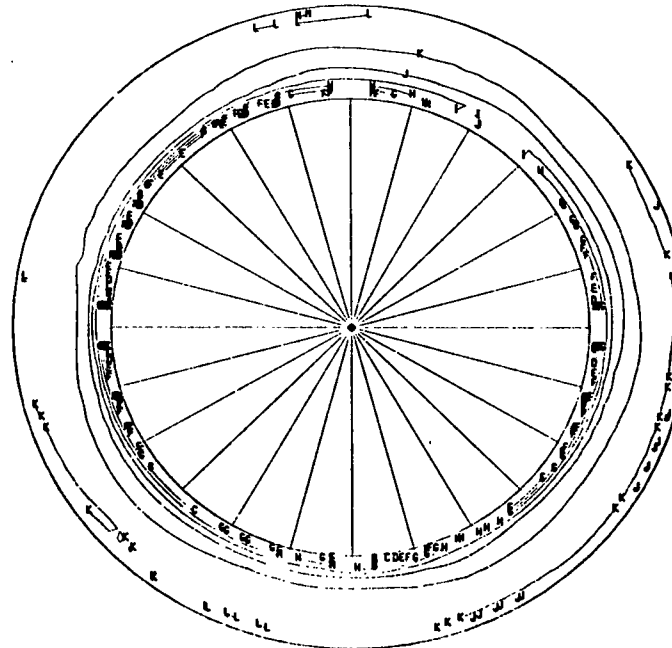
Figure 11. - Continued.

CONTOUR LABEL	CONTOUR VALUE
A	0.740
B	0.720
C	0.680
D	0.640
E	0.600
F	0.560
G	0.520
H	0.480



(e) Absolute Mach number.

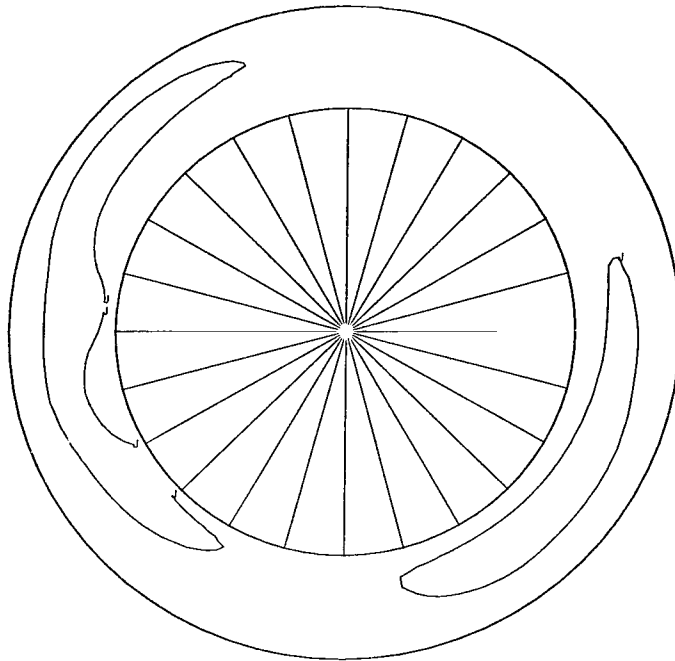
CONTOUR LABEL	CONTOUR VALUE
A	110.000
B	120.000
C	130.000
D	140.000
E	150.000
F	160.000
G	170.000
H	180.000
I	190.000
J	200.000
K	210.000
L	220.000
M	230.000



(f) Meridional velocity.

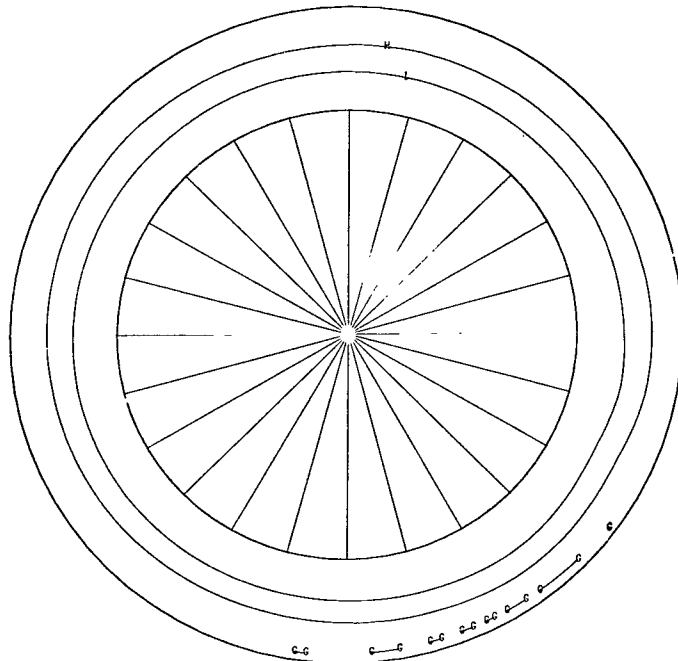
Figure 11. - Concluded.

CONTOUR LABEL	CONTOUR VALUE
A	361.000
B	358.000
C	355.000
D	352.000
E	349.000
F	346.000
G	343.000
H	340.000
I	337.000
J	334.000
K	331.000



(a) Total temperature.

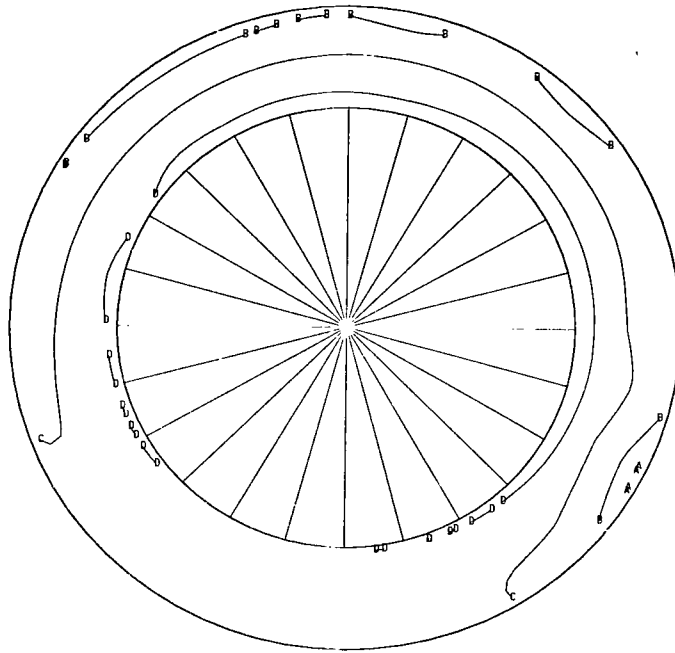
CONTOUR LABEL	CONTOUR VALUE
A	18.400
B	18.400
C	18.200
D	18.000
E	17.600
F	17.200
G	16.800
H	16.400
I	16.000



(b) Total pressure.

Figure 12. - Profiles at station 6 for S-duct and bellmouth inlet. Reading 785-916; speed, 97 percent of design; weight flow, 33.80 kilograms per second; bypass ratio, 2.58.

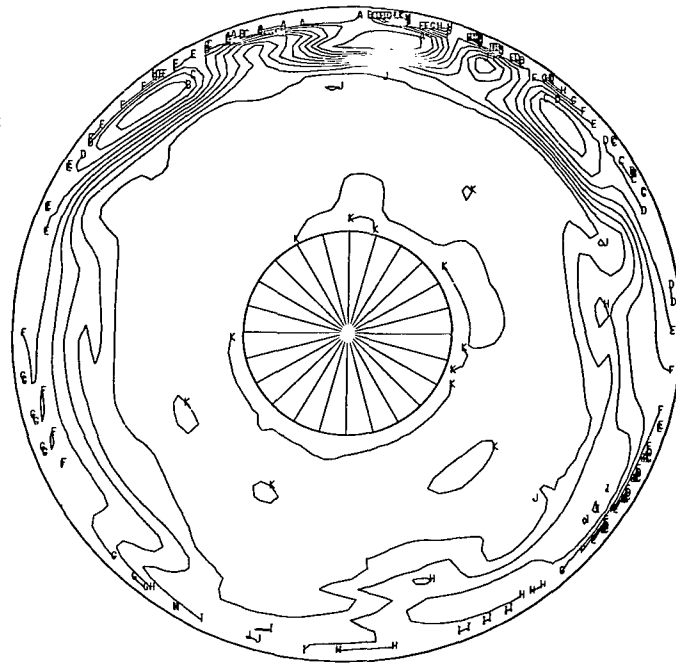
CONTOUR LABEL	CONTOUR VALUE
A	14.000
B	13.800
C	13.400
D	13.000
E	12.600
F	12.200
G	11.800
H	11.400
I	11.000



(c) Static pressure.

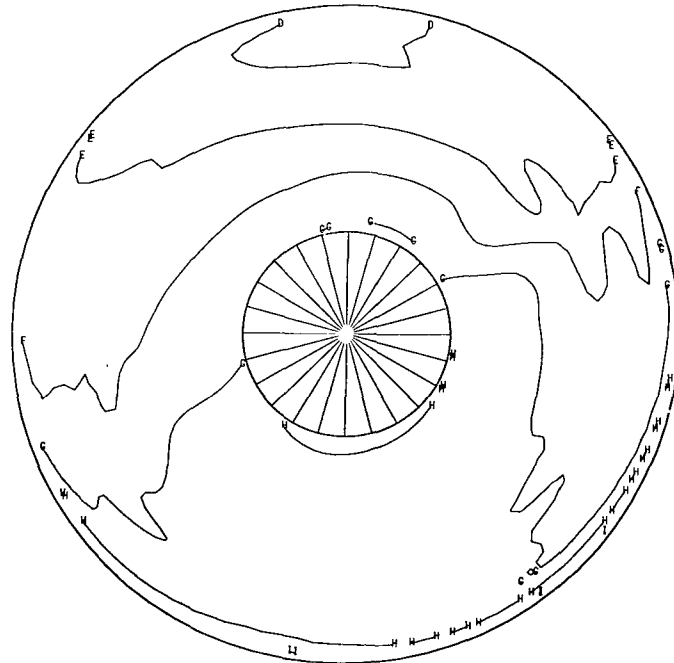
Figure 12. - Concluded.

CONTOUR LABEL	CONTOUR VALUE
A	9.200
B	9.400
C	9.500
D	9.600
E	9.700
F	9.800
G	9.900
H	10.000
I	10.100
J	10.200
K	10.300



(a) Total pressure.

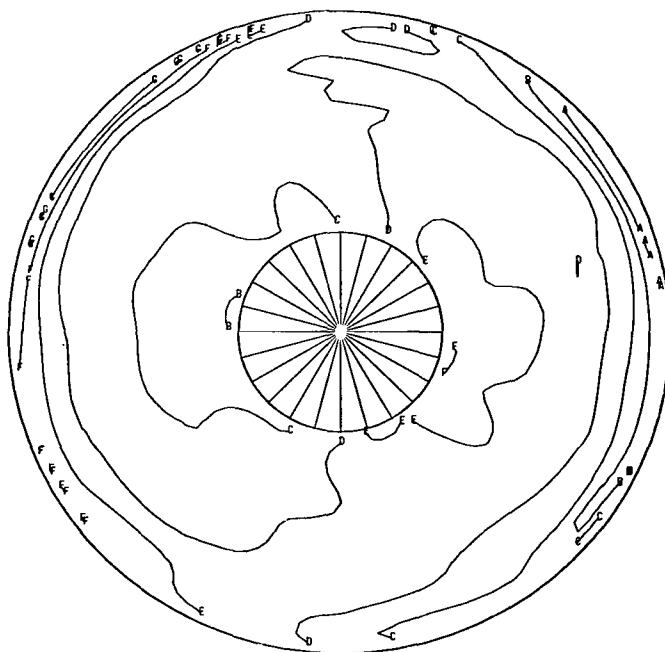
CONTOUR LABEL	CONTOUR VALUE
A	8.000
B	8.100
C	8.200
D	8.300
E	8.400
F	8.500
G	8.600
H	8.700
I	8.800



(b) Static pressure.

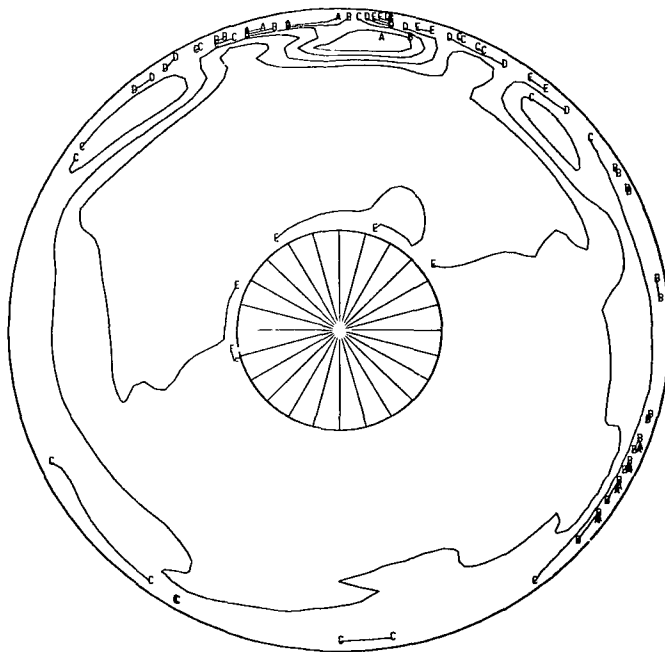
Figure 13. - Profiles at station 0 for S-duct and flight lip inlet. Speed, 97 percent of design; weight flow, 33.75 kilograms per second; bypass ratio, 2.32.

CONTOUR LABEL	CONTOUR VALUE
A	-15.000
B	-10.000
C	-5.000
D	0.000
E	5.000
F	10.000
G	15.000



(c) Flow angle.

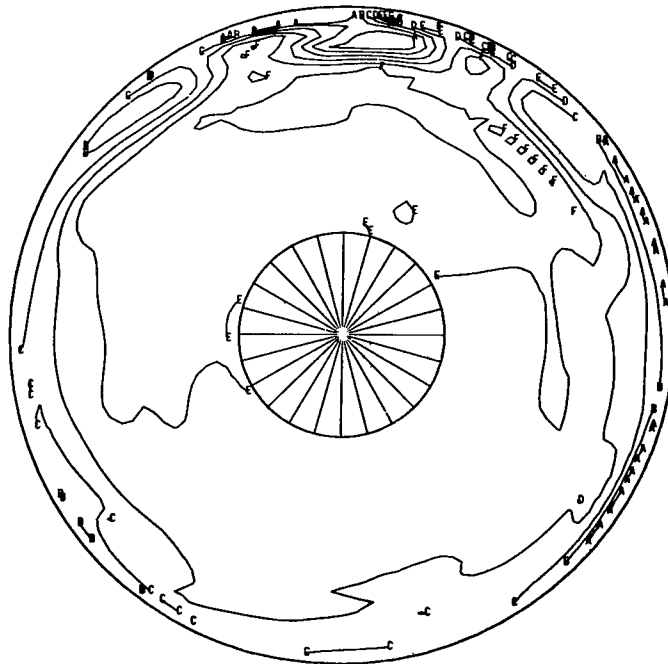
CONTOUR LABEL	CONTOUR VALUE
A	0.360
B	0.400
C	0.440
D	0.480
E	0.520
F	0.560
G	0.600



(d) Absolute Mach number.

Figure 13. - Continued.

CONTOUR LABEL	CONTOUR VALUE
A	130.000
B	140.000
C	150.000
D	160.000
E	170.000
F	180.000
G	190.000



(e) Meridional velocity.

Figure 13. - Concluded.



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