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PRESSURE DISTRIBUTIONS OBTAINED ON A 0.10-SCALE MODEL OF THE SPACE SHUTTLE ORBITER'S FOREBODY IN THE AEDC 16T PROPULSION WIND TUNNEL

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Summary

Results from pressure distribution tests on a 0.10-scale model of the forebody of the Space Shuttle Orbiter are presented without analysis. The tests were completed in the AEDC 16T Propulsion Wind Tunnel. The model was tested at angles of attack from -2° to 18° and angles of sideslip from -6° to 6°.

The tests were conducted in support of the development of the Shuttle Entry Air Data System (SEADS). In addition to modeling the 20 SEADS pressure orifices, the wind-tunnel model was also instrumented with orifices to match Space Shuttle Orbiter Columbia (OV-102) Orbiter Flight Test (OFT)/Development Flight Instrumentation (DFI) port locations and with additional auxiliary diagnostic orifices. The DFI simulation has provided a means for comparisons between reentry flight pressure data and wind-tunnel data.

Introduction

The SEADS is an across-the-speed-range flush orifice air data system proposed for installation on the Space Shuttle Orbiter (ref. 1). The system consists of 20 pressure orifices, 14 of which are arranged in a cruciform pattern and are installed in a baseline geometry nose cap assembly. The other six are located on the forward fuselage. An extensive flow-field model development program has been completed to define the

algorithm which will accomplish the conversion of the SEADS flight data into research quality air data. This algorithm is based on a modification of Newtonian flow theory which incorporates correction factors defined through analysis of wind-tunnel data obtained across the Mach number range on various models of the orbiter's forward fuselage. The wind-tunnel data presented in this report are an important part of the SEADS data base for the Mach numbers tested--in the range .25 to 1.5 (refs. 2, 3, 4, and 5).

Data are presented for a 0.10-scale model of the Space Shuttle Orbiter forebody. This investigation was completed in the AEDC 16T Propulsion Wind Tunnel. The angle of attack was varied from -2° to 18° and the angle of sideslip from -6° to 6°. Orbiter lines are duplicated from the nose back to Fuselage Station 670. Aft of Station 670, the model is ogive-faired to the sting. Twenty pressure orifices on the model duplicate locations of the proposed SEADS orifices. The remaining orifices support the SEADS flow-field model development and/or duplicate OFT/DFI orifices. The data are presented in plotted and tabular form.

Wind-Tunnel Facility

The AEDC 16T Propulsion Wind Tunnel is a variable density, continuous-flow tunnel capable of being operated at Mach Numbers from 0.2 to 1.5 and stagnation pressures from 120 to 4000 psf. The test section is 16 ft square by 40 ft long and enclosed by 60-deg inclined hole perforated walls of six-percent porosity. The general arrangement of the test section and the

test article is shown in figure 1. Additional information about the tunnel, its capabilities, and operating characteristics is presented in reference 6.

Model and Instrumentation

The 0.10-scale model of the Space Shuttle Orbiter forebody was instrumented with 96 pressure orifices matching locations of proposed SEADS, OFT/DFI, and SEADS support orifices.

A photograph of the model is shown in figure 2. Figure 3 gives the model's coordinate system. Figures 4 and 5 show the approximate nominal orifice locations on the model. Table I gives the orifice numbers and locations. The SEADS array of orifices is modeled by orifices 201 through 220. The model was sting balance mounted to the tunnel's model support system.

Test Setup

Data were obtained from the orifices via differential pressure transducers referenced to test section plenum pressure and a scani-valve system. Four scani-valves were used. Several reference ports were available on each scani-valve to provide a means for pressure accuracy assessment. A nominal run consisted of varying prescribed numbers of data points; a data point is one angle-of-attack/sideslip combination, identified sequentially by the "Ref" number. A four component sting balance was used to monitor loads on the model and correct the model attitude for sting deflections. The model was also tested in the inverted position to determine any flow asymmetry in the tunnel. Table II provides a cross-reference between data point

run numbers and the data tables. The data points are listed in table III.

Presentation of Results

To preserve data accuracy and for the convenience of the reader, the data are presented in tables IV through CXXXI. Data are presented in dimensional form (psf). Since these are being used in both pressure coefficients and nondimensional forms P/Q and P/P_{t_2}, they are presented here in dimensional form along with enough tunnel information to provide the reader any of the three nondimensional forms. A limited amount of data are plotted in figures 6 through 27 to show trends. These data are nondimensionalized by P_{t_2} as calculated from tunnel conditions.

List of Symbols

M_∞	free-stream number
P_i	pressure at orifice "i", psf
P_{t_1}	tunnel stagnation pressure, psf
P_{t_2}	total pressure behind the shock, psf
P_∞	tunnel free-stream static pressure, psf
q_∞	tunnel free-stream dynamic pressure, psf
x,y,z	model coordinates, in
α	angle of attack, deg.
β	angle of sideslip, deg.
Λ_i	orifice lateral angle, deg.
Φ	model roll angle, deg.
Φ_i	orifice longitudinal angle, deg.

References

1. Pruett, C. D.; Wolf, H.; Siemers, P. M. III; and Heck, M. L.: An Innovative Air Data System for the Space Shuttle Orbiter: Data Analysis Techniques. AIAA Paper No. 81-2455, Nov. 1981.

2. Bradley, P. F.; Siemers, P. M. III; Flanagan, P. F.; and Henry, M. W.: Pressure Distributions Obtained on a 0.04-Scale and 0.02-Scale Model of the Space Shuttle Orbiter's Forward Fuselage in the Langley 20-Inch Mach 6 Air Tunnel. NASA TM-84629, March 1983.

3. Bradley, P. F.; Siemers, P. M. III; Flanagan, P. F.; and Henry, M. W.: Pressure Distributions on a 0.04-Scale Model of the Space Shuttle Orbiter's Forward Fuselage in the Langley Continuous Flow Hypersonic Tunnel. NASA TM-84630, March 1983.

4. Bradley, P. F.; Siemers, P. M. III; Flanagan, P. F.; and Henry, M. W.: Pressure Distributions on a 0.04-Scale Model of the Space Shuttle Orbiter's Forward Fuselage in the Langley Unitary Plan Wind Tunnel. NASA TM-84628, March 1983.

5. Siemers, P. M. III, Henry, M. W.: Pressure Distributions on a 0.10-Scale Model of the Space Shuttle Orbiter's Forebody in the Ames Unitary Plan Wind Tunnel. NASA TM-87654, November 1985.

6. Test Facilities Handbook (Eleventh Edition). "Propulsion Wind Tunnel Facility, Vol. 4." Arnold Engineering Development Center, June 1979.

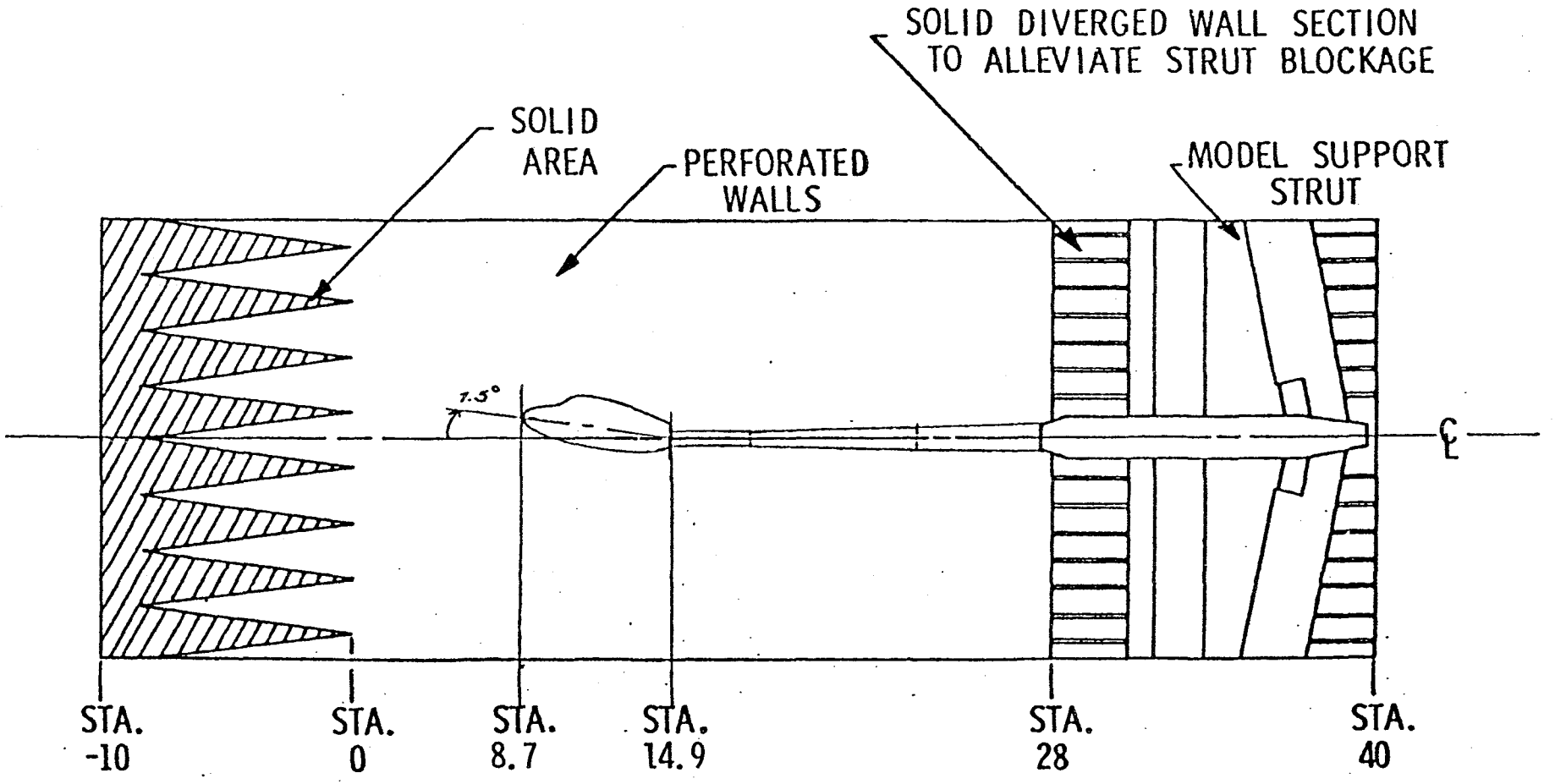

Figure 1. - Test Article Location in Tunnel 16T

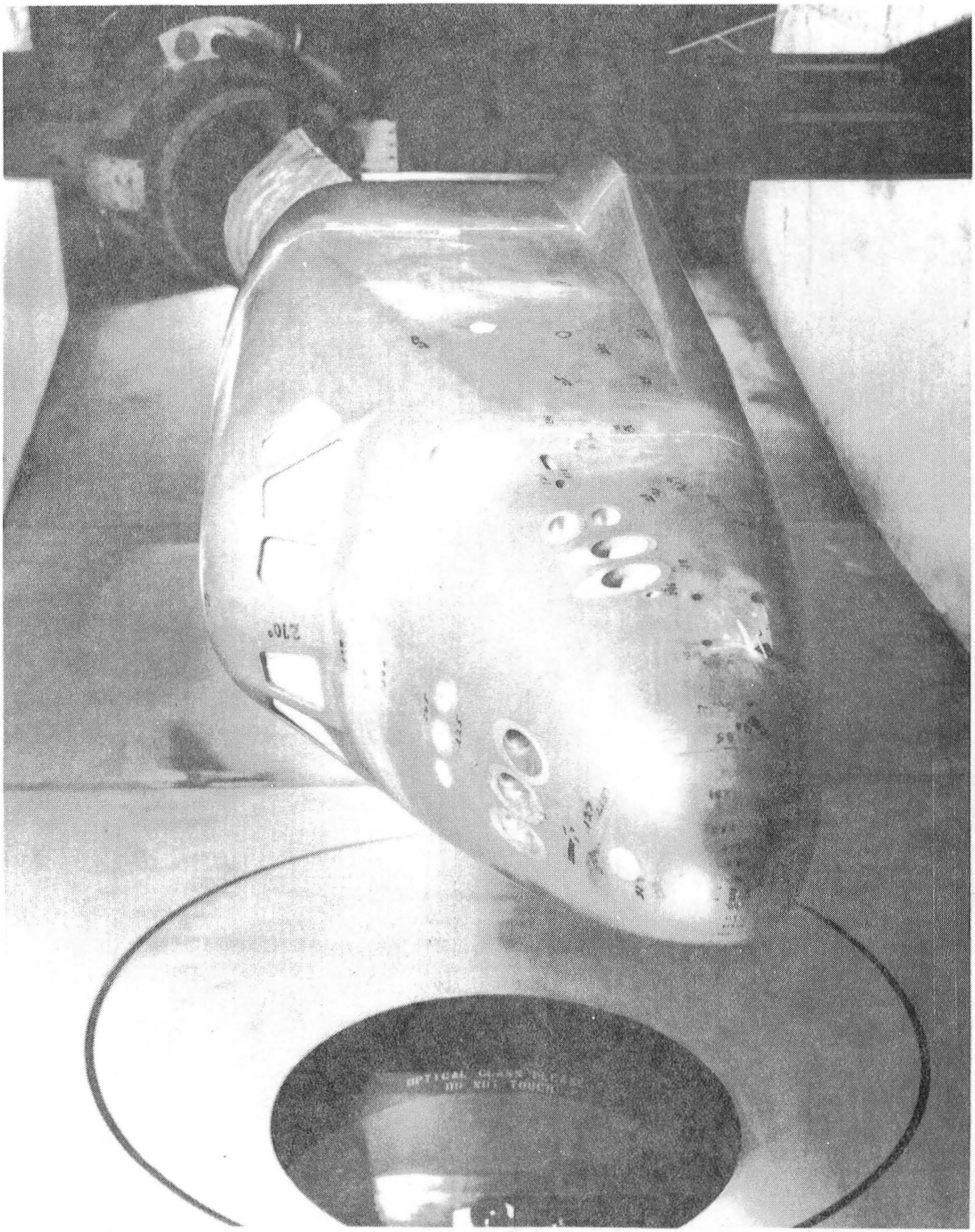

Figure 2. - Photograph of Model.

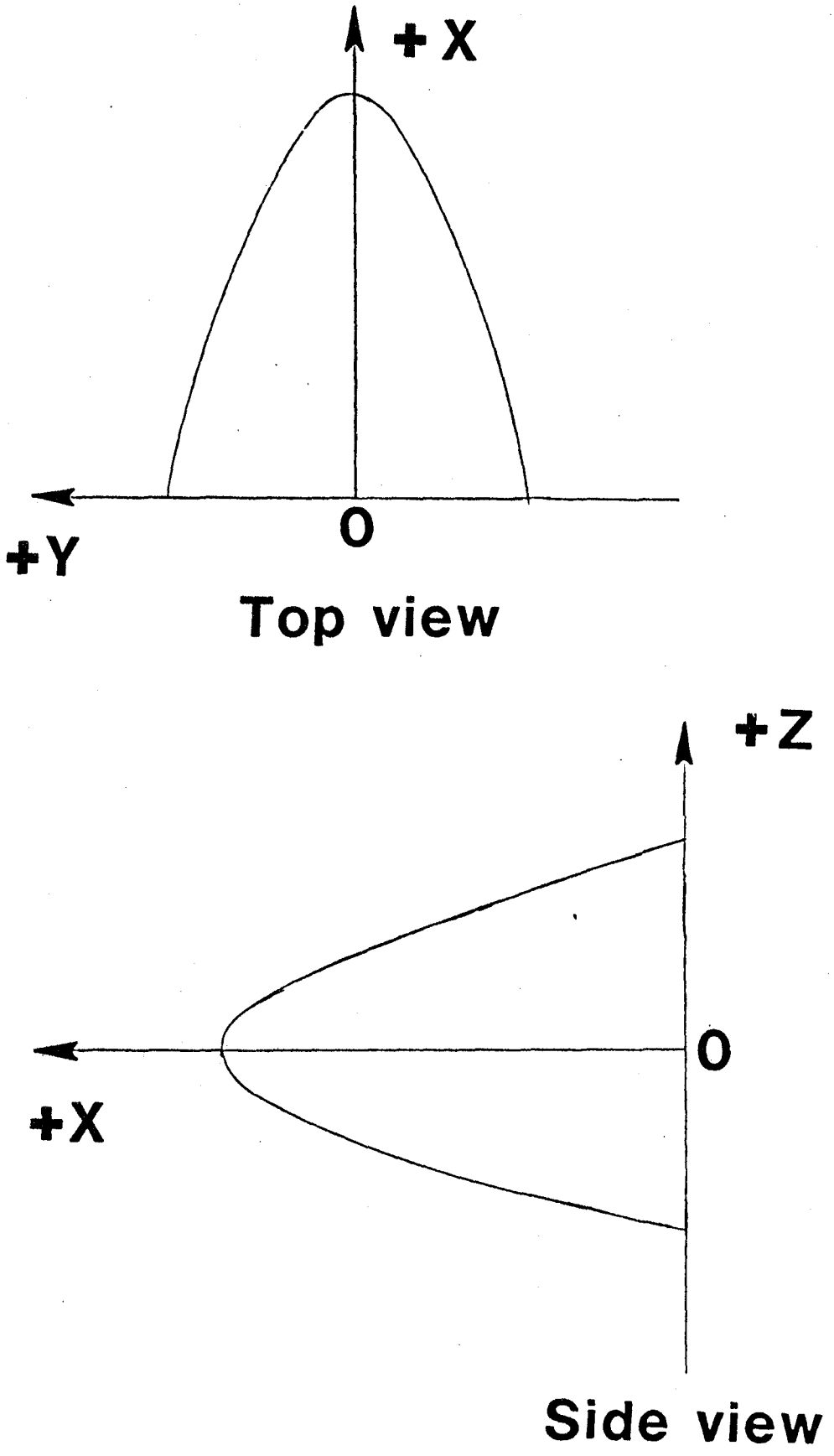

Figure 3. - Model's coordinate system.

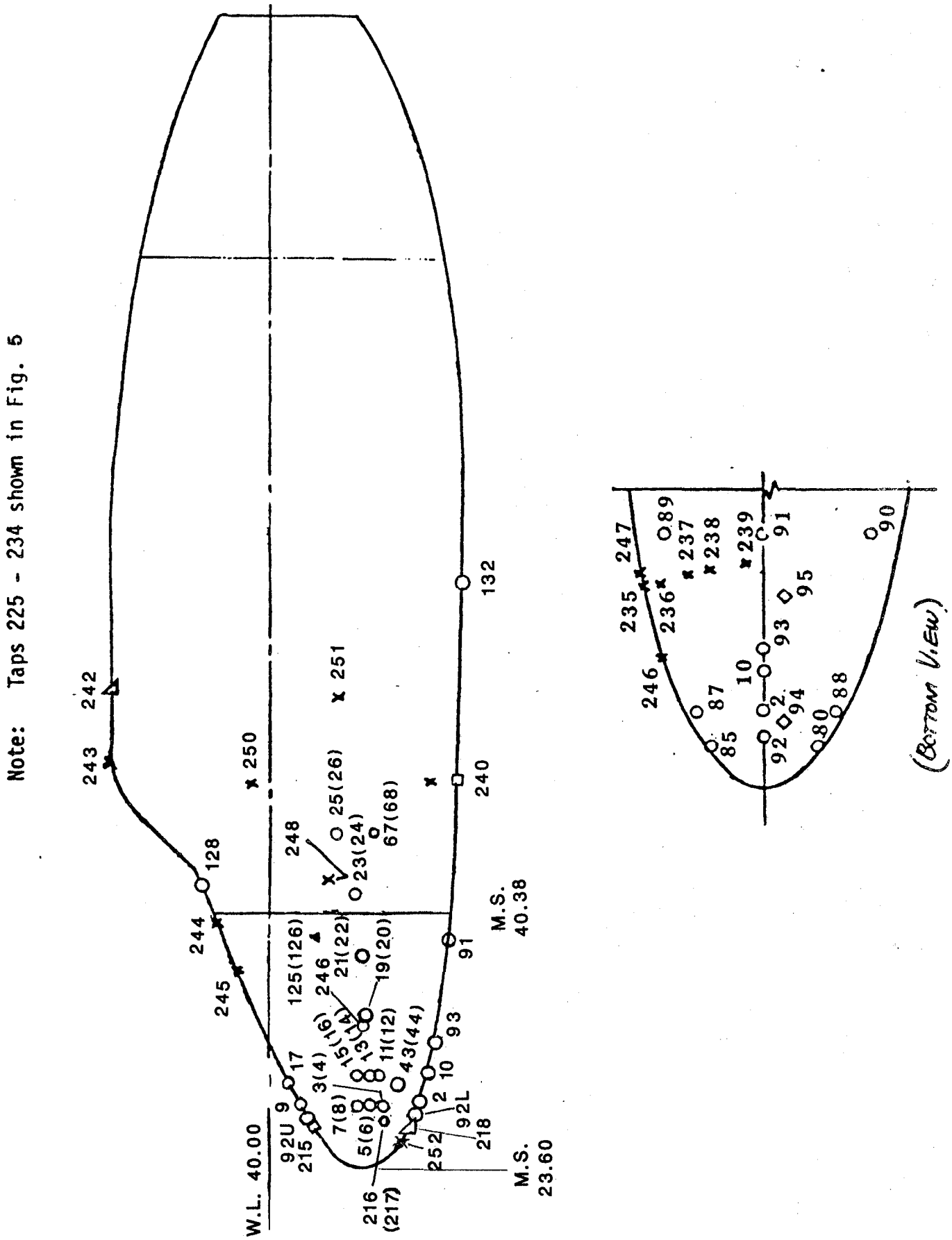

Figure 4. - Number assignment and locations for DFI and Auxiliary Pressure Orifices.

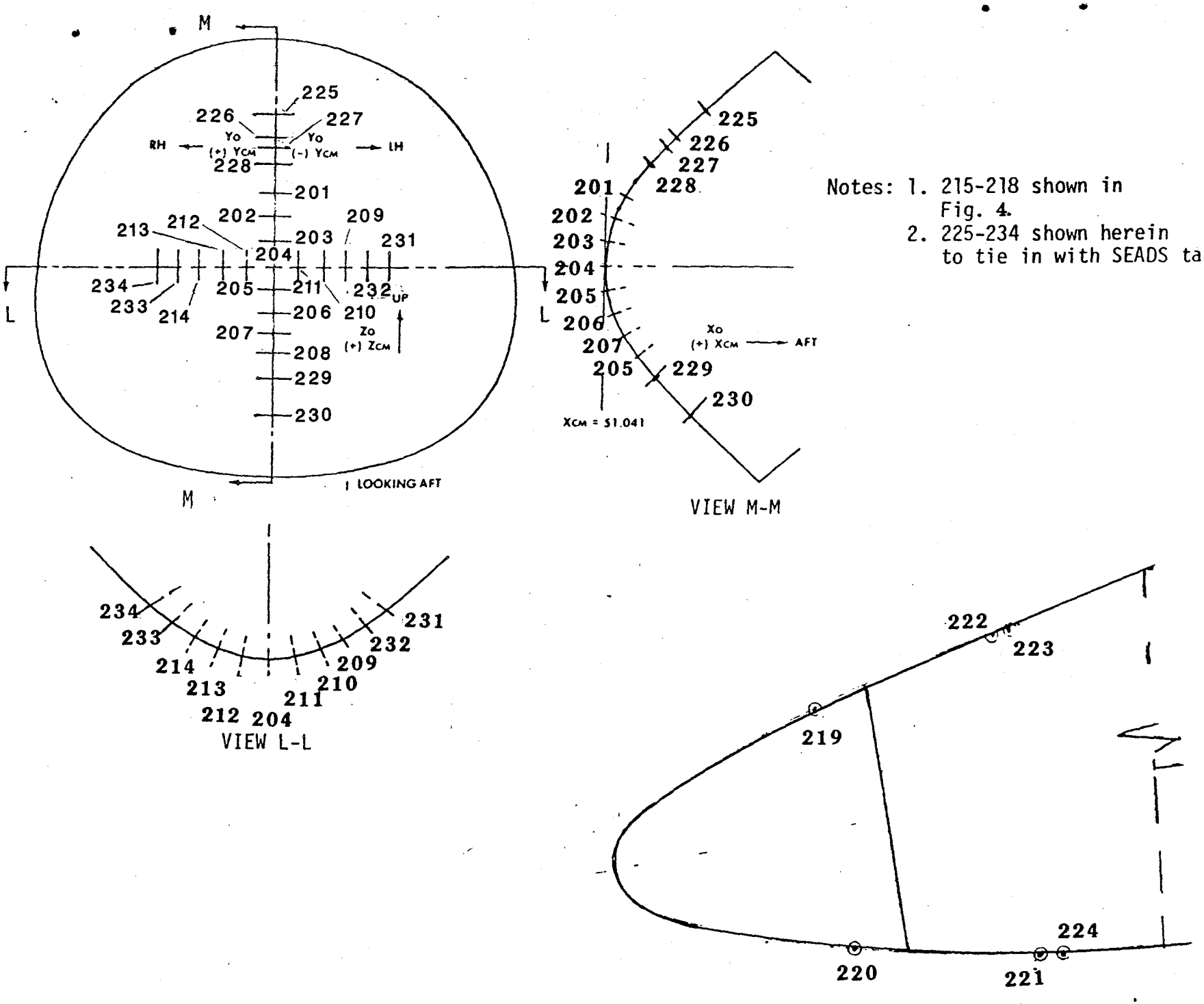

Figure 5. - Number assignment and locations for SEADS Pressure Orifices.

○	α	−1.7	M_∞	.25	P_{t_2} 2984.00
□	α	.2	M_∞	.25	P_{t_2} 2985.50
◇	α	2.2	M_∞	.25	P_{t_2} 2985.20
△	α	4.2	M_∞	.25	P_{t_2} 2985.30
◺	α	6.2	M_∞	.25	P_{t_2} 2985.20
◺	α	8.2	M_∞	.25	P_{t_2} 2984.40
◺	α	10.2	M_∞	.25	P_{t_2} 2983.10
◇	α	12.2	M_∞	.25	P_{t_2} 2982.50
◇	α	14.3	M_∞	.25	P_{t_2} 2983.10
△	α	16.2	M_∞	.25	P_{t_2} 2984.40
⊕	α	18.2	M_∞	.25	P_{t_2} 2985.00

Run #716, β −.0, Facility: AEDC 16T 10% Model

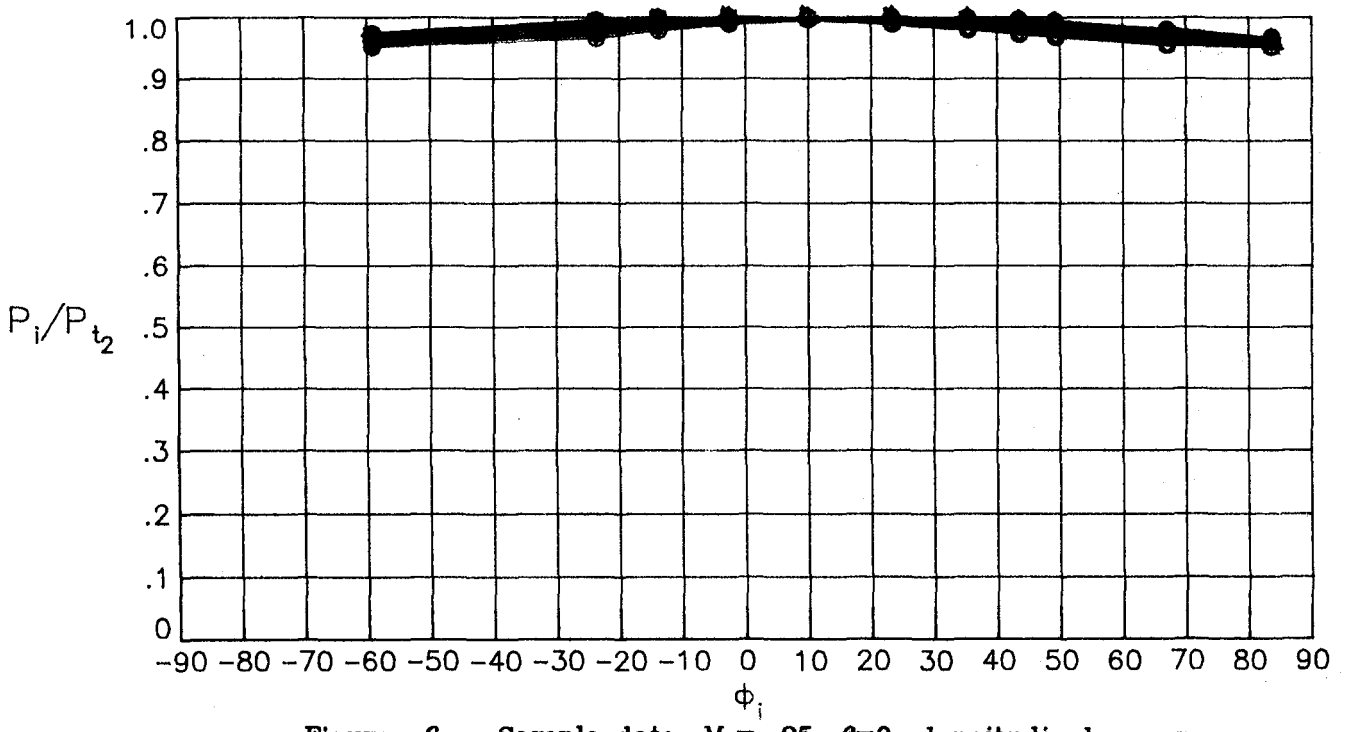

Figure 6. - Sample data, M_∞= .25, β=0., longitudinal sweep

○	α	−1.8	M_∞	.40	P_{t_2}	1993.40
□	α	.1	M_∞	.40	P_{t_2}	1993.30
◇	α	2.1	M_∞	.40	P_{t_2}	1993.10
△	α	4.1	M_∞	.40	P_{t_2}	1992.90
◺	α	6.1	M_∞	.40	P_{t_2}	1993.50
◺	α	8.2	M_∞	.40	P_{t_2}	1993.10
◺	α	10.1	M_∞	.40	P_{t_2}	1993.10
◇	α	12.2	M_∞	.40	P_{t_2}	1992.90
◇	α	14.1	M_∞	.40	P_{t_2}	1992.70
⌂	α	16.2	M_∞	.40	P_{t_2}	1992.70
⊕	α	18.2	M_∞	.40	P_{t_2}	1992.90

Run #628, β −.0, Facility: AEDC 16T 10% Model

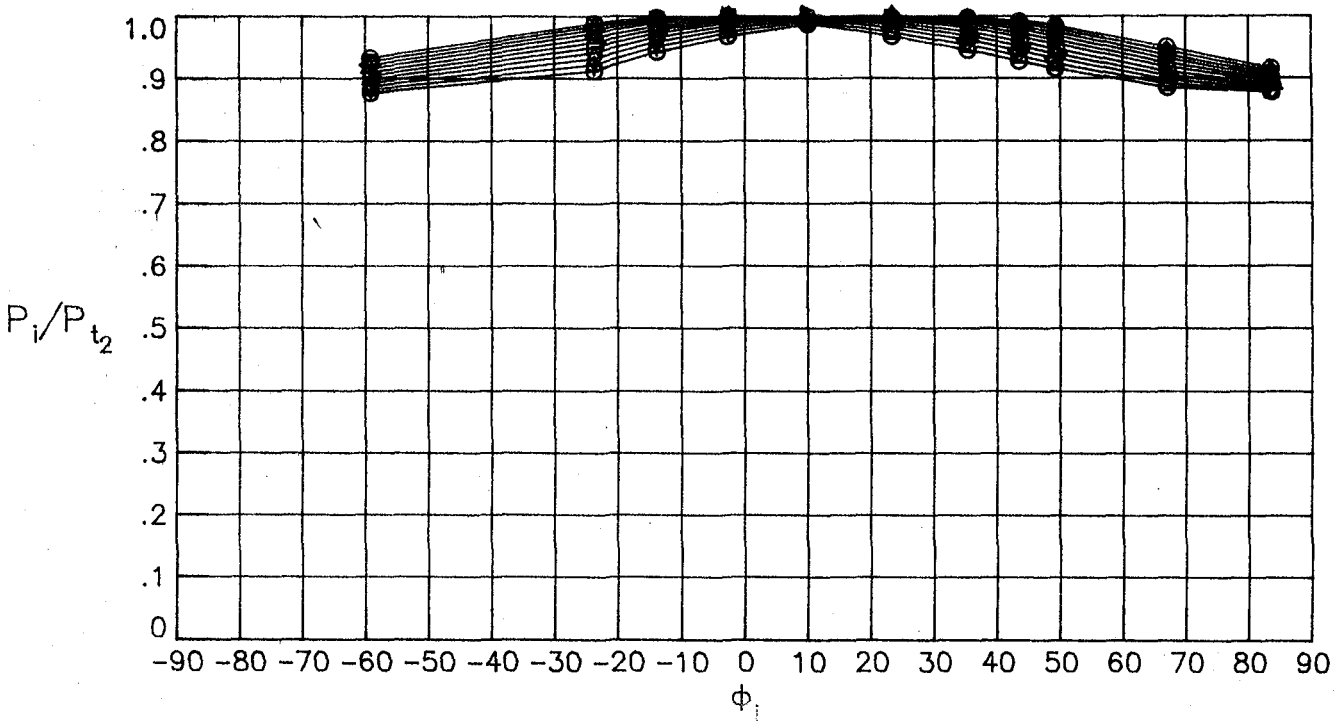

Figure 7. - Sample data, M_∞= .40, β=0., longitudinal sweep

○	α	−1.8	M_∞	.60	P_{t_2}	2534.10
□	α	.2	M_∞	.60	P_{t_2}	2531.20
◇	α	2.2	M_∞	.60	P_{t_2}	2532.00
△	α	4.2	M_∞	.60	P_{t_2}	2533.90
◺	α	6.2	M_∞	.60	P_{t_2}	2533.00
◺	α	8.2	M_∞	.60	P_{t_2}	2532.30
◺	α	10.2	M_∞	.60	P_{t_2}	2533.30
◇	α	12.1	M_∞	.60	P_{t_2}	2531.00
◊	α	14.2	M_∞	.60	P_{t_2}	2530.70
△	α	16.2	M_∞	.60	P_{t_2}	2529.30
⊕	α	18.2	M_∞	.60	P_{t_2}	2529.40

Run #469, β −.0, Facility: AEDC 16T 10% Model

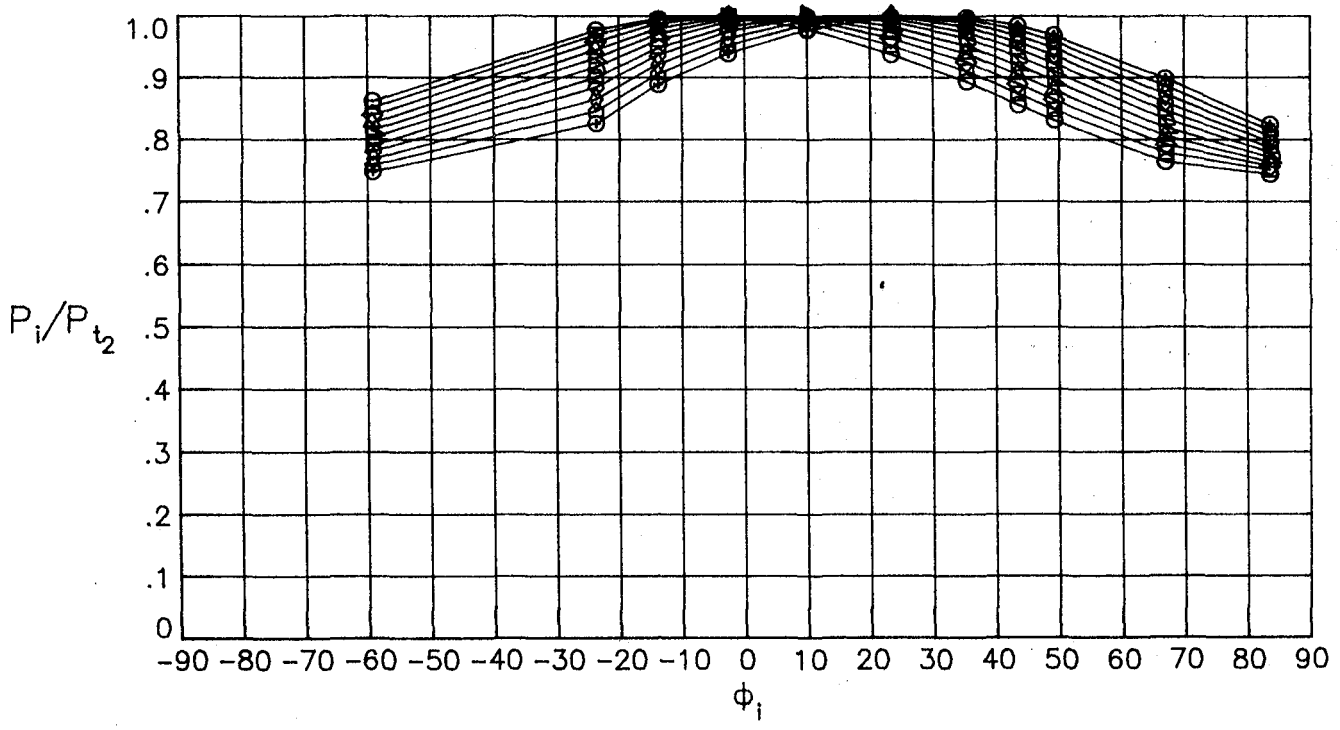

Figure 8. - Sample data, M_∞= .60, β=0., longitudinal sweep

○	α	-1.9	M_∞	.80	P_{t_2}	1703.90
□	α	.1	M_∞	.80	P_{t_2}	1699.60
◇	α	2.1	M_∞	.80	P_{t_2}	1701.30
△	α	4.1	M_∞	.80	P_{t_2}	1702.70
◺	α	6.1	M_∞	.80	P_{t_2}	1700.10
◺	α	8.1	M_∞	.80	P_{t_2}	1701.20
⌓	α	10.2	M_∞	.80	P_{t_2}	1700.90
◇	α	12.1	M_∞	.80	P_{t_2}	1702.10
◊	α	14.1	M_∞	.80	P_{t_2}	1701.80
⌓	α	16.1	M_∞	.80	P_{t_2}	1700.80
⊕	α	18.1	M_∞	.80	P_{t_2}	1700.40

Run #480, β -.0, Facility: AEDC 16T 10% Model

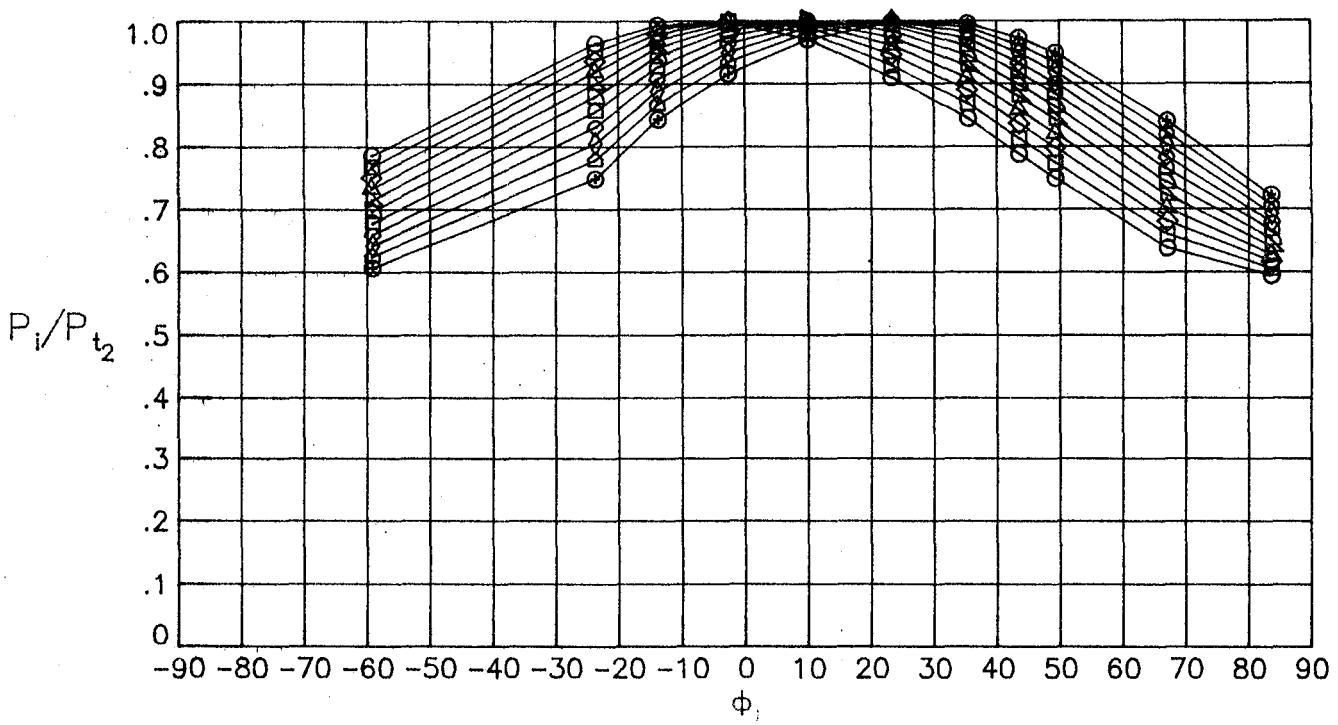

Figure 9. - Sample data, M_∞= .80, β=0., longitudinal sweep

○	α	−2.0	M_∞	.95	P_{t_2} 1415.00
□	α	.1	M_∞	.95	P_{t_2} 1414.70
◇	α	2.1	M_∞	.95	P_{t_2} 1412.60
△	α	4.1	M_∞	.95	P_{t_2} 1413.20
◺	α	6.1	M_∞	.95	P_{t_2} 1413.70
◻	α	8.0	M_∞	.95	P_{t_2} 1413.60
∩	α	10.0	M_∞	.95	P_{t_2} 1413.10
◇	α	12.1	M_∞	.95	P_{t_2} 1413.30
◊	α	14.0	M_∞	.95	P_{t_2} 1412.70
⌂	α	16.1	M_∞	.95	P_{t_2} 1412.50
⊕	α	18.1	M_∞	.95	P_{t_2} 1411.80

Run #513, β −.1, Facility: AEDC 16T 10% Model

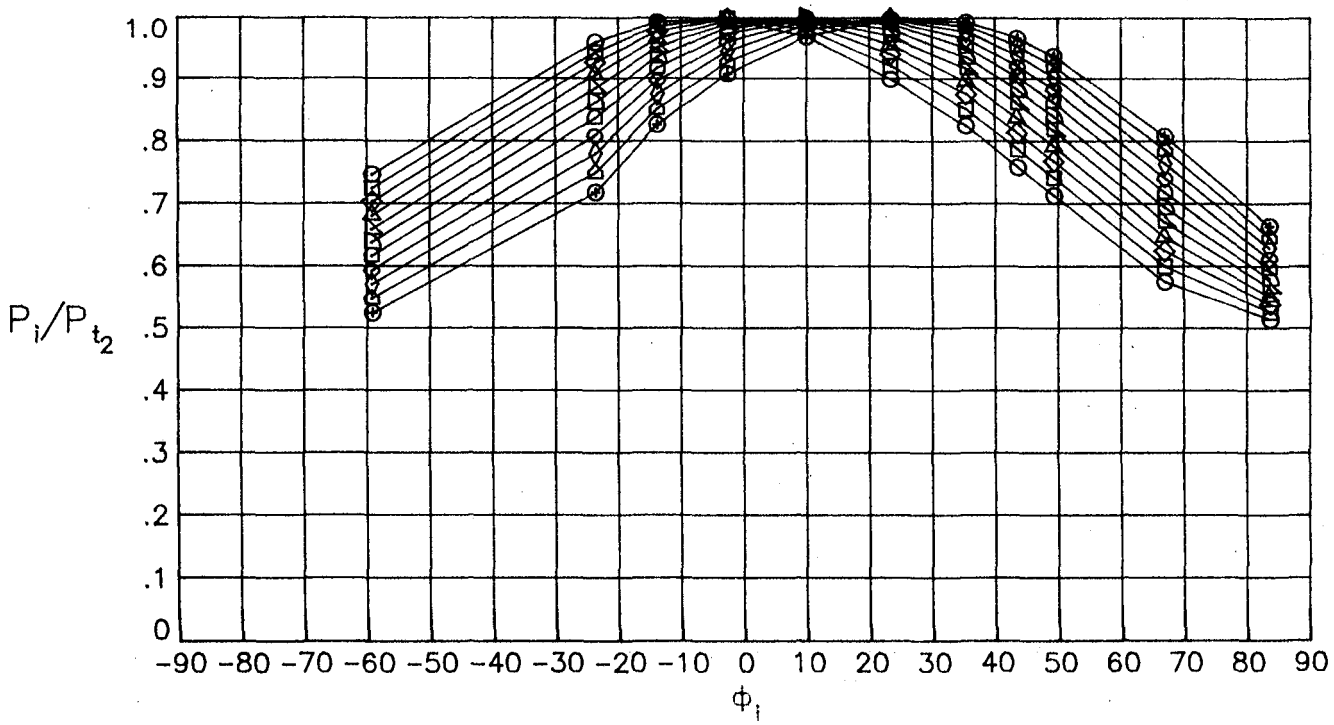

Figure 10. - Sample data, M_∞= .95, β=0., longitudinal sweep

○	α	−1.9	M_∞	1.10	P_{t_2}	1258.33
□	α	.1	M_∞	1.10	P_{t_2}	1258.66
◇	α	2.0	M_∞	1.10	P_{t_2}	1258.63
△	α	4.0	M_∞	1.10	P_{t_2}	1258.90
◺	α	6.0	M_∞	1.10	P_{t_2}	1258.78
◺	α	8.0	M_∞	1.10	P_{t_2}	1259.08
⏢	α	10.1	M_∞	1.10	P_{t_2}	1259.26
◇	α	12.0	M_∞	1.10	P_{t_2}	1258.60
◊	α	14.1	M_∞	1.10	P_{t_2}	1257.94
⏢	α	16.1	M_∞	1.10	P_{t_2}	1256.99
⊕	α	18.1	M_∞	1.10	P_{t_2}	1257.05

Run #523, β −.0, Facility: AEDC 16T 10% Model

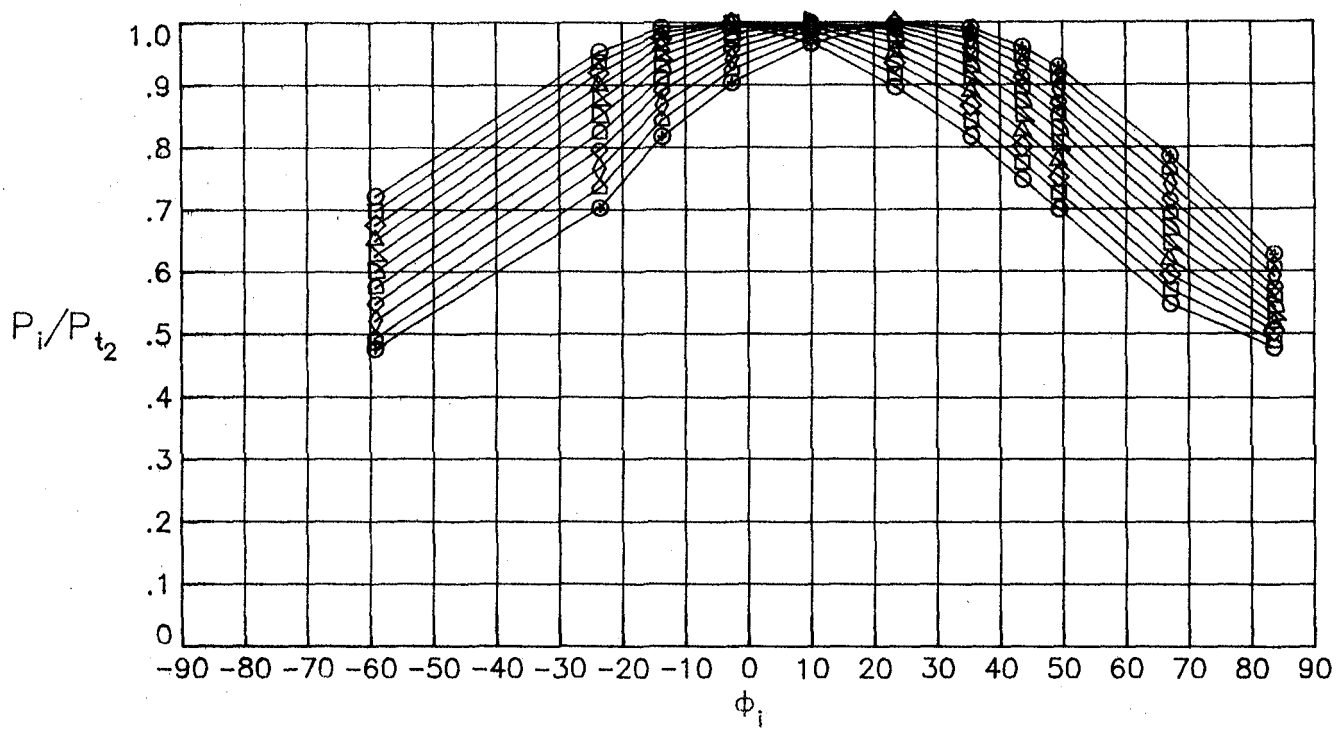

Figure 11. – Sample data, M_∞=1.10, β=0., longitudinal sweep

○	α	-1.9	M_∞	1.15	P_{t_2}	1225.03
□	α	.1	M_∞	1.15	P_{t_2}	1223.18
◇	α	2.1	M_∞	1.15	P_{t_2}	1222.89
△	α	4.0	M_∞	1.15	P_{t_2}	1224.29
◺	α	6.0	M_∞	1.15	P_{t_2}	1223.92
◻	α	8.0	M_∞	1.15	P_{t_2}	1224.14
⌂	α	10.1	M_∞	1.15	P_{t_2}	1224.29
◇	α	12.0	M_∞	1.15	P_{t_2}	1222.96
◊	α	14.0	M_∞	1.15	P_{t_2}	1221.92
⌂	α	16.0	M_∞	1.15	P_{t_2}	1224.37
⊕	α	18.0	M_∞	1.15	P_{t_2}	1225.91

Run #532, β -.1, Facility: AEDC 16T 10% Model

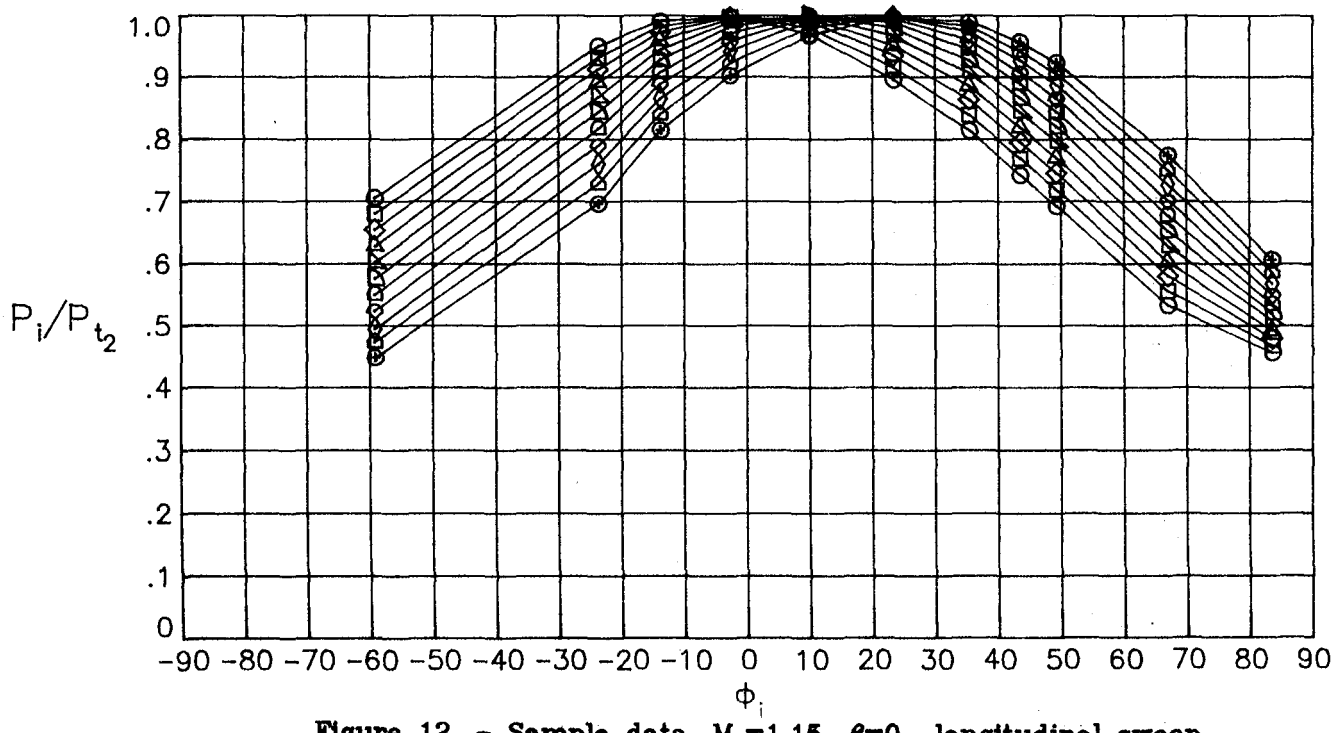

Figure 12. - Sample data, M_∞=1.15, β=0., longitudinal sweep

○	α	-2.0	M_∞	1.20	P_{t_2}	1196.16
□	α	-.0	M_∞	1.20	P_{t_2}	1192.71
◇	α	1.9	M_∞	1.20	P_{t_2}	1192.24
△	α	3.9	M_∞	1.20	P_{t_2}	1192.10
◺	α	5.9	M_∞	1.20	P_{t_2}	1191.72
◸	α	8.0	M_∞	1.20	P_{t_2}	1191.48
⌓	α	10.0	M_∞	1.20	P_{t_2}	1193.47
◇	α	11.9	M_∞	1.20	P_{t_2}	1194.27
◊	α	14.0	M_∞	1.20	P_{t_2}	1195.22
⌓	α	16.0	M_∞	1.20	P_{t_2}	1196.54
⊕	α	18.0	M_∞	1.20	P_{t_2}	1194.18

Run #561, β -.1, Facility: AEDC 16T 10% Model

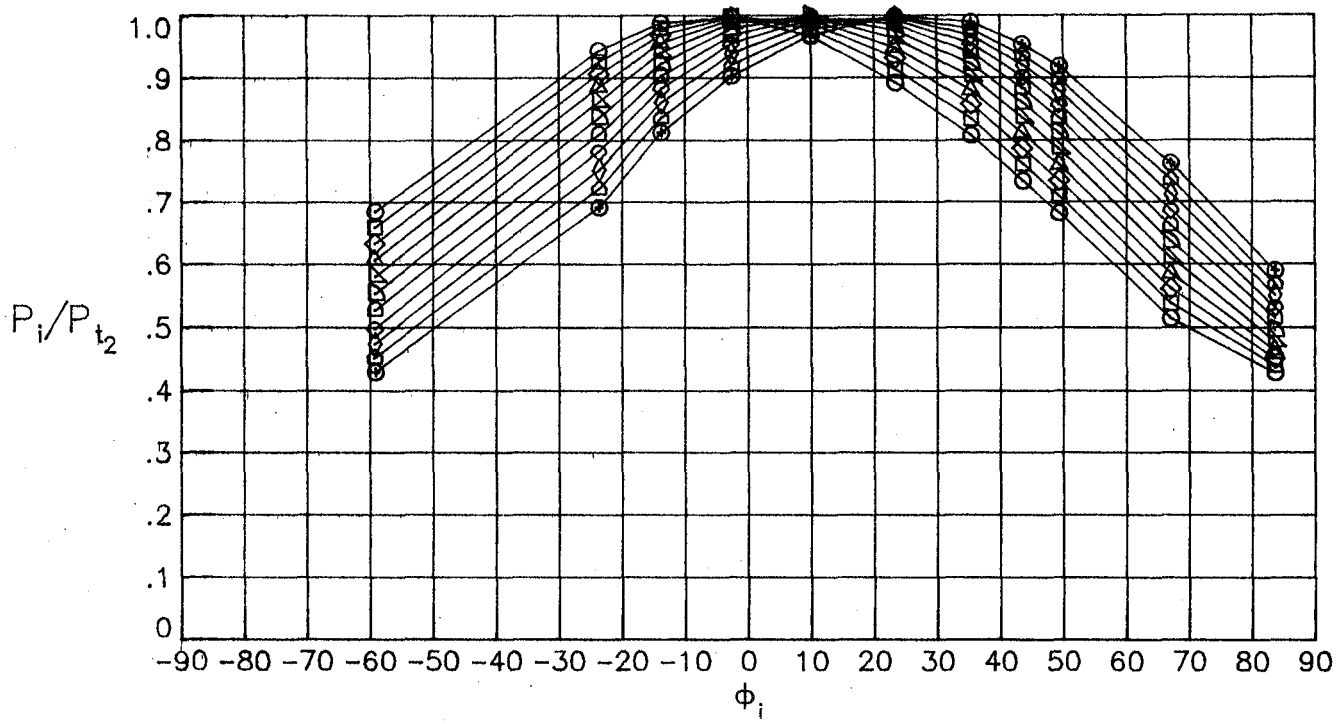

Figure 13. - Sample data, M_∞=1.20, β=0., longitudinal sweep

○	α	−1.9	M_∞	1.30	P_{t_2}	1146.29
□	α	.0	M_∞	1.30	P_{t_2}	1148.95
◇	α	2.0	M_∞	1.30	P_{t_2}	1148.82
△	α	4.0	M_∞	1.30	P_{t_2}	1148.15
◺	α	6.0	M_∞	1.30	P_{t_2}	1147.61
◺	α	8.0	M_∞	1.30	P_{t_2}	1146.55
◻	α	10.0	M_∞	1.30	P_{t_2}	1145.89
◇	α	12.1	M_∞	1.30	P_{t_2}	1144.16
◊	α	14.1	M_∞	1.30	P_{t_2}	1148.42
⌂	α	16.1	M_∞	1.30	P_{t_2}	1148.68
⊕	α	18.1	M_∞	1.30	P_{t_2}	1148.54

Run #595, β −.1, Facility: AEDC 16T 10% Model

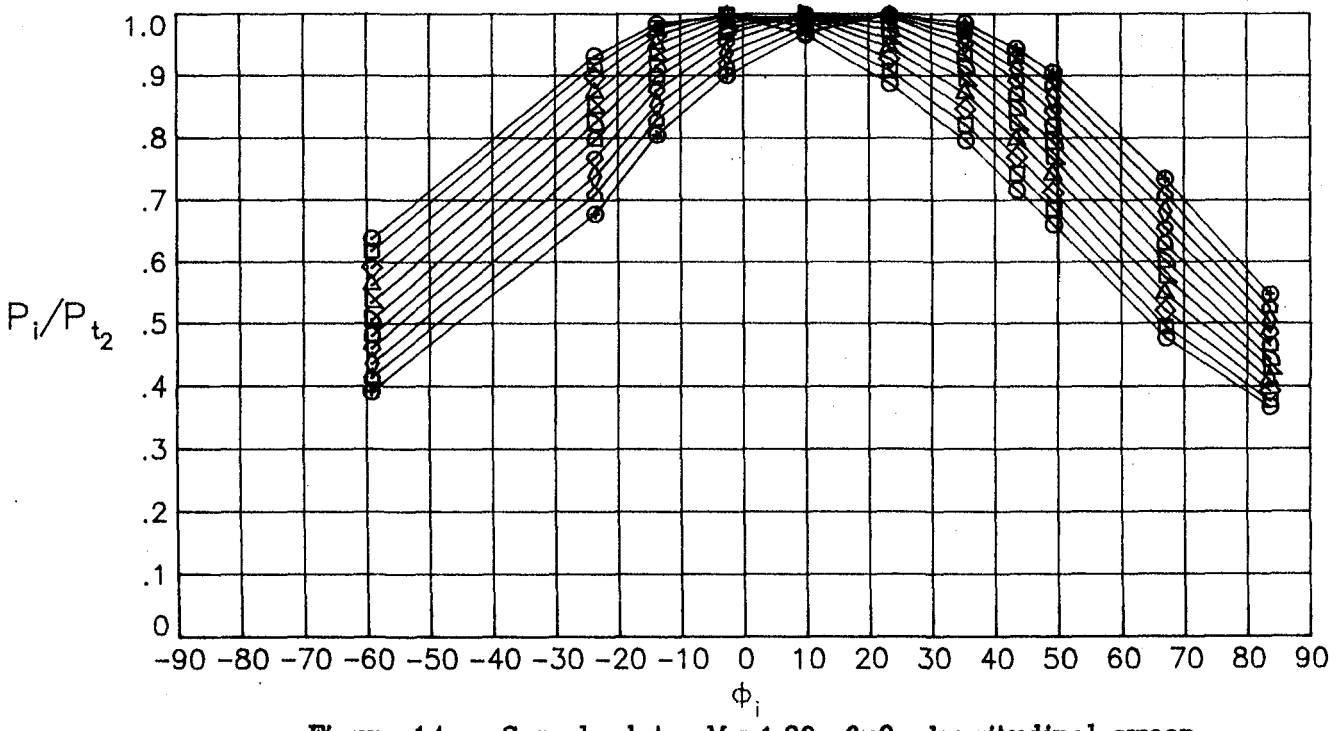

Figure 14. - Sample data, M_∞=1.30, β=0., longitudinal sweep

○	α	-2.0	M_∞	1.40	P_{t_2}	1111.53
□	α	-.0	M_∞	1.40	P_{t_2}	1111.83
◇	α	2.0	M_∞	1.40	P_{t_2}	1111.50
△	α	4.0	M_∞	1.40	P_{t_2}	1111.44
◺	α	5.9	M_∞	1.40	P_{t_2}	1111.44
◺	α	8.0	M_∞	1.40	P_{t_2}	1111.49
⌓	α	10.0	M_∞	1.40	P_{t_2}	1111.19
◇	α	12.0	M_∞	1.40	P_{t_2}	1111.02
◊	α	14.0	M_∞	1.40	P_{t_2}	1110.67
⌓	α	16.0	M_∞	1.40	P_{t_2}	1109.90
⊕	α	18.0	M_∞	1.40	P_{t_2}	1110.11

Run #609, β -.0, Facility: AEDC 16T 10% Model

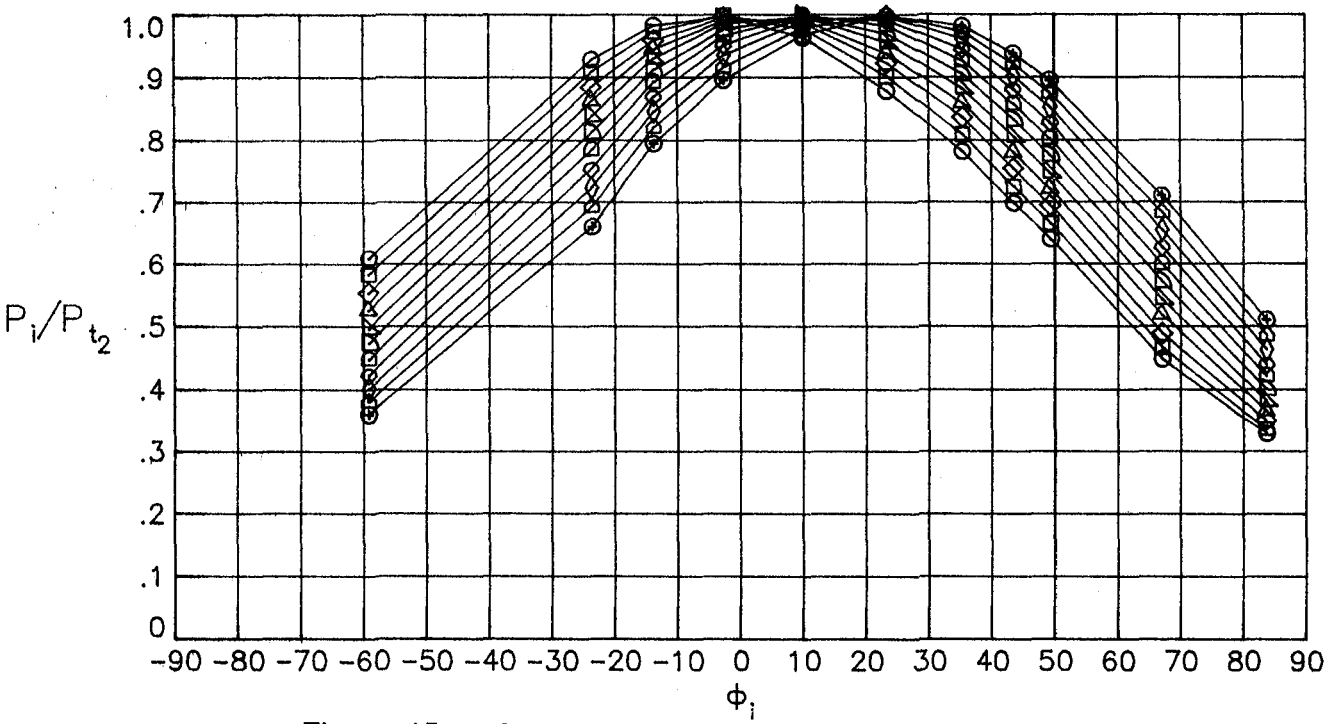

Figure 15. - Sample data, M_∞=1.40, β=0., longitudinal sweep

○	α	-1.9	M_∞	1.50	P_{t_2}	1085.79
□	α	.0	M_∞	1.50	P_{t_2}	1085.55
◇	α	2.0	M_∞	1.50	P_{t_2}	1085.05
△	α	3.9	M_∞	1.50	P_{t_2}	1084.77
◺	α	6.0	M_∞	1.50	P_{t_2}	1084.03
◺	α	8.1	M_∞	1.50	P_{t_2}	1083.81
⌂	α	10.0	M_∞	1.50	P_{t_2}	1082.91
◇	α	12.0	M_∞	1.50	P_{t_2}	1082.67
◊	α	14.0	M_∞	1.50	P_{t_2}	1081.62
⌂	α	16.0	M_∞	1.50	P_{t_2}	1081.74
⊕	α	18.0	M_∞	1.50	P_{t_2}	1082.22

Run #621, β .4, Facility: AEDC 16T 10% Model

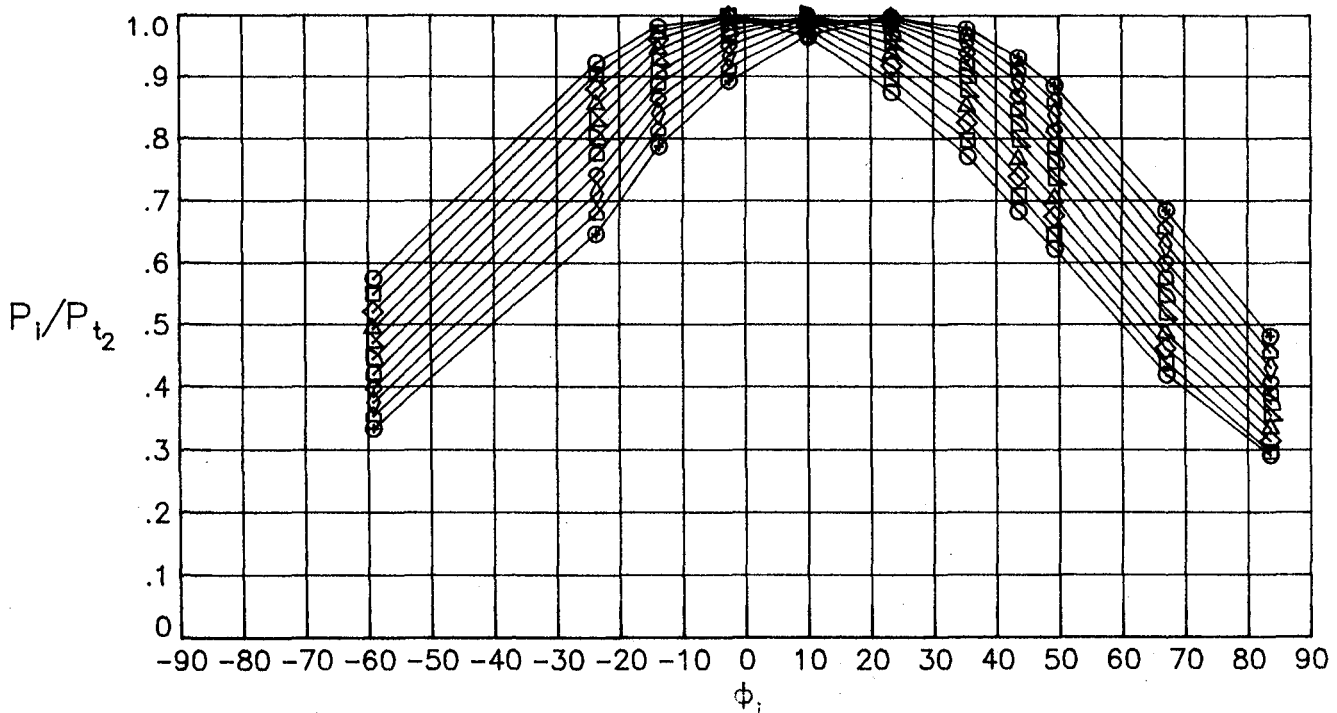

Figure 16. - Sample data, M_∞=1.50, β=0., longitudinal sweep

○	β	-5.8	M_∞	.25	P_{t_2} 2983.70
□	β	-3.8	M_∞	.25	P_{t_2} 2984.30
◇	β	-2.8	M_∞	.25	P_{t_2} 2986.00
△	β	-1.8	M_∞	.25	P_{t_2} 2986.00
◺	β	-.8	M_∞	.25	P_{t_2} 2985.00
◺	β	-.4	M_∞	.25	P_{t_2} 2983.70
∩	β	.1	M_∞	.25	P_{t_2} 2983.00
◇	β	.5	M_∞	.25	P_{t_2} 2984.70
◇	β	1.0	M_∞	.25	P_{t_2} 2985.40
△	β	1.8	M_∞	.25	P_{t_2} 2984.80
⊕	β	2.7	M_∞	.25	P_{t_2} 2984.50
⊞	β	3.7	M_∞	.25	P_{t_2} 2983.50
◈	β	5.7	M_∞	.25	P_{t_2} 2985.00

Run #715, α 6.0, Facility: AEDC 16T 10% Model

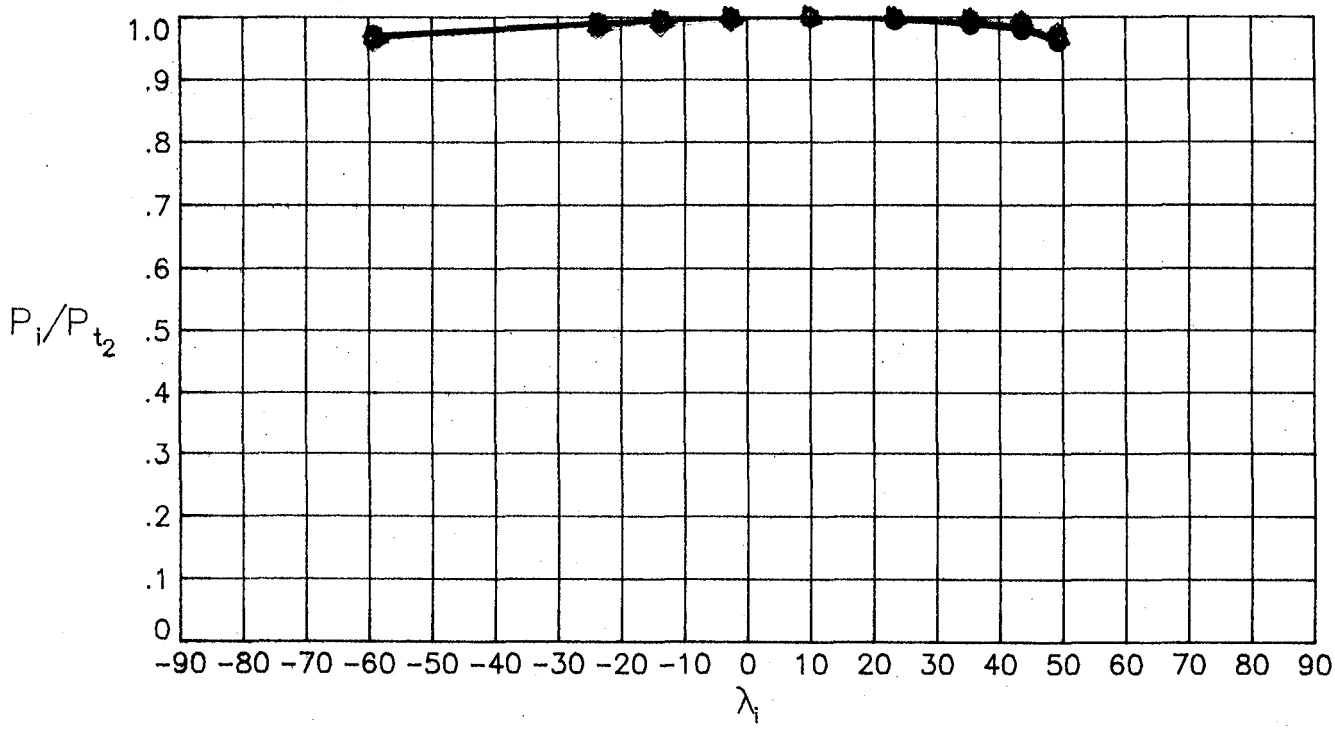

Figure 17. - Sample data, M_∞= .25, α=6., lateral sweep

○	β	-5.8	M_∞	.40	P_{t_2}	1994.00
□	β	-3.9	M_∞	.40	P_{t_2}	1994.00
◇	β	-2.8	M_∞	.40	P_{t_2}	1994.20
△	β	-1.8	M_∞	.40	P_{t_2}	1994.10
◺	β	-1.0	M_∞	.40	P_{t_2}	1994.20
◸	β	-.4	M_∞	.40	P_{t_2}	1994.00
∩	β	.1	M_∞	.40	P_{t_2}	1994.50
◇	β	.5	M_∞	.40	P_{t_2}	1994.20
◊	β	1.0	M_∞	.40	P_{t_2}	1994.20
⌂	β	1.8	M_∞	.40	P_{t_2}	1994.10
⊕	β	2.8	M_∞	.40	P_{t_2}	1994.30
⊞	β	3.8	M_∞	.40	P_{t_2}	1994.30
⊕	β	5.8	M_∞	.40	P_{t_2}	1994.00

Run #627, α 6.0, Facility: AEDC 16T 10% Model

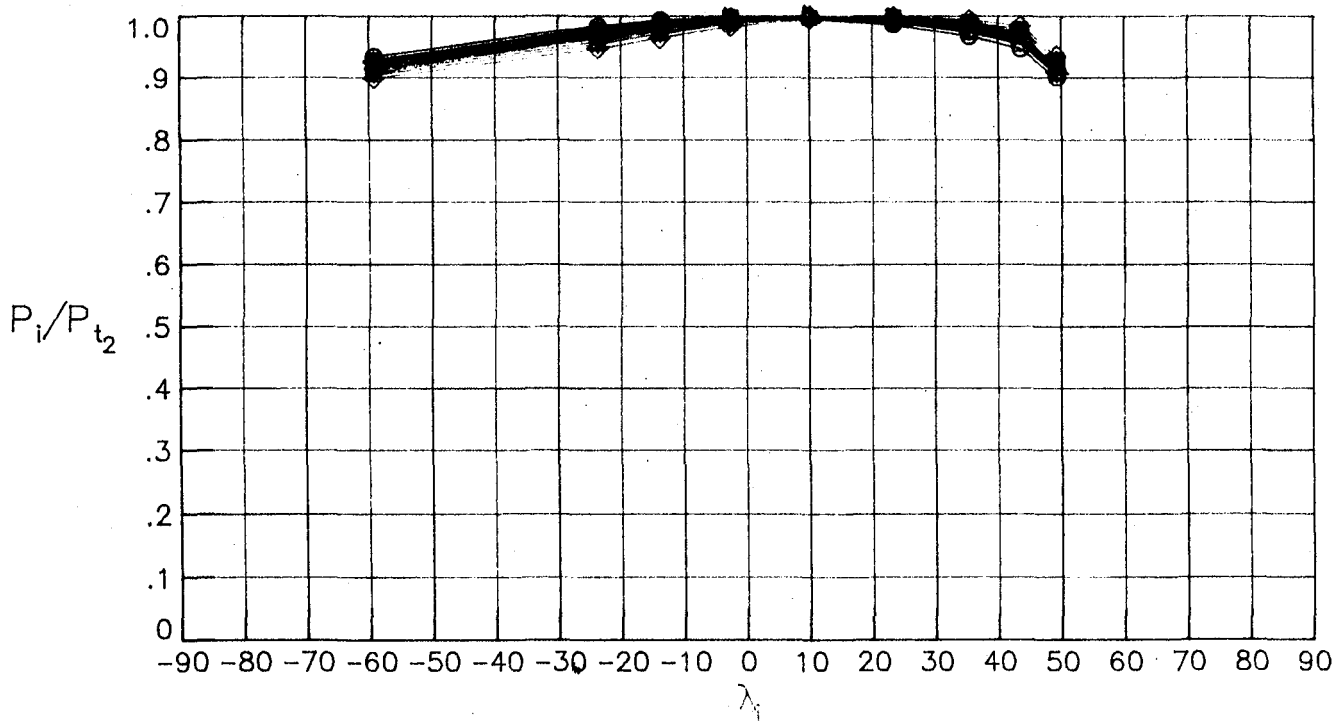

Figure 18. - Sample data, M_∞= .40, α=6., lateral sweep

○	β	-5.9	M_∞	.60	P_{t_2} 2529.80
□	β	-3.8	M_∞	.60	P_{t_2} 2532.60
◇	β	-2.9	M_∞	.60	P_{t_2} 2533.00
△	β	-1.9	M_∞	.60	P_{t_2} 2529.90
◺	β	-.9	M_∞	.60	P_{t_2} 2532.00
◺	β	-.5	M_∞	.60	P_{t_2} 2531.90
◺	β	.0	M_∞	.60	P_{t_2} 2531.50
◇	β	.5	M_∞	.60	P_{t_2} 2530.50
◇	β	.9	M_∞	.60	P_{t_2} 2532.20
△	β	1.7	M_∞	.60	P_{t_2} 2532.20
⊕	β	2.8	M_∞	.60	P_{t_2} 2530.60
⊞	β	3.8	M_∞	.60	P_{t_2} 2529.70
◈	β	5.8	M_∞	.60	P_{t_2} 2530.50

Run #466, α 6.2, Facility: AEDC 16T 10% Model

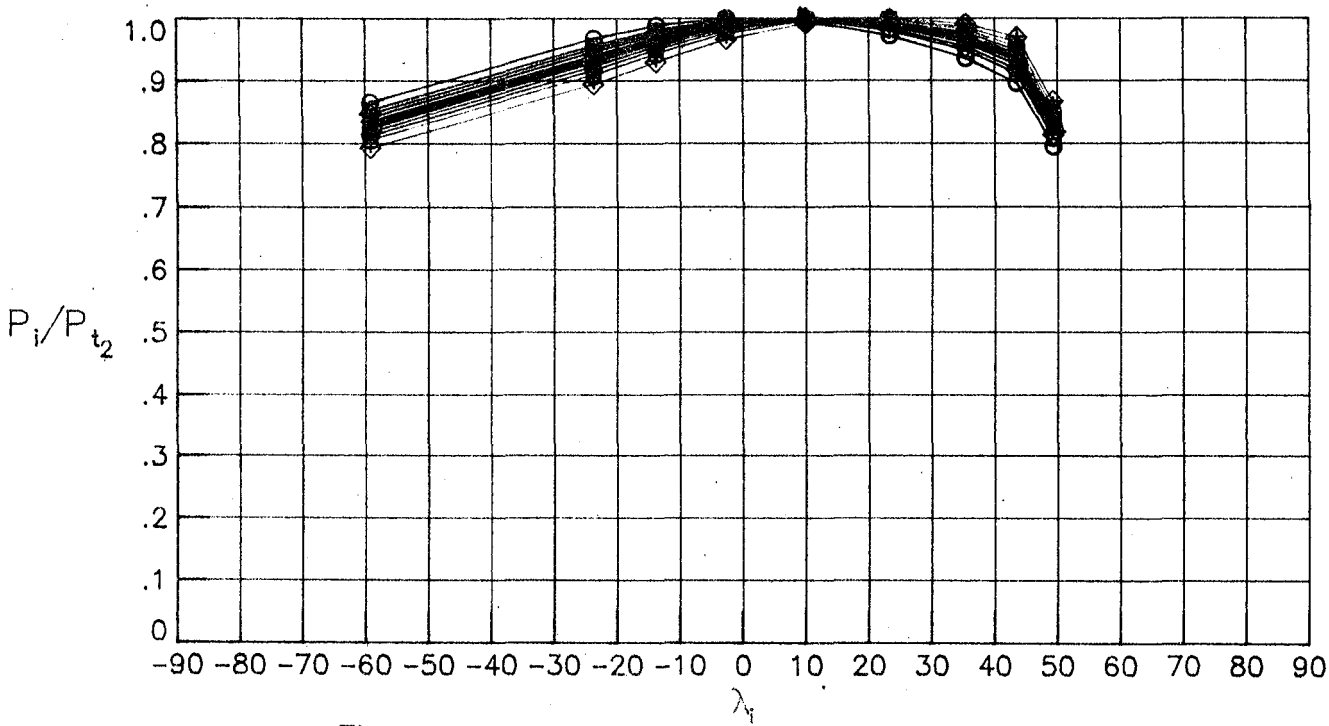

Figure 19. - Sample data, M_∞= .60, α=6., lateral sweep

○	β	-3.9	M_∞	.80	P_{t_2}	1700.00
□	β	-3.0	M_∞	.80	P_{t_2}	1701.70
◇	β	-1.9	M_∞	.80	P_{t_2}	1701.60
△	β	-.9	M_∞	.80	P_{t_2}	1700.30
◺	β	-.5	M_∞	.80	P_{t_2}	1700.30
◺	β	.1	M_∞	.80	P_{t_2}	1701.50
◺	β	.5	M_∞	.80	P_{t_2}	1701.20
◇	β	1.0	M_∞	.80	P_{t_2}	1700.30
◊	β	1.9	M_∞	.80	P_{t_2}	1699.40
⌂	β	2.9	M_∞	.80	P_{t_2}	1700.90
⊕	β	3.9	M_∞	.80	P_{t_2}	1702.20
⊞	β	5.9	M_∞	.80	P_{t_2}	1700.30
⊕	β	-.0	M_∞	.80	P_{t_2}	1700.10

Run #479, α 6.1, Facility: AEDC 16T 10% Model

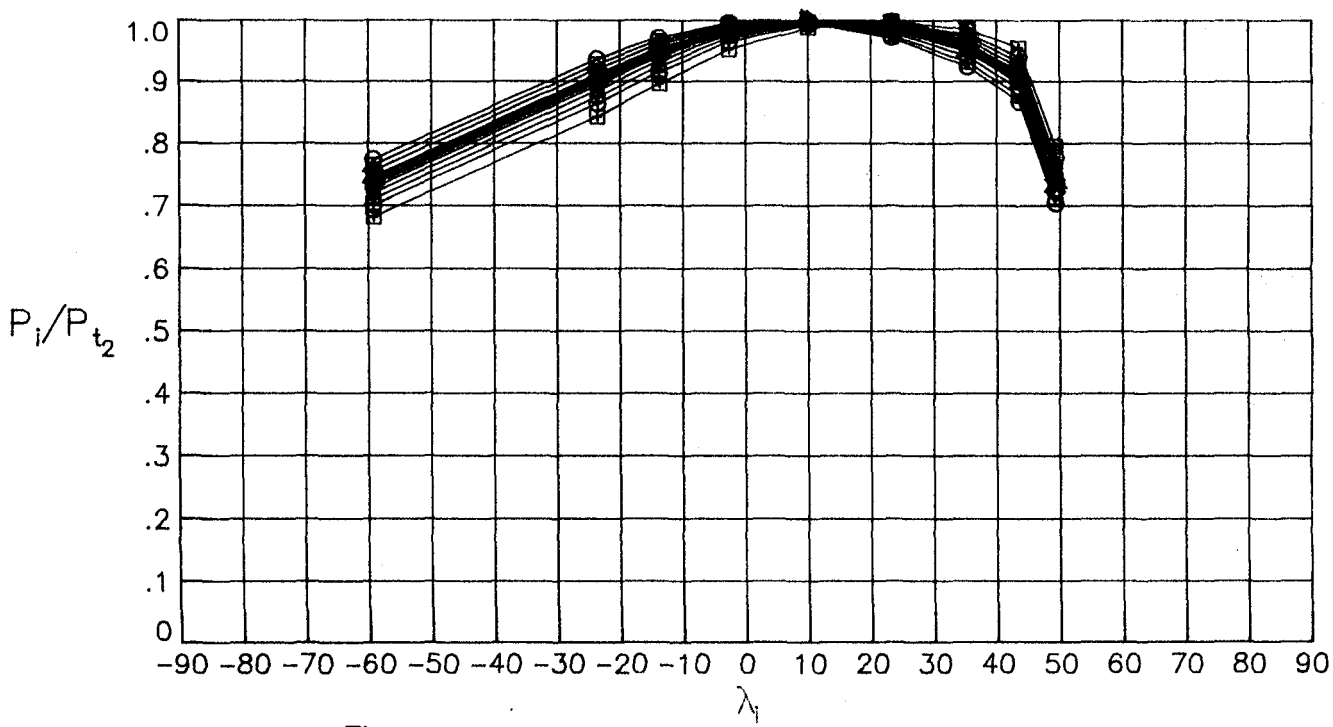

Figure 20. - Sample data, M_∞= .80, α=6., lateral sweep

○	β	-6.0	M_∞	.95 P_{t_2}	1416.60
□	β	-4.0	M_∞	.95 P_{t_2}	1415.30
◇	β	-3.0	M_∞	.95 P_{t_2}	1413.40
△	β	-2.0	M_∞	.95 P_{t_2}	1412.60
◺	β	-.9	M_∞	.95 P_{t_2}	1411.70
◺	β	-.5	M_∞	.95 P_{t_2}	1412.60
⌂	β	.0	M_∞	.95 P_{t_2}	1413.60
◇	β	.5	M_∞	.95 P_{t_2}	1414.30
◊	β	1.0	M_∞	.95 P_{t_2}	1414.50
⌂	β	1.9	M_∞	.95 P_{t_2}	1415.00
⊕	β	2.9	M_∞	.95 P_{t_2}	1415.00
⊞	β	3.9	M_∞	.95 P_{t_2}	1415.40
⊕	β	5.9	M_∞	.95 P_{t_2}	1416.00

Run #512, α 6.0, Facility: AEDC 16T 10% Model

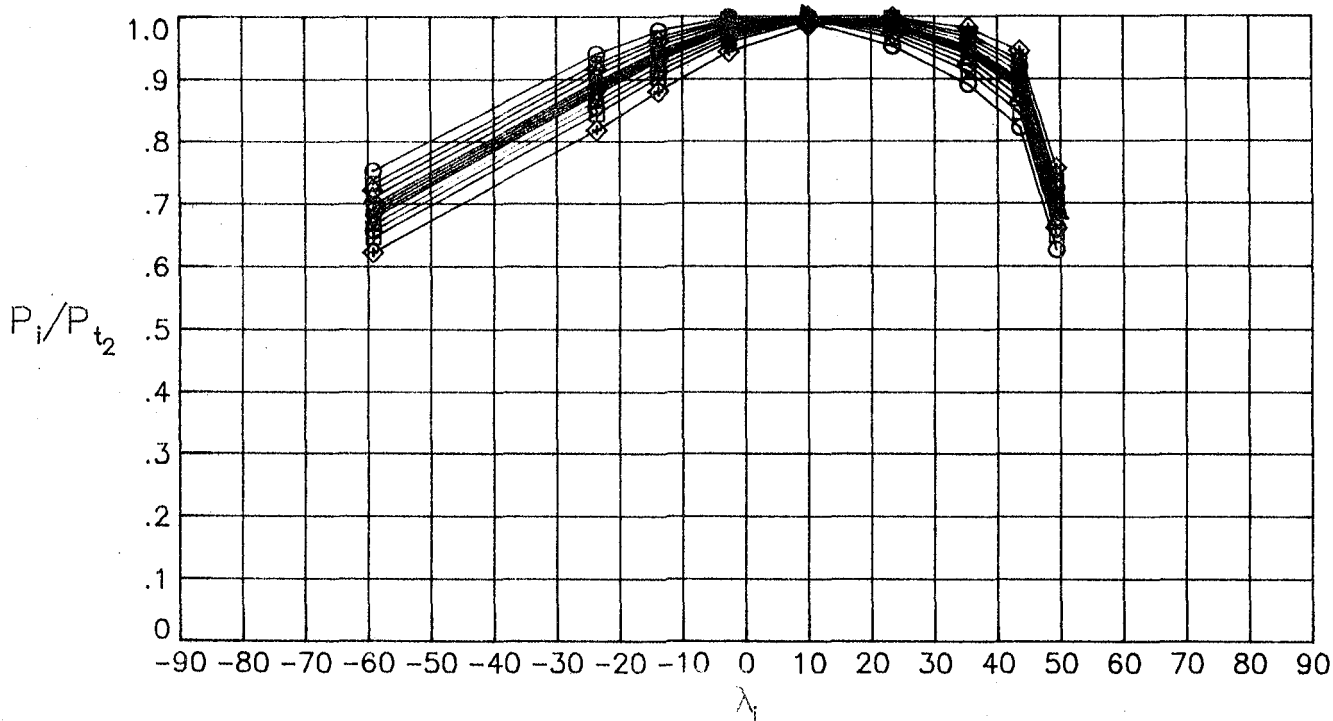

Figure 21. - Sample data, M_∞= .95, α=6., lateral sweep

○	β	-6.0	M_∞	1.10	P_{t_2}	1259.50
□	β	-4.0	M_∞	1.10	P_{t_2}	1260.37
◇	β	-3.0	M_∞	1.10	P_{t_2}	1260.73
△	β	-1.9	M_∞	1.10	P_{t_2}	1260.16
◺	β	-.9	M_∞	1.10	P_{t_2}	1259.62
◺	β	-.5	M_∞	1.10	P_{t_2}	1258.93
◺	β	.1	M_∞	1.10	P_{t_2}	1257.61
◇	β	.5	M_∞	1.10	P_{t_2}	1257.58
◇	β	1.1	M_∞	1.10	P_{t_2}	1258.48
△	β	1.9	M_∞	1.10	P_{t_2}	1259.02
⊕	β	2.9	M_∞	1.10	P_{t_2}	1259.77
⊞	β	3.9	M_∞	1.10	P_{t_2}	1260.04
◈	β	6.0	M_∞	1.10	P_{t_2}	1258.99

Run #522, α 6.0, Facility: AEDC 16T 10% Model

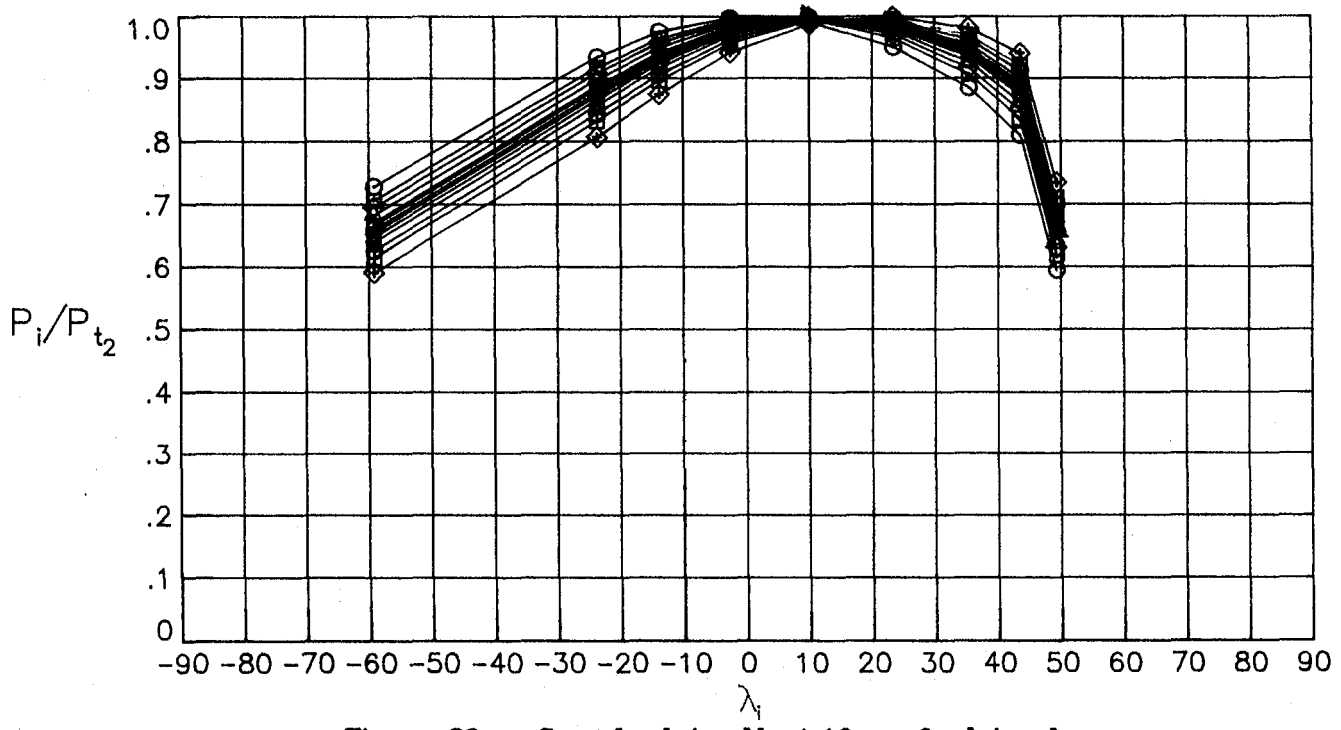

Figure 22. - Sample data, M_∞=1.10, α=6., lateral sweep

○	β	-5.9	M_∞	1.15	P_{t_2}	1225.70
□	β	-4.1	M_∞	1.15	P_{t_2}	1226.00
◇	β	-3.0	M_∞	1.15	P_{t_2}	1226.37
△	β	-2.0	M_∞	1.15	P_{t_2}	1226.37
◺	β	-.9	M_∞	1.15	P_{t_2}	1226.59
◺	β	-.5	M_∞	1.15	P_{t_2}	1225.34
◺	β	.1	M_∞	1.15	P_{t_2}	1224.81
◇	β	.5	M_∞	1.15	P_{t_2}	1223.92
◇	β	1.0	M_∞	1.15	P_{t_2}	1223.70
△	β	2.0	M_∞	1.15	P_{t_2}	1222.81
⊕	β	2.9	M_∞	1.15	P_{t_2}	1222.14
⊞	β	3.9	M_∞	1.15	P_{t_2}	1221.76
◈	β	6.0	M_∞	1.15	P_{t_2}	1222.36

Run #531, α 6.0, Facility: AEDC 16T 10% Model

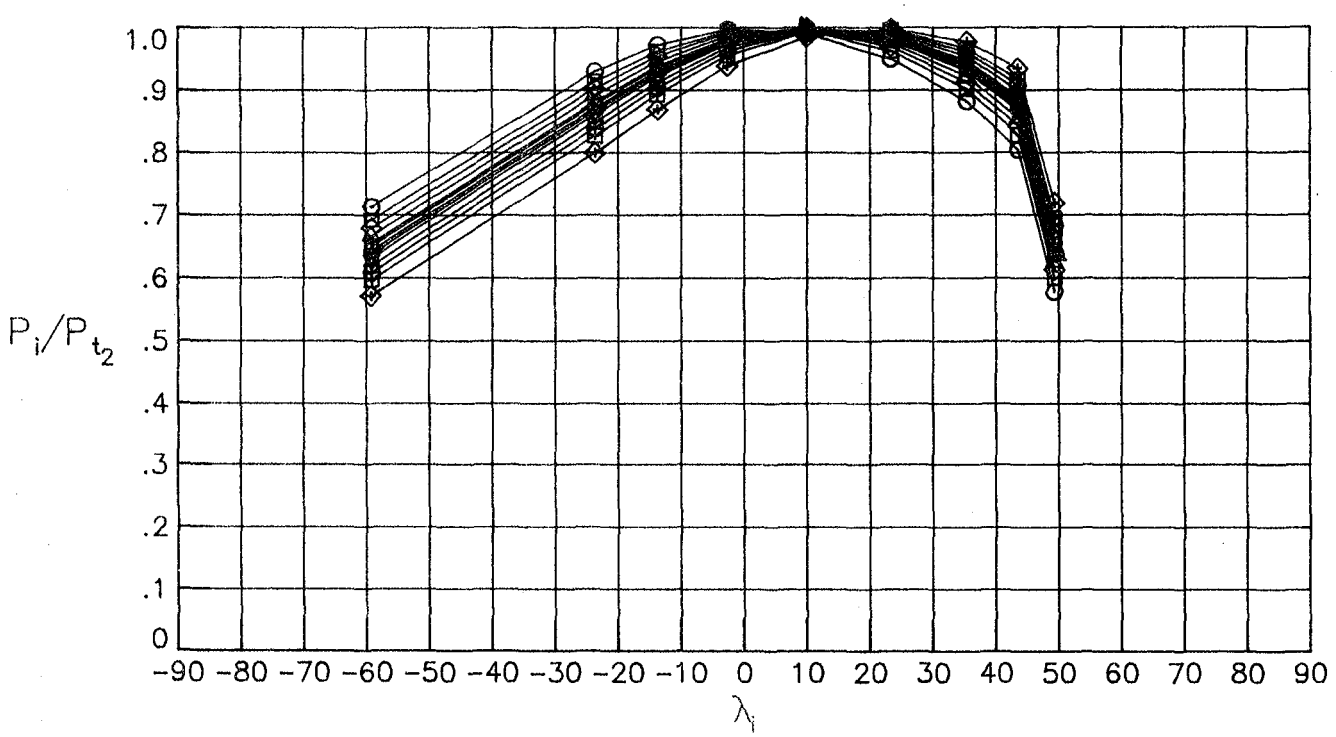

Figure 23. - Sample data, M_∞=1.15, α=6., lateral sweep

○	β	-6.0	M_∞	1.20	P_{t_2}	1194.65
□	β	-4.0	M_∞	1.20	P_{t_2}	1195.07
◇	β	-3.1	M_∞	1.20	P_{t_2}	1195.45
△	β	-2.0	M_∞	1.20	P_{t_2}	1195.17
◺	β	-1.0	M_∞	1.20	P_{t_2}	1194.93
◺	β	-.5	M_∞	1.20	P_{t_2}	1193.66
∩	β	.0	M_∞	1.20	P_{t_2}	1193.47
◇	β	.5	M_∞	1.20	P_{t_2}	1192.67
◇	β	1.0	M_∞	1.20	P_{t_2}	1192.52
△	β	1.9	M_∞	1.20	P_{t_2}	1192.01
⊕	β	2.9	M_∞	1.20	P_{t_2}	1192.29
⊞	β	3.9	M_∞	1.20	P_{t_2}	1191.16
◈	β	6.0	M_∞	1.20	P_{t_2}	1191.30

Run #560, α 6.0, Facility: AEDC 16T 10% Model

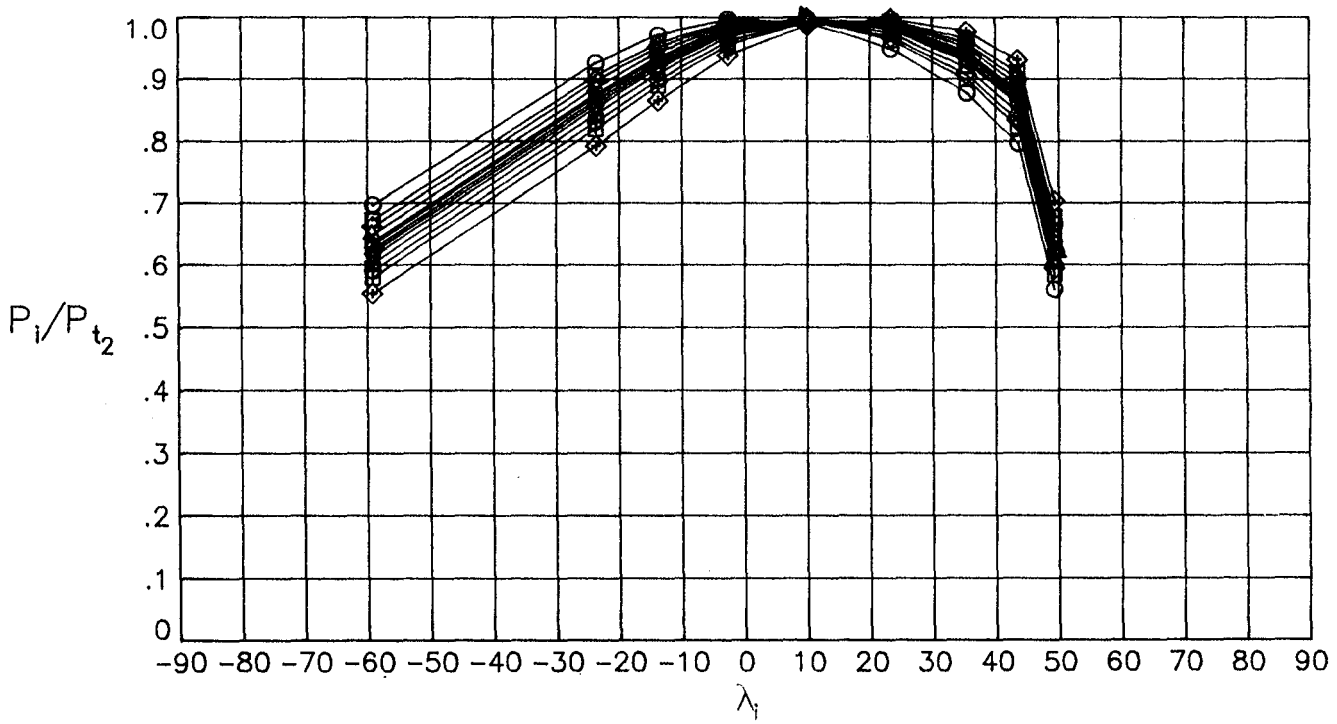

Figure 24. - Sample data, M_∞=1.20, α=6., lateral sweep

○	β	−4.0	M_∞	1.30	P_{t_2} 1149.34
□	β	−3.0	M_∞	1.30	P_{t_2} 1149.08
◇	β	−2.0	M_∞	1.30	P_{t_2} 1149.48
△	β	−1.0	M_∞	1.30	P_{t_2} 1148.68
◺	β	−.6	M_∞	1.30	P_{t_2} 1146.14
◺	β	−.0	M_∞	1.30	P_{t_2} 1146.82
◺	β	.4	M_∞	1.30	P_{t_2} 1147.88
◇	β	.9	M_∞	1.30	P_{t_2} 1148.67
◇	β	1.8	M_∞	1.30	P_{t_2} 1149.74
△	β	2.8	M_∞	1.30	P_{t_2} 1150.40
⊕	β	5.9	M_∞	1.30	P_{t_2} 1146.82
⊞	β	2.1	M_∞	1.30	P_{t_2} 1147.87
⊕	β	−2.1	M_∞	1.30	P_{t_2} 1147.75

Run #555, α 6.1, Facility: AEDC 16T 10% Model

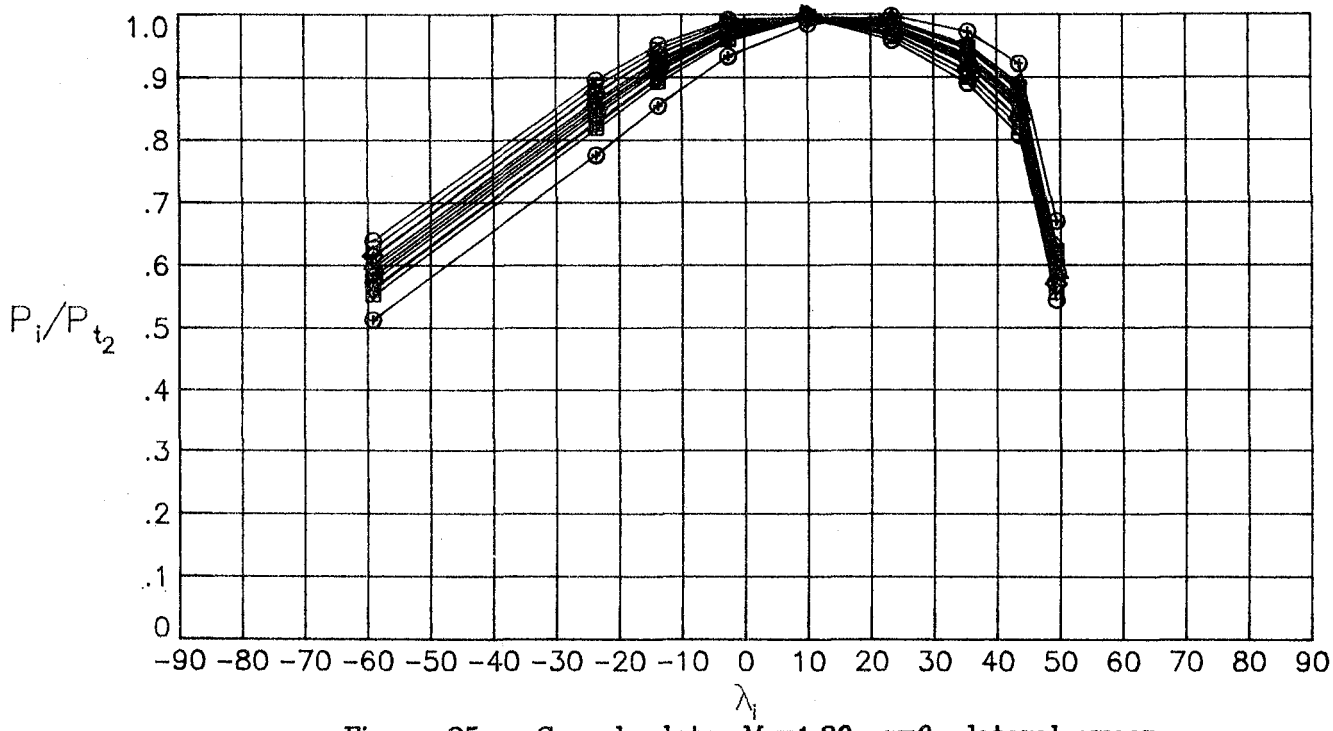

Figure 25. - Sample data, M_∞=1.30, α=6., lateral sweep

○	β	-6.0	M_∞	1.40	P_{t_2} 1109.06
□	β	-4.1	M_∞	1.40	P_{t_2} 1108.63
◇	β	-3.1	M_∞	1.40	P_{t_2} 1109.27
△	β	-2.0	M_∞	1.40	P_{t_2} 1109.48
◺	β	-1.0	M_∞	1.40	P_{t_2} 1111.05
◺	β	-.5	M_∞	1.40	P_{t_2} 1111.82
◺	β	.1	M_∞	1.40	P_{t_2} 1112.43
⬠	β	.6	M_∞	1.40	P_{t_2} 1112.55
◇	β	1.0	M_∞	1.40	P_{t_2} 1112.43
△	β	2.0	M_∞	1.40	P_{t_2} 1112.90
⊕	β	2.9	M_∞	1.40	P_{t_2} 1112.12
⊞	β	3.9	M_∞	1.40	P_{t_2} 1112.17
◈	β	6.0	M_∞	1.40	P_{t_2} 1112.29

Run #608, α 6.0, Facility: AEDC 16T 10% Model

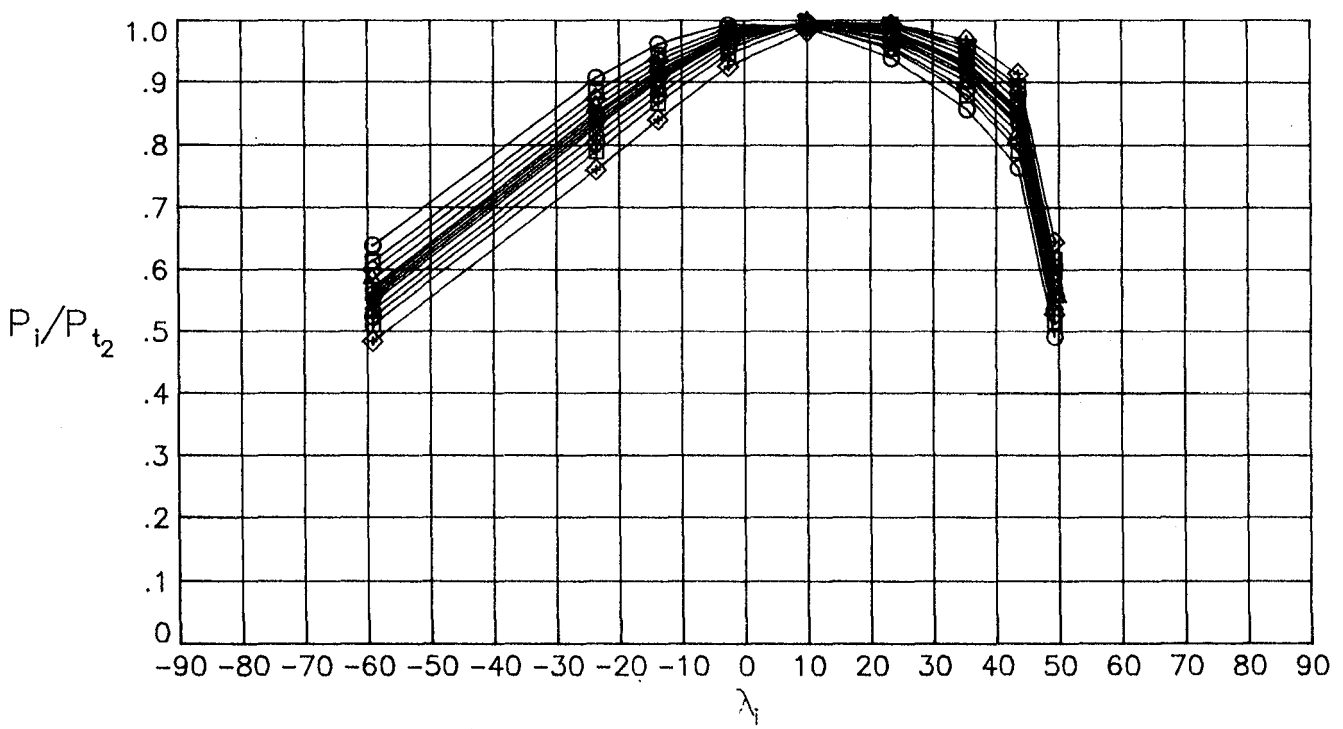

Figure 26. - Sample data, M_∞=1.40, α=6., lateral sweep

○	β	-5.9	M_∞	1.50	P_{t_2}	1085.01
□	β	-3.9	M_∞	1.50	P_{t_2}	1085.05
◇	β	-2.8	M_∞	1.50	P_{t_2}	1084.62
△	β	-1.7	M_∞	1.50	P_{t_2}	1084.91
◺	β	-.6	M_∞	1.50	P_{t_2}	1084.34
◺	β	-.1	M_∞	1.50	P_{t_2}	1083.36
◺	β	.5	M_∞	1.50	P_{t_2}	1083.24
◇	β	.9	M_∞	1.50	P_{t_2}	1082.46
◇	β	1.4	M_∞	1.50	P_{t_2}	1082.41
△	β	2.2	M_∞	1.50	P_{t_2}	1082.46
⊕	β	3.1	M_∞	1.50	P_{t_2}	1082.46
⊞	β	4.1	M_∞	1.50	P_{t_2}	1082.93
◈	β	6.1	M_∞	1.50	P_{t_2}	1083.27

Run #620, α 5.6, Facility: AEDC 16T 10% Model

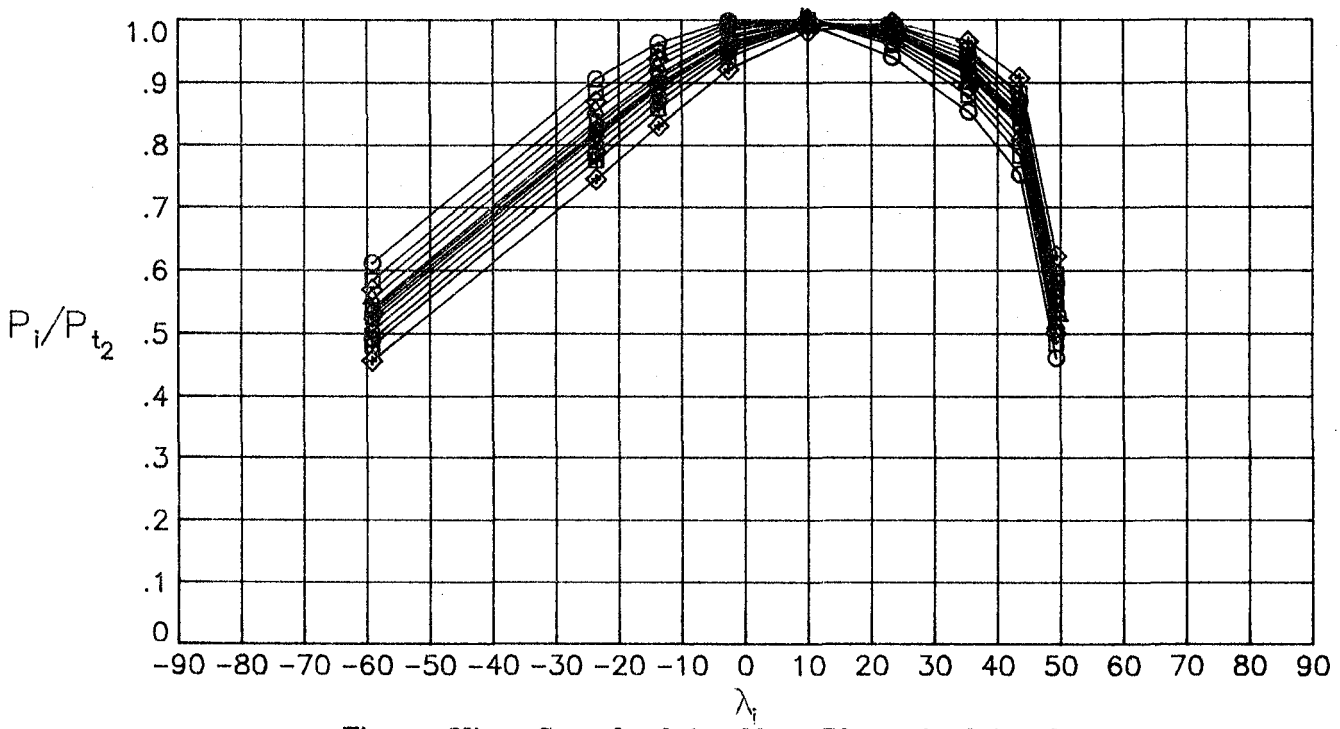

Figure 27. - Sample data, M_∞=1.50, α=6., lateral sweep

Table II: Run Schedule/Table Reference
AEDC 16T Tunnel 10% Model

α	β	ϕ	q	Side Probe	Mach Number .25	.4	.6	.8	.95	1.1	1.15	1.2	1.3	1.4	1.5
A	0	0	max	*			470 / XXIV	473 / XXXVI	482 / XLVIII	515 / LX	525 / LXXII	534 / LXXXIV	559 / XCVI	611 / CVIII	614 / CXX
A	0	0	nom	*	716 (1) / IV (2)	628 / XIV	469 / XXVI	480 / XXXVIII	513 / L	523 / LXII	532 / LXXIV	561 / LXXXVI	595 / XCVIII	609 / CX	621 / CXXII
D	0	180	nom	*	714 / V	626 / XV	467 / XXV	478 / XXXVII	511 / XLIX	520 / LXI	530 / LXXIII	541 / LXXXV	553 / XCVII	607 / CIX	619 / CXXI
6	B	0	nom	*	715 / IX	627 / XIX	466 / XXX	479 / XLII	512 / LIV	522 / LXVI	531 / LXXVIII	560 / XC	555 / CII	608 / CXIV	620 / CXXVI
A	2	0	nom	*	709 / VI	623 / XVI	588 / XXVII	475 / XXXIX	508 / LI	517 / LXIII	527 / LXXV	536 / LXXXVII	557 / XCIX	603 / CXI	616 / CXXIII
A	-2	0	nom	*	708 / VII	622 / XVII	587 / XXVIII	474 / XL	483 / LII	516 / LXIV	526 / LXXVI	535 / LXXXVIII	558 / C	604 / CXII	615 / CXXIV
E	6	0	nom	*	711 / VIII	625 / XVIII	593 / XXIX	477 / XLI	510 / LIII	519 / LXV	529 / LXXVII	538 / LXXXIX	552 / CI	606 / CXIII	618 / CXXV
10	F	0	nom	*	710 / X	624 / XX	592 / XXXI	476 / XLIII	594 / LV	518 / LXVII	528 / LXXIX	537 / XCI	551 / CIII	605 / CXV	617 / CXXVII
A	0	0	max				647 / XXXII	651 / XLIV	672 / LVI	674 / LXVIII	683 / LXXX	685 / XCII	693 / CIV	695 / CXVI	705 / CXXVIII
A	0	0	nom		666 / XI	639 / XXI	644 / XXXIII	648 / XLV	652 / LVII	675 / LXIX	679 / LXXXI	686 / XCIII	689 / CV	696 / CXVII	699 / CXXIX
A	2	0	nom		668 / XII	640 / XXII	645 / XXXIV	649 / XLVI	653 / LVIII	677 / LXX	681 / LXXXII	688 / XCIV	691 / CVI	698 / CXVIII	701 / CXXX
10	G	0	nom		667 / XIII	641 / XXIII	646 / XXXV	650 / XLVII	654 / LIX	676 / LXXI	680 / LXXXIII	687 / XCV	690 / CVII	697 / CXIX	700 / CXXXI

A α=-2,0,2,4,6,8,10,12,14,16,18
B β=-6,-4,-3,-2,-1,-.5,0,.5,1,2,3,4,6
D α=-2,0,2,4,6,8,10
E α=0,2,4,6,8,10,12,14,16
F β=-2,0,2,6
G β=0,2

(1) - Arabic Numerals = Run Numbers
(2) - Roman Numerals = Table Numbers
* = Side Probes On

Table I
0.10-Scale Model Orifice Locations

Orifice Number	X_o	Y_o	Z_o
2	27.576	-0.005	30.250
3	27.607	-4.053	32.613
4	27.590	4.104	32.602
5	27.607	-4.084	33.355
6	27.589	4.141	33.367
7	27.599	-4.041	34.101
8	27.592	4.083	34.112
9	27.585	0.018	37.969
10	29.597	-0.013	29.653
11	29.618	-4.985	32.985
12	29.589	5.026	32.978
13	29.609	-4.967	33.448
14	29.584	5.025	33.420
15	29.606	-4.943	34.328
16	29.588	4.987	34.331
17	29.197	0.000	38.808
19	33.599	-6.328	33.693
20	33.591	6.397	33.674
21	37.599	-7.453	34.055
22	37.602	7.518	34.033
23	41.610	-8.435	34.597
24	41.598	8.457	34.615
25	45.571	-9.213	35.770
26	45.519	9.225	35.731
43	29.168	-4.686	32.065
44	29.159	4.731	32.025
67	45.600	-9.238	33.500
68	45.600	9.238	33.500
85	26.710	-3.605	33.240
86	26.710	3.670	33.240
87	27.597	-3.112	31.039
88	27.592	3.077	30.987
89	39.198	-3.089	28.396
90	39.182	3.095	28.398
91	39.181	0.001	28.226
92U	26.692	0.011	37.455
92L	26.688	0.003	30.592
93	29.929	-0.003	29.572
94	26.930	0.470	30.920
95	36.740	0.590	28.720
125	38.986	-7.815	37.163
126	38.986	7.815	37.163
128	42.273	-0.176	44.418
132	62.222	0.011	27.439
201	23.610	-0.005	34.776
202	23.660	-0.005	34.327
203	23.538	0.002	33.851
204	23.620	-0.003	33.391
205	23.756	0.000	32.929
206	23.993	-0.005	32.515
207	24.337	-0.004	32.104
208	24.694	0.003	31.764
209	24.060	-1.353	33.440
210	23.619	-0.930	33.413
211	23.676	-0.481	33.389
212	23.661	0.471	33.389
213	23.789	0.921	33.413
214	24.005	1.347	33.447
215	26.867	-0.305	37.553
216	26.824	-3.632	32.709
217	26.811	3.699	32.705
218	26.822	-0.512	30.553

Table I(continued)

Orifice Number	X_o	Y_o	Z_o
219	37.615	-7.465	32.977
220	37.619	7.535	32.998
221	48.283	-9.687	34.596
222	48.292	9.711	34.585
223	49.661	-9.920	32.858
224	49.671	9.941	32.850
225	33.928	0.003	40.943
226	25.095	0.070	36.312
227	24.596	0.010	35.840
228	24.095	0.000	35.267
229	25.593	-0.005	31.142
230	34.290	-0.003	28.771
231	25.127	-2.516	33.602
232	24.379	-1.788	33.495
233	24.381	1.849	33.491
234	25.130	2.578	33.601
235	36.157	-6.820	31.016
236	36.214	-6.136	30.016
237	36.738	-4.088	28.888
238	36.612	-2.602	28.625
239	36.719	-0.498	28.472
240	49.277	-0.962	27.740
241	49.428	-8.712	29.342
242	55.333	-0.005	50.035
243	49.423	0.008	49.756
244	39.216	0.093	43.152
245	36.169	0.100	41.890
246	32.270	-5.905	34.298
247	36.758	-7.230	32.073
248	42.333	-8.577	37.124
249	42.342	8.612	37.119
250	49.233	-9.839	40.842
251	55.488	-10.515	35.326
252	25.336	0.000	31.295

Table III: Data Summary - AEDC 16' Tunnel - 10% Model

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
1	466	2	.60	6.2	-5.9	0	2529.80	499.769	1983.423	2529.800
2	466	3	.60	6.1	-3.8	0	2532.60	501.427	1984.271	2532.600
3	466	4	.60	6.1	-2.9	0	2533.00	502.438	1983.447	2533.000
4	466	5	.60	6.1	-1.9	0	2529.90	500.772	1982.302	2529.900
5	466	6	.60	6.2	-.9	0	2532.00	501.995	1982.963	2532.000
6	466	8	.60	6.2	-.5	0	2531.90	501.492	1983.474	2531.900
7	466	9	.60	6.2	.0	0	2531.50	501.731	1982.771	2531.500
8	466	10	.60	6.2	.5	0	2530.50	500.705	1982.999	2530.500
9	466	11	.60	6.1	.9	0	2532.20	501.667	1983.568	2532.200
10	466	12	.60	6.2	1.7	0	2532.20	502.333	1982.754	2532.200
11	466	13	.60	6.1	2.8	0	2530.60	500.541	1983.302	2530.600
12	466	14	.60	6.1	3.8	0	2529.70	500.350	1982.612	2529.700
13	466	15	.60	6.0	5.8	0	2530.50	500.037	1983.813	2530.500
14	467	2	.60	-2.0	.0	180	2530.40	499.534	1984.324	2530.400
15	467	3	.60	.1	.0	180	2528.30	498.561	1983.358	2528.300
16	467	4	.60	2.1	.0	180	2529.60	499.430	1983.632	2529.600
17	467	5	.60	4.1	.0	180	2529.90	500.105	1983.115	2529.900
18	467	6	.60	6.1	.0	180	2530.70	500.793	1983.096	2530.700
19	467	7	.60	8.1	.0	180	2530.40	500.702	1982.900	2530.400
20	467	8	.60	10.2	.0	180	2530.80	500.879	1983.094	2530.800
21	469	1	.60	-1.8	-.0	0	2534.10	501.800	1985.353	2534.100
22	469	2	.60	.2	-.0	0	2531.20	499.805	1984.813	2531.200
23	469	3	.60	2.2	-.0	0	2532.00	501.578	1983.471	2532.000
24	469	4	.60	4.2	-.0	0	2533.90	502.461	1984.341	2533.900
25	469	5	.60	6.2	-.0	0	2533.00	501.688	1984.363	2533.000
26	469	6	.60	8.2	-.0	0	2532.30	501.919	1983.362	2532.300
27	469	7	.60	10.2	-.0	0	2533.30	502.779	1983.338	2533.300
28	469	8	.60	12.1	-.0	0	2531.00	500.384	1983.903	2531.000
29	469	9	.60	14.2	-.0	0	2530.70	500.626	1983.300	2530.700
30	469	10	.60	16.2	-.1	0	2529.30	498.754	1984.147	2529.300
31	469	11	.60	18.2	-.1	0	2529.40	497.671	1985.570	2529.400
32	470	2	.60	-1.8	.0	0	2714.20	532.992	2131.903	2714.200
33	470	3	.60	.2	-.0	0	2713.70	534.400	2129.676	2713.700
34	470	4	.60	2.2	-.1	0	2714.60	536.177	2128.432	2714.600
35	470	5	.60	4.2	-.1	0	2711.40	533.921	2127.902	2711.400
36	470	6	.60	6.2	-.0	0	2711.70	536.267	2125.350	2711.700
37	470	7	.60	8.2	-.0	0	2712.00	535.357	2126.767	2712.000
38	470	8	.60	10.1	-.0	0	2712.10	535.360	2126.867	2712.100
39	470	9	.60	12.2	-.0	0	2713.00	535.300	2127.862	2713.000
40	470	10	.60	14.2	-.0	0	2712.00	533.937	2128.498	2712.000
41	470	11	.60	16.2	-.1	0	2712.40	533.363	2129.607	2712.400
42	470	12	.60	18.2	-.1	0	2711.90	531.677	2131.147	2711.900
43	470	13	.60	10.2	-.0	0	2711.70	538.935	2122.093	2711.700
44	473	2	.80	-1.9	-.0	0	2200.60	643.434	1448.509	2200.600
45	473	3	.80	.1	-.0	0	2199.50	645.972	1443.590	2199.500
46	473	4	.80	2.1	-.0	0	2202.00	648.533	1442.543	2202.000
47	473	5	.80	4.1	-.0	0	2202.10	650.316	1440.023	2202.100
48	473	6	.80	6.2	-.0	0	2203.20	651.412	1439.603	2203.200
49	473	7	.80	8.1	-.0	0	2203.00	649.488	1442.225	2203.000
50	473	8	.80	10.1	-.0	0	2202.30	648.553	1442.840	2202.300
51	473	9	.80	12.0	-.0	0	2200.50	646.791	1443.473	2200.500
52	473	10	.80	14.1	-.0	0	2199.50	645.561	1444.194	2199.500
53	473	11	.80	16.1	-.0	0	2198.70	643.311	1446.625	2198.700
54	473	12	.80	18.1	-.0	0	2197.30	641.087	1448.360	2197.300
55	473	13	.80	10.0	-.0	0	2203.50	650.204	1441.713	2203.500
56	474	2	.80	-1.9	-2.0	0	1700.50	499.538	1115.910	1700.500
57	474	3	.80	.1	-2.0	0	1701.90	500.383	1116.191	1701.900
58	474	4	.80	2.1	-2.0	0	1701.70	500.232	1116.195	1701.700
59	474	5	.80	4.2	-2.0	0	1700.30	499.662	1115.510	1700.300
60	474	6	.80	6.1	-2.0	0	1702.30	500.545	1116.387	1702.300
61	474	7	.80	8.0	-1.9	0	1701.10	500.125	1115.699	1701.100
62	474	8	.80	9.9	-1.9	0	1702.60	500.222	1117.189	1702.600

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
63	474	9	.80	11.8	-1.9	0	1700.80	499.900	1115.704	1700.800
64	474	10	.80	13.8	-1.9	0	1699.20	498.905	1115.426	1699.200
65	474	11	.80	15.9	-1.9	0	1698.90	499.434	1114.321	1698.900
66	474	12	.80	17.9	-2.0	0	1699.00	499.098	1114.925	1699.000
67	475	2	.80	-2.0	2.0	0	1700.70	499.619	1116.008	1700.700
68	475	3	.80	-.0	2.0	0	1700.90	499.838	1115.904	1700.900
69	475	4	.80	1.9	2.0	0	1701.40	499.802	1116.502	1701.400
70	475	5	.80	3.9	2.0	0	1701.60	500.295	1115.994	1701.600
71	475	6	.80	5.9	2.0	0	1701.60	500.089	1116.297	1701.600
72	475	7	.80	8.0	2.1	0	1700.90	499.906	1115.803	1700.900
73	475	8	.80	10.0	2.0	0	1699.50	499.473	1114.917	1699.500
74	475	9	.80	12.2	2.1	0	1699.90	499.499	1115.314	1699.900
75	475	10	.80	14.2	2.0	0	1699.50	499.199	1115.321	1699.500
76	475	11	.80	16.2	2.0	0	1701.00	499.707	1116.205	1701.000
77	475	12	.80	18.1	2.0	0	1701.90	500.314	1116.292	1701.900
78	476	2	.80	10.1	-.0	0	1701.20	499.994	1116.000	1701.200
79	476	3	.80	10.2	2.0	0	1701.00	500.050	1115.701	1701.000
80	476	4	.80	10.0	6.0	0	1702.30	500.203	1116.891	1702.300
81	476	5	.80	9.9	-1.9	0	1700.20	499.518	1115.612	1700.200
82	477	2	.80	-.0	6.0	0	1700.60	499.956	1115.405	1700.600
83	477	3	.80	1.9	6.1	0	1701.80	500.033	1116.596	1701.800
84	477	4	.80	4.0	6.0	0	1701.80	500.033	1116.596	1701.800
85	477	5	.80	6.0	6.1	0	1702.10	500.121	1116.793	1702.100
86	477	6	.80	8.0	6.1	0	1702.20	500.265	1116.691	1702.200
87	477	7	.80	10.0	6.1	0	1703.20	500.329	1117.684	1703.200
88	477	8	.80	12.1	6.1	0	1704.70	500.838	1118.569	1704.700
89	477	9	.80	14.1	6.1	0	1694.50	497.161	1112.876	1694.500
90	477	10	.80	16.1	6.1	0	1699.80	499.835	1114.711	1699.800
91	478	2	.80	-2.0	.0	180	1698.80	499.222	1114.524	1698.800
92	478	3	.80	.0	-.0	180	1701.40	499.596	1116.804	1701.400
93	478	4	.80	2.1	-.0	180	1700.50	499.675	1115.709	1700.500
94	478	5	.80	4.2	-.0	180	1702.70	500.297	1117.188	1702.700
95	478	6	.80	6.1	-.0	180	1703.40	501.302	1116.471	1703.400
96	478	7	.80	8.2	-.0	180	1700.50	499.743	1115.608	1700.500
97	478	8	.80	10.3	-.0	180	1701.10	499.782	1116.204	1701.100
98	479	3	.80	6.1	-3.9	0	1700.00	499.574	1115.313	1700.000
99	479	4	.80	6.0	-3.0	0	1701.70	500.232	1116.195	1701.700
100	479	5	.80	6.0	-1.9	0	1701.60	500.157	1116.196	1701.600
101	479	6	.80	6.0	-.9	0	1700.30	499.662	1115.510	1700.300
102	479	7	.80	6.1	-.5	0	1700.30	499.731	1115.409	1700.300
103	479	8	.80	6.1	.1	0	1701.50	499.945	1116.399	1701.500
104	479	9	.80	6.1	.5	0	1701.20	499.651	1116.505	1701.200
105	479	10	.80	6.0	1.0	0	1700.30	499.319	1116.014	1700.300
106	479	11	.80	6.1	1.9	0	1699.40	499.192	1115.221	1699.400
107	479	12	.80	6.1	2.9	0	1700.90	500.112	1115.501	1700.900
108	479	13	.80	6.0	3.9	0	1702.20	500.196	1116.792	1702.200
109	479	14	.80	6.0	5.9	0	1700.30	499.456	1115.813	1700.300
110	480	3	.80	-1.9	-.0	0	1703.90	500.923	1117.573	1703.900
111	480	4	.80	.1	-.0	0	1699.60	499.205	1115.420	1699.600
112	480	5	.80	2.1	-.0	0	1701.30	500.207	1115.797	1701.300
113	480	6	.80	4.1	-.0	0	1702.70	500.297	1117.188	1702.700
114	480	7	.80	6.1	-.0	0	1700.10	499.855	1115.009	1700.100
115	480	8	.80	8.1	-.0	0	1701.20	499.651	1116.505	1701.200
116	480	9	.80	10.2	-.0	0	1700.90	499.701	1116.106	1700.900
117	480	10	.80	12.1	-.0	0	1702.10	500.396	1116.390	1702.100
118	480	11	.80	14.1	-.0	0	1701.80	500.170	1116.395	1701.800
119	480	12	.80	16.1	-.0	0	1700.80	499.763	1115.906	1700.800
120	480	13	.80	18.1	-.0	0	1700.40	499.394	1116.013	1700.400
121	482	3	.95	-1.9	-.1	0	1940.30	686.594	1084.031	1940.300
122	482	4	.95	.1	-.0	0	1940.60	686.683	1084.228	1940.600
123	482	5	.95	2.0	-.0	0	1941.00	686.730	1084.625	1941.000
124	482	6	.95	4.0	-.0	0	1941.60	687.075	1084.718	1941.600

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
125	482	7	.95	6.0	-.0	0	1940.40	686.221	1084.832	1940.400
126	482	8	.95	8.1	-.0	0	1939.50	686.335	1083.539	1939.500
127	482	9	.95	10.2	-.0	0	1940.30	686.539	1084.131	1940.300
128	482	10	.95	12.0	-.0	0	1940.60	685.639	1086.133	1940.600
129	482	11	.95	14.1	-.0	0	1940.80	686.212	1085.329	1940.800
130	482	12	.95	16.1	-.1	0	1941.10	686.028	1086.027	1941.100
131	482	13	.95	18.1	-.0	0	1940.00	686.503	1083.834	1940.000
132	482	14	.95	10.1	-.0	0	1940.50	685.627	1086.034	1940.500
133	483	2	.95	-1.9	-2.0	0	1416.40	500.798	792.078	1416.400
134	483	3	.95	.1	-2.0	0	1413.60	499.206	791.608	1413.600
135	483	4	.95	2.2	-2.0	0	1414.00	499.528	791.503	1414.000
136	483	5	.95	4.1	-2.0	0	1413.30	499.558	790.607	1413.300
137	483	6	.95	6.0	-2.0	0	1415.90	500.299	792.385	1415.900
138	483	7	.95	8.0	-2.0	0	1413.00	499.468	790.409	1413.000
139	483	8	.95	9.9	-1.9	0	1414.00	499.418	791.704	1414.000
140	483	9	.95	11.9	-1.9	0	1413.80	500.056	790.300	1413.800
141	483	10	.95	13.9	-2.0	0	1415.10	499.821	792.293	1415.100
142	483	11	.95	15.9	-1.9	0	1413.70	499.494	791.205	1413.700
143	483	12	.95	17.8	-2.0	0	1413.90	499.627	791.203	1413.900
144	508	2	.95	-2.0	2.1	0	1414.20	499.937	790.998	1414.200
145	508	3	.95	-.0	2.0	0	1412.80	499.169	790.713	1412.800
146	508	4	.95	1.9	2.0	0	1414.00	499.749	791.101	1414.000
147	508	5	.95	3.9	2.0	0	1413.90	499.682	791.102	1413.900
148	508	6	.95	5.9	2.0	0	1413.30	499.282	791.109	1413.300
149	508	7	.95	8.0	2.0	0	1414.80	500.062	791.493	1414.800
150	508	8	.95	10.0	2.1	0	1413.60	499.647	790.804	1413.600
151	508	9	.95	12.2	2.1	0	1412.90	499.346	790.511	1412.900
152	508	10	.95	14.1	2.1	0	1413.20	499.381	790.809	1413.200
153	508	11	.95	16.1	2.0	0	1412.10	498.813	790.520	1412.100
154	508	12	.95	18.1	2.0	0	1412.90	499.291	790.612	1412.900
155	510	2	.95	-.0	6.0	0	1414.30	499.673	791.600	1414.300
156	510	3	.95	2.0	6.1	0	1414.90	500.018	791.693	1414.900
157	510	4	.95	4.0	6.0	0	1415.00	500.305	791.290	1415.000
158	510	5	.95	6.0	6.0	0	1414.30	499.508	791.901	1414.300
159	510	6	.95	8.0	6.1	0	1414.30	499.783	791.399	1414.300
160	510	7	.95	10.0	6.1	0	1413.90	499.682	791.102	1413.900
161	510	8	.95	12.1	6.1	0	1412.90	499.511	790.210	1412.900
162	510	9	.95	14.1	6.0	0	1412.00	498.911	790.220	1412.000
163	510	10	.95	16.1	6.0	0	1411.70	498.932	789.822	1411.700
164	511	2	.95	-2.0	.0	180	1412.80	499.334	790.412	1412.800
165	511	3	.95	.0	.0	180	1412.20	499.045	790.218	1412.200
166	511	4	.95	2.0	.0	180	1414.50	500.027	791.196	1414.500
167	511	5	.95	4.0	.0	180	1415.30	500.340	791.588	1415.300
168	511	6	.95	6.0	.0	180	1414.90	500.018	791.693	1414.900
169	511	7	.95	8.0	.0	180	1414.20	499.827	791.199	1414.200
170	511	8	.95	10.0	.0	180	1413.50	499.470	791.006	1413.500
171	512	2	.95	6.0	-6.0	0	1416.60	500.656	792.577	1416.600
172	512	3	.95	6.0	-4.0	0	1415.30	500.064	792.090	1415.300
173	512	4	.95	6.0	-3.0	0	1413.40	499.514	790.807	1413.400
174	512	5	.95	6.0	-2.0	0	1412.60	499.201	790.414	1412.600
175	512	6	.95	6.0	-.9	0	1411.70	498.711	790.224	1411.700
176	512	7	.95	6.0	-.5	0	1412.60	499.091	790.615	1412.600
177	512	8	.95	6.1	.0	0	1413.60	499.592	790.905	1413.600
178	512	9	.95	6.1	.5	0	1414.30	499.949	791.097	1414.300
179	512	10	.95	6.1	1.0	0	1414.50	500.027	791.196	1414.500
180	512	11	.95	6.1	1.9	0	1415.00	500.140	791.592	1415.000
181	512	12	.95	6.1	2.9	0	1415.00	500.250	791.391	1415.000
182	512	13	.95	6.0	3.9	0	1415.40	500.131	792.089	1415.400
183	512	14	.95	6.0	5.9	0	1416.00	500.256	792.584	1416.000
184	513	2	.95	-2.0	-.1	0	1415.00	500.085	791.692	1415.000
185	513	3	.95	.1	-.0	0	1414.70	500.050	791.394	1414.700
186	513	4	.95	2.1	-.0	0	1412.60	499.366	790.113	1412.600

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
187	513	5	.95	4.1	-.0	0	1413.20	499.711	790.206	1413.200
188	513	6	.95	6.1	-.0	0	1413.70	499.714	790.803	1413.700
189	513	7	.95	8.0	-.0	0	1413.60	499.482	791.105	1413.600
190	513	8	.95	10.0	-.0	0	1413.10	499.424	790.609	1413.100
191	513	9	.95	12.1	-.0	0	1413.30	499.448	790.808	1413.300
192	513	10	.95	14.0	-.1	0	1412.70	499.268	790.413	1412.700
193	513	11	.95	16.1	-.0	0	1412.50	499.245	790.214	1412.500
194	513	12	.95	18.1	-.0	0	1411.80	498.943	789.921	1411.800
195	515	2	1.10	-1.9	.1	0	1713.30	679.728	802.256	1711.504
196	515	3	1.10	.0	.0	0	1712.70	679.732	801.363	1710.840
197	515	4	1.10	2.1	.0	0	1712.70	679.496	801.961	1710.874
198	515	5	1.10	4.0	-.0	0	1712.00	679.362	801.269	1710.225
199	515	6	1.10	6.0	.0	0	1711.70	679.226	801.172	1709.811
200	515	7	1.10	8.1	-.0	0	1712.50	679.615	801.365	1710.637
201	515	8	1.10	10.0	.0	0	1712.70	679.692	801.463	1710.846
202	515	9	1.10	12.0	.0	0	1713.50	679.727	802.553	1711.723
203	515	10	1.10	14.1	.0	0	1712.90	679.848	801.362	1711.045
204	515	11	1.10	16.1	-.0	0	1712.70	679.299	802.460	1710.904
205	515	12	1.10	18.0	-.0	0	1712.30	679.458	801.466	1710.439
206	515	13	1.10	10.0	.0	0	1716.70	681.087	803.824	1714.849
207	516	2	1.10	-1.9	-2.0	0	1260.50	499.868	590.784	1259.138
208	516	3	1.10	.0	-2.0	0	1261.00	500.081	590.980	1259.708
209	516	4	1.10	2.1	-2.0	0	1261.40	500.355	590.877	1260.098
210	516	5	1.10	4.0	-2.0	0	1260.00	499.694	590.489	1258.661
211	516	6	1.10	6.0	-2.0	0	1260.40	499.928	590.485	1259.110
212	516	7	1.10	8.0	-1.9	0	1260.90	500.062	590.881	1259.497
213	516	8	1.10	10.0	-2.0	0	1261.00	500.200	590.680	1259.678
214	516	9	1.10	11.9	-1.9	0	1260.10	499.831	590.288	1258.690
215	516	10	1.10	14.0	-2.0	0	1259.10	499.562	589.497	1257.764
216	516	11	1.10	15.9	-2.0	0	1258.30	499.133	589.404	1256.957
217	516	12	1.10	17.9	-2.0	0	1258.30	499.291	589.004	1256.864
218	517	2	1.10	-2.0	2.0	0	1261.50	500.453	590.776	1260.187
219	517	3	1.10	-.0	2.0	0	1261.00	500.239	590.581	1259.619
220	517	4	1.10	2.0	2.0	0	1260.20	499.811	590.487	1258.809
221	517	5	1.10	3.9	2.0	0	1259.80	499.695	590.190	1258.481
222	517	6	1.10	5.9	1.9	0	1259.00	499.385	589.797	1257.643
223	517	7	1.10	8.0	2.1	0	1261.70	500.491	590.974	1260.305
224	517	8	1.10	9.9	2.0	0	1262.10	500.646	591.171	1260.725
225	517	9	1.10	12.0	2.0	0	1261.50	500.255	591.275	1260.184
226	517	10	1.10	14.1	2.0	0	1260.50	499.986	590.485	1259.110
227	517	11	1.10	16.0	2.0	0	1259.10	499.404	589.896	1257.702
228	517	12	1.10	18.0	2.0	0	1259.60	499.657	589.992	1258.211
229	518	2	1.10	10.1	-.0	0	1262.40	500.703	591.468	1261.053
230	518	3	1.10	10.1	2.0	0	1261.80	500.667	590.674	1260.427
231	518	4	1.10	10.0	6.0	0	1260.30	500.027	590.087	1258.870
232	518	5	1.10	9.9	-1.9	0	1259.70	499.755	589.892	1258.302
233	519	2	1.10	-.0	6.0	0	1259.70	499.597	590.291	1258.392
234	519	3	1.10	2.0	6.0	0	1261.80	500.431	591.273	1260.485
235	519	4	1.10	4.0	6.0	0	1263.40	501.051	592.059	1262.008
236	519	5	1.10	6.0	6.0	0	1264.10	501.381	592.254	1262.729
237	519	6	1.10	8.0	6.1	0	1262.40	500.624	591.668	1261.022
238	519	7	1.10	10.0	6.1	0	1260.00	499.812	590.189	1258.631
239	519	8	1.10	12.0	6.1	0	1259.10	499.404	589.896	1257.702
240	519	9	1.10	14.1	6.1	0	1259.20	499.581	589.596	1257.823
241	519	10	1.10	16.1	6.0	0	1259.30	499.521	589.895	1258.004
242	520	2	1.10	-2.1	-.0	180	1261.30	500.296	590.878	1259.948
243	520	3	1.10	-.0	-.0	180	1259.40	499.619	589.794	1258.093
244	520	4	1.10	2.0	-.0	180	1258.00	499.076	589.106	1256.625
245	520	5	1.10	4.0	-.0	180	1260.60	500.163	590.184	1259.229
246	520	6	1.10	6.1	-.0	180	1262.50	500.958	590.968	1261.055
247	520	7	1.10	7.9	-.0	180	1262.00	500.508	591.371	1260.694
248	520	8	1.10	9.9	-.0	180	1259.10	499.562	589.497	1257.764

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
249	522	2	1.10	6.0	-6.0	0	1260.80	500.201	590.383	1259.502
250	522	3	1.10	6.0	-4.0	0	1261.70	500.451	591.074	1260.366
251	522	4	1.10	6.0	-3.0	0	1262.10	500.646	591.171	1260.725
252	522	5	1.10	6.0	-1.9	0	1261.60	500.629	590.476	1260.157
253	522	6	1.10	6.0	-.9	0	1260.90	500.181	590.581	1259.619
254	522	7	1.10	6.1	-.5	0	1260.30	499.988	590.187	1258.931
255	522	8	1.10	6.1	.1	0	1259.00	499.306	589.997	1257.613
256	522	9	1.10	6.1	.5	0	1258.90	499.366	589.698	1257.584
257	522	10	1.10	6.0	1.1	0	1259.80	499.892	589.691	1258.482
258	522	11	1.10	6.1	1.9	0	1260.40	500.085	590.086	1259.020
259	522	12	1.10	6.1	2.9	0	1261.10	500.298	590.580	1259.769
260	522	13	1.10	6.0	3.9	0	1261.40	500.394	590.777	1260.037
261	522	14	1.10	6.0	6.0	0	1260.40	500.007	590.286	1258.990
262	523	2	1.10	-1.9	-.0	0	1259.60	499.578	590.192	1258.333
263	523	3	1.10	.1	.0	0	1260.00	499.891	589.989	1258.661
264	523	4	1.10	2.0	.0	0	1260.00	499.812	590.189	1258.631
265	523	5	1.10	4.0	-.0	0	1260.30	499.909	590.386	1258.899
266	523	6	1.10	6.0	.0	0	1260.20	499.929	590.188	1258.781
267	523	7	1.10	8.0	-.0	0	1260.40	500.046	590.186	1259.081
268	523	8	1.10	10.1	.0	0	1260.60	500.045	590.484	1259.260
269	523	9	1.10	12.0	.0	0	1260.00	499.733	590.389	1258.600
270	523	10	1.10	14.1	-.0	0	1259.30	499.561	589.795	1257.943
271	523	11	1.10	16.1	.0	0	1258.30	499.212	589.204	1256.986
272	523	12	1.10	18.1	-.0	0	1258.40	499.231	589.303	1257.045
273	525	2	1.15	-1.9	.0	0	1622.10	660.632	712.978	1616.648
274	525	3	1.15	.0	-.0	0	1619.80	659.651	712.098	1614.456
275	525	4	1.15	2.1	-.0	0	1618.90	659.384	711.407	1613.477
276	525	5	1.15	4.1	-.0	0	1619.10	659.462	711.506	1613.701
277	525	6	1.15	6.0	-.0	0	1620.60	660.266	711.595	1615.078
278	525	7	1.15	8.0	-.0	0	1621.20	660.231	712.686	1615.790
279	525	8	1.15	10.1	-.0	0	1620.90	660.231	712.190	1615.448
280	525	9	1.15	12.0	-.0	0	1620.70	659.817	713.087	1615.327
281	525	10	1.15	14.1	-.0	0	1620.20	660.009	711.698	1614.724
282	525	11	1.15	16.1	-.0	0	1619.60	659.540	712.099	1614.263
283	525	12	1.15	18.0	-.0	0	1598.60	650.542	704.179	1593.408
284	526	2	1.15	-1.9	-2.0	0	1226.80	499.519	539.581	1222.736
285	526	3	1.15	-.0	-2.0	0	1228.30	500.019	540.567	1224.227
286	526	4	1.15	2.0	-2.1	0	1227.50	499.741	540.074	1223.408
287	526	5	1.15	4.1	-2.0	0	1227.30	499.663	539.976	1223.186
288	526	6	1.15	6.0	-2.0	0	1228.20	500.098	540.169	1224.068
289	526	7	1.15	8.0	-2.0	0	1230.20	500.776	541.450	1226.227
290	526	8	1.15	10.0	-1.9	0	1229.40	500.532	540.858	1225.332
291	526	9	1.15	12.0	-1.9	0	1228.50	500.198	540.366	1224.366
292	526	10	1.15	13.9	-1.9	0	1227.30	499.697	539.876	1223.256
293	526	11	1.15	15.9	-1.9	0	1226.80	499.316	540.178	1222.753
294	526	12	1.15	17.9	-2.0	0	1227.30	499.764	539.677	1223.250
295	527	2	1.15	-2.0	2.0	0	1226.30	499.240	539.584	1222.298
296	527	3	1.15	-.0	2.0	0	1228.20	499.997	540.468	1224.152
297	527	4	1.15	2.0	2.0	0	1230.30	500.866	541.350	1226.298
298	527	5	1.15	4.0	2.0	0	1230.70	501.056	541.447	1226.667
299	527	6	1.15	5.9	2.0	0	1230.50	501.113	540.951	1226.435
300	527	7	1.15	8.0	2.1	0	1228.40	500.244	540.068	1224.284
301	527	8	1.15	10.0	2.0	0	1226.70	499.429	539.681	1222.666
302	527	9	1.15	12.1	2.1	0	1226.80	499.553	539.481	1222.657
303	527	10	1.15	14.1	2.0	0	1226.70	499.294	540.079	1222.677
304	527	11	1.15	16.1	2.0	0	1227.30	499.596	540.175	1223.340
305	527	12	1.15	18.1	2.0	0	1227.30	499.562	540.274	1223.267
306	528	2	1.15	10.0	-.0	0	1232.00	501.714	541.638	1227.844
307	528	3	1.15	10.0	2.0	0	1229.80	500.688	541.055	1225.779
308	528	4	1.15	10.0	5.9	0	1226.30	499.375	539.186	1222.285
309	528	5	1.15	10.0	-2.0	0	1228.70	500.276	540.464	1224.588
310	529	2	1.15	.0	6.0	0	1230.20	500.844	541.251	1226.074

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
311	529	3	1.15	2.0	6.0	0	1231.60	501.491	541.641	1227.553
312	529	4	1.15	4.0	6.0	0	1232.90	502.014	542.230	1228.887
313	529	5	1.15	6.0	6.0	0	1229.80	500.688	541.055	1225.779
314	529	6	1.15	8.0	6.1	0	1226.20	499.218	539.485	1222.222
315	529	7	1.15	10.0	6.1	0	1227.20	499.675	539.777	1223.180
316	529	8	1.15	12.0	6.0	0	1229.40	500.499	540.958	1225.410
317	529	9	1.15	14.1	6.0	0	1230.50	500.843	541.747	1226.454
318	529	10	1.15	16.1	6.0	0	1231.90	501.456	542.236	1227.858
319	530	2	1.15	-2.1	0.0	180	1228.60	500.220	540.465	1224.590
320	530	3	1.15	.0	.0	180	1230.00	500.867	540.854	1225.918
321	530	4	1.15	2.1	.0	180	1230.30	500.866	541.350	1226.298
322	530	5	1.15	3.9	.0	180	1228.00	499.953	540.270	1224.000
323	530	6	1.15	6.0	.0	180	1227.10	499.552	539.977	1223.040
324	530	7	1.15	8.1	.0	180	1227.40	499.753	539.875	1223.402
325	530	8	1.15	9.9	.0	180	1228.70	500.310	540.365	1224.661
326	531	2	1.15	6.0	-5.9	0	1229.80	500.722	540.955	1225.701
327	531	3	1.15	6.0	-4.1	0	1230.00	500.833	540.954	1225.996
328	531	4	1.15	6.0	-3.0	0	1230.40	500.888	541.449	1226.374
329	531	5	1.15	6.0	-2.0	0	1230.40	500.956	541.250	1226.369
330	531	6	1.15	6.0	-.9	0	1230.60	501.101	541.149	1226.586
331	531	7	1.15	6.0	-.5	0	1229.40	500.465	541.057	1225.337
332	531	8	1.15	6.0	.1	0	1228.80	500.298	540.563	1224.812
333	531	9	1.15	6.1	.5	0	1228.00	499.987	540.170	1223.922
334	531	10	1.15	6.1	1.0	0	1227.70	499.853	540.073	1223.702
335	531	11	1.15	6.0	2.0	0	1226.90	499.541	539.679	1222.809
336	531	12	1.15	6.0	2.9	0	1226.20	499.251	539.385	1222.143
337	531	13	1.15	6.0	3.9	0	1225.90	499.252	538.889	1221.760
338	531	14	1.15	6.0	6.0	0	1226.50	499.453	539.284	1222.359
339	532	2	1.15	-1.9	-.1	0	1229.10	500.432	540.661	1225.034
340	532	3	1.15	.1	-.0	0	1227.30	499.731	539.776	1223.178
341	532	4	1.15	2.1	-.0	0	1227.00	499.563	539.778	1222.885
342	532	5	1.15	4.0	-.0	0	1228.30	500.120	540.268	1224.292
343	532	6	1.15	6.0	-.0	0	1228.00	500.054	539.971	1223.916
344	532	7	1.15	8.0	-.0	0	1228.20	500.132	540.069	1224.138
345	532	8	1.15	10.1	-.0	0	1228.30	500.120	540.268	1224.292
346	532	9	1.15	12.0	-.0	0	1227.00	499.530	539.878	1222.964
347	532	10	1.15	14.0	-.0	0	1226.00	499.174	539.287	1221.921
348	532	11	1.15	16.0	-.0	0	1228.40	500.143	540.367	1224.368
349	532	12	1.15	18.0	-.1	0	1230.00	500.935	540.655	1225.912
350	534	2	1.20	-1.9	.0	0	1651.00	686.483	680.111	1638.951
351	534	3	1.20	-.0	-.0	0	1647.10	684.961	678.147	1635.008
352	534	4	1.20	2.0	-.0	0	1652.10	687.124	679.906	1640.041
353	534	5	1.20	4.0	-.0	0	1652.10	686.764	681.197	1640.181
354	534	6	1.20	5.9	-.0	0	1650.30	686.249	679.618	1638.159
355	534	7	1.20	8.0	-.0	0	1652.70	687.277	680.499	1640.678
356	534	8	1.20	10.0	-.0	0	1653.00	687.492	680.298	1640.788
357	534	9	1.20	11.9	-.0	0	1652.70	687.083	681.193	1640.766
358	534	10	1.20	14.0	-.0	0	1650.30	686.166	679.916	1638.283
359	534	11	1.20	16.0	-.1	0	1649.60	685.599	680.615	1637.790
360	534	12	1.20	18.0	-.1	0	1654.30	687.824	681.582	1642.298
361	534	13	1.20	10.0	-.0	0	1654.40	687.433	683.169	1642.745
362	535	2	1.20	-2.0	-2.0	0	1202.50	499.911	495.668	1193.754
363	535	3	1.20	-.1	-2.0	0	1201.70	499.485	495.672	1193.043
364	535	4	1.20	2.1	-2.0	0	1201.40	499.297	495.773	1192.854
365	535	5	1.20	4.0	-2.1	0	1200.30	499.017	494.686	1191.533
366	535	6	1.20	6.1	-2.1	0	1198.40	498.255	493.802	1189.691
367	535	7	1.20	8.0	-2.1	0	1201.10	499.276	495.278	1192.383
368	535	8	1.20	10.0	-2.0	0	1200.60	499.066	495.082	1191.911
369	535	9	1.20	11.9	-1.9	0	1200.70	499.091	495.181	1192.005
370	535	10	1.20	14.0	-2.0	0	1203.80	500.381	496.456	1195.074
371	535	11	1.20	16.0	-2.0	0	1200.60	498.898	495.678	1192.049
372	535	12	1.20	18.0	-2.0	0	1201.60	499.487	495.474	1192.999

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
373	536	2	1.20	-2.0	2.0	0	1201.10	499.276	495.278	1192.383
374	536	3	1.20	.1	2.0	0	1202.40	500.052	494.973	1193.521
375	536	4	1.20	2.0	2.0	0	1202.50	499.911	495.668	1193.754
376	536	5	1.20	4.0	2.0	0	1202.60	499.853	496.064	1193.986
377	536	6	1.20	6.0	1.9	0	1201.00	499.279	495.080	1192.338
378	536	7	1.20	8.0	2.0	0	1198.40	498.200	494.001	1189.739
379	536	8	1.20	10.0	1.9	0	1203.20	500.117	496.260	1194.602
380	536	9	1.20	11.9	1.9	0	1201.30	499.383	495.277	1192.668
381	536	10	1.20	14.0	2.0	0	1200.30	498.961	494.885	1191.580
382	536	11	1.20	16.1	2.0	0	1202.10	499.642	495.869	1193.517
383	536	12	1.20	17.9	1.9	0	1205.70	501.170	497.240	1196.962
384	537	2	1.20	10.0	-.0	0	1200.20	499.019	494.488	1191.488
385	537	3	1.20	10.1	1.9	0	1203.20	500.117	496.260	1194.602
386	537	4	1.20	10.0	5.9	0	1202.70	500.073	495.468	1193.993
387	537	5	1.20	10.0	-1.9	0	1203.70	500.327	496.456	1195.074
388	538	2	1.20	-.0	6.0	0	1201.80	499.538	495.672	1193.187
389	538	3	1.20	2.1	6.0	0	1202.60	499.881	495.965	1193.892
390	538	4	1.20	4.1	5.9	0	1202.70	499.878	496.163	1194.080
391	538	5	1.20	6.0	6.0	0	1202.80	499.931	496.163	1194.225
392	538	6	1.20	8.0	6.0	0	1203.20	500.200	495.962	1194.462
393	538	7	1.20	10.0	6.1	0	1203.30	500.253	495.962	1194.606
394	538	8	1.20	12.0	6.0	0	1203.80	500.464	496.158	1195.078
395	538	9	1.20	14.0	6.0	0	1203.60	500.302	496.357	1194.980
396	538	10	1.20	16.0	6.0	0	1204.00	500.292	497.150	1195.445
397	541	2	1.20	-2.0	.0	180	1201.90	499.619	495.572	1193.235
398	541	3	1.20	.1	.0	180	1200.50	498.873	495.579	1191.955
399	541	4	1.20	2.1	.0	180	1202.00	499.589	495.869	1193.373
400	541	5	1.20	4.1	.0	180	1203.40	500.223	496.259	1194.744
401	541	6	1.20	6.1	.0	180	1203.10	500.036	496.360	1194.410
402	541	7	1.20	7.9	.0	180	1201.90	499.619	495.572	1193.235
403	541	8	1.20	9.9	.0	180	1202.90	500.012	496.063	1194.272
404	551	3	1.30	10.1	-.1	0	1171.40	500.159	422.668	1147.221
405	551	4	1.30	10.1	2.0	0	1170.70	499.851	422.473	1146.556
406	551	5	1.30	10.1	6.0	0	1173.60	501.038	423.847	1149.468
407	551	6	1.30	10.0	-1.8	0	1168.60	498.989	421.491	1144.432
408	552	2	1.30	.1	6.2	0	1171.60	500.225	422.865	1147.484
409	552	3	1.30	2.1	6.0	0	1173.60	501.007	424.045	1149.597
410	552	4	1.30	4.1	6.0	0	1174.30	501.346	424.042	1150.133
411	552	5	1.30	6.1	6.1	0	1173.20	500.891	423.552	1149.076
412	552	6	1.30	8.1	6.0	0	1172.70	500.695	423.257	1148.548
413	552	7	1.30	10.1	6.0	0	1171.90	500.339	423.062	1147.747
414	552	8	1.30	12.2	6.0	0	1171.50	500.115	423.261	1147.471
415	552	9	1.30	14.2	6.0	0	1170.30	499.673	422.375	1146.154
416	552	10	1.30	16.2	5.9	0	1169.90	499.464	422.476	1145.886
417	553	2	1.30	-2.1	.1	180	1170.10	499.561	422.475	1146.019
418	553	3	1.30	.0	.1	180	1170.70	499.790	422.868	1146.677
419	553	4	1.30	2.0	.1	180	1171.30	500.110	422.668	1147.085
420	553	5	1.30	4.0	.1	180	1171.20	500.016	422.965	1147.076
421	553	6	1.30	5.9	.1	180	1171.40	500.128	422.866	1147.215
422	553	7	1.30	8.0	.1	180	1171.60	500.225	422.865	1147.484
423	553	8	1.30	10.0	.1	180	1171.00	500.042	422.175	1146.696
424	555	2	1.30	6.1	-4.0	0	1173.50	501.005	423.749	1149.338
425	555	3	1.30	6.1	-3.0	0	1173.30	500.939	423.552	1149.076
426	555	4	1.30	6.1	-2.0	0	1173.70	501.133	423.550	1149.479
427	555	5	1.30	6.1	-1.0	0	1172.80	500.728	423.355	1148.677
428	555	6	1.30	6.1	-.6	0	1170.10	499.499	422.870	1146.140
429	555	7	1.30	6.0	-.0	0	1171.00	499.996	422.472	1146.824
430	555	8	1.30	6.1	.4	0	1172.00	500.387	423.062	1147.883
431	555	9	1.30	6.0	.9	0	1172.80	500.713	423.454	1148.674
432	555	10	1.30	6.0	1.8	0	1174.00	501.247	423.747	1149.741
433	555	11	1.30	6.0	2.8	0	1174.50	501.427	424.141	1150.402
434	555	12	1.30	-1.4	3.4	0	1173.60	501.054	423.748	1149.472

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
435	555	13	1.30	5.9	5.9	0	1170.90	499.917	422.670	1146.819
436	557	2	1.30	-2.0	2.2	0	1172.30	500.517	423.159	1148.146
437	557	3	1.30	-.1	2.1	0	1173.10	500.858	423.453	1148.943
438	557	4	1.30	2.0	2.1	0	1173.20	500.906	423.453	1148.943
439	557	5	1.30	3.9	2.1	0	1174.60	501.445	424.338	1150.527
440	557	6	1.30	6.0	2.1	0	1172.00	500.357	423.259	1147.874
441	557	7	1.30	8.1	2.0	0	1168.50	498.895	421.788	1144.426
442	557	8	1.30	10.1	2.0	0	1168.20	498.734	421.888	1144.155
443	557	9	1.30	12.0	1.9	0	1169.70	499.429	422.081	1145.492
444	557	10	1.30	14.2	1.9	0	1170.80	499.869	422.670	1146.683
445	557	11	1.30	16.1	1.9	0	1173.30	501.016	423.057	1148.956
446	557	12	1.30	18.0	1.9	0	1173.40	500.941	423.848	1149.335
447	558	2	1.30	-2.0	-2.1	0	1169.90	499.541	421.981	1145.627
448	558	3	1.30	.1	-2.1	0	1172.20	500.500	422.962	1148.019
449	558	4	1.30	2.2	-2.1	0	1174.60	501.522	423.844	1150.276
450	558	5	1.30	4.1	-2.1	0	1173.90	501.214	423.648	1149.609
451	558	6	1.30	6.2	-2.1	0	1172.00	500.418	422.864	1147.753
452	558	7	1.30	8.1	-2.0	0	1172.10	500.451	422.962	1147.883
453	558	8	1.30	10.0	-1.9	0	1172.00	500.357	423.259	1147.874
454	558	9	1.30	11.9	-1.8	0	1171.20	500.062	422.669	1147.088
455	558	10	1.30	14.0	-1.9	0	1170.80	499.869	422.670	1146.683
456	558	11	1.30	15.9	-1.8	0	1170.60	499.757	422.770	1146.547
457	558	12	1.30	17.9	-1.9	0	1170.70	499.774	422.967	1146.674
458	559	2	1.30	-1.9	-.1	0	1531.70	653.936	553.071	1500.277
459	559	3	1.30	.0	-.1	0	1532.10	654.114	553.168	1500.540
460	559	4	1.30	2.0	-.1	0	1532.80	654.529	552.671	1500.967
461	559	5	1.30	4.0	-.1	0	1532.80	654.407	553.462	1501.338
462	559	6	1.30	6.1	-.1	0	1532.20	654.254	552.574	1500.526
463	559	7	1.30	8.1	-.1	0	1531.40	653.837	552.775	1499.829
464	559	8	1.30	10.1	-.1	0	1531.30	653.804	552.677	1499.741
465	559	9	1.30	12.0	-.1	0	1529.50	653.041	551.991	1497.879
466	559	10	1.30	14.1	-.1	0	1528.90	652.766	551.895	1497.442
467	559	11	1.30	16.1	-.1	0	1529.90	653.204	552.188	1498.414
468	559	12	1.30	18.1	-.1	0	1531.60	653.980	552.478	1499.911
469	560	2	1.20	6.0	-6.0	0	1203.30	500.198	496.160	1194.650
470	560	3	1.20	6.1	-4.0	0	1203.80	500.381	496.456	1195.074
471	560	4	1.20	6.0	-3.1	0	1204.00	500.376	496.852	1195.450
472	560	5	1.20	6.0	-2.0	0	1203.80	500.436	496.257	1195.172
473	560	6	1.20	6.0	-1.0	0	1203.70	500.411	496.158	1194.934
474	560	7	1.20	6.0	-.5	0	1202.30	499.749	495.867	1193.656
475	560	8	1.20	6.0	.0	0	1202.10	499.698	495.670	1193.470
476	560	9	1.20	6.0	.5	0	1201.30	499.299	495.575	1192.665
477	560	10	1.20	5.9	1.0	0	1201.20	499.330	495.277	1192.524
478	560	11	1.20	6.0	1.9	0	1200.60	499.038	495.181	1192.005
479	560	12	1.20	6.0	2.9	0	1201.00	499.251	495.179	1192.288
480	560	13	1.20	6.0	3.9	0	1199.90	498.915	494.291	1191.157
481	560	14	1.20	6.0	6.0	0	1199.90	498.748	494.887	1191.297
482	561	2	1.20	-2.0	-.1	0	1204.90	500.855	496.847	1196.160
483	561	3	1.20	-.0	-.0	0	1201.40	499.380	495.475	1192.713
484	561	4	1.20	1.9	-.0	0	1200.80	499.033	495.577	1192.238
485	561	5	1.20	3.9	-.0	0	1200.80	499.200	494.981	1192.099
486	561	6	1.20	5.9	-.0	0	1200.30	498.878	495.183	1191.722
487	561	7	1.20	8.0	-.0	0	1200.10	498.716	495.383	1191.484
488	561	8	1.20	10.0	-.0	0	1202.20	499.834	495.371	1193.471
489	561	9	1.20	11.9	-.0	0	1203.00	500.066	496.063	1194.272
490	561	10	1.20	14.0	-.0	0	1203.90	500.434	496.455	1195.216
491	561	11	1.20	16.0	-.1	0	1205.20	500.987	496.945	1196.540
492	561	12	1.20	18.0	-.1	0	1202.80	499.987	495.964	1194.178
493	587	2	.60	-1.8	-2.0	0	2530.30	498.446	1985.548	2530.300
494	587	3	.60	.1	-2.0	0	2528.90	498.827	1983.649	2528.900
495	587	5	.60	2.3	-1.9	0	2528.80	498.825	1983.549	2528.800
496	587	6	.60	4.2	-2.0	0	2527.60	497.708	1983.680	2527.600

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
497	587	7	.60	6.2	-1.9	0	2528.60	497.567	1984.877	2528.600
498	587	8	.60	8.0	-1.8	0	2533.20	499.774	1986.901	2533.200
499	587	9	.60	9.9	-1.8	0	2532.50	499.088	1987.020	2532.500
500	587	10	.60	11.7	-1.8	0	2532.80	498.845	1987.623	2532.800
501	587	12	.60	13.8	-1.9	0	2531.10	497.966	1986.953	2531.100
502	587	13	.60	15.8	-1.9	0	2529.50	498.843	1984.245	2529.500
503	587	14	.60	17.8	-1.9	0	2530.20	499.946	1983.617	2530.200
504	588	2	.60	-2.2	2.1	0	2530.20	498.694	1985.143	2530.200
505	588	4	.60	-.2	2.1	0	2528.20	498.058	1983.869	2528.200
506	588	5	.60	1.8	2.1	0	2530.70	499.625	1984.521	2530.700
507	588	6	.60	3.8	2.1	0	2530.40	500.202	1983.510	2530.400
508	588	7	.60	5.8	2.1	0	2530.50	500.621	1983.101	2530.500
509	588	8	.60	8.1	2.2	0	2533.30	502.446	1983.745	2533.300
510	588	9	.60	10.1	2.0	0	2533.40	503.031	1983.132	2533.400
511	588	10	.60	12.1	2.0	0	2528.10	498.890	1982.752	2528.100
512	588	11	.60	14.3	2.0	0	2528.90	498.911	1983.547	2528.900
513	588	12	.60	16.1	2.0	0	2528.40	497.896	1984.271	2528.400
514	588	13	.60	18.1	2.0	0	2530.30	497.778	1986.362	2530.300
515	592	3	.60	10.1	-.0	0	2528.40	499.148	1982.745	2528.400
516	592	4	.60	10.2	2.1	0	2527.80	499.717	1981.437	2527.800
517	592	5	.60	10.1	6.2	0	2529.30	500.673	1981.808	2529.300
518	592	6	.60	9.8	-1.8	0	2530.40	500.285	1983.409	2530.400
519	593	3	.60	-.1	6.2	0	2531.60	498.313	1987.042	2531.600
520	593	4	.60	1.9	6.1	0	2532.20	498.746	1987.129	2532.200
521	593	5	.60	3.9	6.2	0	2531.50	499.313	1985.722	2531.500
522	593	6	.60	5.9	6.2	0	2530.10	498.859	1984.840	2530.100
523	593	7	.60	8.0	6.2	0	2528.80	497.656	1984.974	2528.800
524	593	8	.60	10.1	6.2	0	2530.70	500.209	1983.808	2530.700
525	593	9	.60	12.2	6.2	0	2530.40	499.284	1984.630	2530.400
526	593	10	.60	14.2	6.1	0	2529.80	498.600	1984.848	2529.800
527	593	11	.60	16.2	6.1	0	2528.90	497.992	1984.666	2528.900
528	594	2	.95	10.1	-.0	0	1417.70	502.652	790.255	1417.700
529	594	3	.95	10.2	2.0	0	1411.80	499.053	789.720	1411.800
530	594	4	.95	10.0	6.0	0	1415.60	500.430	791.785	1415.600
531	594	5	.95	10.0	-1.9	0	1415.90	500.520	791.983	1415.900
532	595	2	1.30	-1.9	-.1	0	1170.40	499.721	422.375	1146.290
533	595	3	1.30	.0	-.1	0	1173.20	500.922	423.354	1148.947
534	595	4	1.30	2.0	-.1	0	1173.00	500.840	423.256	1148.817
535	595	5	1.30	4.0	-.1	0	1172.40	500.581	423.060	1148.149
536	595	6	1.30	6.0	-.1	0	1171.80	500.306	422.963	1147.614
537	595	7	1.30	8.0	-.1	0	1170.80	499.899	422.472	1146.553
538	595	8	1.30	10.0	-.1	0	1170.00	499.559	422.178	1145.891
539	595	9	1.30	12.1	-.1	0	1168.30	498.813	421.690	1144.160
540	595	10	1.30	14.1	-.1	0	1172.70	500.710	423.158	1148.415
541	595	11	1.30	16.1	-.1	0	1172.90	500.807	423.157	1148.684
542	595	12	1.30	18.1	-.1	0	1172.70	500.680	423.356	1148.544
543	603	2	1.40	-1.9	2.0	0	1159.50	499.897	364.753	1111.197
544	603	3	1.40	-.0	2.0	0	1157.60	499.086	363.772	1109.226
545	603	4	1.40	2.0	2.0	0	1157.10	498.875	363.379	1108.537
546	603	5	1.40	4.0	2.0	0	1159.40	499.859	364.458	1111.063
547	603	6	1.40	5.9	1.9	0	1161.50	500.764	365.143	1113.024
548	603	7	1.40	8.0	2.0	0	1163.00	501.420	365.139	1114.162
549	603	8	1.40	10.0	2.1	0	1161.40	500.718	365.242	1113.070
550	603	9	1.40	12.1	2.1	0	1161.00	500.555	364.651	1112.417
551	603	10	1.40	14.1	2.0	0	1159.60	499.945	364.556	1111.234
552	603	11	1.40	16.1	2.0	0	1159.00	499.696	363.867	1110.408
553	603	12	1.40	18.0	2.0	0	1157.60	499.090	363.575	1109.135
554	604	2	1.40	-2.0	-2.0	0	1159.90	500.068	364.950	1111.669
555	604	3	1.40	-.0	-2.0	0	1160.10	500.162	364.653	1111.658
556	604	4	1.40	2.0	-2.0	0	1160.00	500.129	364.062	1111.258
557	604	5	1.40	4.0	-2.1	0	1160.00	500.116	364.752	1111.577
558	604	6	1.40	6.1	-2.1	0	1159.60	499.951	364.260	1111.097

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
559	604	7	1.40	8.0	-2.0	0	1159.60	499.953	364.162	1111.053
560	604	8	1.40	10.0	-2.0	0	1159.10	499.728	364.458	1110.808
561	604	9	1.40	12.0	-1.9	0	1159.30	499.818	364.360	1110.892
562	604	10	1.40	13.9	-2.0	0	1159.20	499.780	364.064	1110.627
563	604	11	1.40	16.0	-2.0	0	1158.70	499.572	363.474	1109.845
564	604	12	1.40	17.9	-2.0	0	1157.70	499.124	364.068	1109.492
565	605	2	1.40	10.0	-.0	0	1159.10	499.734	364.163	1110.546
566	605	3	1.40	10.0	1.9	0	1158.10	499.304	363.771	1109.605
567	605	4	1.40	10.0	6.0	0	1157.70	499.129	363.772	1109.226
568	605	5	1.40	10.1	-2.0	0	1159.20	499.780	364.064	1110.627
569	606	2	1.40	.1	6.0	0	1158.90	499.650	363.966	1110.328
570	606	3	1.40	2.0	6.0	0	1158.90	499.646	364.163	1110.419
571	606	4	1.40	4.0	6.0	0	1159.10	499.740	363.867	1110.408
572	606	5	1.40	6.0	5.9	0	1158.50	499.475	363.967	1110.076
573	606	6	1.40	8.0	6.0	0	1158.40	499.430	364.066	1109.996
574	606	7	1.40	10.0	6.0	0	1158.80	499.605	364.065	1110.375
575	606	8	1.40	12.0	6.0	0	1158.90	499.643	364.360	1110.509
576	606	9	1.40	14.0	6.0	0	1159.40	499.865	364.162	1110.798
577	606	10	1.40	16.1	6.0	0	1159.80	500.038	364.260	1111.225
578	607	2	1.40	-1.8	.0	180	1161.60	500.812	364.946	1112.934
579	607	3	1.40	.1	-.0	180	1160.90	500.510	364.750	1112.336
580	607	4	1.40	2.2	-.0	180	1158.70	499.561	364.065	1110.247
581	607	5	1.40	4.3	-.0	180	1156.90	498.785	363.478	1108.457
582	607	6	1.40	6.3	-.0	180	1157.00	498.821	363.872	1108.767
583	607	7	1.40	8.3	-.0	180	1157.80	499.169	363.969	1109.445
584	607	8	1.40	10.4	-.0	180	1159.70	499.994	364.260	1111.097
585	608	3	1.40	6.0	-6.0	0	1157.40	499.000	363.674	1109.055
586	608	4	1.40	6.0	-4.1	0	1157.00	498.827	363.576	1108.629
587	608	5	1.40	6.0	-3.1	0	1157.60	499.084	363.871	1109.274
588	608	6	1.40	6.0	-2.0	0	1158.00	499.261	363.771	1109.478
589	608	7	1.40	5.9	-1.0	0	1159.70	499.996	364.161	1111.050
590	608	8	1.40	6.0	-.5	0	1160.40	500.297	364.456	1111.822
591	608	9	1.40	6.0	.1	0	1160.80	500.462	364.948	1112.429
592	608	10	1.40	6.0	.6	0	1161.10	500.593	364.947	1112.554
593	608	11	1.40	6.0	1.0	0	1160.80	500.462	364.948	1112.429
594	608	12	1.40	6.1	2.0	0	1161.40	500.720	365.143	1112.896
595	608	13	1.40	6.0	2.9	0	1160.80	500.470	364.553	1112.118
596	608	14	1.40	6.0	3.9	0	1160.80	500.468	364.652	1112.165
597	608	15	1.40	6.0	6.0	0	1160.90	500.511	364.651	1112.290
598	609	2	1.40	-2.0	-.0	0	1159.90	500.074	364.654	1111.533
599	609	3	1.40	-.0	-.0	0	1160.30	500.247	364.751	1111.829
600	609	4	1.40	2.0	-.0	0	1159.70	499.982	364.852	1111.498
601	609	5	1.40	4.0	-.0	0	1159.90	500.078	364.457	1111.443
602	609	6	1.40	5.9	-.0	0	1159.90	500.078	364.457	1111.443
603	609	7	1.40	8.0	-.0	0	1159.90	500.076	364.555	1111.486
604	609	8	1.40	10.0	-.0	0	1159.70	499.990	364.457	1111.188
605	609	9	1.40	12.0	-.0	0	1159.50	499.905	364.359	1111.016
606	609	10	1.40	14.0	-.0	0	1159.20	499.778	364.163	1110.674
607	609	11	1.40	16.0	-.0	0	1158.50	499.477	363.868	1109.901
608	609	12	1.40	18.0	-.0	0	1158.80	499.610	363.769	1110.109
609	611	2	1.40	-3.0	-.1	0	1489.50	642.188	467.716	1426.995
610	611	4	1.40	-2.0	-.0	0	1489.40	642.132	468.308	1427.326
611	611	5	1.40	-.0	-.0	0	1490.70	642.687	468.994	1428.760
612	611	7	1.40	2.0	-.0	0	1491.60	643.072	469.386	1429.626
613	611	9	1.40	4.0	-.0	0	1488.60	641.792	467.817	1426.320
614	611	11	1.40	6.0	-.0	0	1486.00	640.678	466.641	1423.715
615	611	13	1.40	8.0	-.0	0	1488.30	641.653	468.212	1426.378
616	611	15	1.40	10.0	-.0	0	1489.70	642.265	468.208	1427.513
617	611	17	1.40	12.0	-.0	0	1488.80	641.877	467.915	1426.619
618	611	18	1.40	14.0	-.0	0	1491.10	642.868	468.697	1428.839
619	611	20	1.40	16.0	-.0	0	1492.00	643.258	468.892	1429.598
620	611	21	1.40	18.0	-.1	0	1490.50	642.617	468.107	1428.024

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
621	614	2	1.50	-3.0	.4	0	1312.30	563.049	357.686	1220.340
622	614	4	1.50	-1.9	.4	0	1313.00	563.325	357.684	1220.874
623	614	5	1.50	.0	.4	0	1313.30	563.419	357.486	1220.874
624	614	7	1.50	2.0	.4	0	1313.10	563.352	357.585	1220.806
625	614	9	1.50	4.0	.4	0	1312.70	563.243	357.980	1220.802
626	614	11	1.50	6.0	.4	0	1312.80	563.234	357.586	1220.539
627	614	13	1.50	8.0	.4	0	1312.70	563.219	357.783	1220.671
628	614	15	1.50	10.0	.4	0	1312.20	562.985	357.489	1220.073
629	614	17	1.50	12.0	.4	0	1311.40	562.656	357.392	1219.472
630	614	18	1.50	14.0	.4	0	1311.60	562.748	357.490	1219.671
631	614	20	1.50	16.0	.4	0	1310.70	562.331	357.000	1218.674
632	614	21	1.50	18.0	.4	0	1310.90	562.459	357.394	1219.074
633	615	2	1.50	-2.1	-1.5	0	1167.60	500.936	318.017	1085.600
634	615	3	1.50	-.1	-1.6	0	1167.50	500.896	318.017	1085.479
635	615	4	1.50	1.9	-1.6	0	1166.80	500.571	317.625	1084.742
636	615	5	1.50	3.8	-1.7	0	1165.20	499.902	317.333	1083.385
637	615	6	1.50	5.7	-1.8	0	1164.50	499.614	317.236	1082.814
638	615	7	1.50	7.6	-2.1	0	1164.80	499.757	317.432	1083.123
639	615	8	1.50	9.7	-2.3	0	1165.90	500.216	317.627	1084.028
640	615	9	1.50	11.8	-2.3	0	1166.00	500.292	317.922	1084.314
641	615	10	1.50	13.8	-2.4	0	1166.70	500.544	317.724	1084.720
642	615	11	1.50	15.8	-2.4	0	1166.90	500.610	317.625	1084.742
643	615	12	1.50	17.9	-2.4	0	1167.30	500.830	318.116	1085.457
644	616	2	1.50	-2.1	1.6	0	1164.50	499.626	317.334	1082.788
645	616	3	1.50	-.1	1.6	0	1164.40	499.537	316.940	1082.402
646	616	4	1.50	1.8	1.6	0	1164.90	499.784	317.333	1083.145
647	616	5	1.50	3.8	1.6	0	1165.50	500.021	317.332	1083.501
648	616	6	1.50	5.6	1.7	0	1165.60	500.097	317.628	1083.912
649	616	7	1.50	7.6	2.1	0	1165.40	500.018	317.628	1083.671
650	616	8	1.50	9.7	2.4	0	1166.20	500.346	317.725	1084.363
651	616	9	1.50	11.9	2.4	0	1165.80	500.201	317.824	1084.100
652	616	10	1.50	14.0	2.4	0	1166.40	500.450	317.921	1084.671
653	616	11	1.50	16.0	2.4	0	1166.20	500.309	317.429	1084.072
654	616	12	1.50	18.0	2.4	0	1166.30	500.374	317.626	1084.385
655	617	2	1.50	10.0	.4	0	1167.30	500.817	318.018	1085.363
656	617	3	1.50	9.8	2.2	0	1166.90	500.623	317.723	1084.836
657	617	4	1.50	9.6	6.1	0	1165.20	499.951	317.727	1083.649
658	617	5	1.50	9.7	-2.3	0	1164.30	499.522	317.138	1082.479
659	618	2	1.50	-.3	5.7	0	1164.30	499.498	316.941	1082.406
660	618	3	1.50	1.7	5.7	0	1165.70	500.112	317.430	1083.716
661	618	4	1.50	3.6	5.8	0	1166.30	500.361	317.527	1084.287
662	618	5	1.50	5.6	5.9	0	1166.30	500.374	317.626	1084.385
663	618	6	1.50	7.6	6.0	0	1165.60	500.122	317.825	1083.983
664	618	7	1.50	9.6	6.2	0	1166.80	500.583	317.723	1084.836
665	618	8	1.50	11.7	6.3	0	1166.50	500.465	317.724	1084.599
666	618	9	1.50	13.7	6.3	0	1166.40	500.413	317.626	1084.385
667	618	10	1.50	15.9	6.4	0	1166.50	500.452	317.625	1084.502
668	619	2	1.50	-1.9	-.4	180	1166.20	500.359	317.823	1084.457
669	619	3	1.50	.1	-.4	180	1165.20	499.939	317.629	1083.555
670	619	4	1.50	2.1	-.4	180	1165.20	499.865	317.037	1083.093
671	619	5	1.50	4.2	-.4	180	1164.20	499.471	317.039	1082.381
672	619	6	1.50	6.3	-.4	180	1165.00	499.811	317.235	1083.050
673	619	7	1.50	8.3	-.4	180	1164.50	499.577	316.940	1082.522
674	619	8	1.50	10.4	-.4	180	1164.20	499.458	316.941	1082.286
675	620	3	1.50	5.6	-5.9	0	1166.80	500.620	318.019	1085.005
676	620	4	1.50	5.6	-3.9	0	1167.10	500.714	317.821	1085.051
677	620	5	1.50	5.6	-2.8	0	1166.70	500.531	317.625	1084.622
678	620	6	1.50	5.7	-1.7	0	1166.80	500.608	317.920	1084.908
679	620	7	1.50	5.8	-.6	0	1166.00	500.280	317.824	1084.340
680	620	8	1.50	5.9	-.1	0	1165.20	499.915	317.431	1083.359
681	620	9	1.50	6.0	.5	0	1164.90	499.796	317.432	1083.243
682	620	10	1.50	6.2	.9	0	1164.00	499.417	317.237	1082.457

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
683	620	11	1.50	6.2	1.4	0	1164.30	499.498	316.941	1082.406
684	620	12	1.50	6.4	2.2	0	1164.00	499.417	317.237	1082.457
685	620	13	1.50	6.4	3.1	0	1164.10	499.456	317.237	1082.457
686	620	14	1.50	6.4	4.1	0	1164.70	499.693	317.235	1082.930
687	620	15	1.50	6.4	6.1	0	1165.10	499.863	317.333	1083.265
688	621	2	1.50	-1.9	.4	0	1167.60	500.960	318.214	1085.791
689	621	3	1.50	.0	.4	0	1167.30	500.842	318.215	1085.554
690	621	4	1.50	2.0	.4	0	1167.00	500.674	317.822	1085.054
691	621	5	1.50	3.9	.4	0	1166.40	500.462	318.020	1084.769
692	621	6	1.50	6.0	.4	0	1165.90	500.216	317.627	1084.028
693	621	7	1.50	8.1	.4	0	1165.70	500.124	317.529	1083.814
694	621	8	1.50	10.0	.4	0	1164.60	499.666	317.334	1082.908
695	621	9	1.50	12.0	.4	0	1164.30	499.547	317.335	1082.672
696	621	10	1.50	14.0	.4	0	1163.50	499.157	316.745	1081.617
697	621	11	1.50	16.0	.4	0	1163.60	499.197	316.745	1081.736
698	621	12	1.50	18.0	.4	0	1163.80	499.337	317.238	1082.221
699	622	2	.40	-1.9	-1.9	0	1995.60	199.210	1788.338	1995.600
700	622	3	.40	.1	-2.0	0	1995.50	200.064	1787.310	1995.500
701	622	4	.40	2.2	-2.0	0	1995.50	200.823	1786.485	1995.500
702	622	5	.40	4.2	-1.9	0	1995.80	201.489	1786.062	1995.800
703	622	6	.40	6.2	-2.0	0	1995.80	201.489	1786.062	1995.800
704	622	7	.40	8.0	-1.9	0	1994.70	200.533	1785.996	1994.700
705	622	8	.40	9.9	-1.9	0	1995.00	201.199	1785.573	1995.000
706	622	9	.40	11.8	-1.9	0	1995.10	200.915	1785.982	1995.100
707	622	10	.40	13.8	-1.9	0	1994.50	200.342	1786.003	1994.500
708	622	11	.40	15.8	-2.0	0	1994.70	200.438	1786.099	1994.700
709	622	12	.40	17.8	-1.9	0	1994.50	200.247	1786.106	1994.500
710	623	2	.40	-2.1	2.1	0	1994.30	200.436	1785.700	1994.300
711	623	3	.40	-.2	2.1	0	1994.20	200.435	1785.600	1994.200
712	623	4	.40	1.9	2.0	0	1994.10	201.193	1784.676	1994.100
713	623	5	.40	3.9	2.1	0	1993.90	201.192	1784.476	1993.900
714	623	6	.40	5.9	2.0	0	1993.40	200.525	1784.699	1993.400
715	623	7	.40	8.0	2.2	0	1993.50	200.620	1784.696	1993.500
716	623	8	.40	10.1	2.1	0	1992.90	200.332	1784.406	1992.900
717	623	9	.40	12.1	2.0	0	1992.80	200.331	1784.307	1992.800
718	623	10	.40	14.1	2.0	0	1993.60	200.621	1784.795	1993.600
719	623	11	.40	16.1	2.0	0	1993.30	200.145	1785.012	1993.300
720	623	12	.40	18.1	2.0	0	1993.40	200.050	1785.215	1993.400
721	624	2	.40	10.2	-.0	0	1993.60	200.241	1785.208	1993.600
722	624	3	.40	10.1	2.1	0	1994.20	200.909	1785.085	1994.200
723	624	4	.40	10.1	6.1	0	1993.40	199.671	1785.627	1993.400
724	624	5	.40	9.8	-1.8	0	1993.50	199.672	1785.727	1993.500
725	625	2	.40	-.1	6.1	0	1992.90	200.047	1784.716	1992.900
726	625	3	.40	1.9	6.1	0	1993.00	200.427	1784.403	1993.000
727	625	4	.40	3.9	6.2	0	1993.30	200.714	1784.393	1993.300
728	625	5	.40	5.9	6.1	0	1992.80	200.995	1783.585	1992.800
729	625	6	.40	8.0	6.2	0	1992.90	199.857	1784.922	1992.900
730	625	7	.40	10.0	6.1	0	1992.90	200.427	1784.303	1992.900
731	625	8	.40	12.2	6.2	0	1992.80	200.521	1784.101	1992.800
732	625	9	.40	14.2	6.2	0	1992.80	200.141	1784.513	1992.800
733	625	10	.40	16.2	6.1	0	1993.10	199.954	1785.019	1993.100
734	626	3	.40	-2.0	.0	180	1993.50	200.241	1785.108	1993.500
735	626	5	.40	-.0	.0	180	1991.70	198.901	1784.756	1991.700
736	626	6	.40	2.0	-.0	180	1992.30	198.999	1785.252	1992.300
737	626	7	.40	4.0	-.0	180	1992.50	199.665	1784.729	1992.500
738	626	8	.40	6.1	-.0	180	1992.50	199.570	1784.833	1992.500
739	626	9	.40	8.0	-.0	180	1993.00	199.573	1785.331	1993.000
740	626	10	.40	10.1	-.0	180	1993.20	199.290	1785.840	1993.200
741	627	3	.40	6.0	-5.8	0	1994.00	199.390	1786.535	1994.000
742	627	4	.40	6.0	-3.9	0	1994.00	199.580	1786.329	1994.000
743	627	5	.40	6.1	-2.8	0	1994.20	200.245	1785.807	1994.200
744	627	6	.40	6.1	-1.8	0	1994.10	200.245	1785.707	1994.100

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
745	627	7	.40	6.1	-1.0	0	1994.20	200.245	1785.807	1994.200
746	627	8	.40	6.1	-.4	0	1994.00	200.434	1785.401	1994.000
747	627	9	.40	6.1	.1	0	1994.50	200.722	1785.590	1994.500
748	627	10	.40	6.2	.5	0	1994.20	200.814	1785.188	1994.200
749	627	11	.40	6.1	1.0	0	1994.20	200.625	1785.394	1994.200
750	627	12	.40	6.2	1.8	0	1994.10	200.340	1785.604	1994.100
751	627	13	.40	6.1	2.8	0	1994.30	200.341	1785.803	1994.300
752	627	14	.40	6.1	3.8	0	1994.30	199.866	1786.319	1994.300
753	627	15	.40	6.0	5.8	0	1994.00	199.959	1785.916	1994.000
754	628	2	.40	-1.8	-.0	0	1993.40	198.911	1786.452	1993.400
755	628	3	.40	.1	-.0	0	1993.30	199.575	1785.631	1993.300
756	628	4	.40	2.1	-.0	0	1993.10	199.669	1785.328	1993.100
757	628	5	.40	4.1	-.0	0	1992.90	199.478	1785.334	1992.900
758	628	6	.40	6.1	-.0	0	1993.50	200.241	1785.108	1993.500
759	628	7	.40	8.2	-.0	0	1993.10	199.954	1785.019	1993.100
760	628	8	.40	10.1	-.0	0	1993.10	199.764	1785.225	1993.100
761	628	9	.40	12.2	-.0	0	1992.90	199.952	1784.819	1992.900
762	628	10	.40	14.1	-.0	0	1992.70	199.571	1785.032	1992.700
763	628	11	.40	16.2	-.1	0	1992.70	199.287	1785.341	1992.700
764	628	12	.40	18.2	-.1	0	1992.90	198.813	1786.057	1992.900
765	639	2	.40	-1.9	-.0	0	1992.30	198.715	1785.561	1992.300
766	639	3	.40	.2	-.0	0	1993.40	199.386	1785.937	1993.400
767	639	4	.40	2.2	-.0	0	1993.90	199.674	1786.126	1993.900
768	639	5	.40	4.2	-.0	0	1993.40	199.576	1785.730	1993.400
769	639	6	.40	6.1	-.0	0	1993.70	200.432	1785.102	1993.700
770	639	7	.40	8.1	-.0	0	1993.40	200.335	1784.905	1993.400
771	639	8	.40	10.3	-.0	0	1993.00	200.238	1784.609	1993.000
772	639	9	.40	12.2	-.0	0	1993.00	200.617	1784.197	1993.000
773	639	10	.40	14.2	-.0	0	1992.80	200.426	1784.204	1992.800
774	639	11	.40	16.2	-.0	0	1992.60	200.235	1784.210	1992.600
775	639	12	.40	18.2	-.0	0	1992.20	199.948	1784.121	1992.200
776	640	2	.40	-2.1	2.1	0	1993.30	199.575	1785.631	1993.300
777	640	3	.40	-.2	2.0	0	1993.60	200.052	1785.414	1993.600
778	640	4	.40	1.8	2.1	0	1994.20	200.150	1785.910	1994.200
779	640	5	.40	3.8	2.1	0	1994.60	199.679	1786.824	1994.600
780	640	6	.40	5.9	2.2	0	1991.00	199.750	1783.130	1991.000
781	640	7	.40	8.0	2.1	0	1994.50	199.583	1786.828	1994.500
782	640	8	.40	10.1	2.2	0	1992.10	199.757	1784.227	1992.100
783	640	9	.40	12.1	2.0	0	1995.20	198.923	1788.248	1995.200
784	640	10	.40	14.3	2.1	0	1994.50	198.824	1787.653	1994.500
785	640	11	.40	16.2	2.0	0	1990.60	198.514	1784.072	1990.600
786	641	2	.40	10.2	-.0	0	1995.60	201.298	1786.069	1995.600
787	641	3	.40	10.2	2.0	0	1992.60	199.950	1784.520	1992.600
788	644	2	.60	-1.8	-.1	0	2531.30	498.222	1986.846	2531.300
789	644	3	.60	.2	-.1	0	2532.30	500.335	1985.295	2532.300
790	644	4	.60	2.3	-.1	0	2533.90	501.378	1985.663	2533.900
791	644	5	.60	4.3	-.1	0	2530.80	499.878	1984.315	2530.800
792	644	7	.60	6.1	-.1	0	2531.60	500.567	1984.295	2531.600
793	644	8	.60	8.3	-.1	0	2532.30	500.835	1984.685	2532.300
794	644	9	.60	10.2	-.1	0	2531.60	500.734	1984.092	2531.600
795	644	10	.60	12.2	-.1	0	2531.90	499.907	1985.407	2531.900
796	644	11	.60	14.2	-.0	0	2535.10	501.159	1987.160	2535.100
797	644	14	.60	16.2	-.0	0	2531.00	498.882	1985.734	2531.000
798	644	15	.60	18.2	-.0	0	2527.90	496.880	1984.996	2527.900
799	645	2	.60	-2.2	2.1	0	2531.90	500.324	1984.898	2531.900
800	645	3	.60	-.2	2.1	0	2527.90	498.217	1983.368	2527.900
801	645	4	.60	1.7	2.1	0	2528.20	500.061	1981.427	2528.200
802	645	5	.60	3.9	2.1	0	2530.30	500.950	1982.495	2530.300
803	645	6	.60	5.9	2.2	0	2533.10	501.940	1984.157	2533.100
804	645	7	.60	8.1	2.2	0	2527.40	499.873	1980.836	2527.400
805	645	8	.60	10.1	2.1	0	2528.90	500.162	1982.021	2528.900
806	645	9	.60	12.1	2.0	0	2528.80	500.327	1981.718	2528.800

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
807	645	10	.60	14.3	2.1	0	2528.50	498.483	1983.658	2528.500
808	645	11	.60	16.2	2.0	0	2530.90	498.211	1986.449	2530.900
809	645	12	.60	18.1	2.0	0	2532.70	499.678	1986.507	2532.700
810	646	3	.60	10.1	-.0	0	2528.30	499.896	1981.730	2528.300
811	646	4	.60	10.3	2.0	0	2528.30	500.897	1980.509	2528.300
812	647	2	.60	-1.8	-.1	0	2683.60	528.094	2106.515	2683.600
813	647	3	.60	.2	-.1	0	2683.80	529.352	2105.187	2683.800
814	647	4	.60	2.3	-.1	0	2682.90	528.243	2105.616	2682.900
815	647	5	.60	4.2	-.1	0	2680.80	528.939	2102.616	2680.800
816	647	6	.60	6.2	-.1	0	2682.40	529.232	2103.898	2682.400
817	647	8	.60	8.1	-.1	0	2681.00	529.028	2102.712	2681.000
818	647	9	.60	10.3	-.1	0	2681.00	528.527	2103.323	2681.000
819	647	10	.60	12.2	-.1	0	2681.60	529.211	2103.104	2681.600
820	647	11	.60	14.2	-.1	0	2679.80	526.992	2103.964	2679.800
821	647	12	.60	16.2	-.1	0	2679.10	525.385	2105.203	2679.100
822	647	13	.60	18.2	-.1	0	2685.50	531.484	2104.330	2685.500
823	647	15	.60	10.2	-.1	0	2682.70	530.659	2102.466	2682.700
824	648	2	.80	-1.9	-.0	0	1699.80	499.355	1115.417	1699.800
825	648	3	.80	.1	-.0	0	1701.10	499.714	1116.304	1701.100
826	648	4	.80	2.1	-.0	0	1701.30	499.864	1116.302	1701.300
827	648	5	.80	4.0	-.0	0	1702.30	499.997	1117.194	1702.300
828	648	6	.80	6.1	-.0	0	1701.20	499.789	1116.303	1701.200
829	648	7	.80	8.1	-.0	0	1700.40	499.806	1115.407	1700.400
830	648	8	.80	10.1	-.0	0	1699.50	499.610	1114.715	1699.500
831	648	9	.80	12.1	-.0	0	1699.10	499.310	1114.721	1699.100
832	648	10	.80	14.1	-.0	0	1700.60	499.476	1116.111	1700.600
833	648	11	.80	16.1	-.0	0	1701.10	500.057	1115.800	1701.100
834	648	12	.80	18.1	-.0	0	1700.90	499.975	1115.702	1700.900
835	649	2	.80	-2.0	2.1	0	1702.30	500.340	1116.690	1702.300
836	649	3	.80	-.1	2.0	0	1702.40	500.278	1116.890	1702.400
837	649	4	.80	1.9	2.1	0	1703.40	500.685	1117.379	1703.400
838	649	5	.80	3.9	2.1	0	1702.80	500.715	1116.682	1702.800
839	649	6	.80	5.9	2.1	0	1699.00	499.235	1114.723	1699.000
840	649	7	.80	8.0	2.1	0	1701.30	499.727	1116.503	1701.300
841	649	8	.80	10.0	2.1	0	1699.10	499.447	1114.520	1699.100
842	649	9	.80	12.0	2.0	0	1701.20	499.926	1116.101	1701.200
843	649	10	.80	14.1	2.0	0	1701.20	499.789	1116.303	1701.200
844	649	11	.80	16.1	2.0	0	1701.50	500.288	1115.895	1701.500
845	649	12	.80	18.0	2.0	0	1699.10	499.379	1114.621	1699.100
846	650	2	.80	10.0	-.0	0	1699.90	499.430	1115.415	1699.900
847	650	3	.80	10.0	2.0	0	1699.70	499.486	1115.116	1699.700
848	651	2	.80	-1.8	-.1	0	2151.50	631.309	1412.917	2151.500
849	651	3	.80	.1	-.1	0	2151.60	633.439	1409.894	2151.600
850	651	4	.80	2.0	-.0	0	2150.30	634.378	1407.093	2150.300
851	651	5	.80	4.1	-.0	0	2149.30	634.858	1405.295	2149.300
852	651	6	.80	6.0	-.0	0	2150.50	636.506	1404.168	2150.500
853	651	7	.80	8.2	-.0	0	2151.50	634.595	1408.082	2151.500
854	651	8	.80	10.1	-.0	0	2150.10	631.766	1410.723	2150.100
855	651	9	.80	12.1	-.0	0	2149.80	631.403	1410.929	2149.800
856	651	10	.80	14.1	-.0	0	2149.80	631.061	1411.433	2149.800
857	651	11	.80	16.1	-.0	0	2149.10	629.986	1412.250	2149.100
858	651	12	.80	18.1	-.0	0	2150.80	629.203	1415.246	2150.800
859	651	13	.80	10.2	-.0	0	2153.60	632.749	1413.086	2153.600
860	652	3	.95	-1.9	-.1	0	1413.60	499.592	790.905	1413.600
861	652	4	.95	.1	-.1	0	1414.60	499.873	791.596	1414.600
862	652	5	.95	2.0	-.1	0	1415.10	500.262	791.490	1415.100
863	652	6	.95	4.0	-.0	0	1416.30	500.511	792.480	1416.300
864	652	7	.95	6.0	-.0	0	1413.30	499.448	790.808	1413.300
865	652	8	.95	8.0	-.0	0	1412.40	498.902	790.718	1412.400
866	652	9	.95	10.2	-.0	0	1412.60	499.146	790.515	1412.600
867	652	10	.95	12.1	-.1	0	1413.90	499.682	791.102	1413.900
868	652	11	.95	14.1	-.1	0	1414.70	499.995	791.495	1414.700

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
869	652	12	.95	16.0	-.1	0	1415.00	500.195	791.491	1415.000
870	652	13	.95	18.1	-.1	0	1414.60	499.708	791.897	1414.600
871	653	2	.95	-2.1	2.1	0	1412.00	499.297	789.517	1412.000
872	653	3	.95	-.1	2.0	0	1413.30	499.502	790.707	1413.300
873	653	4	.95	1.9	2.0	0	1414.50	499.807	791.597	1414.500
874	653	5	.95	3.9	2.1	0	1415.50	500.198	792.088	1415.500
875	653	6	.95	6.0	2.0	0	1414.40	500.071	790.996	1414.400
876	653	7	.95	8.0	2.1	0	1412.60	499.366	790.113	1412.600
877	653	8	.95	10.1	2.0	0	1413.10	499.369	790.710	1413.100
878	653	9	.95	12.0	2.0	0	1413.70	499.824	790.602	1413.700
879	653	10	.95	14.1	2.1	0	1413.70	499.604	791.004	1413.700
880	653	11	.95	16.0	2.0	0	1413.60	499.537	791.005	1413.600
881	653	12	.95	18.2	2.0	0	1413.80	499.395	791.505	1413.800
882	654	2	.95	10.1	-.0	0	1413.10	499.424	790.609	1413.100
883	654	3	.95	10.1	2.0	0	1416.60	500.490	792.879	1416.600
884	666	2	.25	-1.7	-.0	0	2983.50	124.737	2856.805	2983.500
885	666	3	.25	.2	-.0	0	2983.90	125.251	2856.675	2983.900
886	666	4	.25	2.3	-.0	0	2984.20	125.148	2857.082	2984.200
887	666	5	.25	4.2	-.0	0	2984.20	125.764	2856.446	2984.200
888	666	6	.25	6.3	-.0	0	2983.70	125.353	2856.370	2983.700
889	666	7	.25	8.2	-.0	0	2983.10	124.634	2856.511	2983.100
890	666	8	.25	10.2	-.0	0	2983.30	124.327	2857.029	2983.300
891	666	9	.25	12.2	0.0	0	2983.00	124.532	2856.517	2983.000
892	666	10	.25	14.2	.0	0	2982.90	124.839	2856.100	2982.900
893	666	11	.25	16.2	.0	0	2983.50	124.737	2856.805	2983.500
894	666	12	.25	18.2	.0	0	2985.00	124.841	2858.199	2985.000
895	667	2	.25	10.2	.0	0	2981.80	123.709	2856.165	2981.800
896	667	3	.25	10.1	2.1	0	2985.60	125.868	2857.740	2985.600
897	668	2	.25	-2.2	2.1	0	2986.50	125.048	2859.487	2986.500
898	668	3	.25	-.2	2.0	0	2983.50	124.635	2856.911	2983.500
899	668	4	.25	1.7	2.0	0	2982.90	125.558	2855.358	2982.900
900	668	5	.25	3.7	2.1	0	2982.80	125.353	2855.470	2982.800
901	668	6	.25	5.8	2.2	0	2983.80	126.277	2855.516	2983.800
902	668	7	.25	8.0	2.3	0	2983.30	125.148	2856.182	2983.300
903	668	8	.25	10.1	2.2	0	2983.60	124.737	2856.905	2983.600
904	668	9	.25	12.2	2.1	0	2983.40	125.045	2856.388	2983.400
905	668	10	.25	14.3	2.1	0	2983.10	125.353	2855.770	2983.100
906	668	11	.25	16.3	2.1	0	2984.80	125.354	2857.469	2984.800
907	672	3	.95	-2.9	-.1	0	1937.70	684.585	1084.563	1937.700
908	672	5	.95	-1.9	-.1	0	1939.60	685.082	1085.944	1939.600
909	672	6	.95	-.0	-.0	0	1940.20	685.537	1085.837	1940.200
910	672	8	.95	2.0	-.0	0	1942.30	686.167	1087.216	1942.300
911	672	10	.95	4.0	-.0	0	1942.80	686.611	1087.010	1942.800
912	672	12	.95	6.0	-.0	0	1940.70	685.816	1085.931	1940.700
913	672	14	.95	8.0	-.0	0	1938.20	683.817	1086.562	1938.200
914	672	17	.95	10.0	-.0	0	1937.80	684.762	1084.361	1937.800
915	672	19	.95	12.0	-.1	0	1941.10	685.972	1086.127	1941.100
916	672	20	.95	14.2	-.0	0	1939.90	685.557	1085.439	1939.900
917	672	22	.95	16.1	-.1	0	1938.10	683.308	1087.365	1938.100
918	672	24	.95	18.0	-.1	0	1942.10	686.474	1086.416	1942.100
919	674	3	1.10	-2.9	-.0	0	1711.80	678.851	802.268	1710.081
920	674	5	1.10	-2.0	-.0	0	1716.20	680.873	803.629	1714.433
921	674	6	1.10	.0	-.0	0	1717.30	681.398	803.919	1715.466
922	674	8	1.10	2.0	-.0	0	1713.60	679.904	802.253	1711.704
923	674	10	1.10	4.1	-.0	0	1713.10	679.729	801.958	1711.282
924	674	12	1.10	6.1	-.0	0	1711.30	678.677	801.972	1709.450
925	674	14	1.10	8.1	-.0	0	1712.50	679.182	802.461	1710.699
926	674	16	1.10	10.1	-.0	0	1714.30	680.038	802.946	1712.561
927	674	18	1.10	12.1	-.0	0	1712.80	679.357	802.459	1710.902
928	674	19	1.10	14.1	-.0	0	1713.40	679.590	802.753	1711.528
929	674	21	1.10	16.0	-.0	0	1713.80	679.666	803.149	1711.958
930	674	22	1.10	18.1	-.0	0	1713.10	679.415	802.756	1711.328

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
931	675	2	1.10	-1.9	-.0	0	1261.20	500.317	590.679	1259.828
932	675	3	1.10	-.0	-.0	0	1263.30	501.268	591.362	1261.895
933	675	4	1.10	2.1	-.0	0	1262.80	500.897	591.565	1261.413
934	675	5	1.10	4.0	-.0	0	1262.20	500.744	591.071	1260.817
935	675	6	1.10	6.0	-.0	0	1261.40	500.276	591.077	1260.067
936	675	7	1.10	8.0	-.0	0	1260.50	500.026	590.385	1259.201
937	675	8	1.10	10.0	-.0	0	1259.30	499.481	589.995	1257.913
938	675	9	1.10	12.0	-.0	0	1258.00	498.997	589.306	1256.596
939	675	10	1.10	14.1	-.0	0	1256.60	498.534	588.418	1255.309
940	675	11	1.10	16.0	-.0	0	1258.00	498.918	589.506	1256.718
941	675	12	1.10	18.1	-.0	0	1261.80	500.273	591.672	1260.421
942	676	2	1.10	10.1	.1	0	1260.00	499.733	590.389	1258.600
943	676	3	1.10	10.0	2.0	0	1258.50	499.329	589.202	1257.134
944	677	2	1.10	-2.0	2.0	0	1258.00	498.997	589.306	1256.596
945	677	3	1.10	-.1	2.0	0	1257.90	499.018	589.107	1256.475
946	677	4	1.10	1.9	2.0	0	1257.90	498.939	589.307	1256.598
947	677	5	1.10	3.9	2.0	0	1258.60	499.388	589.202	1257.286
948	677	6	1.10	5.9	2.0	0	1259.50	499.756	589.594	1258.123
949	677	7	1.10	8.0	2.1	0	1261.40	500.473	590.578	1260.070
950	677	8	1.10	10.0	2.0	0	1261.70	500.451	591.074	1260.366
951	677	9	1.10	12.0	2.0	0	1262.00	500.706	590.872	1260.697
952	677	10	1.10	14.1	2.0	0	1261.60	500.432	590.975	1260.307
953	677	11	1.10	16.0	2.0	0	1260.90	500.102	590.781	1259.589
954	677	12	1.10	17.8	2.0	0	1260.20	499.850	590.387	1258.901
955	679	2	1.15	-1.9	-.1	0	1228.70	500.276	540.464	1224.588
956	679	3	1.15	.0	-.1	0	1229.70	500.767	540.657	1225.620
957	679	4	1.15	2.1	-.1	0	1229.70	500.598	541.155	1225.708
958	679	5	1.15	4.1	-.1	0	1228.00	500.155	539.672	1223.832
959	679	6	1.15	6.0	-.1	0	1226.30	499.307	539.385	1222.291
960	679	7	1.15	8.0	-.1	0	1225.50	498.996	538.991	1221.399
961	679	8	1.15	10.0	-.0	0	1226.10	499.229	539.286	1222.067
962	679	9	1.15	12.0	-.1	0	1228.30	500.120	540.268	1224.292
963	679	10	1.15	14.0	-.1	0	1229.80	500.722	540.955	1225.701
964	679	11	1.15	16.0	-.1	0	1230.10	500.754	541.352	1226.005
965	679	12	1.15	18.0	-.1	0	1228.20	499.963	540.567	1224.227
966	680	2	1.15	10.0	-.0	0	1226.50	499.352	539.583	1222.444
967	680	3	1.15	10.0	1.9	0	1226.00	499.174	539.287	1221.921
968	681	2	1.15	-2.0	2.1	0	1228.40	500.109	540.466	1224.296
969	681	3	1.15	-.0	2.0	0	1230.80	501.010	541.745	1226.747
970	681	4	1.15	1.9	2.0	0	1230.20	500.979	540.853	1226.064
971	681	5	1.15	3.9	2.0	0	1229.50	500.521	541.057	1225.486
972	681	6	1.15	5.9	2.0	0	1227.50	499.504	540.771	1223.502
973	681	7	1.15	8.0	2.0	0	1227.60	499.831	539.974	1223.478
974	681	8	1.15	10.0	2.0	0	1229.50	500.622	540.758	1225.403
975	681	9	1.15	12.0	2.0	0	1228.30	500.053	540.467	1224.298
976	681	10	1.15	14.1	2.0	0	1226.90	499.507	539.779	1222.888
977	681	11	1.15	16.1	2.0	0	1225.60	498.815	539.688	1221.644
978	681	12	1.15	17.9	1.9	0	1227.00	499.428	540.177	1223.048
979	683	2	1.15	-2.9	-.1	0	1650.50	672.009	726.023	1645.029
980	683	5	1.15	-2.0	-.1	0	1651.40	672.343	726.514	1645.942
981	683	6	1.15	-.0	-.1	0	1651.30	672.489	725.918	1645.789
982	683	8	1.15	2.0	-.1	0	1650.00	671.898	725.529	1644.508
983	683	10	1.15	4.0	-.1	0	1648.80	671.329	725.238	1643.251
984	683	12	1.15	5.9	-.1	0	1649.40	671.596	725.433	1643.892
985	683	14	1.15	8.1	-.1	0	1650.10	671.785	726.025	1644.635
986	683	16	1.15	9.9	-.0	0	1650.50	671.975	726.122	1645.054
987	683	18	1.15	12.1	-.1	0	1649.10	671.328	725.733	1643.774
988	683	19	1.15	14.0	-.1	0	1648.90	671.283	725.536	1643.527
989	683	21	1.15	16.1	-.1	0	1650.00	671.797	725.827	1644.585
990	683	22	1.15	18.0	-.1	0	1650.20	671.740	726.323	1644.712
991	685	2	1.20	-2.9	-.1	0	1648.10	684.967	680.028	1636.378
992	685	4	1.20	-2.0	-.1	0	1652.50	686.894	681.492	1640.693

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
993	685	5	1.20	-.0	-.1	0	1647.10	684.461	679.934	1635.361
994	685	7	1.20	2.0	-.1	0	1651.70	686.495	681.397	1639.870
995	685	9	1.20	4.1	-.1	0	1651.20	686.479	680.507	1639.311
996	685	11	1.20	6.0	-.1	0	1648.80	685.367	679.925	1636.921
997	685	13	1.20	7.9	-.1	0	1649.80	685.761	680.415	1637.902
998	685	15	1.20	10.0	-.1	0	1652.30	686.759	681.593	1640.342
999	685	17	1.20	12.1	-.1	0	1651.60	686.525	681.100	1639.749
1000	685	18	1.20	14.0	-.1	0	1651.10	686.315	680.904	1639.277
1001	685	20	1.20	16.1	-.1	0	1648.80	685.228	680.421	1636.928
1002	685	21	1.20	18.0	-.1	0	1650.50	685.995	680.908	1638.693
1003	686	3	1.20	-2.0	-.1	0	1201.00	499.334	494.881	1192.290
1004	686	4	1.20	.0	-.1	0	1203.90	500.378	496.654	1195.262
1005	686	5	1.20	2.0	-.1	0	1200.60	498.982	495.380	1192.052
1006	686	6	1.20	4.0	-.1	0	1203.20	500.228	495.863	1194.512
1007	686	7	1.20	6.0	-.1	0	1202.30	499.804	495.669	1193.612
1008	686	8	1.20	7.9	-.1	0	1199.00	498.491	494.097	1190.258
1009	686	9	1.20	10.1	-.1	0	1199.90	498.776	494.788	1191.203
1010	686	10	1.20	12.0	-.1	0	1199.70	498.725	494.590	1191.014
1011	686	11	1.20	14.0	-.1	0	1200.00	498.857	494.688	1191.394
1012	686	12	1.20	16.0	-.1	0	1199.90	498.804	494.688	1191.250
1013	686	13	1.20	18.0	-.1	0	1200.10	498.799	495.084	1191.484
1014	687	2	1.20	10.0	-.0	0	1200.70	498.980	495.578	1192.097
1015	687	3	1.20	10.0	1.9	0	1202.80	500.043	495.766	1194.134
1016	688	2	1.20	-1.9	2.0	0	1200.70	499.008	495.479	1192.146
1017	688	3	1.20	-.0	2.0	0	1200.70	499.119	495.081	1192.052
1018	688	4	1.20	1.9	2.0	0	1200.90	499.142	495.378	1192.335
1019	688	5	1.20	4.0	2.0	0	1200.20	498.880	494.985	1191.533
1020	688	6	1.20	6.0	2.0	0	1200.40	498.959	495.083	1191.769
1021	688	7	1.20	8.0	2.0	0	1201.40	499.325	495.674	1192.760
1022	688	8	1.20	10.0	2.1	0	1202.90	500.012	496.063	1194.272
1023	688	9	1.20	12.0	2.0	0	1202.60	499.936	495.767	1193.848
1024	688	10	1.20	14.0	2.0	0	1202.10	499.614	495.968	1193.467
1025	688	11	1.20	15.9	1.9	0	1200.90	499.031	495.776	1192.285
1026	688	12	1.20	17.9	2.0	0	1200.20	498.825	495.183	1191.578
1027	689	3	1.30	-1.9	-.2	0	1170.90	499.886	422.868	1146.813
1028	689	4	1.30	.1	-.2	0	1170.00	499.574	422.080	1145.760
1029	689	5	1.30	2.0	-.1	0	1171.60	500.240	422.766	1147.351
1030	689	6	1.30	4.0	-.1	0	1174.80	501.573	424.140	1150.671
1031	689	7	1.30	6.1	-.1	0	1174.80	501.588	424.041	1150.539
1032	689	8	1.30	8.0	-.1	0	1174.40	501.410	423.943	1150.273
1033	689	9	1.30	10.1	-.1	0	1172.00	500.372	423.160	1147.877
1034	689	10	1.30	12.1	-.1	0	1169.80	499.416	422.476	1145.750
1035	689	11	1.30	14.1	-.1	0	1167.90	498.666	421.395	1143.765
1036	689	12	1.30	16.0	-.1	0	1169.60	499.350	422.279	1145.487
1037	689	13	1.30	18.1	-.1	0	1170.90	499.917	422.670	1146.819
1038	690	2	1.30	10.1	-.1	0	1172.70	500.710	423.158	1148.415
1039	690	3	1.30	10.1	1.9	0	1170.00	499.543	422.277	1145.888
1040	691	2	1.30	-2.0	2.1	0	1171.20	500.047	422.768	1147.085
1041	691	3	1.30	-.1	2.1	0	1172.30	500.532	423.061	1148.151
1042	691	4	1.30	2.0	2.1	0	1172.40	500.565	423.159	1148.282
1043	691	5	1.30	4.0	2.1	0	1172.60	500.662	423.158	1148.415
1044	691	6	1.30	6.0	2.1	0	1172.70	500.726	423.059	1148.418
1045	691	7	1.30	8.1	2.0	0	1172.10	500.482	422.765	1147.891
1046	691	8	1.30	10.1	2.0	0	1171.50	500.161	422.964	1147.345
1047	691	9	1.30	12.0	1.9	0	1171.30	500.110	422.668	1147.085
1048	691	10	1.30	14.2	1.9	0	1170.70	499.882	422.275	1146.425
1049	691	11	1.30	16.2	1.9	0	1169.30	499.251	421.983	1145.226
1050	691	12	1.30	18.1	1.9	0	1169.40	499.284	422.082	1145.224
1051	693	2	1.30	-2.9	-.2	0	1529.20	652.972	551.498	1497.427
1052	693	4	1.30	-2.0	-.2	0	1529.30	652.929	552.091	1497.796
1053	693	5	1.30	.0	-.2	0	1527.20	652.067	551.110	1495.666
1054	693	7	1.30	2.1	-.1	0	1526.50	651.805	550.619	1494.864

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
1055	693	9	1.30	4.1	-.1	0	1528.60	652.667	551.599	1496.993
1056	693	11	1.30	6.1	-.1	0	1529.20	652.896	551.992	1497.705
1057	693	13	1.30	8.1	-.1	0	1528.40	652.647	551.106	1496.717
1058	693	15	1.30	10.1	-.1	0	1528.00	652.346	551.799	1496.650
1059	693	17	1.30	12.2	-.1	0	1527.60	652.214	551.405	1496.112
1060	693	18	1.30	14.1	-.1	0	1526.90	651.937	551.012	1495.400
1061	693	20	1.30	16.1	-.1	0	1527.60	652.245	551.208	1496.109
1062	693	21	1.30	18.1	-.2	0	1527.80	652.265	551.701	1496.384
1063	695	3	1.40	-3.0	-.1	0	1491.90	643.216	468.793	1429.460
1064	695	5	1.40	-2.0	-.1	0	1491.80	643.168	468.991	1429.572
1065	695	6	1.40	-.0	-.1	0	1491.90	643.225	468.301	1429.272
1066	695	8	1.40	2.0	-.0	0	1491.60	643.081	468.991	1429.408
1067	695	10	1.40	4.0	-.0	0	1490.90	642.786	468.402	1428.596
1068	695	12	1.40	5.9	-.0	0	1490.70	642.693	468.698	1428.514
1069	695	14	1.40	8.0	-.0	0	1490.00	642.396	468.207	1427.673
1070	695	16	1.40	10.1	-.0	0	1489.60	642.223	468.110	1427.378
1071	695	18	1.40	12.1	-.0	0	1489.10	642.005	468.111	1426.889
1072	695	19	1.40	14.0	-.0	0	1488.90	641.923	467.816	1426.645
1073	695	21	1.40	16.1	-.0	0	1490.20	642.486	468.108	1427.863
1074	695	22	1.40	18.0	-.0	0	1490.30	642.520	468.601	1428.219
1075	695	24	1.40	9.9	-.0	0	1494.10	644.167	469.379	1431.576
1076	696	2	1.40	-1.9	-.1	0	1158.50	499.479	363.770	1109.857
1077	696	3	1.40	-.0	-.1	0	1158.30	499.388	363.968	1109.824
1078	696	4	1.40	1.9	-.0	0	1159.10	499.730	364.360	1110.764
1079	696	5	1.40	4.1	-.0	0	1157.70	499.127	363.870	1109.398
1080	696	6	1.40	6.0	-.0	0	1160.90	500.508	364.849	1112.383
1081	696	7	1.40	8.0	-.0	0	1161.20	500.639	364.848	1112.635
1082	696	8	1.40	10.0	-.0	0	1161.00	500.551	364.848	1112.507
1083	696	9	1.40	12.0	-.0	0	1161.00	500.551	364.848	1112.507
1084	696	10	1.40	14.0	-.0	0	1160.40	500.297	364.456	1111.822
1085	696	11	1.40	16.0	-.0	0	1160.20	500.209	364.456	1111.567
1086	696	12	1.40	18.0	-.0	0	1160.50	500.333	364.850	1112.131
1087	697	2	1.40	10.0	-.0	0	1161.80	500.897	365.044	1113.233
1088	697	3	1.40	10.0	1.9	0	1160.60	500.380	364.652	1112.037
1089	698	2	1.40	-2.0	2.0	0	1160.80	500.460	365.046	1112.473
1090	698	3	1.40	-.0	2.0	0	1161.70	500.852	365.143	1113.151
1091	698	4	1.40	2.0	2.0	0	1162.00	500.981	365.240	1113.447
1092	698	5	1.40	4.0	1.9	0	1162.30	501.112	365.240	1113.703
1093	698	6	1.40	6.0	2.0	0	1163.00	501.418	365.238	1114.208
1094	698	7	1.40	8.0	2.0	0	1162.50	501.207	364.845	1113.648
1095	698	8	1.40	10.0	2.1	0	1160.50	500.329	365.047	1112.220
1096	698	9	1.40	12.1	2.1	0	1159.30	499.827	363.866	1110.532
1097	698	10	1.40	13.9	2.0	0	1158.30	499.378	364.460	1110.177
1098	698	11	1.40	16.1	2.0	0	1158.50	499.481	363.671	1109.810
1099	698	12	1.40	18.1	2.0	0	1158.10	499.294	364.264	1109.835
1100	699	2	1.50	-2.0	.4	0	1166.90	500.647	317.920	1085.028
1101	699	3	1.50	-.0	.4	0	1166.70	500.556	317.822	1084.814
1102	699	4	1.50	2.1	.4	0	1165.60	500.085	317.529	1083.814
1103	699	5	1.50	4.0	.4	0	1165.90	500.216	317.627	1084.028
1104	699	6	1.50	6.0	.4	0	1165.00	499.774	316.939	1082.878
1105	699	7	1.50	8.0	.4	0	1164.50	499.651	317.532	1082.984
1106	699	8	1.50	10.0	.4	0	1164.20	499.458	316.941	1082.286
1107	699	9	1.50	12.0	.4	0	1164.80	499.757	317.432	1083.123
1108	699	10	1.50	14.0	.4	0	1164.80	499.757	317.432	1083.123
1109	699	11	1.50	16.0	.4	0	1164.20	499.483	317.138	1082.479
1110	699	12	1.50	18.0	.4	0	1164.60	499.641	317.137	1082.715
1111	700	2	1.50	10.0	.4	0	1166.10	500.307	317.725	1084.243
1112	700	3	1.50	9.8	2.4	0	1166.30	500.361	317.527	1084.287
1113	701	2	1.50	-2.1	1.6	0	1166.70	500.605	318.217	1085.080
1114	701	3	1.50	-.2	1.6	0	1166.60	500.529	317.921	1084.791
1115	701	4	1.50	1.8	1.6	0	1166.40	500.425	317.724	1084.479
1116	701	5	1.50	3.7	1.6	0	1166.30	500.410	317.922	1084.554

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
1117	701	6	1.50	5.7	1.8	0	1165.80	500.188	317.726	1084.126
1118	701	7	1.50	7.6	2.1	0	1165.20	499.878	317.136	1083.192
1119	701	8	1.50	9.7	2.3	0	1164.90	499.784	317.333	1083.145
1120	701	9	1.50	11.8	2.4	0	1164.80	499.708	317.038	1082.857
1121	701	10	1.50	14.0	2.4	0	1164.40	499.587	317.335	1082.792
1122	701	11	1.50	16.0	2.4	0	1164.20	499.495	317.237	1082.577
1123	701	12	1.50	18.0	2.4	0	1164.00	499.392	317.040	1082.264
1124	705	2	1.50	-3.0	.4	0	1312.80	563.221	357.487	1220.472
1125	705	4	1.50	-1.9	.4	0	1313.10	563.377	357.782	1220.938
1126	705	5	1.50	-.0	.4	0	1313.20	563.441	357.979	1221.204
1127	705	7	1.50	1.9	.4	0	1312.60	563.142	357.488	1220.340
1128	705	9	1.50	4.0	.4	0	1313.80	563.603	357.386	1221.208
1129	705	11	1.50	5.9	.4	0	1313.40	563.483	357.683	1221.141
1130	705	13	1.50	8.1	.4	0	1312.20	563.021	357.784	1220.269
1131	705	15	1.50	10.1	.4	0	1312.70	563.219	357.783	1220.671
1132	705	17	1.50	12.0	.4	0	1312.50	563.128	357.685	1220.472
1133	705	18	1.50	14.1	.4	0	1312.90	563.322	357.980	1220.937
1134	705	20	1.50	16.1	.4	0	1313.10	563.365	357.684	1220.874
1135	705	21	1.50	18.0	.4	0	1312.30	563.049	357.686	1220.340
1136	705	23	1.50	10.0	.4	0	1313.50	563.559	357.978	1221.471
1137	708	2	.25	-1.8	-1.9	0	2983.50	124.737	2856.805	2983.500
1138	708	3	.25	.2	-1.9	0	2983.80	125.969	2855.834	2983.800
1139	708	4	.25	2.2	-1.9	0	2983.90	126.790	2855.086	2983.900
1140	708	5	.25	4.2	-1.9	0	2982.90	125.353	2855.570	2982.900
1141	708	6	.25	6.1	-1.9	0	2984.60	124.328	2858.329	2984.600
1142	708	7	.25	7.9	-1.9	0	2983.20	124.634	2856.611	2983.200
1143	708	8	.25	9.8	-1.9	0	2983.90	124.943	2856.993	2983.900
1144	708	9	.25	11.7	-1.9	0	2983.50	123.608	2857.971	2983.500
1145	708	10	.25	13.8	-1.9	0	2986.40	123.405	2861.082	2986.400
1146	708	11	.25	15.8	-2.0	0	2986.00	123.508	2860.576	2986.000
1147	708	12	.25	17.7	-2.0	0	2985.40	124.123	2859.340	2985.400
1148	709	3	.25	-2.3	2.1	0	2984.50	123.712	2858.865	2984.500
1149	709	4	.25	-.2	2.0	0	2985.80	124.021	2859.846	2985.800
1150	709	5	.25	1.8	2.0	0	2985.00	124.328	2858.729	2985.000
1151	709	6	.25	3.8	2.1	0	2984.10	124.841	2857.299	2984.100
1152	709	7	.25	5.8	2.1	0	2983.60	125.250	2856.375	2983.600
1153	709	8	.25	8.0	2.2	0	2982.70	124.634	2856.111	2982.700
1154	709	9	.25	10.1	2.2	0	2984.60	124.738	2857.905	2984.600
1155	709	10	.25	12.1	2.1	0	2984.90	126.380	2856.510	2984.900
1156	709	11	.25	14.1	2.1	0	2984.20	124.943	2857.293	2984.200
1157	709	12	.25	16.1	2.0	0	2983.00	124.532	2856.517	2983.000
1158	709	13	.25	18.1	2.1	0	2986.10	124.432	2859.723	2986.100
1159	710	2	.25	10.3	.0	0	2983.40	124.635	2856.811	2983.400
1160	710	3	.25	10.1	2.1	0	2982.50	124.942	2855.593	2982.500
1161	710	4	.25	10.1	6.2	0	2985.00	124.944	2858.093	2985.000
1162	710	5	.25	9.7	-1.8	0	2983.10	123.916	2857.253	2983.100
1163	711	3	.25	-.2	6.1	0	2984.40	124.738	2857.705	2984.400
1164	711	4	.25	1.9	6.1	0	2983.10	125.660	2855.452	2983.100
1165	711	5	.25	3.8	6.2	0	2982.50	126.070	2854.428	2982.500
1166	711	6	.25	5.9	6.2	0	2982.70	124.942	2855.793	2982.700
1167	711	7	.25	7.9	6.2	0	2984.30	124.430	2857.923	2984.300
1168	711	8	.25	10.1	6.3	0	2984.80	123.712	2859.165	2984.800
1169	711	9	.25	12.2	6.2	0	2984.10	123.814	2858.358	2984.100
1170	711	10	.25	14.2	6.2	0	2983.60	123.916	2857.752	2983.600
1171	711	11	.25	16.2	6.2	0	2983.30	123.403	2857.982	2983.300
1172	714	2	.25	-2.1	-.0	180	2982.30	124.326	2856.029	2982.300
1173	714	3	.25	-.0	-.0	180	2983.80	125.148	2856.681	2983.800
1174	714	4	.25	2.0	-.0	180	2984.50	125.149	2857.381	2984.500
1175	714	5	.25	4.0	-.0	180	2984.30	124.738	2857.605	2984.300
1176	714	6	.25	6.0	-.0	180	2983.60	124.737	2856.905	2983.600
1177	714	7	.25	8.0	-.0	180	2983.80	124.943	2856.893	2983.800
1178	714	8	.25	10.1	-.1	180	2983.30	125.353	2855.970	2983.300

Table III(continued)

Ref	Run	Point	M_∞	α	β	ϕ	P_{t_1}	q_∞	P_∞	P_{t_2}
				deg	deg	deg	psf	psf	psf	psf
1179	715	2	.25	6.0	-5.8	0	2983.70	124.327	2857.429	2983.700
1180	715	3	.25	6.1	-3.8	0	2984.30	124.225	2858.135	2984.300
1181	715	4	.25	6.1	-2.8	0	2986.00	124.329	2859.729	2986.000
1182	715	5	.25	6.1	-1.8	0	2986.00	124.534	2859.517	2986.000
1183	715	6	.25	6.1	-.8	0	2985.00	124.739	2858.305	2985.000
1184	715	7	.25	6.2	-.4	0	2983.70	124.430	2857.323	2983.700
1185	715	8	.25	6.2	.1	0	2983.00	124.224	2856.835	2983.000
1186	715	9	.25	6.3	.5	0	2984.70	123.917	2858.853	2984.700
1187	715	10	.25	6.2	1.0	0	2985.40	124.841	2858.599	2985.400
1188	715	11	.25	6.2	1.8	0	2984.80	125.149	2857.681	2984.800
1189	715	12	.25	6.2	2.7	0	2984.50	125.149	2857.381	2984.500
1190	715	13	.25	6.1	3.7	0	2983.50	123.608	2857.971	2983.500
1191	715	14	.25	6.1	5.7	0	2985.00	123.301	2859.788	2985.000
1192	716	2	.25	-1.7	-.0	0	2984.00	124.430	2857.623	2984.000
1193	716	3	.25	.2	-.0	0	2985.50	124.636	2858.911	2985.500
1194	716	4	.25	2.2	-.0	0	2985.20	123.917	2859.353	2985.200
1195	716	5	.25	4.2	-.0	0	2985.30	124.841	2858.499	2985.300
1196	716	6	.25	6.2	-.0	0	2985.20	124.636	2858.611	2985.200
1197	716	7	.25	8.2	-.0	0	2984.40	124.635	2857.811	2984.400
1198	716	8	.25	10.2	-.0	0	2983.10	124.532	2856.617	2983.100
1199	716	9	.25	12.2	-.0	0	2982.50	124.018	2856.547	2982.500
1200	716	10	.25	14.3	-.0	0	2983.10	123.813	2857.359	2983.100
1201	716	11	.25	16.2	-.0	0	2984.40	123.506	2858.976	2984.400
1202	716	12	.25	18.2	-.0	0	2985.00	123.917	2859.152	2985.000

Table IV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
	R: 1192	R: 1193	R: 1194	R: 1195	R: 1196	R: 1197	R: 1198	R: 1199	R: 1200	R: 1201	R: 1202
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2840.7	2849.5	2857.5	2865.0	2872.4	2880.1	2886.4	2893.9	2902.5	2911.4	2919.4
3	2870.0	2874.9	2877.9	2879.3	2880.0	2879.9	2877.9	2875.8	2873.9	2871.6	2867.7
4	2870.2	2875.7	2879.2	2881.2	2882.1	2881.8	2879.3	2877.1	2875.1	2873.1	2869.5
5	2874.8	2878.2	2879.7	2880.1	2879.8	2878.9	2876.3	2873.9	2871.8	2869.5	2866.0
6	2873.6	2877.5	2879.4	2880.1	2880.1	2879.0	2875.4	2872.7	2870.5	2868.5	2864.9
7	2876.9	2879.4	2880.1	2879.7	2878.8	2877.2	2874.1	2871.2	2868.6	2866.2	2862.3
8	2877.7	2880.9	2881.9	2881.8	2880.8	2879.0	2875.3	2872.2	2869.8	2867.6	2864.0
9	2902.3	2897.9	2891.5	2884.5	2877.8	2870.8	2863.1	2856.3	2851.0	2846.6	2841.4
10	2838.0	2845.2	2851.5	2857.7	2863.8	2870.3	2875.6	2882.1	2890.0	2898.2	2905.7
11	2869.6	2872.5	2873.5	2873.7	2873.4	2872.5	2869.0	2865.8	2862.5	2860.2	2856.7
12	2870.6	2873.4	2874.5	2875.0	2874.3	2872.5	2868.6	2865.2	2862.0	2859.2	2855.2
13	2867.3	2870.3	2871.7	2872.0	2872.0	2871.3	2868.6	2866.2	2864.1	2862.5	2859.7
14	2867.6	2870.9	2872.7	2873.8	2873.1	2871.6	2868.3	2865.6	2863.6	2861.9	2858.6
15	2867.3	2870.0	2871.4	2871.5	2871.2	2870.1	2867.6	2865.3	2863.3	2861.5	2858.6
16	2866.0	2869.4	2870.8	2871.2	2870.8	2869.6	2866.5	2864.2	2862.5	2861.0	2858.0
17	2898.2	2896.6	2891.1	2884.9	2879.0	2873.0	2866.3	2860.6	2856.3	2852.9	2849.1
19	2855.8	2859.9	2861.8	2862.6	2862.9	2862.1	2859.3	2857.9	2857.4	2856.7	2854.0
20	2855.0	2859.9	2862.5	2863.4	2863.6	2863.6	2861.6	2860.4	2859.8	2858.9	2855.3
21	2852.2	2855.5	2857.5	2857.4	2858.4	2857.8	2856.2	2855.5	2854.7	2854.4	2853.1
22	2852.4	2855.8	2857.4	2857.9	2858.2	2857.9	2856.0	2855.0	2854.0	2854.0	2852.7
23	2844.0	2847.0	2848.5	2849.2	2849.6	2849.3	2847.7	2846.8	2846.7	2846.8	2845.7
24	2843.6	2846.8	2848.2	2848.5	2848.8	2848.3	2847.0	2845.4	2845.3	2845.4	2844.2
25	2840.7	2843.5	2844.7	2844.9	2845.0	2844.7	2843.0	2842.3	2841.9	2842.3	2841.3
26	2839.9	2843.0	2844.1	2844.4	2844.4	2844.1	2842.2	2841.2	2841.2	2841.4	2840.3
43	2862.3	2868.0	2871.7	2873.7	2874.8	2875.3	2874.2	2873.0	2871.7	2870.2	2867.4
44	2860.0	2866.3	2870.4	2872.9	2875.3	2875.1	2873.6	2872.1	2870.7	2869.3	2866.6
67	2839.2	2842.2	2843.5	2844.2	2844.0	2844.0	2842.3	2841.2	2840.9	2840.8	2839.4
68	2839.4	2842.6	2844.0	2844.7	2844.1	2844.6	2842.7	2841.6	2841.2	2841.1	2839.5
85	2876.7	2880.4	2882.3	2882.7	2882.6	2881.6	2878.9	2876.2	2873.7	2871.0	2866.8
86	2867.6	2875.7	2882.7	2886.8	2890.6	2893.3	2893.7	2894.2	2895.0	2895.6	2894.6
87	2851.0	2860.1	2867.8	2874.3	2880.2	2885.7	2889.5	2893.7	2898.6	2903.1	2906.3
88	2841.5	2848.6	2854.3	2859.5	2864.6	2869.7	2873.3	2877.9	2883.6	2889.3	2894.7
89	2836.1	2841.0	2844.8	2848.4	2852.1	2856.1	2859.0	2862.7	2868.4	2874.6	2880.2
90	2836.0	2840.8	2844.6	2847.8	2851.4	2855.4	2858.3	2862.9	2868.7	2874.8	2880.1
91	2837.5	2841.9	2845.4	2848.6	2852.1	2856.0	2859.0	2863.3	2869.2	2875.6	2880.8
921	2905.4	2900.2	2892.8	2884.7	2876.8	2868.8	2860.2	2852.5	2846.4	2840.8	2835.1

Table IV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 1192	R: 1193	R: 1194	R: 1195	R: 1196	R: 1197	R: 1198	R: 1199	R: 1200	R: 1201	R: 1202
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2844.2	2853.9	2862.7	2871.1	2879.2	2887.5	2894.4	2902.2	2911.2	2920.3	2928.5
93	2837.4	2844.5	2850.6	2856.6	2862.5	2868.8	2874.0	2880.4	2888.3	2896.4	2903.8
94	2843.6	2853.0	2861.5	2869.7	2877.6	2885.6	2892.2	2899.9	2908.8	2917.6	2925.7
95	2839.4	2845.8	2851.3	2856.2	2861.1	2865.9	2869.5	2874.0	2879.9	2885.9	2891.6
125	2844.4	2848.3	2850.5	2851.7	2852.3	2852.3	2850.5	2848.9	2847.9	2847.0	2844.9
126	2843.8	2848.0	2850.2	2851.5	2852.1	2852.0	2849.8	2848.2	2847.2	2846.5	2844.4
128	2909.3	2907.8	2904.6	2901.1	2897.7	2894.3	2890.1	2887.0	2885.4	2884.6	2883.1
132	2836.5	2838.4	2839.2	2839.9	2841.0	2842.5	2843.3	2845.6	2849.6	2854.4	2858.6
201	2971.7	2968.0	2961.8	2953.9	2945.2	2935.3	2924.0	2912.5	2901.4	2890.7	2878.4
202	2983.1	2982.4	2979.2	2974.3	2968.4	2961.4	2952.7	2943.5	2934.8	2926.2	2915.9
203	2983.6	2986.3	2986.8	2985.4	2982.8	2978.9	2973.1	2966.8	2960.6	2954.3	2946.2
204	2971.2	2977.7	2982.3	2984.9	2986.0	2985.9	2983.8	2981.1	2978.5	2975.6	2970.6
205	2945.0	2955.2	2963.8	2970.4	2975.6	2979.9	2981.7	2983.1	2984.6	2985.6	2984.9
206	2917.5	2929.4	2939.9	2948.8	2956.6	2963.6	2968.3	2973.0	2977.8	2982.2	2985.0
207	2895.8	2907.9	2918.8	2928.4	2937.2	2945.6	2951.9	2958.3	2965.4	2971.9	2977.3
208	2881.6	2893.4	2904.4	2914.3	2923.4	2932.3	2939.2	2946.6	2954.7	2962.4	2969.0
209	2940.6	2944.7	2946.7	2947.1	2946.5	2945.0	2941.6	2937.8	2934.0	2929.9	2923.9
210	2954.6	2959.5	2962.5	2963.7	2963.8	2963.0	2960.2	2956.9	2953.6	2949.9	2944.3
211	2966.1	2972.2	2976.2	2978.4	2979.3	2979.1	2976.8	2973.9	2971.0	2967.7	2962.3
212	2967.5	2973.9	2978.1	2980.5	2981.5	2981.2	2978.7	2975.7	2973.0	2970.0	2965.1
213	2956.2	2961.8	2965.2	2966.9	2967.1	2966.0	2962.6	2959.1	2955.8	2952.3	2947.1
214	2940.0	2944.9	2947.6	2948.4	2947.9	2946.0	2941.9	2937.8	2933.9	2930.0	2924.3
215	2904.2	2899.2	2892.1	2884.5	2877.3	2869.9	2861.5	2854.2	2848.1	2843.0	2837.0
216	2875.1	2880.2	2883.3	2884.8	2885.6	2885.5	2883.6	2881.6	2879.7	2877.4	2873.4
217	2875.9	2881.4	2884.8	2886.7	2887.4	2887.1	2884.4	2881.9	2879.8	2877.6	2873.7
218	2844.5	2853.8	2862.5	2870.6	2878.5	2886.7	2893.4	2901.0	2909.9	2918.8	2926.9
219	2848.4	2852.5	2853.9	2855.0	2855.3	2855.3	2853.9	2852.7	2852.4	2852.0	2850.2
220	2847.4	2851.9	2853.8	2855.0	2855.6	2855.1	2853.4	2852.2	2851.5	2851.5	2849.4
221	2836.0	2838.6	2839.4	2839.6	2839.5	2839.0	2837.3	2836.2	2835.9	2836.0	2834.9
222	2836.1	2838.8	2839.6	2839.7	2839.5	2839.5	2837.4	2836.2	2836.0	2835.9	2834.7
223	2833.1	2835.5	2836.0	2835.3	2835.4	2834.4	2832.2	2830.6	2829.7	2829.0	2827.1
224	2833.9	2836.4	2837.1	2836.3	2836.7	2835.8	2833.4	2831.8	2831.0	2830.4	2828.5
225	2889.9	2886.8	2882.0	2876.9	2872.0	2867.1	2861.5	2857.0	2854.1	2852.1	2849.5
226	2925.7	2919.9	2911.9	2903.1	2894.2	2884.9	2874.7	2865.2	2856.8	2849.3	2840.7
227	2937.9	2932.2	2924.1	2915.0	2905.9	2896.0	2885.2	2874.9	2865.6	2857.1	2847.3
228	2954.3	2948.9	2941.0	2931.8	2922.2	2911.6	2899.9	2888.3	2877.5	2867.3	2855.6

Table IV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 1192	R: 1193	R: 1194	R: 1195	R: 1196	R: 1197	R: 1198	R: 1199	R: 1200	R: 1201	R: 1202
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2856.9	2867.9	2878.0	2887.3	2896.3	2905.2	2912.5	2920.6	2929.6	2938.5	2946.5
230	2835.3	2840.8	2845.3	2849.7	2854.1	2859.0	2862.9	2868.0	2874.8	2882.3	2889.2
231	2904.0	2906.6	2907.4	2906.8	2905.5	2903.5	2899.8	2896.1	2892.5	2888.7	2883.5
232	2928.0	2931.3	2932.6	2932.3	2931.2	2929.2	2925.3	2921.3	2917.2	2913.0	2907.0
233	2926.1	2930.1	2931.9	2932.1	2930.9	2928.6	2924.1	2919.7	2915.7	2911.8	2906.3
234	2903.3	2906.8	2908.0	2907.8	2906.4	2904.0	2899.5	2895.3	2891.7	2888.2	2883.2
235	2844.7	2854.1	2857.5	2860.0	2861.3	2862.2	2861.1	2860.4	2859.6	2858.2	2855.1
236	2838.0	2845.3	2851.1	2855.8	2859.5	2862.7	2863.8	2865.6	2867.9	2869.9	2870.4
237	2833.7	2839.6	2844.5	2849.1	2853.5	2858.0	2861.2	2865.4	2871.8	2877.8	2883.0
238	2834.3	2839.6	2844.0	2848.0	2851.9	2856.3	2861.0	2865.7	2871.7	2878.4	2884.3
239	2835.7	2840.6	2844.5	2848.3	2852.2	2856.6	2860.0	2864.7	2871.0	2878.3	2884.7
240	2840.3	2843.4	2845.4	2847.3	2849.4	2852.0	2853.6	2856.8	2861.5	2866.8	2871.6
241	2832.1	2836.5	2842.5	2845.7	2848.3	2850.3	2850.6	2851.3	2852.6	2853.7	2853.3
242	2828.0	2827.6	2825.9	2824.2	2823.0	2822.0	2820.3	2820.2	2821.5	2823.8	2825.3
243	2743.4	2738.4	2731.8	2725.8	2720.5	2715.7	2710.7	2707.6	2706.4	2706.4	2705.9
244	2889.3	2886.7	2882.6	2878.3	2874.2	2870.1	2865.3	2861.7	2859.7	2858.5	2856.6
245	2887.6	2884.7	2880.1	2875.3	2870.7	2866.2	2860.9	2856.9	2854.3	2852.6	2850.3
246	2858.6	2861.6	2863.1	2863.7	2863.8	2863.3	2861.3	2859.9	2859.0	2858.1	2854.2
247	2848.3	2853.1	2855.6	2857.0	2858.5	2858.4	2856.3	2854.5	2853.1	2851.4	2848.0
248	2841.2	2844.4	2846.0	2846.7	2847.2	2847.0	2845.4	2844.4	2844.1	2844.3	2842.1
249	2842.2	2845.7	2847.2	2847.8	2848.1	2847.8	2846.0	2844.9	2844.6	2844.9	2841.6
250	2815.7	2820.8	2824.1	2826.3	2827.8	2828.7	2827.7	2827.0	2826.6	2826.3	2824.4
251	2822.4	2823.6	2823.3	2822.4	2821.4	2819.7	2817.2	2815.5	2814.7	2814.1	2812.4
252	287.3	288.8	289.4	289.3	288.6	297.9	295.5	293.8	293.0	292.0	300.0

Table V: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 1172	R: 1173	R: 1174	R: 1175	R: 1176	R: 1177	R: 1178
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2837.3	2846.0	2855.0	2862.6	2869.9	2878.1	2885.4
3	2866.7	2871.8	2876.1	2878.1	2878.5	2878.7	2877.0
4	2868.2	2872.8	2877.0	2878.6	2879.4	2880.2	2878.8
5	2871.8	2875.4	2878.1	2878.8	2878.2	2877.7	2875.4
6	2871.8	2874.7	2877.3	2877.7	2877.8	2877.8	2875.1
7	2874.1	2876.8	2878.6	2878.5	2877.2	2876.0	2873.1
8	2876.1	2877.9	2879.7	2879.3	2878.4	2877.6	2875.0
9	2901.4	2895.6	2889.9	2883.0	2876.2	2870.0	2862.6
10	2834.9	2841.9	2849.2	2855.3	2861.3	2868.3	2874.6
11	2866.9	2869.8	2871.9	2872.3	2871.7	2871.2	2868.1
12	2868.7	2870.5	2872.4	2872.6	2871.9	2871.1	2868.1
13	2864.6	2867.6	2869.9	2870.6	2870.2	2870.0	2867.6
14	2865.8	2868.1	2870.6	2871.6	2871.0	2870.5	2867.8
15	2864.5	2867.5	2869.8	2870.0	2869.5	2868.8	2866.6
16	2864.2	2866.5	2868.6	2868.8	2868.4	2868.3	2866.2
17	2897.2	2894.1	2889.5	2883.5	2877.4	2872.1	2865.8
19	2852.7	2856.9	2859.9	2861.0	2861.0	2860.6	2858.4
20	2852.8	2856.8	2860.4	2861.1	2861.3	2862.0	2860.7
21	2849.7	2852.6	2855.6	2855.7	2856.5	2856.5	2855.4
22	2850.2	2852.7	2855.3	2855.6	2855.8	2856.3	2855.3
23	2841.4	2844.2	2846.6	2847.4	2847.5	2847.8	2846.8
24	2841.4	2843.8	2846.0	2846.3	2846.4	2846.8	2846.1
25	2838.4	2840.7	2842.9	2843.2	2843.1	2843.3	2842.2
26	2837.6	2839.9	2842.0	2842.2	2842.3	2842.6	2841.5
43	2858.9	2864.7	2869.7	2872.2	2873.2	2874.1	2873.4
44	2857.6	2863.4	2868.3	2870.5	2872.7	2873.3	2872.9
67	2836.8	2839.4	2841.6	2842.4	2842.0	2842.6	2841.5
68	2837.0	2839.4	2841.8	2842.5	2841.9	2842.9	2841.8
85	2873.4	2877.5	2880.6	2881.5	2881.0	2880.3	2877.9
86	2865.0	2872.7	2880.6	2884.3	2887.8	2891.3	2893.0
87	2847.3	2856.5	2865.3	2872.3	2878.1	2884.1	2888.6
88	2838.6	2845.3	2852.1	2857.3	2862.2	2867.7	2872.3
89	2833.6	2837.9	2842.5	2846.1	2849.7	2854.2	2858.2
90	2833.1	2837.5	2842.3	2845.7	2849.1	2853.6	2857.4
91	2834.8	2838.7	2843.1	2846.4	2849.8	2854.2	2858.0
921	2904.5	2898.1	2891.4	2883.6	2875.4	2868.0	2859.7

Table V: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 1172	R: 1173	R: 1174	R: 1175	R: 1176	R: 1177	R: 1178
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2840.7	2850.4	2860.3	2868.7	2876.6	2885.4	2893.3
93	2834.4	2841.2	2848.3	2854.2	2860.0	2866.8	2873.0
94	2840.1	2849.5	2859.2	2867.4	2875.2	2883.7	2891.2
95	2836.4	2842.6	2848.9	2853.8	2858.5	2863.9	2868.4
125	2841.7	2845.5	2848.6	2850.0	2850.3	2850.8	2849.6
126	2841.5	2844.9	2848.0	2849.2	2849.8	2850.5	2849.3
128	2908.0	2905.5	2903.1	2899.5	2895.9	2893.2	2889.5
132	2834.2	2835.5	2837.1	2837.8	2838.8	2840.9	2842.4
201	2970.8	2966.2	2960.5	2952.7	2943.8	2934.8	2923.8
202	2981.8	2980.4	2978.0	2973.1	2966.9	2960.7	2952.4
203	2981.9	2984.1	2985.5	2984.0	2981.1	2978.0	2972.8
204	2968.7	2975.1	2980.7	2983.2	2984.0	2984.6	2983.2
205	2941.8	2952.2	2961.8	2968.5	2973.5	2978.3	2981.0
206	2914.1	2926.3	2938.0	2946.9	2954.3	2961.9	2967.6
207	2892.2	2904.5	2916.6	2926.2	2934.7	2943.6	2950.8
208	2877.9	2890.0	2902.1	2912.0	2920.9	2930.3	2938.3
209	2937.7	2942.2	2945.5	2946.2	2945.1	2943.8	2940.5
210	2951.6	2957.0	2961.2	2962.6	2962.4	2961.8	2959.2
211	2963.6	2969.9	2975.1	2977.3	2977.9	2978.1	2976.3
212	2965.4	2971.2	2976.4	2978.5	2979.2	2979.8	2978.2
213	2955.2	2959.9	2964.1	2965.4	2965.4	2965.4	2963.2
214	2939.2	2942.9	2946.2	2946.6	2946.0	2945.4	2942.5
215	2903.4	2897.1	2890.7	2883.2	2875.7	2869.0	2861.2
216	2871.7	2877.1	2881.5	2883.6	2884.1	2884.3	2882.6
217	2873.8	2878.4	2882.6	2884.1	2884.7	2885.4	2884.0
218	2840.9	2850.3	2860.0	2868.3	2876.0	2884.6	2892.4
219	2845.4	2849.6	2851.9	2853.2	2853.3	2853.9	2853.1
220	2845.4	2848.5	2851.6	2852.8	2853.1	2853.6	2852.9
221	2833.7	2835.9	2837.6	2837.9	2837.5	2837.7	2836.6
222	2833.8	2835.7	2837.5	2837.6	2837.3	2837.8	2836.5
223	2830.8	2832.7	2834.1	2833.9	2833.4	2833.1	2831.4
224	2831.6	2833.3	2834.9	2834.1	2834.5	2834.2	2832.5
225	2888.7	2884.6	2880.4	2875.3	2870.2	2866.0	2861.0
226	2925.3	2918.2	2910.8	2902.0	2893.0	2884.4	2874.6
227	2937.4	2930.4	2922.9	2913.9	2904.5	2895.5	2884.9
228	2953.7	2947.1	2939.8	2930.6	2920.7	2911.0	2899.6

Table V: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 1172	R: 1173	R: 1174	R: 1175	R: 1176	R: 1177	R: 1178
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2853.1	2864.2	2875.3	2884.7	2893.4	2902.7	2911.0
230	2832.5	2837.5	2843.0	2847.4	2851.7	2857.2	2861.9
231	2900.9	2904.0	2906.0	2905.9	2904.2	2902.3	2898.8
232	2925.0	2928.7	2931.3	2931.4	2929.8	2927.9	2924.3
233	2924.8	2927.5	2929.8	2929.5	2928.3	2927.2	2923.9
234	2901.9	2904.0	2905.9	2905.2	2903.9	2902.7	2899.5
235	2841.3	2850.9	2855.5	2858.1	2859.4	2860.9	2860.3
236	2834.8	2841.7	2848.5	2853.5	2857.2	2861.1	2863.0
237	2831.0	2836.4	2842.0	2846.6	2850.9	2856.0	2860.1
238	2831.8	2836.6	2841.8	2845.8	2849.7	2854.4	2860.2
239	2832.8	2837.2	2841.9	2845.8	2849.5	2854.4	2858.7
240	2838.0	2840.4	2843.3	2845.1	2847.2	2850.3	2852.8
241	2829.0	2834.8	2839.9	2843.2	2845.8	2848.5	2849.6
242	2826.2	2824.9	2824.0	2822.3	2821.0	2820.6	2819.6
243	2742.3	2735.9	2730.0	2723.9	2718.7	2714.4	2709.7
244	2868.1	2864.5	2861.1	2876.7	2872.4	2869.1	2864.8
245	2866.4	2862.4	2878.5	2873.6	2868.8	2865.0	2860.2
246	2856.1	2858.8	2861.2	2862.0	2861.8	2861.7	2860.2
247	2845.3	2849.9	2853.5	2854.9	2856.5	2856.9	2855.3
248	2838.7	2841.6	2844.1	2844.9	2845.0	2845.4	2844.4
249	2839.9	2842.5	2845.0	2845.5	2845.7	2846.2	2845.1
250	2813.1	2818.2	2822.4	2824.6	2825.8	2827.2	2826.7
251	2820.4	2820.9	2821.4	2820.5	2819.3	2818.2	2816.4
252	283.8	285.4	287.1	287.0	286.1	295.9	294.5

Table VI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1148	R: 1149	R: 1150	R: 1151	R: 1152	R: 1153	R: 1154	R: 1155	R: 1156	R: 1157	R: 1158
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2839.5	2849.0	2855.3	2861.6	2868.7	2876.6	2887.6	2894.0	2902.1	2908.8	2919.3
3	2863.0	2868.6	2870.0	2870.7	2870.7	2869.5	2871.2	2868.3	2865.6	2861.1	2859.1
4	2876.7	2882.3	2884.6	2885.8	2886.7	2887.4	2889.5	2886.2	2883.5	2879.3	2878.7
5	2867.3	2871.5	2871.7	2871.4	2870.5	2868.6	2870.1	2867.0	2864.2	2860.0	2858.6
6	2881.6	2885.1	2885.6	2885.3	2884.9	2884.3	2885.2	2881.2	2878.1	2873.6	2873.0
7	2869.2	2872.7	2872.3	2871.3	2869.9	2867.3	2868.3	2864.9	2861.9	2857.5	2856.0
8	2888.2	2888.6	2888.3	2887.1	2885.9	2884.4	2884.7	2880.1	2876.6	2871.9	2871.0
9	2904.5	2899.2	2891.7	2884.0	2876.4	2868.2	2863.5	2856.1	2850.2	2843.8	2840.6
10	2837.2	2845.0	2849.8	2854.7	2860.6	2867.1	2878.8	2882.2	2889.5	2895.4	2905.5
11	2863.7	2867.1	2866.7	2866.1	2865.1	2863.1	2863.2	2859.1	2855.3	2851.0	2849.5
12	2877.4	2880.1	2880.0	2879.3	2878.6	2877.4	2877.8	2873.2	2869.4	2864.2	2863.1
13	2861.0	2864.6	2864.7	2864.3	2863.6	2862.0	2863.1	2860.0	2857.4	2853.8	2853.1
14	2874.6	2877.5	2877.8	2877.2	2876.8	2876.0	2877.1	2873.3	2870.4	2866.2	2865.8
15	2860.4	2864.3	2864.2	2863.8	2862.9	2861.1	2862.5	2859.7	2857.3	2853.7	2853.0
16	2873.5	2876.4	2876.4	2875.7	2875.1	2874.2	2875.1	2871.3	2868.8	2864.7	2864.3
17	2898.6	2897.2	2890.9	2884.3	2877.5	2870.5	2866.6	2860.4	2855.7	2850.3	2849.7
19	2850.3	2855.6	2858.2	2856.2	2855.8	2853.8	2855.6	2853.0	2852.0	2848.2	2848.8
20	2860.4	2864.8	2865.7	2865.8	2865.9	2866.2	2868.4	2868.3	2864.9	2861.8	2861.1
21	2848.4	2851.6	2852.3	2851.8	2851.8	2850.7	2853.2	2851.5	2850.1	2847.5	2848.7
22	2857.5	2860.6	2861.3	2861.0	2861.1	2860.7	2862.8	2860.6	2858.3	2856.6	2857.8
23	2840.6	2844.0	2844.0	2843.6	2843.5	2842.7	2845.2	2843.0	2842.5	2840.6	2841.8
24	2848.4	2851.4	2851.4	2851.0	2851.0	2850.7	2852.9	2850.4	2849.6	2847.5	2849.0
25	2838.0	2840.9	2840.7	2840.1	2839.6	2838.8	2841.1	2839.3	2838.3	2836.7	2838.0
26	2844.2	2847.0	2846.9	2846.3	2846.1	2845.7	2847.8	2845.6	2844.8	2842.8	2844.4
43	2857.0	2863.1	2865.0	2866.0	2866.3	2866.0	2868.6	2866.2	2864.0	2860.1	2859.1
44	2864.6	2871.3	2874.5	2876.4	2878.0	2879.8	2882.8	2880.6	2878.8	2875.2	2875.6
67	2836.9	2840.0	2839.8	2839.3	2838.4	2837.9	2840.0	2837.7	2836.7	2834.4	2835.3
68	2842.6	2845.9	2846.2	2846.0	2846.1	2846.0	2848.2	2845.9	2845.1	2842.9	2844.2
85	2868.4	2873.0	2873.5	2873.5	2872.7	2870.7	2871.9	2868.7	2865.6	2860.7	2858.7
86	2871.6	2880.7	2886.0	2890.6	2894.0	2897.9	2903.4	2903.4	2903.7	2902.3	2904.6
87	2847.8	2857.1	2862.7	2867.7	2872.9	2877.8	2885.4	2888.4	2892.0	2893.8	2898.7
88	2841.6	2849.3	2853.8	2858.2	2863.2	2868.7	2877.0	2880.7	2886.0	2890.3	2898.2
89	2837.0	2841.7	2843.7	2845.9	2849.1	2852.6	2858.9	2861.7	2866.6	2870.4	2878.4
90	2835.0	2840.3	2842.8	2845.5	2849.1	2852.9	2860.2	2863.4	2868.8	2873.2	2881.7
91	2837.5	2842.1	2844.0	2846.2	2849.3	2853.0	2860.1	2863.2	2868.5	2872.2	2880.5
921	2907.1	2900.7	2892.4	2884.0	2875.6	2866.6	2861.2	2853.0	2846.2	2838.9	2836.4

Table VI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1148	R: 1149	R: 1150	R: 1151	R: 1152	R: 1153	R: 1154	R: 1155	R: 1156	R: 1157	R: 1158
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2843.0	2853.4	2860.5	2867.5	2875.5	2884.0	2895.6	2902.5	2910.9	2917.7	2928.5
93	2836.4	2844.0	2848.7	2853.4	2859.1	2865.5	2875.0	2880.4	2887.6	2893.4	2903.5
94	2842.9	2853.2	2860.0	2866.9	2874.5	2882.8	2894.3	2901.0	2909.3	2915.8	2926.5
95	2839.3	2846.5	2850.5	2854.5	2859.2	2864.4	2872.5	2876.2	2881.7	2886.1	2894.4
125	2839.0	2843.6	2844.6	2845.1	2845.4	2845.2	2847.8	2845.4	2844.2	2841.5	2842.0
126	2849.9	2853.7	2854.5	2854.5	2854.8	2854.6	2856.1	2852.9	2851.0	2847.7	2848.0
128	2910.2	2908.2	2903.9	2899.7	2895.7	2891.6	2891.2	2887.5	2885.2	2882.1	2883.1
132	2837.1	2838.9	2838.2	2837.8	2838.5	2839.6	2844.4	2845.4	2848.8	2851.4	2858.2
201	2972.8	2969.0	2961.7	2953.7	2944.4	2933.2	2924.7	2913.2	2901.4	2888.4	2878.7
202	2983.5	2982.8	2978.5	2973.5	2967.1	2959.0	2953.5	2944.5	2934.9	2923.7	2916.1
203	2983.4	2986.5	2985.6	2984.0	2981.0	2976.4	2974.3	2968.2	2961.1	2952.1	2946.8
204	2970.0	2977.4	2980.3	2982.6	2983.4	2983.1	2985.1	2982.6	2978.9	2973.3	2971.1
205	2942.9	2954.3	2961.0	2967.0	2972.1	2976.3	2983.0	2984.4	2984.9	2983.2	2985.2
206	2915.4	2928.6	2937.2	2945.2	2952.9	2960.3	2970.1	2974.4	2978.4	2980.1	2985.6
207	2893.8	2907.1	2916.1	2924.7	2933.2	2942.0	2953.4	2959.4	2965.6	2969.6	2977.5
208	2879.4	2892.5	2901.5	2910.2	2919.2	2928.5	2940.5	2947.3	2954.6	2959.9	2969.0
209	2932.1	2937.2	2937.9	2937.9	2936.7	2933.6	2934.3	2930.6	2926.1	2919.3	2915.7
210	2947.2	2953.2	2954.7	2955.6	2955.2	2953.1	2954.4	2951.4	2947.2	2940.8	2937.6
211	2962.0	2969.0	2971.6	2973.3	2973.8	2972.8	2974.7	2972.1	2968.2	2962.0	2959.3
212	2970.1	2976.9	2979.6	2981.5	2982.2	2982.1	2983.8	2980.8	2977.0	2971.1	2969.2
213	2962.9	2968.6	2970.6	2971.7	2971.7	2971.2	2972.1	2968.1	2963.8	2957.7	2955.6
214	2949.2	2953.9	2955.1	2955.3	2954.7	2953.6	2953.6	2948.7	2943.8	2937.3	2934.8
215	2905.6	2900.0	2892.1	2884.0	2875.8	2867.1	2861.7	2853.7	2847.1	2840.1	2836.8
216	2867.4	2873.3	2874.8	2875.6	2875.7	2874.6	2876.5	2873.8	2871.1	2866.4	2864.4
217	2882.7	2888.3	2890.4	2891.6	2892.4	2892.9	2894.8	2891.3	2888.4	2883.9	2883.2
218	2842.8	2853.0	2859.8	2866.6	2874.2	2882.5	2893.8	2900.5	2908.7	2915.3	2925.8
219	2844.4	2848.9	2848.9	2849.0	2848.7	2848.1	2850.5	2848.3	2847.3	2844.7	2845.1
220	2852.1	2856.7	2856.9	2857.6	2857.8	2857.8	2860.7	2858.4	2857.1	2854.7	2855.5
221	2833.9	2836.5	2835.9	2835.1	2834.3	2833.4	2835.3	2833.0	2832.2	2830.2	2831.4
222	2839.7	2842.4	2842.0	2841.3	2841.0	2840.4	2842.7	2840.3	2839.5	2837.4	2838.9
223	2831.6	2833.8	2832.8	2830.7	2830.2	2828.6	2830.0	2827.0	2825.4	2822.6	2822.8
224	2837.1	2839.6	2839.2	2838.4	2838.2	2837.3	2839.0	2836.3	2835.1	2832.6	2833.5
225	2892.0	2888.2	2882.2	2876.3	2870.7	2864.9	2862.7	2857.5	2853.9	2849.7	2849.5
226	2928.7	2922.1	2913.1	2903.9	2894.3	2883.6	2876.1	2866.1	2857.1	2847.5	2841.5
227	2940.5	2934.0	2925.0	2915.7	2905.8	2894.6	2886.4	2875.7	2865.8	2855.0	2848.0
228	2956.5	2950.6	2941.7	2932.3	2922.1	2910.1	2900.9	2889.1	2877.6	2865.1	2856.1

Table VI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1148	R: 1149	R: 1150	R: 1151	R: 1152	R: 1153	R: 1154	R: 1155	R: 1156	R: 1157	R: 1158
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2855.2	2867.1	2875.3	2883.4	2892.1	2901.3	2913.6	2920.8	2929.1	2935.7	2946.1
230	2835.2	2840.9	2844.0	2847.1	2851.3	2856.1	2864.2	2868.3	2874.4	2879.9	2889.1
231	2894.5	2898.2	2897.8	2896.9	2894.9	2891.5	2891.9	2887.9	2883.8	2877.9	2874.9
232	2919.0	2923.3	2923.4	2922.8	2921.1	2917.5	2917.7	2913.7	2909.0	2902.2	2898.5
233	2935.5	2939.0	2939.3	2938.7	2937.5	2935.9	2935.3	2929.9	2925.0	2918.5	2916.0
234	2913.1	2915.9	2915.7	2914.6	2913.2	2911.4	2910.8	2905.4	2900.7	2894.7	2892.6
235	2843.8	2851.8	2853.3	2854.5	2855.0	2854.9	2857.4	2854.9	2852.8	2848.7	2847.1
236	2838.4	2845.4	2848.8	2851.8	2854.5	2856.7	2861.3	2861.2	2862.1	2861.4	2863.2
237	2834.9	2840.7	2843.7	2846.5	2850.2	2854.1	2860.9	2864.5	2869.1	2872.7	2879.9
238	2835.5	2840.7	2843.2	2845.8	2849.7	2854.8	2862.1	2865.2	2870.5	2874.8	2883.0
239	2835.6	2840.6	2843.0	2845.6	2849.2	2853.4	2860.8	2864.3	2870.0	2875.1	2883.9
240	2840.9	2843.9	2844.4	2845.1	2846.8	2849.0	2854.7	2856.6	2860.6	2863.9	2871.3
241	2834.6	2839.8	2841.6	2842.9	2844.3	2845.2	2848.5	2847.2	2847.1	2845.4	2846.5
242	2829.4	2828.5	2825.5	2822.8	2821.0	2819.5	2821.7	2820.0	2820.8	2821.0	2825.0
243	2746.6	2740.4	2732.7	2725.3	2719.3	2713.7	2711.8	2706.6	2705.2	2703.8	2705.3
244	2891.2	2888.0	2882.7	2877.6	2872.8	2867.9	2866.7	2862.3	2859.6	2856.2	2856.9
245	2889.6	2885.9	2880.1	2874.5	2869.2	2863.7	2862.0	2857.1	2853.9	2850.0	2850.2
246	2854.1	2856.9	2857.0	2856.9	2856.5	2855.4	2857.5	2855.1	2853.8	2850.5	2849.2
247	2845.1	2850.0	2850.7	2851.2	2851.7	2850.7	2852.3	2849.4	2847.2	2843.1	2841.7
248	2837.1	2840.8	2841.0	2840.9	2840.9	2840.5	2842.9	2841.0	2840.5	2838.5	2838.8
249	2847.8	2850.8	2851.0	2850.5	2850.4	2850.0	2851.9	2849.3	2848.2	2846.1	2845.1
250	2810.4	2816.7	2818.8	2820.3	2821.7	2822.7	2826.0	2824.5	2824.2	2822.2	2823.2
251	2822.1	2823.0	2821.2	2819.3	2817.5	2815.2	2816.4	2813.1	2811.8	2809.2	2809.7
252	286.0	288.4	287.2	285.7	284.9	294.6	297.2	294.7	293.2	299.8	290.3

Table VII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1137	R: 1138	R: 1139	R: 1140	R: 1141	R: 1142	R: 1143	R: 1144	R: 1145	R: 1146	R: 1147
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2839.9	2846.4	2853.6	2861.4	2871.6	2878.1	2885.9	2893.9	2904.9	2912.0	2917.8
3	2875.7	2878.5	2881.1	2883.2	2887.0	2885.9	2885.5	2884.6	2884.9	2881.3	2876.5
4	2863.7	2866.6	2869.2	2871.2	2875.1	2873.7	2873.1	2872.5	2872.9	2869.1	2863.6
5	2881.3	2882.4	2883.4	2884.1	2886.8	2884.7	2883.6	2882.2	2882.1	2878.5	2873.7
6	2866.4	2867.9	2869.2	2870.1	2873.9	2871.8	2869.9	2869.0	2869.2	2865.4	2860.2
7	2883.9	2884.0	2884.0	2883.9	2885.7	2882.9	2881.0	2879.1	2878.6	2874.6	2869.6
8	2870.2	2870.9	2871.5	2871.7	2874.1	2871.6	2870.1	2869.0	2869.0	2865.2	2860.0
9	2902.2	2895.1	2888.0	2881.4	2877.9	2870.1	2863.9	2859.0	2855.5	2849.4	2842.8
10	2837.2	2842.0	2847.6	2854.0	2863.2	2868.4	2875.0	2882.4	2892.5	2898.9	2904.2
11	2875.2	2875.8	2876.2	2876.8	2879.7	2877.7	2876.1	2873.9	2873.2	2869.1	2864.5
12	2864.3	2864.6	2865.0	2865.7	2868.2	2865.4	2863.3	2861.7	2860.8	2856.3	2850.6
13	2873.0	2873.8	2874.4	2875.2	2878.0	2876.3	2875.1	2873.8	2873.9	2870.8	2866.7
14	2861.3	2862.1	2863.3	2864.8	2867.8	2865.1	2863.3	2862.5	2862.7	2859.3	2854.4
15	2873.2	2873.7	2874.2	2874.7	2877.1	2875.0	2873.8	2872.5	2872.6	2869.2	2864.8
16	2859.3	2860.2	2861.1	2861.9	2865.0	2863.0	2862.0	2861.5	2862.1	2859.1	2854.6
17	2900.1	2893.5	2887.1	2881.4	2878.8	2871.9	2866.9	2863.0	2860.6	2855.6	2850.1
19	2860.2	2861.8	2863.0	2864.4	2867.9	2866.1	2864.4	2864.4	2866.1	2864.0	2859.9
20	2849.0	2851.7	2853.9	2855.0	2858.7	2857.5	2857.4	2857.8	2859.4	2856.8	2852.0
21	2855.9	2856.8	2858.1	2858.6	2862.9	2861.0	2860.8	2861.5	2862.9	2861.1	2858.0
22	2848.2	2848.9	2849.9	2850.6	2854.3	2853.0	2852.7	2853.4	2854.6	2852.8	2850.0
23	2847.4	2848.0	2848.8	2850.0	2853.8	2852.1	2851.8	2852.9	2854.7	2853.1	2850.4
24	2839.9	2840.5	2841.1	2841.7	2845.5	2844.0	2844.0	2844.5	2846.3	2844.8	2842.0
25	2843.7	2844.1	2844.6	2845.3	2848.8	2847.0	2846.7	2847.7	2849.5	2848.1	2845.4
26	2836.0	2836.5	2837.1	2837.7	2841.4	2840.0	2839.7	2840.5	2842.4	2841.0	2838.3
43	2866.3	2870.1	2873.5	2876.4	2880.9	2880.5	2881.1	2881.3	2882.5	2879.6	2875.7
44	2855.1	2858.6	2861.6	2864.1	2869.2	2867.7	2867.8	2867.8	2868.6	2865.4	2860.9
67	2841.5	2842.2	2842.8	2844.1	2848.0	2846.3	2846.2	2846.9	2848.8	2847.1	2844.2
68	2836.0	2836.4	2837.2	2838.1	2841.1	2840.1	2839.7	2840.2	2841.8	2840.0	2836.8
85	2883.6	2885.1	2886.3	2887.3	2890.1	2888.0	2886.8	2885.1	2884.6	2880.5	2875.3
86	2862.4	2868.6	2873.2	2877.5	2883.7	2885.0	2887.1	2888.8	2891.9	2890.7	2887.6
87	2851.9	2859.3	2866.9	2874.3	2883.5	2888.4	2894.1	2899.4	2906.9	2910.0	2911.7
88	2840.2	2844.4	2849.3	2854.6	2862.4	2865.9	2870.8	2876.1	2884.1	2888.4	2891.1
89	2834.5	2837.2	2840.6	2844.8	2852.0	2854.9	2859.3	2864.9	2872.8	2877.1	2880.7
90	2835.8	2837.9	2840.9	2844.3	2851.1	2853.5	2857.5	2862.7	2870.3	2874.2	2877.5
91	2836.6	2838.5	2841.4	2845.1	2851.9	2854.6	2858.7	2864.0	2871.4	2876.0	2879.6
921	2905.0	2897.2	2889.4	2882.0	2877.5	2868.4	2861.3	2855.5	2850.8	2843.8	2836.2

Table VII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\beta = -2.0^\circ$, $M_\infty = .25$, $q_\infty = 125.0$
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1137	R: 1138	R: 1139	R: 1140	R: 1141	R: 1142	R: 1143	R: 1144	R: 1145	R: 1146	R: 1147
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2843.3	2850.7	2858.9	2867.5	2878.3	2885.3	2893.7	2902.1	2913.5	2920.8	2926.8
93	2836.3	2840.9	2846.4	2852.7	2861.7	2866.8	2873.3	2880.6	2890.6	2896.9	2902.1
94	2842.8	2849.7	2857.5	2865.8	2876.4	2883.2	2891.3	2899.5	2910.5	2917.7	2923.5
95	2838.1	2841.9	2846.5	2851.4	2859.1	2862.5	2867.3	2872.9	2880.8	2885.5	2888.5
125	2849.4	2850.8	2852.0	2853.4	2857.1	2855.5	2854.9	2854.6	2855.5	2852.9	2849.1
126	2837.9	2839.9	2841.5	2843.3	2847.8	2847.0	2847.0	2847.2	2848.7	2846.4	2842.9
128	2909.4	2905.3	2901.5	2898.3	2897.9	2893.8	2891.3	2889.4	2889.8	2887.2	2884.0
132	2835.7	2835.0	2835.1	2836.2	2840.8	2841.0	2843.1	2846.8	2852.7	2855.7	2857.8
201	2972.0	2966.3	2959.5	2951.9	2945.6	2935.1	2925.9	2916.1	2906.8	2894.6	2881.7
202	2983.5	2980.8	2977.1	2972.4	2968.6	2960.9	2954.4	2946.5	2939.7	2929.5	2918.5
203	2984.1	2984.9	2984.9	2983.6	2982.7	2978.2	2974.7	2969.3	2965.2	2957.4	2948.4
204	2971.6	2976.3	2980.4	2983.0	2985.7	2984.9	2985.1	2982.9	2982.6	2978.1	2972.1
205	2944.6	2953.1	2961.1	2967.8	2974.6	2978.0	2982.2	2983.9	2987.9	2987.3	2985.2
206	2917.4	2927.3	2937.4	2946.4	2955.8	2961.9	2968.9	2973.6	2981.0	2983.8	2984.9
207	2895.4	2905.4	2915.8	2925.7	2936.3	2943.6	2951.9	2958.5	2968.1	2973.0	2976.4
208	2880.7	2890.5	2900.9	2910.9	2922.2	2930.0	2938.8	2946.4	2957.0	2963.1	2967.6
209	2948.5	2950.5	2952.1	2952.7	2954.2	2951.8	2950.2	2946.8	2945.0	2939.5	2933.1
210	2960.9	2964.0	2966.5	2967.9	2969.8	2968.3	2967.3	2964.4	2963.2	2958.0	2951.9
211	2970.2	2974.4	2978.0	2980.3	2982.8	2981.9	2981.8	2979.2	2978.5	2973.6	2967.6
212	2964.6	2969.0	2972.9	2975.3	2978.0	2977.0	2977.0	2974.8	2974.4	2969.7	2963.5
213	2951.2	2954.7	2957.7	2959.4	2961.7	2959.8	2959.1	2956.7	2955.8	2950.6	2943.9
214	2933.2	2935.9	2938.0	2939.0	2940.7	2938.2	2936.7	2934.1	2932.6	2927.0	2919.7
215	2904.8	2897.2	2889.4	2882.2	2878.1	2869.6	2862.9	2857.3	2853.0	2846.2	2838.8
216	2881.2	2884.2	2886.8	2889.0	2892.9	2891.8	2891.5	2890.5	2890.8	2887.3	2882.4
217	2868.7	2871.6	2874.1	2876.0	2879.9	2878.3	2877.7	2877.0	2877.2	2873.2	2867.5
218	2842.9	2850.7	2858.9	2867.4	2878.1	2885.0	2893.2	2901.6	2912.9	2920.1	2926.0
219	2851.5	2853.5	2854.2	2856.0	2859.8	2858.3	2858.8	2859.2	2860.8	2859.1	2855.9
220	2843.4	2844.4	2846.4	2847.3	2851.4	2850.1	2850.0	2850.4	2851.9	2850.0	2846.6
221	2838.2	2838.4	2838.5	2839.3	2842.9	2841.0	2841.0	2841.6	2843.5	2842.0	2839.2
222	2832.9	2833.0	2833.0	2833.4	2836.8	2835.5	2834.8	2835.4	2837.2	2835.5	2832.5
223	2835.0	2835.0	2834.9	2835.6	2838.9	2836.7	2836.0	2836.4	2837.8	2835.7	2832.2
224	2831.3	2830.8	2830.6	2830.7	2834.1	2831.8	2830.7	2830.8	2831.9	2829.6	2825.9
225	2889.7	2884.0	2878.5	2873.8	2872.1	2866.4	2862.3	2859.5	2858.5	2854.7	2850.4
226	2925.8	2917.6	2909.0	2900.5	2894.8	2884.7	2876.1	2868.6	2862.0	2852.8	2843.1
227	2938.1	2930.0	2921.3	2912.6	2906.4	2895.8	2886.8	2878.4	2870.9	2860.8	2850.1
228	2954.6	2947.0	2938.5	2929.6	2922.9	2911.6	2901.7	2892.1	2883.0	2871.1	2858.6

Table VII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1137	R: 1138	R: 1139	R: 1140	R: 1141	R: 1142	R: 1143	R: 1144	R: 1145	R: 1146	R: 1147
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2856.2	2864.9	2874.4	2883.9	2895.3	2903.0	2911.9	2920.3	2931.8	2939.0	2944.7
230	2834.5	2837.4	2841.2	2846.1	2854.0	2858.0	2863.2	2869.5	2878.3	2883.7	2888.0
231	2912.4	2912.8	2912.9	2912.6	2913.8	2910.8	2908.5	2905.4	2903.8	2898.7	2892.7
232	2936.2	2937.4	2938.1	2938.1	2939.3	2936.4	2934.2	2930.7	2928.7	2923.0	2916.4
233	2918.2	2919.9	2921.1	2921.4	2922.8	2919.8	2917.8	2915.0	2913.4	2907.8	2900.5
234	2894.6	2895.7	2896.4	2896.4	2898.1	2895.0	2892.9	2890.7	2889.4	2884.3	2877.6
235	2845.9	2852.8	2857.1	2860.4	2865.9	2865.8	2866.8	2867.7	2869.7	2867.3	2863.2
236	2837.3	2842.7	2848.6	2854.3	2862.3	2864.9	2868.2	2871.8	2876.9	2877.8	2877.0
237	2832.1	2836.1	2840.5	2845.7	2853.7	2857.5	2862.4	2868.3	2876.4	2881.6	2884.8
238	2833.1	2836.3	2840.2	2844.9	2852.5	2855.9	2860.5	2866.7	2876.2	2881.2	2885.1
239	2834.7	2837.2	2840.7	2845.3	2852.7	2855.8	2860.4	2866.2	2874.5	2879.5	2883.5
240	2839.5	2840.1	2841.5	2843.8	2849.3	2850.7	2853.6	2857.9	2865.1	2869.4	2872.1
241	2828.6	2833.4	2837.9	2842.3	2849.2	2850.9	2853.2	2856.3	2860.7	2860.9	2859.4
242	2827.1	2823.9	2821.5	2820.4	2823.0	2820.8	2820.4	2822.0	2825.3	2825.9	2825.4
243	2741.9	2733.5	2726.1	2720.8	2721.1	2715.1	2710.7	2710.8	2711.2	2709.5	2706.9
244	2889.0	2883.9	2879.1	2875.1	2874.3	2869.4	2866.2	2864.2	2864.0	2861.1	2857.6
245	2887.2	2881.6	2876.4	2872.0	2870.7	2865.2	2861.5	2859.1	2858.5	2855.1	2851.1
246	2863.7	2864.5	2865.1	2866.1	2869.3	2867.5	2867.0	2866.7	2867.8	2865.5	2861.0
247	2851.1	2853.6	2855.9	2857.4	2863.4	2862.1	2861.9	2861.8	2862.5	2859.7	2855.2
248	2845.4	2846.1	2846.8	2847.8	2851.5	2849.7	2849.5	2850.0	2851.7	2850.1	2846.1
249	2837.6	2838.6	2839.7	2840.7	2844.7	2843.5	2843.4	2844.2	2846.1	2844.7	2841.6
250	2820.9	2823.3	2825.4	2827.7	2832.5	2831.3	2831.4	2832.1	2833.5	2831.3	2827.6
251	2823.9	2822.6	2821.6	2821.3	2824.1	2821.1	2820.1	2820.5	2821.8	2819.8	2816.4
252	286.8	286.1	286.1	286.1	287.8	295.9	295.2	293.8	295.5	292.8	298.6

Table VIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 1163	R: 1164	R: 1165	R: 1166	R: 1167	R: 1168	R: 1169	R: 1170	R: 1171
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2845.5	2851.3	2857.8	2867.0	2876.9	2886.4	2894.1	2900.6	2907.8
3	2853.2	2853.6	2853.3	2855.0	2856.4	2855.8	2852.7	2848.5	2843.8
4	2892.6	2894.4	2896.9	2900.4	2903.5	2905.0	2903.6	2900.3	2897.3
5	2854.8	2854.4	2853.7	2854.9	2856.9	2856.0	2853.1	2849.2	2845.4
6	2897.2	2896.7	2897.4	2898.9	2900.5	2900.5	2897.8	2893.5	2889.8
7	2855.4	2854.6	2853.5	2854.4	2855.5	2854.9	2852.1	2848.4	2844.7
8	2901.2	2899.5	2899.1	2899.6	2900.0	2899.0	2895.5	2890.6	2886.4
9	2893.5	2884.8	2877.2	2871.3	2866.3	2860.6	2853.7	2846.8	2840.8
10	2840.4	2844.7	2849.9	2857.9	2866.6	2875.0	2881.7	2887.6	2894.4
11	2852.8	2851.9	2850.8	2852.8	2853.1	2850.2	2845.6	2841.1	2837.2
12	2890.2	2889.2	2889.4	2891.0	2892.5	2892.3	2889.3	2884.9	2880.6
13	2850.1	2849.6	2848.9	2850.3	2852.9	2851.0	2848.0	2844.5	2841.3
14	2888.1	2887.2	2887.6	2889.2	2890.9	2891.1	2888.6	2884.8	2881.3
15	2849.1	2848.6	2848.2	2849.8	2851.3	2851.2	2849.1	2845.9	2843.1
16	2887.6	2886.3	2886.4	2887.5	2888.8	2888.6	2885.7	2881.6	2878.0
17	2893.0	2885.5	2878.9	2874.0	2870.2	2865.8	2859.8	2853.6	2848.4
19	2844.5	2844.1	2843.7	2843.7	2846.0	2846.4	2844.6	2842.0	2839.4
20	2873.1	2873.1	2874.1	2876.3	2878.7	2880.0	2879.6	2877.0	2874.9
21	2841.8	2841.5	2841.0	2842.3	2844.4	2845.7	2844.3	2842.0	2839.7
22	2867.6	2867.1	2867.8	2869.7	2872.2	2873.3	2872.6	2869.6	2868.0
23	2834.9	2834.1	2833.8	2835.6	2837.7	2839.0	2837.6	2835.6	2834.1
24	2857.5	2856.6	2856.9	2859.1	2861.4	2862.6	2861.7	2859.6	2858.0
25	2832.6	2831.7	2831.1	2832.8	2834.8	2836.0	2834.8	2832.8	2831.4
26	2852.6	2851.5	2851.6	2853.4	2855.7	2857.0	2856.0	2853.8	2852.3
43	2850.6	2850.9	2851.1	2853.7	2854.5	2854.6	2851.7	2847.6	2843.7
44	2878.2	2881.4	2885.0	2889.6	2893.8	2896.9	2896.9	2894.8	2892.8
67	2832.9	2831.6	2830.7	2831.8	2833.8	2834.5	2832.7	2830.1	2827.8
68	2850.4	2850.0	2850.7	2853.2	2855.8	2857.7	2856.9	2855.1	2853.6
85	2855.2	2855.0	2854.4	2855.6	2856.5	2856.1	2853.1	2848.9	2844.5
86	2887.1	2892.5	2898.4	2905.6	2912.0	2917.3	2919.6	2919.9	2920.3
87	2848.1	2852.3	2856.2	2862.0	2868.1	2873.0	2875.5	2876.7	2878.0
88	2846.6	2851.3	2857.0	2864.6	2872.9	2880.5	2886.2	2890.7	2895.9
89	2838.4	2839.2	2841.3	2846.0	2851.6	2856.8	2860.3	2863.3	2867.3
90	2834.8	2837.2	2840.6	2846.8	2853.9	2860.7	2865.9	2870.1	2875.3
91	2838.1	2839.6	2841.9	2846.5	2852.6	2858.4	2862.8	2866.6	2871.6
921	2895.9	2886.6	2878.4	2871.7	2866.0	2859.5	2851.9	2844.1	2837.1

Table VIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 1163	R: 1164	R: 1165	R: 1166	R: 1167	R: 1168	R: 1169	R: 1170	R: 1171
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2848.6	2855.3	2862.7	2872.8	2883.3	2893.4	2901.6	2908.6	2916.4
93	2839.5	2843.7	2848.8	2856.6	2865.2	2873.4	2880.1	2885.8	2892.6
94	2848.4	2855.0	2862.3	2872.3	2882.8	2892.9	2901.1	2908.2	2916.0
95	2843.2	2847.6	2852.6	2860.0	2868.0	2875.3	2880.9	2885.3	2890.6
125	2831.1	2832.0	2832.7	2835.8	2839.2	2840.9	2840.1	2838.0	2836.1
126	2862.7	2862.0	2862.5	2864.2	2865.9	2866.0	2863.5	2859.7	2856.3
128	2902.1	2896.9	2892.8	2890.6	2889.4	2887.7	2884.7	2881.5	2879.3
132	2835.2	2833.6	2833.6	2836.5	2840.4	2844.2	2846.4	2848.3	2851.4
201	2962.3	2954.1	2946.0	2937.9	2929.9	2919.9	2908.4	2896.3	2884.4
202	2975.9	2970.9	2965.7	2960.6	2955.2	2947.9	2939.0	2929.1	2919.3
203	2979.8	2978.3	2976.6	2974.9	2972.7	2968.6	2962.6	2955.2	2947.8
204	2970.7	2973.2	2975.3	2977.9	2979.4	2979.4	2977.1	2973.2	2968.9
205	2948.0	2954.6	2960.5	2967.3	2973.2	2977.6	2979.6	2979.5	2979.3
206	2922.5	2931.1	2939.2	2948.8	2957.6	2965.3	2970.5	2973.7	2976.8
207	2901.3	2910.1	2918.9	2929.6	2939.8	2949.1	2956.2	2961.4	2966.7
208	2887.1	2896.0	2904.9	2915.9	2926.8	2936.9	2944.8	2951.0	2957.5
209	2916.1	2916.2	2915.3	2915.7	2915.7	2914.1	2910.2	2905.0	2899.1
210	2934.2	2935.3	2935.3	2936.6	2937.1	2936.2	2932.9	2928.2	2922.8
211	2955.4	2957.6	2958.8	2960.9	2962.1	2961.7	2959.0	2954.7	2949.8
212	2977.0	2979.2	2981.3	2983.7	2985.2	2985.1	2982.7	2978.4	2974.3
213	2975.0	2976.4	2978.2	2980.0	2981.1	2980.2	2977.2	2972.3	2967.9
214	2964.8	2965.3	2966.4	2967.5	2968.0	2966.6	2962.8	2957.2	2952.3
215	2892.9	2884.0	2876.1	2869.8	2864.6	2858.6	2851.3	2843.9	2837.4
216	2856.6	2857.2	2857.1	2858.9	2860.3	2860.2	2857.1	2853.0	2848.4
217	2899.5	2901.1	2903.6	2906.9	2909.8	2911.0	2909.3	2905.8	2902.6
218	2847.7	2854.0	2860.9	2870.5	2880.6	2890.2	2898.0	2904.6	2911.9
219	2839.0	2838.5	2838.0	2839.7	2841.7	2842.5	2841.0	2838.2	2835.7
220	2862.8	2863.2	2864.1	2866.8	2869.9	2871.5	2870.7	2868.3	2866.7
221	2829.5	2827.9	2826.9	2828.1	2830.0	2830.7	2829.1	2826.8	2824.8
222	2846.8	2845.6	2845.8	2847.7	2850.0	2851.7	2850.6	2848.6	2847.2
223	2827.3	2825.0	2823.1	2824.0	2824.9	2824.7	2822.1	2818.8	2815.8
224	2843.0	2842.0	2842.3	2844.1	2846.8	2848.2	2847.1	2845.0	2843.4
225	2883.0	2875.8	2870.1	2866.3	2863.6	2860.3	2855.8	2851.1	2847.4
226	2916.9	2906.8	2897.7	2889.5	2882.1	2873.6	2863.6	2853.8	2844.7
227	2928.1	2917.9	2908.5	2899.9	2892.0	2882.9	2872.7	2862.1	2852.3
228	2944.3	2934.4	2925.0	2916.0	2907.3	2897.0	2885.3	2873.4	2861.8

Table VIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 1163 Pi	2.0° R: 1164 Pi	4.0° R: 1165 Pi	6.0° R: 1166 Pi	8.0° R: 1167 Pi	10.0° R: 1168 Pi	12.0° R: 1169 Pi	14.0° R: 1170 Pi	16.0° R: 1171 Pi
229	2861.7	2869.7	2876.0	2888.9	2899.9	2910.5	2918.9	2926.0	2933.6
230	2836.7	2839.2	2842.9	2849.5	2856.9	2863.8	2869.0	2873.7	2879.4
231	2877.0	2876.1	2874.4	2874.5	2874.6	2873.2	2869.5	2864.6	2859.3
232	2902.1	2901.5	2900.1	2900.1	2899.8	2898.0	2893.8	2888.4	2882.4
233	2951.7	2951.1	2951.5	2952.0	2952.0	2950.3	2946.0	2940.2	2935.1
234	2930.3	2929.0	2928.9	2929.2	2929.1	2927.3	2923.1	2917.3	2912.3
235	2843.7	2843.6	2843.6	2845.2	2846.6	2846.2	2842.8	2838.2	2833.0
236	2840.8	2842.0	2843.2	2846.5	2849.6	2851.3	2850.6	2848.5	2846.4
237	2837.5	2838.7	2840.8	2846.5	2852.0	2856.4	2859.5	2862.1	2865.4
238	2836.8	2838.1	2840.7	2845.9	2852.2	2857.9	2862.0	2865.5	2869.9
239	2836.3	2838.0	2840.7	2846.3	2853.0	2859.5	2864.5	2868.8	2874.0
240	2840.1	2839.7	2840.6	2844.3	2849.1	2853.6	2856.6	2859.2	2862.8
241	2837.9	2837.2	2836.9	2838.5	2840.2	2840.6	2838.3	2835.0	2831.8
242	2823.8	2819.8	2817.3	2817.6	2819.3	2820.7	2820.2	2819.6	2819.9
243	2736.2	2727.0	2719.8	2716.1	2714.3	2712.2	2708.1	2704.6	2702.0
244	2883.0	2876.6	2871.5	2868.5	2866.5	2864.1	2860.4	2856.6	2853.8
245	2881.0	2874.0	2868.5	2865.0	2862.6	2859.6	2855.3	2851.0	2847.7
246	2843.9	2843.6	2843.3	2845.2	2845.3	2847.1	2846.2	2843.3	2839.1
247	2840.8	2840.1	2840.3	2841.6	2842.9	2842.8	2839.8	2835.7	2831.2
248	2830.1	2830.0	2830.1	2832.6	2835.5	2837.0	2836.2	2834.5	2833.2
249	2858.1	2856.9	2856.9	2858.5	2860.4	2861.3	2859.5	2856.7	2854.8
250	2803.9	2806.3	2808.7	2813.5	2818.1	2821.2	2821.5	2820.5	2819.5
251	2818.0	2815.3	2813.3	2813.2	2814.1	2814.0	2811.5	2808.4	2805.7
252	283.4	281.9	280.7	282.0	293.4	294.2	293.0	290.2	297.8

Table IX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 1179	R: 1180	R: 1181	R: 1182	R: 1183	R: 1184	R: 1185	R: 1186	R: 1187	R: 1188	R: 1189	R: 1190	R: 1191
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2868.0	2870.4	2872.5	2872.8	2871.9	2871.3	2870.4	2872.6	2872.0	2871.6	2870.8	2870.0	2871.3
3	2898.2	2892.6	2890.8	2887.3	2882.9	2880.5	2877.9	2878.1	2876.2	2873.0	2869.2	2865.8	2860.8
4	2858.9	2867.2	2872.5	2876.2	2878.8	2879.3	2880.0	2883.6	2885.1	2887.5	2890.8	2894.1	2902.7
5	2898.2	2892.4	2890.5	2887.0	2882.7	2880.2	2877.6	2877.8	2875.9	2872.7	2869.0	2865.6	2860.7
6	2858.1	2866.1	2871.4	2875.1	2877.6	2877.9	2878.0	2881.3	2882.8	2885.3	2888.8	2892.2	2901.1
7	2896.8	2891.1	2889.3	2885.8	2881.6	2879.2	2876.6	2876.7	2875.0	2871.8	2868.2	2864.9	2860.2
8	2858.5	2866.4	2871.5	2875.3	2877.7	2878.1	2878.7	2882.2	2883.8	2886.2	2889.5	2892.8	2901.6
9	2872.9	2876.0	2878.2	2878.5	2877.5	2876.5	2875.6	2877.5	2877.6	2876.6	2875.8	2875.1	2875.4
10	2859.6	2861.9	2864.0	2864.3	2863.4	2862.7	2861.7	2864.0	2863.5	2863.2	2862.4	2861.9	2862.3
11	2889.4	2884.5	2882.9	2879.9	2875.9	2873.6	2871.2	2871.6	2870.0	2867.2	2864.0	2861.2	2857.9
12	2854.1	2861.3	2866.0	2869.4	2871.4	2871.7	2872.2	2875.5	2876.9	2879.0	2882.1	2885.2	2893.4
13	2887.9	2882.9	2881.4	2878.4	2874.5	2872.3	2869.7	2870.2	2868.7	2865.8	2862.7	2859.9	2856.0
14	2854.1	2861.0	2865.7	2868.9	2870.9	2871.1	2871.1	2873.9	2875.2	2877.3	2880.3	2883.5	2891.7
15	2886.9	2882.0	2880.6	2877.3	2873.6	2871.3	2868.9	2869.5	2867.8	2864.8	2862.0	2858.9	2855.3
16	2851.2	2858.1	2862.8	2866.0	2868.0	2868.3	2868.7	2872.0	2873.4	2875.4	2878.5	2881.6	2889.8
17	2873.2	2876.8	2878.8	2879.3	2878.8	2877.8	2876.8	2878.6	2878.8	2878.0	2875.8	2876.0	2878.0
19	2875.6	2871.6	2870.8	2868.3	2864.9	2862.8	2860.6	2861.5	2860.1	2857.8	2855.3	2853.0	2849.0
20	2848.0	2853.6	2857.5	2860.0	2861.4	2861.5	2861.5	2864.3	2865.2	2866.8	2869.2	2871.9	2879.4
21	2868.9	2866.1	2865.5	2863.3	2860.2	2858.3	2856.2	2857.1	2855.9	2853.8	2851.5	2849.6	2847.6
22	2844.3	2849.2	2852.8	2854.9	2856.0	2856.0	2856.1	2859.3	2860.2	2861.5	2863.7	2866.1	2872.9
23	2859.7	2856.6	2856.0	2854.0	2851.1	2849.2	2847.3	2848.3	2847.3	2845.4	2843.4	2841.8	2840.7
24	2836.5	2840.9	2844.3	2846.1	2846.9	2846.7	2846.7	2849.6	2850.3	2851.4	2853.3	2855.5	2862.1
25	2854.0	2851.3	2851.0	2849.1	2846.4	2844.6	2842.8	2843.9	2843.0	2841.3	2839.6	2838.3	2837.8
26	2833.7	2837.6	2840.6	2842.2	2842.8	2842.6	2842.3	2845.1	2845.7	2846.7	2848.4	2850.5	2856.6
43	2890.1	2885.5	2884.2	2881.2	2877.3	2875.0	2872.6	2873.1	2871.4	2868.5	2865.2	2862.4	2859.1
44	2854.2	2861.9	2867.1	2870.4	2872.4	2872.8	2873.2	2876.5	2877.5	2879.1	2881.7	2884.6	2892.3
67	2853.0	2850.5	2850.2	2848.4	2845.5	2843.6	2841.7	2842.8	2841.9	2840.1	2838.5	2837.3	2836.8
68	2833.9	2837.7	2840.6	2842.0	2842.5	2842.2	2842.0	2844.7	2845.4	2846.5	2848.5	2850.6	2856.6
85	2902.5	2896.3	2894.1	2890.3	2885.6	2883.0	2880.4	2880.3	2878.3	2874.8	2870.8	2867.1	2861.6
86	2867.9	2876.2	2881.4	2885.1	2887.4	2887.8	2888.5	2892.1	2893.3	2895.3	2898.1	2900.7	2908.0
87	2887.4	2885.9	2886.1	2884.3	2881.5	2879.9	2878.1	2879.2	2877.8	2875.8	2873.0	2870.5	2867.0
88	2855.7	2859.2	2862.1	2863.5	2863.4	2863.1	2862.6	2865.2	2865.0	2865.3	2865.5	2866.0	2868.7
89	2848.6	2850.7	2852.6	2852.8	2851.8	2851.0	2850.0	2852.1	2851.6	2851.1	2850.5	2850.0	2850.5
90	2846.9	2849.4	2851.6	2852.0	2850.9	2850.1	2849.3	2851.5	2851.2	2851.2	2850.7	2850.4	2851.5
91	2848.3	2850.6	2852.6	2852.8	2851.8	2851.0	2850.1	2852.2	2851.8	2851.3	2850.8	2850.6	2851.3
921	2871.7	2875.0	2877.1	2878.4	2877.6	2876.1	2874.6	2876.4	2876.7	2875.7	2875.5	2875.5	2875.8

Table IX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 1179	R: 1180	R: 1181	R: 1182	R: 1183	R: 1184	R: 1185	R: 1186	R: 1187	R: 1188	R: 1189	R: 1190	R: 1191
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2874.3	2876.8	2879.1	2879.4	2878.6	2878.0	2877.1	2879.4	2878.8	2878.5	2877.6	2876.8	2876.9
93	2858.3	2860.5	2862.7	2862.9	2862.0	2861.3	2860.5	2862.6	2862.2	2861.8	2861.1	2860.5	2860.9
94	2872.0	2874.8	2877.2	2877.6	2876.8	2876.4	2875.7	2877.8	2877.3	2877.3	2876.4	2875.9	2876.4
95	2853.4	2856.5	2859.1	2860.1	2860.0	2859.5	2858.9	2861.3	2861.3	2861.3	2861.3	2861.7	2864.1
125	2864.1	2860.4	2859.6	2857.3	2854.1	2852.2	2850.1	2850.9	2849.7	2847.5	2845.2	2843.2	2841.1
126	2837.6	2842.7	2846.5	2848.8	2850.0	2850.0	2850.1	2853.1	2853.9	2855.3	2857.7	2860.1	2867.1
128	2893.6	2896.1	2898.4	2898.6	2897.3	2896.2	2895.5	2897.6	2897.6	2896.8	2895.7	2894.5	2894.5
132	2837.6	2839.5	2841.4	2841.6	2840.7	2839.9	2838.9	2840.9	2840.6	2840.1	2839.7	2839.6	2841.1
201	2939.6	2943.2	2945.6	2946.0	2945.2	2943.9	2943.0	2944.7	2945.0	2944.0	2943.2	2942.1	2941.4
202	2962.5	2966.2	2968.6	2969.1	2968.4	2967.1	2966.3	2968.1	2968.2	2967.2	2966.3	2964.9	2963.9
203	2976.5	2980.0	2982.6	2983.2	2982.5	2981.4	2980.6	2982.5	2982.4	2981.6	2980.6	2979.1	2977.9
204	2979.9	2983.1	2985.6	2986.2	2985.5	2984.4	2983.8	2985.6	2985.4	2984.7	2983.7	2982.0	2980.7
205	2969.3	2972.6	2975.2	2975.8	2975.2	2974.3	2973.7	2975.7	2975.2	2974.7	2973.6	2971.9	2970.4
206	2950.7	2953.7	2956.2	2956.7	2956.1	2955.3	2954.6	2956.6	2956.0	2955.6	2954.5	2952.9	2951.7
207	2931.4	2934.3	2936.7	2937.2	2936.5	2935.9	2935.2	2937.3	2936.7	2936.3	2935.2	2933.8	2932.9
208	2918.1	2920.8	2923.2	2923.6	2922.9	2922.2	2921.5	2923.6	2923.0	2922.6	2921.6	2920.3	2919.6
209	2964.0	2959.1	2957.5	2953.8	2949.2	2946.6	2944.1	2944.0	2941.9	2938.1	2933.6	2928.8	2921.0
210	2976.4	2973.3	2972.6	2969.8	2966.0	2963.7	2961.6	2961.8	2960.0	2956.8	2952.8	2948.4	2941.4
211	2983.1	2983.2	2984.0	2982.7	2980.3	2978.6	2977.2	2978.1	2977.0	2974.9	2972.2	2968.9	2964.2
212	2965.7	2972.1	2976.3	2978.6	2979.6	2979.1	2979.2	2981.9	2982.5	2983.1	2983.7	2983.6	2985.6
213	2944.0	2953.1	2958.6	2962.4	2964.7	2964.7	2965.4	2968.7	2970.1	2971.8	2973.9	2975.4	2980.5
214	2919.7	2930.3	2936.6	2941.3	2944.6	2945.0	2946.0	2949.8	2951.7	2954.2	2957.5	2960.1	2967.7
215	2873.6	2876.4	2878.5	2878.5	2877.5	2876.3	2875.1	2876.7	2876.8	2875.7	2875.0	2874.2	2874.1
216	2904.7	2898.8	2896.8	2893.2	2888.6	2886.1	2883.5	2883.5	2881.5	2878.1	2874.2	2870.4	2864.9
217	2862.9	2871.6	2877.2	2881.2	2884.0	2884.5	2885.4	2889.0	2890.7	2893.2	2896.8	2900.2	2909.1
218	2875.3	2877.3	2879.2	2879.3	2878.2	2877.5	2876.5	2878.6	2877.9	2877.3	2876.2	2875.1	2874.7
219	2866.7	2863.3	2862.5	2860.2	2857.0	2855.1	2853.0	2854.0	2852.8	2850.8	2848.6	2846.7	2845.0
220	2841.4	2846.5	2850.1	2852.3	2853.3	2853.4	2853.5	2856.4	2857.1	2858.2	2860.4	2862.7	2869.4
221	2847.7	2845.3	2845.1	2843.3	2840.8	2839.1	2837.3	2838.5	2837.6	2836.0	2834.4	2833.4	2833.2
222	2829.6	2833.2	2836.2	2837.6	2838.0	2837.8	2837.4	2840.2	2840.7	2841.5	2843.1	2845.1	2851.0
223	2842.9	2840.9	2840.9	2839.3	2836.6	2834.9	2833.2	2834.4	2833.6	2831.9	2830.3	2829.3	2829.1
224	2826.7	2830.3	2833.3	2834.7	2835.2	2834.9	2834.6	2837.3	2837.9	2838.6	2840.2	2842.2	2847.6
225	2867.0	2870.0	2872.4	2872.6	2871.6	2870.6	2869.8	2871.9	2872.1	2871.3	2870.7	2870.2	2870.3
226	2888.1	2891.7	2894.2	2894.6	2893.9	2892.8	2891.9	2893.9	2894.3	2893.3	2892.7	2892.2	2892.8
227	2900.1	2903.6	2905.9	2906.4	2905.5	2904.3	2903.5	2905.4	2905.7	2904.7	2904.2	2903.6	2903.4
228	2916.1	2919.8	2922.2	2922.7	2921.9	2920.8	2919.7	2921.6	2922.0	2920.9	2920.3	2919.5	2919.5

Table IX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 1179	R: 1180	R: 1181	R: 1182	R: 1183	R: 1184	R: 1185	R: 1186	R: 1187	R: 1188	R: 1189	R: 1190	R: 1191
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2890.9	2893.4	2895.7	2896.0	2895.2	2894.5	2893.8	2895.9	2895.3	2895.0	2894.0	2893.0	2892.8
230	2851.0	2853.2	2855.3	2854.8	2853.6	2853.0	2852.1	2854.3	2853.9	2853.5	2852.8	2852.4	2853.6
231	2927.1	2920.5	2918.1	2913.9	2908.9	2906.2	2903.3	2903.0	2900.8	2896.8	2892.3	2887.8	2880.7
232	2950.6	2944.9	2942.9	2938.9	2934.1	2931.5	2928.8	2928.6	2926.4	2922.5	2917.9	2913.2	2905.7
233	2901.9	2912.4	2918.7	2923.5	2927.0	2927.4	2928.5	2932.4	2934.4	2937.2	2940.9	2944.1	2952.9
234	2878.3	2888.4	2894.6	2899.4	2902.8	2903.4	2904.4	2908.3	2910.4	2913.3	2917.3	2921.0	2930.5
235	2870.7	2868.4	2868.0	2865.9	2862.8	2860.9	2859.0	2860.0	2858.7	2856.7	2854.4	2852.5	2850.3
236	2862.0	2862.2	2863.0	2862.0	2859.9	2858.5	2857.1	2858.6	2857.6	2856.0	2854.0	2852.5	2851.1
237	2850.0	2852.0	2853.7	2853.8	2852.8	2852.0	2851.0	2853.0	2852.4	2851.6	2850.6	2849.9	2850.4
238	2848.3	2850.6	2852.6	2852.7	2851.6	2850.8	2849.7	2851.6	2851.1	2851.1	2851.4	2850.4	2850.0
239	2848.1	2850.8	2853.1	2853.3	2851.6	2850.8	2849.9	2852.0	2851.6	2851.2	2850.6	2850.2	2851.0
240	2845.9	2847.9	2849.9	2850.0	2849.1	2848.3	2847.3	2849.4	2849.0	2848.5	2848.0	2847.6	2848.9
241	2846.9	2848.3	2849.8	2849.5	2848.0	2846.9	2845.8	2847.6	2847.0	2845.8	2844.7	2843.8	2843.5
242	2818.5	2821.0	2823.1	2823.4	2822.7	2821.8	2820.8	2822.8	2822.6	2821.9	2821.5	2821.2	2822.4
243	2716.8	2719.0	2720.8	2721.0	2719.9	2719.1	2717.8	2719.8	2719.9	2719.2	2719.1	2719.6	2721.6
244	2869.0	2872.0	2874.3	2874.6	2873.8	2872.8	2872.0	2874.0	2874.1	2873.3	2872.7	2872.0	2872.2
245	2865.3	2868.4	2870.8	2871.1	2870.2	2869.2	2868.4	2870.4	2870.6	2869.8	2869.2	2868.5	2869.0
246	2877.2	2872.9	2871.8	2869.1	2865.6	2863.4	2861.3	2861.9	2860.5	2858.0	2855.4	2853.1	2850.5
247	2868.8	2866.3	2865.7	2863.4	2860.1	2858.2	2856.1	2856.9	2855.7	2853.4	2851.0	2849.0	2846.9
248	2857.5	2854.3	2853.7	2851.6	2848.6	2846.7	2844.8	2845.8	2844.6	2842.6	2840.6	2839.0	2837.7
249	2835.3	2839.7	2843.2	2845.1	2845.9	2845.8	2845.7	2848.5	2849.3	2850.5	2852.5	2854.7	2861.4
250	2837.9	2834.8	2834.3	2832.3	2829.2	2827.4	2825.4	2826.3	2825.1	2823.2	2821.2	2819.8	2818.5
251	2826.8	2825.2	2825.4	2824.0	2821.8	2820.4	2818.9	2820.3	2819.7	2818.4	2817.4	2816.9	2818.1
252	283.3	285.9	288.2	288.7	287.9	287.3	286.5	288.7	288.1	287.8	286.8	285.8	285.5

Table X: AEDC 16' Tunnel - 10% Model
Nominal Conditions: $\alpha = 10.0^{\circ}$, $M_{\infty} = .25$, $q_{\infty} = 125.0$
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 1162	R: 1159	R: 1160	R: 1161
	Pi	Pi	Pi	Pi
2	2884.8	2887.1	2884.5	2885.8
3	2885.0	2878.0	2868.5	2855.6
4	2873.1	2879.9	2886.4	2904.3
5	2883.1	2876.3	2867.2	2855.6
6	2869.9	2876.0	2882.3	2899.8
7	2880.6	2874.1	2865.4	2854.5
8	2870.2	2875.7	2881.7	2898.3
9	2864.2	2862.8	2860.7	2860.1
10	2874.1	2876.1	2873.8	2874.4
11	2875.7	2868.9	2860.3	2849.7
12	2863.5	2868.9	2874.8	2891.6
13	2874.8	2868.5	2860.2	2850.6
14	2863.3	2868.6	2874.1	2890.3
15	2873.4	2867.5	2859.8	2850.7
16	2862.0	2867.0	2872.2	2887.7
17	2867.0	2866.1	2863.8	2865.2
19	2864.2	2859.5	2852.8	2845.8
20	2857.4	2861.9	2865.6	2879.1
21	2860.5	2856.3	2850.2	2845.1
22	2852.6	2856.5	2859.8	2872.5
23	2851.6	2847.8	2842.3	2838.3
24	2843.8	2847.5	2850.0	2861.7
25	2846.5	2843.1	2838.2	2835.2
26	2839.7	2842.6	2844.9	2856.0
43	2880.6	2874.4	2865.7	2854.2
44	2867.7	2874.1	2879.8	2896.1
67	2846.1	2842.3	2837.1	2833.7
68	2839.7	2842.8	2845.4	2856.8
85	2886.3	2878.9	2869.1	2855.7
86	2886.8	2894.4	2900.5	2916.7
87	2893.1	2889.9	2882.4	2872.7
88	2869.9	2873.9	2874.0	2879.9
89	2858.6	2859.4	2855.9	2856.1
90	2857.0	2858.8	2857.2	2859.9
91	2858.2	2859.4	2857.1	2857.7
921	2861.9	2859.9	2858.4	2859.0

Table X: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 1162	R: 1159	R: 1160	R: 1161
	Pi	Pi	Pi	Pi
922	2892.4	2895.1	2892.6	2892.9
93	2872.5	2874.4	2872.1	2872.7
94	2890.1	2892.9	2891.2	2892.4
95	2866.6	2870.0	2869.5	2874.6
125	2854.6	2850.6	2844.9	2840.2
126	2847.0	2850.2	2853.2	2865.1
128	2891.0	2890.2	2888.3	2887.3
132	2842.9	2843.5	2841.5	2843.3
201	2926.0	2923.8	2921.8	2920.0
202	2954.0	2952.6	2950.5	2948.2
203	2973.9	2973.5	2971.4	2969.2
204	2983.9	2984.4	2982.2	2980.0
205	2980.7	2982.3	2980.0	2977.9
206	2967.2	2969.5	2967.1	2965.6
207	2950.1	2952.8	2950.3	2949.2
208	2937.3	2940.0	2937.5	2936.7
209	2949.1	2941.8	2931.4	2914.7
210	2966.1	2960.5	2951.5	2936.8
211	2980.5	2977.8	2971.8	2962.5
212	2976.0	2979.4	2980.8	2985.5
213	2958.6	2964.4	2969.2	2980.3
214	2936.5	2943.7	2950.7	2966.6
215	2863.2	2861.4	2858.8	2858.1
216	2891.0	2883.6	2873.7	2859.9
217	2877.7	2884.8	2891.9	2910.2
218	2892.1	2893.9	2890.8	2889.7
219	2858.6	2854.0	2847.6	2841.8
220	2850.1	2854.3	2857.6	2871.0
221	2840.9	2837.4	2832.5	2829.9
222	2834.9	2837.7	2839.8	2850.7
223	2836.0	2832.1	2827.1	2823.9
224	2830.9	2833.7	2836.1	2847.2
225	2862.4	2861.5	2859.8	2859.7
226	2876.6	2874.9	2873.3	2873.3
227	2887.2	2885.2	2883.5	2882.8
228	2901.9	2899.7	2898.0	2897.1

Table X: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 1162	R: 1159	R: 1160	R: 1161
	Pi	Pi	Pi	Pi
229	2910.3	2913.1	2910.5	2910.3
230	2862.5	2863.4	2861.2	2863.1
231	2907.8	2899.8	2889.0	2873.1
232	2933.3	2925.5	2914.9	2898.4
233	2917.5	2924.8	2932.3	2950.1
234	2892.9	2900.1	2907.8	2926.8
235	2866.3	2861.4	2854.6	2845.8
236	2867.6	2864.4	2858.3	2850.8
237	2861.7	2861.8	2857.9	2856.2
238	2859.9	2862.0	2859.1	2857.5
239	2859.7	2860.1	2857.9	2858.8
240	2853.1	2854.0	2851.8	2852.9
241	2852.8	2850.6	2845.6	2840.1
242	2820.5	2820.6	2818.8	2819.7
243	2712.2	2710.5	2709.1	2710.7
244	2866.3	2865.7	2863.9	2863.6
245	2861.7	2860.9	2859.1	2859.1
246	2866.6	2861.6	2854.7	2846.8
247	2861.6	2856.4	2849.4	2842.4
248	2849.2	2845.5	2840.1	2836.4
249	2843.2	2846.4	2849.0	2860.5
250	2831.3	2828.1	2823.2	2820.5
251	2820.2	2817.3	2813.5	2813.2
252	293.7	296.6	294.1	294.0

Table XI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 884	R: 885	R: 886	R: 887	R: 888	R: 889	R: 890	R: 891	R: 892	R: 893	R: 894
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2839.8	2846.8	2855.0	2862.2	2869.9	2877.7	2886.3	2894.0	2900.9	2909.4	2918.3
3	2868.8	2872.0	2875.1	2876.6	2877.3	2877.4	2877.3	2875.5	2872.4	2869.2	2865.8
4	2868.3	2872.3	2876.1	2877.7	2878.9	2879.0	2878.7	2876.6	2873.2	2870.6	2867.7
5	2873.5	2875.2	2877.0	2877.7	2878.3	2876.5	2875.8	2873.7	2870.4	2867.3	2864.2
6	2871.7	2874.1	2876.4	2876.9	2877.3	2876.5	2875.1	2872.6	2868.9	2866.3	2863.6
7	2875.6	2876.5	2877.3	2876.9	2876.0	2874.7	2873.5	2870.9	2867.2	2863.8	2860.5
8	2875.8	2877.5	2878.8	2878.4	2877.6	2876.3	2874.8	2872.0	2868.1	2865.2	2862.5
9	2900.9	2894.5	2888.1	2881.1	2874.1	2867.7	2861.7	2855.2	2848.3	2842.8	2838.3
10	2837.1	2842.5	2849.1	2854.9	2861.2	2867.9	2875.4	2882.1	2888.1	2896.1	2904.3
11	2862.8	2866.1	2868.5	2868.2	2868.5	2868.5	2868.4	2866.7	2864.0	2861.5	2858.9
12	2862.3	2864.5	2867.2	2868.2	2869.1	2868.9	2868.4	2866.4	2863.1	2860.7	2858.4
13	2864.1	2865.8	2867.8	2869.7	2869.9	2868.5	2868.2	2866.7	2864.1	2861.9	2859.7
14	2863.4	2865.7	2868.1	2869.3	2869.6	2868.8	2868.0	2866.1	2863.1	2861.1	2859.1
15	2865.5	2866.9	2868.3	2868.4	2868.2	2867.7	2866.7	2864.3	2861.3	2859.6	2857.3
16	2863.6	2865.5	2867.3	2867.5	2867.5	2866.9	2865.7	2863.7	2860.6	2858.9	2856.9
17	2897.2	2893.5	2888.1	2881.9	2875.8	2870.5	2865.5	2860.0	2854.1	2849.9	2846.6
19	2855.1	2857.3	2857.6	2858.1	2858.5	2858.3	2859.3	2857.4	2855.3	2853.7	2852.3
20	2853.4	2856.8	2859.5	2860.1	2860.7	2860.9	2860.3	2859.8	2857.5	2856.2	2855.1
21	2851.3	2852.7	2854.5	2854.7	2855.1	2855.4	2855.8	2854.8	2853.0	2851.8	2851.1
22	2851.5	2852.9	2854.8	2854.9	2855.4	2855.7	2856.1	2854.8	2852.7	2851.7	2851.0
23	2843.5	2844.5	2846.2	2846.4	2847.0	2847.3	2847.8	2847.0	2845.3	2844.5	2844.0
24	2843.2	2844.5	2846.0	2845.9	2846.4	2846.7	2847.0	2845.9	2844.1	2843.4	2842.9
25	2839.9	2840.7	2842.0	2841.9	2842.2	2842.5	2842.8	2842.0	2840.3	2839.6	2839.2
26	2838.6	2839.7	2841.1	2840.9	2841.3	2841.6	2841.9	2841.0	2839.3	2838.6	2838.3
43	2859.8	2863.9	2867.9	2870.1	2871.6	2872.4	2873.0	2872.3	2869.4	2866.9	2863.9
44	2858.2	2862.7	2867.0	2869.3	2871.1	2871.9	2872.2	2870.7	2867.7	2865.4	2863.0
67	2838.2	2839.2	2840.7	2840.9	2841.3	2841.5	2841.7	2840.8	2838.9	2837.8	2837.0
68	2838.3	2839.5	2841.2	2841.3	2841.8	2842.1	2842.4	2841.3	2839.3	2838.3	2837.6
85	2875.5	2877.5	2879.5	2879.9	2879.8	2879.0	2878.3	2875.8	2872.1	2868.5	2864.7
86	2865.9	2872.5	2879.1	2883.6	2887.6	2890.5	2893.0	2893.8	2893.0	2893.1	2892.9
87	2850.2	2857.6	2865.5	2871.9	2877.8	2883.4	2889.3	2893.7	2897.0	2901.1	2904.7
88	2840.2	2845.3	2851.4	2856.2	2861.7	2867.0	2872.7	2877.4	2881.4	2887.1	2892.9
89	2835.1	2838.0	2842.1	2845.3	2849.3	2853.7	2858.9	2862.7	2866.6	2872.3	2878.7
90	2835.0	2837.7	2841.8	2844.9	2848.7	2853.0	2858.1	2862.5	2866.6	2872.2	2878.6
91	2836.5	2838.9	2842.6	2845.5	2849.4	2853.6	2858.7	2863.2	2867.3	2873.0	2879.5
921	2903.8	2896.9	2889.6	2881.7	2873.4	2866.0	2858.9	2851.4	2843.6	2837.1	2831.5

Table XI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 884	R: 885	R: 886	R: 887	R: 888	R: 889	R: 890	R: 891	R: 892	R: 893	R: 894
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2843.3	2851.2	2860.4	2868.4	2876.8	2885.2	2894.3	2902.4	2909.8	2918.5	2927.5
93	2836.5	2841.8	2848.3	2853.9	2860.2	2866.6	2873.8	2880.4	2886.4	2894.2	2902.5
94	2843.0	2850.6	2859.4	2867.1	2875.2	2883.3	2892.2	2900.1	2907.1	2915.8	2924.7
95	2838.2	2842.7	2848.4	2853.0	2858.0	2863.2	2869.0	2873.8	2877.9	2883.8	2890.1
125	2843.6	2845.5	2847.8	2848.7	2849.5	2850.0	2850.1	2848.6	2846.0	2844.0	2842.2
126	2842.3	2844.9	2847.2	2847.9	2848.9	2849.3	2849.3	2847.7	2845.0	2843.2	2841.5
128	2908.2	2905.1	2902.1	2898.5	2895.0	2892.1	2889.6	2886.9	2883.8	2882.3	2881.6
132	2835.2	2835.1	2836.1	2836.4	2837.8	2839.9	2842.8	2845.2	2847.4	2851.5	2856.6
201	2970.4	2965.8	2959.7	2952.1	2942.9	2933.4	2923.6	2912.5	2900.4	2888.6	2877.0
202	2981.8	2980.2	2977.3	2972.7	2966.3	2959.3	2952.2	2943.5	2933.8	2924.3	2914.7
203	2982.6	2984.6	2985.4	2984.3	2981.2	2977.2	2973.1	2967.1	2960.0	2953.1	2945.7
204	2970.2	2976.1	2981.0	2983.8	2984.6	2984.2	2983.9	2981.7	2978.0	2974.5	2970.5
205	2943.7	2953.1	2962.1	2968.9	2973.9	2977.7	2981.5	2983.5	2983.8	2984.6	2984.6
206	2916.5	2927.4	2938.4	2947.4	2955.0	2961.8	2968.6	2973.6	2977.2	2981.6	2985.1
207	2894.9	2905.7	2917.2	2926.7	2935.5	2943.6	2952.0	2958.9	2964.5	2971.1	2977.1
208	2880.2	2890.8	2902.2	2912.0	2921.2	2929.9	2939.1	2946.8	2953.4	2961.1	2968.4
209	2940.2	2943.0	2945.3	2945.9	2944.9	2943.2	2941.5	2938.0	2933.4	2928.3	2922.9
210	2953.9	2957.8	2961.1	2962.6	2962.3	2961.3	2960.2	2957.2	2953.1	2948.6	2943.5
211	2965.7	2970.9	2975.4	2977.8	2978.3	2977.8	2977.3	2974.8	2971.1	2967.0	2962.4
212	2966.4	2972.0	2976.7	2979.2	2979.9	2979.4	2978.8	2976.3	2972.5	2969.0	2964.9
213	2955.4	2960.3	2964.2	2965.8	2965.8	2964.7	2963.3	2960.2	2955.6	2951.7	2947.4
214	2939.2	2943.2	2946.3	2947.1	2946.4	2944.7	2942.5	2938.8	2933.6	2929.2	2924.5
215	2902.9	2896.2	2889.3	2881.7	2874.3	2867.5	2860.8	2853.7	2846.2	2840.0	2834.8
216	2874.1	2877.4	2880.7	2882.2	2883.0	2883.1	2883.1	2881.3	2878.2	2875.0	2871.4
217	2874.0	2878.0	2881.7	2883.3	2884.2	2884.2	2883.7	2881.5	2877.7	2875.0	2872.0
218	2843.3	2851.0	2860.0	2867.8	2875.9	2884.1	2893.0	2901.0	2908.1	2916.9	2925.7
219	2847.6	2849.3	2851.5	2852.1	2852.8	2853.1	2853.6	2852.5	2850.6	2849.4	2848.1
220	2846.3	2848.7	2851.5	2852.2	2852.9	2853.3	2853.7	2852.5	2850.3	2849.1	2848.1
221	2835.0	2835.6	2836.6	2836.4	2836.6	2836.7	2836.8	2835.9	2834.0	2833.1	2832.6
222	2834.9	2835.6	2836.6	2836.4	2836.5	2836.7	2836.9	2835.8	2833.9	2833.0	2832.5
223	2832.2	2832.4	2833.1	2832.6	2832.4	2832.0	2831.7	2830.2	2827.6	2826.0	2824.7
224	2832.9	2833.2	2834.1	2833.7	2833.5	2833.3	2833.0	2831.5	2829.0	2827.5	2826.3
225	2888.8	2883.9	2879.2	2874.0	2869.0	2864.7	2860.9	2856.7	2852.3	2849.3	2847.4
226	2924.8	2917.6	2909.7	2901.0	2891.9	2883.2	2874.6	2865.3	2855.6	2846.9	2839.1
227	2936.8	2929.7	2921.7	2912.9	2903.4	2894.1	2884.9	2874.9	2864.4	2854.7	2845.8
228	2953.2	2946.7	2938.9	2929.9	2919.9	2909.8	2899.6	2888.3	2876.4	2864.9	2854.0

Table XI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 884	R: 885	R: 886	R: 887	R: 888	R: 889	R: 890	R: 891	R: 892	R: 893	R: 894
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	**2856.1**	2865.4	2875.9	2884.9	2894.0	2902.9	2912.4	2920.7	2928.1	2936.9	2945.6
230	**2834.2**	2837.7	2842.6	2846.6	2851.4	2856.6	2862.7	2868.1	2873.1	2880.1	2887.7
231	**2903.1**	2904.2	2905.2	2904.6	2903.2	2901.2	2899.4	2895.8	2891.2	2886.5	2881.7
232	**2927.4**	2929.4	2930.8	2930.7	2929.3	2927.3	2925.2	2921.4	2916.4	2911.2	2905.7
233	**2924.9**	2927.8	2929.9	2929.8	2928.7	2926.4	2923.9	2920.0	2914.5	2910.1	2905.4
234	**2901.5**	2903.7	2905.2	2904.7	2903.5	2901.4	2898.9	2895.1	2890.0	2885.9	2881.7
235	**2844.8**	2849.5	2854.3	2857.0	2859.1	2860.1	2861.1	2860.5	2858.1	2855.8	2853.1
236	**2837.2**	2842.9	2849.1	2853.8	2857.9	2861.4	2864.6	2866.5	2867.1	2868.6	2869.6
237	**2833.0**	2837.0	2842.2	2846.3	2851.1	2855.9	2861.3	2865.7	2870.4	2875.9	2881.8
238	**2833.6**	2837.1	2841.6	2845.3	2849.6	2854.2	2861.2	2866.1	2870.5	2876.5	2883.2
239	2834.7	2837.7	2841.8	2845.2	2849.5	2854.2	2859.8	2864.7	2869.2	2875.8	2882.9
240	2839.4	2840.5	2842.7	2844.2	2846.7	2849.7	2853.5	2856.7	2859.7	2864.4	2870.0
241	2830.8	2835.1	2839.7	2842.6	2845.5	2847.9	2850.2	2851.0	2850.6	2851.0	2851.2
242	2827.2	2824.7	2823.1	2821.1	2820.2	2819.9	2820.3	2820.2	2819.8	2821.1	2823.3
243	2741.4	2733.3	2726.6	2719.8	2715.0	2711.8	2708.8	2705.5	2702.1	2700.6	2701.0
244	2888.2	2883.9	2880.0	2875.5	2871.4	2867.9	2865.0	2861.6	2858.0	2855.9	2854.8
245	2886.4	2881.7	2877.2	2872.3	2867.7	2863.7	2860.3	2856.4	2852.3	2849.7	2848.1
246	2858.1	2859.0	2860.7	2861.1	2859.1	2859.4	2859.3	2859.4	2857.5	2854.1	2852.1
247	2847.8	2850.8	2853.7	2854.8	2855.6	2855.8	2855.7	2854.1	2851.3	2848.7	2845.7
248	2840.5	2841.7	2843.4	2843.8	2844.5	2844.8	2845.1	2844.2	2842.3	2841.4	2840.6
249	2841.4	2842.9	2844.6	2844.8	2845.4	2845.6	2845.9	2844.8	2842.7	2841.8	2841.1
250	2815.4	2818.3	2821.6	2823.3	2825.1	2826.5	2827.5	2826.9	2824.8	2823.3	2821.9
251	2820.2	2819.0	2818.8	2817.4	2816.6	2815.9	2815.3	2813.6	2811.0	2809.4	2808.3
252	283.0	282.7	283.0	282.4	282.2	282.3	282.9	282.6	282.0	282.7	284.2

Table XII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Ori-	Nominal α									
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 897	R: 898	R: 899	R: 900	R: 901	R: 902	R: 903	R: 904	R: 905	R: 906
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2840.1	2845.0	2850.7	2858.7	2867.2	2876.6	2885.5	2893.2	2900.4	2909.9
3	2862.8	2864.6	2865.5	2867.7	2868.6	2868.8	2868.5	2866.8	2862.8	2860.9
4	2877.1	2878.7	2880.1	2883.1	2886.0	2887.6	2887.8	2885.3	2881.5	2879.8
5	2866.9	2867.6	2867.3	2868.5	2869.8	2868.2	2867.6	2865.6	2861.8	2860.3
6	2881.9	2881.5	2881.3	2882.8	2884.2	2884.6	2883.7	2880.5	2876.2	2874.4
7	2868.8	2868.7	2867.7	2868.2	2867.6	2866.6	2865.6	2863.3	2859.2	2857.5
8	2886.6	2885.2	2884.0	2884.7	2885.2	2884.6	2883.1	2879.3	2874.6	2872.5
9	2904.4	2896.1	2887.7	2881.3	2874.5	2867.5	2860.9	2854.3	2846.9	2842.9
10	2837.5	2840.9	2845.1	2851.6	2858.8	2866.9	2874.5	2881.3	2887.7	2896.5
11	2857.5	2859.6	2859.9	2860.6	2860.8	2861.2	2860.9	2859.6	2856.2	2855.0
12	2870.6	2870.9	2871.3	2873.4	2875.3	2876.3	2876.1	2873.7	2869.9	2868.5
13	2858.6	2859.2	2859.0	2861.9	2862.3	2861.3	2861.0	2859.7	2856.5	2855.8
14	2872.4	2872.0	2871.8	2873.5	2875.1	2875.9	2875.6	2873.1	2869.5	2868.4
15	2859.7	2860.0	2859.6	2860.6	2860.7	2860.8	2860.0	2857.7	2854.6	2854.2
16	2873.2	2872.3	2871.6	2872.8	2873.8	2874.2	2873.5	2870.3	2866.4	2865.5
17	2900.4	2894.4	2887.2	2881.7	2875.9	2869.3	2864.2	2858.4	2852.6	2849.9
19	2850.5	2851.9	2850.7	2851.3	2852.0	2852.5	2853.2	2851.6	2849.1	2848.8
20	2861.5	2861.9	2862.0	2863.6	2865.3	2866.5	2866.6	2865.0	2862.9	2862.6
21	2848.5	2848.2	2847.8	2848.8	2849.4	2850.4	2850.6	2849.8	2847.5	2847.7
22	2858.1	2857.3	2857.0	2858.6	2858.6	2860.8	2861.4	2859.8	2857.2	2857.2
23	2841.0	2840.5	2840.0	2841.0	2841.7	2842.8	2843.0	2842.4	2840.2	2840.8
24	2849.2	2848.3	2847.7	2848.9	2850.4	2851.6	2851.6	2850.3	2848.0	2848.3
25	2838.1	2837.0	2836.4	2837.3	2837.6	2838.6	2838.8	2838.0	2836.0	2836.7
26	2844.6	2843.3	2842.6	2843.7	2844.8	2845.9	2846.0	2844.9	2842.7	2843.1
43	2855.4	2857.6	2859.2	2862.0	2863.7	2864.9	2864.9	2863.8	2860.2	2858.7
44	2864.8	2867.3	2869.6	2873.4	2877.0	2879.5	2880.5	2879.0	2875.8	2874.7
67	2836.9	2836.2	2835.4	2836.4	2836.8	2837.6	2837.5	2836.5	2834.1	2834.2
68	2843.4	2842.6	2842.2	2843.6	2845.1	2846.4	2846.7	2845.6	2843.3	2843.6
85	2868.2	2869.1	2869.2	2870.5	2870.5	2869.9	2869.1	2866.9	2862.7	2860.6
86	2872.1	2876.7	2881.3	2887.2	2893.2	2898.2	2901.8	2902.5	2901.8	2903.0
87	2848.3	2853.2	2858.1	2864.8	2871.2	2877.5	2882.8	2887.0	2889.6	2894.3
88	2842.1	2845.5	2849.4	2855.4	2862.1	2869.0	2875.3	2880.2	2884.5	2891.0
89	2837.2	2837.8	2839.2	2843.0	2847.3	2852.5	2856.7	2860.9	2864.6	2871.3
90	2835.1	2836.3	2838.2	2842.5	2847.3	2853.2	2858.0	2862.8	2867.2	2874.2
91	2838.0	2838.4	2839.7	2843.4	2847.8	2853.2	2857.6	2861.8	2866.0	2873.0
921	2906.8	2897.8	2888.6	2881.5	2873.9	2866.3	2859.3	2851.8	2843.4	2838.6

Table XII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Ori-	Nominal α									
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 897	R: 898	R: 899	R: 900	R: 901	R: 902	R: 903	R: 904	R: 905	R: 906
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2843.5	2849.3	2855.8	2864.6	2873.9	2884.0	2893.5	2901.7	2909.3	2919.1
93	2837.0	2840.1	2844.2	2850.6	2857.6	2865.6	2873.0	2879.7	2886.0	2894.8
94	2843.2	2848.9	2855.1	2863.7	2872.8	2882.7	2892.0	2900.1	2907.5	2917.1
95	2840.0	2842.8	2846.3	2852.0	2858.2	2865.0	2871.0	2875.9	2880.3	2887.1
125	2839.0	2839.8	2840.0	2842.1	2843.4	2845.0	2845.4	2844.3	2841.6	2841.2
126	2850.3	2850.0	2850.0	2851.6	2853.4	2854.6	2854.0	2851.8	2848.2	2847.2
128	2910.9	2905.7	2900.6	2897.7	2894.8	2891.6	2889.1	2886.2	2882.8	2882.5
132	2837.1	2835.0	2833.7	2834.9	2836.6	2839.5	2842.1	2844.6	2846.8	2852.1
201	2973.9	2967.1	2959.2	2952.4	2944.1	2933.2	2922.7	2911.4	2898.4	2888.3
202	2984.7	2980.7	2975.8	2972.0	2966.8	2958.9	2951.4	2942.5	2931.9	2923.9
203	2984.7	2984.3	2982.8	2982.6	2981.1	2976.5	2972.5	2966.4	2958.4	2952.9
204	2971.5	2974.8	2977.4	2981.0	2983.6	2983.4	2983.4	2981.0	2976.7	2974.4
205	2944.3	2951.2	2957.4	2964.9	2971.8	2976.5	2981.1	2982.9	2982.9	2984.6
206	2916.5	2924.9	2933.2	2942.8	2952.3	2960.3	2968.2	2973.0	2976.6	2981.7
207	2894.8	2903.3	2911.8	2922.1	2932.4	2942.1	2951.4	2958.3	2963.9	2971.2
208	2880.3	2888.6	2897.1	2907.6	2918.2	2928.6	2938.4	2946.2	2952.9	2961.4
209	2932.8	2934.3	2934.5	2935.8	2935.6	2933.3	2931.7	2928.6	2923.2	2919.8
210	2948.0	2950.2	2951.4	2953.6	2954.3	2952.8	2951.9	2949.3	2944.5	2941.4
211	2963.1	2966.3	2968.4	2971.6	2973.5	2972.9	2972.7	2970.3	2965.8	2963.1
212	2971.7	2974.4	2976.6	2980.0	2982.6	2982.5	2982.3	2979.4	2974.9	2972.5
213	2964.3	2966.0	2967.3	2970.0	2972.1	2971.7	2970.6	2966.8	2961.6	2958.7
214	2950.6	2951.4	2951.8	2953.7	2955.1	2954.2	2952.4	2947.7	2941.8	2938.3
215	2905.9	2897.4	2888.6	2881.7	2874.4	2866.7	2859.5	2852.3	2844.2	2839.7
216	2867.5	2869.4	2870.6	2872.8	2873.8	2874.1	2873.8	2872.2	2868.3	2866.5
217	2883.5	2884.8	2886.3	2889.2	2891.9	2893.4	2893.4	2890.6	2886.5	2884.7
218	2843.3	2848.9	2855.1	2863.6	2872.6	2882.4	2891.6	2899.6	2906.9	2916.5
219	2844.8	2844.9	2844.9	2846.3	2847.0	2848.1	2848.2	2847.2	2844.8	2844.7
220	2853.4	2853.9	2854.2	2856.0	2856.7	2858.7	2858.9	2857.4	2855.0	2854.9
221	2833.9	2832.8	2831.5	2832.1	2832.3	2833.1	2832.9	2832.0	2829.7	2830.1
222	2840.1	2838.7	2837.6	2838.6	2839.6	2840.6	2840.7	2839.5	2837.3	2837.6
223	2831.6	2830.1	2828.4	2828.6	2828.2	2828.3	2827.5	2825.8	2822.7	2822.2
224	2837.3	2835.9	2834.8	2835.6	2836.5	2837.3	2837.0	2835.6	2832.9	2832.7
225	2892.3	2885.4	2878.5	2873.9	2869.2	2864.7	2860.6	2856.2	2851.2	2849.6
226	2929.1	2919.8	2910.1	2902.1	2893.4	2883.5	2874.2	2864.7	2854.2	2847.2
227	2940.9	2931.8	2922.0	2913.9	2904.8	2894.4	2884.3	2874.1	2862.8	2854.7
228	2957.2	2948.5	2939.0	2930.8	2921.4	2910.0	2898.9	2887.4	2874.6	2864.9

Table XII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Ori-	Nominal α									
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 897	R: 898	R: 899	R: 900	R: 901	R: 902	R: 903	R: 904	R: 905	R: 906
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2856.1	2863.3	2870.9	2880.7	2891.0	2901.6	2911.7	2920.2	2927.7	2937.3
230	2835.1	2836.7	2839.1	2843.9	2849.3	2856.2	2862.8	2868.2	2873.2	2880.9
231	2894.7	2894.9	2894.0	2894.3	2893.1	2890.9	2889.1	2886.1	2880.9	2877.9
232	2919.5	2920.3	2919.9	2920.6	2919.7	2917.2	2915.1	2911.7	2906.1	2902.5
233	2936.9	2936.6	2936.0	2937.1	2937.8	2936.5	2934.1	2929.1	2923.0	2919.4
234	2914.0	2912.9	2911.8	2912.5	2912.9	2911.7	2909.3	2904.4	2898.4	2895.1
235	2844.0	2846.3	2848.3	2851.4	2853.2	2854.7	2855.0	2853.5	2850.0	2848.5
236	2838.8	2841.6	2844.7	2849.5	2853.3	2857.1	2859.6	2860.7	2860.2	2862.3
237	2835.3	2836.9	2839.2	2843.7	2848.6	2854.1	2858.9	2863.9	2867.3	2873.6
238	2835.7	2836.8	2838.6	2842.8	2847.9	2854.8	2859.9	2864.5	2868.6	2875.6
239	2835.9	2836.8	2838.5	2842.8	2847.6	2853.4	2859.0	2864.5	2869.0	2876.3
240	2841.2	2840.2	2840.0	2842.3	2845.2	2849.0	2852.6	2855.9	2858.8	2864.7
241	2834.5	2835.7	2837.1	2840.1	2842.6	2845.1	2846.2	2846.2	2844.6	2845.3
242	2829.6	2825.2	2821.5	2820.2	2819.2	2819.6	2819.7	2819.5	2818.9	2821.4
243	2744.3	2734.9	2726.5	2720.5	2715.0	2712.2	2708.2	2705.1	2701.6	2701.5
244	2891.4	2885.1	2878.9	2875.1	2871.3	2867.7	2864.5	2861.1	2857.0	2856.2
245	2889.8	2883.0	2876.4	2872.1	2867.7	2863.6	2859.8	2855.8	2851.2	2850.0
246	2854.0	2853.2	2852.8	2854.1	2852.3	2853.2	2853.1	2852.8	2851.4	2849.3
247	2845.6	2846.6	2847.1	2848.9	2849.8	2850.3	2849.7	2848.0	2844.3	2842.7
248	2837.2	2837.0	2836.7	2838.1	2838.9	2840.3	2840.6	2840.0	2838.0	2838.5
249	2848.4	2847.3	2846.9	2848.0	2849.4	2850.3	2850.2	2848.7	2846.0	2846.0
250	2810.2	2812.4	2814.1	2817.2	2819.4	2822.4	2823.7	2823.5	2821.7	2821.9
251	2820.4	2817.5	2815.1	2814.6	2813.6	2813.5	2812.4	2810.5	2807.4	2807.1
252	285.3	282.8	281.1	281.4	281.6	282.3	282.7	282.3	281.4	283.4

Table XIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 895 Pi	Nominal β 2.0° R: 896 Pi
2	2885.2	2886.9
3	2876.0	2870.7
4	2877.5	2888.4
5	2874.4	2869.7
6	2873.8	2884.3
7	2872.1	2867.7
8	2873.5	2883.7
9	2860.3	2862.2
10	2874.3	2875.9
11	2867.0	2863.0
12	2867.2	2876.7
13	2866.8	2863.1
14	2866.8	2876.1
15	2865.3	2861.8
16	2864.5	2874.1
17	2864.1	2865.6
19	2858.0	2854.9
20	2859.1	2867.1
21	2854.4	2852.3
22	2854.8	2862.2
23	2846.5	2844.6
24	2845.8	2852.4
25	2841.6	2840.2
26	2840.8	2846.8
43	2871.7	2867.1
44	2871.0	2881.1
67	2840.5	2839.0
68	2841.2	2847.4
85	2876.9	2871.3
86	2891.9	2902.3
87	2888.0	2884.9
88	2871.5	2876.4
89	2857.6	2858.1
90	2857.0	2859.3
91	2857.6	2859.4
921	2857.5	2860.2

Table XIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 895 Pi	Nominal β 2.0° R: 896 Pi
922	2893.1	2895.0
93	2872.7	2874.4
94	2891.1	2893.4
95	2867.8	2872.2
125	2848.8	2847.1
126	2847.9	2854.9
128	2888.4	2890.6
132	2841.6	2843.3
201	2922.0	2924.3
202	2950.6	2953.2
203	2971.5	2974.4
204	2982.4	2985.3
205	2980.1	2983.0
206	2967.3	2969.9
207	2950.8	2953.1
208	2937.9	2940.2
209	2940.0	2934.3
210	2958.6	2954.5
211	2975.8	2974.8
212	2977.3	2983.8
213	2961.9	2971.6
214	2941.2	2953.1
215	2859.5	2860.8
216	2881.7	2876.1
217	2882.5	2893.8
218	2891.9	2893.1
219	2852.3	2849.9
220	2852.5	2860.1
221	2835.6	2834.4
222	2835.7	2841.6
223	2830.4	2829.0
224	2831.8	2837.8
225	2859.5	2861.8
226	2873.1	2875.5
227	2883.4	2885.6
228	2898.1	2900.4

Table XIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .25, q_∞ = 125.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 895 Pi	Nominal β 2.0° R: 896 Pi
229	2911.2	2913.2
230	2861.5	2863.7
231	2897.9	2891.5
232	2923.7	2917.6
233	2922.6	2934.8
234	2897.6	2909.9
235	2859.7	2856.8
236	2863.4	2861.2
237	2860.1	2860.3
238	2860.1	2861.3
239	2858.6	2860.1
240	2852.3	2854.0
241	2849.0	2847.7
242	2819.1	2820.9
243	2707.7	2708.7
244	2863.6	2865.8
245	2859.0	2861.1
246	2858.0	2854.9
247	2854.4	2851.5
248	2843.9	2842.1
249	2844.7	2851.1
250	2826.4	2825.1
251	2814.1	2813.7
252	281.7	283.7

Table XIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 754	R: 755	R: 756	R: 757	R: 758	R: 759	R: 760	R: 761	R: 762	R: 763	R: 764
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1757.0	1767.6	1780.0	1792.4	1805.2	1818.9	1831.3	1844.0	1856.1	1868.9	1881.6
3	1805.2	1809.7	1813.8	1816.9	1818.2	1818.8	1817.6	1815.0	1810.6	1805.2	1798.4
4	1804.4	1809.7	1814.8	1818.4	1820.3	1821.0	1819.7	1816.4	1811.6	1806.4	1800.3
5	1812.7	1814.8	1816.6	1817.9	1817.5	1816.8	1814.6	1811.3	1806.6	1801.2	1794.8
6	1810.6	1813.3	1816.1	1817.7	1818.0	1817.2	1814.1	1809.8	1804.7	1799.3	1793.4
7	1815.9	1816.6	1817.1	1817.2	1815.5	1813.7	1810.7	1806.5	1801.0	1795.1	1788.5
8	1816.9	1818.4	1819.7	1820.0	1818.7	1816.7	1813.4	1808.6	1803.0	1797.4	1791.3
9	1857.3	1846.8	1835.8	1825.7	1814.5	1803.9	1793.6	1783.0	1772.9	1763.5	1754.9
10	1751.7	1760.0	1770.0	1780.2	1790.7	1802.5	1813.2	1824.4	1835.3	1847.1	1858.9
11	1804.1	1805.4	1806.5	1807.4	1807.1	1806.3	1802.7	1798.0	1791.4	1786.2	1779.9
12	1805.1	1806.2	1807.6	1808.9	1808.1	1806.2	1802.3	1796.9	1790.1	1783.4	1776.8
13	1800.4	1801.8	1803.3	1804.7	1804.6	1804.3	1801.9	1798.7	1793.9	1789.5	1784.4
14	1800.1	1802.0	1804.3	1806.4	1805.8	1804.6	1801.5	1797.5	1792.5	1787.5	1782.0
15	1800.4	1801.7	1802.9	1803.9	1803.4	1802.6	1800.3	1796.9	1792.5	1787.7	1782.3
16	1797.7	1799.5	1801.5	1802.7	1802.4	1801.5	1798.9	1795.3	1790.8	1786.4	1781.3
17	1851.6	1844.5	1835.0	1826.1	1816.2	1807.1	1798.5	1789.7	1781.2	1773.7	1766.9
19	1781.2	1784.9	1784.7	1786.9	1787.4	1789.5	1787.7	1785.4	1783.0	1779.8	1775.1
20	1777.6	1782.8	1786.7	1788.8	1789.6	1790.5	1790.0	1787.9	1785.3	1781.8	1775.9
21	1775.0	1777.0	1779.4	1781.0	1781.5	1782.2	1781.8	1781.1	1778.2	1775.9	1773.4
22	1775.4	1777.3	1779.9	1781.4	1782.1	1782.4	1781.9	1780.5	1777.2	1775.3	1772.8
23	1761.3	1762.9	1765.1	1767.0	1767.7	1768.4	1768.1	1767.1	1765.5	1763.7	1761.7
24	1760.0	1761.8	1763.7	1764.9	1765.3	1765.6	1765.5	1763.6	1761.6	1759.6	1757.5
25	1755.9	1757.0	1758.8	1760.1	1760.4	1760.8	1760.4	1759.5	1757.5	1756.0	1754.3
26	1754.0	1755.5	1757.3	1758.6	1759.0	1759.4	1758.8	1757.5	1755.8	1754.2	1752.3
43	1792.9	1798.5	1803.8	1807.8	1809.7	1811.4	1811.7	1810.4	1807.1	1803.1	1798.1
44	1788.4	1794.8	1800.8	1805.2	1807.8	1810.0	1810.2	1808.1	1804.3	1800.1	1795.7
67	1753.1	1754.7	1756.7	1758.6	1758.4	1759.5	1759.0	1757.6	1755.7	1753.6	1751.0
68	1752.5	1754.3	1756.5	1758.4	1758.0	1759.5	1759.0	1757.4	1755.3	1753.1	1750.5
85	1816.0	1818.7	1821.0	1822.5	1822.3	1821.5	1819.1	1815.4	1810.1	1803.9	1796.6
86	1800.5	1810.0	1819.6	1827.7	1834.4	1840.2	1843.4	1844.7	1844.4	1843.6	1841.8
87	1774.2	1785.3	1797.1	1808.0	1818.2	1828.2	1836.3	1844.0	1850.2	1856.0	1860.8
88	1757.7	1765.7	1775.4	1784.4	1793.2	1802.5	1810.6	1818.5	1825.8	1833.6	1841.3
89	1748.5	1752.9	1758.8	1765.1	1771.5	1779.1	1786.1	1792.5	1799.8	1808.3	1817.2
90	1748.4	1752.6	1758.4	1764.3	1770.3	1777.8	1784.8	1792.1	1799.6	1808.2	1816.9
91	1750.2	1753.9	1759.1	1764.3	1769.7	1777.0	1783.9	1791.4	1799.1	1808.1	1817.4
921	1861.6	1850.0	1837.8	1825.7	1812.2	1799.7	1788.0	1775.9	1764.5	1753.2	1742.9

Table XIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
	R: 754	R: 755	R: 756	R: 757	R: 758	R: 759	R: 760	R: 761	R: 762	R: 763	R: 764
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1763.1	1775.1	1788.9	1802.5	1816.6	1831.4	1844.6	1858.0	1870.6	1883.9	1896.7
93	1750.3	1758.4	1768.0	1778.0	1788.3	1799.8	1810.3	1821.3	1832.0	1843.7	1855.5
94	1762.8	1774.3	1787.6	1800.7	1814.0	1828.5	1841.3	1854.4	1866.7	1879.6	1892.2
95	1754.5	1761.8	1770.9	1779.4	1787.8	1796.9	1804.9	1812.9	1820.4	1828.6	1836.7
125	1762.4	1765.4	1768.5	1771.3	1772.4	1773.4	1772.7	1770.4	1767.1	1763.4	1759.7
126	1761.3	1764.5	1767.9	1770.6	1772.0	1772.7	1771.6	1769.2	1765.6	1762.0	1758.4
128	1869.1	1863.3	1857.5	1852.6	1847.2	1842.5	1838.0	1833.5	1829.4	1826.1	1823.4
132	1748.5	1748.3	1749.2	1750.9	1752.9	1756.4	1759.9	1764.0	1768.6	1774.7	1781.4
201	1971.1	1962.1	1951.3	1939.5	1925.2	1910.0	1894.0	1876.3	1857.3	1837.8	1817.5
202	1989.5	1985.3	1979.5	1972.4	1963.0	1952.3	1940.4	1926.9	1911.6	1895.8	1878.6
203	1991.1	1992.1	1991.9	1990.2	1986.4	1981.0	1973.8	1964.8	1953.7	1941.7	1928.1
204	1971.1	1978.3	1984.5	1988.9	1991.4	1992.1	1990.7	1987.7	1982.0	1975.5	1966.9
205	1929.2	1941.9	1954.4	1965.1	1974.5	1982.2	1987.2	1990.7	1991.5	1991.5	1989.6
206	1884.5	1899.8	1915.6	1929.8	1943.4	1955.6	1965.4	1973.9	1980.2	1985.6	1989.3
207	1849.2	1864.9	1881.6	1897.0	1912.3	1926.8	1938.9	1950.3	1959.9	1968.9	1976.6
208	1825.3	1840.7	1857.3	1873.0	1888.7	1904.0	1917.2	1929.9	1940.9	1951.9	1961.7
209	1921.9	1925.1	1927.4	1928.6	1927.9	1926.1	1922.5	1917.6	1910.4	1902.0	1891.7
210	1944.8	1949.4	1953.1	1955.4	1956.2	1955.5	1952.8	1948.8	1942.3	1934.6	1924.9
211	1963.1	1969.4	1974.7	1978.5	1980.6	1981.0	1979.3	1975.9	1970.1	1962.9	1953.7
212	1965.2	1971.9	1977.7	1981.8	1984.2	1984.6	1982.8	1979.2	1973.3	1966.6	1958.0
213	1945.4	1950.9	1955.7	1958.6	1959.6	1958.9	1956.1	1951.2	1944.4	1937.1	1928.1
214	1919.2	1923.6	1927.2	1928.9	1928.8	1926.8	1922.8	1916.8	1909.1	1900.7	1891.3
215	1860.2	1848.8	1836.8	1825.5	1813.2	1801.8	1790.5	1778.8	1767.4	1756.9	1747.0
216	1813.0	1817.8	1822.1	1825.3	1826.8	1827.5	1826.4	1823.9	1819.5	1814.1	1807.2
217	1813.8	1819.1	1824.2	1827.7	1829.4	1829.8	1828.2	1824.6	1819.5	1814.0	1807.6
218	1763.3	1775.1	1788.5	1801.8	1815.4	1829.8	1842.7	1855.9	1868.3	1881.3	1893.9
219	1768.7	1771.3	1774.2	1776.8	1777.5	1778.5	1778.5	1777.0	1774.9	1772.4	1769.1
220	1767.7	1770.7	1774.1	1776.6	1777.5	1778.3	1778.2	1776.6	1773.9	1771.3	1768.0
221	1747.7	1748.6	1749.7	1751.0	1750.9	1751.2	1750.7	1749.3	1747.3	1745.6	1743.5
222	1747.9	1748.9	1750.1	1751.1	1751.1	1752.0	1751.0	1749.4	1747.4	1745.4	1743.3
223	1743.1	1743.6	1744.4	1745.0	1744.5	1744.0	1742.6	1740.4	1737.5	1734.6	1731.4
224	1744.1	1744.7	1745.7	1745.4	1746.3	1745.8	1744.5	1742.2	1739.3	1736.4	1733.2
225	1836.7	1828.3	1819.8	1812.4	1804.2	1797.0	1790.2	1783.4	1777.1	1771.9	1767.2
226	1895.4	1882.9	1869.5	1856.2	1841.3	1826.7	1812.5	1797.4	1782.3	1767.9	1753.6
227	1915.3	1903.1	1889.5	1875.9	1860.5	1845.2	1830.0	1813.7	1797.3	1781.4	1765.4
228	1942.7	1931.1	1917.7	1904.0	1887.8	1871.3	1854.5	1836.5	1817.6	1798.8	1779.6

Table XIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 754	R: 755	R: 756	R: 757	R: 758	R: 759	R: 760	R: 761	R: 762	R: 763	R: 764
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1786.0	1800.0	1815.6	1830.7	1846.1	1861.8	1875.7	1889.4	1902.1	1915.0	1927.2
230	1747.4	1752.7	1760.5	1768.8	1776.5	1785.5	1793.7	1802.7	1811.5	1821.6	1832.0
231	1861.2	1862.2	1862.6	1862.4	1860.4	1857.8	1853.7	1848.5	1841.6	1833.8	1824.7
232	1900.9	1903.0	1904.2	1904.4	1902.8	1900.1	1895.9	1890.4	1882.8	1874.0	1863.7
233	1897.7	1900.6	1902.8	1903.5	1902.2	1899.3	1894.7	1888.1	1880.1	1871.9	1862.6
234	1859.3	1861.3	1862.8	1863.0	1861.3	1858.3	1853.8	1847.4	1839.9	1832.4	1824.0
235	1762.6	1774.6	1779.8	1784.5	1787.0	1789.4	1789.8	1789.3	1786.5	1782.5	1777.1
236	1752.4	1760.7	1769.8	1778.1	1784.7	1790.9	1794.9	1798.3	1800.4	1802.0	1802.6
237	1745.3	1751.3	1758.9	1766.5	1774.2	1782.7	1790.0	1797.3	1805.7	1814.0	1822.2
238	1745.5	1750.7	1757.4	1764.4	1771.2	1779.3	1789.1	1797.3	1805.2	1814.3	1823.8
239	1748.7	1753.0	1759.0	1766.2	1773.8	1781.9	1789.4	1797.5	1805.7	1815.1	1824.9
240	1755.1	1756.7	1759.6	1763.2	1767.0	1772.0	1777.2	1782.4	1788.1	1795.2	1802.9
241	1741.5	1748.2	1754.7	1760.6	1765.3	1769.7	1772.3	1774.0	1774.7	1774.9	1774.3
242	1734.1	1730.1	1727.2	1725.3	1723.2	1722.6	1722.2	1722.0	1722.6	1724.1	1726.4
243	1592.4	1580.2	1569.5	1560.4	1550.9	1543.9	1537.7	1531.9	1528.1	1525.9	1525.6
244	1835.0	1827.5	1820.4	1814.1	1807.3	1801.5	1796.1	1790.7	1785.7	1781.7	1778.5
245	1832.9	1824.7	1816.8	1809.7	1802.0	1795.4	1789.2	1782.9	1777.1	1772.3	1768.3
246	1786.8	1788.0	1789.9	1791.6	1791.9	1791.1	1787.5	1785.5	1782.8	1780.0	1775.6
247	1768.9	1773.2	1776.9	1779.8	1782.7	1783.3	1782.2	1779.8	1776.2	1771.6	1765.7
248	1757.5	1759.4	1761.7	1763.7	1764.5	1765.2	1764.8	1763.5	1761.6	1759.7	1756.1
249	1759.1	1761.3	1763.7	1765.3	1766.0	1766.5	1766.0	1764.4	1762.3	1760.7	1755.0
250	1715.0	1719.9	1724.8	1729.1	1731.5	1733.8	1734.4	1733.4	1731.2	1728.6	1725.5
251	1725.4	1723.9	1723.1	1722.4	1720.5	1718.6	1716.8	1714.1	1711.0	1708.0	1705.0
252	175.3	180.2	186.7	182.5	188.7	185.0	189.3	183.5	196.4	199.5	191.8

Table XV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 734	R: 735	R: 736	R: 737	R: 738	R: 739	R: 740
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1752.9	1765.2	1778.5	1791.3	1804.3	1817.3	1830.6
3	1801.1	1807.0	1812.6	1816.0	1817.5	1817.8	1816.2
4	1803.2	1808.9	1814.3	1817.8	1820.0	1821.0	1820.5
5	1809.2	1812.4	1815.5	1817.0	1816.9	1815.9	1813.3
6	1810.0	1812.8	1815.6	1817.1	1817.8	1817.5	1815.2
7	1812.9	1814.6	1816.2	1816.2	1815.0	1813.0	1809.5
8	1816.8	1817.9	1819.3	1819.5	1818.8	1817.3	1814.6
9	1858.0	1846.3	1835.5	1825.3	1814.8	1804.7	1794.2
10	1748.1	1757.8	1768.5	1779.0	1790.0	1801.1	1812.7
11	1801.1	1803.3	1805.6	1806.6	1806.6	1805.6	1801.4
12	1804.6	1805.7	1807.3	1808.4	1808.0	1806.6	1803.3
13	1797.2	1799.7	1802.2	1803.6	1804.0	1803.4	1800.7
14	1799.5	1801.4	1803.8	1805.8	1805.7	1805.1	1802.4
15	1797.3	1799.5	1801.9	1802.8	1802.5	1801.6	1799.1
16	1797.1	1799.0	1801.2	1802.2	1802.4	1801.8	1799.9
17	1852.4	1843.9	1834.5	1825.7	1816.4	1807.7	1799.0
19	1777.4	1782.9	1783.7	1785.8	1786.6	1788.6	1786.6
20	1776.3	1781.9	1786.2	1788.3	1789.5	1790.6	1790.4
21	1772.6	1775.1	1778.4	1779.9	1780.8	1781.3	1781.0
22	1774.1	1776.4	1779.4	1780.9	1782.0	1782.5	1782.2
23	1758.5	1761.3	1764.1	1765.9	1767.0	1767.6	1767.5
24	1758.4	1760.9	1763.2	1764.5	1765.4	1765.7	1765.8
25	1753.5	1755.4	1757.8	1759.1	1759.8	1760.1	1759.8
26	1752.4	1754.6	1756.9	1758.1	1759.0	1759.5	1759.3
43	1788.8	1795.8	1802.4	1806.7	1809.0	1810.5	1810.6
44	1786.4	1793.8	1800.3	1804.7	1807.6	1809.8	1810.8
67	1750.6	1753.1	1755.7	1757.6	1758.0	1758.8	1758.5
68	1750.8	1753.4	1756.0	1758.0	1758.2	1759.6	1759.3
85	1812.3	1816.3	1819.9	1821.7	1821.6	1820.5	1817.7
86	1798.3	1808.8	1818.9	1827.2	1833.9	1839.5	1843.8
87	1769.3	1782.2	1795.2	1806.8	1817.2	1826.8	1835.4
88	1754.5	1764.1	1774.4	1783.6	1792.6	1801.4	1810.3
89	1745.9	1751.2	1757.6	1764.0	1770.7	1778.0	1785.8
90	1745.3	1750.7	1757.2	1763.5	1769.8	1776.9	1784.6
91	1747.5	1752.2	1758.0	1763.4	1769.1	1776.0	1783.7
921	1862.4	1849.4	1837.5	1825.3	1812.5	1800.5	1788.5

Table XV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 734	R: 735	R: 736	R: 737	R: 738	R: 739	R: 740
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1758.8	1772.7	1787.3	1801.5	1815.6	1829.7	1843.9
93	1746.8	1756.2	1766.7	1776.9	1787.5	1798.4	1809.9
94	1758.6	1771.8	1786.0	1799.6	1812.4	1826.8	1840.7
95	1751.3	1760.2	1769.9	1778.6	1787.2	1795.8	1804.6
125	1759.4	1763.5	1767.4	1770.1	1771.6	1772.5	1772.0
126	1759.7	1763.7	1767.5	1770.3	1772.0	1772.9	1772.4
128	1868.9	1862.3	1857.0	1852.0	1847.1	1842.6	1838.2
132	1746.6	1747.0	1748.4	1750.1	1752.4	1755.7	1759.7
201	1972.0	1961.2	1950.8	1939.0	1925.4	1910.9	1894.7
202	1989.8	1984.0	1978.7	1971.7	1962.9	1952.7	1940.7
203	1990.3	1990.3	1990.9	1989.4	1985.9	1980.9	1973.8
204	1969.0	1975.9	1983.2	1988.0	1990.6	1991.4	1990.3
205	1925.8	1939.1	1952.9	1964.1	1973.4	1980.9	1986.5
206	1880.2	1896.8	1913.8	1928.7	1942.1	1954.0	1964.4
207	1844.7	1861.9	1879.8	1895.9	1911.1	1925.0	1937.9
208	1820.7	1837.8	1855.6	1871.9	1887.6	1902.2	1916.3
209	1918.6	1922.3	1926.2	1927.7	1927.1	1925.1	1920.9
210	1941.6	1946.5	1951.8	1954.6	1955.3	1954.5	1951.5
211	1960.2	1966.6	1973.3	1977.6	1979.7	1980.1	1978.3
212	1964.0	1970.0	1976.6	1981.0	1983.5	1984.2	1983.1
213	1944.8	1949.4	1954.6	1957.6	1959.0	1958.7	1956.7
214	1919.1	1922.5	1926.3	1928.0	1928.2	1926.9	1924.0
215	1860.9	1848.2	1836.4	1825.0	1813.4	1802.4	1791.0
216	1808.8	1815.1	1820.8	1824.4	1826.1	1826.5	1824.9
217	1812.9	1818.4	1823.7	1827.1	1829.1	1829.9	1829.2
218	1759.0	1772.4	1786.8	1800.6	1814.5	1828.1	1842.0
219	1765.6	1769.4	1773.1	1775.7	1776.8	1777.6	1777.7
220	1766.1	1769.8	1773.5	1776.1	1777.5	1778.2	1778.7
221	1745.2	1747.2	1748.7	1749.9	1750.3	1750.5	1750.2
222	1746.2	1748.5	1749.9	1750.8	1751.2	1751.8	1751.3
223	1740.8	1742.3	1743.5	1744.1	1744.0	1743.5	1742.2
224	1742.4	1743.8	1745.3	1745.0	1746.4	1746.0	1744.8
225	1836.6	1827.5	1819.4	1811.9	1804.4	1797.5	1790.7
226	1896.5	1882.4	1869.1	1855.7	1841.7	1827.8	1813.3
227	1916.6	1902.5	1889.1	1875.3	1860.8	1846.2	1830.7
228	1944.1	1930.5	1917.4	1903.4	1888.2	1872.4	1855.4

Table XV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 734	R: 735	R: 736	R: 737	R: 738	R: 739	R: 740
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1781.5	1797.4	1814.1	1829.8	1845.2	1860.1	1874.9
230	1744.3	1750.8	1759.4	1767.8	1775.8	1784.3	1793.4
231	1857.8	1859.7	1861.6	1861.5	1859.6	1856.8	1852.1
232	1897.6	1900.3	1903.0	1903.5	1901.9	1899.1	1894.2
233	1898.0	1900.0	1902.2	1902.8	1902.0	1899.8	1896.2
234	1859.6	1860.9	1862.3	1862.4	1861.1	1858.9	1855.3
235	1758.5	1772.1	1778.4	1783.3	1786.3	1788.6	1789.1
236	1748.8	1758.2	1768.1	1776.7	1783.8	1789.9	1794.3
237	1742.3	1749.3	1757.4	1765.3	1773.4	1781.4	1789.6
238	1742.6	1748.9	1756.0	1763.1	1770.4	1778.0	1788.8
239	1745.9	1751.4	1758.0	1765.2	1773.2	1780.8	1789.1
240	1753.0	1755.2	1758.7	1762.3	1766.4	1771.1	1776.9
241	1738.2	1746.3	1753.4	1759.5	1764.6	1768.9	1772.1
242	1732.9	1729.4	1726.7	1724.7	1723.2	1722.6	1722.3
243	1591.8	1580.9	1570.1	1560.5	1551.9	1544.8	1538.5
244	1834.8	1826.7	1820.0	1813.6	1807.4	1801.9	1796.4
245	1832.8	1824.0	1816.4	1809.3	1802.3	1795.9	1789.6
246	1784.2	1786.0	1788.8	1790.6	1791.1	1790.3	1786.5
247	1765.4	1771.0	1775.7	1778.6	1782.1	1782.5	1781.4
248	1754.8	1757.8	1760.7	1762.6	1763.8	1764.4	1764.1
249	1757.5	1760.4	1763.3	1764.8	1766.1	1766.7	1766.5
250	1711.5	1718.1	1723.7	1727.8	1730.7	1732.8	1733.6
251	1723.4	1722.8	1722.3	1721.6	1720.3	1718.4	1716.8
252	170.7	177.4	185.0	181.5	187.6	183.1	188.5

Table XVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 710	R: 711	R: 712	R: 713	R: 714	R: 715	R: 716	R: 717	R: 718	R: 719	R: 720
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1752.3	1764.5	1777.0	1789.1	1802.2	1816.6	1829.5	1842.4	1855.7	1868.7	1880.7
3	1791.2	1797.1	1801.4	1804.0	1805.4	1804.0	1803.4	1800.5	1796.3	1790.9	1783.0
4	1813.0	1820.0	1824.9	1828.6	1831.1	1833.9	1832.5	1829.7	1825.5	1820.9	1814.2
5	1797.8	1801.6	1803.9	1804.9	1805.0	1802.3	1801.1	1797.9	1793.6	1788.7	1781.5
6	1821.5	1825.3	1827.3	1828.4	1828.8	1829.5	1826.3	1822.2	1817.1	1812.0	1805.2
7	1801.1	1803.8	1804.8	1804.7	1803.8	1800.3	1798.0	1794.2	1789.5	1784.2	1776.9
8	1828.7	1831.0	1831.4	1831.0	1830.0	1829.4	1825.1	1820.0	1814.3	1808.7	1801.5
9	1858.4	1848.8	1837.1	1826.1	1815.1	1803.4	1791.3	1780.8	1771.4	1763.1	1753.7
10	1747.6	1757.4	1767.3	1777.2	1788.1	1800.3	1811.4	1822.7	1834.7	1846.7	1857.8
11	1791.8	1794.4	1795.6	1796.0	1796.0	1793.1	1789.8	1784.8	1778.8	1774.2	1766.8
12	1814.3	1817.0	1817.8	1818.3	1818.0	1817.9	1813.7	1808.8	1802.5	1795.9	1788.4
13	1787.5	1790.5	1792.2	1793.2	1793.6	1791.6	1789.8	1786.3	1782.2	1778.5	1772.4
14	1809.3	1812.4	1813.7	1814.6	1814.8	1815.3	1812.3	1808.6	1803.8	1799.0	1792.6
15	1786.8	1790.0	1791.7	1792.4	1792.5	1790.2	1788.8	1785.9	1782.1	1778.1	1771.9
16	1807.8	1810.6	1811.7	1812.2	1812.2	1812.4	1809.3	1805.5	1801.0	1796.4	1790.2
17	1852.8	1845.5	1835.5	1826.1	1816.7	1806.9	1797.2	1788.9	1781.1	1774.2	1766.7
19	1769.8	1775.7	1775.7	1777.1	1778.1	1778.7	1777.5	1775.8	1773.6	1770.6	1765.2
20	1784.9	1790.6	1793.5	1795.3	1796.6	1799.3	1798.0	1796.4	1794.3	1791.3	1784.3
21	1765.9	1768.9	1771.3	1772.3	1773.2	1773.1	1773.2	1772.5	1770.1	1768.0	1764.7
22	1781.0	1784.3	1786.7	1788.2	1789.2	1790.2	1789.0	1788.0	1785.0	1783.4	1779.9
23	1752.6	1755.9	1757.8	1758.9	1760.1	1760.0	1760.3	1759.2	1758.1	1756.9	1753.7
24	1765.0	1768.2	1769.7	1770.6	1771.6	1772.5	1771.5	1770.3	1768.6	1766.9	1763.8
25	1748.0	1750.5	1752.2	1753.0	1753.7	1753.4	1753.4	1752.9	1751.1	1750.3	1747.4
26	1758.4	1761.3	1762.7	1763.5	1764.5	1765.3	1764.3	1763.4	1761.9	1760.5	1757.6
43	1781.7	1788.2	1793.2	1796.4	1798.3	1798.6	1798.9	1796.9	1793.7	1789.6	1783.2
44	1793.9	1802.3	1808.6	1813.4	1817.1	1821.0	1821.5	1820.4	1817.7	1814.2	1809.2
67	1746.3	1749.2	1750.7	1751.8	1751.8	1752.0	1751.7	1750.5	1748.7	1746.7	1742.9
68	1755.7	1759.1	1761.0	1762.6	1764.1	1765.5	1764.6	1763.7	1762.1	1760.4	1757.1
85	1800.2	1804.6	1807.3	1808.7	1808.8	1805.9	1804.5	1800.9	1796.2	1790.3	1782.1
86	1805.6	1817.3	1827.2	1835.9	1843.5	1851.6	1855.5	1857.9	1858.8	1858.9	1857.0
87	1766.1	1777.8	1789.1	1799.0	1808.8	1817.9	1826.2	1832.9	1839.3	1844.4	1847.5
88	1756.4	1766.1	1775.5	1784.6	1794.1	1804.6	1813.1	1821.8	1830.4	1838.9	1846.3
89	1747.0	1752.3	1757.3	1762.7	1769.3	1776.3	1782.2	1789.4	1797.2	1805.6	1813.2
90	1743.8	1750.0	1755.9	1762.1	1769.4	1777.6	1784.4	1792.3	1800.9	1810.1	1818.5
91	1747.8	1752.8	1756.4	1761.4	1768.0	1775.5	1782.5	1790.1	1798.6	1807.8	1816.3
921	1861.4	1850.5	1837.6	1825.3	1812.9	1799.9	1787.0	1775.7	1764.4	1754.4	1744.7

Table XVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 710	R: 711	R: 712	R: 713	R: 714	R: 715	R: 716	R: 717	R: 718	R: 719	R: 720
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1758.5	1772.1	1786.0	1799.4	1813.6	1829.0	1842.9	1856.5	1870.4	1883.7	1895.8
93	1746.5	1755.9	1765.5	1775.1	1785.8	1797.7	1808.5	1819.7	1831.5	1843.4	1854.5
94	1758.3	1771.5	1784.9	1797.9	1811.7	1826.9	1840.4	1853.8	1867.5	1880.7	1892.7
95	1753.1	1761.9	1770.6	1779.0	1788.0	1798.1	1806.4	1815.1	1823.8	1832.6	1840.4
125	1750.6	1755.4	1758.8	1761.5	1763.5	1764.3	1764.8	1763.1	1760.7	1757.9	1753.5
126	1768.9	1773.2	1775.7	1777.5	1779.2	1780.3	1778.4	1775.2	1771.7	1768.1	1763.0
128	1868.3	1863.5	1857.5	1852.1	1847.0	1841.7	1836.6	1832.5	1829.0	1826.1	1822.4
132	1746.4	1747.5	1748.0	1749.1	1751.7	1755.0	1758.3	1762.7	1767.9	1774.2	1780.0
201	1971.6	1963.3	1952.2	1940.6	1926.7	1910.0	1891.9	1874.3	1856.0	1837.3	1816.3
202	1989.3	1985.6	1979.7	1972.9	1963.6	1952.0	1938.5	1925.0	1910.7	1895.3	1877.6
203	1989.6	1991.4	1991.3	1990.0	1986.2	1980.3	1972.1	1963.1	1953.0	1941.4	1927.3
204	1968.1	1976.1	1982.8	1987.7	1990.0	1990.8	1989.0	1985.8	1981.4	1975.0	1966.0
205	1925.2	1938.9	1951.9	1963.0	1972.1	1980.3	1985.8	1989.2	1991.3	1991.4	1989.0
206	1879.5	1896.2	1912.3	1926.9	1940.1	1953.4	1963.8	1972.3	1979.9	1985.5	1988.7
207	1844.3	1861.3	1878.3	1893.9	1908.8	1924.4	1937.3	1948.7	1959.6	1968.7	1976.0
208	1820.2	1837.0	1854.0	1869.7	1885.2	1901.6	1915.6	1928.4	1940.9	1951.8	1961.1
209	1905.9	1910.5	1913.5	1914.9	1914.2	1909.9	1906.9	1902.0	1895.7	1887.6	1876.7
210	1931.1	1936.9	1941.4	1944.1	1944.7	1942.0	1939.8	1935.8	1930.4	1922.9	1912.6
211	1954.1	1961.4	1967.4	1971.6	1973.5	1972.8	1971.1	1967.8	1963.0	1956.1	1946.3
212	1968.3	1975.7	1981.6	1986.0	1988.1	1989.5	1987.0	1983.4	1978.5	1972.0	1963.0
213	1953.9	1960.0	1964.5	1967.6	1968.6	1969.7	1965.7	1960.8	1954.8	1947.7	1938.4
214	1931.4	1936.4	1939.4	1941.2	1941.1	1941.3	1936.1	1929.9	1922.7	1914.8	1904.6
215	1859.9	1849.6	1837.1	1825.3	1813.3	1800.2	1787.5	1776.3	1765.5	1755.8	1745.2
216	1798.2	1804.3	1808.9	1811.9	1813.4	1812.0	1811.6	1808.9	1804.9	1799.5	1791.4
217	1823.5	1830.3	1835.1	1838.5	1840.9	1843.5	1841.7	1838.6	1834.0	1829.0	1821.9
218	1758.3	1771.4	1784.8	1797.8	1811.5	1826.5	1839.9	1853.1	1866.6	1879.6	1891.4
219	1759.6	1763.8	1766.4	1768.2	1769.2	1769.3	1769.4	1768.1	1766.4	1763.8	1759.4
220	1772.5	1777.9	1780.0	1782.5	1784.0	1785.4	1785.8	1784.5	1782.4	1780.1	1776.1
221	1740.9	1743.2	1744.0	1744.4	1744.7	1744.4	1743.8	1742.6	1740.9	1739.4	1736.1
222	1751.1	1753.8	1754.6	1755.3	1756.1	1756.7	1756.1	1754.9	1753.4	1751.9	1748.9
223	1737.3	1739.1	1739.3	1737.9	1738.4	1736.9	1735.4	1733.1	1730.3	1727.4	1722.8
224	1746.3	1748.8	1749.7	1750.2	1751.3	1751.4	1749.9	1748.2	1746.2	1743.9	1740.0
225	1836.9	1829.5	1820.6	1812.4	1804.6	1796.6	1788.7	1782.2	1776.3	1771.4	1765.6
226	1896.7	1885.0	1870.9	1857.4	1843.0	1827.2	1810.7	1795.8	1781.3	1767.4	1752.3
227	1916.8	1905.2	1891.1	1877.2	1862.3	1845.7	1828.1	1812.1	1796.3	1780.9	1764.0
228	1943.9	1932.8	1919.1	1905.3	1889.7	1871.8	1852.6	1834.7	1816.5	1798.4	1778.4

Table XVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 710	R: 711	R: 712	R: 713	R: 714	R: 715	R: 716	R: 717	R: 718	R: 719	R: 720
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1780.7	1796.2	1812.0	1827.0	1842.4	1859.0	1873.6	1887.5	1901.5	1914.4	1926.1
230	1745.8	1752.8	1759.5	1766.4	1774.5	1783.8	1792.2	1801.2	1811.0	1821.3	1830.9
231	1843.7	1846.5	1847.6	1847.4	1845.7	1840.5	1837.5	1832.5	1826.5	1819.1	1809.4
232	1884.2	1887.7	1889.6	1890.0	1888.5	1883.3	1879.8	1874.3	1867.6	1859.3	1848.2
233	1910.8	1914.4	1915.9	1916.4	1915.2	1914.6	1908.7	1902.0	1894.4	1886.3	1876.4
234	1873.5	1876.2	1876.8	1876.6	1875.1	1874.2	1868.4	1861.8	1854.5	1847.1	1837.8
235	1758.0	1768.3	1772.9	1776.5	1778.7	1779.6	1780.1	1777.9	1774.5	1769.7	1762.1
236	1749.0	1757.9	1765.5	1772.3	1778.1	1782.8	1786.4	1788.5	1789.8	1790.6	1788.7
237	1743.4	1750.3	1757.0	1763.5	1770.9	1778.7	1785.3	1793.6	1801.1	1808.8	1815.4
238	1743.7	1749.8	1755.6	1761.6	1769.2	1779.2	1786.4	1794.1	1802.5	1811.5	1819.6
239	1745.3	1751.0	1757.5	1764.4	1771.6	1779.9	1787.4	1795.5	1804.6	1814.1	1823.0
240	1753.1	1755.8	1758.2	1761.1	1765.3	1770.6	1775.4	1781.0	1787.3	1794.6	1801.3
241	1742.3	1748.8	1753.4	1757.4	1761.3	1764.0	1765.5	1765.9	1765.6	1764.7	1761.5
242	1732.7	1730.1	1726.5	1723.7	1722.3	1721.0	1720.7	1720.7	1721.5	1723.3	1724.6
243	1591.1	1581.0	1569.2	1558.2	1550.0	1541.7	1535.2	1530.0	1525.5	1523.6	1521.2
244	1834.9	1828.5	1820.8	1813.8	1807.3	1800.9	1794.5	1789.3	1784.8	1781.2	1777.0
245	1832.9	1825.9	1817.3	1809.5	1802.2	1794.8	1787.5	1781.5	1776.2	1771.8	1766.6
246	1775.7	1777.9	1779.9	1781.3	1782.0	1780.3	1777.2	1775.4	1773.2	1770.3	1765.6
247	1760.7	1766.0	1769.1	1771.6	1774.0	1773.2	1772.1	1769.6	1765.8	1760.9	1753.6
248	1747.5	1751.2	1753.5	1755.1	1756.6	1756.9	1757.1	1756.4	1755.1	1753.8	1749.1
249	1765.0	1768.3	1770.0	1771.0	1772.0	1772.9	1771.7	1770.0	1767.9	1766.3	1759.4
250	1702.0	1709.4	1715.0	1719.2	1722.9	1725.2	1727.2	1727.2	1726.1	1724.5	1720.9
251	1720.8	1720.6	1719.2	1717.8	1716.3	1713.4	1711.6	1708.9	1705.8	1703.0	1698.6
252	170.3	176.6	183.3	189.2	185.2	182.5	187.6	181.9	196.2	199.2	191.0

Table XVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 699	R: 700	R: 701	R: 702	R: 703	R: 704	R: 705	R: 706	R: 707	R: 708	R: 709
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1757.7	1769.5	1781.6	1793.5	1806.1	1817.4	1829.8	1842.0	1854.9	1867.8	1879.1
3	1815.9	1821.6	1826.0	1828.3	1830.2	1830.3	1829.1	1826.2	1822.5	1817.4	1811.3
4	1796.6	1801.4	1805.7	1808.2	1809.7	1810.1	1809.4	1807.0	1803.0	1797.2	1790.5
5	1824.7	1827.5	1829.3	1829.4	1829.5	1828.2	1825.7	1821.9	1817.6	1812.2	1806.1
6	1801.8	1804.2	1806.3	1807.4	1808.7	1807.9	1804.8	1801.6	1797.3	1791.5	1785.1
7	1830.0	1830.9	1831.4	1830.1	1829.2	1827.4	1822.9	1816.7	1811.9	1805.6	1799.0
8	1807.8	1808.8	1809.7	1809.5	1808.6	1807.1	1804.8	1801.2	1796.5	1790.6	1784.2
9	1859.5	1847.9	1836.8	1825.2	1815.1	1805.4	1795.0	1784.9	1775.0	1765.0	1755.9
10	1752.9	1761.9	1771.3	1780.9	1791.5	1801.2	1811.9	1822.5	1834.2	1845.9	1856.5
11	1814.6	1816.5	1817.7	1817.4	1817.6	1816.5	1813.6	1808.4	1802.8	1796.7	1790.9
12	1798.2	1798.7	1799.4	1799.7	1798.9	1797.0	1793.8	1789.2	1783.0	1775.8	1768.8
13	1811.3	1813.3	1814.7	1814.7	1815.1	1814.2	1812.0	1808.2	1804.1	1799.4	1794.3
14	1792.7	1794.0	1796.3	1797.8	1797.8	1796.2	1793.2	1790.1	1785.8	1780.4	1774.6
15	1811.7	1813.4	1814.4	1813.9	1813.5	1812.1	1809.5	1805.7	1801.6	1796.7	1791.1
16	1789.7	1791.3	1792.9	1793.3	1793.4	1792.8	1791.3	1788.5	1784.9	1780.3	1774.9
17	1856.0	1845.1	1835.1	1824.9	1816.1	1807.9	1799.3	1791.1	1783.1	1775.0	1767.8
19	1790.0	1794.1	1794.0	1794.9	1795.9	1797.7	1794.9	1793.0	1791.3	1788.2	1783.2
20	1771.5	1776.5	1780.3	1781.5	1782.5	1783.1	1782.9	1781.7	1779.6	1775.9	1770.0
21	1783.2	1785.5	1787.8	1788.2	1789.2	1789.2	1788.5	1787.9	1785.7	1783.3	1779.9
22	1771.1	1772.6	1774.4	1774.8	1775.6	1776.3	1776.0	1774.9	1772.3	1769.8	1767.2
23	1768.8	1770.9	1772.7	1773.4	1774.6	1774.7	1774.0	1773.6	1772.3	1770.3	1767.6
24	1756.1	1757.9	1759.0	1759.1	1759.8	1760.3	1760.2	1758.9	1757.3	1755.2	1752.6
25	1763.0	1764.4	1765.7	1765.8	1766.4	1766.4	1765.6	1764.9	1763.6	1761.8	1759.3
26	1750.7	1752.0	1753.2	1753.4	1754.0	1754.7	1754.3	1753.5	1751.9	1750.2	1747.8
43	1801.1	1808.2	1813.9	1817.4	1820.4	1821.4	1822.0	1820.8	1818.4	1814.6	1810.1
44	1783.1	1789.1	1793.8	1796.8	1798.8	1800.3	1800.6	1799.0	1795.9	1791.1	1786.1
67	1759.2	1761.3	1763.1	1763.9	1765.0	1765.1	1764.7	1763.6	1762.5	1760.4	1757.2
68	1750.2	1751.5	1753.0	1753.5	1753.2	1754.7	1754.0	1752.6	1750.9	1748.3	1745.1
85	1828.8	1832.4	1834.6	1835.0	1835.3	1833.9	1831.2	1827.0	1822.1	1816.0	1809.2
86	1794.6	1803.8	1812.3	1819.1	1824.9	1828.9	1832.5	1834.2	1834.6	1833.2	1830.6
87	1777.5	1790.9	1803.4	1814.5	1825.5	1834.1	1843.0	1850.7	1858.1	1864.4	1869.0
88	1757.8	1765.8	1774.2	1782.6	1791.0	1798.4	1806.1	1813.6	1821.4	1828.9	1835.4
89	1748.4	1753.6	1759.4	1765.4	1772.3	1778.9	1785.9	1793.3	1801.5	1809.5	1817.3
90	1750.8	1754.8	1759.3	1764.3	1770.4	1776.4	1782.8	1789.4	1797.1	1805.0	1812.5
91	1751.4	1755.4	1760.1	1764.4	1770.4	1776.5	1783.2	1790.2	1798.6	1807.3	1815.4
921	1863.8	1850.8	1838.5	1825.4	1813.4	1802.0	1790.0	1778.4	1766.7	1754.9	1744.1

Table XVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\beta = -2.0°$, $M_\infty = .40$, $q_\infty = 200.0$
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 699	R: 700	R: 701	R: 702	R: 703	R: 704	R: 705	R: 706	R: 707	R: 708	R: 709
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1763.6	1777.0	1790.4	1803.8	1817.5	1829.6	1843.0	1855.9	1869.3	1882.7	1894.2
93	1751.2	1760.0	1769.3	1778.7	1789.0	1798.6	1809.0	1819.5	1831.0	1842.6	1853.0
94	1763.4	1775.9	1788.7	1801.4	1814.5	1826.2	1839.0	1851.5	1864.6	1877.5	1888.8
95	1754.8	1762.1	1770.0	1778.0	1786.1	1793.4	1801.1	1808.6	1816.6	1824.5	1831.5
125	1772.5	1775.7	1778.1	1779.1	1780.3	1780.4	1779.0	1776.4	1773.4	1769.4	1764.9
126	1754.9	1758.2	1761.3	1763.5	1765.3	1766.6	1766.7	1764.9	1762.4	1758.8	1754.7
128	1871.6	1865.0	1859.2	1853.2	1848.7	1844.2	1839.8	1835.5	1831.5	1827.6	1824.3
132	1750.2	1749.8	1750.2	1751.0	1753.3	1756.2	1759.3	1763.1	1768.2	1773.8	1779.5
201	1973.3	1963.2	1952.7	1939.8	1926.8	1912.6	1897.0	1880.2	1861.5	1841.3	1821.7
202	1991.5	1986.6	1981.3	1973.3	1964.9	1954.5	1943.2	1930.3	1915.5	1898.8	1882.6
203	1992.5	1993.6	1993.8	1991.6	1988.3	1982.2	1975.9	1967.3	1956.6	1944.2	1931.4
204	1972.2	1980.0	1986.8	1990.8	1993.5	1992.5	1992.1	1989.1	1984.2	1977.3	1969.5
205	1929.7	1943.7	1956.7	1967.2	1976.4	1981.7	1987.8	1991.2	1992.8	1992.8	1991.1
206	1884.8	1901.8	1917.9	1932.0	1945.1	1954.4	1965.1	1973.2	1980.3	1986.0	1989.6
207	1849.5	1867.0	1883.8	1899.2	1913.8	1925.2	1938.1	1949.0	1959.4	1968.8	1975.9
208	1825.5	1842.6	1859.3	1874.9	1890.1	1902.3	1916.1	1928.3	1940.2	1951.4	1960.4
209	1934.6	1938.7	1941.5	1941.8	1941.7	1938.8	1935.1	1929.5	1922.6	1914.3	1905.4
210	1955.0	1960.6	1964.8	1966.6	1967.7	1965.7	1963.3	1958.7	1952.5	1944.9	1936.5
211	1968.9	1976.1	1982.0	1985.4	1987.7	1986.6	1985.5	1981.9	1976.5	1969.3	1961.1
212	1961.4	1968.5	1974.7	1978.5	1980.9	1980.0	1979.6	1976.5	1971.4	1964.2	1956.0
213	1937.9	1943.3	1948.2	1950.7	1951.8	1950.2	1948.8	1945.0	1939.0	1931.0	1922.0
214	1908.8	1912.8	1916.4	1917.7	1917.6	1915.2	1912.7	1908.0	1901.0	1892.1	1882.4
215	1863.6	1850.9	1838.7	1825.9	1814.6	1803.9	1792.4	1781.2	1770.2	1758.8	1748.4
216	1824.6	1830.6	1835.1	1837.6	1839.7	1839.7	1838.7	1835.7	1832.0	1826.8	1820.7
217	1805.2	1810.0	1814.3	1816.7	1818.2	1818.3	1817.5	1814.9	1810.6	1804.5	1797.4
218	1763.2	1777.2	1790.6	1803.7	1817.2	1829.1	1842.3	1854.9	1868.2	1881.3	1892.7
219	1776.1	1779.4	1782.2	1783.7	1785.2	1785.4	1785.7	1784.4	1782.8	1780.3	1776.8
220	1763.9	1766.6	1769.2	1770.1	1771.2	1771.9	1771.9	1770.5	1768.4	1765.4	1761.7
221	1753.7	1755.0	1755.8	1755.9	1756.5	1756.1	1756.0	1754.7	1753.5	1751.5	1748.7
222	1745.6	1746.3	1746.8	1746.5	1746.5	1747.4	1746.4	1745.0	1743.4	1741.1	1738.3
223	1748.5	1749.5	1750.1	1750.0	1750.0	1749.5	1748.1	1746.4	1744.5	1741.6	1737.7
224	1742.6	1742.6	1742.7	1741.8	1741.7	1741.3	1739.7	1737.4	1734.9	1731.4	1727.5
225	1838.7	1829.4	1820.7	1811.9	1804.7	1798.2	1791.3	1784.7	1778.6	1772.6	1767.4
226	1897.1	1883.2	1869.7	1855.0	1841.5	1828.3	1814.0	1799.7	1784.9	1769.5	1755.2
227	1917.5	1903.7	1890.2	1875.2	1861.3	1847.3	1832.1	1816.7	1800.6	1783.6	1767.8
228	1944.8	1931.7	1918.5	1903.4	1888.6	1873.7	1857.0	1839.8	1821.3	1801.4	1782.7

Table XVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 699	R: 700	R: 701	R: 702	R: 703	R: 704	R: 705	R: 706	R: 707	R: 708	R: 709
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1786.4	1801.9	1817.3	1832.2	1847.2	1859.9	1874.0	1887.2	1900.7	1913.8	1924.9
230	1748.7	1754.5	1761.4	1769.0	1777.0	1784.5	1792.6	1801.0	1810.6	1820.5	1829.6
231	1875.8	1877.4	1877.9	1876.4	1874.8	1871.6	1867.1	1861.1	1854.5	1846.7	1838.5
232	1914.4	1917.2	1918.7	1917.9	1916.8	1913.4	1908.9	1902.6	1895.3	1886.7	1877.6
233	1886.7	1888.9	1891.0	1891.1	1889.9	1886.9	1883.7	1878.6	1871.5	1862.6	1852.9
234	1848.0	1849.3	1850.6	1850.2	1848.7	1846.1	1842.9	1838.0	1831.5	1823.3	1814.5
235	1766.6	1778.8	1786.0	1790.5	1794.7	1796.4	1797.6	1797.2	1796.4	1793.0	1788.0
236	1752.5	1762.6	1772.3	1780.9	1789.1	1795.0	1800.2	1804.2	1808.0	1810.3	1810.9
237	1744.5	1751.7	1759.3	1767.0	1775.1	1782.8	1790.6	1798.4	1807.0	1816.4	1823.6
238	1745.3	1751.4	1758.1	1764.8	1772.5	1779.6	1787.0	1795.2	1806.0	1815.2	1823.4
239	1749.5	1754.4	1760.3	1766.9	1774.2	1781.0	1788.4	1796.0	1805.0	1814.2	1822.8
240	1756.3	1758.0	1760.6	1763.5	1767.6	1771.9	1776.6	1781.6	1789.2	1796.0	1802.7
241	1738.4	1747.0	1754.8	1761.1	1767.4	1772.2	1775.6	1778.8	1781.5	1782.6	1782.1
242	1735.5	1730.9	1727.3	1724.2	1722.7	1722.5	1721.7	1721.6	1722.5	1723.8	1725.1
243	1594.4	1580.9	1568.4	1557.4	1549.2	1544.5	1536.8	1531.7	1528.0	1525.0	1522.8
244	1836.9	1828.5	1821.1	1813.6	1807.8	1802.5	1796.9	1791.7	1787.0	1782.4	1778.5
245	1834.6	1825.5	1817.3	1809.1	1802.4	1796.3	1789.9	1783.9	1778.4	1773.1	1768.4
246	1796.4	1798.2	1799.8	1800.2	1800.7	1799.6	1795.4	1793.3	1790.9	1788.1	1783.5
247	1775.1	1780.4	1784.5	1786.0	1790.8	1790.9	1790.0	1787.9	1785.1	1780.8	1775.2
248	1766.3	1768.4	1770.1	1770.6	1771.6	1771.4	1770.6	1769.2	1767.6	1765.5	1760.8
249	1754.0	1756.2	1758.1	1759.0	1760.1	1761.1	1760.8	1759.9	1758.4	1756.5	1753.0
250	1724.9	1729.8	1733.7	1736.0	1738.2	1739.3	1738.9	1737.6	1735.6	1732.3	1728.2
251	1730.2	1728.8	1727.4	1725.5	1724.3	1722.4	1720.5	1718.4	1716.1	1713.0	1709.1
252	175.6	182.1	188.4	184.1	189.7	182.9	187.7	181.3	195.0	198.3	199.6

Table XVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α 0.0° R: 725 Pi	2.0° R: 726 Pi	4.0° R: 727 Pi	6.0° R: 728 Pi	8.0° R: 729 Pi	10.0° R: 730 Pi	12.0° R: 731 Pi	14.0° R: 732 Pi	16.0° R: 733 Pi
2	1761.0	1773.3	1785.6	1798.5	1812.5	1825.6	1839.0	1851.9	1864.4
3	1775.6	1778.5	1780.0	1780.6	1780.0	1778.0	1772.3	1767.2	1761.2
4	1839.8	1845.3	1850.4	1854.0	1857.1	1856.9	1855.9	1852.3	1847.6
5	1778.2	1779.9	1780.4	1780.1	1780.7	1777.9	1772.4	1768.0	1762.9
6	1847.7	1849.6	1851.8	1852.3	1852.8	1850.2	1847.0	1841.8	1836.0
7	1779.1	1780.2	1780.1	1779.2	1777.9	1775.9	1770.7	1766.5	1761.6
8	1853.9	1853.8	1854.1	1852.9	1851.7	1847.6	1842.9	1836.5	1829.9
9	1841.4	1829.9	1818.8	1807.4	1796.6	1785.9	1774.0	1764.2	1755.3
10	1754.1	1763.9	1774.0	1784.6	1796.7	1808.0	1819.6	1831.3	1842.7
11	1774.7	1775.5	1775.7	1776.2	1773.6	1768.2	1760.0	1754.9	1749.8
12	1836.0	1837.0	1838.5	1838.8	1839.2	1836.4	1832.5	1826.9	1820.0
13	1770.4	1771.9	1772.8	1773.0	1773.8	1769.7	1763.8	1760.1	1756.1
14	1832.2	1833.5	1835.1	1835.7	1836.4	1834.1	1831.1	1826.4	1821.0
15	1768.9	1770.7	1771.6	1771.7	1771.4	1769.6	1765.6	1762.3	1758.6
16	1831.6	1832.2	1833.2	1833.0	1833.0	1830.0	1826.4	1821.4	1815.7
17	1840.6	1830.4	1820.9	1811.3	1802.5	1793.6	1783.5	1775.4	1768.0
19	1761.0	1762.0	1762.4	1761.9	1762.8	1761.9	1758.7	1756.3	1753.0
20	1807.0	1809.8	1812.5	1813.9	1815.8	1816.2	1815.1	1812.8	1809.9
21	1756.3	1758.2	1759.0	1759.2	1760.1	1760.2	1757.7	1755.4	1753.2
22	1799.0	1801.1	1803.4	1804.4	1806.1	1805.0	1804.8	1801.8	1799.6
23	1744.8	1746.3	1747.5	1748.0	1749.1	1749.1	1746.9	1745.5	1743.9
24	1781.7	1783.1	1784.7	1785.6	1787.2	1786.2	1785.8	1783.9	1781.7
25	1740.6	1742.2	1743.0	1743.3	1744.2	1744.0	1742.1	1740.8	1739.4
26	1773.8	1775.1	1776.5	1777.2	1778.7	1777.9	1777.3	1775.6	1773.6
43	1771.5	1774.6	1776.7	1778.4	1777.0	1775.8	1770.7	1766.2	1761.2
44	1816.9	1824.5	1831.4	1836.6	1841.4	1843.4	1844.8	1843.2	1840.1
67	1741.1	1742.1	1742.4	1741.6	1742.5	1741.6	1738.7	1736.3	1733.6
68	1769.8	1772.1	1774.5	1776.3	1778.4	1778.7	1778.3	1777.1	1775.3
85	1779.2	1781.3	1781.9	1781.5	1779.9	1778.3	1772.9	1767.8	1762.0
86	1831.6	1842.8	1853.3	1862.8	1871.6	1877.3	1882.6	1884.9	1885.7
87	1767.3	1776.8	1784.6	1791.7	1799.2	1805.7	1809.8	1813.8	1817.0
88	1765.9	1776.1	1786.3	1796.6	1808.0	1817.8	1828.0	1837.3	1846.0
89	1750.9	1755.3	1758.8	1764.2	1771.0	1777.2	1783.4	1790.2	1797.5
90	1745.2	1751.9	1759.0	1766.8	1776.0	1784.4	1793.5	1802.9	1811.4
91	1749.7	1754.3	1759.5	1765.7	1773.2	1780.2	1787.8	1796.0	1804.7
921	1844.6	1832.1	1820.0	1807.1	1794.8	1782.1	1768.6	1758.2	1749.2

Table XVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 725	R: 726	R: 727	R: 728	R: 729	R: 730	R: 731	R: 732	R: 733
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1768.8	1782.4	1795.9	1810.0	1824.9	1838.9	1853.1	1866.6	1879.4
93	1752.7	1762.1	1771.9	1782.4	1794.2	1805.2	1816.7	1828.2	1839.6
94	1768.5	1782.0	1795.4	1809.3	1824.2	1838.1	1852.4	1865.9	1878.8
95	1760.9	1770.2	1779.7	1789.4	1800.2	1809.6	1819.4	1828.8	1837.7
125	1739.1	1743.0	1746.1	1748.6	1751.5	1752.5	1751.0	1749.2	1747.1
126	1791.2	1792.6	1794.5	1795.0	1795.7	1793.0	1789.4	1784.6	1779.7
128	1855.8	1850.0	1844.6	1839.4	1834.9	1830.8	1825.8	1822.3	1819.3
132	1745.1	1745.5	1747.0	1749.2	1753.4	1757.0	1761.0	1766.0	1771.8
201	1954.0	1943.3	1931.1	1917.3	1901.4	1885.3	1865.6	1847.3	1828.9
202	1976.3	1970.5	1963.1	1954.0	1942.6	1931.0	1915.8	1901.3	1886.2
203	1982.8	1982.7	1980.8	1977.3	1971.2	1964.7	1954.5	1944.2	1932.7
204	1968.3	1974.7	1979.1	1981.8	1982.1	1981.6	1977.9	1973.0	1966.6
205	1932.1	1944.5	1955.2	1964.6	1972.0	1978.2	1981.6	1983.4	1983.3
206	1890.4	1906.1	1920.4	1933.9	1946.1	1957.0	1966.0	1973.0	1978.3
207	1856.4	1872.9	1888.3	1903.5	1917.9	1931.2	1943.3	1953.6	1962.3
208	1832.6	1849.1	1864.8	1880.4	1895.7	1910.0	1923.6	1935.4	1945.8
209	1879.8	1882.1	1882.3	1881.3	1878.4	1875.9	1868.6	1861.9	1854.0
210	1909.7	1913.5	1915.2	1915.6	1913.8	1912.3	1906.2	1900.3	1893.0
211	1942.6	1948.2	1951.6	1953.5	1953.0	1952.3	1947.5	1942.2	1935.4
212	1978.6	1984.4	1988.7	1991.3	1991.6	1990.7	1987.1	1982.0	1975.4
213	1972.0	1976.6	1980.1	1981.9	1981.7	1979.4	1975.1	1969.1	1961.8
214	1955.7	1959.1	1961.5	1962.2	1961.2	1957.5	1952.2	1944.9	1936.6
215	1840.2	1828.2	1816.7	1804.7	1793.2	1782.0	1769.3	1759.0	1749.7
216	1781.0	1784.2	1786.0	1786.4	1785.9	1784.7	1779.2	1774.2	1768.3
217	1851.4	1856.7	1861.6	1864.9	1867.7	1867.0	1865.6	1861.6	1856.5
218	1767.1	1779.9	1792.8	1806.0	1820.2	1833.7	1847.0	1859.8	1872.1
219	1752.1	1754.0	1754.9	1755.3	1756.0	1755.5	1752.8	1750.1	1747.0
220	1791.4	1794.3	1797.2	1799.4	1802.2	1802.5	1802.2	1800.2	1797.8
221	1735.3	1735.7	1735.8	1735.3	1735.9	1734.9	1732.3	1730.3	1728.1
222	1764.4	1765.5	1767.1	1767.9	1769.5	1769.3	1768.5	1767.1	1765.4
223	1732.2	1731.4	1729.9	1728.8	1728.0	1725.5	1721.2	1717.7	1713.8
224	1757.9	1759.4	1761.2	1761.8	1764.2	1763.4	1762.7	1761.1	1759.1
225	1823.2	1814.5	1806.4	1798.3	1791.3	1784.3	1776.5	1770.6	1765.4
226	1878.6	1865.0	1851.3	1836.7	1821.8	1806.9	1790.0	1775.7	1762.0
227	1897.4	1883.6	1869.3	1854.2	1838.6	1823.2	1805.3	1789.8	1774.7
228	1924.7	1911.5	1897.3	1881.6	1864.6	1847.6	1827.4	1809.4	1791.6

Table XVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 725 Pi	2.0° R: 726 Pi	4.0° R: 727 Pi	6.0° R: 728 Pi	8.0° R: 729 Pi	10.0° R: 730 Pi	12.0° R: 731 Pi	14.0° R: 732 Pi	16.0° R: 733 Pi
229	1792.6	1808.0	1823.2	1838.5	1854.4	1869.2	1883.9	1897.3	1909.8
230	1749.8	1756.4	1763.6	1771.4	1780.8	1789.5	1798.6	1808.2	1818.1
231	1815.2	1815.9	1815.0	1813.1	1810.3	1807.4	1800.3	1794.1	1787.1
232	1856.8	1858.1	1857.5	1855.6	1852.2	1849.0	1841.2	1834.2	1826.1
233	1937.2	1939.0	1940.3	1939.8	1938.1	1933.5	1927.7	1919.9	1911.5
234	1901.5	1902.2	1902.7	1901.6	1899.7	1894.9	1889.0	1881.3	1873.1
235	1759.2	1761.9	1763.6	1763.8	1763.4	1761.4	1755.5	1749.7	1742.6
236	1754.9	1759.6	1763.5	1766.2	1768.9	1770.0	1768.7	1767.4	1764.9
237	1749.8	1754.5	1759.4	1766.4	1773.3	1779.2	1784.5	1790.4	1796.5
238	1747.6	1753.5	1760.8	1766.8	1774.4	1781.3	1788.2	1795.7	1803.5
239	1750.1	1755.6	1761.8	1768.6	1777.0	1784.8	1792.9	1801.4	1810.4
240	1753.3	1755.5	1758.7	1762.5	1768.0	1772.9	1778.1	1784.1	1790.8
241	1750.0	1751.8	1753.0	1753.2	1753.6	1752.4	1748.6	1745.2	1741.2
242	1725.8	1722.1	1719.7	1717.6	1717.9	1717.5	1717.1	1717.8	1719.2
243	1577.6	1565.6	1555.6	1545.7	1540.0	1532.8	1525.7	1521.7	1519.3
244	1822.7	1815.0	1808.1	1801.2	1795.5	1789.8	1783.6	1779.1	1775.3
245	1820.3	1811.8	1804.2	1796.5	1789.9	1783.5	1776.2	1770.8	1766.3
246	1760.6	1762.9	1764.1	1764.5	1762.3	1762.0	1758.6	1756.0	1753.0
247	1755.3	1756.9	1758.8	1758.7	1758.1	1756.3	1751.1	1746.0	1740.0
248	1737.8	1740.4	1742.5	1743.9	1746.1	1746.5	1745.2	1744.3	1743.0
249	1783.8	1784.8	1786.1	1786.5	1787.5	1786.0	1784.1	1781.4	1778.9
250	1693.3	1699.9	1705.5	1710.3	1715.4	1717.9	1718.5	1718.7	1718.1
251	1716.5	1715.0	1713.2	1710.3	1709.2	1706.4	1702.2	1698.7	1695.2
252	173.2	189.4	185.3	181.3	187.8	183.1	188.1	191.9	194.5

Table XIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 741	R: 742	R: 743	R: 744	R: 745	R: 746	R: 747	R: 748	R: 749	R: 750	R: 751	R: 752	R: 753
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1803.0	1804.9	1805.5	1805.6	1805.8	1805.9	1806.0	1805.8	1805.0	1805.2	1804.1	1803.4	1800.7
3	1852.1	1841.2	1835.1	1828.9	1824.5	1820.9	1818.7	1815.7	1812.7	1807.8	1802.3	1797.0	1786.0
4	1787.1	1798.3	1804.5	1810.3	1815.4	1818.8	1821.6	1823.4	1826.0	1831.1	1836.4	1842.5	1854.0
5	1851.9	1840.8	1834.4	1828.2	1823.8	1820.2	1818.0	1815.1	1812.1	1807.2	1801.8	1796.7	1785.7
6	1786.8	1797.6	1803.5	1809.2	1814.2	1816.9	1819.2	1820.6	1823.3	1828.5	1834.0	1840.3	1852.4
7	1849.3	1838.4	1832.1	1825.9	1821.7	1818.2	1816.1	1813.3	1810.3	1805.6	1800.4	1795.5	1784.9
8	1786.9	1797.6	1803.5	1809.1	1814.1	1817.4	1820.1	1821.6	1824.4	1829.5	1834.8	1841.0	1852.9
9	1810.8	1813.7	1814.6	1815.0	1815.0	1814.8	1815.6	1814.8	1815.0	1814.5	1813.9	1813.5	1810.8
10	1788.9	1790.5	1791.1	1791.1	1791.3	1791.4	1791.5	1791.2	1790.6	1790.8	1789.8	1789.3	1787.1
11	1837.5	1827.6	1821.9	1816.6	1812.7	1809.5	1807.6	1805.0	1802.4	1798.4	1793.7	1789.3	1781.0
12	1779.7	1789.2	1794.5	1799.4	1804.0	1806.9	1809.3	1810.7	1813.1	1817.6	1822.5	1828.3	1839.3
13	1834.9	1825.2	1819.5	1814.0	1810.1	1807.0	1805.1	1802.5	1799.9	1795.9	1791.3	1787.0	1777.9
14	1779.4	1788.5	1793.5	1798.5	1802.8	1805.1	1806.9	1807.9	1810.1	1814.6	1819.4	1825.2	1836.1
15	1833.4	1823.5	1818.0	1812.6	1808.9	1805.7	1803.9	1801.3	1798.8	1794.7	1790.0	1785.9	1776.9
16	1774.9	1784.0	1789.0	1793.9	1798.3	1801.2	1803.6	1804.9	1807.3	1811.8	1816.6	1822.4	1833.4
17	1811.0	1814.4	1816.1	1816.1	1816.9	1816.8	1817.1	1816.2	1816.5	1816.4	1814.5	1814.1	1814.6
19	1812.9	1804.3	1799.6	1795.1	1792.0	1789.3	1787.9	1785.7	1783.6	1780.5	1776.9	1773.7	1766.4
20	1768.5	1775.5	1779.3	1783.1	1786.6	1788.8	1790.6	1791.4	1793.1	1796.8	1800.7	1805.7	1814.8
21	1804.4	1796.7	1792.5	1788.5	1785.7	1783.3	1782.1	1780.0	1778.1	1775.5	1772.2	1769.5	1763.5
22	1763.7	1769.6	1772.8	1776.0	1779.1	1781.1	1783.1	1784.0	1785.7	1789.1	1792.7	1797.1	1805.5
23	1788.6	1781.5	1777.6	1773.9	1771.5	1769.3	1768.2	1766.2	1764.6	1762.2	1759.4	1757.2	1752.3
24	1749.8	1754.8	1757.5	1760.3	1763.0	1764.7	1766.4	1767.0	1768.4	1771.4	1774.6	1778.8	1786.8
25	1779.4	1772.9	1769.3	1766.0	1763.8	1761.8	1760.9	1759.1	1757.6	1755.6	1753.1	1751.4	1747.3
26	1745.7	1749.9	1752.2	1754.6	1757.0	1758.4	1759.9	1760.4	1761.6	1764.5	1767.2	1771.2	1778.5
43	1839.2	1829.8	1824.5	1819.1	1815.3	1812.1	1810.2	1807.6	1804.9	1800.7	1795.9	1791.8	1783.5
44	1779.4	1789.1	1794.3	1799.2	1803.6	1806.6	1809.1	1810.6	1812.8	1817.4	1821.9	1827.3	1837.2
67	1777.5	1771.3	1767.9	1764.5	1762.3	1760.0	1759.0	1757.0	1755.6	1753.5	1751.1	1749.4	1745.6
68	1745.5	1749.5	1751.6	1753.7	1755.9	1757.3	1759.0	1759.4	1761.0	1764.0	1766.8	1770.6	1777.7
85	1859.1	1847.2	1840.4	1833.7	1829.0	1825.1	1822.8	1819.5	1816.3	1811.0	1805.2	1799.4	1787.3
86	1802.2	1813.5	1819.6	1825.2	1829.8	1833.2	1835.8	1837.6	1839.8	1844.4	1848.8	1853.8	1863.0
87	1835.0	1830.6	1827.7	1824.4	1821.9	1820.0	1818.7	1817.1	1814.9	1812.1	1808.1	1804.4	1795.8
88	1782.4	1786.9	1789.1	1790.7	1792.2	1793.3	1794.1	1794.4	1794.6	1796.1	1796.6	1797.7	1798.6
89	1770.5	1771.8	1772.2	1772.1	1772.2	1772.1	1772.1	1771.7	1771.1	1771.2	1770.4	1769.4	1767.1
90	1767.2	1769.1	1769.9	1770.3	1770.7	1770.8	1771.1	1770.8	1770.8	1771.4	1770.8	1770.7	1769.5
91	1769.3	1770.9	1770.0	1770.1	1770.3	1770.3	1770.4	1770.0	1769.5	1769.7	1769.0	1768.9	1768.6
921	1807.9	1811.2	1811.9	1813.8	1814.6	1813.3	1813.2	1811.9	1812.5	1812.0	1812.2	1812.6	1809.8

Table XIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 741	R: 742	R: 743	R: 744	R: 745	R: 746	R: 747	R: 748	R: 749	R: 750	R: 751	R: 752	R: 753
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1813.7	1815.8	1816.5	1816.7	1817.0	1817.2	1817.3	1817.2	1816.4	1816.7	1815.6	1814.8	1812.0
93	1786.3	1788.0	1788.5	1788.6	1788.8	1788.9	1789.0	1788.7	1788.1	1788.4	1787.3	1786.9	1784.7
94	1809.9	1812.4	1813.4	1813.3	1813.5	1814.7	1814.9	1815.0	1814.1	1814.8	1813.1	1813.5	1811.3
95	1779.0	1782.9	1784.7	1786.0	1787.2	1788.0	1788.7	1788.8	1788.8	1790.1	1790.3	1791.2	1791.5
125	1796.1	1788.1	1783.7	1779.5	1776.7	1774.3	1773.0	1770.8	1768.7	1765.9	1762.4	1759.4	1753.0
126	1752.8	1759.0	1762.5	1765.8	1769.0	1771.2	1773.1	1773.8	1775.4	1779.1	1782.7	1787.3	1796.2
128	1845.1	1847.2	1848.0	1848.1	1847.9	1847.5	1848.3	1847.8	1847.8	1847.5	1846.2	1844.9	1842.4
132	1752.2	1753.1	1753.4	1753.4	1753.6	1753.4	1753.5	1753.0	1752.7	1753.0	1752.6	1752.9	1752.2
201	1920.4	1924.2	1925.5	1925.9	1926.3	1926.0	1926.7	1925.8	1926.2	1925.1	1924.4	1923.6	1920.5
202	1957.7	1961.8	1963.2	1963.6	1964.1	1964.0	1964.5	1963.8	1963.9	1962.8	1962.0	1960.7	1956.9
203	1980.7	1984.7	1986.2	1986.7	1987.3	1987.4	1987.8	1987.3	1987.2	1986.3	1985.3	1983.8	1979.8
204	1986.3	1990.0	1991.3	1991.6	1992.1	1992.4	1992.7	1992.4	1991.9	1991.2	1990.1	1988.4	1984.0
205	1969.0	1972.7	1974.1	1974.5	1975.1	1975.5	1975.7	1975.6	1974.9	1974.3	1973.0	1971.2	1966.5
206	1938.6	1941.8	1943.1	1943.4	1943.8	1944.3	1944.4	1944.4	1943.5	1943.2	1941.8	1940.0	1935.6
207	1908.0	1910.9	1912.0	1912.2	1912.7	1913.1	1913.2	1913.2	1912.3	1912.2	1910.8	1909.3	1905.1
208	1885.0	1887.6	1888.6	1888.7	1889.1	1889.5	1889.6	1889.6	1888.7	1888.7	1887.3	1885.9	1882.1
209	1960.9	1951.4	1945.6	1939.2	1934.6	1930.9	1928.6	1925.5	1922.0	1916.0	1909.5	1902.4	1887.2
210	1981.0	1974.5	1970.3	1965.3	1961.7	1958.9	1957.1	1954.5	1951.6	1946.4	1940.7	1934.4	1920.6
211	1991.2	1989.6	1988.1	1985.6	1983.9	1982.5	1981.7	1980.2	1978.3	1975.2	1971.6	1967.2	1957.4
212	1963.6	1972.3	1976.5	1979.6	1982.5	1984.2	1985.6	1986.4	1987.3	1988.8	1990.2	1991.1	1992.2
213	1925.9	1938.8	1945.4	1951.0	1955.6	1958.7	1961.2	1962.8	1965.1	1968.7	1972.4	1975.9	1982.0
214	1886.7	1901.9	1910.1	1917.3	1923.3	1927.2	1930.4	1932.6	1935.7	1940.8	1946.1	1951.6	1961.7
215	1811.5	1814.0	1814.5	1814.4	1814.4	1813.9	1814.3	1813.1	1813.3	1812.6	1811.8	1811.2	1808.4
216	1862.4	1851.0	1844.6	1838.1	1833.4	1829.6	1827.3	1824.2	1820.9	1815.8	1809.9	1804.2	1792.1
217	1793.9	1805.9	1812.5	1818.8	1824.1	1827.8	1830.8	1832.6	1835.5	1840.9	1846.5	1852.8	1864.8
218	1815.2	1816.4	1816.7	1816.5	1816.3	1816.3	1816.2	1815.9	1814.8	1814.7	1813.1	1811.9	1808.3
219	1800.5	1792.8	1788.6	1784.5	1781.7	1779.3	1778.0	1776.0	1774.1	1771.5	1768.2	1765.5	1759.8
220	1759.2	1765.1	1768.5	1771.7	1774.8	1776.8	1778.7	1779.5	1781.0	1784.3	1787.6	1791.9	1800.5
221	1768.7	1762.6	1759.3	1756.2	1754.1	1752.2	1751.4	1749.7	1748.4	1746.6	1744.4	1743.0	1739.4
222	1739.1	1742.9	1745.0	1747.1	1749.3	1750.6	1752.0	1752.4	1753.6	1756.2	1758.7	1762.4	1769.3
223	1761.1	1755.7	1752.8	1749.7	1747.8	1745.8	1745.0	1743.3	1742.0	1740.2	1738.0	1736.6	1733.1
224	1734.2	1738.0	1740.1	1742.2	1744.5	1745.7	1747.2	1747.5	1748.7	1751.3	1753.8	1757.5	1763.3
225	1800.5	1803.4	1804.2	1804.6	1804.7	1804.3	1805.2	1804.7	1805.0	1804.8	1804.3	1804.1	1801.6
226	1835.5	1839.5	1840.8	1841.4	1842.0	1841.6	1842.5	1841.8	1842.4	1841.9	1841.6	1841.6	1840.1
227	1855.5	1859.2	1860.4	1860.9	1861.4	1860.9	1861.8	1861.0	1861.5	1860.8	1860.5	1860.3	1857.7
228	1882.5	1886.5	1887.8	1888.3	1888.9	1888.4	1889.2	1888.4	1888.9	1888.1	1887.7	1887.3	1885.0

Table XIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 741	R: 742	R: 743	R: 744	R: 745	R: 746	R: 747	R: 748	R: 749	R: 750	R: 751	R: 752	R: 753
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1843.3	1845.5	1846.3	1846.4	1846.6	1846.9	1847.0	1846.9	1846.0	1846.1	1844.8	1843.8	1840.4
230	1774.6	1776.2	1776.8	1776.9	1777.1	1777.1	1777.3	1776.9	1776.4	1776.7	1775.9	1775.7	1774.1
231	1899.8	1887.5	1880.2	1872.9	1867.7	1863.5	1860.9	1857.4	1853.7	1847.6	1840.9	1834.0	1819.4
232	1939.0	1928.1	1921.6	1914.7	1909.8	1905.8	1903.4	1900.1	1896.5	1890.3	1883.7	1876.6	1861.7
233	1859.9	1874.9	1882.9	1890.3	1896.5	1900.5	1903.8	1906.1	1909.4	1915.0	1921.0	1927.2	1939.1
234	1819.8	1834.1	1842.0	1849.2	1855.4	1859.5	1862.8	1865.0	1868.4	1874.4	1880.8	1887.6	1900.8
235	1806.9	1801.1	1797.7	1793.8	1791.0	1788.7	1787.5	1785.6	1783.8	1781.1	1777.9	1775.2	1768.5
236	1793.9	1792.0	1790.4	1788.5	1787.2	1785.9	1785.2	1784.1	1782.6	1780.8	1777.9	1775.7	1770.3
237	1774.1	1775.2	1775.2	1775.0	1775.1	1774.9	1774.9	1774.3	1773.6	1773.3	1772.0	1771.1	1768.6
238	1770.2	1771.9	1772.3	1772.2	1772.2	1771.9	1771.9	1771.3	1770.5	1771.4	1772.1	1771.8	1769.8
239	1771.0	1773.1	1774.2	1774.3	1774.4	1774.5	1774.5	1774.2	1773.7	1773.9	1773.1	1772.9	1771.4
240	1766.0	1767.2	1767.6	1767.5	1767.7	1767.5	1767.7	1767.1	1766.7	1766.9	1766.4	1766.5	1765.4
241	1768.2	1768.4	1768.1	1767.3	1766.7	1766.0	1765.9	1765.0	1764.2	1763.4	1761.7	1760.7	1757.2
242	1720.2	1722.2	1722.8	1723.2	1723.7	1723.5	1723.9	1723.2	1723.1	1723.2	1722.6	1722.7	1721.4
243	1550.1	1551.0	1550.9	1551.2	1551.4	1550.6	1551.1	1549.9	1550.4	1551.0	1550.7	1551.8	1551.0
244	1803.3	1806.2	1807.2	1807.5	1807.8	1807.6	1808.3	1807.7	1807.9	1807.6	1807.1	1806.7	1804.3
245	1797.9	1801.0	1802.0	1802.3	1802.6	1802.2	1803.1	1802.5	1802.8	1802.5	1801.9	1801.5	1799.5
246	1818.5	1809.5	1804.6	1799.9	1796.7	1793.8	1792.4	1790.0	1787.7	1784.3	1780.4	1777.0	1769.6
247	1804.4	1798.2	1794.2	1790.1	1787.2	1784.7	1783.3	1781.2	1779.2	1776.2	1772.7	1769.7	1763.3
248	1786.0	1778.7	1774.7	1770.9	1768.5	1766.2	1765.0	1763.0	1761.2	1758.8	1755.8	1753.4	1748.1
249	1749.8	1755.0	1757.9	1760.8	1763.6	1765.3	1767.0	1767.6	1769.0	1772.2	1775.4	1779.7	1787.8
250	1752.7	1745.5	1741.6	1737.9	1735.4	1733.1	1731.9	1729.8	1727.9	1725.7	1722.6	1720.3	1715.0
251	1734.2	1729.3	1726.8	1724.4	1723.0	1721.4	1721.0	1719.5	1718.7	1717.7	1716.4	1715.9	1714.3
252	185.2	187.6	188.5	188.7	189.0	189.4	189.5	189.5	188.6	188.8	187.5	186.4	183.1

Table XX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β -2.0° R: 724 Pi	0.0° R: 721 Pi	2.0° R: 722 Pi	6.0° R: 723 Pi
2	1829.2	1831.4	1830.6	1826.9
3	1828.4	1817.0	1804.3	1779.1
4	1809.4	1819.0	1833.4	1857.7
5	1825.1	1814.0	1802.1	1779.0
6	1804.8	1813.3	1827.2	1851.0
7	1820.7	1810.1	1798.8	1776.9
8	1804.8	1812.6	1825.8	1848.5
9	1794.8	1792.5	1792.1	1786.8
10	1811.4	1813.2	1812.5	1809.2
11	1812.9	1801.8	1790.7	1769.4
12	1793.8	1801.4	1814.5	1837.2
13	1811.4	1801.1	1790.7	1770.7
14	1793.2	1800.7	1813.1	1834.9
15	1809.1	1799.6	1789.8	1770.8
16	1791.3	1798.2	1810.1	1830.9
17	1799.1	1797.6	1798.0	1794.4
19	1794.5	1786.9	1778.4	1763.1
20	1783.0	1789.2	1798.9	1817.0
21	1788.1	1781.1	1774.1	1761.4
22	1776.0	1781.2	1789.8	1805.9
23	1773.8	1767.4	1761.1	1750.3
24	1760.2	1764.8	1772.3	1787.2
25	1765.4	1759.7	1754.2	1745.2
26	1754.4	1758.1	1765.1	1778.9
43	1821.3	1811.2	1799.8	1777.0
44	1800.6	1809.6	1822.4	1844.3
67	1764.5	1758.3	1752.5	1742.8
68	1754.1	1758.2	1765.4	1779.7
85	1830.5	1818.6	1805.5	1779.5
86	1832.2	1843.0	1856.5	1878.1
87	1842.2	1836.3	1827.1	1806.9
88	1805.7	1810.5	1814.3	1819.0
89	1785.6	1785.8	1783.3	1778.5
90	1782.4	1784.6	1785.4	1785.6
91	1782.8	1783.8	1783.5	1781.4
921	1790.0	1786.7	1787.7	1782.9

Table XX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\alpha = 10.0^{\circ}$, $M_{\infty} = .40$, $q_{\infty} = 200.0$
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 724	R: 721	R: 722	R: 723
	Pi	Pi	Pi	Pi
922	1842.2	1844.7	1844.0	1840.2
93	1808.5	1810.3	1809.6	1806.5
94	1838.4	1841.5	1841.7	1839.4
95	1800.6	1804.6	1807.6	1810.9
125	1778.7	1772.0	1765.5	1753.7
126	1766.7	1770.9	1779.2	1793.9
128	1839.2	1837.4	1837.5	1831.7
132	1759.3	1759.3	1759.3	1758.2
201	1896.3	1892.9	1892.7	1885.7
202	1942.3	1939.7	1939.5	1931.4
203	1974.6	1973.2	1973.1	1965.1
204	1990.8	1990.4	1990.2	1982.1
205	1986.3	1987.4	1987.0	1979.0
206	1963.7	1965.6	1965.1	1957.9
207	1936.8	1939.2	1938.6	1932.3
208	1915.0	1917.6	1917.0	1911.2
209	1933.6	1921.9	1908.0	1876.5
210	1961.8	1952.5	1940.9	1912.9
211	1983.9	1978.7	1972.2	1952.8
212	1978.4	1982.4	1988.2	1991.1
213	1947.6	1955.5	1966.7	1979.9
214	1911.8	1921.9	1936.9	1957.9
215	1792.2	1789.2	1788.1	1782.8
216	1837.7	1825.9	1812.5	1785.8
217	1817.4	1827.5	1842.6	1867.8
218	1841.6	1843.0	1841.1	1834.9
219	1785.4	1777.8	1770.3	1756.8
220	1772.0	1777.4	1786.6	1803.6
221	1755.7	1749.9	1744.6	1736.1
222	1746.7	1750.2	1756.9	1770.4
223	1748.0	1741.8	1736.2	1726.8
224	1739.9	1743.6	1750.6	1764.5
225	1791.0	1789.2	1789.5	1785.3
226	1813.5	1810.8	1811.3	1807.4
227	1831.7	1828.5	1828.7	1823.6
228	1856.6	1853.1	1853.3	1847.9

Table XX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 724	R: 721	R: 722	R: 723
	Pi	Pi	Pi	Pi
229	1873.1	1875.6	1874.8	1870.1
230	1792.3	1793.6	1793.2	1790.8
231	1866.1	1853.1	1838.5	1808.5
232	1907.8	1895.2	1880.8	1849.8
233	1883.3	1893.6	1909.7	1933.8
234	1842.7	1853.0	1869.3	1895.5
235	1797.2	1789.1	1780.8	1762.4
236	1799.8	1794.2	1787.2	1770.9
237	1790.2	1789.3	1786.2	1780.2
238	1786.6	1788.7	1787.3	1782.5
239	1788.1	1788.9	1788.4	1785.8
240	1776.3	1776.8	1776.3	1774.1
241	1775.5	1771.5	1766.3	1753.4
242	1721.8	1721.3	1721.4	1718.8
243	1538.3	1535.6	1535.4	1534.2
244	1796.6	1795.3	1795.4	1790.8
245	1789.8	1788.1	1788.3	1784.3
246	1795.0	1786.5	1778.0	1763.1
247	1789.8	1781.4	1773.0	1757.4
248	1770.3	1764.0	1757.9	1747.7
249	1760.8	1764.8	1772.3	1786.8
250	1738.8	1733.2	1727.9	1719.1
251	1720.7	1715.7	1712.2	1707.5
252	186.8	189.5	188.9	184.2

Table XXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 765	R: 766	R: 767	R: 768	R: 769	R: 770	R: 771	R: 772	R: 773	R: 774	R: 775
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1754.8	1767.1	1780.4	1792.2	1804.2	1816.6	1830.4	1842.2	1854.8	1867.1	1879.2
3	1802.7	1808.3	1813.2	1815.9	1817.1	1817.5	1816.2	1813.6	1809.3	1803.8	1795.9
4	1802.2	1808.7	1814.5	1817.7	1819.6	1819.7	1817.8	1814.7	1810.4	1805.3	1798.4
5	1810.5	1813.3	1816.0	1816.9	1816.7	1815.8	1813.5	1810.1	1805.6	1800.1	1792.7
6	1808.1	1812.0	1815.3	1816.5	1817.0	1815.6	1811.9	1808.1	1803.3	1798.1	1791.3
7	1814.5	1815.9	1817.0	1816.7	1815.2	1813.4	1810.0	1806.0	1800.6	1794.7	1786.9
8	1814.9	1817.2	1819.0	1818.8	1817.8	1815.3	1811.3	1806.9	1801.7	1796.2	1789.3
9	1857.1	1845.6	1835.2	1824.5	1814.0	1803.3	1791.6	1781.3	1771.0	1761.4	1751.6
10	1750.0	1759.6	1770.4	1780.0	1789.9	1800.4	1812.4	1822.7	1834.0	1845.3	1856.5
11	1792.5	1796.4	1800.1	1802.0	1802.4	1802.4	1801.0	1798.5	1794.8	1790.3	1783.9
12	1792.2	1796.1	1800.2	1802.5	1803.6	1803.0	1800.8	1797.7	1793.6	1788.9	1782.6
13	1794.9	1797.8	1800.7	1802.1	1802.4	1802.1	1800.8	1798.4	1795.1	1791.0	1785.3
14	1794.0	1797.8	1801.5	1803.9	1804.0	1802.9	1800.0	1797.1	1793.3	1789.2	1783.7
15	1797.9	1800.1	1802.3	1802.8	1802.4	1801.5	1799.3	1796.2	1792.1	1787.5	1781.0
16	1794.6	1797.5	1800.3	1801.1	1801.0	1799.8	1796.8	1793.8	1789.8	1785.7	1780.0
17	1851.0	1843.4	1834.5	1825.2	1815.8	1806.7	1796.8	1788.0	1779.6	1771.8	1763.9
19	1779.9	1784.3	1787.5	1788.9	1789.3	1789.3	1786.6	1783.3	1781.0	1778.0	1773.5
20	1776.7	1782.9	1787.1	1788.8	1789.4	1789.4	1787.3	1786.2	1783.9	1780.8	1776.5
21	1774.3	1776.6	1779.9	1780.3	1781.9	1781.6	1780.6	1779.2	1777.2	1774.5	1770.9
22	1774.2	1776.6	1779.7	1780.5	1780.8	1781.3	1780.5	1778.5	1776.1	1773.6	1770.0
23	1760.3	1762.6	1765.2	1766.6	1767.2	1767.4	1766.8	1765.6	1763.9	1761.9	1758.8
24	1758.9	1761.5	1763.8	1764.4	1764.8	1764.7	1763.6	1762.0	1759.9	1757.8	1754.6
25	1754.8	1756.4	1758.6	1759.4	1759.6	1759.5	1758.9	1757.6	1755.9	1754.1	1751.3
26	1753.0	1755.0	1757.3	1758.0	1758.4	1758.3	1757.5	1756.1	1754.4	1752.5	1749.7
43	1792.0	1791.5	1791.8	1791.4	1790.8	1790.7	1790.3	1789.9	1789.8	1790.0	1789.9
44	1785.3	1792.9	1799.7	1803.8	1806.6	1807.9	1807.0	1804.8	1801.2	1796.7	1790.4
67	1751.9	1754.0	1756.5	1757.7	1758.0	1758.1	1757.3	1755.8	1753.9	1751.5	1747.9
68	1751.7	1754.1	1756.8	1758.0	1758.5	1758.6	1757.7	1756.0	1753.9	1751.5	1748.0
85	1814.0	1817.5	1820.6	1821.7	1821.4	1820.5	1818.0	1814.2	1808.9	1802.6	1794.3
86	1798.1	1809.3	1819.6	1827.1	1833.5	1838.3	1841.5	1842.7	1842.8	1842.0	1839.5
87	1771.9	1784.9	1797.5	1807.9	1817.2	1826.4	1835.5	1842.5	1848.9	1854.5	1858.3
88	1756.0	1765.2	1775.7	1784.1	1792.3	1800.6	1809.5	1816.7	1824.3	1831.8	1838.7
89	1746.9	1752.2	1758.8	1764.5	1770.5	1777.1	1784.9	1790.8	1798.4	1806.5	1814.7
90	1746.7	1751.8	1758.3	1763.8	1769.4	1775.9	1783.7	1790.5	1798.3	1806.3	1814.3
91	1749.0	1753.5	1759.4	1764.2	1769.0	1775.4	1783.1	1790.0	1798.1	1806.5	1815.1
921	1861.7	1848.9	1837.3	1824.8	1812.2	1799.6	1786.3	1774.5	1762.7	1751.3	1739.7

Table XXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 765	R: 766	R: 767	R: 768	R: 769	R: 770	R: 771	R: 772	R: 773	R: 774	R: 775
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1760.6	1774.7	1789.3	1802.3	1815.4	1828.8	1843.7	1856.3	1869.4	1882.1	1894.3
93	1748.8	1758.2	1768.6	1777.9	1787.5	1797.8	1809.6	1819.8	1830.9	1842.1	1853.2
94	1760.6	1773.9	1788.0	1800.5	1813.1	1826.1	1840.5	1852.6	1865.4	1877.8	1889.9
95	1752.8	1761.3	1771.2	1779.1	1787.0	1795.0	1803.8	1811.1	1819.0	1826.7	1834.2
125	1761.2	1764.8	1768.5	1770.7	1771.7	1772.3	1771.3	1768.7	1765.4	1761.5	1756.2
126	1759.5	1763.5	1767.4	1769.7	1771.1	1771.2	1769.8	1767.4	1764.0	1760.1	1755.1
128	1868.7	1862.6	1857.5	1852.1	1847.0	1842.0	1836.8	1832.4	1828.3	1824.8	1821.1
132	1747.5	1747.5	1749.0	1750.3	1752.0	1754.7	1758.5	1762.2	1767.1	1772.7	1778.6
201	1970.7	1961.2	1951.0	1938.8	1925.6	1910.7	1892.9	1875.7	1856.9	1837.0	1815.6
202	1988.7	1984.5	1979.3	1971.8	1963.1	1952.7	1939.4	1926.2	1911.3	1895.0	1877.0
203	1989.7	1991.5	1992.0	1989.9	1986.4	1980.9	1973.2	1964.3	1953.5	1941.2	1926.7
204	1968.9	1977.7	1984.8	1988.7	1991.0	1991.5	1990.1	1987.0	1981.9	1974.9	1965.7
205	1926.4	1941.4	1955.0	1965.2	1973.9	1981.0	1986.8	1989.9	1991.3	1991.0	1988.6
206	1882.0	1899.9	1916.6	1930.4	1942.9	1954.4	1965.4	1973.4	1980.2	1985.3	1988.6
207	1846.0	1864.4	1882.0	1897.0	1911.1	1924.6	1938.3	1949.0	1959.0	1967.7	1975.1
208	1822.3	1840.2	1857.9	1873.0	1887.6	1901.9	1916.7	1928.6	1940.2	1950.7	1960.0
209	1920.1	1924.2	1927.4	1928.0	1927.3	1925.5	1921.8	1916.7	1909.6	1900.9	1889.7
210	1942.6	1948.4	1953.0	1954.9	1955.5	1954.8	1952.2	1948.0	1941.7	1933.6	1923.2
211	1961.6	1969.3	1975.6	1978.9	1980.7	1981.0	1979.3	1975.8	1970.2	1962.7	1952.8
212	1962.9	1971.1	1977.8	1981.4	1983.6	1983.7	1981.8	1978.2	1972.8	1965.7	1956.7
213	1945.3	1952.2	1957.6	1960.1	1961.1	1960.0	1956.6	1952.0	1945.7	1938.1	1928.6
214	1919.2	1924.7	1928.9	1930.1	1929.9	1927.6	1922.9	1917.2	1910.0	1901.4	1891.3
215	1860.1	1847.6	1836.3	1824.5	1813.1	1801.5	1788.8	1777.4	1766.0	1755.2	1744.1
216	1811.3	1817.1	1822.1	1824.9	1826.2	1826.7	1825.6	1823.0	1818.7	1813.1	1805.2
217	1811.6	1818.1	1823.7	1826.8	1828.5	1828.3	1826.1	1822.7	1818.0	1812.5	1805.2
218	1761.1	1774.8	1789.0	1801.7	1814.4	1827.6	1842.0	1854.3	1867.2	1879.7	1891.7
219	1767.6	1771.9	1774.4	1776.3	1777.2	1777.6	1777.0	1775.5	1773.4	1770.7	1766.3
220	1766.2	1770.0	1773.7	1775.5	1776.6	1777.0	1776.0	1774.3	1771.7	1768.9	1764.7
221	1746.6	1747.9	1749.6	1750.2	1750.2	1750.0	1749.0	1747.5	1745.6	1743.6	1740.5
222	1746.6	1748.1	1749.9	1750.4	1750.5	1750.2	1749.1	1747.4	1745.4	1743.3	1740.2
223	1742.0	1742.8	1744.1	1744.3	1743.6	1742.5	1740.8	1738.4	1735.5	1732.4	1728.1
224	1742.8	1743.8	1745.4	1745.6	1745.2	1744.3	1742.5	1740.1	1737.3	1734.2	1730.0
225	1836.5	1827.3	1819.6	1811.6	1803.9	1796.5	1788.6	1782.0	1775.7	1770.1	1764.4
226	1895.9	1882.3	1869.3	1855.6	1841.7	1827.3	1811.1	1796.5	1781.3	1766.5	1751.1
227	1915.6	1902.2	1889.1	1875.0	1860.7	1845.7	1828.5	1812.8	1796.4	1780.0	1762.8
228	1942.5	1929.8	1917.0	1902.8	1887.9	1871.8	1852.9	1835.3	1816.5	1797.3	1776.9

Table XXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 765	R: 766	R: 767	R: 768	R: 769	R: 770	R: 771	R: 772	R: 773	R: 774	R: 775
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1782.1	1798.3	1814.8	1829.3	1843.6	1858.1	1873.6	1886.5	1899.6	1912.0	1923.8
230	1745.7	1751.9	1760.5	1768.3	1775.5	1783.4	1792.6	1800.8	1810.1	1819.6	1829.3
231	1859.7	1861.3	1862.5	1861.7	1859.8	1857.2	1852.9	1847.6	1840.6	1832.6	1822.5
232	1899.3	1902.0	1903.9	1903.7	1902.1	1899.6	1895.0	1889.4	1881.8	1872.9	1861.6
233	1895.6	1899.5	1902.1	1902.2	1901.1	1897.8	1892.2	1886.1	1878.6	1870.2	1860.2
234	1857.6	1860.5	1862.5	1862.1	1860.6	1857.2	1851.7	1845.8	1838.8	1831.1	1821.9
235	1762.2	1770.9	1778.6	1783.5	1786.8	1788.2	1788.6	1788.0	1785.1	1781.0	1774.4
236	1749.3	1759.8	1769.7	1777.6	1783.7	1789.1	1793.7	1796.8	1799.0	1800.4	1799.9
237	1743.3	1750.3	1758.6	1765.7	1772.9	1780.3	1788.5	1795.2	1804.1	1811.8	1819.3
238	1744.4	1750.5	1757.9	1764.3	1770.7	1777.7	1788.4	1795.9	1804.3	1812.9	1821.5
239	1746.4	1751.6	1758.2	1764.7	1771.9	1779.1	1787.4	1794.9	1803.5	1812.4	1821.5
240	1753.9	1756.0	1759.5	1762.6	1766.0	1770.3	1775.9	1780.6	1786.6	1793.3	1800.1
241	1738.7	1746.5	1754.0	1759.4	1763.7	1767.4	1770.3	1771.6	1772.3	1772.2	1770.6
242	1734.1	1729.8	1727.3	1724.9	1722.8	1721.6	1720.7	1720.3	1720.8	1722.1	1723.4
243	1592.3	1578.8	1568.1	1558.6	1549.4	1541.8	1534.3	1528.5	1524.2	1521.9	1520.3
244	1835.4	1827.3	1820.8	1814.2	1807.7	1801.6	1795.3	1790.0	1784.9	1780.6	1776.4
245	1832.5	1823.6	1816.3	1808.8	1801.6	1794.7	1787.5	1781.3	1775.5	1770.5	1765.4
246	1785.6	1786.9	1789.4	1790.5	1790.6	1790.2	1789.0	1786.9	1783.9	1779.5	1772.9
247	1768.0	1773.1	1777.8	1780.4	1781.6	1781.8	1780.6	1778.0	1774.3	1769.6	1762.6
248	1756.0	1758.4	1761.2	1762.7	1763.4	1763.6	1762.9	1761.4	1759.4	1757.1	1753.6
249	1757.2	1760.1	1762.9	1764.0	1764.6	1764.6	1763.5	1761.9	1759.7	1757.3	1753.7
250	1713.8	1719.4	1724.8	1728.4	1730.5	1732.3	1732.7	1731.5	1729.2	1726.3	1721.6
251	1724.3	1722.9	1722.4	1721.2	1719.2	1717.2	1714.7	1711.8	1708.6	1705.4	1701.3
252	173.2	180.4	187.8	183.1	188.1	183.1	189.1	182.5	195.9	198.5	190.2

Table XXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Ori-	Nominal α									
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 776	R: 777	R: 778	R: 779	R: 780	R: 781	R: 782	R: 783	R: 784	R: 785
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1752.2	1763.0	1776.1	1789.8	1800.3	1817.5	1829.3	1847.8	1859.1	1868.9
3	1789.6	1794.7	1799.8	1803.7	1802.3	1805.4	1802.1	1806.5	1798.8	1790.2
4	1812.3	1817.7	1824.0	1829.6	1830.1	1834.2	1832.8	1835.5	1828.8	1820.9
5	1796.3	1799.3	1802.5	1804.8	1802.0	1803.9	1800.2	1804.2	1796.6	1788.4
6	1820.2	1822.5	1826.1	1829.2	1827.3	1829.4	1826.2	1827.7	1820.2	1811.9
7	1800.2	1802.1	1803.8	1805.2	1801.3	1802.1	1797.6	1801.2	1793.3	1784.8
8	1827.6	1828.2	1830.2	1831.8	1828.6	1829.3	1824.9	1825.6	1817.4	1808.7
9	1857.7	1846.8	1836.4	1826.9	1812.9	1804.1	1790.9	1787.3	1774.4	1762.5
10	1747.6	1756.0	1766.7	1778.1	1786.5	1801.5	1811.4	1828.4	1838.4	1847.2
11	1780.7	1784.2	1788.2	1791.3	1789.4	1792.5	1789.3	1793.9	1787.2	1779.7
12	1801.5	1804.9	1809.4	1813.5	1812.7	1815.8	1813.6	1816.3	1809.8	1802.2
13	1782.3	1785.2	1788.6	1791.4	1789.5	1792.2	1789.4	1794.6	1788.1	1781.4
14	1804.2	1806.6	1810.3	1813.6	1812.3	1815.0	1812.6	1815.3	1809.1	1801.8
15	1784.8	1787.3	1790.1	1792.4	1789.6	1791.9	1788.5	1792.9	1786.3	1779.1
16	1805.8	1807.1	1810.0	1812.6	1810.4	1812.4	1809.2	1811.4	1804.6	1797.2
17	1852.0	1843.8	1834.9	1826.9	1814.6	1807.8	1796.6	1794.6	1783.8	1773.7
19	1769.3	1774.0	1777.5	1780.5	1778.4	1781.4	1777.3	1781.4	1776.4	1770.6
20	1785.7	1789.7	1793.7	1797.4	1796.1	1799.4	1797.5	1801.4	1797.9	1791.7
21	1765.8	1767.5	1770.9	1773.8	1772.1	1775.2	1772.8	1778.4	1773.7	1768.4
22	1780.9	1782.4	1786.0	1789.4	1785.3	1789.5	1789.7	1793.7	1789.2	1783.7
23	1752.2	1754.2	1757.0	1759.8	1758.0	1761.9	1759.7	1765.4	1761.5	1756.8
24	1764.7	1766.2	1769.1	1772.0	1770.4	1773.7	1771.5	1776.1	1772.1	1767.0
25	1747.6	1748.7	1751.4	1753.9	1751.5	1755.2	1753.0	1758.6	1754.8	1750.2
26	1758.3	1759.4	1762.3	1765.1	1763.3	1766.6	1764.7	1769.5	1765.8	1761.0
43	1791.5	1790.4	1790.9	1792.1	1789.1	1792.2	1790.3	1796.2	1794.2	1791.6
44	1792.3	1799.2	1806.9	1813.6	1815.4	1821.0	1820.7	1824.8	1819.5	1812.5
67	1745.9	1747.5	1749.9	1752.5	1750.2	1753.7	1751.1	1756.5	1752.0	1746.6
68	1755.8	1757.5	1760.9	1764.2	1763.1	1766.8	1765.0	1769.9	1766.1	1761.0
85	1799.0	1802.6	1806.1	1808.6	1805.7	1807.5	1803.4	1806.9	1798.7	1789.6
86	1804.9	1815.2	1826.4	1836.5	1841.9	1851.5	1855.4	1863.0	1861.7	1858.4
87	1765.8	1776.4	1788.2	1799.4	1806.5	1819.3	1825.4	1838.5	1841.9	1843.7
88	1756.0	1764.4	1774.7	1785.3	1792.3	1805.4	1813.1	1827.2	1833.9	1839.1
89	1746.6	1750.3	1756.5	1763.6	1767.4	1777.7	1782.0	1795.0	1800.9	1805.9
90	1743.4	1748.1	1755.1	1762.9	1767.5	1778.7	1784.3	1798.0	1804.8	1810.6
91	1747.6	1751.1	1755.6	1762.5	1766.2	1776.9	1782.5	1796.0	1802.5	1808.4
921	1861.2	1848.6	1837.1	1826.4	1811.0	1800.6	1786.6	1781.8	1767.2	1754.0

Table XXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Ori-	Nominal α									
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 776	R: 777	R: 778	R: 779	R: 780	R: 781	R: 782	R: 783	R: 784	R: 785
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1758.1	1770.5	1785.0	1799.8	1811.6	1829.9	1842.8	1861.7	1873.8	1883.7
93	1746.5	1754.6	1765.0	1776.1	1784.2	1799.1	1808.6	1825.3	1835.4	1843.9
94	1758.0	1769.9	1784.0	1798.5	1809.9	1827.8	1840.3	1859.2	1870.9	1880.8
95	1752.6	1760.2	1769.8	1779.8	1786.3	1799.0	1806.5	1820.6	1827.5	1832.9
125	1750.2	1753.7	1758.0	1762.1	1761.2	1766.0	1764.2	1769.3	1763.8	1757.7
126	1768.4	1770.9	1774.8	1778.8	1777.9	1781.0	1778.2	1781.3	1775.0	1767.9
128	1868.0	1861.9	1857.1	1852.9	1845.0	1842.7	1836.3	1838.4	1831.8	1825.6
132	1746.3	1745.6	1747.3	1750.3	1749.8	1756.4	1758.2	1768.5	1771.9	1774.8
201	1970.6	1961.7	1951.9	1941.0	1924.5	1910.4	1891.2	1880.4	1857.5	1835.5
202	1988.0	1984.0	1979.1	1972.9	1961.2	1951.9	1937.6	1930.4	1911.5	1893.0
203	1988.4	1989.9	1990.7	1989.8	1983.9	1980.1	1971.4	1968.6	1954.0	1939.2
204	1966.8	1974.8	1982.0	1987.1	1987.6	1990.5	1988.4	1991.0	1982.5	1972.8
205	1924.1	1937.6	1951.0	1962.5	1969.8	1980.2	1985.2	1994.3	1992.7	1989.6
206	1879.1	1895.3	1911.7	1926.9	1938.3	1953.8	1963.8	1977.7	1982.2	1984.5
207	1843.3	1859.7	1877.1	1893.5	1906.6	1924.5	1936.9	1953.7	1961.9	1967.7
208	1819.5	1835.6	1852.9	1869.6	1883.1	1901.9	1915.3	1933.5	1943.4	1951.1
209	1904.4	1908.8	1912.3	1914.0	1910.7	1910.6	1905.3	1907.4	1896.7	1885.3
210	1929.5	1935.4	1940.2	1943.1	1941.3	1942.4	1938.3	1941.0	1931.2	1920.6
211	1953.2	1960.5	1966.9	1971.3	1971.0	1973.3	1970.5	1973.3	1964.2	1954.1
212	1966.9	1974.0	1980.7	1985.6	1985.9	1988.7	1986.4	1988.2	1979.5	1969.7
213	1954.4	1959.9	1965.3	1969.2	1968.5	1970.3	1966.9	1967.2	1957.6	1947.2
214	1931.9	1935.9	1940.1	1943.0	1941.1	1941.9	1937.3	1936.3	1925.7	1914.5
215	1859.4	1847.7	1836.6	1826.4	1811.2	1801.2	1787.0	1782.6	1768.4	1755.5
216	1797.2	1802.7	1808.1	1812.0	1810.7	1813.9	1810.8	1815.1	1807.5	1798.8
217	1822.7	1828.1	1834.2	1839.4	1839.6	1843.6	1841.8	1843.9	1836.9	1828.5
218	1758.1	1769.9	1784.0	1798.3	1809.7	1827.5	1839.8	1858.6	1870.0	1879.8
219	1759.6	1763.3	1765.8	1769.1	1767.4	1771.3	1768.9	1774.1	1769.4	1763.6
220	1772.2	1775.8	1780.2	1784.3	1782.8	1786.8	1785.2	1789.9	1785.4	1779.8
221	1740.8	1741.6	1743.3	1745.4	1742.8	1746.1	1743.4	1748.8	1744.6	1739.6
222	1750.9	1751.7	1754.0	1756.7	1754.9	1758.1	1756.0	1760.9	1757.1	1752.3
223	1737.0	1737.2	1738.3	1739.8	1736.2	1738.5	1734.8	1739.2	1733.7	1727.4
224	1746.0	1746.7	1748.9	1751.6	1749.4	1752.3	1749.7	1754.1	1749.7	1744.2
225	1836.7	1827.8	1820.1	1813.5	1802.7	1797.7	1788.3	1788.3	1779.4	1771.3
226	1896.3	1883.5	1870.8	1858.6	1841.2	1828.1	1810.3	1802.2	1783.9	1766.8
227	1916.1	1903.4	1890.7	1878.1	1860.2	1846.2	1827.4	1818.2	1798.4	1779.8
228	1942.7	1930.9	1918.6	1905.7	1887.2	1872.0	1851.6	1840.4	1818.0	1796.6

Table XXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Orifice ID	Nominal α									
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 776	R: 777	R: 778	R: 779	R: 780	R: 781	R: 782	R: 783	R: 784	R: 785
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1779.0	1793.4	1809.7	1826.0	1839.1	1858.4	1872.2	1891.5	1903.4	1913.1
230	1745.5	1751.0	1758.6	1767.2	1772.6	1784.8	1792.0	1806.9	1814.7	1821.7
231	1842.5	1844.8	1846.6	1847.1	1842.6	1842.0	1836.3	1838.6	1828.5	1817.9
232	1882.8	1886.1	1888.6	1889.4	1885.2	1884.4	1878.4	1880.0	1869.0	1857.5
233	1909.6	1911.9	1914.7	1916.6	1913.6	1913.5	1908.2	1906.7	1895.9	1884.6
234	1872.8	1874.0	1876.1	1877.6	1874.1	1873.9	1868.5	1867.3	1857.0	1846.3
235	1757.5	1764.2	1771.1	1776.9	1776.6	1781.4	1779.5	1784.1	1777.5	1769.3
236	1748.1	1755.8	1764.5	1773.0	1775.9	1784.4	1786.0	1794.6	1793.3	1790.5
237	1742.8	1748.1	1755.8	1764.1	1768.7	1779.6	1784.9	1799.2	1804.5	1808.9
238	1743.7	1748.2	1755.1	1762.8	1767.9	1780.6	1786.5	1800.1	1806.5	1812.2
239	1744.3	1748.5	1756.1	1764.7	1769.1	1780.4	1786.7	1800.8	1807.8	1814.1
240	1752.8	1753.9	1757.4	1762.0	1763.4	1771.8	1775.2	1786.7	1791.1	1795.1
241	1740.8	1745.8	1752.0	1757.9	1758.7	1765.1	1764.5	1771.3	1768.4	1764.0
242	1733.1	1728.5	1726.2	1725.4	1720.7	1722.9	1720.6	1726.9	1725.6	1724.2
243	1592.1	1578.9	1568.6	1561.0	1548.4	1544.7	1534.9	1536.9	1531.4	1525.9
244	1835.2	1827.3	1820.8	1815.5	1806.0	1802.5	1794.7	1795.9	1788.5	1781.6
245	1832.7	1824.0	1816.7	1810.5	1800.2	1795.8	1787.1	1787.6	1779.3	1771.6
246	1774.8	1775.9	1778.7	1781.3	1779.0	1782.3	1779.5	1784.7	1779.4	1771.9
247	1760.7	1764.8	1769.4	1773.2	1771.5	1774.8	1771.4	1775.6	1768.6	1760.4
248	1746.8	1749.2	1752.4	1755.6	1754.0	1758.3	1756.3	1762.0	1758.1	1753.3
249	1764.2	1765.8	1768.9	1771.9	1770.2	1773.2	1771.0	1775.2	1770.6	1765.0
250	1701.7	1707.7	1714.2	1720.1	1720.7	1727.3	1726.7	1733.3	1729.7	1724.6
251	1720.5	1718.5	1718.3	1718.6	1713.8	1715.3	1710.9	1714.8	1709.4	1703.1
252	170.3	175.7	182.8	189.7	183.6	183.5	187.9	187.6	199.6	199.5

Table XXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 786 Pi	Nominal β 2.0° R: 787 Pi
2	1831.9	1829.5
3	1817.7	1802.7
4	1819.8	1831.0
5	1814.8	1800.5
6	1813.8	1824.4
7	1811.9	1798.0
8	1813.2	1823.1
9	1793.3	1789.9
10	1813.8	1811.5
11	1802.6	1789.8
12	1802.7	1812.0
13	1802.0	1789.6
14	1801.9	1811.0
15	1800.8	1788.8
16	1798.9	1807.7
17	1798.4	1795.7
19	1788.2	1777.4
20	1789.1	1796.3
21	1782.1	1772.9
22	1782.1	1788.5
23	1768.2	1760.0
24	1765.0	1770.5
25	1760.4	1753.1
26	1759.0	1763.7
43	1791.7	1789.9
44	1809.0	1819.2
67	1758.8	1751.3
68	1759.1	1764.1
85	1819.4	1803.9
86	1843.5	1854.1
87	1836.9	1826.1
88	1810.9	1812.8
89	1786.2	1782.1
90	1784.9	1784.2
91	1784.4	1782.5
921	1787.8	1785.2

Table XXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 786 Pi	Nominal β 2.0° R: 787 Pi
922	1845.2	1843.0
93	1811.0	1808.9
94	1842.0	1840.5
95	1805.1	1806.3
125	1772.8	1764.2
126	1771.5	1777.1
128	1838.5	1835.6
132	1759.8	1758.1
201	1894.6	1889.6
202	1941.4	1936.3
203	1975.0	1970.2
204	1992.0	1987.5
205	1988.8	1984.7
206	1967.0	1963.4
207	1940.0	1936.8
208	1918.4	1915.5
209	1923.0	1905.6
210	1953.8	1938.5
211	1980.5	1970.0
212	1983.8	1985.0
213	1957.9	1964.4
214	1924.2	1934.6
215	1790.3	1785.8
216	1827.1	1811.4
217	1828.2	1840.0
218	1843.6	1840.2
219	1778.6	1769.1
220	1777.5	1784.1
221	1750.5	1743.5
222	1750.6	1755.0
223	1742.2	1734.9
224	1744.0	1748.7
225	1790.1	1787.5
226	1812.2	1808.7
227	1829.8	1825.9
228	1854.4	1850.2

Table XXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .40, q_∞ = 200.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 786 Pi	Nominal β 2.0° R: 787 Pi
229	1875.2	1872.6
230	1794.0	1792.0
231	1854.2	1836.8
232	1896.4	1878.7
233	1894.2	1905.9
234	1853.8	1866.2
235	1790.0	1779.8
236	1795.3	1786.7
237	1789.5	1784.9
238	1789.2	1786.3
239	1788.9	1786.8
240	1777.2	1775.1
241	1771.7	1764.8
242	1721.9	1720.4
243	1535.2	1534.7
244	1796.5	1793.7
245	1789.0	1786.3
246	1790.4	1779.8
247	1782.0	1771.5
248	1764.4	1756.5
249	1764.9	1770.1
250	1733.6	1726.8
251	1715.9	1710.8
252	180.5	188.1

Table XXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 530.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 32	R: 33	R: 34	R: 35	R: 36	R: 37	R: 38	R: 39	R: 40	R: 41	R: 42
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2066.9	2097.8	2130.7	2166.6	2198.5	2234.0	2268.9	2305.1	2340.9	2371.6	2404.6
3	2194.8	2210.1	2220.6	2224.6	2225.5	2227.1	2227.8	2219.1	2212.9	2194.5	2175.7
4	2191.4	2214.1	2226.5	2229.2	2232.2	2234.5	2232.6	2225.8	2215.5	2202.1	2186.9
5	2215.3	2221.0	2232.6	2235.2	2235.2	2233.0	2221.5	2219.3	2207.3	2183.7	2165.9
6	2206.8	2214.3	2225.5	2230.4	2231.0	2227.6	2221.6	2211.9	2193.7	2178.7	2163.6
7	2229.4	2231.1	2231.7	2228.9	2223.4	2218.3	2211.1	2199.7	2184.7	2170.6	2151.3
8	2225.2	2228.6	2230.4	2236.3	2232.0	2222.2	2213.9	2202.0	2188.6	2178.3	2162.8
9	2339.9	2308.4	2277.7	2247.4	2215.4	2186.5	2159.7	2131.0	2102.7	2076.9	2052.3
10	2043.2	2067.8	2095.2	2124.9	2152.9	2183.8	2213.5	2246.0	2278.9	2309.4	2340.7
11	2196.9	2200.2	2201.8	2202.6	2201.7	2192.3	2188.6	2168.3	2158.1	2148.9	2130.0
12	2193.1	2196.2	2198.1	2200.1	2196.9	2192.0	2182.0	2167.0	2150.9	2133.7	2116.8
13	2181.2	2183.2	2194.9	2196.5	2195.5	2195.3	2189.0	2171.8	2167.2	2158.5	2142.4
14	2186.1	2183.1	2192.1	2195.6	2194.8	2192.7	2187.1	2169.9	2165.5	2153.0	2139.0
15	2094.0	2095.2	2095.6	2096.9	2097.2	2097.8	2098.2	2098.5	2099.4	2100.1	2100.4
16	2170.0	2174.7	2178.4	2182.9	2181.4	2179.1	2173.7	2164.8	2154.2	2141.7	2128.6
17	2327.4	2299.3	2272.4	2246.6	2219.5	2195.9	2174.1	2150.6	2128.3	2107.8	2088.9
19	2110.7	2126.6	2133.3	2139.0	2138.7	2139.0	2138.4	2134.3	2128.6	2119.1	2105.9
20	2108.9	2123.0	2136.1	2143.0	2145.0	2146.6	2146.2	2142.2	2137.0	2126.8	2113.1
21	2108.0	2111.1	2118.1	2122.2	2122.7	2124.8	2125.0	2124.9	2117.1	2110.7	2103.2
22	2107.6	2110.0	2117.0	2121.8	2123.5	2124.8	2125.6	2123.0	2115.2	2108.3	2102.4
23	2062.3	2068.3	2074.4	2079.0	2080.1	2082.7	2082.6	2081.1	2078.0	2073.8	2067.4
24	2057.5	2063.5	2068.8	2074.1	2075.9	2077.8	2078.2	2076.1	2072.5	2067.2	2061.2
25	2047.7	2050.8	2056.8	2061.1	2061.2	2062.9	2062.8	2063.2	2058.3	2054.8	2049.3
26	2041.5	2046.2	2051.5	2056.1	2057.6	2059.0	2059.6	2057.8	2055.3	2051.0	2046.1
43	2168.5	2182.2	2195.2	2199.4	2202.2	2206.9	2211.9	2210.6	2202.7	2190.1	2181.1
44	2153.9	2169.9	2184.6	2189.1	2195.3	2200.5	2202.0	2198.1	2190.8	2181.6	2182.8
67	2038.9	2044.4	2050.4	2056.0	2055.3	2059.1	2059.3	2057.6	2053.5	2048.3	2041.2
68	2035.9	2041.5	2047.8	2053.9	2052.7	2057.9	2058.5	2056.5	2052.8	2046.9	2040.5
85	2220.1	2227.3	2233.0	2235.4	2233.5	2231.5	2225.8	2216.5	2203.3	2187.2	2166.5
86	2187.3	2207.8	2231.5	2254.8	2272.1	2286.9	2297.0	2303.1	2305.8	2303.7	2301.2
87	2110.5	2140.3	2170.6	2201.2	2226.7	2256.8	2276.2	2301.9	2317.1	2333.2	2345.4
88	2059.5	2081.0	2105.6	2132.0	2157.6	2185.3	2209.2	2227.6	2248.9	2271.0	2292.1
89	2026.0	2039.4	2055.7	2074.1	2090.9	2111.2	2131.1	2153.6	2176.7	2199.4	2222.9
90	2025.5	2038.3	2054.0	2071.9	2088.4	2108.9	2129.6	2151.9	2175.5	2197.9	2221.6
91	2031.5	2042.8	2057.1	2074.1	2089.6	2109.6	2130.0	2152.6	2176.9	2200.5	2225.8
921	2345.0	2310.3	2276.1	2242.1	2206.4	2175.1	2144.4	2111.4	2078.7	2048.7	2019.6

Table XXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 530.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 32	R: 33	R: 34	R: 35	R: 36	R: 37	R: 38	R: 39	R: 40	R: 41	R: 42
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2079.5	2114.8	2152.3	2191.5	2228.0	2266.5	2302.4	2340.8	2377.9	2411.6	2445.7
93	2038.0	2062.0	2088.6	2117.7	2145.1	2175.5	2204.8	2236.9	2269.3	2299.7	2330.9
94	2075.6	2109.2	2145.1	2183.2	2218.6	2255.9	2291.0	2328.5	2365.6	2399.3	2433.1
95	2050.5	2070.4	2093.3	2117.8	2142.1	2169.7	2193.5	2212.2	2233.7	2257.0	2280.0
125	2011.7	2013.3	2014.4	2016.2	2017.0	2018.0	2019.1	2019.8	2021.2	2022.5	2023.2
126	2055.7	2066.6	2076.7	2084.3	2087.1	2089.0	2087.9	2081.5	2072.4	2060.8	2049.3
128	2374.7	2357.8	2342.1	2328.0	2312.3	2300.0	2288.8	2277.4	2266.6	2256.8	2248.5
132	2025.2	2024.7	2027.2	2032.6	2037.6	2047.1	2058.0	2071.0	2086.3	2102.3	2120.3
201	2655.1	2629.1	2599.2	2565.7	2527.1	2487.4	2446.1	2398.3	2346.2	2294.2	2239.1
202	2707.2	2694.8	2678.3	2658.3	2632.9	2605.3	2575.6	2539.8	2499.2	2457.1	2412.2
203	2713.3	2715.5	2713.8	2708.8	2697.6	2683.5	2665.8	2642.8	2613.9	2582.4	2546.5
204	2661.3	2680.5	2695.7	2707.4	2712.2	2713.8	2711.0	2703.7	2690.4	2672.5	2649.7
205	2548.6	2583.2	2614.8	2643.8	2666.2	2685.5	2699.0	2709.2	2713.8	2712.8	2707.4
206	2430.2	2472.3	2512.3	2551.3	2584.1	2615.1	2640.6	2664.9	2684.2	2697.6	2707.0
207	2328.0	2372.0	2415.4	2458.2	2496.2	2533.4	2565.4	2597.7	2626.0	2649.1	2669.1
208	2260.9	2304.4	2348.1	2391.9	2431.3	2470.5	2505.1	2540.9	2573.7	2601.6	2627.0
209	2525.2	2533.3	2538.8	2540.6	2536.8	2532.2	2523.6	2511.3	2492.9	2471.4	2443.7
210	2590.3	2602.4	2611.8	2617.8	2616.8	2615.1	2609.2	2599.3	2583.1	2563.7	2537.8
211	2643.4	2659.6	2672.7	2681.9	2685.2	2686.0	2682.2	2674.3	2659.9	2641.5	2617.1
212	2644.0	2662.0	2675.9	2687.0	2691.7	2692.8	2689.2	2680.9	2667.2	2648.8	2627.0
213	2594.4	2609.0	2619.7	2628.1	2629.9	2628.1	2621.8	2610.5	2594.6	2574.5	2552.3
214	2520.5	2531.9	2539.4	2545.0	2543.9	2539.2	2530.2	2515.7	2497.8	2475.4	2451.8
215	2346.0	2312.3	2279.3	2246.3	2211.7	2180.7	2151.0	2119.1	2087.5	2058.3	2030.3
216	2216.5	2232.1	2242.8	2248.8	2250.6	2252.6	2250.8	2244.9	2234.1	2220.4	2201.3
217	2217.3	2233.7	2245.3	2253.8	2257.7	2259.0	2256.1	2248.2	2237.1	2222.1	2206.4
218	2079.0	2113.4	2149.9	2188.0	2223.4	2260.9	2296.0	2333.7	2371.0	2404.9	2438.4
219	2085.9	2093.7	2102.3	2109.1	2109.6	2112.8	2113.8	2111.5	2106.2	2099.4	2089.9
220	2081.9	2090.7	2099.4	2106.4	2109.0	2111.6	2112.9	2110.1	2104.9	2097.2	2088.5
221	2021.2	2024.9	2028.6	2032.3	2031.9	2033.5	2033.7	2031.9	2028.2	2023.7	2017.8
222	2029.4	2029.6	2029.3	2030.1	2030.5	2031.0	2031.7	2031.8	2031.8	2029.5	2023.5
223	2004.5	2007.1	2009.7	2012.2	2009.9	2010.2	2007.9	2004.0	1997.8	1990.8	1982.3
224	2008.2	2010.9	2013.9	2014.3	2017.1	2017.0	2015.9	2011.9	2006.6	1999.3	1991.6
225	2277.8	2253.1	2229.7	2207.7	2184.3	2165.2	2147.5	2129.1	2111.9	2096.6	2083.3
226	2445.1	2408.8	2371.6	2333.2	2292.4	2254.2	2216.6	2175.1	2132.7	2092.4	2052.0
227	2500.3	2464.6	2427.2	2388.2	2345.8	2304.0	2264.1	2219.4	2173.2	2128.8	2083.9
228	2575.9	2542.3	2505.6	2466.3	2423.1	2380.1	2337.1	2287.9	2236.0	2185.1	2132.5

Table XXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 530.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 32	R: 33	R: 34	R: 35	R: 36	R: 37	R: 38	R: 39	R: 40	R: 41	R: 42
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2145.3	2185.7	2227.3	2270.2	2309.7	2350.0	2387.3	2426.2	2463.2	2496.1	2528.3
230	2026.7	2042.8	2062.0	2083.8	2104.2	2128.3	2152.1	2178.7	2206.4	2233.1	2261.1
231	2354.3	2356.5	2357.2	2355.8	2348.4	2340.4	2330.3	2317.1	2298.7	2278.7	2253.4
232	2467.0	2472.0	2474.6	2473.7	2467.5	2460.4	2450.1	2436.1	2416.3	2394.1	2365.8
233	2453.5	2460.9	2464.7	2467.5	2463.2	2456.1	2445.4	2429.4	2410.5	2388.0	2364.8
234	2345.5	2350.5	2352.8	2354.8	2349.1	2341.1	2330.3	2314.7	2296.8	2275.7	2254.7
235	2071.4	2104.5	2119.1	2132.2	2140.5	2146.8	2148.8	2147.3	2140.8	2130.6	2114.9
236	2040.9	2064.8	2090.0	2112.4	2129.7	2146.6	2159.2	2170.2	2177.4	2181.9	2182.4
237	2019.3	2037.6	2058.0	2079.8	2099.9	2122.3	2143.4	2165.9	2190.5	2210.4	2232.5
238	2021.3	2036.2	2054.5	2075.2	2094.3	2116.4	2137.7	2160.6	2186.0	2210.7	2236.7
239	2025.8	2039.2	2055.8	2074.9	2093.0	2114.8	2136.6	2161.0	2186.8	2211.9	2238.3
240	2043.1	2047.6	2055.6	2066.1	2075.7	2089.6	2104.2	2121.1	2139.8	2158.7	2179.5
241	2001.4	2021.2	2039.7	2057.1	2069.3	2081.6	2090.5	2097.6	2101.4	2103.1	2101.8
242	1989.0	1977.1	1968.6	1962.7	1956.1	1954.6	1954.1	1954.8	1956.9	1960.1	1965.3
243	1535.5	1492.2	1454.5	1419.9	1384.5	1360.3	1341.5	1324.1	1309.5	1303.3	1304.9
244	2276.0	2254.2	2234.2	2216.0	2196.5	2181.3	2167.2	2153.0	2140.0	2128.7	2119.2
245	2266.7	2242.7	2220.5	2199.7	2177.7	2160.1	2143.8	2127.1	2111.5	2098.0	2086.3
246	2132.4	2134.4	2141.7	2144.9	2144.2	2144.1	2141.9	2136.2	2130.3	2120.8	2109.4
247	2087.1	2100.1	2110.7	2119.4	2125.1	2127.1	2125.1	2120.1	2110.7	2098.5	2082.0
248	2052.9	2059.3	2065.7	2071.1	2072.4	2075.0	2074.8	2072.9	2068.5	2063.5	2053.0
249	2056.7	2063.4	2069.6	2074.6	2077.0	2078.6	2078.7	2076.0	2072.0	2067.6	2052.1
250	1926.9	1941.1	1954.3	1965.6	1970.8	1976.9	1979.0	1978.3	1973.4	1966.7	1957.6
251	1954.0	1949.5	1946.4	1943.5	1936.7	1931.6	1926.9	1920.2	1911.7	1903.2	1894.0
252	215.8	218.8	223.2	228.4	239.8	232.1	240.5	240.7	249.3	253.3	255.8

Table XXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 14	R: 15	R: 16	R: 17	R: 18	R: 19	R: 20
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1917.0	1948.0	1980.3	2013.8	2046.4	2080.1	2113.4
3	2035.0	2052.0	2064.8	2070.4	2074.4	2074.2	2072.3
4	2040.2	2062.0	2075.0	2078.3	2082.3	2085.2	2084.3
5	2056.4	2064.4	2074.1	2080.4	2083.4	2079.3	2067.5
6	2056.6	2064.6	2075.4	2078.9	2081.1	2079.3	2073.8
7	2070.3	2074.9	2077.5	2075.6	2073.5	2066.5	2057.8
8	2074.5	2078.2	2080.6	2084.8	2082.9	2075.2	2067.2
9	2181.6	2151.5	2124.5	2095.8	2068.7	2040.8	2012.3
10	1896.2	1922.1	1949.2	1976.9	2005.1	2034.1	2063.6
11	2036.6	2046.1	2049.8	2050.5	2047.3	2041.9	2036.1
12	2043.0	2047.1	2049.9	2050.9	2049.6	2046.1	2036.8
13	2024.1	2030.0	2041.3	2044.6	2046.7	2044.8	2036.4
14	2036.2	2035.0	2044.2	2046.6	2047.6	2046.3	2041.1
15	2043.4	2043.7	2044.1	2044.5	2044.8	2045.2	2045.1
16	2021.8	2027.3	2031.5	2034.6	2035.2	2033.5	2028.3
17	2169.5	2142.8	2119.6	2094.8	2071.9	2049.0	2025.9
19	1959.0	1977.9	1984.5	1990.8	1993.2	1991.7	1990.5
20	1963.2	1978.3	1991.7	1997.5	2001.1	2002.9	2002.4
21	1958.2	1963.0	1971.3	1974.9	1978.5	1979.0	1978.2
22	1961.4	1965.7	1973.3	1977.4	1980.8	1982.5	1982.2
23	1915.8	1923.4	1930.7	1934.7	1938.6	1940.0	1939.5
24	1914.0	1921.6	1927.8	1932.5	1936.0	1937.9	1937.6
25	1902.3	1906.8	1914.5	1917.9	1920.8	1921.5	1920.9
26	1899.1	1905.3	1911.7	1915.8	1919.1	1920.5	1920.3
43	2011.3	2027.6	2042.1	2046.9	2052.8	2055.4	2057.0
44	2002.6	2020.8	2036.0	2040.3	2047.7	2052.9	2054.9
67	1893.8	1901.0	1908.1	1913.1	1915.7	1917.9	1917.5
68	1893.8	1901.1	1908.5	1914.0	1916.0	1919.7	1919.7
85	2060.3	2070.5	2077.6	2080.8	2082.6	2078.3	2070.5
86	2034.1	2056.6	2080.4	2100.9	2118.5	2133.0	2143.9
87	1956.0	1986.7	2018.1	2047.3	2074.2	2101.7	2121.5
88	1912.4	1935.5	1960.3	1984.3	2008.2	2032.4	2056.4
89	1882.5	1896.9	1913.1	1929.8	1947.7	1966.6	1986.3
90	1880.9	1895.1	1911.3	1928.2	1946.0	1964.9	1984.8
91	1887.5	1899.5	1914.0	1929.8	1946.7	1965.1	1984.7
921	2188.0	2154.3	2123.8	2091.4	2060.6	2029.3	1997.9

Table XXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
fice	R: 14	R: 15	R: 16	R: 17	R: 18	R: 19	R: 20
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1928.6	1965.3	2002.1	2038.6	2074.7	2111.1	2146.8
93	1891.7	1916.9	1943.4	1970.4	1998.0	2026.5	2055.6
94	1926.0	1961.2	1996.3	2031.7	2066.5	2101.7	2136.5
95	1904.0	1925.5	1948.6	1971.2	1993.6	2016.9	2040.8
125	1951.9	1952.2	1952.8	1953.3	1953.6	1954.2	1954.1
126	1913.5	1925.5	1936.0	1942.7	1947.3	1949.0	1947.7
128	2212.8	2197.0	2184.1	2170.3	2157.9	2145.7	2133.3
132	1883.0	1883.8	1887.5	1892.1	1898.8	1907.3	1917.5
201	2476.6	2451.6	2425.6	2394.0	2360.9	2322.9	2280.0
202	2523.7	2512.0	2498.8	2479.7	2458.5	2432.1	2400.6
203	2528.2	2531.8	2532.4	2526.3	2518.2	2504.8	2485.5
204	2476.5	2496.8	2513.2	2524.0	2530.6	2532.1	2528.0
205	2368.7	2404.6	2436.1	2463.3	2486.3	2504.6	2517.1
206	2256.7	2300.1	2339.8	2375.9	2408.6	2438.0	2462.9
207	2160.7	2206.0	2248.6	2288.7	2326.1	2361.2	2392.9
208	2097.6	2142.6	2185.3	2226.2	2264.9	2302.0	2336.4
209	2345.5	2356.5	2364.7	2367.0	2366.3	2359.8	2348.2
210	2406.9	2421.5	2433.2	2439.4	2441.2	2437.8	2429.1
211	2457.9	2476.2	2490.7	2499.8	2505.0	2505.0	2499.1
212	2462.7	2481.0	2495.7	2505.5	2511.8	2513.5	2509.4
213	2418.3	2432.7	2444.0	2450.9	2454.4	2453.8	2447.9
214	2350.8	2361.7	2369.8	2373.6	2374.5	2371.5	2363.4
215	2187.7	2155.2	2125.9	2094.5	2064.9	2034.6	2003.8
216	2055.9	2073.3	2086.0	2093.2	2098.2	2097.9	2093.9
217	2065.5	2082.1	2094.0	2100.9	2106.2	2108.4	2106.5
218	1928.5	1964.1	1999.7	2035.4	2070.7	2106.1	2141.0
219	1937.0	1946.4	1956.2	1962.5	1965.8	1967.6	1967.7
220	1936.9	1947.3	1956.7	1963.4	1967.1	1968.9	1970.4
221	1877.9	1883.2	1888.0	1891.1	1893.6	1894.0	1893.7
222	1880.4	1885.2	1890.5	1893.5	1895.8	1898.2	1897.3
223	1862.7	1866.9	1870.7	1873.2	1873.4	1872.6	1869.8
224	1867.6	1872.2	1876.6	1877.2	1881.4	1881.0	1879.1
225	2123.2	2099.6	2079.5	2058.4	2039.2	2020.2	2001.4
226	2281.6	2246.1	2212.9	2176.8	2141.5	2104.4	2065.6
227	2333.1	2298.2	2265.1	2228.3	2191.9	2152.2	2109.7
228	2403.7	2370.8	2338.6	2301.5	2263.9	2222.6	2177.8

Table XXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 14	R: 15	R: 16	R: 17	R: 18	R: 19	R: 20
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1989.6	2031.3	2072.1	2112.2	2150.9	2189.1	2226.0
230	1882.3	1899.6	1918.9	1939.0	1960.2	1982.7	2006.2
231	2185.7	2191.1	2194.5	2193.0	2189.9	2179.9	2167.2
232	2291.2	2299.2	2304.5	2304.3	2301.5	2292.6	2279.3
233	2288.7	2295.6	2300.1	2301.1	2299.1	2293.9	2284.2
234	2188.0	2192.5	2195.2	2195.5	2192.3	2186.4	2176.7
235	1921.7	1955.4	1971.3	1983.5	1994.6	1999.6	2000.5
236	1894.1	1919.0	1943.8	1964.7	1984.0	1999.7	2011.7
237	1875.8	1894.8	1914.7	1934.7	1955.8	1976.8	1997.7
238	1877.9	1893.7	1911.8	1930.8	1950.8	1971.4	1992.3
239	1882.0	1896.4	1913.1	1930.8	1949.8	1970.0	1991.4
240	1899.2	1905.1	1913.7	1923.1	1934.2	1946.8	1960.9
241	1858.3	1879.4	1897.7	1913.7	1927.8	1939.2	1947.8
242	1851.0	1840.6	1833.9	1827.8	1824.1	1821.8	1820.9
243	1428.6	1388.2	1353.9	1320.2	1291.2	1265.9	1248.3
244	2121.1	2100.7	2083.7	2066.1	2050.4	2035.1	2020.0
245	2112.6	2089.9	2070.9	2050.9	2033.0	2015.5	1998.1
246	1982.3	1985.7	1996.3	1995.9	1998.6	1996.9	1993.6
247	1937.0	1951.9	1963.9	1971.4	1980.6	1981.1	1977.9
248	1907.3	1915.4	1922.8	1927.5	1931.5	1932.8	1932.1
249	1913.7	1921.7	1928.9	1933.4	1937.4	1939.1	1938.5
250	1787.5	1803.8	1817.5	1827.6	1835.4	1840.0	1841.9
251	1816.9	1813.9	1812.0	1809.0	1805.5	1799.7	1794.6
252	199.9	204.5	207.7	220.0	210.5	220.4	228.7

Table XXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 21	R: 22	R: 23	R: 24	R: 25	R: 26	R: 27	R: 28	R: 29	R: 30	R: 31
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1922.8	1953.1	1984.6	2017.8	2049.9	2084.8	2116.0	2148.2	2179.4	2208.7	2240.2
3	2043.5	2059.6	2069.3	2073.5	2076.5	2078.1	2076.2	2069.2	2060.5	2044.2	2026.9
4	2039.3	2062.0	2075.5	2078.2	2082.6	2085.3	2081.8	2075.9	2064.9	2052.3	2037.8
5	2063.8	2070.9	2078.6	2083.4	2085.3	2083.1	2070.9	2061.4	2047.8	2034.0	2017.7
6	2053.5	2063.2	2075.0	2079.2	2081.0	2077.8	2070.7	2062.1	2044.5	2030.8	2015.8
7	2075.6	2078.6	2078.5	2076.6	2072.8	2068.1	2059.6	2049.4	2036.4	2021.0	2004.1
8	2070.9	2076.9	2080.2	2085.2	2082.5	2073.3	2063.9	2053.7	2039.8	2029.4	2014.8
9	2179.0	2152.5	2123.8	2096.0	2067.8	2039.9	2011.4	1986.8	1959.0	1934.5	1911.1
10	1900.9	1925.8	1952.0	1979.7	2007.2	2036.5	2065.5	2093.2	2122.4	2151.1	2180.3
11	2045.8	2051.4	2052.5	2053.6	2049.6	2045.4	2039.4	2021.8	2010.9	2001.9	1984.7
12	2040.8	2046.1	2049.4	2051.1	2049.3	2044.9	2033.8	2020.6	2004.3	1988.4	1971.7
13	2030.3	2035.4	2045.4	2047.5	2048.6	2048.3	2040.0	2024.8	2019.6	2010.9	1996.2
14	2033.9	2034.3	2043.8	2046.9	2047.5	2045.3	2037.7	2023.5	2015.1	2006.8	1992.8
15	2053.8	2054.2	2054.1	2055.1	2055.7	2056.4	2056.5	2056.8	2056.6	2057.2	2057.5
16	2019.1	2026.3	2031.2	2034.8	2034.7	2032.3	2025.7	2018.2	2006.8	1995.3	1982.5
17	2167.2	2144.0	2118.9	2095.1	2071.1	2048.5	2025.4	2005.5	1982.8	1963.6	1945.4
19	1965.2	1983.3	1987.6	1993.8	1995.1	1994.6	1993.2	1989.7	1983.0	1973.6	1961.7
20	1962.5	1977.9	1991.6	1997.9	2001.1	2002.4	2001.0	1997.4	1991.3	1982.2	1968.8
21	1962.3	1967.3	1973.8	1977.7	1980.3	1981.9	1980.7	1980.8	1972.0	1965.8	1958.9
22	1960.6	1965.7	1973.3	1977.8	1980.6	1981.9	1981.5	1979.4	1970.7	1964.4	1958.4
23	1919.4	1927.0	1932.5	1937.3	1940.1	1942.0	1941.1	1939.8	1935.5	1931.5	1925.7
24	1913.8	1922.2	1928.2	1933.1	1936.0	1937.8	1936.9	1935.3	1930.5	1925.6	1919.5
25	1905.7	1910.7	1916.4	1920.6	1922.5	1923.6	1922.6	1923.0	1917.0	1913.7	1908.5
26	1898.8	1905.9	1911.8	1916.3	1918.8	1920.2	1919.6	1918.4	1914.4	1910.6	1905.5
43	2018.5	2033.8	2045.9	2050.3	2054.8	2058.7	2060.7	2059.7	2052.0	2038.8	2028.6
44	2003.3	2020.6	2035.8	2040.7	2047.9	2052.8	2053.2	2049.7	2041.5	2032.0	2032.1
67	1897.1	1904.5	1910.2	1915.7	1917.1	1919.9	1919.1	1917.6	1912.4	1907.5	1901.0
68	1894.0	1901.9	1908.6	1914.4	1915.0	1919.6	1919.0	1917.4	1912.6	1907.3	1900.7
85	2068.6	2076.8	2080.9	2083.9	2084.5	2082.2	2075.4	2066.9	2053.2	2037.4	2018.9
86	2034.9	2056.4	2080.5	2101.8	2119.4	2133.6	2142.5	2147.6	2148.9	2147.2	2144.2
87	1963.8	1993.2	2023.0	2051.3	2077.0	2104.9	2124.2	2145.8	2159.1	2173.9	2185.9
88	1915.3	1938.0	1961.9	1986.1	2009.7	2034.3	2057.3	2076.7	2096.4	2115.6	2135.3
89	1884.8	1899.6	1915.3	1932.6	1949.8	1968.8	1987.8	2007.3	2027.7	2049.0	2070.9
90	1884.5	1898.6	1913.8	1930.4	1947.5	1967.2	1986.1	2004.8	2025.3	2046.7	2069.1
91	1890.1	1902.8	1916.6	1932.4	1948.7	1968.1	1986.2	2006.5	2027.8	2049.6	2073.3
921	2184.1	2154.7	2122.7	2091.3	2059.2	2028.3	1996.9	1968.7	1936.6	1908.0	1880.6

Table XXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 21	R: 22	R: 23	R: 24	R: 25	R: 26	R: 27	R: 28	R: 29	R: 30	R: 31
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1934.9	1969.5	2005.2	2041.6	2077.3	2113.7	2149.3	2181.7	2214.8	2247.0	2278.9
93	1896.3	1920.6	1946.1	1973.2	2000.1	2028.8	2057.6	2084.8	2113.7	2142.1	2171.2
94	1931.5	1964.8	1999.2	2034.4	2068.9	2104.3	2138.8	2170.8	2203.9	2235.7	2267.2
95	1907.3	1928.4	1950.7	1973.5	1995.4	2019.1	2042.0	2061.4	2082.1	2102.9	2123.8
125	1959.1	1959.5	1959.6	1960.8	1961.6	1962.4	1962.5	1962.7	1962.6	1963.1	1963.4
126	1912.3	1925.2	1935.9	1942.9	1946.5	1948.3	1945.8	1940.2	1929.7	1918.9	1907.9
128	2212.2	2199.0	2184.4	2171.5	2158.6	2146.3	2134.0	2124.0	2112.4	2103.1	2095.2
132	1884.1	1886.1	1888.9	1893.9	1899.9	1908.6	1918.5	1929.9	1942.7	1957.8	1974.5
201	2475.2	2453.4	2425.7	2395.4	2360.9	2322.7	2279.9	2238.6	2189.0	2139.4	2087.8
202	2524.2	2514.6	2499.7	2481.8	2459.3	2432.9	2401.6	2370.3	2331.8	2291.5	2249.1
203	2529.9	2533.7	2532.7	2528.6	2519.8	2506.3	2487.3	2466.7	2439.0	2408.7	2375.2
204	2481.3	2500.7	2515.7	2526.7	2532.9	2534.2	2530.6	2523.3	2510.1	2492.7	2471.6
205	2375.6	2409.2	2439.3	2466.5	2489.0	2507.2	2520.3	2528.0	2531.3	2530.1	2525.3
206	2264.2	2304.8	2343.3	2379.2	2411.7	2441.1	2466.2	2486.1	2503.3	2515.4	2524.6
207	2168.4	2210.9	2252.1	2291.9	2329.1	2364.5	2396.1	2422.9	2448.3	2469.7	2488.8
208	2105.2	2147.3	2188.8	2229.4	2267.9	2305.1	2339.5	2369.6	2399.1	2425.1	2449.1
209	2354.5	2363.5	2368.0	2370.6	2368.7	2364.0	2354.3	2342.9	2324.8	2303.5	2278.7
210	2415.4	2428.0	2436.5	2442.9	2443.6	2441.7	2434.7	2425.3	2409.5	2390.0	2366.7
211	2464.8	2481.5	2493.7	2503.1	2507.5	2508.2	2503.5	2495.5	2481.6	2463.2	2441.2
212	2464.7	2483.1	2497.2	2507.6	2513.6	2514.5	2509.9	2502.0	2488.4	2470.9	2450.2
213	2417.5	2433.2	2444.7	2452.4	2455.6	2453.8	2446.4	2436.0	2420.7	2401.6	2380.1
214	2347.9	2360.8	2369.8	2374.6	2375.1	2370.5	2360.4	2347.6	2329.8	2309.1	2286.3
215	2184.8	2156.3	2125.4	2095.1	2064.3	2034.2	2003.3	1975.9	1944.9	1917.3	1890.8
216	2065.0	2080.4	2089.9	2096.7	2100.2	2101.7	2098.5	2093.2	2081.9	2068.3	2051.2
217	2063.5	2080.9	2093.5	2101.3	2106.5	2107.6	2103.6	2096.6	2085.1	2071.4	2055.8
218	1934.7	1968.5	2003.2	2038.6	2073.1	2108.8	2143.4	2175.4	2208.6	2240.9	2272.2
219	1941.5	1950.8	1958.8	1965.6	1967.7	1970.2	1970.2	1968.2	1961.8	1955.2	1946.6
220	1936.6	1947.5	1956.9	1963.4	1967.0	1969.3	1969.7	1967.3	1961.1	1954.1	1945.5
221	1880.7	1886.4	1889.9	1893.7	1895.2	1896.0	1895.3	1893.8	1889.0	1884.7	1879.1
222	1855.8	1856.7	1857.3	1859.4	1861.6	1864.4	1866.2	1868.8	1871.1	1874.5	1877.1
223	1865.1	1869.9	1872.4	1875.4	1874.6	1874.4	1871.1	1867.8	1860.6	1854.1	1846.2
224	1867.6	1872.9	1876.5	1877.2	1880.9	1880.7	1878.3	1875.2	1868.8	1862.2	1854.5
225	2121.2	2100.9	2079.0	2058.7	2038.6	2019.8	2000.9	1985.1	1967.5	1953.0	1940.3
226	2278.0	2247.0	2212.2	2177.2	2140.5	2103.3	2064.4	2028.8	1987.9	1949.7	1911.6
227	2329.8	2299.2	2264.6	2229.0	2191.1	2151.1	2108.8	2070.4	2026.1	1983.8	1941.5
228	2400.9	2372.1	2338.2	2302.4	2263.3	2221.8	2177.2	2134.9	2085.5	2037.1	1987.7

Table XXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 21	R: 22	R: 23	R: 24	R: 25	R: 26	R: 27	R: 28	R: 29	R: 30	R: 31
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1996.5	2035.8	2075.5	2115.3	2153.6	2192.1	2228.8	2261.8	2295.0	2326.1	2356.4
230	1885.6	1902.7	1921.2	1941.5	1962.0	1984.8	2007.8	2030.6	2055.0	2080.1	2106.1
231	2194.3	2197.8	2197.7	2196.4	2191.8	2184.1	2172.9	2160.9	2142.7	2122.9	2100.1
232	2299.9	2306.1	2307.8	2307.7	2303.6	2296.7	2285.2	2272.4	2253.0	2231.0	2205.5
233	2284.8	2294.1	2299.7	2301.8	2299.3	2292.4	2280.6	2266.6	2247.9	2227.0	2204.5
234	2183.2	2190.6	2194.6	2195.8	2192.1	2184.5	2172.7	2159.1	2141.2	2121.9	2101.3
235	1927.6	1960.6	1974.6	1986.9	1996.6	2002.2	2003.1	2001.7	1994.3	1984.3	1970.1
236	1898.9	1923.4	1947.5	1968.3	1986.4	2002.1	2013.7	2023.0	2028.6	2032.4	2033.4
237	1878.6	1897.9	1917.5	1937.7	1958.1	1979.5	1999.5	2018.8	2040.5	2060.8	2080.8
238	1880.5	1896.6	1914.3	1933.5	1952.8	1973.9	1994.1	2015.9	2035.9	2059.2	2083.5
239	1884.7	1899.5	1915.4	1933.2	1951.5	1972.2	1993.0	2014.2	2036.8	2060.4	2085.0
240	1900.7	1907.6	1915.4	1925.3	1935.7	1948.7	1962.2	1977.0	1993.0	2010.8	2030.1
241	1861.4	1882.5	1900.4	1916.6	1929.8	1941.2	1949.0	1955.1	1957.2	1958.9	1958.0
242	1849.8	1841.7	1833.9	1828.6	1824.0	1822.0	1820.6	1821.2	1821.8	1825.0	1829.6
243	1421.3	1385.1	1349.3	1317.3	1286.3	1262.4	1241.9	1228.4	1211.9	1207.7	1207.5
244	2119.5	2102.0	2083.5	2066.6	2050.1	2035.1	2019.9	2007.7	1994.0	1983.3	1974.2
245	2110.6	2091.1	2070.4	2051.3	2032.4	2015.1	1997.7	1983.4	1967.2	1954.4	1943.2
246	1985.2	1991.1	1997.6	1999.1	2000.5	2000.0	1996.8	1990.6	1984.6	1975.3	1965.1
247	1942.5	1956.8	1966.7	1974.7	1982.3	1983.8	1980.6	1976.4	1966.1	1954.3	1939.3
248	1911.0	1918.8	1924.7	1930.1	1933.1	1935.0	1933.8	1932.2	1926.6	1921.9	1912.2
249	1912.9	1922.0	1928.9	1933.7	1937.1	1938.6	1937.6	1935.4	1930.2	1926.1	1911.3
250	1792.8	1807.8	1820.1	1830.8	1837.6	1842.8	1844.0	1843.4	1837.5	1831.3	1822.6
251	1817.7	1816.1	1813.2	1810.9	1806.4	1800.7	1795.0	1789.5	1779.9	1772.1	1763.3
252	197.3	209.1	201.2	213.1	213.3	223.4	221.6	225.8	230.6	232.5	232.9

Table XXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 504	R: 505	R: 506	R: 507	R: 508	R: 509	R: 510	R: 511	R: 512	R: 513	R: 514
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1910.8	1942.5	1975.1	2007.8	2041.1	2076.2	2109.0	2140.7	2173.9	2204.0	2234.8
3	2003.2	2020.5	2032.2	2035.8	2039.6	2041.9	2041.7	2031.6	2018.4	2005.7	1989.4
4	2063.6	2081.6	2102.2	2111.4	2112.1	2117.3	2113.2	2106.4	2095.7	2083.5	2069.0
5	2021.3	2030.6	2044.3	2046.5	2049.8	2045.8	2043.1	2026.2	2012.6	2000.5	1983.8
6	2084.5	2092.8	2100.1	2103.7	2106.5	2107.5	2100.8	2090.2	2072.7	2058.8	2043.6
7	2030.1	2036.1	2039.8	2037.1	2035.8	2028.8	2026.1	2014.4	2001.4	1988.1	1970.3
8	2104.0	2107.8	2110.8	2110.1	2109.0	2104.4	2092.9	2080.1	2064.9	2052.9	2038.2
9	2177.8	2149.9	2123.4	2093.2	2064.9	2034.8	2006.2	1979.6	1951.7	1929.2	1905.4
10	1890.7	1915.9	1942.8	1969.8	1998.3	2031.1	2060.2	2088.4	2118.4	2146.2	2175.2
11	2010.3	2016.4	2019.9	2020.3	2016.3	2015.8	2008.6	1989.0	1980.3	1968.9	1950.8
12	2066.0	2070.8	2074.5	2075.6	2075.4	2073.6	2062.8	2048.5	2031.8	2016.0	1999.7
13	1993.3	2000.4	2013.4	2014.9	2017.4	2015.6	2010.8	1993.8	1991.3	1981.1	1965.8
14	2053.6	2059.7	2065.5	2071.4	2073.0	2073.1	2065.6	2049.6	2038.1	2032.0	2018.1
15	1990.8	1998.3	2004.1	2001.0	2002.7	1999.4	1997.7	1989.3	1978.0	1968.0	1953.8
16	2048.0	2053.3	2057.9	2059.2	2059.4	2058.9	2050.7	2041.1	2028.7	2016.4	2003.0
17	2167.6	2143.2	2120.0	2093.8	2070.6	2045.2	2021.8	2000.1	1977.6	1959.9	1941.4
19	1933.4	1951.3	1960.7	1966.2	1968.2	1969.6	1969.6	1964.7	1956.9	1949.2	1936.8
20	1983.5	1997.3	2012.1	2018.4	2022.1	2025.5	2022.8	2018.4	2012.3	2003.5	1989.2
21	1935.4	1941.2	1949.3	1952.5	1956.0	1957.4	1960.5	1957.6	1949.3	1943.7	1936.9
22	1977.6	1983.0	1991.7	1995.0	1998.1	2001.2	1998.7	1997.0	1987.6	1981.5	1974.6
23	1896.6	1905.1	1912.5	1916.0	1919.6	1922.3	1924.0	1921.7	1916.9	1913.7	1907.3
24	1936.1	1943.5	1950.3	1953.4	1956.4	1959.0	1956.7	1953.9	1948.9	1944.0	1938.0
25	1884.3	1889.5	1897.7	1900.8	1903.4	1904.9	1906.8	1904.9	1899.6	1897.5	1891.9
26	1913.8	1919.6	1927.2	1930.6	1933.8	1936.3	1934.2	1932.5	1928.2	1924.0	1918.3
43	1986.5	2001.2	2014.2	2017.5	2022.2	2029.3	2034.9	2026.5	2012.3	2009.0	1993.7
44	2017.8	2038.7	2056.2	2068.4	2071.9	2081.1	2081.5	2078.9	2071.8	2062.9	2054.2
67	1877.9	1885.1	1892.1	1895.9	1897.1	1900.2	1901.1	1898.2	1892.3	1887.7	1880.1
68	1905.6	1913.9	1922.2	1927.4	1932.0	1936.6	1935.1	1933.3	1929.0	1924.2	1917.6
85	2022.3	2033.1	2040.8	2043.5	2045.5	2041.6	2036.0	2030.1	2014.9	2000.9	1982.0
86	2047.9	2075.9	2099.8	2122.1	2141.9	2162.6	2171.9	2178.2	2181.0	2180.2	2177.9
87	1942.0	1969.8	1997.5	2024.1	2053.0	2075.3	2097.5	2114.6	2129.5	2142.2	2152.1
88	1911.2	1936.2	1960.5	1986.3	2017.0	2050.4	2071.5	2079.9	2097.2	2119.2	2143.5
89	1882.1	1895.4	1910.4	1925.3	1942.4	1962.9	1981.2	1999.5	2019.5	2039.1	2059.9
90	1873.6	1889.0	1906.4	1923.5	1942.6	1965.5	1985.5	2006.0	2028.4	2047.7	2069.9
91	1883.5	1896.0	1910.6	1925.7	1943.0	1964.2	1983.4	2003.0	2024.7	2046.0	2068.8
921	2184.6	2154.2	2124.9	2091.3	2059.6	2025.2	1992.4	1961.6	1929.2	1902.8	1874.5

Table XXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 504	R: 505	R: 506	R: 507	R: 508	R: 509	R: 510	R: 511	R: 512	R: 513	R: 514
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1922.2	1958.0	1994.2	2030.3	2066.6	2106.8	2142.8	2176.8	2211.8	2242.6	2274.0
93	1886.8	1911.4	1937.7	1963.9	1991.9	2024.1	2052.8	2080.7	2110.3	2137.8	2166.5
94	1920.4	1954.7	1989.7	2024.6	2060.3	2100.5	2135.8	2169.3	2203.8	2234.4	2265.6
95	1902.2	1925.1	1947.9	1971.3	2001.9	2035.1	2056.2	2064.5	2081.9	2104.1	2128.5
125	1895.4	1908.4	1919.0	1926.0	1930.9	1934.9	1937.1	1932.8	1925.0	1917.7	1907.4
126	1945.5	1956.0	1964.9	1969.4	1972.7	1974.7	1970.1	1962.6	1952.3	1942.0	1930.1
128	2208.1	2194.3	2181.9	2167.3	2153.6	2141.7	2130.1	2119.2	2107.7	2099.4	2091.2
132	1880.3	1881.4	1885.1	1888.8	1895.4	1905.4	1915.4	1926.5	1939.8	1954.3	1970.5
201	2471.2	2449.7	2425.3	2393.4	2359.7	2318.2	2275.0	2230.9	2180.5	2134.4	2082.5
202	2517.2	2508.2	2495.8	2476.8	2455.5	2427.0	2396.0	2362.1	2322.6	2285.2	2242.6
203	2520.0	2525.2	2526.6	2522.0	2514.0	2500.3	2482.0	2459.5	2431.1	2403.2	2369.6
204	2467.7	2488.9	2505.9	2517.1	2524.5	2527.6	2525.1	2516.6	2502.8	2486.9	2465.8
205	2359.7	2395.3	2427.0	2454.5	2478.2	2500.0	2514.5	2522.2	2525.3	2524.3	2519.3
206	2245.7	2288.6	2328.4	2365.4	2399.3	2433.6	2460.5	2480.8	2498.0	2509.9	2518.7
207	2152.0	2196.3	2238.6	2279.0	2317.0	2357.1	2390.3	2418.1	2443.8	2464.3	2482.7
208	2089.8	2133.3	2175.3	2216.2	2255.8	2298.2	2334.2	2365.3	2395.4	2420.1	2443.6
209	2306.0	2318.1	2326.2	2328.6	2328.7	2320.9	2316.6	2303.8	2284.5	2265.6	2240.4
210	2371.0	2386.5	2398.0	2403.9	2406.6	2402.7	2400.3	2389.6	2372.5	2354.8	2331.2
211	2433.3	2452.6	2467.8	2477.6	2483.8	2484.2	2482.5	2473.4	2458.2	2441.3	2418.7
212	2467.9	2487.0	2502.6	2512.6	2519.3	2523.1	2518.3	2508.7	2494.6	2478.3	2457.3
213	2435.6	2451.0	2463.5	2470.7	2474.7	2476.8	2467.7	2455.5	2439.4	2421.6	2399.9
214	2377.6	2389.7	2399.0	2403.0	2404.0	2403.8	2391.0	2376.1	2357.5	2337.9	2314.6
215	2182.4	2153.1	2124.8	2092.4	2061.9	2028.9	1997.8	1968.6	1937.7	1912.5	1885.8
216	2022.0	2039.5	2051.7	2057.3	2061.8	2061.8	2063.8	2055.3	2042.2	2029.8	2011.5
217	2090.9	2107.1	2122.0	2130.8	2136.2	2141.9	2136.8	2129.2	2117.7	2104.8	2089.4
218	1917.7	1952.4	1987.5	2022.6	2058.5	2098.5	2134.3	2167.7	2201.9	2232.6	2263.2
219	1917.0	1926.8	1936.1	1941.4	1944.0	1947.4	1949.0	1945.4	1938.5	1932.2	1922.5
220	1951.5	1961.7	1972.0	1979.5	1983.9	1987.0	1988.2	1985.6	1979.4	1972.7	1964.3
221	1863.2	1868.6	1873.3	1875.3	1877.3	1878.7	1879.2	1876.3	1871.2	1867.3	1860.8
222	1891.7	1897.6	1903.4	1906.3	1909.3	1912.0	1911.1	1908.6	1904.5	1900.1	1894.3
223	1850.9	1854.8	1858.2	1857.0	1857.7	1856.7	1854.9	1849.6	1841.4	1835.0	1825.5
224	1875.9	1881.9	1887.6	1890.4	1894.4	1895.8	1892.9	1889.8	1884.4	1878.8	1871.2
225	2120.8	2099.4	2079.5	2057.0	2036.4	2016.3	1997.5	1980.2	1962.5	1949.4	1936.0
226	2281.2	2249.3	2217.4	2179.9	2143.5	2102.7	2062.0	2023.6	1982.4	1946.8	1908.4
227	2330.7	2299.2	2267.4	2229.8	2192.4	2150.3	2107.4	2065.5	2020.4	1980.8	1937.8
228	2400.4	2371.3	2340.4	2302.7	2264.5	2219.1	2172.7	2127.2	2077.1	2032.3	1982.8

Table XXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 504	R: 505	R: 506	R: 507	R: 508	R: 509	R: 510	R: 511	R: 512	R: 513	R: 514
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1981.9	2022.5	2062.7	2102.4	2141.6	2184.6	2222.4	2257.0	2291.6	2321.4	2351.0
230	1877.6	1894.8	1913.6	1933.0	1954.5	1980.1	2003.1	2026.3	2051.6	2075.9	2101.5
231	2142.4	2149.4	2153.0	2152.7	2150.0	2138.5	2133.3	2120.1	2101.3	2083.6	2060.8
232	2250.1	2259.4	2264.9	2264.9	2263.3	2252.4	2246.6	2232.2	2211.7	2192.0	2166.4
233	2319.4	2327.4	2333.2	2333.9	2332.1	2329.4	2314.6	2298.2	2278.7	2258.7	2235.7
234	2221.5	2226.7	2230.6	2229.5	2226.5	2222.9	2208.1	2191.7	2172.7	2153.9	2132.6
235	1913.5	1939.7	1953.5	1963.7	1971.7	1976.4	1978.1	1972.8	1962.1	1950.9	1933.5
236	1890.7	1912.9	1934.2	1951.1	1967.5	1982.1	1992.8	1998.5	2000.6	2001.8	1999.2
237	1876.5	1893.5	1911.2	1929.3	1948.5	1969.9	1988.5	2007.0	2026.6	2045.2	2063.9
238	1876.5	1891.8	1908.7	1925.6	1944.1	1966.8	1987.1	2007.3	2029.2	2050.5	2073.0
239	1878.3	1892.7	1909.2	1926.0	1945.1	1968.1	1988.9	2009.9	2032.8	2055.4	2079.5
240	1896.8	1902.8	1911.1	1919.4	1930.4	1945.0	1958.6	1972.9	1989.1	2006.2	2024.8
241	1866.8	1882.7	1896.5	1907.9	1918.2	1927.3	1933.2	1934.9	1933.5	1932.3	1927.4
242	1848.0	1838.7	1832.0	1824.9	1820.6	1818.2	1817.7	1817.3	1817.9	1821.4	1825.7
243	1427.0	1388.1	1354.0	1317.7	1287.7	1260.8	1240.0	1222.8	1207.9	1203.5	1199.0
244	2118.2	2099.5	2082.7	2063.6	2047.2	2031.2	2016.3	2002.7	1988.9	1979.3	1969.5
245	2110.3	2089.6	2070.6	2049.2	2030.2	2011.3	1994.0	1978.1	1961.9	1950.2	1938.3
246	1952.4	1956.2	1971.0	1969.6	1972.3	1971.7	1972.9	1965.0	1958.0	1951.2	1940.7
247	1919.6	1933.5	1943.7	1950.8	1956.9	1957.9	1957.0	1950.0	1938.0	1926.2	1909.3
248	1882.7	1902.2	1900.5	1905.7	1910.0	1913.7	1915.6	1913.6	1908.8	1905.0	1895.5
249	1932.9	1940.6	1947.9	1951.2	1954.5	1956.5	1953.7	1949.8	1943.6	1938.7	1923.7
250	1757.5	1775.8	1791.7	1803.4	1812.8	1821.0	1826.5	1826.3	1822.4	1818.1	1811.0
251	1808.0	1805.2	1803.4	1799.2	1794.5	1788.1	1783.2	1775.8	1765.6	1757.8	1748.0
252	191.5	204.9	207.4	219.6	211.2	216.9	226.3	221.8	237.1	237.2	237.2

Table XXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 493	R: 494	R: 495	R: 496	R: 497	R: 498	R: 499	R: 500	R: 501	R: 502	R: 503
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1919.7	1948.8	1983.9	2016.1	2048.8	2081.3	2113.9	2141.7	2172.4	2204.0	2231.6
3	2064.8	2078.8	2091.6	2097.5	2100.2	2103.4	2101.1	2095.3	2086.7	2075.5	2056.7
4	2019.7	2032.6	2046.8	2053.8	2051.5	2065.8	2057.7	2052.1	2040.9	2028.5	2006.7
5	2088.6	2094.3	2101.0	2108.1	2107.5	2107.4	2094.3	2086.2	2075.2	2063.2	2044.1
6	2024.9	2031.5	2043.2	2047.1	2048.6	2052.4	2048.5	2041.1	2026.1	2010.9	1989.4
7	2099.0	2100.5	2100.5	2099.2	2093.2	2091.2	2082.6	2072.1	2059.2	2045.2	2023.7
8	2041.1	2043.8	2048.6	2053.8	2051.5	2051.9	2044.2	2035.5	2021.8	2008.9	1991.9
9	2172.9	2144.0	2114.2	2087.7	2059.2	2039.0	2012.9	1989.6	1962.7	1938.3	1909.1
10	1898.2	1921.3	1950.3	1977.3	2005.3	2033.8	2062.4	2087.4	2117.2	2146.6	2172.1
11	2062.5	2070.1	2072.0	2074.8	2068.8	2067.9	2059.9	2047.9	2036.3	2029.6	2010.2
12	2016.4	2017.9	2022.0	2022.8	2020.4	2020.9	2013.1	2001.4	1984.3	1968.2	1944.9
13	2052.3	2056.4	2065.5	2069.4	2068.6	2070.2	2057.5	2049.1	2040.7	2037.5	2019.8
14	2002.0	2006.7	2016.3	2019.1	2019.4	2022.7	2019.2	2006.0	1998.6	1988.6	1968.1
15	2052.6	2055.9	2058.5	2057.9	2054.7	2053.2	2047.6	2039.8	2029.6	2019.1	2001.3
16	1992.0	1996.4	2003.0	2005.8	2006.3	2010.0	2006.9	2000.5	1989.7	1978.5	1959.4
17	2162.3	2137.1	2110.9	2088.5	2064.7	2048.8	2027.6	2008.6	1986.6	1967.0	1943.0
19	1981.3	1999.3	2003.9	2010.4	2011.4	2012.7	2011.4	2008.4	2003.6	1995.5	1979.6
20	1942.2	1957.1	1970.8	1976.6	1979.6	1985.8	1986.6	1983.6	1977.0	1968.8	1950.6
21	1976.6	1980.9	1988.2	1993.0	1994.8	1997.8	1998.6	1997.5	1991.3	1985.0	1973.1
22	1942.8	1944.4	1953.4	1957.7	1960.5	1966.1	1968.2	1966.3	1956.9	1951.3	1939.7
23	1934.6	1941.0	1947.6	1952.9	1955.3	1958.4	1958.6	1957.8	1955.0	1950.8	1940.3
24	1904.3	1910.3	1916.9	1920.2	1922.6	1928.4	1930.2	1927.4	1922.8	1918.9	1908.9
25	1919.4	1923.6	1929.8	1934.1	1935.5	1938.2	1938.7	1938.1	1934.0	1930.4	1920.3
26	1884.4	1889.2	1896.2	1900.6	1903.4	1908.9	1910.5	1909.9	1904.1	1900.6	1890.5
43	2034.6	2047.8	2063.7	2070.5	2075.7	2081.3	2083.8	2086.9	2076.4	2068.2	2054.1
44	1983.6	1996.6	2011.9	2014.4	2026.3	2035.2	2031.1	2027.2	2018.0	2010.9	2003.7
67	1906.5	1913.0	1920.2	1926.5	1929.4	1932.8	1933.9	1932.3	1929.7	1925.0	1913.6
68	1883.2	1888.3	1895.9	1900.6	1901.6	1909.3	1909.9	1907.5	1902.4	1897.1	1884.7
85	2095.0	2102.3	2107.5	2111.1	2110.1	2109.8	2103.7	2094.6	2082.9	2069.1	2048.3
86	2013.3	2033.7	2055.3	2073.6	2093.6	2110.2	2116.5	2120.8	2121.2	2120.1	2109.8
87	1969.8	2001.7	2033.2	2063.0	2090.2	2115.5	2139.2	2156.8	2176.8	2193.6	2204.2
88	1910.8	1929.8	1955.6	1978.4	2000.4	2022.9	2044.4	2062.0	2082.2	2102.1	2116.6
89	1879.9	1893.8	1912.6	1930.5	1949.1	1969.4	1989.1	2006.7	2028.6	2051.0	2069.2
90	1884.6	1896.1	1912.2	1928.0	1944.7	1963.7	1981.9	1998.1	2018.0	2038.7	2055.7
91	1887.4	1898.3	1914.2	1930.2	1947.1	1966.4	1985.3	2002.4	2023.9	2046.5	2065.3
921	2178.8	2146.3	2112.9	2083.5	2051.4	2028.4	1999.2	1972.9	1942.3	1914.1	1880.7

Table XXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 493	R: 494	R: 495	R: 496	R: 497	R: 498	R: 499	R: 500	R: 501	R: 502	R: 503
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1931.0	1963.7	2002.9	2038.2	2074.2	2109.0	2144.0	2173.7	2208.0	2241.4	2270.3
93	1893.9	1916.3	1944.6	1971.0	1998.4	2026.5	2054.7	2079.4	2108.8	2137.7	2163.0
94	1929.6	1960.6	1997.9	2031.7	2066.1	2099.6	2133.3	2162.0	2195.4	2228.2	2256.3
95	1903.3	1921.0	1945.2	1966.9	1988.2	2010.4	2031.7	2049.5	2070.3	2091.2	2107.1
125	1949.6	1957.6	1965.0	1971.0	1972.0	1974.4	1972.6	1967.2	1959.7	1950.2	1933.4
126	1899.4	1909.2	1921.6	1929.2	1933.1	1940.8	1942.3	1938.4	1930.7	1922.6	1906.9
128	2209.7	2193.5	2179.2	2167.0	2153.6	2147.1	2136.3	2126.6	2115.6	2107.3	2095.1
132	1881.9	1882.1	1886.0	1891.6	1897.9	1908.6	1918.6	1928.0	1941.1	1955.9	1967.5
201	2470.0	2445.6	2416.8	2387.5	2352.1	2323.7	2283.9	2245.5	2197.2	2149.8	2094.5
202	2518.8	2506.3	2491.1	2473.7	2450.1	2432.1	2403.3	2374.3	2336.5	2299.1	2253.7
203	2524.8	2525.4	2525.1	2520.9	2510.8	2503.8	2487.1	2468.2	2441.6	2414.6	2379.0
204	2476.5	2492.7	2509.5	2520.0	2524.9	2530.8	2528.9	2522.4	2510.2	2496.3	2473.8
205	2370.7	2401.0	2434.2	2460.2	2481.7	2502.4	2516.5	2524.1	2528.8	2530.9	2524.6
206	2258.7	2296.5	2338.9	2373.8	2405.8	2435.6	2461.5	2480.0	2498.3	2513.5	2521.4
207	2164.5	2204.0	2249.4	2287.8	2324.5	2359.0	2390.9	2415.7	2442.4	2466.3	2483.4
208	2102.1	2141.5	2186.7	2225.7	2263.8	2299.9	2334.5	2362.0	2392.7	2420.9	2442.9
209	2377.7	2385.2	2391.0	2393.7	2390.1	2388.8	2379.3	2367.6	2351.8	2334.4	2309.4
210	2431.0	2441.7	2451.5	2457.2	2456.8	2458.4	2451.6	2442.0	2427.8	2412.2	2388.5
211	2469.9	2484.5	2498.5	2507.7	2511.3	2516.0	2512.2	2504.4	2491.7	2477.2	2454.0
212	2447.7	2462.3	2478.4	2488.2	2493.2	2499.6	2497.7	2490.8	2477.9	2463.2	2439.6
213	2390.6	2402.0	2415.0	2421.8	2424.5	2429.0	2425.2	2416.7	2401.2	2384.3	2358.4
214	2314.4	2322.8	2333.0	2337.1	2337.2	2339.8	2333.8	2323.2	2305.2	2286.0	2257.6
215	2183.4	2152.6	2120.2	2091.4	2060.1	2037.3	2008.0	1982.0	1951.8	1924.1	1891.3
216	2088.6	2102.5	2114.7	2122.6	2125.6	2129.0	2126.8	2121.1	2112.6	2101.5	2082.8
217	2036.3	2048.6	2061.8	2069.8	2073.1	2079.8	2078.5	2072.5	2060.4	2047.0	2024.3
218	1928.4	1960.7	2002.4	2037.0	2072.1	2106.4	2141.0	2170.4	2205.0	2238.5	2266.9
219	1955.3	1963.8	1973.1	1980.4	1982.9	1986.9	1989.0	1986.4	1982.4	1976.6	1963.6
220	1920.8	1928.1	1938.6	1943.1	1947.0	1953.7	1955.1	1952.6	1946.2	1940.0	1925.5
221	1891.2	1896.1	1900.7	1905.3	1906.8	1909.1	1910.5	1908.6	1905.9	1901.9	1891.0
222	1868.3	1871.5	1876.8	1879.9	1881.3	1887.9	1887.4	1885.0	1880.2	1875.9	1864.3
223	1874.0	1878.3	1882.6	1886.7	1886.7	1889.0	1887.7	1884.8	1880.3	1874.1	1861.0
224	1857.9	1860.0	1863.7	1864.5	1866.5	1870.1	1868.6	1864.4	1857.4	1850.4	1836.2
225	2117.3	2094.4	2072.5	2053.3	2032.9	2020.2	2003.0	1987.9	1970.8	1956.7	1938.0
226	2272.2	2238.7	2202.3	2168.9	2132.1	2103.9	2067.8	2034.4	1994.0	1956.1	1912.5
227	2324.6	2291.5	2255.3	2221.4	2183.1	2153.3	2113.4	2077.1	2033.5	1992.2	1944.6
228	2395.4	2363.8	2328.4	2294.1	2254.6	2223.0	2180.4	2141.1	2092.7	2046.0	1992.2

Table XXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 493	R: 494	R: 495	R: 496	R: 497	R: 498	R: 499	R: 500	R: 501	R: 502	R: 503
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1993.2	2030.3	2073.6	2112.1	2150.4	2187.1	2223.5	2253.6	2288.2	2321.1	2348.8
230	1882.7	1897.9	1918.6	1938.6	1959.7	1982.5	2005.2	2025.5	2050.5	2076.1	2097.8
231	2223.5	2225.8	2225.9	2225.0	2217.9	2213.8	2202.3	2189.6	2173.7	2156.5	2132.2
232	2325.8	2330.5	2333.1	2333.4	2327.4	2324.0	2312.6	2299.4	2282.1	2263.6	2237.6
233	2250.5	2255.5	2262.1	2264.0	2261.1	2261.6	2254.1	2242.3	2223.4	2203.4	2174.5
234	2147.5	2150.8	2155.9	2157.2	2153.6	2153.4	2146.0	2134.8	2116.7	2098.2	2070.6
235	1932.9	1962.0	1984.3	1998.3	2009.4	2019.1	2022.5	2022.6	2019.2	2011.6	1995.6
236	1894.4	1920.2	1949.1	1972.7	1992.9	2011.9	2026.6	2037.1	2047.3	2053.8	2052.5
237	1871.7	1890.9	1914.8	1936.2	1957.9	1980.9	2002.6	2021.2	2043.6	2066.1	2082.0
238	1875.5	1891.0	1911.4	1931.1	1951.7	1973.7	1994.5	2013.6	2037.5	2061.7	2081.3
239	1882.1	1895.2	1913.6	1931.5	1950.3	1971.2	1992.0	2010.6	2034.0	2058.2	2078.4
240	1898.3	1903.5	1912.9	1923.1	1934.1	1948.6	1962.4	1975.0	1991.7	2009.8	2024.3
241	1849.3	1871.6	1896.3	1915.3	1932.1	1947.9	1959.0	1967.0	1974.7	1979.1	1975.6
242	1846.3	1836.2	1829.3	1825.0	1820.8	1822.6	1822.7	1822.5	1823.6	1826.5	1825.2
243	1416.9	1380.7	1344.5	1315.7	1288.3	1269.6	1252.9	1237.0	1223.8	1210.6	1193.4
244	2115.1	2095.2	2076.4	2060.8	2044.2	2034.9	2021.5	2009.5	1996.4	1985.8	1971.2
245	2106.3	2084.4	2063.5	2045.6	2026.7	2015.3	1999.7	1985.8	1970.3	1957.5	1940.6
246	2004.3	2012.5	2017.1	2017.8	2017.6	2019.1	2016.3	2010.2	2004.4	1996.7	1982.1
247	1953.2	1966.9	1979.8	1987.0	1997.6	2001.3	2000.5	1996.3	1989.4	1979.3	1960.9
248	1927.9	1934.1	1940.3	1945.6	1947.4	1950.0	1949.6	1946.9	1942.9	1937.6	1922.3
249	1894.3	1901.4	1910.1	1915.6	1919.7	1926.2	1927.6	1925.8	1921.0	1917.2	1900.0
250	1813.7	1826.9	1839.1	1848.6	1853.4	1858.1	1859.3	1857.0	1852.1	1844.6	1829.3
251	1824.6	1822.0	1820.2	1818.9	1814.8	1811.9	1808.3	1803.0	1796.2	1787.9	1772.9
252	192.6	202.4	208.5	219.0	219.4	217.7	225.8	227.2	233.0	236.5	234.4

Table XXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 519	R: 520	R: 521	R: 522	R: 523	R: 524	R: 525	R: 526	R: 527
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1931.8	1964.8	1997.7	2030.4	2064.3	2097.1	2132.5	2164.8	2196.6
3	1970.7	1979.8	1981.5	1984.8	1982.7	1972.3	1961.1	1948.9	1932.2
4	2136.6	2152.0	2170.2	2178.5	2177.9	2177.8	2176.2	2165.6	2156.0
5	1983.4	1989.2	1990.9	1993.3	1988.0	1981.3	1962.1	1951.3	1936.9
6	2155.5	2161.5	2166.0	2171.0	2170.0	2163.7	2156.0	2137.7	2124.6
7	1979.3	1983.1	1980.3	1979.0	1973.6	1965.9	1955.6	1944.8	1933.0
8	2171.5	2172.5	2172.1	2168.6	2163.2	2152.9	2141.7	2124.4	2113.3
9	2137.4	2109.2	2079.7	2050.0	2020.1	1991.7	1965.1	1942.3	1919.2
10	1912.1	1939.0	1965.9	1993.1	2021.9	2050.3	2081.6	2110.7	2139.9
11	1971.9	1973.9	1974.6	1971.3	1963.3	1944.8	1935.6	1924.3	1908.4
12	2124.6	2128.7	2131.1	2131.8	2129.9	2123.1	2113.4	2096.1	2080.4
13	1962.9	1967.2	1969.2	1969.4	1964.3	1957.6	1943.9	1939.4	1926.1
14	2115.6	2120.1	2128.1	2128.7	2127.7	2122.5	2110.6	2096.7	2085.5
15	1945.8	1956.4	1953.9	1954.8	1952.1	1947.3	1938.9	1930.8	1919.4
16	2112.4	2115.1	2116.6	2115.7	2112.9	2106.2	2098.3	2083.7	2069.8
17	2135.1	2110.3	2081.4	2060.3	2037.9	2013.5	1990.6	1969.9	1950.4
19	1918.2	1926.8	1931.6	1933.0	1933.0	1928.0	1922.9	1916.3	1906.7
20	2048.1	2057.5	2065.9	2069.5	2071.5	2070.5	2069.1	2061.6	2054.8
21	1912.3	1920.3	1923.3	1924.9	1925.8	1925.3	1921.4	1915.8	1908.6
22	2026.9	2034.2	2038.9	2041.5	2043.1	2041.3	2043.3	2032.6	2026.7
23	1881.6	1888.0	1891.2	1893.6	1894.9	1894.7	1891.5	1887.8	1882.7
24	1984.6	1990.2	1994.4	1996.8	1998.3	1996.5	1996.8	1990.7	1985.8
25	1869.0	1876.3	1879.4	1881.1	1881.0	1880.8	1878.6	1875.0	1871.2
26	1958.7	1965.0	1969.0	1971.6	1972.8	1971.4	1972.1	1966.6	1961.7
43	1963.9	1972.5	1977.1	1976.8	1978.9	1974.1	1960.7	1955.6	1941.0
44	2076.7	2101.8	2118.6	2125.5	2134.8	2139.9	2143.9	2138.5	2132.9
67	1870.0	1875.0	1876.7	1875.9	1876.2	1873.6	1869.5	1863.7	1856.3
68	1947.2	1955.8	1962.7	1968.0	1971.4	1972.9	1974.2	1970.1	1966.1
85	1969.1	1979.2	1979.8	1981.9	1970.8	1968.0	1959.7	1947.1	1930.9
86	2116.6	2146.1	2172.3	2194.9	2215.3	2229.9	2243.7	2247.7	2252.2
87	1948.6	1973.4	1994.8	2010.4	2028.2	2043.4	2056.6	2068.0	2076.1
88	1943.1	1978.1	2013.5	2044.5	2070.3	2068.8	2077.0	2093.3	2117.3
89	1896.7	1909.4	1922.5	1936.4	1952.0	1967.6	1985.8	2003.2	2021.6
90	1882.4	1901.6	1921.1	1941.1	1962.7	1984.4	2009.0	2031.9	2056.2
91	1894.2	1908.7	1924.0	1940.4	1958.6	1977.3	1999.1	2019.9	2042.4
921	2143.4	2111.8	2078.7	2045.0	2010.8	1977.3	1944.6	1914.7	1886.1

Table XXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 519	R: 520	R: 521	R: 522	R: 523	R: 524	R: 525	R: 526	R: 527
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1953.2	1989.8	2025.8	2061.2	2097.5	2132.4	2169.6	2203.0	2235.5
93	1907.5	1933.7	1960.0	1986.7	2015.0	2043.0	2073.9	2102.6	2131.4
94	1952.2	1988.2	2023.8	2058.8	2095.0	2130.0	2167.3	2200.8	2233.7
95	1930.0	1962.9	1998.2	2029.1	2054.8	2053.3	2061.6	2078.0	2102.0
125	1870.6	1883.3	1892.6	1898.8	1903.2	1904.5	1903.5	1898.8	1892.6
126	2007.4	2012.5	2016.7	2017.7	2016.3	2009.1	2001.9	1988.3	1975.3
128	2180.3	2168.2	2153.2	2140.0	2126.9	2114.6	2104.0	2094.2	2086.1
132	1880.4	1883.6	1887.7	1893.4	1901.6	1910.9	1923.6	1936.1	1950.8
201	2432.5	2406.8	2375.1	2339.8	2299.7	2257.1	2210.4	2164.7	2117.4
202	2490.4	2477.2	2457.9	2434.4	2406.7	2375.6	2340.4	2304.8	2267.3
203	2508.5	2509.3	2504.1	2494.3	2480.4	2461.7	2438.7	2413.5	2386.0
204	2473.6	2490.2	2500.9	2506.5	2508.2	2504.5	2496.8	2484.8	2469.8
205	2382.5	2414.1	2440.6	2462.6	2481.3	2494.4	2503.9	2507.8	2508.4
206	2278.6	2318.6	2354.7	2386.9	2417.3	2442.3	2465.2	2482.0	2495.7
207	2188.0	2230.6	2270.2	2307.0	2342.6	2374.1	2404.7	2429.6	2451.9
208	2126.3	2168.8	2209.3	2247.4	2285.0	2319.3	2353.6	2382.4	2409.1
209	2246.2	2253.3	2254.4	2251.7	2244.7	2235.2	2220.3	2205.0	2184.1
210	2323.6	2334.3	2338.4	2338.5	2335.4	2328.4	2316.2	2302.7	2284.0
211	2410.7	2425.3	2433.5	2437.3	2437.5	2432.9	2423.3	2411.0	2394.0
212	2498.5	2513.6	2523.7	2528.9	2530.0	2526.0	2518.1	2505.1	2490.4
213	2486.1	2498.2	2506.2	2509.4	2508.9	2502.0	2492.3	2476.7	2460.7
214	2443.3	2452.3	2457.6	2458.3	2455.0	2445.3	2432.9	2414.3	2396.5
215	2133.6	2104.2	2073.4	2043.4	2012.6	1982.4	1952.5	1925.1	1898.6
216	1984.4	1994.1	1997.3	1998.5	1998.5	1991.4	1980.5	1968.9	1952.3
217	2166.2	2180.6	2193.3	2201.3	2204.8	2203.8	2200.9	2189.3	2179.1
218	1946.2	1980.9	2015.1	2049.8	2084.5	2117.9	2153.3	2185.3	2216.9
219	1902.4	1910.0	1912.6	1914.7	1914.1	1912.0	1907.6	1900.6	1891.8
220	2002.6	2012.8	2021.6	2027.1	2031.2	2033.6	2033.8	2027.5	2021.7
221	1853.4	1856.9	1858.1	1857.9	1857.0	1854.3	1850.8	1845.8	1839.5
222	1931.6	1937.1	1941.9	1945.0	1947.1	1947.7	1947.7	1943.2	1939.2
223	1842.9	1843.4	1840.0	1838.3	1834.2	1828.2	1820.8	1812.1	1801.8
224	1911.5	1918.1	1923.8	1926.7	1930.6	1930.4	1931.0	1926.5	1922.1
225	2090.3	2069.1	2047.9	2026.8	2006.2	1986.8	1969.1	1953.2	1938.9
226	2238.4	2204.8	2168.6	2131.3	2091.9	2052.3	2012.0	1974.5	1937.4
227	2285.8	2252.4	2215.4	2176.6	2135.1	2093.0	2049.5	2007.4	1967.3
228	2357.1	2324.9	2288.0	2248.1	2204.4	2159.4	2111.7	2065.4	2019.0

Table XXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 519	R: 520	R: 521	R: 522	R: 523	R: 524	R: 525	R: 526	R: 527
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2016.8	2057.6	2097.2	2135.3	2173.8	2210.3	2248.0	2281.2	2312.8
230	1892.5	1911.5	1931.7	1952.4	1975.0	1997.6	2023.4	2047.4	2072.7
231	2075.4	2078.7	2078.6	2073.8	2063.9	2053.7	2038.9	2026.6	2004.6
232	2186.8	2191.3	2191.0	2186.6	2176.6	2165.7	2149.2	2132.6	2110.8
233	2389.5	2394.7	2396.9	2394.9	2389.3	2377.7	2364.1	2343.9	2325.6
234	2296.6	2299.1	2299.4	2295.9	2289.6	2277.3	2263.7	2243.2	2225.2
235	1921.6	1931.4	1936.6	1937.7	1935.2	1928.8	1917.1	1902.7	1883.7
236	1910.3	1924.3	1934.8	1942.1	1947.3	1949.3	1948.0	1944.9	1938.6
237	1895.4	1909.9	1924.2	1938.5	1953.8	1968.6	1984.9	2000.4	2015.8
238	1892.3	1907.0	1922.2	1938.1	1955.6	1973.0	1992.9	2012.0	2032.0
239	1890.2	1906.2	1923.0	1940.9	1960.7	1980.8	2003.8	2025.9	2049.4
240	1902.0	1909.5	1917.8	1927.5	1939.4	1951.8	1967.4	1982.7	1999.8
241	1890.7	1897.4	1901.0	1902.2	1901.4	1898.2	1892.1	1885.0	1874.8
242	1833.6	1826.2	1819.8	1814.7	1812.4	1810.9	1811.9	1812.2	1814.1
243	1386.5	1349.6	1316.0	1285.3	1258.9	1234.9	1215.5	1201.6	1189.7
244	2091.4	2073.1	2054.6	2036.7	2020.1	2004.6	1990.7	1978.4	1967.8
245	2081.6	2061.5	2040.5	2020.5	2001.4	1983.4	1967.2	1952.7	1939.8
246	1918.5	1923.2	1930.9	1933.1	1932.9	1930.4	1923.0	1917.8	1909.8
247	1911.2	1918.1	1923.1	1923.4	1920.4	1914.3	1904.2	1891.0	1874.7
248	1862.3	1871.5	1878.0	1882.4	1886.0	1886.7	1886.1	1883.6	1879.2
249	1986.4	1991.6	1994.5	1995.8	1995.5	1992.2	1988.6	1980.3	1973.8
250	1738.3	1756.8	1771.7	1783.9	1793.5	1799.3	1802.8	1802.4	1799.9
251	1800.3	1797.6	1792.0	1784.3	1776.8	1768.8	1759.8	1749.4	1738.2
252	200.9	203.8	215.4	215.5	215.9	223.9	222.7	226.4	238.4

Table XXX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 1	R: 2	R: 3	R: 4	R: 5	R: 6	R: 7	R: 8	R: 9	R: 10	R: 11	R: 12	R: 13
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2041.6	2043.1	2048.8	2050.4	2051.0	2051.0	2050.9	2050.0	2049.2	2048.4	2044.2	2035.6	2027.9
3	2162.3	2132.7	2118.8	2102.8	2090.0	2083.6	2075.1	2068.4	2062.7	2050.0	2034.9	2019.5	1992.2
4	1993.6	2024.4	2038.6	2053.3	2068.1	2075.6	2081.7	2088.3	2095.2	2107.3	2122.9	2136.8	2167.3
5	2168.9	2140.0	2126.1	2110.4	2098.1	2092.1	2083.6	2077.1	2071.7	2059.5	2045.1	2030.3	2001.4
6	1993.7	2024.1	2037.9	2052.0	2067.2	2073.8	2080.0	2086.4	2091.6	2101.9	2118.0	2132.3	2164.2
7	2157.7	2128.2	2113.9	2098.0	2085.8	2080.3	2071.4	2065.1	2059.5	2047.2	2033.3	2017.8	1989.8
8	1997.5	2026.9	2040.4	2054.2	2069.1	2075.6	2081.3	2087.9	2094.6	2104.9	2119.0	2133.6	2163.6
9	2052.4	2062.0	2064.4	2064.5	2065.7	2066.7	2065.7	2066.9	2068.2	2066.7	2067.3	2064.5	2054.5
10	2002.5	2005.4	2006.2	2006.3	2007.4	2007.3	2007.0	2006.4	2005.5	2004.5	2002.3	1997.8	1991.4
11	2124.4	2097.5	2084.9	2070.8	2059.7	2054.5	2046.7	2041.0	2036.3	2025.4	2013.0	1999.4	1980.0
12	1971.5	1998.4	2010.7	2023.2	2036.8	2042.9	2048.3	2054.5	2060.8	2071.6	2086.0	2099.7	2127.6
13	2123.5	2097.0	2084.6	2070.6	2059.8	2054.6	2046.9	2041.3	2036.6	2025.9	2013.6	2000.4	1975.9
14	1972.6	1998.3	2010.1	2022.0	2035.3	2041.2	2046.6	2052.6	2058.8	2069.6	2083.6	2097.2	2124.4
15	2033.3	2034.6	2035.7	2036.1	2037.2	2037.7	2038.1	2038.6	2039.5	2039.1	2039.4	2039.5	2039.4
16	1960.4	1985.7	1997.5	2009.5	2022.7	2028.7	2033.8	2039.7	2045.9	2056.8	2071.1	2084.7	2112.3
17	2055.0	2066.0	2068.7	2069.6	2069.7	2070.3	2069.4	2070.5	2071.9	2070.4	2069.6	2062.6	2061.0
19	2058.8	2035.9	2025.2	2013.3	2004.4	2000.2	1993.6	1989.1	1985.1	1976.2	1966.4	1955.6	1937.1
20	1942.9	1962.4	1971.4	1980.5	1991.2	1996.0	2000.3	2005.1	2009.9	2018.5	2030.1	2041.3	2064.7
21	2037.5	2016.8	2007.3	1996.5	1988.7	1985.0	1978.9	1974.9	1971.6	1963.8	1955.1	1945.7	1929.2
22	1930.5	1947.0	1954.7	1962.4	1971.7	1976.1	1979.8	1984.1	1988.4	1996.0	2006.5	2016.6	2038.0
23	1993.2	1973.8	1965.0	1955.0	1948.0	1944.6	1939.3	1935.7	1932.5	1925.6	1918.2	1909.7	1895.9
24	1891.4	1905.8	1912.6	1919.4	1927.8	1931.8	1935.0	1939.0	1942.7	1949.5	1959.2	1968.4	1988.5
25	1970.7	1953.0	1944.8	1935.6	1929.4	1926.4	1921.4	1918.2	1915.4	1909.1	1902.7	1895.1	1883.0
26	1879.6	1892.1	1898.1	1904.1	1911.7	1915.3	1918.2	1921.7	1925.2	1931.3	1940.2	1948.8	1967.4
43	2129.4	2103.6	2091.4	2077.3	2066.2	2060.8	2053.1	2047.3	2042.2	2031.1	2019.8	2009.6	1983.1
44	1970.6	1997.5	2009.8	2022.1	2035.4	2041.4	2047.1	2053.2	2058.9	2069.5	2082.8	2095.5	2120.7
67	1964.7	1947.5	1939.8	1930.9	1924.4	1921.3	1915.9	1912.6	1910.0	1903.6	1897.4	1890.1	1878.8
68	1878.9	1890.6	1895.9	1901.0	1907.8	1911.5	1914.1	1918.1	1922.6	1929.1	1937.6	1945.5	1963.5
85	2177.4	2145.2	2129.7	2112.4	2098.7	2092.2	2082.8	2075.4	2069.0	2055.2	2039.4	2022.0	1990.0
86	2033.0	2064.0	2078.0	2091.8	2106.2	2112.5	2118.9	2124.9	2130.4	2141.5	2154.2	2166.0	2189.7
87	2122.5	2107.4	2100.2	2091.7	2084.6	2080.9	2076.1	2072.0	2068.9	2062.8	2052.1	2039.5	2016.7
88	1978.7	1990.7	1995.9	2000.3	2005.5	2007.6	2009.5	2011.3	2013.5	2019.6	2025.3	2029.9	2039.2
89	1946.8	1949.1	1949.8	1949.6	1950.4	1950.2	1949.4	1948.8	1948.0	1946.6	1944.7	1941.3	1935.8
90	1937.7	1942.9	1944.8	1945.7	1947.3	1947.6	1947.3	1947.3	1947.3	1947.1	1946.0	1943.9	1940.1
91	1943.6	1946.8	1947.9	1948.2	1949.1	1949.3	1948.7	1948.3	1948.2	1947.4	1946.1	1943.8	1939.8
921	2044.4	2055.6	2057.8	2056.9	2057.2	2058.0	2057.1	2059.2	2061.8	2060.7	2061.8	2060.0	2048.9

Table XXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 1	R: 2	R: 3	R: 4	R: 5	R: 6	R: 7	R: 8	R: 9	R: 10	R: 11	R: 12	R: 13
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2069.4	2072.4	2074.3	2075.4	2077.0	2077.1	2077.1	2076.4	2075.1	2074.4	2070.4	2065.7	2058.4
93	1994.8	1997.5	1998.5	1998.9	2000.3	2000.2	2000.0	1999.4	1998.4	1997.5	1995.2	1991.0	1985.2
94	2059.4	2064.6	2066.5	2067.3	2067.9	2068.3	2068.7	2068.3	2067.5	2067.2	2065.1	2061.7	2056.0
95	1970.2	1980.4	1984.8	1988.4	1992.7	1994.2	1995.2	1996.3	1998.3	2004.3	2010.1	2014.6	2023.8
125	1939.4	1940.6	1941.9	1942.4	1943.5	1944.3	1944.9	1945.6	1946.4	1946.2	1946.7	1946.9	1947.2
126	1895.2	1912.1	1920.0	1928.1	1938.0	1942.5	1946.2	1950.4	1954.9	1963.1	1974.5	1985.4	2007.5
128	2148.2	2154.8	2156.5	2156.4	2157.0	2157.5	2156.5	2156.8	2157.5	2156.1	2154.5	2149.5	2142.6
132	1895.3	1898.1	1898.9	1898.9	1900.1	1900.3	1899.4	1899.5	1899.4	1898.6	1898.2	1896.3	1893.3
201	2341.7	2353.9	2356.8	2356.9	2358.7	2359.1	2357.4	2358.2	2360.1	2357.3	2357.2	2354.2	2346.1
202	2440.2	2452.0	2455.0	2455.3	2457.3	2457.5	2456.0	2456.4	2457.7	2454.9	2454.0	2450.2	2440.6
203	2500.8	2514.5	2516.1	2515.5	2517.3	2517.7	2516.4	2516.4	2517.3	2514.9	2513.5	2509.2	2499.1
204	2517.2	2526.3	2528.8	2529.3	2531.1	2531.2	2530.1	2529.7	2530.0	2527.8	2525.6	2520.5	2509.6
205	2474.1	2482.1	2484.8	2485.6	2487.6	2487.7	2487.0	2486.2	2485.7	2483.9	2480.7	2475.0	2463.6
206	2400.2	2406.3	2408.4	2409.1	2410.7	2410.7	2410.3	2409.2	2408.3	2406.7	2403.2	2397.4	2386.5
207	2319.7	2324.7	2326.4	2327.1	2328.3	2328.2	2328.2	2327.1	2326.1	2324.9	2321.3	2315.8	2305.4
208	2259.8	2263.9	2265.5	2265.9	2267.4	2267.3	2267.2	2266.2	2264.8	2263.6	2260.2	2254.8	2245.3
209	2448.6	2423.6	2410.3	2394.2	2381.2	2375.0	2365.9	2358.4	2352.0	2337.1	2320.2	2300.5	2262.3
210	2501.4	2484.8	2475.1	2462.7	2453.0	2448.2	2440.8	2434.9	2429.7	2417.3	2403.1	2385.9	2351.9
211	2530.4	2526.2	2522.2	2516.1	2511.7	2509.1	2504.7	2501.3	2498.5	2490.9	2481.8	2469.9	2446.0
212	2459.0	2481.6	2490.4	2497.7	2506.1	2509.0	2511.0	2513.6	2516.9	2520.2	2524.5	2526.3	2529.1
213	2367.9	2401.8	2416.1	2429.3	2443.1	2448.4	2453.4	2458.7	2464.7	2473.2	2483.9	2492.2	2507.7
214	2266.6	2307.0	2324.5	2341.6	2359.2	2366.1	2373.1	2380.5	2388.4	2400.4	2415.7	2429.1	2454.5
215	2054.5	2062.8	2064.5	2063.6	2063.6	2063.9	2062.0	2062.5	2063.8	2061.1	2060.3	2055.3	2047.7
216	2189.9	2159.0	2144.1	2127.4	2113.9	2107.5	2098.4	2091.2	2084.9	2071.3	2055.6	2038.3	2006.3
217	2011.4	2044.9	2060.0	2075.3	2091.6	2098.6	2105.5	2112.6	2119.7	2132.4	2148.5	2163.8	2194.4
218	2073.1	2074.3	2074.6	2074.0	2074.1	2073.7	2073.0	2071.7	2069.7	2067.4	2062.7	2057.3	2047.6
219	2025.3	2004.5	1994.9	1984.0	1976.0	1972.3	1966.5	1962.6	1959.1	1951.4	1942.9	1933.5	1917.8
220	1915.5	1932.4	1940.5	1948.6	1958.3	1962.7	1966.5	1970.8	1974.6	1982.1	1992.2	2002.0	2023.4
221	1940.2	1923.5	1916.0	1907.4	1901.6	1898.8	1894.1	1891.3	1888.9	1883.2	1877.3	1870.6	1860.1
222	1932.4	1932.6	1933.2	1933.1	1933.7	1933.7	1933.8	1933.9	1934.2	1933.4	1931.6	1930.5	1931.6
223	1915.7	1901.0	1894.6	1886.6	1881.0	1878.3	1873.8	1871.1	1868.7	1863.1	1857.5	1850.9	1840.5
224	1845.3	1856.8	1862.2	1867.5	1874.4	1877.8	1880.3	1883.9	1887.2	1892.6	1900.9	1908.3	1922.6
225	2024.2	2033.3	2035.3	2035.5	2037.0	2037.9	2036.9	2037.8	2039.2	2038.1	2037.9	2035.8	2029.3
226	2119.5	2131.8	2135.3	2136.0	2137.8	2138.9	2137.8	2139.3	2141.6	2140.1	2141.4	2140.3	2135.9
227	2172.1	2184.0	2186.8	2187.2	2188.8	2189.5	2188.2	2189.6	2191.7	2189.6	2190.6	2188.7	2183.2
228	2242.7	2255.5	2258.6	2259.0	2260.9	2261.5	2260.1	2261.4	2263.6	2261.0	2262.0	2260.1	2254.0

Table XXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 1	R: 2	R: 3	R: 4	R: 5	R: 6	R: 7	R: 8	R: 9	R: 10	R: 11	R: 12	R: 13
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2147.0	2149.7	2151.0	2152.1	2153.4	2153.4	2153.4	2152.3	2151.1	2149.9	2146.0	2140.5	2132.3
230	1956.0	1959.4	1960.4	1960.9	1962.1	1962.2	1961.8	1961.4	1960.9	1959.9	1958.2	1955.4	1950.5
231	2288.4	2255.9	2239.4	2220.9	2206.2	2199.4	2189.3	2181.5	2174.8	2159.2	2141.8	2122.0	2084.2
232	2391.6	2363.2	2348.2	2331.0	2317.1	2310.6	2301.0	2293.3	2286.7	2271.7	2254.7	2235.2	2197.3
233	2189.1	2229.6	2247.2	2264.7	2282.8	2290.3	2297.5	2305.5	2313.9	2327.1	2344.1	2359.6	2389.5
234	2082.4	2121.8	2139.5	2157.2	2175.5	2183.2	2190.5	2198.7	2207.5	2221.5	2239.7	2256.9	2290.4
235	2044.8	2028.1	2020.2	2011.1	2004.2	2000.6	1995.5	1991.6	1987.8	1979.7	1970.8	1960.6	1942.5
236	2011.4	2003.4	1999.5	1994.6	1991.0	1988.8	1985.7	1983.0	1980.4	1975.0	1968.4	1960.2	1945.6
237	1958.4	1959.5	1959.7	1958.9	1958.8	1958.6	1957.8	1957.0	1955.9	1953.8	1950.7	1946.4	1938.6
238	1949.6	1951.7	1952.3	1952.1	1953.3	1953.3	1952.5	1951.9	1951.1	1949.4	1947.0	1943.6	1937.8
239	1946.8	1949.9	1950.9	1950.9	1951.8	1951.9	1951.3	1951.0	1950.5	1949.6	1947.8	1944.9	1940.2
240	1931.1	1933.9	1934.8	1934.7	1935.8	1936.0	1935.2	1935.0	1934.8	1933.9	1933.0	1930.6	1927.1
241	1936.3	1935.6	1934.7	1932.7	1931.8	1930.9	1929.2	1928.1	1926.7	1923.5	1919.8	1914.5	1905.0
242	1813.7	1819.2	1821.1	1821.8	1823.8	1824.3	1823.3	1823.7	1823.8	1822.7	1821.5	1818.6	1814.3
243	1282.3	1287.5	1289.1	1289.4	1287.8	1289.6	1287.7	1289.6	1291.4	1292.8	1293.0	1292.6	1290.1
244	2035.6	2044.8	2046.8	2047.1	2048.4	2049.3	2048.3	2049.1	2050.3	2049.2	2048.8	2046.2	2039.6
245	2017.3	2026.7	2029.1	2029.6	2030.8	2031.6	2030.7	2031.7	2033.2	2032.0	2031.6	2029.1	2023.4
246	2066.5	2042.8	2031.7	2019.4	2010.3	2005.9	1999.1	1994.2	1989.9	1980.4	1970.2	1958.4	1938.1
247	2038.3	2019.4	2010.1	1999.2	1991.0	1987.1	1981.0	1976.8	1973.1	1964.9	1955.7	1945.6	1928.0
248	1987.7	1968.0	1959.0	1948.8	1941.6	1938.1	1932.5	1928.6	1925.2	1917.8	1909.8	1900.6	1885.5
249	1890.7	1905.8	1913.0	1920.2	1929.0	1933.1	1936.4	1940.3	1944.2	1951.3	1961.1	1970.6	1991.1
250	1894.3	1873.7	1864.3	1854.1	1846.4	1842.8	1836.9	1832.7	1828.9	1821.4	1812.7	1803.0	1786.8
251	1840.9	1827.6	1821.7	1815.0	1811.0	1809.3	1805.6	1803.9	1802.5	1798.8	1795.7	1791.8	1786.6
252	216.2	219.8	211.4	211.8	212.9	212.9	213.0	212.0	210.8	220.0	216.8	211.8	213.5

Table XXXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 518 Pi	0.0° R: 515 Pi	2.0° R: 516 Pi	6.0° R: 517 Pi
2	2108.5	2113.7	2107.4	2096.2
3	2098.7	2074.9	2037.9	1970.5
4	2053.9	2079.4	2112.5	2176.4
5	2092.2	2068.2	2039.6	1979.6
6	2045.2	2068.4	2099.9	2162.2
7	2080.3	2056.5	2022.7	1964.0
8	2040.6	2062.3	2091.9	2151.4
9	2011.4	2009.4	2003.2	1989.7
10	2057.0	2061.7	2058.7	2049.1
11	2057.6	2038.0	2005.0	1942.9
12	2010.9	2032.2	2061.7	2121.4
13	2055.0	2038.1	2007.8	1956.0
14	2016.2	2036.9	2064.6	2121.0
15	2045.4	2024.1	1994.6	1945.6
16	2003.7	2023.1	2049.8	2104.6
17	2025.6	2024.2	2019.2	2011.5
19	2008.6	1992.0	1966.9	1926.2
20	1982.4	1999.6	2021.7	2068.9
21	1995.4	1980.4	1958.1	1923.7
22	1963.6	1979.2	1997.8	2039.8
23	1955.6	1941.6	1921.7	1893.0
24	1925.5	1938.7	1955.5	1994.9
25	1935.3	1922.7	1904.5	1879.0
26	1905.9	1917.9	1933.2	1969.8
43	2080.6	2062.2	2031.6	1972.1
44	2027.1	2050.9	2080.6	2138.3
67	1930.7	1917.4	1898.8	1871.8
68	1905.5	1918.3	1933.9	1971.4
85	2101.6	2074.5	2032.7	1966.1
86	2112.4	2139.5	2171.4	2228.6
87	2134.6	2120.3	2095.0	2042.1
88	2039.3	2054.3	2069.9	2067.2
89	1984.1	1985.4	1979.6	1966.1
90	1976.8	1983.4	1984.1	1982.9
91	1980.1	1984.0	1981.8	1975.8
921	1997.5	1995.6	1989.2	1974.9

Table XXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 518	R: 515	R: 516	R: 517
	Pi	Pi	Pi	Pi
922	2138.4	2144.6	2141.5	2131.5
93	2049.1	2053.9	2051.0	2041.7
94	2128.0	2134.6	2134.6	2129.0
95	2026.5	2039.0	2054.5	2051.8
125	1969.6	1955.2	1934.6	1902.9
126	1938.2	1951.6	1968.7	2007.5
128	2133.7	2132.7	2127.4	2113.2
132	1914.0	1916.3	1913.7	1909.2
201	2283.4	2280.0	2271.3	2255.3
202	2402.4	2400.4	2392.4	2374.3
203	2485.6	2485.4	2478.7	2460.6
204	2526.5	2527.6	2522.2	2503.8
205	2513.2	2516.3	2512.1	2493.6
206	2457.2	2461.7	2458.4	2441.8
207	2386.3	2391.5	2388.8	2373.6
208	2329.4	2334.9	2332.4	2318.6
209	2377.7	2352.5	2312.4	2234.0
210	2450.0	2430.1	2396.3	2327.3
211	2510.0	2499.8	2478.7	2431.9
212	2495.1	2506.6	2515.8	2525.1
213	2422.3	2442.7	2465.6	2501.0
214	2330.6	2357.1	2389.3	2444.0
215	2006.2	2002.7	1994.8	1980.4
216	2124.3	2097.6	2060.0	1989.5
217	2074.8	2101.4	2136.1	2202.3
218	2135.6	2138.7	2132.7	2116.8
219	1985.8	1969.4	1946.2	1910.2
220	1951.4	1967.3	1987.2	2031.9
221	1907.1	1894.4	1876.8	1852.5
222	1883.3	1895.1	1909.8	1946.0
223	1884.4	1871.0	1852.6	1826.3
224	1864.5	1876.8	1891.9	1928.7
225	2000.3	1999.9	1995.0	1985.1
226	2066.5	2064.7	2058.7	2050.3
227	2112.5	2109.2	2104.0	2091.1
228	2179.9	2177.0	2169.2	2157.6

Table XXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 518 Pi	0.0° R: 515 Pi	2.0° R: 516 Pi	6.0° R: 517 Pi
229	2218.4	2224.4	2221.4	2209.5
230	2000.2	2004.5	2001.8	1996.2
231	2200.6	2171.8	2129.4	2052.0
232	2311.2	2283.9	2242.4	2164.2
233	2251.0	2278.4	2313.5	2376.5
234	2142.8	2170.4	2207.2	2275.9
235	2019.2	2001.7	1975.2	1926.9
236	2022.3	2011.2	1990.5	1947.5
237	1997.4	1996.5	1986.6	1967.2
238	1989.2	1990.8	1985.3	1971.6
239	1986.9	1990.7	1987.5	1979.4
240	1957.6	1960.1	1957.0	1950.3
241	1954.7	1947.3	1931.0	1896.3
242	1817.7	1819.1	1815.8	1809.2
243	1246.9	1240.2	1236.6	1230.2
244	2018.6	2018.4	2013.8	2002.9
245	1997.1	1996.6	1991.7	1981.7
246	2013.7	1995.3	1970.3	1928.5
247	1997.6	1979.5	1954.0	1912.5
248	1946.6	1932.9	1913.5	1885.0
249	1923.5	1936.3	1952.7	1990.7
250	1855.6	1842.7	1824.2	1797.3
251	1804.7	1794.5	1781.2	1766.8
252	220.3	226.1	224.9	223.0

Table XXXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 530.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 812	R: 813	R: 814	R: 815	R: 816	R: 817	R: 818	R: 819	R: 820	R: 821	R: 822
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	2039.5	2072.2	2108.7	2139.0	2174.9	2206.5	2243.6	2277.2	2311.7	2343.0	2378.2
3	2163.7	2180.9	2193.1	2194.5	2199.0	2199.5	2199.8	2191.6	2181.7	2168.2	2152.0
4	2160.6	2186.2	2201.0	2209.3	2206.4	2207.4	2203.3	2196.2	2186.6	2174.3	2160.5
5	2185.4	2192.4	2205.2	2205.6	2208.3	2205.3	2193.5	2183.3	2172.1	2158.5	2142.7
6	2176.1	2186.2	2198.9	2201.4	2203.7	2200.0	2192.0	2182.7	2166.6	2152.8	2138.5
7	2196.1	2198.9	2200.6	2195.4	2192.9	2187.6	2180.3	2169.5	2157.5	2142.2	2125.0
8	2195.0	2200.8	2204.4	2207.8	2205.2	2195.2	2184.8	2173.8	2161.4	2150.0	2138.1
9	2309.2	2280.4	2249.1	2218.7	2188.5	2160.7	2130.1	2103.4	2077.0	2051.7	2027.6
10	2017.1	2043.2	2073.0	2097.9	2128.5	2155.6	2188.3	2218.5	2250.5	2281.0	2314.3
11	2133.3	2150.0	2157.9	2161.2	2158.7	2157.8	2160.2	2149.5	2151.7	2140.0	2125.9
12	2130.0	2141.8	2152.4	2156.7	2160.5	2159.2	2154.6	2147.0	2140.4	2128.1	2114.8
13	2139.7	2147.4	2161.8	2163.0	2165.9	2166.3	2161.4	2150.1	2150.8	2141.6	2129.7
14	2136.3	2145.6	2159.2	2162.2	2165.2	2163.7	2160.1	2146.5	2145.3	2137.0	2125.2
15	2143.6	2148.4	2153.0	2153.8	2154.2	2151.4	2146.4	2140.4	2131.5	2120.4	2106.7
16	2137.8	2145.0	2151.1	2153.4	2154.2	2150.9	2145.1	2137.6	2128.9	2118.2	2106.2
17	2297.2	2271.9	2245.0	2219.0	2193.9	2170.5	2144.7	2122.9	2101.6	2081.6	2062.8
19	2086.4	2101.3	2109.5	2112.6	2114.8	2113.5	2112.8	2108.7	2103.0	2095.1	2086.3
20	2082.4	2100.4	2114.1	2117.9	2121.4	2121.2	2119.5	2115.0	2109.5	2102.1	2094.0
21	2081.4	2085.7	2093.5	2095.9	2099.6	2100.2	2099.3	2097.4	2093.4	2087.0	2080.5
22	2081.0	2085.2	2094.1	2096.2	2099.6	2099.8	2098.7	2095.4	2090.5	2085.0	2077.6
23	2037.1	2044.6	2052.0	2053.8	2058.1	2059.2	2059.3	2058.0	2055.2	2050.9	2045.1
24	2038.3	2046.8	2053.1	2054.3	2057.1	2057.2	2056.2	2053.6	2050.4	2045.8	2040.6
25	2022.3	2027.4	2034.6	2036.0	2039.0	2039.1	2039.1	2038.1	2035.5	2031.7	2026.7
26	2016.0	2022.8	2029.7	2031.8	2034.9	2034.9	2034.8	2033.0	2030.7	2026.8	2022.0
43	2124.3	2123.5	2123.3	2121.0	2121.1	2120.3	2120.5	2120.7	2122.0	2123.3	2125.3
44	2118.1	2137.8	2155.8	2159.7	2168.9	2177.5	2171.4	2166.5	2159.0	2157.6	2144.8
67	2012.2	2019.5	2027.0	2029.7	2033.3	2034.1	2033.7	2032.2	2029.0	2024.1	2017.6
68	2010.5	2018.5	2026.3	2029.3	2033.1	2033.9	2033.5	2031.5	2028.3	2023.3	2016.8
85	2190.8	2199.2	2206.7	2206.0	2207.5	2204.5	2198.6	2190.0	2178.0	2161.9	2143.2
86	2157.7	2181.2	2207.3	2226.3	2245.9	2261.3	2268.1	2273.1	2275.5	2274.9	2273.7
87	2083.9	2116.8	2147.1	2177.0	2205.5	2228.0	2249.4	2270.1	2289.2	2305.2	2320.2
88	2032.8	2056.1	2083.1	2105.8	2136.4	2157.7	2183.3	2201.6	2221.8	2243.1	2265.5
89	1999.6	2014.9	2033.3	2047.9	2067.4	2084.8	2106.6	2127.4	2150.1	2172.9	2198.1
90	1999.2	2013.6	2031.5	2045.8	2065.1	2082.6	2104.7	2125.9	2147.9	2170.9	2195.9
91	2005.4	2018.5	2034.8	2048.4	2067.0	2084.1	2105.8	2127.0	2150.5	2174.3	2200.9
921	2313.6	2282.0	2247.5	2214.2	2180.2	2149.3	2114.6	2084.1	2054.1	2025.1	1997.1

Table XXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 530.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 812	R: 813	R: 814	R: 815	R: 816	R: 817	R: 818	R: 819	R: 820	R: 821	R: 822
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	2052.5	2089.0	2129.5	2163.0	2202.3	2236.4	2276.3	2311.7	2347.9	2381.9	2418.4
93	2012.6	2038.0	2067.0	2091.3	2121.2	2147.8	2180.1	2209.8	2241.5	2271.7	2304.7
94	2049.4	2084.1	2123.1	2155.5	2193.5	2226.7	2265.4	2300.0	2335.9	2369.8	2406.0
95	2024.0	2045.7	2071.0	2091.6	2121.1	2142.3	2167.9	2186.2	2206.5	2229.2	2253.4
125	2046.3	2056.2	2065.8	2069.9	2074.0	2074.7	2073.1	2068.4	2061.2	2051.4	2039.4
126	2038.2	2050.7	2061.6	2066.1	2070.1	2070.7	2068.6	2062.9	2055.9	2046.5	2035.8
128	2344.6	2330.0	2314.8	2299.1	2285.3	2272.6	2259.9	2249.3	2239.4	2230.3	2223.9
132	1999.1	2000.4	2004.3	2007.2	2014.5	2021.9	2033.2	2045.7	2060.7	2076.9	2095.7
201	2621.7	2598.1	2567.8	2534.3	2497.1	2459.0	2412.9	2368.3	2319.4	2268.2	2215.9
202	2673.1	2662.6	2646.3	2625.1	2601.2	2574.6	2541.1	2507.3	2469.2	2428.2	2386.2
203	2679.2	2682.8	2682.1	2674.5	2665.2	2651.1	2631.5	2609.2	2582.2	2551.6	2519.9
204	2627.6	2648.0	2665.0	2672.7	2679.9	2679.9	2677.3	2669.7	2657.4	2640.5	2622.4
205	2516.5	2552.0	2586.3	2609.8	2634.8	2651.4	2666.9	2675.8	2680.4	2680.3	2680.0
206	2398.3	2441.4	2484.9	2517.5	2553.3	2580.9	2609.7	2631.4	2650.3	2664.5	2678.5
207	2297.8	2342.9	2389.5	2425.9	2466.9	2499.9	2536.1	2565.3	2593.0	2616.4	2640.7
208	2231.9	2276.5	2323.5	2361.0	2403.2	2438.2	2477.0	2509.7	2541.5	2569.7	2599.2
209	2493.3	2502.3	2508.7	2507.9	2506.6	2501.3	2492.5	2480.5	2463.8	2442.3	2418.8
210	2555.9	2568.7	2579.1	2581.6	2583.5	2580.9	2574.6	2564.8	2549.9	2530.4	2508.8
211	2607.5	2625.2	2640.0	2646.1	2651.8	2651.7	2647.8	2639.5	2626.1	2607.9	2588.0
212	2610.2	2629.5	2645.5	2652.8	2659.4	2659.1	2654.9	2646.4	2633.5	2616.4	2598.6
213	2559.5	2576.0	2588.6	2593.3	2597.0	2593.7	2586.3	2575.1	2559.9	2541.5	2522.7
214	2486.5	2499.9	2509.5	2511.7	2512.3	2506.2	2495.4	2481.3	2464.1	2443.8	2422.8
215	2312.9	2282.6	2250.0	2218.1	2185.4	2155.3	2121.6	2092.1	2062.8	2034.4	2007.0
216	2187.9	2204.3	2216.8	2219.9	2224.8	2225.6	2224.0	2218.2	2208.6	2195.0	2178.2
217	2187.2	2205.8	2219.4	2226.9	2231.3	2231.0	2226.6	2218.7	2208.1	2194.8	2179.9
218	2050.0	2087.8	2127.1	2159.8	2198.0	2231.2	2270.2	2305.0	2341.4	2375.5	2411.6
219	2060.4	2069.8	2079.3	2083.1	2087.3	2088.7	2088.3	2086.0	2081.8	2075.3	2066.8
220	2055.7	2065.9	2076.1	2080.8	2085.7	2086.6	2085.5	2082.6	2077.8	2071.2	2063.2
221	1995.2	2000.5	2005.6	2007.0	2009.5	2009.7	2009.0	2007.5	2004.7	2000.4	1995.1
222	1995.3	2001.0	2006.4	2007.8	2010.4	2010.5	2009.5	2007.5	2004.6	2000.4	1995.3
223	1979.4	1983.8	1987.8	1987.7	1988.5	1987.0	1984.2	1980.5	1975.4	1968.7	1960.5
224	1981.9	1987.0	1991.4	1992.2	1993.5	1992.4	1989.8	1986.2	1981.4	1975.1	1967.1
225	2248.5	2226.3	2202.9	2180.1	2158.7	2139.3	2119.2	2102.3	2086.3	2071.7	2059.1
226	2413.3	2379.8	2341.9	2304.1	2265.0	2228.1	2185.5	2146.9	2107.0	2067.6	2028.4
227	2468.1	2435.0	2396.8	2358.6	2317.6	2277.6	2232.4	2190.8	2147.5	2103.9	2060.4
228	2543.3	2512.1	2474.7	2436.2	2394.2	2353.0	2304.1	2258.8	2210.7	2161.7	2111.2

Table XXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 530.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 812	R: 813	R: 814	R: 815	R: 816	R: 817	R: 818	R: 819	R: 820	R: 821	R: 822
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	2117.6	2159.1	2204.1	2240.9	2283.2	2319.3	2360.7	2396.6	2432.6	2465.9	2501.1
230	2000.2	2017.8	2039.2	2057.0	2080.2	2101.1	2127.1	2151.8	2178.8	2205.5	2235.1
231	2324.2	2327.4	2328.7	2325.8	2321.0	2312.4	2301.7	2289.1	2272.4	2252.3	2229.9
232	2435.8	2441.7	2445.1	2442.1	2438.8	2430.9	2420.1	2406.6	2388.4	2366.1	2341.4
233	2422.0	2431.4	2437.2	2437.0	2434.4	2426.1	2413.1	2397.7	2379.5	2359.0	2337.8
234	2314.6	2321.8	2325.8	2325.3	2321.1	2312.1	2299.0	2284.1	2267.0	2247.9	2228.3
235	2046.6	2069.4	2090.5	2102.8	2114.2	2119.7	2122.5	2120.7	2114.9	2105.1	2090.7
236	2010.5	2038.5	2066.1	2084.9	2105.4	2119.7	2133.9	2144.1	2151.9	2156.5	2158.6
237	1992.2	2012.5	2034.9	2053.6	2076.0	2095.2	2118.2	2139.1	2161.0	2183.8	2208.3
238	1994.1	2010.9	2031.5	2048.2	2069.8	2088.5	2111.9	2134.6	2159.3	2183.7	2210.9
239	1999.9	2015.0	2033.6	2049.1	2069.8	2088.6	2112.3	2135.2	2160.3	2185.5	2213.6
240	2016.8	2023.3	2032.8	2040.3	2052.4	2063.9	2079.4	2095.4	2113.7	2132.9	2154.9
241	1974.2	1995.6	2016.8	2030.9	2045.9	2056.0	2065.5	2072.1	2076.6	2078.4	2078.4
242	1962.5	1953.1	1945.5	1937.9	1933.9	1930.8	1929.6	1930.5	1933.2	1937.1	1942.1
243	1509.4	1470.6	1432.5	1399.6	1367.8	1342.9	1318.8	1304.2	1291.6	1285.8	1279.6
244	2245.7	2226.5	2206.7	2187.5	2170.2	2154.5	2138.3	2125.1	2113.1	2102.4	2093.9
245	2237.0	2215.8	2193.5	2172.1	2152.2	2134.2	2115.4	2100.0	2085.6	2072.7	2061.6
246	2104.7	2109.0	2115.1	2117.3	2119.3	2117.7	2115.3	2108.4	2103.3	2095.3	2084.7
247	2061.7	2075.9	2088.9	2094.8	2100.0	2100.9	2098.9	2094.0	2085.6	2073.7	2058.4
248	2026.9	2034.4	2042.3	2045.3	2049.5	2050.4	2049.8	2047.8	2043.9	2038.6	2031.5
249	2030.6	2039.8	2047.5	2049.9	2054.1	2054.1	2053.0	2050.4	2046.0	2040.4	2033.3
250	1901.3	1916.4	1931.5	1940.1	1948.4	1952.5	1954.3	1953.4	1949.3	1942.6	1932.4
251	1928.6	1925.9	1923.9	1919.0	1914.7	1909.5	1902.9	1896.6	1889.4	1881.0	1870.9
252	216.6	210.9	228.7	227.6	222.1	239.9	232.8	249.9	247.1	241.7	257.4

Table XXXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 788	R: 789	R: 790	R: 791	R: 792	R: 793	R: 794	R: 795	R: 796	R: 797	R: 798
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1922.1	1953.5	1987.6	2019.9	2048.4	2085.0	2116.6	2149.5	2180.4	2210.5	2239.6
3	2039.6	2057.0	2068.7	2072.6	2074.5	2076.4	2076.3	2069.2	2060.1	2046.4	2026.7
4	2036.2	2060.7	2075.8	2085.4	2080.4	2082.8	2080.6	2073.7	2065.1	2051.9	2034.5
5	2060.4	2068.3	2080.4	2082.8	2083.2	2081.0	2070.0	2061.2	2050.9	2036.9	2017.9
6	2051.2	2060.8	2074.1	2077.8	2077.7	2075.7	2069.8	2060.6	2046.3	2031.7	2014.1
7	2068.8	2074.1	2076.6	2073.3	2069.2	2065.2	2058.9	2048.5	2037.0	2021.6	2001.5
8	2068.8	2074.5	2079.6	2083.7	2079.7	2071.1	2063.4	2052.5	2041.2	2028.4	2013.2
9	2177.2	2149.7	2122.0	2093.5	2065.8	2036.9	2011.6	1985.1	1960.6	1935.3	1909.0
10	1901.1	1926.1	1954.1	1981.1	2005.0	2036.8	2064.6	2094.1	2123.5	2152.2	2179.6
11	2011.3	2027.8	2035.5	2040.8	2036.0	2036.7	2038.6	2029.3	2029.4	2019.6	2002.8
12	2007.8	2018.7	2030.0	2035.7	2037.0	2037.7	2034.8	2027.2	2021.1	2008.8	1991.5
13	2026.2	2025.5	2039.3	2042.6	2043.0	2044.1	2039.5	2029.6	2026.0	2021.8	2005.9
14	2013.3	2022.5	2036.6	2040.9	2041.5	2041.7	2039.5	2026.4	2022.0	2017.0	2001.8
15	2020.3	2026.7	2032.1	2033.7	2032.3	2031.2	2026.6	2020.6	2012.2	2001.0	1984.5
16	2014.4	2021.8	2029.1	2032.3	2031.2	2029.5	2025.3	2017.9	2009.9	1998.8	1983.5
17	2166.2	2142.2	2118.5	2094.2	2071.0	2047.2	2026.3	2004.2	1984.5	1964.2	1943.1
19	1967.3	1981.1	1989.5	1994.6	1994.6	1994.4	1994.3	1990.5	1985.2	1976.8	1964.8
20	1963.0	1981.1	1994.3	1999.3	2000.4	2002.2	2001.4	1996.8	1991.8	1983.9	1972.5
21	1962.1	1966.2	1974.5	1978.8	1979.9	1982.3	1981.9	1979.8	1975.9	1969.2	1959.2
22	1961.4	1965.5	1974.8	1978.5	1979.6	1982.0	1981.4	1977.9	1973.4	1967.4	1956.5
23	1920.6	1928.0	1935.2	1939.2	1940.8	1943.6	1944.0	1942.8	1940.1	1935.1	1926.5
24	1920.9	1928.5	1935.6	1938.7	1939.1	1941.3	1941.0	1938.0	1935.1	1929.9	1921.2
25	1906.5	1911.3	1918.6	1922.0	1922.7	1924.5	1924.9	1923.7	1921.3	1916.9	1909.0
26	1900.4	1906.2	1913.7	1917.5	1918.4	1920.4	1920.9	1918.8	1916.8	1912.3	1904.4
43	2002.7	2001.9	2002.3	2001.8	2000.1	2001.0	2001.3	2001.6	2003.1	2003.3	2002.1
44	1994.7	2014.4	2032.2	2038.8	2044.6	2050.0	2050.2	2045.5	2038.8	2035.0	2018.9
67	1896.9	1903.9	1911.5	1916.1	1917.2	1919.7	1919.8	1918.3	1915.1	1909.7	1900.3
68	1895.5	1902.6	1910.9	1915.7	1917.0	1919.8	1920.1	1917.7	1914.9	1909.3	1899.6
85	2066.0	2075.4	2081.7	2083.1	2083.3	2081.2	2076.6	2068.1	2056.8	2040.8	2019.4
86	2033.1	2055.7	2081.7	2102.2	2116.6	2132.1	2141.3	2146.2	2148.9	2147.0	2141.3
87	1963.7	1996.0	2024.7	2052.5	2074.8	2104.6	2122.9	2143.4	2161.1	2175.8	2185.9
88	1915.6	1938.2	1964.0	1988.1	2008.7	2035.0	2057.0	2077.2	2097.6	2116.4	2133.7
89	1884.9	1899.2	1916.9	1933.6	1948.3	1969.2	1987.9	2008.1	2029.1	2050.6	2070.6
90	1884.6	1898.1	1915.1	1931.5	1945.9	1967.0	1986.0	2006.3	2026.8	2048.4	2068.1
91	1890.5	1902.6	1918.5	1934.0	1947.8	1968.4	1987.2	2007.6	2029.5	2051.9	2073.0
921	2181.8	2151.2	2120.6	2089.0	2057.9	2025.9	1997.5	1967.0	1938.9	1910.1	1880.1

Table XXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 788	R: 789	R: 790	R: 791	R: 792	R: 793	R: 794	R: 795	R: 796	R: 797	R: 798
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1934.0	1969.6	2007.4	2043.1	2074.3	2114.0	2147.7	2182.6	2215.8	2247.7	2277.9
93	1896.9	1921.2	1948.5	1974.9	1998.3	2029.6	2056.9	2086.1	2115.2	2143.4	2170.5
94	1931.0	1965.0	2001.6	2036.1	2066.2	2104.6	2137.6	2171.6	2204.8	2236.5	2266.2
95	1907.4	1928.3	1952.4	1975.1	1994.0	2019.7	2041.7	2061.9	2083.0	2103.6	2122.2
125	1929.3	1939.2	1948.6	1954.9	1956.3	1958.4	1957.5	1952.6	1945.8	1935.7	1920.7
126	1921.4	1933.1	1944.3	1950.2	1951.8	1954.4	1953.2	1947.6	1941.1	1931.2	1917.1
128	2211.1	2197.6	2184.6	2170.7	2156.9	2144.6	2134.4	2123.8	2114.7	2104.7	2094.7
132	1884.8	1885.6	1890.0	1894.7	1899.0	1908.9	1918.9	1930.6	1944.6	1959.8	1973.9
201	2472.2	2451.0	2424.7	2392.9	2359.5	2319.4	2280.8	2236.9	2192.0	2140.9	2087.0
202	2520.5	2512.3	2498.7	2478.8	2457.0	2429.1	2401.2	2368.3	2333.5	2292.0	2247.7
203	2525.7	2531.7	2532.3	2526.4	2516.6	2502.8	2486.3	2465.0	2440.6	2408.8	2373.9
204	2476.8	2499.0	2515.8	2525.3	2529.1	2531.2	2528.8	2522.1	2511.2	2492.8	2470.6
205	2371.4	2408.0	2440.4	2465.8	2485.1	2505.3	2518.3	2527.6	2532.4	2530.1	2524.4
206	2259.6	2303.0	2344.0	2378.4	2406.8	2439.0	2463.4	2485.5	2503.2	2514.8	2522.9
207	2165.1	2210.0	2253.5	2292.2	2324.8	2363.2	2393.6	2422.9	2448.6	2469.5	2487.4
208	2102.9	2147.0	2191.0	2230.5	2264.3	2304.7	2337.6	2370.2	2399.8	2425.4	2448.1
209	2350.4	2361.7	2368.0	2369.2	2366.5	2361.6	2354.4	2342.8	2327.4	2305.7	2278.9
210	2409.5	2424.6	2434.5	2438.9	2438.7	2437.1	2431.9	2422.6	2409.2	2388.8	2363.6
211	2457.6	2477.3	2491.8	2499.8	2502.7	2504.2	2501.0	2493.4	2481.5	2461.8	2438.0
212	2460.3	2481.1	2497.2	2506.0	2509.6	2511.3	2507.8	2499.9	2488.8	2469.9	2448.1
213	2411.8	2429.2	2442.6	2448.6	2449.7	2448.3	2442.3	2431.8	2418.7	2398.4	2375.7
214	2343.2	2357.4	2368.0	2371.3	2369.8	2365.5	2356.8	2343.4	2328.1	2306.1	2281.7
215	2181.2	2152.3	2123.3	2093.4	2063.6	2032.1	2004.3	1974.9	1947.5	1919.2	1889.8
216	2062.7	2079.5	2091.4	2096.9	2099.1	2101.1	2099.8	2094.5	2085.6	2071.9	2052.2
217	2061.6	2079.3	2093.5	2102.3	2104.0	2105.7	2102.6	2094.9	2085.5	2071.5	2053.2
218	1934.1	1968.5	2005.4	2040.0	2070.4	2108.8	2142.0	2176.3	2209.6	2241.8	2271.6
219	1942.7	1951.9	1961.1	1966.9	1968.5	1971.3	1971.6	1969.2	1965.2	1958.3	1946.8
220	1937.7	1947.1	1957.7	1964.0	1966.2	1969.1	1969.0	1966.1	1961.7	1954.5	1943.0
221	1881.3	1886.2	1891.6	1894.9	1895.0	1896.6	1896.8	1895.0	1892.2	1887.7	1879.2
222	1881.1	1885.8	1891.9	1895.0	1895.3	1897.3	1897.2	1894.7	1892.1	1887.6	1878.9
223	1866.3	1870.3	1874.6	1876.6	1875.3	1875.2	1873.3	1869.5	1864.5	1857.6	1846.7
224	1868.5	1872.5	1877.8	1880.3	1879.5	1880.1	1878.8	1874.6	1870.3	1863.6	1852.5
225	2120.4	2099.2	2078.8	2057.9	2037.6	2018.1	2001.6	1984.7	1969.7	1954.9	1939.2
226	2276.2	2244.5	2210.7	2174.7	2139.6	2100.5	2065.3	2027.0	1990.1	1950.9	1910.3
227	2327.8	2296.8	2263.1	2226.5	2190.3	2147.8	2109.6	2068.6	2028.8	1985.4	1940.4
228	2399.0	2370.0	2337.1	2299.9	2262.7	2218.5	2177.7	2132.6	2088.3	2039.7	1988.5

Table XXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 788	R: 789	R: 790	R: 791	R: 792	R: 793	R: 794	R: 795	R: 796	R: 797	R: 798
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1995.6	2036.3	2078.4	2117.3	2151.1	2192.8	2227.9	2263.4	2296.7	2327.6	2356.3
230	1885.4	1902.1	1922.5	1942.3	1960.0	1984.8	2007.1	2031.1	2056.0	2081.3	2105.1
231	2191.3	2196.2	2197.7	2196.3	2190.8	2182.5	2173.8	2161.4	2145.9	2125.8	2100.6
232	2296.4	2304.3	2307.8	2306.6	2302.1	2294.7	2285.7	2272.7	2255.8	2233.4	2205.8
233	2283.1	2293.0	2300.3	2301.0	2296.9	2289.9	2279.5	2264.7	2248.6	2226.6	2202.1
234	2181.8	2189.1	2194.8	2194.8	2189.6	2181.9	2171.6	2157.1	2141.7	2121.5	2098.5
235	1928.7	1951.2	1971.3	1985.6	1993.7	2001.0	2003.7	2002.1	1996.8	1986.4	1969.4
236	1895.2	1922.4	1948.4	1969.2	1984.6	2002.4	2014.5	2024.5	2032.0	2035.5	2034.1
237	1878.1	1897.3	1918.6	1938.7	1956.2	1979.3	1999.1	2019.5	2039.8	2061.2	2080.5
238	1879.7	1895.5	1915.2	1933.8	1950.3	1972.7	1993.0	2015.0	2037.7	2060.8	2082.5
239	1885.7	1899.9	1917.7	1935.2	1950.8	1973.3	1993.7	2015.7	2039.0	2063.0	2085.4
240	1901.4	1907.3	1916.8	1926.3	1934.6	1948.9	1962.5	1977.7	1994.8	2012.8	2029.7
241	1861.1	1881.4	1901.6	1917.8	1928.7	1941.5	1949.9	1956.2	1960.3	1961.5	1958.2
242	1850.1	1840.2	1834.0	1828.6	1823.2	1821.5	1821.3	1821.4	1823.8	1827.3	1828.7
243	1423.6	1382.0	1347.2	1317.1	1287.7	1262.3	1244.2	1227.6	1214.4	1211.3	1203.6
244	2117.7	2099.4	2082.3	2065.0	2048.2	2032.5	2019.5	2006.3	1995.0	1983.8	1972.0
245	2109.7	2089.3	2070.0	2050.4	2031.4	2013.4	1998.2	1982.6	1969.2	1955.9	1941.8
246	1987.5	1990.3	1995.7	1999.4	1999.5	1999.3	1997.5	1990.7	1985.8	1977.3	1964.0
247	1943.5	1957.6	1970.2	1977.9	1980.5	1982.9	1981.6	1976.8	1969.0	1956.8	1938.6
248	1911.3	1918.7	1926.5	1931.4	1933.1	1935.5	1935.4	1933.3	1929.6	1923.8	1913.9
249	1914.5	1922.7	1931.0	1935.2	1936.9	1938.9	1938.6	1935.7	1931.8	1925.7	1915.5
250	1792.8	1807.1	1821.3	1831.7	1837.1	1842.9	1845.0	1843.8	1839.9	1833.1	1820.5
251	1818.8	1815.5	1814.4	1811.4	1805.9	1801.6	1796.7	1790.3	1783.2	1775.0	1762.9
252	194.3	207.7	202.4	213.4	218.9	222.5	228.9	225.7	230.7	232.4	231.4

Table XXXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 799	R: 800	R: 801	R: 802	R: 803	R: 804	R: 805	R: 806	R: 807	R: 808	R: 809
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1914.3	1944.3	1973.2	2009.7	2043.9	2073.7	2107.2	2139.4	2175.1	2207.1	2240.8
3	2004.3	2020.4	2028.8	2035.9	2040.2	2039.2	2038.8	2031.5	2020.1	2009.2	1992.9
4	2065.1	2080.0	2098.9	2111.2	2115.2	2115.9	2112.8	2105.8	2097.4	2087.2	2075.7
5	2022.3	2030.2	2041.0	2046.7	2050.6	2043.2	2040.7	2026.0	2014.5	2004.1	1989.4
6	2085.8	2091.7	2095.9	2102.3	2109.6	2105.9	2100.7	2090.2	2074.6	2063.0	2050.3
7	2032.1	2036.5	2037.1	2037.4	2036.4	2026.1	2024.3	2014.8	2003.8	1992.6	1977.4
8	2105.6	2106.8	2107.0	2108.9	2111.0	2102.8	2092.4	2079.7	2066.7	2057.0	2045.2
9	2182.2	2151.9	2122.7	2094.1	2068.1	2034.6	2005.8	1980.6	1954.6	1933.8	1912.0
10	1894.3	1917.7	1940.9	1971.5	2001.9	2029.8	2059.0	2087.3	2119.7	2149.4	2180.8
11	1979.0	1995.3	2000.0	2008.2	2006.3	2008.2	2007.7	1997.4	1998.2	1989.6	1975.9
12	2034.7	2043.5	2050.4	2059.6	2067.5	2066.0	2061.7	2054.1	2046.1	2038.4	2027.0
13	1983.9	1991.9	2003.8	2010.0	2013.9	2011.1	2009.5	1998.4	1999.8	1993.3	1982.0
14	2042.6	2048.9	2053.9	2065.2	2072.3	2069.5	2065.4	2051.9	2045.2	2043.7	2034.4
15	1990.0	1992.3	1995.4	2000.9	2003.1	1997.1	1996.7	1991.7	1983.1	1975.5	1963.7
16	2046.7	2050.3	2052.7	2057.4	2061.7	2057.0	2051.0	2042.1	2032.7	2023.2	2012.6
17	2171.8	2144.7	2118.7	2094.4	2073.4	2044.5	2020.9	2000.4	1979.7	1963.8	1946.8
19	1938.3	1953.6	1959.0	1967.4	1970.5	1967.7	1968.1	1964.8	1958.9	1953.7	1946.1
20	1987.9	2002.4	2009.3	2019.1	2025.9	2024.5	2022.4	2017.5	2012.0	2006.4	1999.3
21	1939.4	1943.2	1947.2	1954.1	1958.6	1956.7	1958.5	1956.7	1952.4	1948.8	1942.9
22	1981.5	1984.6	1989.6	1996.3	2002.4	2001.1	1999.3	1995.7	1991.0	1986.9	1981.1
23	1899.3	1906.2	1910.2	1916.5	1921.4	1920.6	1922.7	1921.8	1918.8	1917.2	1911.9
24	1938.9	1944.2	1947.8	1953.8	1959.9	1958.4	1956.4	1953.8	1950.7	1947.7	1943.1
25	1887.1	1890.8	1895.6	1901.7	1905.6	1903.4	1905.5	1904.8	1902.3	1901.2	1896.7
26	1917.0	1920.6	1925.2	1931.3	1937.5	1935.7	1934.6	1932.8	1930.5	1928.2	1924.0
43	2002.8	1999.9	1997.5	1998.8	2000.8	1997.7	1998.0	1998.3	1999.8	2002.7	2005.0
44	2014.2	2035.1	2049.3	2065.1	2074.4	2079.2	2079.5	2075.9	2070.4	2062.7	2060.2
67	1881.3	1887.1	1890.5	1896.7	1900.9	1899.1	1900.1	1898.3	1894.5	1891.6	1885.3
68	1908.0	1914.3	1919.5	1927.4	1935.0	1934.7	1934.0	1932.4	1930.2	1927.3	1922.5
85	2024.8	2034.0	2038.2	2044.1	2046.5	2039.2	2033.8	2030.3	2017.0	2004.9	1987.9
86	2050.4	2075.2	2097.0	2123.0	2146.1	2161.4	2171.6	2177.3	2182.5	2183.8	2184.5
87	1945.1	1971.2	1995.2	2025.5	2055.4	2073.2	2095.4	2113.8	2130.5	2145.2	2157.2
88	1914.4	1937.3	1957.9	1988.1	2021.3	2049.2	2070.0	2079.1	2098.8	2122.7	2148.9
89	1884.6	1896.1	1907.8	1925.9	1945.2	1961.4	1980.0	1998.7	2021.0	2042.4	2065.0
90	1876.1	1889.9	1903.9	1924.4	1945.7	1964.1	1984.5	2005.3	2030.1	2051.1	2075.2
91	1886.7	1897.3	1908.5	1926.9	1946.4	1963.3	1982.8	2002.8	2026.7	2049.6	2074.4
921	2188.6	2155.7	2123.6	2091.7	2062.1	2024.6	1991.4	1962.4	1932.2	1907.5	1881.7

Table XXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 799	R: 800	R: 801	R: 802	R: 803	R: 804	R: 805	R: 806	R: 807	R: 808	R: 809
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1925.4	1959.5	1992.1	2032.1	2069.7	2105.2	2141.5	2175.7	2213.2	2246.0	2280.4
93	1890.0	1912.8	1935.3	1965.2	1995.1	2022.5	2051.2	2079.3	2111.5	2140.8	2171.9
94	1923.7	1956.3	1987.6	2026.5	2064.0	2099.1	2134.7	2168.3	2205.4	2237.9	2272.1
95	1905.3	1926.2	1945.2	1973.0	2006.0	2033.8	2054.6	2063.6	2083.4	2107.4	2133.9
125	1898.7	1910.0	1917.1	1927.1	1933.1	1933.3	1935.6	1932.6	1926.6	1920.8	1911.2
126	1947.7	1955.9	1961.7	1969.2	1975.9	1973.6	1969.5	1962.4	1953.9	1945.4	1934.8
128	2211.7	2195.3	2179.9	2167.4	2155.7	2139.8	2128.3	2118.6	2109.0	2102.7	2097.1
132	1883.3	1882.5	1883.0	1889.5	1898.4	1904.4	1914.6	1926.2	1941.6	1957.8	1975.3
201	2475.4	2450.5	2423.4	2393.4	2361.5	2316.3	2273.1	2230.8	2182.2	2137.8	2089.7
202	2521.0	2509.0	2493.8	2477.1	2457.3	2424.8	2393.8	2362.0	2324.2	2288.7	2250.5
203	2523.9	2526.0	2524.1	2522.2	2515.7	2497.5	2479.7	2458.8	2432.3	2406.2	2377.3
204	2471.4	2489.8	2503.2	2517.8	2526.4	2524.7	2522.6	2515.8	2503.8	2490.0	2473.6
205	2363.3	2396.5	2424.3	2455.8	2480.7	2497.3	2512.3	2521.2	2526.5	2527.7	2527.5
206	2248.5	2289.4	2325.1	2366.4	2401.5	2430.4	2457.8	2479.2	2498.7	2512.5	2525.9
207	2155.0	2197.4	2235.7	2280.2	2319.7	2354.5	2388.3	2416.7	2444.9	2467.4	2490.1
208	2092.9	2134.7	2172.7	2217.8	2258.8	2296.0	2332.3	2364.1	2396.6	2423.4	2450.7
209	2309.6	2319.6	2324.1	2329.8	2329.6	2317.9	2313.6	2303.5	2286.1	2269.2	2247.3
210	2375.0	2388.2	2396.1	2405.4	2407.8	2399.9	2397.4	2389.4	2374.1	2358.4	2338.8
211	2436.4	2453.3	2464.8	2477.9	2484.5	2480.5	2479.0	2472.2	2458.9	2444.1	2425.9
212	2471.6	2487.7	2499.8	2513.2	2521.8	2520.5	2516.3	2507.9	2495.7	2481.3	2465.4
213	2437.7	2449.9	2459.1	2469.4	2476.1	2473.0	2464.9	2453.1	2439.0	2423.2	2406.3
214	2379.7	2388.5	2394.7	2401.6	2406.2	2400.7	2389.0	2374.0	2357.3	2339.5	2320.8
215	2186.1	2154.4	2123.3	2092.4	2064.1	2027.8	1996.6	1969.0	1940.0	1916.6	1892.0
216	2024.3	2040.3	2049.0	2058.1	2062.8	2059.2	2061.2	2055.2	2043.9	2033.3	2017.0
217	2093.2	2106.7	2118.6	2130.5	2139.7	2140.5	2136.5	2128.4	2119.0	2108.2	2095.7
218	1921.4	1954.4	1985.8	2024.9	2062.2	2097.3	2133.2	2167.0	2203.6	2236.1	2269.6
219	1921.1	1929.2	1934.6	1942.6	1947.4	1946.1	1947.3	1945.2	1940.3	1935.9	1927.6
220	1955.5	1963.6	1970.3	1980.2	1988.6	1989.0	1987.7	1985.1	1981.2	1976.2	1970.1
221	1866.2	1870.1	1871.5	1876.2	1879.7	1877.3	1877.9	1876.3	1873.2	1871.0	1865.9
222	1894.8	1898.5	1901.3	1907.0	1913.1	1911.8	1910.3	1908.4	1906.2	1903.8	1899.9
223	1853.9	1856.3	1856.2	1859.0	1860.3	1855.3	1853.7	1849.6	1843.5	1838.7	1830.4
224	1878.9	1882.9	1885.4	1891.2	1896.8	1894.8	1892.5	1889.6	1886.2	1882.4	1876.6
225	2124.4	2100.6	2077.8	2057.2	2038.8	2015.2	1996.2	1980.1	1964.4	1952.9	1941.6
226	2284.5	2249.7	2215.2	2179.1	2144.9	2100.9	2060.2	2023.6	1984.1	1950.3	1914.2
227	2334.0	2299.8	2265.3	2229.2	2193.9	2148.1	2104.9	2065.0	2021.6	1983.9	1943.4
228	2404.5	2372.2	2339.1	2302.7	2266.3	2217.7	2171.4	2128.2	2079.6	2036.6	1989.7

Table XXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α -2.0° R: 799 Pi	0.0° R: 800 Pi	2.0° R: 801 Pi	4.0° R: 802 Pi	6.0° R: 803 Pi	8.0° R: 804 Pi	10.0° R: 805 Pi	12.0° R: 806 Pi	14.0° R: 807 Pi	16.0° R: 808 Pi	18.0° R: 809 Pi
229	1985.8	2024.8	2061.1	2104.9	2145.4	2183.5	2221.7	2256.6	2293.7	2325.6	2358.6
230	1880.3	1895.7	1911.3	1934.2	1957.8	1978.9	2002.1	2025.6	2053.2	2079.4	2107.2
231	2145.8	2150.9	2151.1	2153.9	2151.1	2136.0	2130.8	2120.1	2103.1	2087.4	2067.0
232	2253.6	2260.9	2262.9	2266.2	2264.2	2249.6	2243.8	2232.1	2213.4	2195.6	2172.9
233	2323.3	2327.9	2330.6	2334.1	2336.1	2328.3	2314.6	2298.0	2280.4	2262.3	2243.3
234	2225.0	2227.1	2227.8	2229.5	2230.5	2222.0	2208.1	2191.5	2174.4	2157.5	2139.6
235	1915.7	1934.2	1947.9	1963.2	1972.9	1974.0	1975.9	1972.4	1963.4	1954.0	1937.8
236	1891.9	1913.6	1931.6	1952.3	1970.5	1981.0	1992.1	1999.1	2003.2	2006.3	2005.1
237	1878.8	1894.2	1908.5	1930.0	1951.2	1968.4	1987.2	2006.4	2028.2	2048.6	2069.3
238	1878.6	1892.0	1905.6	1925.8	1946.3	1964.9	1985.4	2006.0	2030.0	2053.3	2077.8
239	1881.6	1894.2	1907.2	1927.3	1948.6	1967.4	1988.4	2009.7	2035.0	2059.3	2085.7
240	1899.7	1903.7	1908.6	1920.0	1933.2	1943.7	1957.5	1972.3	1990.7	2009.4	2029.9
241	1867.7	1882.2	1893.9	1908.7	1921.0	1926.0	1932.2	1935.0	1935.7	1936.2	1932.7
242	1850.9	1839.6	1829.8	1824.9	1822.8	1816.7	1816.5	1816.7	1819.3	1824.6	1829.6
243	1429.7	1389.9	1352.9	1317.7	1291.0	1262.0	1240.3	1223.9	1211.6	1208.4	1199.2
244	2121.2	2100.0	2080.1	2063.2	2048.9	2029.2	2014.3	2001.7	1989.9	1982.0	1974.3
245	2113.9	2090.9	2068.9	2049.5	2032.5	2010.1	1992.7	1977.9	1963.6	1953.8	1943.8
246	1955.7	1959.1	1963.3	1970.5	1973.9	1969.6	1971.1	1964.4	1959.6	1954.6	1945.4
247	1924.0	1936.1	1944.1	1953.7	1958.8	1956.2	1955.1	1949.8	1939.6	1929.6	1914.2
248	1886.0	1894.1	1898.9	1907.1	1912.5	1912.4	1914.6	1913.7	1910.6	1908.5	1902.9
249	1936.3	1941.7	1945.9	1951.9	1958.3	1956.0	1953.6	1949.8	1944.9	1940.2	1933.6
250	1759.8	1777.2	1789.5	1804.3	1815.0	1819.5	1825.2	1826.0	1824.0	1821.3	1814.2
251	1810.6	1806.3	1801.1	1799.0	1796.3	1787.3	1782.2	1775.6	1767.4	1761.5	1751.9
252	194.2	206.0	204.8	211.2	214.6	215.0	224.6	220.6	238.5	230.7	234.0

Table XXXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 810 Pi	Nominal β 2.0° R: 811 Pi
2	2112.4	2108.8
3	2073.1	2037.6
4	2077.9	2110.7
5	2066.5	2040.2
6	2067.4	2098.5
7	2055.9	2023.5
8	2060.7	2090.0
9	2009.9	2003.5
10	2060.5	2060.1
11	2035.3	2006.4
12	2031.9	2059.7
13	2036.0	2009.4
14	2036.6	2063.6
15	2023.8	1996.2
16	2022.7	2049.1
17	2024.0	2018.8
19	1991.1	1967.4
20	1998.3	2020.8
21	1978.6	1958.0
22	1978.2	1997.8
23	1940.8	1922.2
24	1937.3	1955.0
25	1921.5	1904.7
26	1917.5	1933.2
43	1998.0	1996.9
44	2047.5	2077.8
67	1916.7	1899.4
68	1916.5	1932.6
85	2073.8	2033.7
86	2138.2	2170.6
87	2118.9	2096.6
88	2053.2	2069.3
89	1983.9	1980.3
90	1982.1	1984.8
91	1983.2	1983.1
921	1995.5	1988.8

Table XXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 810 Pi	Nominal β 2.0° R: 811 Pi
922	2143.2	2143.2
93	2052.7	2052.4
94	2133.2	2136.2
95	2037.9	2053.8
125	1954.2	1935.0
126	1950.1	1967.7
128	2131.6	2127.1
132	1915.3	1914.3
201	2279.2	2269.8
202	2399.7	2391.5
203	2484.1	2478.1
204	2526.2	2521.8
205	2515.1	2512.9
206	2459.6	2459.2
207	2389.5	2389.9
208	2333.3	2334.1
209	2351.4	2313.3
210	2429.1	2397.3
211	2498.2	2478.6
212	2505.2	2515.1
213	2440.5	2463.2
214	2354.9	2386.5
215	2002.1	1994.1
216	2096.6	2060.7
217	2100.0	2134.4
218	2137.9	2135.1
219	1968.4	1946.8
220	1965.8	1986.2
221	1893.5	1877.2
222	1893.9	1908.9
223	1870.1	1852.8
224	1875.5	1891.0
225	1998.8	1994.4
226	2063.4	2057.1
227	2108.2	2101.3
228	2176.4	2168.0

Table XXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .60, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 810 Pi	Nominal β 2.0° R: 811 Pi
229	2223.3	2223.4
230	2003.2	2002.8
231	2170.9	2130.4
232	2282.9	2243.2
233	2277.4	2311.7
234	2169.3	2205.3
235	2000.4	1975.5
236	2010.5	1992.0
237	1995.1	1987.6
238	1989.1	1985.9
239	1989.6	1988.7
240	1958.7	1957.4
241	1946.1	1931.6
242	1817.6	1815.4
243	1241.4	1237.5
244	2016.7	2012.6
245	1995.4	1990.8
246	1994.2	1970.4
247	1978.5	1954.5
248	1932.1	1913.9
249	1935.3	1952.0
250	1841.6	1824.5
251	1793.4	1780.7
252	224.4	226.5

Table XXXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 640.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 44	R: 45	R: 46	R: 47	R: 48	R: 49	R: 50	R: 51	R: 52	R: 53	R: 54
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1390.8	1425.1	1468.2	1510.0	1552.8	1599.2	1640.1	1683.0	1725.6	1767.8	1805.1
3	1553.6	1565.8	1579.1	1582.7	1587.1	1591.5	1591.3	1583.5	1572.8	1556.5	1537.8
4	1545.4	1571.9	1588.9	1590.4	1596.1	1600.5	1599.2	1593.2	1582.1	1569.6	1554.8
5	1579.3	1580.8	1595.6	1596.6	1599.6	1598.7	1584.3	1574.5	1558.2	1541.2	1522.3
6	1565.9	1574.0	1589.2	1592.9	1590.1	1591.1	1584.5	1574.6	1552.6	1538.2	1519.8
7	1595.6	1597.2	1595.7	1587.5	1583.6	1579.5	1569.9	1556.8	1542.3	1524.1	1502.0
8	1589.4	1592.5	1596.2	1601.1	1596.9	1586.2	1574.9	1562.4	1545.4	1532.9	1516.3
9	1728.3	1688.5	1651.6	1613.9	1575.1	1540.7	1504.6	1471.4	1434.8	1401.8	1368.9
10	1349.8	1381.0	1417.7	1451.6	1491.0	1530.9	1570.0	1606.9	1646.5	1686.7	1725.8
11	1554.2	1555.7	1556.1	1554.0	1551.7	1545.6	1538.8	1517.9	1502.2	1489.7	1466.3
12	1549.9	1551.6	1554.1	1554.3	1550.7	1546.5	1532.8	1515.5	1492.1	1475.9	1453.5
13	1542.1	1532.3	1545.3	1544.6	1546.3	1548.1	1537.7	1521.1	1515.3	1502.0	1482.6
14	1537.9	1532.9	1544.3	1546.5	1547.2	1545.4	1536.5	1517.6	1509.9	1497.2	1478.6
15	2016.4	2013.6	2013.0	2011.9	2011.2	2010.2	2009.7	2008.9	2007.7	2007.0	2006.0
16	1516.6	1521.3	1526.9	1529.8	1529.3	1527.8	1520.0	1510.4	1496.2	1482.9	1465.3
17	1711.8	1677.3	1647.1	1616.3	1585.2	1558.0	1529.5	1503.5	1474.6	1449.7	1424.2
19	1437.4	1454.3	1464.9	1470.7	1473.8	1476.3	1475.9	1471.5	1464.6	1453.3	1438.1
20	1428.4	1448.5	1469.2	1476.4	1481.6	1485.7	1485.0	1481.5	1474.5	1465.6	1449.2
21	1428.5	1431.7	1441.7	1446.9	1451.8	1457.4	1457.6	1458.7	1449.2	1442.3	1432.9
22	1428.3	1432.8	1443.6	1448.2	1453.4	1457.7	1458.8	1457.1	1447.1	1440.5	1432.8
23	1364.1	1373.2	1385.0	1390.6	1397.8	1405.4	1406.7	1407.3	1404.1	1400.5	1393.1
24	1358.3	1367.7	1378.5	1385.1	1391.7	1398.3	1400.0	1399.8	1396.0	1392.6	1385.6
25	1332.5	1340.6	1354.9	1362.0	1371.2	1379.8	1383.4	1387.6	1384.6	1383.5	1378.4
26	1324.5	1333.7	1348.5	1357.1	1366.3	1374.8	1379.2	1382.8	1380.0	1379.1	1374.4
43	1520.0	1533.0	1548.3	1550.6	1557.1	1564.2	1570.3	1564.1	1561.5	1548.2	1538.2
44	1499.0	1515.6	1533.1	1537.3	1547.2	1554.2	1556.0	1553.0	1544.9	1537.8	1534.3
67	1319.8	1330.0	1343.8	1352.5	1361.8	1371.0	1375.6	1377.3	1375.6	1372.8	1366.4
68	1316.6	1327.5	1341.7	1351.4	1360.5	1370.2	1375.0	1376.6	1374.7	1372.1	1365.7
85	1585.0	1591.3	1598.1	1598.6	1600.8	1600.3	1593.4	1581.8	1568.1	1549.4	1527.3
86	1543.6	1568.0	1599.3	1624.4	1648.5	1667.4	1680.5	1688.9	1692.4	1695.6	1694.3
87	1443.8	1480.2	1519.1	1552.7	1588.2	1625.8	1651.2	1680.6	1700.8	1721.9	1739.4
88	1368.3	1400.9	1443.3	1480.0	1518.7	1529.3	1534.4	1557.0	1588.2	1621.7	1655.2
89	1309.5	1327.3	1350.9	1372.1	1398.4	1427.2	1454.6	1481.5	1510.9	1541.7	1572.2
90	1308.7	1325.0	1347.9	1369.1	1394.4	1424.0	1451.6	1478.8	1507.3	1539.3	1568.8
91	1316.6	1330.3	1351.3	1371.5	1395.3	1424.5	1450.6	1479.0	1509.1	1542.1	1572.3
921	1735.8	1692.3	1651.0	1609.1	1565.9	1528.1	1487.3	1449.0	1406.8	1367.9	1329.6

Table XXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 640.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 44	R: 45	R: 46	R: 47	R: 48	R: 49	R: 50	R: 51	R: 52	R: 53	R: 54
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1409.5	1452.8	1501.3	1545.6	1595.1	1642.6	1688.5	1730.8	1775.2	1817.8	1859.3
93	1341.8	1372.2	1408.0	1441.3	1480.1	1519.5	1558.2	1594.7	1634.0	1673.9	1713.0
94	1405.3	1446.8	1493.3	1535.9	1583.6	1629.8	1674.6	1716.0	1759.5	1802.4	1843.5
95	1355.2	1385.5	1427.8	1464.4	1502.9	1513.6	1518.7	1541.3	1572.7	1606.5	1640.1
125	1859.7	1852.8	1850.2	1845.7	1842.7	1839.6	1837.4	1834.1	1830.6	1828.2	1825.4
126	1368.3	1382.3	1397.5	1405.4	1412.7	1417.3	1416.2	1410.3	1398.3	1385.6	1370.2
128	1788.1	1768.8	1753.6	1737.5	1722.5	1709.7	1695.9	1683.7	1670.5	1659.8	1649.5
132	1308.8	1307.6	1312.6	1316.7	1326.0	1340.9	1355.5	1371.5	1390.7	1413.8	1437.7
201	2123.5	2092.8	2060.5	2022.9	1979.2	1933.8	1883.0	1832.1	1771.4	1710.7	1645.2
202	2187.7	2172.8	2157.0	2135.1	2107.7	2076.2	2039.3	2001.5	1954.4	1906.9	1854.3
203	2196.6	2198.6	2200.4	2195.5	2185.4	2168.8	2147.2	2122.7	2089.0	2055.0	2012.4
204	2137.3	2158.8	2179.9	2192.8	2202.1	2203.2	2199.5	2191.4	2175.7	2156.6	2130.5
205	2005.5	2044.6	2084.4	2115.9	2145.9	2167.4	2183.7	2194.0	2198.6	2199.2	2193.3
206	1863.5	1911.3	1961.2	2003.4	2046.0	2081.3	2112.2	2137.2	2158.7	2176.1	2187.7
207	1738.8	1789.0	1842.4	1889.2	1938.4	1981.1	2020.1	2053.9	2086.3	2114.8	2138.7
208	1654.6	1704.7	1758.6	1806.6	1857.8	1903.3	1946.0	1983.8	2021.4	2055.6	2086.3
209	1970.0	1978.2	1987.3	1988.9	1988.0	1983.6	1973.3	1959.6	1939.3	1914.5	1884.4
210	2049.9	2063.2	2077.0	2083.6	2086.1	2084.6	2077.3	2066.2	2048.3	2025.8	1997.5
211	2114.6	2132.8	2151.1	2161.5	2168.9	2169.8	2165.0	2156.0	2139.5	2118.9	2091.8
212	2116.4	2136.7	2156.2	2168.6	2177.2	2177.8	2173.1	2164.4	2148.0	2129.3	2103.7
213	2055.6	2072.1	2088.1	2097.0	2102.0	2099.4	2091.7	2080.3	2061.4	2041.7	2015.5
214	1965.1	1977.9	1990.2	1995.6	1996.9	1991.2	1980.3	1966.1	1944.5	1923.0	1895.2
215	1736.2	1693.7	1653.5	1612.6	1570.4	1533.4	1493.4	1456.3	1415.4	1377.8	1340.3
216	1579.8	1596.0	1609.8	1615.7	1621.4	1626.0	1623.7	1617.9	1606.8	1591.5	1571.0
217	1581.3	1599.5	1615.7	1624.0	1631.2	1633.9	1630.4	1623.4	1610.3	1597.4	1579.3
218	1410.3	1452.0	1499.1	1541.9	1589.9	1636.3	1681.5	1723.0	1766.6	1809.3	1850.2
219	1399.7	1409.8	1422.3	1429.4	1434.8	1441.6	1443.9	1442.1	1436.4	1429.3	1418.1
220	1393.7	1405.6	1419.1	1428.1	1433.8	1439.2	1442.4	1440.8	1434.2	1427.2	1416.6
221	1291.9	1299.5	1310.2	1317.5	1326.3	1336.2	1342.2	1345.1	1345.4	1344.8	1341.0
222	1350.1	1347.7	1347.7	1347.5	1347.3	1346.3	1346.1	1346.2	1345.8	1345.8	1345.2
223	1258.8	1265.2	1275.0	1281.5	1287.8	1298.6	1302.5	1304.4	1303.3	1301.2	1295.9
224	1260.4	1267.4	1277.9	1285.6	1295.5	1305.2	1310.5	1313.1	1312.5	1311.4	1306.9
225	1648.8	1617.0	1589.4	1561.7	1534.4	1512.4	1488.7	1467.7	1445.1	1426.3	1408.5
226	1863.4	1818.8	1775.3	1729.9	1681.1	1635.3	1586.3	1539.6	1486.7	1436.2	1384.2
227	1932.6	1889.2	1846.3	1800.9	1750.5	1701.9	1650.5	1601.3	1544.7	1490.2	1433.8
228	2026.1	1985.8	1944.7	1899.7	1849.3	1799.7	1745.2	1691.9	1629.4	1568.5	1503.6

Table XXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 640.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 44	R: 45	R: 46	R: 47	R: 48	R: 49	R: 50	R: 51	R: 52	R: 53	R: 54
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1502.4	1550.2	1602.9	1650.5	1702.7	1751.1	1797.6	1839.8	1883.0	1924.0	1962.8
230	1321.2	1341.4	1367.9	1392.6	1422.6	1455.1	1486.9	1517.8	1551.5	1587.0	1622.2
231	1756.4	1757.2	1759.1	1756.4	1750.9	1743.0	1730.6	1715.8	1695.5	1671.9	1643.8
232	1897.7	1902.3	1907.3	1905.7	1902.0	1894.8	1882.3	1866.9	1845.0	1819.1	1788.1
233	1882.3	1890.3	1897.8	1899.8	1897.1	1888.7	1875.6	1859.9	1837.4	1815.4	1787.9
234	1746.5	1751.5	1756.4	1756.9	1752.1	1743.2	1729.9	1714.4	1692.8	1672.3	1646.8
235	1379.5	1418.2	1439.4	1454.3	1469.8	1481.3	1485.3	1484.9	1478.7	1468.2	1450.7
236	1337.3	1367.8	1402.0	1427.5	1453.9	1478.1	1495.7	1509.3	1519.3	1527.3	1530.5
237	1306.9	1330.6	1358.8	1384.0	1414.0	1445.1	1473.3	1500.1	1531.1	1560.4	1588.2
238	1310.1	1329.5	1355.1	1378.8	1407.3	1438.0	1466.5	1494.8	1524.6	1557.4	1590.5
239	1315.2	1332.6	1356.1	1377.9	1405.3	1435.6	1464.9	1493.8	1525.5	1559.2	1592.6
240	1320.6	1326.4	1338.8	1350.5	1367.5	1389.7	1411.0	1432.6	1457.1	1484.5	1512.2
241	1254.6	1281.9	1310.2	1332.4	1356.2	1379.4	1396.1	1409.1	1418.9	1426.9	1430.6
242	1104.6	1039.2	993.7	956.8	939.2	939.3	938.0	935.2	931.2	933.3	942.6
243	779.7	743.2	707.0	675.7	646.9	635.8	716.8	821.8	878.7	914.2	940.5
244	1654.9	1628.2	1606.1	1583.8	1562.8	1546.2	1528.6	1513.3	1497.0	1484.3	1472.4
245	1636.9	1606.6	1580.6	1554.4	1529.2	1509.1	1487.5	1468.5	1448.2	1431.8	1416.3
246	1467.0	1469.1	1474.7	1478.9	1481.4	1483.6	1480.6	1473.2	1466.3	1456.0	1441.9
247	1400.3	1416.4	1432.8	1441.8	1453.2	1459.1	1457.7	1453.1	1442.8	1429.1	1409.6
248	1356.4	1366.4	1378.4	1385.6	1393.1	1400.7	1402.1	1401.6	1397.2	1392.9	1380.8
249	1361.4	1372.2	1384.3	1391.7	1398.9	1405.5	1407.3	1406.8	1402.1	1398.9	1381.6
250	1152.3	1167.4	1186.4	1200.8	1217.0	1235.1	1246.1	1253.8	1257.4	1258.3	1254.6
251	1182.1	1169.0	1158.1	1146.1	1135.5	1130.6	1124.8	1120.2	1114.8	1112.1	1108.1
252	154.7	155.9	161.6	161.8	176.5	176.8	184.9	188.2	192.9	195.4	194.6

Table XXXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 91	R: 92	R: 93	R: 94	R: 95	R: 96	R: 97
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1062.5	1098.0	1132.2	1169.3	1198.8	1228.8	1262.8
3	1185.8	1204.2	1216.3	1225.0	1229.3	1228.5	1225.9
4	1195.2	1208.8	1222.5	1230.5	1235.6	1237.4	1237.8
5	1207.6	1219.5	1225.1	1234.3	1237.5	1231.7	1220.1
6	1209.3	1218.8	1223.5	1228.1	1229.2	1227.2	1226.0
7	1223.8	1231.0	1232.7	1232.1	1227.9	1220.7	1212.0
8	1227.9	1233.2	1233.9	1234.7	1232.9	1226.4	1219.5
9	1330.4	1303.4	1274.0	1244.6	1218.6	1188.4	1159.9
10	1035.0	1065.3	1093.9	1126.0	1154.3	1182.5	1214.1
11	1189.5	1200.7	1201.8	1202.1	1198.3	1191.8	1181.6
12	1196.4	1201.3	1202.2	1203.9	1201.5	1196.7	1187.1
13	1182.1	1182.9	1188.1	1195.7	1197.2	1191.6	1180.6
14	1185.1	1186.2	1188.9	1193.4	1199.0	1194.6	1187.4
15	1912.9	1911.3	1910.0	1909.0	1907.9	1907.6	1907.5
16	1171.0	1178.0	1181.0	1184.8	1185.4	1181.6	1176.5
17	1314.9	1294.0	1271.4	1248.7	1228.1	1203.5	1181.1
19	1103.2	1122.9	1129.7	1139.2	1142.0	1139.4	1138.1
20	1103.3	1123.8	1137.4	1145.4	1149.0	1148.9	1150.0
21	1094.5	1104.1	1112.0	1120.0	1123.8	1124.0	1124.3
22	1098.8	1108.1	1115.4	1123.0	1126.9	1127.1	1128.2
23	1046.5	1059.9	1069.4	1077.9	1083.4	1085.4	1086.8
24	1045.4	1057.8	1066.2	1075.0	1080.1	1082.1	1083.6
25	1020.5	1033.9	1044.8	1054.5	1061.1	1064.3	1067.6
26	1018.2	1031.2	1042.5	1052.8	1059.6	1063.3	1067.1
43	1162.2	1177.9	1191.5	1200.7	1206.1	1206.9	1207.3
44	1150.4	1169.8	1181.8	1192.3	1199.6	1202.3	1205.1
67	1011.2	1025.7	1037.0	1048.0	1055.0	1058.4	1062.0
68	1012.5	1026.7	1038.1	1049.8	1056.7	1060.6	1064.6
85	1218.7	1231.2	1237.6	1240.2	1242.8	1237.3	1230.8
86	1184.9	1213.7	1236.6	1259.4	1276.4	1288.7	1301.0
87	1104.1	1140.1	1171.4	1203.9	1229.9	1252.9	1275.8
88	1051.1	1079.1	1104.6	1134.6	1161.4	1185.7	1204.3
89	1005.0	1024.6	1043.0	1064.6	1083.5	1102.9	1125.3
90	1002.7	1022.5	1041.0	1062.8	1081.3	1099.9	1120.8
91	1008.8	1026.4	1043.4	1063.7	1080.6	1098.6	1120.5
921	1341.7	1312.1	1279.7	1246.8	1217.8	1184.4	1152.2

Table XXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 91	R: 92	R: 93	R: 94	R: 95	R: 96	R: 97
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1080.7	1120.8	1157.9	1198.7	1233.8	1268.2	1305.6
93	1029.0	1058.6	1086.6	1118.2	1145.9	1173.8	1205.1
94	1080.2	1118.1	1153.4	1192.4	1226.3	1259.5	1295.9
95	1040.6	1066.8	1090.6	1119.0	1145.8	1170.1	1188.6
125	1582.9	1577.7	1573.4	1569.1	1566.7	1565.0	1563.6
126	1054.8	1070.0	1080.1	1089.9	1096.9	1098.2	1096.7
128	1379.0	1368.1	1354.9	1343.0	1333.3	1319.6	1309.3
132	1005.2	1010.0	1014.5	1022.0	1029.0	1037.2	1049.0
201	1640.3	1620.1	1592.4	1561.4	1532.2	1492.8	1453.0
202	1689.2	1681.6	1666.3	1648.3	1629.8	1601.5	1572.9
203	1695.0	1700.9	1699.1	1695.5	1689.1	1672.9	1656.5
204	1648.2	1669.7	1683.3	1694.9	1701.9	1699.4	1697.8
205	1544.6	1580.5	1608.7	1636.8	1658.7	1672.3	1686.4
206	1433.6	1476.8	1512.9	1550.6	1581.7	1606.2	1632.2
207	1336.7	1381.9	1422.1	1464.1	1499.1	1529.5	1562.0
208	1271.1	1316.2	1356.7	1400.1	1436.6	1469.6	1504.9
209	1514.5	1528.0	1533.9	1537.5	1537.5	1528.6	1519.6
210	1577.2	1593.9	1603.0	1610.3	1612.8	1606.6	1600.6
211	1628.8	1648.9	1660.5	1670.8	1676.4	1672.9	1669.8
212	1633.9	1653.5	1665.5	1676.3	1682.8	1680.9	1679.0
213	1588.6	1604.5	1613.2	1621.0	1625.3	1621.2	1617.4
214	1519.9	1532.5	1538.0	1543.0	1544.7	1538.6	1532.3
215	1337.6	1308.3	1277.4	1245.6	1216.9	1183.6	1151.7
216	1211.0	1229.2	1241.1	1251.1	1255.9	1254.4	1251.5
217	1220.9	1237.3	1247.8	1258.0	1263.3	1263.5	1262.7
218	1081.7	1120.5	1156.6	1196.3	1230.7	1264.3	1300.8
219	1073.5	1087.9	1097.8	1107.5	1111.8	1112.9	1114.5
220	1073.1	1087.6	1097.7	1108.3	1112.6	1113.5	1116.6
221	990.3	1002.8	1011.8	1021.5	1028.0	1031.9	1036.6
222	991.0	1003.0	1012.3	1022.3	1029.1	1034.4	1039.0
223	964.4	976.4	985.1	994.7	999.4	1003.7	1006.7
224	967.7	979.8	988.9	999.0	1006.4	1010.5	1014.6
225	1271.3	1251.1	1229.3	1208.2	1190.1	1168.9	1150.4
226	1439.4	1408.2	1373.2	1336.2	1303.2	1264.0	1225.5
227	1493.3	1463.0	1428.1	1391.0	1357.4	1316.7	1276.6
228	1565.5	1537.4	1503.4	1466.5	1432.1	1389.1	1346.0

Table XXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 91	R: 92	R: 93	R: 94	R: 95	R: 96	R: 97
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1152.6	1196.2	1236.0	1279.2	1316.4	1351.6	1389.8
230	1014.1	1035.9	1056.5	1081.0	1102.6	1124.8	1150.5
231	1348.5	1356.4	1358.1	1357.5	1353.9	1343.2	1332.2
232	1458.3	1468.8	1472.1	1473.1	1470.8	1460.1	1449.2
233	1456.0	1464.6	1466.8	1468.6	1467.8	1459.9	1451.8
234	1351.2	1357.3	1358.0	1358.3	1356.1	1348.1	1339.8
235	1057.0	1092.8	1110.0	1126.7	1138.4	1143.2	1146.4
236	1025.3	1054.5	1081.0	1106.3	1126.7	1141.9	1155.9
237	1002.9	1026.8	1048.9	1073.6	1095.1	1116.5	1139.8
238	1005.2	1026.2	1046.3	1070.3	1091.0	1111.6	1134.6
239	1009.6	1029.2	1047.6	1069.7	1089.4	1109.7	1133.4
240	1013.6	1024.3	1034.5	1048.5	1060.9	1074.6	1091.7
241	961.2	988.7	1011.3	1034.1	1051.2	1065.9	1079.3
242	837.0	800.3	772.5	749.3	735.0	729.8	728.6
243	598.3	573.6	546.4	521.3	501.2	488.7	552.3
244	1276.5	1260.2	1242.2	1225.7	1211.8	1195.3	1181.6
245	1262.2	1243.2	1222.5	1202.9	1186.1	1166.5	1149.7
246	1125.3	1134.7	1139.7	1146.3	1147.3	1145.7	1142.8
247	1073.2	1092.5	1105.7	1117.4	1126.0	1126.5	1124.8
248	1040.4	1054.6	1064.1	1073.4	1078.9	1081.1	1082.4
249	1047.6	1060.9	1070.1	1079.2	1084.5	1086.9	1088.5
250	880.4	900.0	915.9	932.3	943.5	953.2	961.9
251	906.0	902.6	896.4	892.4	885.9	877.3	871.1
252	114.6	120.7	122.6	128.5	138.0	135.3	145.0

Table XXXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
	R: 110	R: 111	R: 112	R: 113	R: 114	R: 115	R: 116	R: 117	R: 118	R: 119	R: 120
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1066.5	1098.2	1134.3	1161.3	1199.3	1231.8	1262.1	1298.5	1330.1	1360.2	1392.7
3	1195.5	1205.6	1218.3	1224.1	1228.1	1230.4	1229.0	1223.9	1215.1	1203.7	1187.0
4	1189.1	1205.4	1222.9	1228.2	1234.4	1236.9	1236.1	1230.9	1223.4	1212.8	1199.1
5	1216.7	1220.2	1226.6	1233.3	1236.3	1233.9	1223.7	1214.5	1203.8	1191.4	1174.4
6	1208.2	1214.9	1223.0	1227.6	1226.9	1226.9	1223.7	1215.2	1200.9	1187.3	1172.2
7	1228.2	1229.1	1231.3	1230.6	1224.2	1221.9	1213.3	1203.5	1189.8	1174.8	1156.3
8	1226.5	1229.2	1233.6	1234.5	1230.4	1226.1	1217.2	1207.4	1195.1	1181.0	1168.7
9	1332.3	1300.7	1274.2	1247.2	1217.0	1190.7	1161.9	1135.7	1108.1	1081.4	1054.3
10	1039.5	1065.3	1095.1	1124.0	1151.8	1181.7	1212.6	1241.5	1271.7	1300.1	1330.3
11	1196.8	1200.6	1202.9	1203.1	1197.1	1194.7	1185.5	1173.4	1156.0	1146.9	1131.8
12	1196.0	1197.7	1201.7	1203.5	1199.2	1196.7	1185.2	1171.8	1153.3	1139.3	1122.3
13	1188.4	1183.1	1190.1	1196.0	1195.9	1194.7	1183.7	1174.5	1161.9	1154.1	1145.2
14	1184.6	1182.9	1188.6	1192.7	1196.6	1194.7	1185.5	1172.7	1160.6	1149.4	1139.7
15	1884.0	1882.1	1881.4	1881.4	1879.7	1879.3	1878.3	1877.3	1876.0	1874.8	1873.9
16	1170.0	1174.4	1180.6	1184.1	1182.8	1181.0	1174.4	1166.5	1156.2	1143.2	1128.5
17	1318.6	1292.3	1271.8	1250.6	1226.1	1205.4	1182.5	1161.8	1140.8	1119.3	1098.0
19	1110.2	1123.1	1131.2	1139.5	1141.0	1141.8	1140.1	1138.0	1131.4	1122.1	1109.6
20	1103.5	1120.9	1137.0	1144.4	1146.6	1148.9	1148.7	1145.5	1140.5	1131.0	1117.3
21	1099.8	1103.9	1113.6	1120.4	1123.0	1126.1	1126.0	1126.8	1119.1	1112.5	1104.0
22	1099.6	1105.4	1115.0	1121.7	1124.4	1126.9	1127.1	1125.8	1118.5	1110.7	1103.7
23	1051.9	1060.2	1071.0	1078.6	1082.8	1087.5	1088.2	1088.6	1085.5	1081.0	1074.4
24	1046.2	1055.4	1065.7	1073.4	1077.4	1081.6	1082.2	1081.9	1079.1	1073.8	1067.0
25	1026.0	1033.9	1046.6	1055.3	1060.8	1066.5	1069.1	1072.0	1069.4	1066.8	1062.0
26	1019.3	1029.1	1042.2	1051.3	1057.2	1062.9	1066.0	1068.0	1066.4	1063.3	1058.6
43	1169.0	1179.0	1193.5	1200.9	1204.5	1209.0	1210.2	1208.0	1202.0	1194.1	1182.6
44	1151.2	1166.7	1181.3	1190.9	1197.3	1202.3	1203.5	1201.1	1195.7	1187.4	1177.7
67	1016.1	1026.0	1038.6	1048.5	1054.6	1060.1	1063.4	1064.5	1062.9	1059.0	1053.1
68	1014.1	1024.9	1037.9	1048.1	1054.4	1060.4	1063.7	1064.6	1063.1	1058.6	1052.5
85	1227.0	1231.8	1238.7	1239.6	1241.1	1240.2	1234.8	1226.8	1214.9	1200.1	1182.0
86	1185.5	1210.3	1235.9	1257.3	1273.8	1288.8	1299.0	1305.6	1309.5	1309.2	1308.0
87	1110.9	1141.6	1173.9	1202.4	1227.5	1253.1	1276.1	1296.4	1314.6	1329.8	1343.3
88	1054.4	1078.1	1105.0	1131.9	1158.7	1185.4	1204.0	1219.0	1241.7	1264.6	1285.7
89	1008.2	1024.2	1044.2	1063.8	1082.2	1103.0	1124.5	1143.7	1165.6	1187.0	1210.4
90	1006.8	1022.3	1042.4	1059.6	1080.2	1100.5	1120.1	1142.6	1164.8	1185.9	1209.2
91	1012.0	1026.0	1044.8	1060.0	1080.5	1100.4	1120.1	1144.1	1166.2	1188.0	1212.5
921	1343.1	1308.9	1279.4	1249.7	1216.0	1186.3	1153.5	1123.1	1090.8	1056.7	1024.0

Table XXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 110	R: 111	R: 112	R: 113	R: 114	R: 115	R: 116	R: 117	R: 118	R: 119	R: 120
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1085.6	1120.8	1159.1	1196.0	1230.9	1267.1	1303.8	1337.5	1371.8	1403.0	1435.6
93	1033.5	1058.7	1087.9	1116.4	1143.7	1173.2	1203.7	1232.3	1262.2	1290.4	1320.5
94	1084.6	1117.9	1154.5	1189.5	1223.4	1258.6	1294.4	1327.4	1361.0	1391.6	1423.6
95	1044.3	1066.3	1091.5	1116.7	1143.1	1169.7	1188.3	1203.4	1226.2	1249.3	1272.1
125	1492.5	1488.0	1485.4	1484.3	1480.7	1479.0	1477.0	1473.9	1471.7	1469.1	1467.2
126	1054.7	1067.2	1079.6	1088.2	1094.3	1097.7	1095.5	1090.4	1081.1	1069.2	1056.1
128	1382.0	1365.7	1355.2	1344.5	1331.2	1321.7	1310.2	1301.1	1291.3	1282.1	1273.9
132	1008.3	1009.4	1015.3	1021.7	1027.8	1037.6	1048.6	1060.7	1075.0	1089.6	1107.2
201	1643.5	1616.6	1592.8	1565.2	1530.2	1496.4	1455.9	1415.7	1370.5	1324.4	1273.5
202	1693.1	1678.3	1666.8	1650.8	1627.3	1604.9	1575.6	1546.1	1511.6	1474.9	1434.5
203	1699.7	1698.1	1699.8	1696.7	1686.1	1675.8	1658.7	1639.8	1615.7	1588.6	1557.2
204	1653.5	1667.7	1683.9	1695.2	1698.3	1701.5	1699.1	1693.7	1683.0	1668.3	1649.1
205	1550.3	1578.9	1609.5	1635.5	1654.7	1673.4	1686.8	1696.0	1700.9	1700.5	1697.5
206	1439.2	1475.6	1513.8	1548.3	1577.6	1606.5	1631.7	1652.4	1669.9	1682.4	1692.6
207	1342.2	1381.0	1422.9	1461.4	1495.2	1529.2	1561.0	1588.5	1613.9	1634.3	1653.9
208	1276.5	1315.5	1357.5	1397.1	1432.7	1468.9	1503.7	1534.4	1563.5	1588.5	1612.9
209	1523.5	1527.7	1535.0	1538.1	1534.8	1532.2	1524.3	1514.0	1499.0	1480.4	1457.6
210	1585.4	1593.4	1604.0	1610.7	1609.8	1610.0	1604.5	1596.7	1583.6	1566.7	1545.7
211	1635.9	1647.4	1661.4	1671.1	1673.0	1675.6	1672.7	1666.3	1654.7	1639.0	1618.9
212	1637.1	1650.4	1665.8	1676.3	1679.5	1682.4	1679.1	1673.0	1662.1	1646.8	1628.2
213	1589.7	1600.7	1613.3	1621.3	1622.0	1622.1	1616.3	1607.7	1595.1	1578.4	1559.1
214	1519.4	1527.8	1537.9	1543.3	1541.7	1539.1	1530.3	1519.5	1504.8	1486.4	1465.7
215	1339.7	1305.8	1277.5	1248.6	1215.6	1186.2	1153.6	1123.9	1092.6	1062.6	1032.0
216	1219.7	1230.5	1242.9	1251.2	1254.1	1257.1	1255.2	1250.8	1241.8	1229.9	1213.5
217	1220.0	1233.2	1247.3	1257.2	1261.1	1263.6	1260.5	1254.9	1246.1	1233.4	1219.1
218	1086.7	1120.7	1157.9	1193.6	1227.7	1263.2	1299.2	1332.4	1366.3	1397.1	1428.9
219	1079.2	1088.2	1099.5	1108.0	1110.9	1114.9	1116.4	1114.9	1110.0	1103.1	1093.5
220	1074.1	1085.1	1097.4	1107.1	1110.3	1113.5	1115.7	1114.0	1109.3	1101.6	1092.2
221	995.0	1003.0	1013.3	1022.1	1027.7	1033.7	1038.2	1040.2	1039.9	1037.8	1033.9
222	997.6	999.3	1003.1	1006.2	1014.5	1021.8	1027.5	1036.4	1039.2	1038.5	1034.6
223	968.9	976.7	986.7	995.1	999.0	1005.5	1008.1	1009.2	1007.8	1004.6	999.5
224	969.0	977.9	988.4	997.5	1004.1	1010.0	1013.5	1015.1	1014.6	1011.2	1006.6
225	1273.4	1248.6	1229.3	1209.9	1188.2	1170.6	1151.1	1134.4	1117.0	1100.9	1085.6
226	1441.1	1404.9	1373.2	1339.6	1301.5	1266.6	1227.3	1190.4	1150.6	1109.8	1067.3
227	1495.3	1459.6	1428.3	1394.7	1356.0	1320.0	1279.0	1240.3	1198.3	1154.0	1107.2
228	1568.2	1534.0	1503.9	1470.3	1430.6	1393.0	1348.9	1306.4	1259.7	1212.4	1161.4

Table XXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
	R: 110	R: 111	R: 112	R: 113	R: 114	R: 115	R: 116	R: 117	R: 118	R: 119	R: 120
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1157.6	1195.8	1237.0	1276.0	1313.0	1350.8	1388.2	1422.3	1456.0	1486.1	1516.6
230	1017.9	1035.6	1057.7	1079.4	1100.7	1124.5	1149.5	1173.5	1199.3	1224.0	1250.9
231	1357.5	1356.6	1359.1	1358.1	1352.0	1347.1	1337.2	1325.8	1310.1	1292.1	1270.2
232	1467.3	1468.7	1473.2	1473.7	1468.4	1463.9	1454.2	1442.4	1425.8	1406.4	1382.6
233	1454.7	1459.8	1466.5	1468.9	1464.8	1460.1	1449.4	1437.3	1421.7	1402.8	1381.9
234	1349.1	1352.4	1357.4	1358.4	1353.5	1348.0	1337.1	1324.8	1309.7	1291.7	1271.9
235	1062.8	1094.2	1112.1	1126.7	1137.2	1145.0	1148.2	1148.0	1142.5	1133.1	1118.8
236	1029.8	1055.3	1083.2	1105.9	1125.8	1142.4	1156.3	1167.4	1174.1	1179.5	1180.9
237	1005.9	1026.5	1050.4	1072.2	1093.9	1116.9	1139.3	1162.3	1184.3	1204.5	1225.7
238	1008.5	1025.9	1047.6	1068.8	1089.7	1111.8	1134.1	1161.6	1184.8	1207.0	1230.9
239	1013.0	1028.7	1048.7	1068.1	1087.8	1109.7	1132.5	1155.1	1179.3	1202.6	1228.2
240	1016.7	1023.6	1035.5	1047.7	1059.6	1074.8	1091.2	1108.1	1126.4	1144.5	1165.2
241	964.3	989.1	1013.0	1033.7	1050.5	1066.6	1079.5	1089.6	1096.6	1100.9	1102.8
242	837.0	799.8	771.4	748.0	734.7	729.2	728.2	723.5	719.9	721.1	724.8
243	597.5	570.8	544.8	522.3	500.2	487.7	548.4	627.3	671.0	705.4	724.9
244	1278.5	1257.6	1242.2	1227.1	1209.9	1196.7	1182.3	1170.1	1157.8	1146.5	1136.3
245	1264.3	1240.8	1222.5	1204.5	1184.3	1168.1	1150.5	1135.3	1119.7	1105.4	1092.1
246	1131.9	1134.9	1140.9	1146.7	1146.5	1148.3	1145.5	1139.6	1132.1	1124.2	1112.3
247	1079.1	1093.0	1107.4	1117.1	1125.0	1128.5	1127.0	1123.2	1114.8	1103.2	1087.1
248	1045.9	1054.8	1065.9	1074.4	1078.8	1083.7	1084.5	1084.0	1080.3	1075.2	1064.8
249	1048.3	1058.5	1069.6	1077.8	1081.9	1086.5	1087.4	1086.6	1083.5	1078.6	1064.0
250	886.4	901.2	918.4	933.4	944.9	956.3	964.6	970.1	972.2	971.2	967.8
251	908.7	902.4	897.9	893.5	886.9	878.9	872.7	866.9	861.3	856.3	851.2
252	119.8	120.6	123.8	125.1	134.3	134.2	143.3	148.4	142.8	153.2	153.9

Table XXXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 67	R: 68	R: 69	R: 70	R: 71	R: 72	R: 73	R: 74	R: 75	R: 76	R: 77
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1065.5	1088.8	1121.0	1155.8	1192.0	1227.8	1261.4	1294.4	1325.0	1357.3	1388.6
3	1163.2	1171.6	1184.7	1192.4	1198.0	1196.1	1194.2	1186.0	1178.5	1167.6	1152.1
4	1221.0	1232.0	1246.4	1257.5	1264.1	1270.5	1269.9	1266.8	1258.1	1248.8	1237.7
5	1181.1	1186.0	1193.1	1202.8	1207.4	1199.5	1191.2	1179.4	1170.4	1159.1	1143.9
6	1239.9	1248.1	1254.1	1257.4	1258.9	1258.2	1255.5	1246.2	1231.2	1219.5	1205.8
7	1194.9	1200.6	1203.1	1203.1	1199.3	1195.3	1184.6	1172.5	1164.8	1145.5	1128.4
8	1259.4	1263.2	1265.1	1264.3	1262.2	1257.7	1247.7	1236.8	1222.7	1210.7	1198.3
9	1329.8	1302.0	1274.4	1245.3	1217.5	1185.8	1155.5	1126.6	1099.9	1075.3	1052.9
10	1035.0	1062.4	1090.4	1120.1	1148.6	1179.1	1208.0	1239.7	1269.3	1300.3	1329.3
11	1169.9	1174.6	1175.1	1175.6	1170.6	1165.2	1155.7	1138.3	1128.8	1116.5	1099.3
12	1221.8	1226.1	1228.5	1228.9	1228.2	1225.8	1215.6	1202.8	1184.8	1169.5	1155.5
13	1158.4	1155.5	1161.7	1167.7	1169.9	1164.5	1157.1	1141.9	1132.2	1129.6	1116.6
14	1211.6	1212.0	1215.7	1218.5	1225.1	1223.0	1214.9	1201.8	1188.8	1177.5	1168.0
15	1946.2	1945.4	1944.7	1944.1	1943.4	1941.5	1939.8	1939.2	1938.4	1937.6	1936.4
16	1199.6	1205.0	1208.8	1210.7	1211.2	1209.2	1202.0	1193.4	1181.5	1169.3	1155.6
17	1314.7	1290.9	1268.1	1244.9	1222.9	1198.7	1175.9	1155.6	1137.9	1120.6	1100.9
19	1084.2	1100.4	1108.1	1116.7	1119.6	1118.6	1117.6	1113.1	1106.9	1098.6	1086.9
20	1126.6	1145.6	1159.1	1165.8	1169.8	1171.6	1170.9	1168.5	1162.4	1155.3	1142.0
21	1077.1	1083.7	1091.6	1099.3	1103.7	1104.5	1105.6	1104.1	1097.8	1092.1	1084.4
22	1118.7	1126.5	1134.7	1140.9	1145.2	1147.1	1145.9	1146.0	1137.8	1131.6	1125.2
23	1030.0	1041.3	1051.2	1059.0	1064.8	1067.8	1069.8	1068.9	1066.4	1063.3	1056.8
24	1064.9	1075.6	1084.5	1091.9	1097.4	1100.4	1100.0	1100.4	1096.6	1092.7	1086.3
25	1003.1	1015.1	1026.6	1036.4	1043.7	1048.1	1051.6	1053.7	1052.3	1051.4	1047.1
26	1037.9	1048.8	1060.2	1068.7	1075.7	1080.2	1081.8	1084.4	1081.8	1079.9	1075.2
43	1141.6	1154.5	1169.3	1173.4	1177.8	1182.6	1179.2	1173.7	1167.4	1159.5	1147.7
44	1171.5	1190.1	1204.9	1215.3	1224.6	1231.3	1233.2	1233.5	1227.6	1222.1	1214.7
67	997.8	1010.0	1021.4	1031.4	1038.2	1042.7	1045.9	1046.0	1044.2	1041.3	1035.2
68	1028.3	1041.1	1053.1	1063.3	1071.6	1077.0	1079.5	1081.8	1080.0	1077.5	1072.2
85	1188.3	1197.0	1201.7	1202.3	1208.9	1203.7	1198.4	1189.2	1177.7	1163.9	1146.2
86	1206.9	1234.7	1259.5	1281.7	1300.6	1318.3	1329.6	1339.6	1342.8	1346.0	1346.6
87	1095.2	1124.7	1153.4	1181.6	1208.4	1230.5	1252.8	1269.6	1286.0	1301.2	1312.3
88	1055.3	1081.9	1111.3	1143.7	1173.1	1197.1	1203.0	1218.8	1241.4	1267.1	1291.7
89	1008.1	1024.5	1041.7	1060.5	1079.3	1099.5	1118.4	1139.2	1159.6	1182.1	1203.5
90	1000.6	1017.0	1036.5	1057.8	1079.8	1102.2	1123.4	1146.2	1166.8	1190.4	1213.6
91	1010.2	1022.4	1039.1	1058.1	1079.1	1100.4	1120.6	1142.2	1163.1	1186.6	1210.3
921	1342.5	1312.9	1283.1	1251.2	1220.8	1186.1	1152.2	1120.0	1090.1	1060.3	1023.3

Table XXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 67	R: 68	R: 69	R: 70	R: 71	R: 72	R: 73	R: 74	R: 75	R: 76	R: 77
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1081.4	1117.8	1153.9	1191.5	1227.0	1264.7	1299.9	1336.7	1370.0	1404.0	1435.1
93	1028.9	1055.7	1083.1	1112.3	1140.5	1170.7	1199.4	1230.7	1259.9	1290.8	1319.7
94	1080.5	1115.3	1150.3	1186.8	1221.5	1258.3	1292.7	1329.1	1361.9	1395.4	1426.3
95	1043.7	1068.2	1095.8	1128.1	1157.3	1181.3	1187.3	1203.2	1226.0	1251.7	1276.6
125	1694.1	1691.5	1688.9	1686.3	1682.8	1674.5	1667.9	1664.7	1662.0	1659.2	1656.5
126	1079.9	1092.3	1102.0	1110.0	1115.9	1117.4	1112.9	1105.7	1094.9	1083.0	1069.9
128	1378.2	1365.8	1353.9	1341.9	1331.3	1319.1	1307.5	1297.3	1287.7	1280.4	1272.3
132	1005.5	1008.6	1013.5	1020.0	1027.4	1036.4	1046.1	1059.2	1073.1	1090.0	1106.8
201	1639.5	1618.1	1593.4	1564.0	1532.8	1493.0	1451.2	1407.7	1364.1	1320.2	1272.4
202	1688.2	1678.6	1665.8	1648.5	1628.3	1600.9	1570.9	1538.7	1504.6	1470.4	1432.2
203	1694.6	1697.7	1697.6	1693.6	1686.1	1671.8	1654.2	1633.2	1609.3	1584.7	1555.3
204	1647.4	1665.6	1679.9	1690.5	1696.7	1697.7	1694.6	1688.1	1677.0	1664.8	1647.0
205	1544.6	1576.1	1604.4	1630.2	1651.3	1669.2	1682.4	1691.7	1695.7	1698.2	1695.2
206	1432.8	1471.5	1507.7	1542.7	1573.2	1602.5	1627.3	1649.5	1665.8	1680.8	1690.6
207	1338.0	1378.7	1417.5	1456.0	1490.7	1525.8	1556.8	1586.3	1610.3	1633.6	1652.2
208	1272.0	1312.8	1352.4	1392.1	1428.5	1465.9	1499.5	1532.7	1560.5	1588.2	1611.6
209	1485.3	1494.4	1500.9	1504.5	1503.3	1495.0	1488.6	1476.1	1461.6	1445.0	1422.8
210	1554.1	1566.4	1576.4	1583.0	1584.4	1579.8	1575.2	1565.3	1552.8	1538.1	1517.7
211	1616.1	1631.9	1644.4	1653.8	1658.4	1657.4	1654.4	1646.5	1635.1	1621.8	1602.7
212	1645.6	1662.3	1675.1	1684.5	1690.3	1691.9	1687.6	1680.9	1669.3	1656.7	1639.5
213	1610.7	1624.3	1634.5	1641.2	1644.7	1645.0	1637.5	1628.5	1614.7	1600.8	1583.0
214	1549.8	1560.6	1568.1	1571.7	1572.9	1571.1	1560.7	1549.3	1533.2	1517.4	1498.3
215	1335.3	1306.0	1276.7	1245.5	1215.3	1181.5	1148.4	1116.5	1086.7	1058.5	1030.1
216	1183.6	1197.2	1208.6	1217.6	1221.7	1220.7	1219.3	1211.9	1202.9	1191.2	1174.9
217	1250.1	1265.6	1277.9	1287.2	1293.5	1297.7	1294.8	1290.2	1280.1	1270.3	1257.9
218	1077.5	1113.1	1150.2	1187.0	1221.4	1258.0	1292.2	1328.0	1360.8	1393.9	1424.1
219	1057.9	1069.4	1079.2	1087.8	1091.8	1093.9	1095.2	1091.8	1087.0	1080.7	1071.0
220	1091.4	1104.2	1115.6	1124.9	1130.4	1132.5	1135.6	1134.9	1129.8	1124.2	1115.9
221	976.0	986.0	995.0	1004.0	1011.1	1016.3	1020.4	1022.1	1022.1	1021.3	1017.5
222	1007.3	1018.2	1028.1	1036.9	1044.6	1049.3	1056.4	1057.0	1057.1	1056.3	1054.0
223	953.4	962.2	970.2	978.4	983.1	987.3	989.9	989.8	988.3	985.8	979.9
224	981.0	992.5	1002.9	1012.6	1021.0	1027.2	1029.8	1033.1	1032.5	1031.3	1027.4
225	1272.9	1251.5	1231.0	1209.8	1190.1	1168.8	1148.8	1130.3	1113.8	1099.3	1084.8
226	1440.8	1409.5	1377.1	1341.6	1306.9	1266.3	1225.5	1185.7	1147.7	1110.4	1070.2
227	1493.7	1463.1	1431.0	1395.6	1360.4	1318.4	1276.0	1234.2	1193.8	1154.1	1110.7
228	1565.6	1537.0	1506.1	1470.9	1434.9	1391.0	1345.8	1299.8	1254.3	1209.2	1160.6

Table XXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
	R: 67	R: 68	R: 69	R: 70	R: 71	R: 72	R: 73	R: 74	R: 75	R: 76	R: 77
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1152.9	1192.2	1231.1	1271.2	1308.6	1348.0	1384.1	1421.0	1453.5	1486.2	1515.5
230	1014.1	1033.3	1053.7	1076.2	1098.7	1122.9	1146.1	1172.4	1197.5	1224.6	1250.7
231	1314.1	1318.4	1320.7	1320.8	1317.1	1306.2	1298.6	1284.7	1270.0	1253.5	1232.4
232	1427.0	1433.5	1437.4	1438.7	1435.5	1425.1	1417.1	1402.8	1387.1	1369.2	1346.3
233	1488.5	1495.7	1499.9	1500.7	1499.3	1495.3	1483.1	1470.2	1453.2	1436.7	1417.6
234	1386.4	1391.3	1393.7	1392.9	1390.5	1385.7	1373.2	1360.2	1343.3	1327.2	1309.1
235	1051.3	1080.1	1094.8	1108.8	1118.0	1122.7	1123.6	1119.3	1111.5	1100.4	1083.8
236	1026.4	1051.3	1074.1	1095.3	1111.9	1126.1	1136.6	1144.0	1148.1	1150.8	1149.2
237	1007.3	1026.6	1046.6	1068.9	1089.8	1110.9	1129.7	1153.4	1172.7	1193.2	1212.0
238	1008.5	1026.5	1045.5	1066.1	1086.2	1106.7	1129.4	1153.0	1175.5	1199.5	1222.3
239	1010.2	1027.1	1045.3	1065.7	1086.1	1108.0	1129.3	1153.3	1176.5	1201.9	1226.4
240	1014.6	1023.0	1033.2	1045.5	1058.6	1073.4	1088.1	1105.8	1123.7	1143.9	1163.7
241	973.1	994.0	1011.7	1029.0	1043.7	1056.1	1065.1	1071.2	1075.1	1077.4	1076.0
242	831.1	795.9	771.3	750.7	737.3	729.3	728.0	727.1	722.2	718.2	715.6
243	597.8	575.2	551.2	526.8	504.7	486.4	518.2	624.1	675.1	700.9	714.8
244	1277.4	1259.8	1243.2	1226.4	1211.4	1194.9	1179.8	1166.5	1154.7	1145.0	1135.4
245	1263.9	1243.7	1224.2	1204.4	1186.2	1166.3	1147.9	1131.2	1116.4	1103.6	1091.0
246	1101.3	1110.0	1116.0	1120.9	1124.4	1122.7	1121.8	1114.0	1107.6	1101.0	1089.8
247	1060.7	1075.8	1087.6	1098.1	1104.8	1105.5	1103.9	1097.0	1087.8	1075.9	1059.3
248	1020.1	1032.8	1043.4	1053.2	1059.6	1064.0	1066.2	1065.7	1063.0	1060.1	1050.8
249	1070.0	1080.9	1090.1	1097.1	1102.1	1104.8	1103.9	1102.4	1098.2	1093.9	1079.8
250	849.3	863.7	879.7	897.6	912.3	924.8	936.8	944.5	949.7	952.4	951.7
251	901.0	895.0	889.0	882.5	874.8	861.6	852.2	842.2	836.7	833.7	831.1
252	116.8	119.5	120.8	122.8	131.8	132.6	139.9	147.7	140.6	153.7	153.0

Table XL: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
	R: 56	R: 57	R: 58	R: 59	R: 60	R: 61	R: 62	R: 63	R: 64	R: 65	R: 66
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1071.0	1099.8	1132.9	1163.5	1199.5	1230.9	1263.3	1291.7	1322.1	1354.5	1384.1
3	1221.7	1235.4	1246.3	1252.3	1258.6	1259.1	1257.5	1253.0	1242.3	1231.4	1219.4
4	1168.6	1179.5	1194.1	1199.4	1205.7	1207.6	1208.7	1203.2	1196.5	1185.6	1172.3
5	1244.1	1252.1	1256.8	1260.0	1265.9	1261.4	1249.6	1241.9	1229.1	1216.7	1203.8
6	1177.7	1186.8	1194.0	1198.1	1201.4	1201.1	1199.2	1191.3	1175.9	1161.6	1145.5
7	1264.5	1269.6	1261.8	1258.5	1255.5	1250.2	1244.5	1230.3	1215.6	1200.8	1185.1
8	1195.1	1200.6	1204.3	1204.0	1201.9	1198.6	1194.1	1184.7	1172.4	1157.7	1145.9
9	1329.5	1303.6	1274.5	1244.2	1218.1	1191.4	1165.2	1137.8	1109.7	1081.5	1055.9
10	1038.4	1066.4	1096.0	1124.7	1153.9	1180.4	1209.4	1236.8	1265.4	1296.0	1325.2
11	1217.6	1227.5	1228.5	1226.9	1224.2	1218.8	1212.8	1198.9	1181.0	1172.9	1158.8
12	1171.4	1174.9	1176.8	1176.4	1173.1	1170.4	1162.4	1148.5	1129.4	1115.5	1095.9
13	1209.8	1211.2	1215.8	1220.8	1222.7	1218.5	1208.5	1198.8	1185.5	1176.3	1171.0
14	1157.7	1158.9	1167.9	1171.0	1170.8	1169.2	1164.7	1150.3	1137.6	1130.4	1116.6
15	1963.2	1961.0	1960.2	1959.6	1958.8	1956.6	1954.6	1953.5	1952.2	1951.1	1950.1
16	1141.9	1148.9	1154.6	1157.1	1157.6	1156.4	1153.6	1146.0	1135.5	1122.5	1107.8
17	1318.0	1296.0	1272.0	1246.9	1225.6	1204.6	1184.2	1162.5	1140.3	1118.6	1098.3
19	1130.4	1145.5	1153.1	1159.5	1164.1	1161.1	1160.6	1156.9	1150.0	1140.9	1130.2
20	1081.6	1101.1	1116.2	1122.8	1126.6	1128.8	1130.8	1127.3	1121.5	1112.4	1098.9
21	1117.7	1125.5	1133.6	1138.7	1143.5	1143.1	1144.1	1142.7	1135.7	1128.6	1121.7
22	1080.9	1088.6	1097.3	1102.5	1106.8	1109.4	1111.4	1109.4	1101.9	1094.2	1087.6
23	1068.5	1080.0	1088.8	1095.0	1101.5	1102.3	1104.1	1103.9	1099.8	1095.5	1089.7
24	1028.7	1040.1	1049.4	1056.4	1062.0	1066.0	1068.5	1067.3	1064.4	1059.9	1054.1
25	1043.3	1053.7	1064.3	1071.2	1078.7	1080.5	1083.9	1084.4	1082.0	1079.3	1075.0
26	1000.6	1012.8	1025.5	1034.6	1042.3	1047.9	1052.9	1054.5	1051.8	1049.8	1045.8
43	1189.0	1202.6	1216.1	1224.2	1232.1	1233.6	1235.9	1233.4	1227.0	1219.8	1211.3
44	1131.3	1146.4	1157.6	1165.8	1171.6	1175.5	1178.3	1175.0	1168.5	1159.4	1148.3
67	1029.9	1043.0	1054.2	1063.0	1071.9	1073.8	1078.6	1078.8	1076.9	1073.5	1068.6
68	999.1	1011.9	1023.9	1033.3	1038.6	1045.6	1050.2	1050.0	1047.6	1043.3	1037.6
85	1256.3	1265.6	1271.1	1271.9	1274.3	1269.6	1264.9	1254.8	1241.8	1227.5	1212.8
86	1163.8	1188.9	1212.3	1231.1	1246.9	1259.6	1271.0	1276.6	1279.4	1278.9	1275.3
87	1120.6	1155.3	1189.2	1218.6	1247.7	1270.0	1293.6	1313.3	1330.6	1347.9	1362.9
88	1049.1	1073.7	1098.7	1122.4	1146.4	1167.6	1190.3	1210.0	1229.9	1250.4	1269.6
89	1003.6	1023.1	1043.3	1063.6	1085.0	1104.2	1125.3	1145.4	1164.8	1188.2	1211.1
90	1008.5	1024.7	1042.8	1060.3	1080.5	1098.0	1117.7	1135.6	1155.3	1177.3	1198.2
91	1012.1	1026.7	1044.0	1060.7	1081.7	1100.6	1121.1	1139.5	1159.8	1183.1	1205.2
921	1338.7	1309.3	1276.6	1242.1	1211.7	1181.2	1151.1	1119.8	1087.7	1055.4	1027.1

Table XL: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 56	R: 57	R: 58	R: 59	R: 60	R: 61	R: 62	R: 63	R: 64	R: 65	R: 66
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1084.2	1121.2	1159.5	1195.9	1232.4	1265.0	1300.1	1332.4	1364.9	1398.7	1429.9
93	1031.8	1059.1	1088.0	1116.5	1145.5	1171.7	1200.4	1227.7	1255.8	1286.1	1315.2
94	1078.9	1114.6	1152.5	1187.7	1223.1	1254.8	1288.9	1320.3	1352.1	1385.0	1415.5
95	1039.7	1062.9	1086.8	1109.5	1132.6	1153.2	1175.3	1195.4	1216.3	1238.1	1258.5
125	1759.3	1752.3	1748.5	1745.4	1741.1	1730.0	1721.5	1717.8	1714.2	1710.4	1707.4
126	1030.9	1046.1	1058.9	1067.4	1075.6	1080.2	1081.5	1077.7	1069.0	1057.8	1046.3
128	1379.2	1367.7	1355.3	1341.6	1332.3	1321.8	1312.8	1302.5	1292.1	1282.2	1274.1
132	1006.4	1010.4	1014.6	1020.5	1029.0	1037.1	1047.7	1058.2	1071.0	1086.8	1103.7
201	1638.3	1617.9	1592.1	1560.0	1529.5	1495.6	1459.2	1418.5	1373.9	1325.5	1278.3
202	1688.4	1679.8	1666.4	1646.5	1627.2	1603.9	1578.4	1547.6	1513.1	1474.8	1436.6
203	1695.4	1699.6	1700.1	1693.4	1686.1	1674.2	1660.0	1639.9	1615.7	1587.3	1557.7
204	1650.8	1669.4	1685.1	1692.7	1699.4	1700.1	1699.7	1692.6	1681.2	1666.0	1648.4
205	1547.9	1580.2	1610.8	1634.0	1656.0	1671.3	1685.7	1693.5	1697.2	1697.6	1694.8
206	1437.5	1476.9	1515.7	1548.1	1579.6	1604.6	1629.8	1649.0	1664.9	1678.7	1688.5
207	1342.2	1383.5	1425.2	1461.7	1497.4	1527.3	1558.3	1584.2	1607.8	1630.4	1649.3
208	1276.3	1317.7	1360.0	1397.9	1435.3	1467.3	1500.9	1529.9	1557.2	1584.3	1608.0
209	1549.1	1559.1	1565.1	1564.8	1565.3	1559.4	1552.1	1539.1	1522.7	1504.4	1485.2
210	1604.9	1618.0	1627.8	1630.9	1633.9	1630.9	1626.3	1615.7	1601.4	1584.8	1566.7
211	1644.7	1661.3	1674.5	1680.5	1686.3	1686.1	1684.1	1675.8	1663.3	1647.7	1630.0
212	1622.1	1639.6	1654.4	1661.8	1667.8	1668.8	1668.4	1661.6	1650.2	1634.6	1616.1
213	1564.4	1578.9	1590.9	1595.8	1599.2	1598.3	1596.1	1587.3	1574.4	1557.0	1537.2
214	1486.5	1498.3	1507.6	1510.1	1510.7	1507.8	1503.6	1493.1	1478.4	1459.0	1437.2
215	1339.0	1310.6	1279.0	1246.0	1217.1	1187.6	1158.1	1127.5	1096.0	1063.9	1034.4
216	1246.6	1261.9	1273.6	1280.2	1286.8	1286.3	1285.5	1279.0	1269.4	1258.0	1245.5
217	1190.9	1205.6	1218.0	1225.6	1230.1	1232.3	1232.4	1226.7	1217.3	1203.8	1187.5
218	1083.7	1122.6	1161.1	1196.7	1232.6	1264.5	1298.8	1330.5	1362.6	1395.8	1426.6
219	1095.4	1108.1	1117.9	1125.3	1131.6	1131.8	1135.5	1132.5	1127.4	1120.7	1112.7
220	1057.0	1069.8	1080.9	1088.3	1092.8	1095.8	1099.2	1096.8	1091.1	1083.5	1074.2
221	1009.2	1020.6	1029.4	1037.1	1045.1	1047.4	1053.0	1053.6	1052.9	1051.0	1047.7
222	1220.4	1217.3	1216.6	1216.0	1214.1	1021.1	1024.4	1025.6	1025.3	1024.1	1021.9
223	980.5	992.0	1001.1	1009.3	1015.4	1019.7	1023.5	1024.1	1022.7	1019.9	1015.8
224	956.9	966.4	975.0	980.9	989.9	995.0	999.4	999.7	998.2	994.9	990.5
225	1269.4	1249.2	1227.5	1205.3	1187.4	1169.1	1152.4	1134.7	1117.1	1100.2	1085.7
226	1434.7	1404.5	1370.3	1333.0	1299.4	1264.7	1229.3	1192.0	1152.8	1111.8	1071.7
227	1489.3	1459.9	1426.0	1388.6	1354.5	1318.7	1281.8	1242.6	1201.1	1157.6	1114.1
228	1562.0	1534.5	1501.6	1464.1	1429.1	1391.8	1352.0	1308.9	1262.8	1213.2	1164.9

Table XL: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	11.0°	14.0°	16.0°	18.0°
fice	R: 56	R: 57	R: 58	R: 59	R: 60	R: 61	R: 62	R: 63	R: 64	R: 65	R: 66
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1157.4	1197.4	1238.8	1277.1	1315.5	1349.3	1385.2	1417.5	1449.3	1481.7	1511.1
230	1016.1	1036.1	1057.5	1078.9	1101.8	1122.9	1146.9	1169.9	1194.3	1221.0	1246.9
231	1389.2	1393.6	1394.3	1390.2	1387.2	1378.9	1369.4	1355.1	1338.3	1320.2	1302.0
232	1495.4	1502.4	1505.6	1502.8	1501.0	1493.4	1484.1	1469.6	1451.9	1432.4	1412.5
233	1420.1	1428.3	1434.2	1434.1	1432.0	1427.4	1421.4	1409.8	1394.2	1374.1	1352.0
234	1312.4	1318.7	1322.8	1321.9	1318.9	1314.1	1308.1	1296.6	1281.6	1262.5	1241.6
235	1070.3	1100.4	1126.3	1141.3	1156.3	1163.1	1167.6	1168.5	1164.8	1157.0	1146.4
236	1027.6	1058.9	1088.3	1113.7	1138.2	1155.3	1170.9	1182.1	1191.7	1198.3	1202.6
237	1000.8	1024.9	1050.0	1073.6	1098.1	1118.7	1142.2	1163.7	1187.3	1209.9	1231.0
238	1004.6	1025.4	1047.3	1068.3	1091.2	1112.7	1135.5	1156.8	1183.8	1208.3	1231.7
239	1010.7	1029.1	1048.9	1068.5	1089.8	1108.9	1130.3	1153.0	1175.7	1201.0	1225.4
240	1014.0	1024.0	1034.8	1046.8	1061.1	1074.3	1090.1	1105.4	1122.3	1142.1	1162.1
241	952.4	982.0	1010.7	1034.1	1056.3	1072.9	1088.1	1100.2	1109.7	1117.2	1121.8
242	830.6	791.5	763.2	746.9	736.5	730.8	729.9	728.6	724.5	720.7	722.4
243	594.0	567.4	541.0	518.1	500.3	487.3	520.6	615.2	673.9	702.3	722.0
244	1274.4	1258.0	1240.6	1222.7	1209.1	1195.1	1183.0	1169.9	1157.0	1145.3	1135.7
245	1260.0	1241.2	1220.8	1200.1	1183.4	1166.5	1151.5	1135.4	1119.5	1104.6	1092.0
246	1154.9	1161.6	1163.2	1172.9	1169.9	1168.5	1166.6	1159.0	1150.7	1142.3	1132.0
247	1093.0	1110.7	1125.0	1133.4	1146.2	1147.0	1147.8	1143.1	1135.1	1124.4	1111.4
248	1066.2	1077.4	1086.1	1092.1	1098.2	1098.6	1100.0	1097.3	1092.6	1087.2	1076.9
249	1027.5	1040.3	1051.5	1059.8	1066.2	1071.2	1074.7	1073.8	1070.4	1066.4	1054.4
250	916.6	933.9	948.5	961.5	973.3	978.5	985.7	987.9	987.8	985.7	981.3
251	915.6	913.4	907.6	904.2	901.2	892.7	889.7	884.8	880.0	875.6	871.7
252	110.8	123.5	127.6	128.0	138.0	133.1	140.1	143.3	145.8	148.6	158.2

Table XLI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = .6.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 82	R: 83	R: 84	R: 85	R: 86	R: 87	R: 88	R: 89	R: 90
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1081.4	1112.4	1147.0	1181.0	1215.7	1251.2	1286.4	1316.1	1346.1
3	1121.4	1129.0	1134.0	1136.7	1136.4	1128.8	1120.4	1106.4	1090.9
4	1289.6	1302.5	1316.1	1324.3	1331.9	1336.2	1335.9	1327.6	1316.9
5	1128.5	1140.0	1144.6	1147.0	1143.2	1135.7	1120.3	1105.8	1091.6
6	1307.9	1315.0	1318.4	1324.5	1321.5	1321.1	1313.3	1294.0	1283.4
7	1140.2	1143.7	1142.5	1140.6	1136.0	1127.6	1117.6	1103.7	1089.7
8	1323.7	1325.9	1324.4	1322.9	1318.4	1310.6	1300.1	1281.1	1269.4
9	1290.2	1262.5	1233.3	1204.2	1174.3	1145.2	1118.3	1086.0	1060.4
10	1053.8	1082.4	1112.1	1140.8	1170.6	1202.0	1233.8	1258.5	1289.7
11	1126.2	1124.9	1126.3	1122.4	1112.8	1097.7	1080.3	1069.8	1052.5
12	1276.4	1280.8	1281.7	1283.9	1282.5	1278.5	1268.8	1249.7	1233.3
13	1105.8	1115.0	1118.1	1118.4	1112.9	1106.1	1087.9	1081.0	1070.9
14	1265.3	1270.6	1277.1	1279.6	1279.1	1276.0	1264.5	1248.1	1236.7
15	1925.4	1924.7	1924.3	1923.6	1922.8	1922.0	1921.0	1919.2	1918.6
16	1261.2	1265.1	1265.8	1267.1	1265.0	1260.4	1252.0	1235.3	1222.4
17	1288.1	1264.8	1240.5	1216.2	1191.4	1167.8	1147.2	1123.1	1106.9
19	1062.1	1070.7	1077.9	1080.0	1081.2	1077.6	1073.8	1062.3	1053.1
20	1193.7	1204.4	1210.9	1216.2	1219.4	1221.0	1220.0	1209.3	1204.6
21	1048.9	1058.3	1065.2	1068.6	1070.2	1071.8	1069.4	1060.4	1053.2
22	1167.7	1175.9	1181.7	1186.9	1190.0	1190.6	1192.1	1180.2	1174.9
23	1010.6	1020.9	1028.5	1034.2	1037.7	1041.0	1040.3	1033.0	1030.0
24	1115.0	1124.2	1130.8	1136.6	1140.5	1142.4	1143.4	1134.8	1131.6
25	983.0	996.1	1007.0	1014.6	1019.6	1024.7	1028.1	1022.8	1022.6
26	1088.0	1098.9	1106.1	1113.1	1117.8	1121.1	1123.9	1116.3	1114.3
43	1114.9	1121.8	1126.3	1128.0	1128.5	1120.6	1113.9	1100.4	1089.9
44	1231.3	1250.8	1266.2	1277.3	1287.2	1294.4	1298.5	1291.6	1288.4
67	984.9	996.5	1005.8	1009.9	1015.1	1017.9	1018.7	1011.3	1007.5
68	1073.9	1086.9	1097.1	1106.5	1110.9	1119.3	1122.5	1117.2	1116.1
85	1132.7	1132.0	1135.7	1142.1	1135.4	1124.1	1124.1	1106.5	1091.1
86	1276.6	1305.1	1330.0	1352.7	1373.0	1390.2	1403.4	1405.5	1411.9
87	1095.1	1121.9	1145.8	1166.1	1184.0	1199.9	1215.6	1223.1	1233.9
88	1093.1	1131.2	1167.2	1195.3	1193.9	1200.2	1216.8	1237.3	1263.8
89	1020.6	1036.3	1053.3	1069.7	1087.3	1106.3	1126.1	1140.1	1160.9
90	1007.5	1028.9	1052.1	1074.5	1098.2	1123.3	1148.9	1169.7	1194.9
91	1018.3	1034.5	1053.4	1072.3	1092.7	1114.6	1137.6	1156.9	1179.6
921	1300.1	1270.2	1238.9	1207.1	1174.3	1142.1	1112.0	1077.4	1048.4

Table XLI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α 0.0° R: 82 Pi	2.0° R: 83 Pi	4.0° R: 84 Pi	6.0° R: 85 Pi	8.0° R: 86 Pi	10.0° R: 87 Pi	12.0° R: 88 Pi	14.0° R: 89 Pi	16.0° R: 90 Pi
922	1109.9	1146.8	1184.4	1220.2	1256.6	1293.9	1330.7	1358.3	1392.5
93	1048.0	1076.0	1105.2	1133.3	1162.7	1193.6	1225.1	1249.2	1280.4
94	1109.2	1145.5	1182.5	1217.8	1254.0	1291.1	1327.8	1356.1	1389.9
95	1077.6	1115.8	1151.9	1179.8	1178.5	1184.9	1201.5	1221.8	1248.4
125	1618.8	1616.5	1614.0	1611.4	1608.5	1605.5	1602.8	1599.5	1597.6
126	1141.3	1149.4	1155.2	1158.7	1158.2	1153.4	1144.5	1126.9	1113.3
128	1353.5	1342.0	1330.4	1319.1	1308.0	1297.9	1289.0	1273.9	1266.4
132	1002.4	1007.0	1013.6	1021.0	1030.1	1041.8	1055.4	1064.6	1081.9
201	1600.6	1576.0	1547.2	1514.6	1477.7	1438.2	1397.9	1349.1	1304.2
202	1660.5	1647.7	1630.8	1609.7	1584.6	1556.7	1527.6	1487.5	1453.6
203	1680.6	1680.8	1677.0	1668.4	1656.1	1640.4	1622.2	1592.5	1567.6
204	1648.9	1663.6	1674.5	1680.2	1682.2	1681.2	1676.7	1659.3	1646.7
205	1561.3	1590.0	1615.6	1636.4	1654.2	1669.2	1680.2	1677.9	1680.1
206	1458.7	1495.5	1530.3	1560.9	1589.4	1616.1	1638.9	1649.1	1663.7
207	1367.5	1406.9	1445.1	1480.0	1513.8	1546.7	1576.4	1594.4	1617.3
208	1302.9	1343.1	1382.6	1419.1	1455.2	1490.7	1523.9	1545.9	1573.1
209	1423.1	1428.3	1431.2	1428.3	1422.7	1415.6	1405.5	1384.5	1366.5
210	1505.6	1515.1	1520.8	1520.7	1518.1	1513.7	1506.2	1486.8	1471.3
211	1590.7	1603.0	1612.4	1615.8	1616.3	1614.2	1608.7	1590.6	1576.6
212	1671.0	1684.7	1694.5	1699.9	1701.8	1700.5	1695.7	1678.1	1665.9
213	1655.7	1667.5	1674.6	1679.0	1679.2	1675.3	1668.3	1649.3	1635.9
214	1610.2	1619.5	1623.6	1625.8	1623.9	1617.5	1607.6	1586.7	1571.3
215	1288.3	1259.5	1229.3	1198.8	1167.5	1137.1	1108.6	1074.8	1046.9
216	1137.6	1146.0	1154.0	1155.6	1154.5	1150.6	1143.2	1126.8	1112.4
217	1322.5	1337.2	1347.5	1356.6	1362.3	1364.1	1361.8	1348.9	1341.4
218	1102.7	1138.3	1174.7	1209.2	1243.9	1279.5	1314.6	1341.7	1374.2
219	1038.7	1048.1	1054.6	1057.6	1059.3	1059.0	1056.8	1045.6	1038.0
220	1142.2	1154.4	1163.9	1172.1	1177.6	1182.3	1183.1	1174.6	1170.3
221	955.6	966.0	975.6	982.4	988.1	992.6	995.4	990.8	989.8
222	1053.2	1063.7	1072.5	1080.7	1086.9	1094.1	1096.8	1093.8	1091.6
223	936.8	943.5	947.7	954.4	957.6	959.6	959.9	953.0	949.2
224	1022.3	1034.7	1045.4	1055.2	1063.7	1069.8	1074.4	1070.7	1071.4
225	1240.2	1219.6	1198.8	1178.5	1158.4	1139.9	1123.2	1101.7	1086.9
226	1398.9	1366.7	1331.7	1295.7	1257.6	1218.9	1181.9	1138.8	1101.3
227	1450.0	1418.0	1383.1	1346.3	1307.0	1266.9	1228.0	1182.4	1142.6
228	1522.5	1491.8	1457.1	1419.7	1378.7	1335.9	1293.2	1242.6	1197.6

Table XLI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 82 Pi	2.0° R: 83 Pi	4.0° R: 84 Pi	6.0° R: 85 Pi	8.0° R: 86 Pi	10.0° R: 87 Pi	12.0° R: 88 Pi	14.0° R: 89 Pi	16.0° R: 90 Pi
229	1183.7	1223.3	1263.1	1300.7	1338.6	1376.7	1413.3	1440.7	1472.8
230	1028.3	1049.4	1072.0	1094.4	1118.2	1143.6	1170.0	1190.4	1217.3
231	1242.4	1243.9	1245.2	1239.5	1231.4	1222.7	1211.4	1191.1	1173.2
232	1360.5	1363.3	1364.5	1359.5	1351.9	1342.9	1331.0	1308.9	1289.7
233	1553.2	1559.1	1560.1	1560.2	1556.2	1547.8	1536.4	1514.8	1499.0
234	1456.8	1460.6	1459.6	1458.4	1453.4	1444.2	1432.2	1410.7	1395.1
235	1056.1	1068.1	1077.4	1080.8	1080.4	1076.3	1067.9	1049.2	1032.2
236	1042.8	1059.4	1073.7	1083.5	1090.2	1094.7	1096.6	1089.5	1085.9
237	1024.9	1042.0	1059.3	1075.3	1093.4	1111.6	1129.9	1141.9	1158.9
238	1022.8	1039.9	1058.4	1076.4	1095.6	1116.2	1137.9	1153.9	1176.1
239	1020.7	1039.8	1060.0	1079.9	1101.3	1124.3	1148.4	1167.1	1192.4
240	1018.0	1028.1	1040.0	1052.5	1066.7	1082.9	1100.6	1113.3	1133.3
241	996.5	1007.9	1017.8	1024.9	1029.3	1032.2	1032.6	1024.9	1020.4
242	806.1	767.0	741.8	722.7	714.2	715.1	715.1	710.2	707.7
243	567.8	545.1	522.0	500.0	484.9	547.1	633.7	679.4	698.8
244	1249.7	1232.8	1215.8	1199.7	1184.1	1170.3	1158.5	1141.8	1131.8
245	1233.3	1213.7	1193.8	1174.8	1156.1	1139.0	1124.0	1104.1	1091.0
246	1065.1	1072.6	1078.7	1081.6	1081.3	1081.0	1074.2	1063.9	1057.0
247	1048.1	1057.8	1065.3	1067.6	1066.6	1062.2	1054.8	1037.8	1022.5
248	995.2	1008.0	1019.3	1026.9	1033.4	1037.6	1040.0	1034.3	1032.1
249	1124.7	1133.0	1137.7	1141.9	1144.0	1143.8	1141.6	1130.4	1125.2
250	771.2	800.2	828.5	850.7	870.3	887.2	901.0	906.6	914.3
251	888.3	881.4	873.1	860.0	843.7	824.5	807.3	793.0	788.6
252	112.5	123.9	125.4	134.4	133.6	132.9	140.2	147.8	140.3

Table XLII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β											
	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 98	R: 99	R: 100	R: 101	R: 102	R: 103	R: 104	R: 105	R: 106	R: 107	R: 108	R: 109
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1193.7	1195.8	1199.5	1200.8	1200.5	1201.3	1201.6	1198.6	1195.6	1192.1	1189.7	1182.0
3	1291.8	1275.5	1260.0	1243.6	1235.6	1229.0	1222.5	1214.1	1200.7	1185.2	1172.3	1141.2
4	1165.1	1184.0	1201.9	1218.5	1226.9	1234.5	1241.7	1248.2	1260.1	1276.7	1290.7	1320.3
5	1297.5	1281.9	1266.8	1250.9	1243.3	1236.9	1230.5	1222.4	1209.3	1194.4	1181.9	1151.5
6	1172.5	1187.3	1201.6	1213.2	1219.9	1228.8	1235.5	1241.9	1254.6	1271.0	1288.0	1320.0
7	1284.9	1271.3	1256.3	1240.7	1234.5	1226.9	1220.4	1212.5	1200.8	1181.7	1167.9	1138.0
8	1174.6	1186.8	1202.5	1217.1	1223.5	1232.1	1238.6	1245.2	1257.5	1273.7	1290.4	1318.9
9	1212.6	1216.3	1218.6	1217.9	1217.1	1218.2	1217.7	1216.9	1213.5	1213.1	1212.6	1205.4
10	1149.3	1150.7	1152.3	1151.6	1152.0	1152.9	1153.1	1150.7	1149.6	1147.8	1145.4	1137.8
11	1248.8	1236.8	1223.6	1209.5	1203.9	1197.3	1191.2	1183.7	1171.8	1159.4	1147.2	1125.3
12	1145.7	1159.1	1173.5	1186.8	1192.7	1200.8	1206.7	1212.5	1223.6	1238.5	1254.1	1280.5
13	1248.2	1235.5	1222.4	1208.4	1202.4	1196.2	1190.4	1183.0	1171.3	1158.8	1147.1	1121.4
14	1143.9	1156.9	1171.1	1184.5	1190.5	1198.4	1204.1	1209.7	1220.7	1235.4	1250.3	1276.2
15	1898.3	1897.9	1896.8	1896.3	1895.0	1893.9	1893.5	1892.3	1891.3	1890.3	1889.8	1888.2
16	1130.7	1143.8	1157.8	1170.7	1176.5	1184.4	1190.1	1195.8	1206.9	1221.6	1237.0	1263.3
17	1220.1	1224.0	1226.1	1225.6	1225.7	1227.3	1226.2	1223.5	1219.6	1221.1	1221.3	1216.7
19	1184.3	1174.1	1163.1	1151.3	1146.6	1141.4	1136.6	1130.4	1121.0	1111.2	1101.7	1081.4
20	1106.0	1115.9	1126.7	1136.8	1141.6	1148.2	1152.8	1156.9	1165.9	1178.1	1191.0	1213.0
21	1162.0	1152.6	1142.8	1132.1	1127.9	1123.4	1119.3	1113.6	1105.1	1096.5	1088.2	1070.2
22	1088.5	1097.3	1106.8	1115.7	1119.8	1125.8	1129.9	1133.5	1141.2	1152.2	1163.9	1183.8
23	1117.8	1109.2	1100.1	1090.2	1086.8	1082.6	1078.7	1073.4	1065.9	1058.3	1050.9	1034.9
24	1045.9	1053.8	1062.3	1070.2	1074.0	1079.6	1083.3	1086.4	1093.5	1103.6	1114.5	1133.1
25	1094.5	1086.4	1077.8	1068.4	1065.3	1061.2	1057.5	1052.3	1045.0	1037.7	1030.4	1015.0
26	1026.7	1034.1	1042.1	1049.6	1053.3	1058.6	1062.2	1065.0	1071.9	1081.5	1092.0	1109.8
43	1256.4	1244.1	1231.1	1216.9	1211.2	1204.7	1199.0	1191.3	1179.6	1167.0	1157.5	1130.8
44	1143.7	1157.2	1171.6	1184.8	1190.7	1199.0	1205.0	1210.2	1221.3	1235.2	1249.7	1273.8
67	1086.5	1078.8	1070.8	1062.0	1059.0	1055.1	1051.4	1046.4	1038.8	1031.5	1024.6	1010.1
68	1023.5	1030.6	1039.0	1046.9	1050.5	1055.8	1059.3	1061.9	1068.0	1077.0	1087.0	1103.5
85	1304.2	1289.3	1273.2	1256.2	1249.3	1241.2	1234.0	1225.0	1210.5	1194.9	1179.1	1145.9
86	1216.3	1230.9	1246.3	1260.5	1266.9	1275.6	1282.1	1287.1	1298.5	1312.1	1325.9	1348.5
87	1261.6	1254.1	1245.8	1235.7	1232.1	1228.0	1224.3	1218.0	1211.0	1201.2	1190.0	1165.6
88	1133.6	1139.2	1145.1	1150.4	1154.3	1160.2	1164.4	1166.3	1173.0	1180.1	1187.2	1194.4
89	1082.1	1083.1	1083.8	1082.6	1082.8	1083.2	1082.9	1080.7	1079.2	1077.6	1075.5	1068.0
90	1074.4	1077.3	1079.6	1080.2	1080.4	1081.2	1081.7	1080.2	1079.8	1079.4	1078.5	1073.7
91	1077.9	1079.8	1081.3	1081.1	1081.0	1081.7	1082.0	1080.3	1079.4	1078.7	1077.7	1072.3
921	1207.7	1211.1	1212.4	1215.5	1215.3	1216.9	1217.2	1217.7	1215.9	1216.0	1215.7	1208.2

Table XLII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β											
	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 98	R: 99	R: 100	R: 101	R: 102	R: 103	R: 104	R: 105	R: 106	R: 107	R: 108	R: 109
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1228.1	1229.3	1230.4	1230.4	1230.9	1232.0	1232.5	1229.8	1228.8	1227.0	1224.6	1216.3
93	1141.2	1142.7	1143.9	1143.4	1143.8	1144.8	1144.9	1142.5	1141.5	1139.9	1137.8	1130.4
94	1216.6	1218.6	1221.1	1222.3	1223.0	1224.5	1225.3	1223.1	1223.1	1222.1	1220.6	1214.1
95	1121.8	1126.5	1131.2	1134.9	1138.8	1144.6	1148.8	1150.7	1157.4	1164.5	1171.5	1178.7
125	1530.9	1529.2	1526.6	1524.3	1520.7	1517.7	1515.9	1513.3	1511.1	1508.2	1506.8	1503.7
126	1055.7	1065.3	1075.5	1085.1	1089.6	1095.6	1099.9	1103.6	1111.9	1123.0	1135.1	1155.4
128	1327.9	1330.7	1332.5	1331.1	1331.1	1332.2	1332.1	1330.8	1329.3	1327.7	1325.1	1318.5
132	1025.5	1027.1	1028.3	1028.1	1028.3	1028.9	1028.7	1027.2	1026.4	1025.8	1025.1	1019.7
201	1523.8	1528.0	1530.7	1530.1	1529.6	1531.0	1531.0	1530.5	1527.1	1526.6	1525.8	1516.9
202	1621.2	1625.2	1627.9	1627.4	1627.2	1628.2	1628.3	1627.2	1624.0	1623.1	1621.4	1611.1
203	1679.9	1683.5	1686.4	1686.1	1685.9	1687.2	1687.4	1685.8	1683.1	1681.8	1679.9	1669.0
204	1693.8	1696.7	1698.9	1698.4	1698.4	1699.5	1699.8	1697.6	1695.4	1693.7	1691.3	1679.6
205	1649.9	1652.7	1654.9	1654.6	1654.8	1656.0	1656.3	1653.7	1651.8	1649.6	1646.8	1634.6
206	1574.2	1576.2	1577.9	1577.3	1577.6	1578.9	1579.2	1576.3	1574.7	1572.5	1569.4	1557.8
207	1492.3	1494.1	1495.4	1494.8	1495.1	1496.4	1496.9	1494.2	1492.8	1490.6	1487.5	1476.6
208	1430.7	1432.1	1433.2	1432.3	1432.7	1434.0	1434.5	1431.6	1430.7	1428.5	1425.6	1415.2
209	1590.8	1578.5	1564.7	1548.8	1542.2	1534.9	1528.0	1518.8	1503.6	1487.5	1470.6	1432.4
210	1652.0	1643.3	1633.0	1620.7	1615.5	1610.2	1604.8	1597.1	1584.4	1571.1	1557.0	1523.6
211	1693.1	1690.1	1685.7	1678.9	1676.1	1673.8	1671.2	1665.9	1658.0	1649.9	1640.9	1617.1
212	1649.7	1658.6	1667.8	1674.0	1676.5	1681.0	1683.8	1685.0	1688.1	1692.7	1696.9	1698.0
213	1570.1	1584.5	1599.5	1611.3	1616.4	1623.9	1629.3	1633.5	1641.7	1652.3	1662.5	1675.5
214	1474.4	1492.2	1511.3	1527.3	1534.1	1543.6	1550.8	1557.1	1569.0	1584.2	1599.1	1621.5
215	1213.8	1216.7	1218.0	1216.2	1215.6	1216.7	1215.7	1214.2	1211.2	1210.6	1209.3	1200.6
216	1316.0	1301.4	1285.7	1268.9	1262.1	1254.2	1247.1	1238.0	1223.8	1208.2	1192.4	1159.2
217	1197.0	1213.0	1230.3	1246.3	1253.5	1263.0	1270.1	1276.6	1289.8	1306.4	1323.5	1352.3
218	1230.7	1230.8	1230.6	1228.5	1228.4	1228.8	1228.7	1225.5	1223.5	1219.3	1215.5	1205.5
219	1149.8	1140.5	1130.7	1119.9	1116.0	1111.4	1107.2	1101.5	1093.1	1084.5	1076.3	1058.6
220	1074.2	1083.3	1092.7	1101.1	1105.7	1111.7	1115.9	1119.3	1126.8	1137.6	1149.2	1169.7
221	1060.3	1052.5	1044.2	1035.2	1032.1	1028.2	1024.6	1019.6	1012.6	1005.3	998.2	982.8
222	968.7	972.8	978.6	987.6	999.4	1006.6	1016.4	1029.2	1040.8	1050.0	1059.8	1077.0
223	1028.7	1021.1	1014.0	1005.9	1003.1	999.5	996.1	991.3	984.5	977.5	970.4	955.2
224	974.2	981.8	989.7	996.8	1000.3	1005.5	1008.9	1011.7	1017.9	1026.1	1033.9	1051.7
225	1182.2	1185.8	1187.9	1187.7	1187.9	1189.3	1189.4	1189.1	1187.4	1187.6	1186.9	1179.0
226	1292.7	1297.6	1300.6	1300.5	1300.6	1302.6	1302.9	1303.3	1301.2	1302.1	1302.6	1297.3
227	1348.7	1353.0	1355.7	1355.3	1355.2	1356.9	1357.1	1357.1	1354.4	1354.9	1355.0	1348.3
228	1423.1	1427.7	1430.6	1430.2	1430.1	1431.6	1431.7	1431.6	1428.8	1429.1	1429.1	1421.9

Table XLII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β											
	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 98	R: 99	R: 100	R: 101	R: 102	R: 103	R: 104	R: 105	R: 106	R: 107	R: 108	R: 109
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1311.3	1312.5	1313.5	1312.7	1313.0	1314.1	1314.6	1311.7	1310.8	1308.7	1306.0	1296.7
230	1098.1	1099.2	1100.5	1100.5	1100.8	1101.6	1101.8	1099.9	1098.9	1097.5	1096.6	1091.8
231	1418.9	1403.6	1386.5	1368.2	1360.8	1352.0	1343.9	1333.9	1317.6	1300.3	1282.7	1244.7
232	1529.3	1515.7	1500.3	1483.3	1476.3	1468.4	1461.0	1451.4	1435.8	1419.2	1402.0	1364.2
233	1394.7	1413.0	1432.7	1449.7	1456.9	1466.8	1474.5	1481.6	1494.9	1511.8	1528.6	1555.6
234	1281.0	1299.5	1319.6	1337.7	1345.3	1355.5	1363.4	1371.2	1385.7	1404.1	1422.6	1453.6
235	1170.9	1163.2	1155.0	1145.3	1141.9	1137.7	1133.8	1128.1	1119.4	1110.7	1101.9	1082.3
236	1143.9	1139.9	1136.4	1130.8	1128.9	1126.4	1123.3	1118.5	1113.0	1106.8	1100.0	1083.6
237	1096.4	1096.9	1096.8	1094.6	1094.2	1094.9	1094.9	1092.4	1090.2	1087.4	1084.3	1074.1
238	1088.6	1089.2	1089.8	1089.7	1089.9	1090.5	1090.4	1088.1	1086.3	1083.9	1081.9	1074.6
239	1085.9	1087.6	1088.4	1087.6	1087.9	1088.7	1088.9	1087.0	1086.1	1084.8	1083.1	1077.5
240	1057.7	1059.2	1060.1	1059.6	1060.0	1060.6	1060.5	1058.9	1058.0	1057.3	1056.3	1051.1
241	1056.2	1055.8	1054.9	1052.2	1051.9	1051.4	1050.2	1047.3	1044.1	1040.6	1036.3	1025.3
242	728.8	732.8	736.6	734.7	735.4	735.1	734.7	734.8	736.4	736.1	731.7	725.4
243	497.4	499.2	499.8	498.9	499.5	500.7	501.3	502.7	503.6	504.2	504.1	499.7
244	1203.9	1207.2	1209.3	1209.3	1209.5	1210.9	1211.1	1210.8	1209.2	1208.8	1207.5	1199.7
245	1177.8	1181.5	1183.8	1183.7	1183.9	1185.3	1185.5	1185.3	1183.7	1183.4	1182.1	1175.0
246	1191.1	1180.4	1169.1	1156.8	1152.2	1146.9	1141.9	1135.6	1125.7	1115.5	1105.3	1083.3
247	1163.8	1154.9	1145.2	1134.4	1130.2	1125.5	1121.1	1115.2	1106.2	1097.1	1088.4	1069.2
248	1115.5	1106.7	1097.4	1087.2	1083.7	1079.2	1075.0	1069.4	1061.4	1053.1	1044.9	1027.6
249	1048.7	1056.8	1065.7	1074.0	1077.9	1083.5	1087.3	1090.5	1098.0	1108.4	1119.6	1138.5
250	997.3	985.1	972.0	957.6	952.4	945.0	938.1	929.3	916.1	900.4	884.1	852.5
251	915.6	908.4	900.8	893.1	890.8	887.7	884.4	880.8	875.1	870.6	867.1	861.3
252	133.4	134.8	135.8	134.0	134.2	135.5	136.5	134.3	134.1	132.1	139.5	130.3

Table XLIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 81	R: 78	R: 79	R: 80
	Pi	Pi	Pi	Pi
2	1262.9	1267.0	1265.2	1254.8
3	1257.2	1228.4	1197.6	1128.2
4	1205.5	1234.9	1264.3	1334.2
5	1249.2	1221.6	1193.8	1135.2
6	1198.0	1223.5	1255.6	1319.6
7	1243.0	1214.9	1185.6	1125.8
8	1192.9	1216.9	1247.4	1309.1
9	1163.6	1161.6	1155.0	1144.8
10	1207.9	1211.5	1210.8	1201.5
11	1211.1	1185.5	1156.2	1098.1
12	1161.3	1184.8	1215.2	1276.9
13	1207.3	1183.0	1158.0	1105.9
14	1163.6	1185.3	1214.4	1274.5
15	1928.8	1933.7	1933.1	1931.1
16	1152.3	1174.1	1201.9	1258.9
17	1182.9	1182.3	1175.9	1167.3
19	1159.0	1140.0	1118.6	1077.5
20	1129.6	1148.2	1171.4	1219.7
21	1142.7	1125.7	1107.0	1071.7
22	1110.2	1126.6	1146.5	1189.2
23	1102.6	1087.8	1071.1	1040.7
24	1067.2	1081.8	1100.4	1141.1
25	1082.3	1068.7	1053.1	1024.5
26	1051.7	1065.3	1082.5	1119.8
43	1234.3	1210.0	1180.6	1120.8
44	1177.0	1202.9	1233.5	1292.9
67	1077.0	1063.1	1047.2	1017.7
68	1049.0	1063.0	1080.1	1118.0
85	1263.2	1234.7	1199.2	1124.4
86	1269.7	1298.5	1330.5	1388.7
87	1291.9	1275.5	1255.1	1200.1
88	1188.6	1203.2	1204.4	1199.7
89	1123.8	1123.5	1120.4	1105.9
90	1116.5	1120.8	1125.6	1123.8
91	1120.2	1122.4	1122.9	1116.2
921	1149.4	1153.3	1151.3	1141.4

Table XLIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 81	R: 78	R: 79	R: 80
	Pi	Pi	Pi	Pi
922	1298.4	1302.7	1302.8	1293.4
93	1198.9	1202.5	1201.9	1193.1
94	1287.3	1293.3	1295.6	1290.6
95	1173.8	1187.5	1188.6	1184.3
125	1628.9	1648.4	1643.5	1637.4
126	1080.3	1095.1	1113.1	1152.1
128	1311.4	1310.1	1308.0	1297.3
132	1046.3	1047.8	1047.7	1041.2
201	1457.7	1455.5	1450.0	1437.6
202	1576.7	1575.4	1570.5	1556.2
203	1658.2	1658.4	1654.5	1640.1
204	1697.8	1698.6	1695.7	1680.7
205	1683.8	1685.9	1684.1	1668.8
206	1627.9	1630.9	1629.8	1615.7
207	1556.5	1559.9	1559.3	1546.2
208	1499.1	1502.7	1502.5	1490.2
209	1550.0	1523.9	1489.8	1416.1
210	1624.4	1604.2	1576.6	1514.0
211	1682.2	1672.1	1655.6	1614.1
212	1666.8	1678.6	1688.3	1699.8
213	1594.6	1615.7	1637.8	1674.2
214	1502.3	1529.9	1560.6	1616.1
215	1156.9	1153.5	1147.6	1136.6
216	1283.8	1255.1	1220.8	1151.0
217	1231.3	1260.0	1294.9	1362.5
218	1297.0	1298.1	1295.2	1279.1
219	1133.9	1116.2	1096.5	1059.0
220	1098.1	1114.8	1136.1	1181.1
221	1051.6	1037.8	1021.7	992.3
222	1023.2	1039.1	1042.8	1074.7
223	1022.1	1007.8	991.2	959.5
224	998.3	1012.9	1030.5	1068.5
225	1151.0	1151.1	1148.6	1139.4
226	1227.9	1227.2	1224.3	1218.3
227	1280.5	1278.8	1274.8	1266.4
228	1350.8	1348.8	1344.5	1335.4

Table XLIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 81 Pi	0.0° R: 78 Pi	2.0° R: 79 Pi	6.0° R: 80 Pi
229	1383.4	1387.3	1387.1	1376.2
230	1145.3	1148.5	1148.4	1143.0
231	1367.6	1337.1	1299.7	1223.2
232	1482.1	1453.9	1418.2	1343.3
233	1420.3	1449.1	1482.9	1546.2
234	1306.9	1336.8	1372.9	1442.6
235	1166.0	1147.9	1125.0	1076.4
236	1169.2	1155.7	1138.4	1094.7
237	1140.8	1138.6	1131.9	1111.4
238	1134.1	1133.5	1131.5	1116.0
239	1128.8	1131.8	1131.4	1123.9
240	1088.7	1090.4	1089.9	1082.4
241	1086.6	1078.9	1066.7	1032.2
242	728.5	726.8	728.2	714.5
243	516.8	542.3	520.7	539.8
244	1181.6	1182.0	1180.0	1169.8
245	1150.1	1150.2	1147.9	1138.5
246	1165.0	1145.4	1122.9	1081.0
247	1146.3	1126.9	1105.0	1062.2
248	1098.4	1084.1	1067.5	1037.5
249	1073.1	1086.9	1104.3	1142.6
250	984.1	964.3	938.6	887.3
251	888.3	872.3	852.9	824.1
252	138.3	142.3	143.0	132.3

Table XLIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 640.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 848	R: 849	R: 850	R: 851	R: 852	R: 853	R: 854	R: 855	R: 856	R: 857	R: 858
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1353.9	1390.7	1431.6	1474.1	1512.9	1559.1	1601.3	1646.1	1686.5	1725.8	1765.9
3	1508.8	1525.6	1537.8	1543.0	1549.2	1553.3	1551.7	1546.1	1535.6	1519.8	1499.9
4	1506.8	1532.3	1548.3	1560.6	1555.9	1558.7	1557.5	1553.6	1543.0	1529.5	1512.6
5	1535.8	1541.4	1554.6	1556.8	1558.9	1555.8	1552.8	1545.2	1523.0	1505.7	1485.8
6	1526.4	1534.4	1547.6	1551.8	1548.6	1545.6	1543.5	1535.6	1517.7	1500.7	1482.3
7	5524.1	5555.4	5624.7	5637.2	5650.8	5655.8	5658.0	5654.1	5637.3	5619.8	5596.9
8	1550.1	1552.8	1555.4	1560.0	1555.7	1543.9	1534.8	1524.7	1509.6	1493.3	1479.5
9	1685.5	1648.3	1610.9	1571.9	1536.8	1498.2	1466.7	1435.1	1401.5	1367.5	1335.1
10	1318.4	1347.6	1381.2	1417.2	1450.3	1491.1	1529.4	1570.3	1607.5	1645.9	1684.8
11	1466.1	1482.1	1489.8	1496.1	1498.4	1498.8	1499.2	1489.6	1489.8	1476.3	1458.9
12	1464.2	1473.4	1484.9	1491.9	1495.4	1496.0	1494.8	1489.2	1480.9	1466.2	1448.7
13	1474.3	1480.7	1496.0	1499.6	1501.8	1501.8	1500.5	1497.1	1489.1	1479.8	1464.0
14	1471.3	1479.3	1494.0	1499.2	1502.0	1501.2	1499.8	1487.5	1484.3	1475.4	1459.8
15	1481.8	1484.2	1487.5	1489.8	1488.9	1486.5	1483.3	1478.5	1467.5	1452.9	1435.1
16	1474.1	1479.3	1485.0	1488.4	1488.1	1485.2	1481.2	1475.4	1464.3	1450.6	1434.3
17	1669.9	1638.1	1606.8	1574.9	1546.5	1515.3	1490.4	1466.0	1439.4	1412.5	1387.3
19	1403.4	1420.4	1429.3	1436.0	1437.4	1439.5	1440.6	1437.7	1430.7	1420.3	1408.4
20	1396.0	1416.6	1434.0	1441.6	1445.0	1447.3	1448.4	1446.1	1439.0	1429.5	1418.4
21	1393.6	1397.8	1405.8	1412.2	1415.8	1418.7	1421.5	1422.5	1417.3	1409.2	1399.7
22	1394.7	1398.4	1408.0	1413.5	1417.1	1420.4	1422.4	1421.6	1415.2	1407.7	1397.9
23	1331.8	1341.3	1351.5	1358.7	1364.0	1369.9	1374.7	1377.0	1374.2	1368.6	1361.8
24	1325.2	1332.7	1340.8	1349.0	1353.0	1357.0	1360.5	1361.8	1358.2	1352.4	1346.4
25	1300.3	1308.5	1321.2	1330.4	1337.1	1343.9	1350.8	1355.4	1354.7	1351.4	1346.8
26	1292.9	1302.1	1315.1	1325.0	1331.9	1338.9	1345.6	1349.9	1349.0	1345.8	1341.0
43	1429.7	1425.7	1423.5	1421.7	1420.0	1421.2	1424.3	1427.1	1427.5	1428.1	1429.8
44	1446.9	1466.9	1486.0	1495.1	1504.5	1511.6	1513.8	1512.5	1504.4	1497.3	1486.2
67	1286.2	1296.7	1309.1	1319.5	1326.6	1334.6	1341.3	1345.4	1344.1	1339.9	1333.7
68	1285.0	1296.0	1308.6	1319.2	1326.5	1334.7	1341.4	1345.1	1343.4	1339.1	1332.5
85	1545.8	1553.0	1558.0	1558.6	1561.2	1558.5	1554.7	1542.2	1530.9	1515.1	1493.6
86	1506.2	1529.6	1558.6	1584.8	1605.1	1624.5	1637.2	1648.4	1652.2	1653.9	1652.4
87	1410.0	1446.6	1480.5	1520.1	1550.4	1583.5	1608.8	1638.2	1661.3	1681.5	1699.6
88	1335.4	1366.0	1405.6	1445.0	1479.8	1492.8	1498.5	1522.4	1551.6	1583.0	1616.2
89	1276.8	1294.2	1315.7	1339.1	1361.0	1389.7	1418.1	1447.8	1475.1	1504.3	1534.6
90	1275.5	1292.2	1313.0	1336.1	1357.8	1386.7	1415.5	1446.0	1472.6	1501.7	1532.0
91	1282.9	1297.8	1317.0	1338.8	1359.7	1387.9	1416.4	1446.7	1474.9	1505.2	1537.0
921	1692.3	1651.8	1610.7	1567.6	1528.6	1486.2	1449.9	1413.3	1374.8	1336.4	1298.9

Table XLIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 640.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 848	R: 849	R: 850	R: 851	R: 852	R: 853	R: 854	R: 855	R: 856	R: 857	R: 858
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1376.0	1417.5	1462.2	1508.8	1550.9	1600.6	1644.6	1691.6	1733.2	1774.3	1815.8
93	1310.9	1339.4	1372.1	1407.4	1439.9	1480.5	1518.4	1558.7	1595.6	1633.6	1672.4
94	1372.9	1412.3	1455.3	1499.9	1540.4	1588.2	1631.3	1677.2	1718.0	1759.3	1800.3
95	1322.3	1350.8	1390.3	1429.6	1464.3	1477.2	1483.0	1507.0	1536.3	1568.0	1601.2
125	1355.4	1365.9	1376.4	1384.7	1389.1	1392.5	1394.6	1392.1	1383.0	1369.8	1353.3
126	1347.7	1360.3	1372.5	1380.8	1385.1	1388.5	1390.3	1387.4	1378.3	1365.8	1350.8
128	1746.7	1728.8	1712.3	1695.6	1681.3	1666.0	1653.8	1644.5	1632.7	1621.5	1612.1
132	1276.0	1275.4	1278.7	1284.5	1291.3	1304.7	1321.7	1340.0	1357.9	1378.7	1402.2
201	2075.1	2046.0	2012.9	1973.5	1934.4	1884.7	1836.8	1787.8	1732.7	1672.5	1608.8
202	2138.4	2124.7	2106.7	2083.3	2058.1	2023.6	1988.1	1953.1	1910.6	1863.4	1812.5
203	2147.8	2149.5	2148.6	2142.5	2132.4	2114.9	2093.0	2071.6	2042.1	2007.0	1967.9
204	2089.7	2110.2	2127.7	2140.4	2147.4	2148.6	2143.7	2139.6	2126.2	2107.6	2083.6
205	1961.4	1998.3	2033.7	2065.9	2091.2	2114.2	2128.0	2142.9	2148.4	2149.0	2145.0
206	1821.0	1866.6	1912.0	1955.2	1991.5	2029.3	2057.2	2087.4	2108.4	2125.5	2138.6
207	1698.9	1746.8	1795.5	1843.7	1885.9	1931.4	1967.5	2006.1	2036.8	2064.9	2089.8
208	1617.2	1665.0	1714.5	1764.1	1807.8	1856.1	1895.9	1938.7	1974.3	2007.7	2038.9
209	1925.1	1933.3	1939.2	1941.1	1939.6	1933.2	1923.8	1913.9	1895.8	1871.7	1843.6
210	2001.8	2014.4	2024.5	2030.5	2032.5	2029.8	2022.3	2015.1	1999.2	1977.2	1950.8
211	2064.4	2082.2	2097.2	2107.9	2113.6	2114.3	2108.7	2103.5	2088.9	2068.4	2043.1
212	2069.0	2088.2	2104.6	2116.3	2122.9	2123.7	2117.5	2112.5	2098.4	2079.7	2056.0
213	2006.9	2022.4	2035.6	2043.8	2047.2	2044.6	2035.6	2027.5	2011.0	1991.3	1966.7
214	1918.7	1930.3	1940.3	1945.1	1945.4	1939.2	1927.5	1916.1	1897.3	1875.2	1848.8
215	1690.8	1651.6	1612.4	1571.5	1533.7	1491.8	1456.7	1421.2	1383.8	1345.7	1308.7
216	1541.5	1557.4	1569.7	1576.9	1581.4	1584.9	1585.7	1581.4	1571.3	1555.8	1536.4
217	1542.8	1560.0	1574.3	1585.4	1589.5	1591.4	1588.8	1584.0	1572.4	1558.1	1540.2
218	1377.2	1416.9	1460.4	1505.3	1546.1	1594.1	1637.5	1683.6	1724.7	1766.1	1807.0
219	1366.6	1376.9	1387.4	1395.8	1400.6	1405.3	1408.9	1409.2	1404.4	1396.2	1385.4
220	1361.4	1371.8	1383.6	1392.9	1398.3	1402.5	1405.9	1406.0	1400.3	1391.9	1381.4
221	1259.8	1267.8	1277.1	1286.4	1293.1	1301.4	1309.4	1314.9	1315.3	1313.4	1309.7
222	1257.2	1265.4	1275.2	1284.6	1291.6	1300.4	1308.6	1314.1	1314.5	1312.9	1309.6
223	1227.2	1234.3	1242.9	1251.2	1256.9	1264.3	1271.7	1275.8	1274.9	1271.5	1266.3
224	1228.0	1235.6	1244.9	1254.2	1261.0	1269.5	1277.6	1282.2	1281.7	1278.9	1274.0
225	1608.9	1579.5	1551.4	1523.0	1498.1	1471.9	1452.0	1432.9	1412.3	1392.4	1374.6
226	1818.4	1776.7	1733.3	1686.2	1642.3	1591.4	1546.8	1501.3	1452.7	1401.9	1351.0
227	1886.7	1846.0	1803.2	1756.0	1710.8	1656.9	1609.7	1561.7	1510.2	1455.9	1400.7
228	1979.4	1941.5	1900.0	1853.1	1807.8	1752.6	1701.9	1649.7	1592.8	1533.5	1471.3

Table XLIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 640.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 848	R: 849	R: 850	R: 851	R: 852	R: 853	R: 854	R: 855	R: 856	R: 857	R: 858
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1467.9	1513.7	1562.5	1612.2	1657.0	1708.0	1752.1	1799.1	1840.0	1880.0	1918.9
230	1288.2	1307.9	1332.0	1358.7	1383.9	1416.3	1448.6	1482.8	1514.5	1547.9	1582.8
231	1715.1	1716.3	1716.0	1714.0	1708.7	1697.7	1687.8	1676.2	1657.8	1634.3	1607.8
232	1854.3	1858.9	1861.2	1860.0	1856.2	1846.7	1835.7	1823.6	1803.9	1778.4	1749.3
233	1839.4	1846.5	1852.3	1853.6	1850.6	1841.3	1828.0	1814.8	1795.0	1772.2	1745.8
234	1705.7	1709.9	1713.4	1713.4	1708.9	1698.2	1685.6	1672.4	1653.3	1631.7	1606.9
235	1346.7	1373.0	1397.3	1417.1	1430.0	1441.2	1448.2	1450.3	1444.7	1433.1	1416.6
236	1300.5	1332.9	1364.7	1393.6	1416.0	1439.8	1459.1	1475.8	1486.2	1492.6	1496.0
237	1273.6	1296.8	1323.5	1350.9	1375.9	1406.4	1435.6	1465.2	1491.3	1519.8	1549.2
238	1276.5	1295.7	1319.5	1344.6	1368.5	1398.3	1428.0	1459.8	1489.0	1519.6	1551.7
239	1283.2	1300.2	1321.7	1345.6	1368.5	1398.4	1428.5	1460.5	1490.3	1522.0	1555.3
240	1287.8	1293.9	1304.6	1318.1	1331.9	1352.8	1375.9	1400.1	1423.0	1448.3	1475.6
241	1221.9	1247.7	1274.8	1300.2	1320.2	1342.8	1361.9	1377.4	1387.0	1393.5	1397.5
242	1068.0	1011.5	967.3	934.3	917.7	913.2	918.2	916.6	911.3	912.1	914.9
243	753.6	720.6	685.3	653.8	628.1	612.0	688.8	804.4	856.1	892.3	912.2
244	1614.2	1589.6	1566.6	1543.9	1524.4	1504.5	1489.5	1476.4	1461.6	1447.9	1436.2
245	1597.1	1569.2	1542.6	1515.9	1492.8	1468.8	1450.6	1433.5	1414.9	1397.4	1382.0
246	1429.0	1432.7	1438.3	1442.8	1443.8	1443.6	1444.9	1440.8	1431.6	1421.0	1407.1
247	1367.5	1383.5	1398.5	1409.6	1415.7	1420.0	1422.0	1419.5	1410.3	1395.7	1376.7
248	1323.4	1333.6	1344.0	1352.9	1358.6	1364.5	1368.7	1370.3	1366.1	1359.7	1350.9
249	1329.1	1339.8	1350.2	1358.7	1364.2	1369.1	1372.8	1374.4	1369.5	1362.8	1353.8
250	1121.1	1136.4	1153.9	1171.3	1184.4	1200.5	1215.1	1224.7	1228.1	1227.3	1223.5
251	1150.1	1138.4	1127.0	1117.3	1106.8	1099.3	1100.4	1095.1	1090.1	1084.6	1080.1
252	148.1	157.1	158.8	161.1	168.1	171.3	176.9	185.3	187.6	189.1	198.6

Table XLV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 824	R: 825	R: 826	R: 827	R: 828	R: 829	R: 830	R: 831	R: 832	R: 833	R: 834
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1067.5	1099.0	1131.8	1165.2	1198.9	1231.4	1263.9	1296.2	1328.7	1362.4	1393.8
3	1190.5	1203.5	1214.2	1222.6	1227.7	1231.1	1227.9	1222.3	1214.8	1203.6	1187.1
4	1189.5	1204.7	1225.6	1235.6	1234.3	1235.4	1233.6	1227.4	1219.7	1210.1	1195.7
5	1211.7	1218.3	1223.4	1227.3	1231.3	1227.6	1227.6	1220.6	1204.5	1192.1	1175.4
6	1205.7	1214.0	1220.8	1225.6	1226.4	1223.0	1217.6	1212.6	1199.0	1187.4	1171.9
7	1223.7	1225.9	1227.2	1226.9	1223.8	1218.4	1211.6	1201.4	1186.7	1173.7	1157.1
8	1224.5	1228.6	1231.7	1232.9	1230.2	1223.8	1215.9	1204.8	1193.5	1181.0	1168.1
9	1330.9	1302.5	1275.4	1248.4	1219.5	1190.6	1162.9	1134.6	1108.4	1082.8	1056.0
10	1040.3	1066.3	1093.8	1122.1	1151.3	1180.1	1209.6	1239.1	1269.1	1300.4	1330.1
11	1157.0	1170.7	1179.3	1185.5	1186.4	1188.4	1187.3	1177.7	1170.2	1162.0	1151.6
12	1157.1	1167.5	1177.2	1182.9	1186.9	1187.3	1184.5	1177.5	1169.1	1159.7	1146.2
13	1162.9	1170.2	1177.2	1188.1	1190.8	1191.4	1188.6	1180.7	1171.4	1164.1	1159.3
14	1162.0	1170.7	1178.3	1184.4	1191.6	1190.4	1182.3	1175.1	1167.6	1159.9	1152.0
15	1171.8	1174.3	1178.0	1185.3	1185.4	1183.0	1177.2	1169.0	1160.8	1151.0	1136.7
16	1164.0	1171.0	1176.6	1180.6	1181.1	1178.0	1173.0	1165.3	1157.1	1147.2	1133.2
17	1318.8	1294.6	1272.0	1250.4	1226.7	1203.6	1181.3	1159.3	1139.2	1119.4	1097.9
19	1108.8	1124.3	1131.0	1138.0	1141.7	1142.9	1141.6	1136.3	1131.6	1124.4	1114.0
20	1106.8	1122.3	1134.8	1144.0	1148.1	1148.5	1148.4	1143.7	1138.3	1131.5	1121.5
21	1098.4	1104.5	1112.4	1119.6	1123.8	1125.3	1126.1	1123.7	1120.0	1114.7	1106.1
22	1099.5	1105.5	1115.5	1122.4	1125.0	1126.2	1126.5	1122.8	1118.4	1112.9	1104.1
23	1050.9	1061.5	1070.9	1078.4	1084.4	1087.6	1089.6	1088.7	1086.9	1083.2	1076.6
24	1042.2	1050.7	1058.9	1066.1	1071.1	1073.5	1074.0	1072.2	1069.4	1065.7	1058.7
25	1024.7	1034.5	1045.9	1054.8	1061.7	1065.9	1069.7	1070.5	1070.3	1068.6	1063.9
26	1020.0	1030.2	1041.8	1050.9	1057.8	1062.1	1065.8	1066.3	1065.9	1064.2	1059.2
43	1127.1	1126.8	1127.0	1127.7	1127.5	1126.9	1127.1	1126.5	1127.2	1128.3	1128.1
44	1139.0	1160.5	1176.4	1185.7	1194.6	1198.6	1199.4	1195.5	1189.7	1182.5	1173.8
67	1014.4	1025.9	1037.2	1046.8	1054.4	1059.3	1062.7	1063.3	1062.6	1060.2	1054.2
68	1014.4	1026.1	1037.6	1047.3	1055.0	1059.7	1063.0	1063.2	1062.2	1059.5	1053.2
85	1223.4	1231.0	1236.3	1240.4	1241.2	1238.9	1234.9	1218.6	1212.2	1202.7	1184.6
86	1185.0	1210.6	1234.2	1255.4	1273.4	1286.5	1296.7	1302.3	1306.2	1308.6	1306.6
87	1112.2	1143.5	1171.6	1200.2	1226.9	1251.3	1273.9	1294.3	1313.4	1330.7	1344.0
88	1054.0	1078.3	1103.4	1130.4	1159.0	1184.2	1203.2	1217.1	1239.4	1265.2	1285.4
89	1007.4	1024.2	1042.6	1061.9	1081.9	1101.8	1122.8	1143.7	1165.9	1189.7	1211.9
90	1006.1	1022.7	1040.7	1059.8	1080.1	1099.5	1119.9	1141.0	1163.2	1187.1	1209.6
91	1011.9	1026.6	1043.2	1061.5	1080.8	1100.4	1121.2	1142.4	1165.0	1189.6	1213.3
921	1338.6	1306.6	1276.1	1245.8	1213.2	1180.5	1149.0	1116.4	1085.8	1057.0	1026.5

Table XLV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 824	R: 825	R: 826	R: 827	R: 828	R: 829	R: 830	R: 831	R: 832	R: 833	R: 834
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1085.3	1121.4	1157.2	1193.4	1230.0	1265.2	1300.6	1335.0	1368.9	1403.4	1435.3
93	1034.3	1060.2	1087.2	1115.0	1143.6	1171.9	1201.2	1230.4	1259.9	1291.1	1320.5
94	1085.0	1118.4	1152.5	1187.2	1222.5	1256.8	1291.3	1324.9	1358.0	1391.9	1423.3
95	1043.7	1066.3	1089.6	1115.2	1143.7	1168.9	1187.9	1201.8	1224.2	1250.2	1272.3
125	1069.0	1079.9	1089.7	1098.1	1103.4	1105.5	1105.5	1100.5	1093.7	1084.2	1070.3
126	1065.3	1076.7	1087.9	1096.1	1101.3	1103.3	1103.1	1097.3	1090.3	1081.6	1068.7
128	1379.7	1366.5	1354.6	1343.6	1331.9	1320.3	1310.1	1299.4	1290.7	1283.1	1274.6
132	1007.1	1009.4	1014.1	1020.5	1027.9	1036.4	1047.2	1059.1	1073.5	1090.5	1107.5
201	1639.8	1617.1	1592.4	1564.9	1531.3	1494.9	1456.4	1414.1	1371.5	1326.2	1276.0
202	1689.7	1678.9	1665.9	1649.8	1627.9	1602.9	1575.2	1543.4	1511.3	1475.9	1435.6
203	1696.7	1699.1	1698.7	1695.6	1686.7	1673.9	1657.7	1637.1	1615.0	1589.6	1558.1
204	1651.0	1668.6	1682.4	1693.1	1698.6	1699.5	1697.5	1690.5	1681.6	1668.7	1649.5
205	1549.1	1580.1	1608.0	1633.3	1654.8	1671.5	1684.7	1693.2	1699.0	1701.4	1697.9
206	1437.7	1476.2	1511.5	1545.4	1577.0	1604.3	1628.7	1649.4	1667.3	1682.6	1692.1
207	1341.1	1381.8	1420.9	1458.5	1494.5	1527.1	1557.7	1585.3	1610.8	1634.5	1653.6
208	1276.2	1316.7	1355.9	1394.5	1432.3	1467.2	1500.7	1531.7	1560.8	1589.0	1612.8
209	1519.7	1527.8	1532.9	1535.9	1534.6	1530.4	1523.3	1512.1	1499.0	1482.0	1459.3
210	1580.5	1592.1	1600.2	1606.4	1607.9	1606.2	1601.5	1592.3	1581.0	1565.5	1544.2
211	1630.7	1646.3	1658.3	1667.6	1672.2	1672.8	1669.9	1662.3	1652.4	1638.3	1617.6
212	1634.8	1651.3	1664.5	1674.5	1679.7	1680.0	1677.0	1669.2	1659.6	1646.7	1627.7
213	1586.4	1600.0	1610.7	1618.2	1620.8	1618.4	1612.8	1602.6	1591.0	1576.8	1556.9
214	1516.9	1527.5	1535.6	1540.7	1540.7	1535.5	1527.3	1514.6	1500.9	1485.0	1463.7
215	1336.2	1305.6	1276.3	1247.5	1216.7	1185.3	1154.7	1123.2	1093.7	1064.7	1034.3
216	1216.8	1230.1	1240.9	1249.4	1254.4	1256.2	1255.8	1250.4	1243.2	1232.3	1216.1
217	1218.8	1233.5	1246.3	1256.5	1261.0	1261.3	1258.6	1251.6	1243.5	1233.1	1218.2
218	1087.1	1121.0	1155.7	1190.9	1226.6	1261.4	1296.0	1329.9	1363.4	1397.4	1428.6
219	1078.4	1089.2	1098.8	1107.2	1112.8	1115.5	1116.4	1113.9	1110.5	1105.1	1095.6
220	1074.5	1085.6	1096.0	1105.2	1111.3	1113.4	1114.1	1111.3	1107.2	1101.4	1091.8
221	993.7	1003.2	1012.2	1021.0	1028.2	1033.4	1037.7	1039.2	1039.9	1039.3	1035.5
222	992.1	1001.1	1010.5	1019.5	1026.9	1032.3	1036.7	1038.3	1038.9	1038.5	1034.6
223	968.1	977.2	985.9	994.1	1000.6	1004.9	1008.2	1008.9	1008.5	1006.7	1001.5
224	968.8	978.0	987.1	996.2	1003.4	1008.3	1012.1	1013.1	1013.0	1011.5	1006.6
225	1270.7	1249.0	1228.8	1209.3	1189.0	1169.2	1151.2	1133.0	1116.8	1102.1	1086.8
226	1437.2	1404.6	1372.3	1339.0	1302.2	1264.8	1227.6	1188.6	1151.0	1110.8	1069.0
227	1491.2	1459.2	1427.3	1394.1	1356.7	1318.2	1279.4	1238.5	1198.7	1154.9	1109.1
228	1564.1	1534.1	1503.1	1470.0	1431.4	1391.2	1349.3	1304.3	1260.0	1213.2	1162.5

Table XLV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 824	R: 825	R: 826	R: 827	R: 828	R: 829	R: 830	R: 831	R: 832	R: 833	R: 834
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1157.9	1197.0	1235.4	1274.0	1312.7	1349.6	1385.8	1420.4	1453.7	1487.1	1517.1
230	1017.2	1035.1	1055.3	1076.9	1099.6	1122.5	1146.7	1171.3	1196.9	1224.5	1250.9
231	1353.6	1356.4	1357.2	1356.4	1352.2	1345.7	1337.1	1324.9	1311.2	1294.3	1272.7
232	1463.9	1469.2	1471.7	1472.4	1468.9	1462.8	1454.0	1441.2	1426.8	1408.4	1384.7
233	1453.9	1461.0	1466.1	1468.4	1465.7	1458.3	1448.3	1434.2	1419.6	1402.9	1381.6
234	1348.1	1353.1	1356.5	1357.4	1353.9	1345.9	1335.7	1321.6	1307.4	1291.6	1271.5
235	1062.5	1086.4	1106.7	1123.5	1135.8	1142.3	1147.8	1146.2	1142.4	1134.2	1120.2
236	1026.4	1055.1	1080.9	1104.7	1124.8	1141.4	1155.5	1166.0	1174.9	1180.7	1183.0
237	1005.2	1026.3	1048.7	1070.5	1093.2	1115.2	1137.1	1157.7	1180.7	1202.1	1224.5
238	1008.2	1025.7	1045.6	1066.5	1088.0	1108.5	1131.3	1154.0	1177.5	1202.3	1227.8
239	1012.9	1029.0	1047.1	1066.7	1087.5	1108.6	1131.0	1153.9	1178.0	1204.1	1229.2
240	1016.1	1023.8	1034.2	1046.3	1059.5	1073.6	1089.7	1106.3	1124.6	1145.2	1165.4
241	963.9	988.2	1010.9	1031.8	1050.3	1065.5	1078.6	1088.3	1096.4	1102.3	1104.4
242	835.3	800.8	773.4	750.4	736.5	730.1	729.0	724.6	720.0	721.0	722.9
243	594.3	569.4	544.4	521.7	500.9	486.7	537.8	622.1	667.6	700.7	720.3
244	1275.3	1257.2	1240.8	1225.7	1209.9	1194.7	1181.3	1167.7	1156.3	1146.5	1136.1
245	1261.7	1241.0	1221.9	1203.9	1185.1	1166.9	1150.4	1133.8	1119.3	1106.3	1093.0
246	1127.5	1134.3	1139.8	1141.6	1145.6	1146.0	1145.5	1139.7	1131.6	1124.8	1112.7
247	1079.1	1094.2	1107.3	1117.8	1124.5	1127.1	1126.8	1122.0	1115.3	1104.9	1089.1
248	1044.2	1055.2	1064.9	1073.5	1079.6	1083.1	1084.7	1083.2	1080.3	1076.0	1068.0
249	1049.0	1060.1	1069.6	1077.8	1083.3	1086.3	1087.5	1085.8	1082.4	1077.9	1069.7
250	884.1	900.2	916.2	931.2	944.2	954.7	963.4	968.5	971.6	971.7	967.7
251	907.1	901.9	896.7	892.2	886.5	879.4	872.9	866.6	862.2	857.8	852.7
252	118.4	119.9	120.4	121.5	132.7	131.6	139.4	145.0	149.1	152.8	153.1

Table XLVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 835	R: 836	R: 837	R: 838	R: 839	R: 840	R: 841	R: 842	R: 843	R: 844	R: 845
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1063.5	1094.6	1127.1	1161.5	1192.7	1229.6	1260.1	1295.2	1329.3	1361.0	1390.0
3	1157.6	1172.7	1185.5	1192.2	1194.1	1198.5	1191.4	1187.6	1179.1	1165.0	1146.5
4	1220.7	1235.6	1253.1	1267.6	1264.6	1271.0	1268.6	1264.1	1256.0	1244.7	1231.3
5	1176.4	1185.9	1193.4	1199.8	1197.8	1194.8	1194.7	1188.8	1171.7	1157.2	1139.3
6	1241.1	1248.2	1254.5	1258.9	1257.3	1258.4	1251.4	1246.7	1232.1	1218.6	1203.5
7	1188.1	1193.8	1196.2	1197.0	1190.0	1187.1	1178.5	1170.8	1156.7	1142.1	1123.7
8	1261.1	1263.7	1265.7	1266.0	1260.6	1258.2	1247.9	1236.8	1223.7	1208.7	1196.1
9	1333.4	1306.9	1278.3	1250.3	1218.1	1190.0	1158.5	1132.6	1106.1	1078.9	1052.3
10	1036.9	1063.2	1091.1	1120.7	1147.9	1180.5	1206.8	1238.1	1269.6	1298.9	1326.4
11	1127.2	1142.6	1151.5	1158.3	1157.9	1160.5	1154.1	1148.3	1144.4	1132.5	1121.3
12	1185.7	1196.1	1205.8	1212.5	1213.9	1217.7	1214.2	1208.6	1199.8	1187.6	1174.7
13	1131.6	1142.1	1152.5	1161.6	1161.9	1163.8	1157.9	1150.4	1143.6	1139.7	1128.6
14	1193.0	1200.7	1208.0	1214.0	1216.7	1221.3	1211.7	1205.4	1196.9	1186.4	1177.0
15	1140.9	1145.2	1150.5	1156.9	1154.1	1155.0	1147.7	1142.9	1134.9	1123.7	1109.2
16	1197.4	1202.7	1207.4	1210.7	1208.4	1208.7	1201.5	1194.2	1184.3	1171.7	1157.4
17	1322.0	1299.3	1275.6	1253.0	1226.4	1204.5	1179.8	1160.2	1139.7	1119.4	1098.3
19	1083.1	1100.9	1109.0	1116.8	1117.4	1121.0	1116.4	1114.3	1109.0	1100.0	1088.6
20	1129.8	1146.7	1159.7	1167.4	1170.6	1174.1	1170.9	1169.1	1162.7	1154.1	1143.8
21	1076.9	1085.0	1092.6	1100.1	1101.8	1106.0	1104.0	1103.9	1100.3	1092.6	1083.6
22	1122.1	1128.3	1137.6	1145.5	1145.0	1149.0	1147.4	1145.0	1140.2	1132.7	1123.5
23	1030.4	1042.3	1052.2	1060.2	1063.8	1070.0	1069.8	1071.4	1069.2	1064.5	1056.6
24	1063.1	1071.3	1079.7	1087.2	1089.9	1094.7	1092.6	1092.3	1089.1	1083.4	1076.3
25	1003.4	1016.1	1027.5	1037.4	1042.4	1049.6	1051.4	1055.0	1055.0	1052.4	1046.7
26	1041.2	1050.7	1062.2	1071.2	1075.7	1081.9	1082.7	1084.3	1083.4	1079.6	1073.9
43	1128.4	1128.6	1128.5	1129.2	1126.5	1128.4	1126.1	1127.3	1127.9	1127.5	1126.1
44	1162.4	1184.8	1203.0	1214.9	1221.3	1230.9	1231.6	1230.3	1225.0	1215.9	1205.0
67	997.5	1010.1	1021.4	1031.3	1036.4	1043.7	1044.3	1046.9	1045.8	1041.4	1034.0
68	1031.3	1043.1	1055.1	1065.6	1071.6	1079.2	1080.2	1082.2	1081.4	1077.2	1070.9
85	1186.0	1196.5	1199.6	1204.5	1205.2	1204.1	1195.9	1183.2	1177.0	1165.6	1146.4
86	1208.9	1235.2	1260.4	1283.4	1300.0	1319.4	1329.5	1338.2	1342.9	1344.1	1342.9
87	1096.3	1124.6	1153.4	1181.6	1206.4	1231.1	1248.7	1269.6	1287.3	1301.3	1310.4
88	1056.2	1082.2	1112.8	1145.6	1173.5	1199.1	1203.0	1217.4	1241.4	1265.4	1288.6
89	1008.9	1024.7	1042.1	1061.0	1078.3	1100.8	1117.5	1138.7	1160.3	1181.2	1200.9
90	1000.7	1018.9	1038.5	1059.8	1079.1	1103.6	1122.6	1145.1	1168.8	1191.1	1212.7
91	1010.2	1025.4	1042.3	1061.5	1079.0	1102.0	1119.6	1142.4	1165.7	1188.4	1210.3
921	1341.1	1312.2	1280.7	1249.4	1213.7	1181.7	1145.9	1115.4	1084.6	1051.9	1021.1

Table XLVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 835	R: 836	R: 837	R: 838	R: 839	R: 840	R: 841	R: 842	R: 843	R: 844	R: 845
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1082.0	1117.4	1153.9	1191.6	1226.2	1265.9	1298.5	1334.7	1370.4	1402.5	1431.6
93	1031.0	1056.8	1084.2	1113.2	1140.2	1172.3	1198.4	1229.3	1260.5	1289.4	1316.7
94	1081.6	1115.4	1150.8	1187.4	1220.9	1259.6	1291.5	1327.3	1362.2	1393.9	1423.0
95	1044.6	1068.5	1097.6	1130.3	1158.2	1183.6	1187.6	1202.1	1226.2	1250.3	1273.7
125	1041.0	1055.0	1066.4	1076.3	1080.4	1086.3	1085.0	1083.9	1078.5	1068.3	1055.0
126	1093.1	1103.7	1113.3	1120.0	1122.4	1125.7	1121.5	1115.6	1106.9	1094.5	1080.4
128	1380.1	1368.0	1355.6	1344.3	1329.5	1319.7	1306.9	1299.1	1290.2	1281.1	1271.4
132	1006.2	1009.4	1013.9	1020.8	1026.3	1037.5	1045.3	1058.7	1073.8	1088.8	1104.3
201	1640.5	1620.0	1594.6	1566.3	1529.2	1493.7	1450.6	1411.2	1367.5	1320.8	1271.7
202	1689.3	1680.1	1666.6	1650.3	1624.7	1601.3	1569.9	1541.3	1507.6	1471.4	1431.4
203	1695.8	1699.0	1698.5	1695.4	1682.8	1672.6	1653.2	1635.5	1612.2	1585.3	1554.0
204	1648.2	1665.8	1680.2	1691.6	1693.6	1698.2	1693.3	1689.1	1679.3	1665.0	1645.1
205	1545.8	1576.4	1604.9	1631.4	1649.2	1670.4	1681.2	1692.1	1697.7	1698.4	1693.1
206	1433.1	1470.8	1507.4	1542.8	1571.0	1603.1	1625.5	1648.3	1666.9	1680.0	1687.6
207	1338.7	1378.1	1417.4	1456.2	1489.0	1526.5	1554.9	1584.5	1611.0	1632.4	1648.9
208	1273.0	1312.6	1352.5	1392.6	1427.5	1467.1	1498.2	1531.2	1561.5	1587.1	1608.4
209	1483.7	1494.1	1500.1	1503.8	1498.6	1494.9	1485.7	1478.2	1464.4	1446.1	1422.5
210	1551.0	1564.2	1573.3	1580.1	1577.6	1577.2	1570.2	1564.5	1552.7	1536.2	1513.9
211	1613.3	1629.7	1642.5	1652.4	1653.2	1656.2	1650.9	1646.4	1635.7	1620.2	1598.8
212	1647.2	1663.0	1676.0	1686.2	1687.7	1692.6	1686.6	1681.4	1670.7	1656.1	1636.8
213	1611.5	1624.1	1634.3	1642.0	1641.2	1644.2	1635.8	1627.2	1614.6	1598.4	1578.4
214	1551.6	1560.9	1568.4	1573.1	1570.2	1570.7	1559.8	1548.1	1532.9	1514.9	1493.8
215	1337.5	1309.3	1278.7	1248.4	1213.5	1182.4	1147.8	1118.5	1088.9	1058.1	1029.1
216	1181.7	1196.9	1208.2	1217.3	1218.5	1221.4	1217.3	1214.4	1206.2	1192.9	1174.8
217	1252.3	1266.5	1279.1	1290.0	1292.6	1298.5	1295.2	1289.7	1280.7	1268.9	1254.8
218	1078.0	1112.5	1150.4	1187.2	1220.5	1259.2	1290.6	1326.3	1361.1	1392.6	1421.0
219	1058.5	1070.4	1079.8	1088.3	1091.0	1096.0	1093.7	1093.5	1089.4	1081.6	1070.4
220	1095.1	1106.5	1119.0	1126.9	1130.9	1136.7	1135.6	1134.6	1130.4	1123.0	1113.6
221	976.2	986.7	995.6	1004.9	1009.7	1017.6	1019.4	1023.3	1024.1	1021.8	1016.8
222	1010.1	1020.0	1029.7	1039.2	1044.5	1052.1	1053.9	1056.8	1057.4	1054.9	1050.6
223	954.1	963.3	971.0	978.8	982.5	988.8	989.1	991.6	990.7	986.7	979.9
224	983.2	993.8	1004.0	1014.4	1020.3	1028.1	1029.8	1032.6	1033.1	1030.2	1025.4
225	1273.7	1253.2	1231.7	1211.4	1187.9	1169.3	1148.3	1132.3	1116.0	1099.4	1083.6
226	1441.4	1411.1	1377.5	1342.9	1302.8	1265.7	1223.7	1187.5	1149.1	1109.6	1068.1
227	1494.2	1464.9	1431.8	1397.5	1356.7	1318.6	1275.1	1237.1	1196.2	1154.2	1109.8
228	1566.6	1539.1	1507.2	1473.0	1431.2	1391.3	1344.9	1303.2	1257.1	1210.2	1160.4

Table XLVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 835	R: 836	R: 837	R: 838	R: 839	R: 840	R: 841	R: 842	R: 843	R: 844	R: 845
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1154.1	1192.6	1231.9	1272.1	1308.3	1349.7	1383.3	1419.8	1454.7	1485.6	1513.0
230	1014.5	1033.1	1053.7	1076.5	1097.6	1124.0	1144.9	1171.2	1197.7	1223.4	1247.8
231	1312.1	1318.2	1320.1	1320.2	1312.7	1306.3	1295.9	1287.2	1273.4	1255.0	1232.6
232	1425.9	1433.7	1437.1	1438.4	1431.2	1425.4	1414.7	1405.5	1390.3	1370.8	1346.4
233	1492.1	1497.9	1502.1	1503.9	1498.3	1496.7	1484.1	1470.6	1454.4	1435.9	1414.9
234	1389.7	1393.1	1395.4	1395.7	1389.4	1386.6	1374.1	1360.1	1344.2	1325.9	1306.1
235	1051.9	1073.7	1092.0	1107.2	1114.8	1122.7	1121.6	1120.3	1113.2	1100.9	1082.6
236	1025.7	1050.8	1073.8	1095.0	1110.2	1127.1	1135.3	1144.9	1150.2	1151.7	1148.3
237	1008.3	1027.7	1047.6	1069.2	1088.2	1111.2	1127.2	1150.7	1172.0	1191.9	1209.3
238	1009.1	1026.3	1045.3	1065.8	1083.8	1107.9	1126.6	1151.1	1175.5	1198.3	1219.7
239	1011.3	1027.9	1046.2	1066.7	1085.5	1109.8	1128.8	1152.9	1177.6	1201.6	1224.7
240	1015.9	1024.1	1034.0	1046.5	1057.7	1074.8	1087.4	1105.4	1124.5	1143.2	1161.4
241	973.1	992.7	1011.7	1029.4	1042.2	1057.0	1063.7	1072.0	1076.8	1077.8	1075.1
242	833.7	799.4	773.5	752.8	737.1	730.9	727.7	728.3	725.4	717.7	716.9
243	595.8	574.2	549.1	525.6	501.3	484.6	518.0	616.3	675.6	696.0	715.7
244	1277.2	1260.3	1242.6	1226.7	1207.7	1194.7	1178.2	1166.9	1155.3	1143.8	1132.8
245	1264.5	1245.0	1224.5	1205.5	1183.5	1166.7	1147.1	1132.7	1118.0	1103.4	1089.5
246	1099.7	1108.6	1115.3	1119.5	1120.0	1122.4	1120.1	1116.7	1108.6	1100.8	1088.1
247	1061.5	1077.0	1089.4	1099.3	1102.2	1106.2	1101.7	1098.4	1090.0	1076.1	1057.9
248	1019.6	1033.2	1043.8	1053.7	1058.1	1065.5	1065.7	1067.6	1065.3	1060.5	1052.3
249	1073.7	1083.4	1092.5	1100.0	1102.4	1106.9	1105.0	1103.7	1099.1	1091.9	1082.4
250	847.0	862.6	878.5	896.1	909.6	925.0	934.3	944.4	950.5	951.8	949.7
251	901.3	896.0	888.9	882.2	871.9	863.0	850.6	844.3	838.1	833.7	830.1
252	116.7	118.0	129.9	122.1	139.9	132.8	137.5	144.9	140.4	151.7	159.0

Table XLVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 846 Pi	Nominal β 2.0° R: 847 Pi
2	1264.4	1261.3
3	1226.9	1194.2
4	1234.4	1266.8
5	1226.6	1197.3
6	1218.6	1249.8
7	1210.5	3859.2
8	1216.5	1246.1
9	1162.4	1158.8
10	1209.7	1207.8
11	1186.2	1156.4
12	1185.1	1212.7
13	1187.0	1160.8
14	1183.4	1210.3
15	1176.2	1149.7
16	1173.7	1200.1
17	1181.3	1180.0
19	1140.9	1118.3
20	1148.9	1170.2
21	1125.3	1105.9
22	1126.9	1146.5
23	1088.9	1071.3
24	1074.0	1092.0
25	1069.1	1052.7
26	1065.8	1082.1
43	1127.0	1126.5
44	1200.2	1230.0
67	1062.2	1045.8
68	1063.2	1079.5
85	1234.0	1198.7
86	1297.6	1328.1
87	1273.4	1251.0
88	1202.8	1203.7
89	1122.4	1118.4
90	1119.5	1123.1
91	1121.1	1120.4
921	1148.0	1146.0

Table XLVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 846 Pi	Nominal β 2.0° R: 847 Pi
922	1300.3	1299.4
93	1200.8	1199.2
94	1291.3	1292.3
95	1187.4	1188.2
125	1104.8	1086.8
126	1103.5	1120.6
128	1309.9	1307.5
132	1047.0	1045.9
201	1456.3	1450.9
202	1575.7	1570.4
203	1657.9	1653.7
204	1697.4	1694.0
205	1684.5	1682.0
206	1628.4	1626.3
207	1557.3	1555.7
208	1500.5	1499.2
209	1522.5	1488.3
210	1600.9	1572.4
211	1669.4	1652.1
212	1677.3	1686.5
213	1613.3	1634.8
214	1528.0	1558.0
215	1153.9	1148.0
216	1254.8	1219.9
217	1259.5	1293.4
218	1296.0	1292.0
219	1115.8	1095.5
220	1114.5	1134.7
221	1037.3	1021.0
222	1037.2	1053.2
223	1007.7	990.7
224	1012.5	1029.1
225	1150.7	1148.6
226	1227.3	1223.9
227	1279.4	1275.4
228	1349.8	1345.3

Table XLVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .80, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 846 Pi	Nominal β 2.0° R: 847 Pi
229	1385.6	1384.3
230	1146.9	1145.8
231	1336.0	1298.7
232	1453.1	1417.2
233	1449.2	1482.2
234	1336.6	1371.8
235	1147.3	1123.4
236	1154.8	1137.0
237	1136.9	1128.6
238	1131.2	1127.3
239	1131.1	1129.7
240	1089.6	1088.1
241	1078.1	1065.1
242	727.7	728.5
243	542.1	515.3
244	1180.9	1178.6
245	1150.1	1147.6
246	1144.8	1121.9
247	1126.0	1103.6
248	1084.2	1067.1
249	1087.7	1104.4
250	962.7	936.4
251	872.1	852.4
252	139.1	138.5

Table XLVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 685.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 121	R: 122	R: 123	R: 124	R: 125	R: 126	R: 127	R: 128	R: 129	R: 130	R: 131
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1086.6	1130.9	1173.5	1217.4	1262.5	1307.6	1354.2	1391.2	1440.3	1475.7	1521.4
3	1258.7	1276.3	1289.1	1293.7	1298.4	1299.9	1298.6	1293.1	1281.5	1269.4	1244.8
4	1255.4	1284.1	1299.7	1301.8	1307.7	1309.5	1307.8	1302.4	1291.3	1282.1	1264.0
5	1287.0	1292.7	1306.9	1308.4	1310.9	1306.5	1289.5	1282.5	1265.6	1251.8	1226.6
6	1275.4	1287.2	1299.9	1303.4	1305.1	1300.4	1292.1	1281.1	1261.3	1245.0	1227.4
7	1301.0	1303.0	1303.5	1297.2	1292.2	1284.4	1274.5	1262.3	1244.5	1224.8	1199.6
8	1300.5	1306.5	1308.4	1312.4	1308.2	1294.4	1282.7	1269.0	1252.7	1236.0	1222.0
9	1440.3	1401.1	1365.1	1325.0	1285.4	1244.6	1204.1	1168.5	1127.6	1088.8	1048.6
10	1037.1	1075.6	1112.7	1149.9	1190.0	1230.2	1272.7	1309.5	1352.4	1391.8	1431.5
11	1270.5	1270.9	1269.1	1265.3	1257.5	1249.3	1239.8	1221.1	1201.4	1186.8	1157.6
12	1263.5	1266.8	1266.2	1264.7	1259.5	1252.0	1237.2	1216.4	1192.1	1173.7	1148.4
13	1252.6	1243.6	1254.7	1252.8	1253.0	1250.1	1235.9	1222.1	1209.2	1200.2	1174.0
14	1246.1	1244.3	1253.0	1253.9	1253.4	1248.2	1237.9	1216.5	1202.3	1193.2	1172.3
15	1822.8	1822.2	1822.0	1821.1	1819.6	1818.4	1817.2	1816.4	1813.5	1811.2	1805.7
16	1222.1	1229.6	1233.2	1234.7	1234.0	1228.8	1219.9	1207.9	1193.4	1176.4	1157.5
17	1426.3	1393.9	1364.5	1332.4	1300.6	1267.8	1236.2	1209.3	1179.6	1152.0	1125.2
19	1133.5	1154.8	1166.1	1173.4	1176.6	1175.4	1174.2	1169.3	1161.7	1147.8	1129.4
20	1118.8	1147.9	1170.6	1178.4	1184.5	1185.4	1184.5	1179.1	1172.2	1160.7	1143.5
21	1126.8	1133.8	1143.7	1150.4	1155.8	1157.8	1158.0	1158.0	1147.4	1137.8	1124.2
22	1127.6	1137.4	1147.4	1152.7	1158.7	1159.6	1160.2	1156.7	1146.7	1135.5	1124.8
23	1062.4	1076.1	1090.3	1098.8	1107.2	1112.6	1114.3	1114.5	1110.5	1104.0	1092.9
24	1057.0	1071.7	1083.6	1092.1	1100.0	1104.0	1105.6	1104.2	1100.7	1093.7	1083.9
25	1028.0	1049.5	1067.5	1080.9	1093.2	1101.3	1107.6	1112.4	1110.5	1108.3	1101.3
26	1022.5	1045.5	1063.2	1076.9	1089.1	1097.2	1104.0	1107.8	1105.9	1103.3	1096.8
43	1228.0	1243.4	1256.8	1259.6	1265.3	1269.2	1274.2	1268.9	1267.8	1253.8	1241.0
44	1203.4	1222.9	1236.3	1242.3	1252.7	1256.5	1258.8	1254.5	1248.8	1240.4	1232.3
67	1003.6	1027.0	1047.3	1062.7	1076.6	1084.4	1092.2	1095.3	1094.5	1090.5	1081.7
68	1005.1	1029.8	1048.7	1063.9	1077.2	1085.6	1093.1	1095.1	1094.2	1089.5	1081.3
85	1298.9	1305.6	1310.1	1310.9	1314.8	1311.3	1304.8	1294.8	1280.7	1262.7	1238.8
86	1254.8	1284.0	1312.6	1338.3	1361.8	1379.8	1395.0	1402.6	1409.4	1412.6	1414.0
87	1148.2	1188.2	1226.1	1261.7	1296.4	1332.4	1361.1	1390.6	1413.7	1434.9	1452.5
88	1065.8	1109.8	1150.0	1170.1	1171.4	1190.1	1221.1	1249.3	1283.8	1316.0	1349.8
89	982.0	1008.8	1033.6	1058.3	1086.5	1114.5	1144.8	1171.6	1202.8	1233.7	1264.6
90	979.3	1004.8	1029.6	1054.9	1082.9	1111.7	1141.3	1166.8	1200.7	1229.1	1262.3
91	988.3	1010.7	1033.4	1057.4	1084.2	1112.1	1142.5	1167.4	1203.0	1230.6	1266.7
921	1449.7	1406.7	1366.6	1322.5	1278.1	1233.3	1187.8	1147.6	1100.2	1056.6	1008.6

Table XLVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 685.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 121	R: 122	R: 123	R: 124	R: 125	R: 126	R: 127	R: 128	R: 129	R: 130	R: 131
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1115.9	1164.9	1211.2	1257.8	1305.9	1353.7	1403.1	1444.9	1491.8	1534.2	1576.0
93	1026.2	1064.7	1101.4	1138.1	1177.9	1217.6	1259.7	1296.0	1338.8	1378.0	1417.8
94	1114.3	1160.5	1204.1	1248.4	1294.7	1340.7	1388.7	1429.3	1475.5	1517.8	1559.3
95	1050.4	1094.2	1134.3	1154.4	1155.7	1174.6	1205.7	1234.0	1268.8	1301.2	1335.0
125	1379.1	1376.3	1374.4	1371.5	1368.4	1365.3	1362.6	1361.1	1359.1	1358.5	1355.6
126	1072.4	1092.0	1106.4	1115.1	1122.9	1124.4	1122.8	1115.3	1101.8	1084.5	1065.6
128	1526.2	1509.6	1495.2	1479.8	1464.0	1449.4	1436.0	1425.1	1411.9	1400.9	1389.0
132	895.0	915.4	937.0	958.1	982.1	1011.0	1038.5	1062.3	1088.0	1114.4	1139.8
201	1858.6	1828.6	1797.5	1759.6	1716.0	1668.3	1617.2	1570.3	1510.3	1452.6	1387.2
202	1925.8	1912.0	1895.6	1873.7	1845.0	1812.7	1776.6	1742.5	1696.8	1651.6	1600.1
203	1936.5	1939.5	1939.2	1934.4	1922.0	1905.7	1885.2	1864.1	1832.3	1799.7	1759.3
204	1878.1	1900.8	1918.3	1931.7	1937.3	1939.0	1937.4	1932.3	1918.3	1901.5	1876.7
205	1745.8	1786.4	1821.0	1853.1	1878.9	1901.3	1920.3	1932.6	1938.9	1941.2	1936.5
206	1601.3	1650.9	1695.0	1737.7	1776.4	1812.2	1846.1	1871.8	1895.6	1914.3	1926.4
207	1473.4	1525.6	1573.3	1621.1	1666.0	1709.1	1751.4	1785.1	1819.4	1848.8	1873.0
208	1385.8	1438.3	1486.9	1535.5	1582.7	1628.8	1674.5	1711.9	1751.7	1786.4	1817.1
209	1705.2	1713.6	1720.7	1723.0	1720.4	1715.0	1706.0	1696.0	1676.4	1654.5	1624.5
210	1788.0	1801.3	1812.6	1820.1	1819.9	1818.0	1812.6	1805.0	1788.0	1768.5	1740.5
211	1854.9	1873.6	1888.7	1899.8	1904.1	1905.1	1902.3	1896.7	1881.4	1863.6	1837.0
212	1856.2	1878.3	1894.3	1906.9	1912.3	1913.5	1911.0	1904.6	1890.4	1873.6	1849.5
213	1793.1	1811.8	1824.5	1833.7	1836.1	1833.8	1827.8	1818.5	1802.1	1784.2	1759.9
214	1699.4	1715.0	1724.1	1729.8	1729.2	1723.4	1714.1	1701.4	1682.7	1662.4	1637.0
215	1448.7	1406.6	1368.1	1324.8	1281.6	1237.8	1193.1	1153.5	1107.2	1063.0	1016.0
216	1293.4	1309.5	1322.0	1329.7	1335.1	1337.3	1335.8	1331.7	1321.1	1306.9	1285.7
217	1294.1	1315.7	1329.7	1338.5	1345.4	1346.1	1343.8	1336.2	1325.7	1312.0	1296.3
218	1118.2	1164.9	1209.4	1254.5	1301.1	1347.7	1395.8	1436.7	1483.2	1525.4	1566.4
219	1096.1	1109.8	1122.9	1131.5	1138.0	1141.3	1143.6	1141.2	1134.8	1124.8	1110.4
220	1089.6	1106.7	1120.2	1130.6	1137.1	1139.0	1142.6	1139.1	1132.5	1121.7	1108.9
221	981.1	1004.8	1024.4	1039.7	1053.0	1063.6	1073.2	1078.0	1080.3	1079.7	1074.6
222	991.9	997.8	1007.3	1021.9	1037.8	1053.4	1063.5	1069.0	1076.4	1078.5	1075.7
223	938.3	962.2	979.7	994.0	1003.8	1018.2	1027.2	1032.5	1034.6	1033.7	1028.0
224	932.0	954.8	974.1	991.6	1008.8	1021.7	1033.0	1039.1	1042.7	1042.4	1038.6
225	1360.0	1329.6	1302.4	1272.9	1244.9	1217.5	1191.1	1168.4	1143.2	1120.6	1098.4
226	1586.2	1542.5	1500.7	1453.9	1405.0	1354.1	1301.8	1255.5	1199.9	1147.7	1091.7
227	1659.3	1616.9	1575.9	1529.3	1480.0	1426.4	1372.7	1325.0	1267.1	1212.2	1153.3
228	1757.2	1717.6	1678.1	1632.7	1582.6	1529.4	1473.4	1422.7	1359.9	1298.8	1232.9

Table XLVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 685.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 121	R: 122	R: 123	R: 124	R: 125	R: 126	R: 127	R: 128	R: 129	R: 130	R: 131
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1222.5	1274.0	1322.7	1371.8	1421.1	1469.6	1519.2	1560.7	1606.3	1647.3	1686.3
230	1003.6	1029.9	1056.8	1084.3	1115.4	1146.9	1181.5	1211.9	1248.7	1283.0	1318.9
231	1481.3	1481.9	1483.2	1480.0	1474.3	1464.2	1452.5	1440.4	1420.0	1398.1	1369.7
232	1630.2	1634.2	1638.1	1637.1	1631.8	1623.4	1612.1	1600.0	1578.4	1555.1	1523.9
233	1613.0	1623.8	1628.8	1630.5	1626.9	1617.7	1605.8	1591.0	1571.1	1549.9	1524.8
234	1469.8	1477.9	1480.7	1480.6	1475.7	1465.1	1452.5	1437.2	1418.0	1397.5	1374.3
235	1070.4	1114.0	1135.6	1152.7	1169.5	1178.8	1183.8	1183.3	1177.3	1165.1	1145.7
236	1024.2	1060.2	1094.2	1122.3	1150.5	1172.9	1192.3	1205.7	1217.5	1223.9	1226.2
237	987.6	1017.5	1046.0	1074.4	1105.9	1136.0	1167.0	1193.2	1227.6	1255.6	1284.1
238	992.0	1016.9	1042.9	1069.8	1099.7	1128.9	1159.9	1187.0	1223.5	1252.0	1284.9
239	996.6	1019.2	1043.4	1068.2	1096.7	1125.8	1157.7	1186.0	1220.6	1252.8	1286.9
240	976.9	988.5	1006.9	1024.5	1046.1	1069.6	1096.0	1120.1	1148.4	1176.1	1204.3
241	913.7	947.1	982.6	1013.3	1043.7	1070.3	1093.9	1111.1	1125.2	1134.5	1138.0
242	450.5	420.6	396.0	373.3	354.9	345.8	363.5	419.1	462.3	467.6	463.3
243	606.7	579.6	556.9	535.4	514.9	496.3	478.4	464.5	448.9	437.0	425.1
244	1378.8	1354.6	1333.7	1311.5	1290.3	1270.6	1252.4	1237.6	1221.5	1208.4	1195.4
245	1351.1	1322.6	1297.4	1269.9	1244.0	1219.0	1194.8	1174.6	1152.4	1133.2	1114.2
246	1166.9	1171.9	1177.5	1181.8	1184.8	1183.4	1179.9	1171.3	1163.0	1150.6	1133.8
247	1094.4	1114.8	1132.1	1142.8	1155.2	1158.1	1156.8	1151.9	1140.8	1125.0	1101.9
248	1062.8	1077.7	1091.7	1101.6	1110.4	1116.1	1118.3	1117.5	1112.5	1105.7	1090.5
249	1069.6	1086.0	1098.4	1108.2	1116.5	1121.0	1123.5	1122.3	1118.0	1112.0	1092.8
250	801.3	844.8	882.8	915.1	944.0	967.5	987.1	1000.7	1010.4	1015.3	1014.8
251	711.5	720.2	734.8	750.1	769.2	783.3	796.4	806.9	815.8	823.0	826.5
252	126.0	120.9	132.4	133.9	145.5	146.1	157.4	150.3	167.8	170.0	179.3

Table XLIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 164	R: 165	R: 166	R: 167	R: 168	R: 169	R: 170
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	786.1	818.2	850.9	884.4	916.6	948.1	979.7
3	910.2	922.8	934.6	942.9	946.5	946.4	943.0
4	914.6	933.5	947.1	948.6	953.3	955.3	954.6
5	931.2	937.5	943.5	947.9	948.5	943.3	935.7
6	931.4	937.7	943.1	946.1	946.1	943.9	942.7
7	944.7	946.5	949.2	948.6	942.9	937.1	927.9
8	949.9	951.8	953.5	953.1	949.7	944.5	937.1
9	1048.9	1019.5	992.7	964.7	935.9	907.1	878.1
10	751.7	779.9	808.6	837.9	866.3	894.4	923.1
11	916.0	920.3	921.9	919.9	915.0	908.8	898.4
12	921.0	922.5	923.2	922.7	917.7	914.0	904.1
13	900.9	902.9	906.1	911.8	911.2	904.8	894.7
14	902.3	905.3	908.1	910.7	914.1	910.2	903.0
15	891.9	895.0	898.2	899.2	896.2	893.5	885.2
16	892.0	895.6	899.0	901.0	899.7	896.6	890.4
17	1038.9	1014.4	992.6	969.8	946.8	924.2	902.1
19	822.8	844.2	848.7	855.1	857.5	856.1	852.6
20	820.5	838.2	853.3	861.8	864.7	864.8	864.7
21	815.3	822.5	831.6	837.7	841.0	841.9	840.5
22	819.7	827.1	836.4	842.3	844.8	845.5	844.9
23	770.8	781.6	792.9	801.8	807.4	810.7	811.6
24	770.4	780.6	790.3	798.1	803.2	806.1	806.6
25	744.3	760.7	775.0	786.9	795.4	801.1	805.0
26	743.6	759.6	774.3	785.8	794.2	800.4	804.4
43	886.5	898.0	910.3	918.2	922.2	924.0	923.5
44	876.3	889.9	900.1	907.5	914.1	917.2	918.7
67	726.9	744.8	760.9	774.1	784.1	789.2	794.0
68	731.7	749.4	764.8	777.6	787.0	793.0	797.6
85	943.8	951.2	958.3	961.8	961.9	958.1	951.6
86	911.1	935.3	957.6	977.3	993.2	1006.3	1017.0
87	830.1	860.9	891.2	920.0	945.5	968.2	988.8
88	772.4	796.2	822.0	850.9	876.8	887.3	905.3
89	712.4	732.3	751.9	771.9	791.9	812.0	832.5
90	709.3	729.4	749.5	770.1	790.4	810.3	830.1
91	716.0	733.8	752.0	771.2	790.4	810.0	830.2
921	1059.4	1026.5	996.2	964.6	931.8	899.1	866.0

Table XLIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 164	R: 165	R: 166	R: 167	R: 168	R: 169	R: 170
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	808.6	844.4	880.6	916.8	951.6	985.1	1018.2
93	743.9	772.1	800.8	829.8	857.9	885.8	914.2
94	809.6	842.6	876.7	911.2	944.5	976.9	1009.3
95	761.2	783.0	806.5	835.2	861.0	871.5	889.7
125	791.7	803.1	813.5	821.4	826.1	827.2	826.0
126	793.8	805.4	815.4	823.1	828.3	830.1	828.2
128	1111.7	1098.8	1088.7	1078.7	1067.9	1057.0	1046.5
132	651.1	666.6	683.9	700.9	718.1	738.6	756.7
201	1354.8	1332.5	1309.8	1283.2	1252.3	1218.9	1182.4
202	1402.9	1392.2	1381.0	1365.6	1345.9	1322.9	1296.6
203	1410.3	1412.0	1413.3	1410.4	1402.4	1390.6	1375.3
204	1366.7	1382.9	1397.6	1408.5	1413.7	1414.3	1412.1
205	1269.1	1298.5	1326.6	1351.6	1371.3	1386.4	1398.3
206	1163.2	1199.2	1234.6	1267.9	1296.5	1321.5	1343.6
207	1070.3	1109.4	1147.3	1183.8	1216.7	1246.5	1274.4
208	1006.0	1044.8	1083.5	1120.9	1155.5	1187.5	1218.1
209	1236.9	1245.1	1252.7	1256.6	1255.0	1249.7	1241.1
210	1298.0	1309.3	1320.0	1327.0	1328.1	1325.5	1319.5
211	1347.9	1362.4	1375.7	1385.1	1389.1	1388.9	1385.1
212	1352.6	1367.3	1380.7	1390.6	1395.3	1396.1	1393.6
213	1308.1	1319.6	1330.2	1337.2	1339.8	1338.6	1334.3
214	1241.4	1249.9	1257.4	1261.7	1261.7	1258.4	1252.1
215	1055.7	1024.0	995.0	965.0	933.9	902.3	870.0
216	936.3	949.2	961.2	970.1	974.1	974.3	971.3
217	945.3	958.7	969.0	977.1	981.3	982.7	981.5
218	810.5	844.7	879.7	914.9	948.7	981.4	1013.8
219	794.1	805.0	816.2	825.1	829.5	831.1	831.8
220	793.9	805.2	816.4	826.4	830.4	831.6	833.9
221	710.8	729.5	745.1	757.8	767.5	774.5	780.5
222	709.7	728.6	742.8	755.6	765.5	773.0	780.6
223	679.9	699.3	713.2	725.4	733.1	742.5	748.0
224	674.5	693.7	709.5	724.0	735.6	745.1	752.2
225	991.1	968.4	948.6	928.7	908.6	888.7	869.3
226	1157.6	1124.6	1093.7	1060.6	1025.7	990.2	953.5
227	1210.7	1178.8	1148.5	1115.6	1080.5	1044.6	1006.9
228	1281.6	1251.7	1222.6	1190.1	1154.3	1117.1	1077.2

Table XLIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 164	R: 165	R: 166	R: 167	R: 168	R: 169	R: 170
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	886.1	923.9	962.2	1000.2	1036.3	1070.5	1103.9
230	728.6	747.6	768.8	791.1	813.1	835.4	858.7
231	1073.1	1076.2	1079.2	1078.9	1074.1	1066.4	1055.9
232	1182.2	1187.7	1192.6	1194.1	1190.3	1183.1	1172.8
233	1178.8	1184.0	1188.0	1189.4	1187.0	1181.7	1173.9
234	1074.9	1077.7	1079.9	1079.7	1076.2	1070.3	1062.1
235	775.2	806.9	824.9	840.4	851.9	857.6	860.4
236	743.2	769.1	795.4	818.8	840.3	855.5	867.1
237	717.8	738.2	760.7	783.4	806.3	827.6	848.5
238	721.4	739.4	759.8	780.9	801.5	820.7	847.3
239	724.9	740.6	759.3	779.5	800.4	821.0	842.4
240	711.2	719.0	733.4	747.7	763.3	780.0	797.6
241	664.2	688.4	714.5	738.5	760.3	779.5	795.5
242	327.8	305.2	286.5	269.5	256.4	251.0	263.4
243	440.3	420.7	403.5	388.0	373.8	360.2	347.6
244	1004.9	986.7	971.7	956.8	941.9	927.6	914.1
245	984.8	963.4	945.0	926.5	907.9	889.7	872.2
246	849.7	857.9	864.6	866.3	862.6	861.8	857.7
247	792.8	808.6	822.7	833.3	842.0	843.4	841.5
248	770.8	782.6	793.9	803.1	809.2	813.0	813.9
249	778.7	790.1	800.9	809.7	815.2	818.8	819.9
250	578.7	612.4	641.6	666.7	687.0	703.2	716.3
251	516.3	522.4	533.3	546.5	559.7	569.4	578.2
252	88.0	99.6	91.0	101.2	108.7	104.1	118.7

Table L: AEDC 16' Tunnel - 10% Model

Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0

Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 184	R: 185	R: 186	R: 187	R: 188	R: 189	R: 190	R: 191	R: 192	R: 193	R: 194
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	788.8	821.9	852.8	883.1	915.9	946.6	978.8	1011.3	1042.9	1074.4	1104.9
3	916.9	927.5	935.8	941.5	945.6	946.8	945.1	940.4	933.0	922.2	907.5
4	912.2	934.0	945.6	946.1	951.6	953.3	951.6	946.9	939.4	930.3	918.7
5	937.6	941.6	944.2	946.4	947.6	944.1	938.0	930.6	921.0	908.9	893.6
6	928.6	937.2	941.4	943.7	944.2	941.8	939.3	930.6	917.6	906.2	892.7
7	951.6	951.4	950.0	947.7	943.0	938.8	930.6	920.6	907.9	893.4	876.3
8	947.0	951.5	952.0	950.7	947.7	942.0	933.8	923.5	911.5	898.7	887.3
9	1049.9	1020.3	990.4	962.3	933.8	906.2	877.7	848.9	820.7	792.6	763.9
10	754.2	783.1	810.0	836.6	865.6	893.2	922.3	952.0	981.4	1010.9	1039.9
11	920.9	923.8	922.0	918.5	914.2	909.5	900.6	888.4	871.4	858.0	839.4
12	919.0	922.2	921.6	920.1	915.6	911.9	901.0	886.7	868.6	854.0	836.0
13	906.8	906.5	907.0	910.5	910.6	906.0	897.6	888.5	876.5	865.1	852.9
14	900.3	905.1	906.6	908.2	911.9	907.9	899.4	885.8	872.8	860.4	845.3
15	896.9	898.2	898.4	897.7	895.5	894.1	887.1	877.8	867.5	856.3	841.1
16	889.8	895.4	897.5	898.5	897.6	894.3	887.3	878.4	867.7	855.6	841.0
17	1040.1	1015.2	990.7	967.5	944.8	923.0	901.2	879.6	858.9	839.0	819.6
19	829.7	847.5	848.8	854.2	857.0	856.7	853.8	851.5	845.8	836.2	824.1
20	819.2	838.4	852.0	859.2	862.6	862.7	862.4	859.3	853.5	845.5	832.2
21	819.1	825.5	832.5	836.9	840.7	842.3	841.5	841.3	834.8	827.3	817.7
22	819.3	827.8	835.4	839.8	842.9	843.7	843.3	841.5	833.8	826.4	818.0
23	774.1	784.7	793.8	801.1	807.3	811.0	812.1	811.5	808.5	803.8	796.4
24	770.2	781.4	789.4	795.6	801.1	804.2	804.8	803.8	800.7	795.9	788.3
25	747.6	763.6	776.0	786.4	795.4	801.4	805.6	808.7	807.3	805.6	801.1
26	743.6	760.9	773.7	783.5	792.5	798.8	803.0	805.8	804.5	802.5	797.7
43	891.7	902.3	911.6	917.1	921.6	924.3	925.1	923.3	919.3	912.8	903.0
44	875.4	889.8	898.4	905.0	912.4	915.3	916.4	914.3	909.6	903.9	896.1
67	730.0	747.8	761.9	773.4	784.0	789.2	794.4	796.7	796.3	793.4	787.4
68	731.9	750.7	764.2	775.3	785.2	791.4	796.2	797.9	796.8	793.6	787.5
85	950.3	955.6	958.9	960.1	960.9	958.8	953.9	946.2	936.1	922.8	906.5
86	909.7	935.8	956.6	974.8	992.0	1005.0	1014.9	1021.7	1025.8	1028.2	1028.8
87	834.9	865.9	893.9	919.4	945.0	967.5	989.2	1009.6	1028.1	1044.4	1057.8
88	773.7	798.3	822.0	848.6	875.8	886.3	904.8	927.4	950.6	974.9	998.2
89	713.8	734.4	752.6	770.9	791.5	811.2	831.9	852.6	872.9	895.4	918.0
90	712.2	732.0	750.1	768.6	789.5	809.1	829.2	851.0	872.7	895.1	917.5
91	718.5	736.0	752.7	769.9	789.6	808.7	829.0	851.0	873.3	896.7	920.4
921	1060.8	1027.3	993.5	962.2	929.8	898.8	866.3	833.3	801.5	769.9	736.3

Table L: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 184	R: 185	R: 186	R: 187	R: 188	R: 189	R: 190	R: 191	R: 192	R: 193	R: 194
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	811.0	847.9	881.8	915.4	950.8	984.2	1017.9	1051.5	1084.0	1116.0	1146.6
93	746.2	775.3	802.0	828.6	857.3	885.0	913.6	943.0	972.1	1001.3	1030.3
94	812.3	846.1	878.1	909.8	943.7	975.7	1008.7	1041.4	1073.2	1104.5	1134.7
95	762.5	785.2	806.6	832.9	860.0	870.6	889.2	912.0	935.3	959.7	983.4
125	796.2	806.4	814.6	820.9	826.2	827.9	827.2	822.1	814.0	802.8	789.1
126	792.5	805.8	814.6	820.6	826.3	828.1	826.6	821.6	813.5	802.8	790.0
128	1113.4	1100.5	1087.5	1076.6	1066.3	1056.1	1045.9	1036.1	1027.3	1018.6	1010.4
132	652.7	668.5	684.0	699.2	716.9	737.2	755.6	773.9	791.9	810.9	829.9
201	1356.7	1333.9	1308.0	1280.4	1250.1	1217.5	1181.5	1142.6	1102.0	1058.7	1013.6
202	1404.8	1394.1	1379.3	1362.8	1343.9	1321.6	1295.7	1266.8	1235.8	1201.8	1165.6
203	1412.6	1414.6	1412.0	1407.6	1400.3	1389.5	1374.4	1356.0	1334.4	1309.5	1281.5
204	1369.3	1386.1	1397.0	1405.7	1411.9	1413.0	1411.4	1405.5	1396.3	1383.2	1366.5
205	1271.8	1302.3	1326.8	1349.1	1369.5	1385.3	1397.7	1406.3	1411.0	1412.0	1409.6
206	1166.0	1203.0	1235.1	1265.2	1295.0	1320.5	1343.1	1362.7	1379.3	1392.7	1402.2
207	1072.8	1113.0	1148.0	1181.5	1215.3	1245.3	1273.9	1300.2	1323.9	1345.2	1363.3
208	1008.6	1048.4	1084.4	1118.8	1154.3	1186.4	1217.6	1247.0	1274.5	1299.7	1322.4
209	1243.6	1249.9	1252.8	1254.2	1253.8	1250.1	1243.3	1233.3	1220.3	1203.5	1183.4
210	1304.2	1313.8	1320.2	1324.5	1326.7	1325.5	1321.0	1313.1	1302.1	1286.8	1268.1
211	1352.3	1366.4	1375.4	1382.4	1387.3	1388.3	1385.6	1379.2	1369.3	1355.4	1337.6
212	1353.4	1369.5	1379.7	1387.8	1393.3	1394.5	1391.8	1385.4	1375.8	1362.5	1346.3
213	1306.9	1320.7	1328.8	1334.3	1337.7	1336.5	1331.5	1323.1	1311.7	1297.6	1280.4
214	1238.8	1250.2	1255.7	1258.8	1259.5	1255.8	1248.5	1237.9	1224.7	1209.2	1191.1
215	1056.4	1024.6	992.6	962.7	931.8	901.7	870.1	837.9	806.0	773.6	739.8
216	943.0	954.0	962.3	968.6	973.1	974.7	973.4	969.2	962.3	951.9	937.7
217	942.6	958.3	967.4	974.6	979.7	980.7	978.3	972.9	964.9	955.1	943.0
218	813.4	848.4	881.5	913.6	947.9	980.0	1013.1	1046.3	1078.4	1109.6	1139.7
219	797.7	808.3	817.1	824.3	829.2	831.5	832.7	830.4	826.0	819.5	809.2
220	793.0	805.3	815.5	823.7	828.4	829.9	831.9	829.5	824.0	817.1	807.2
221	713.8	732.3	745.9	757.0	767.3	774.5	781.0	784.5	786.0	785.6	782.5
222	708.8	729.1	742.2	753.3	763.8	771.4	779.2	783.5	785.3	785.2	782.6
223	682.9	702.1	713.9	724.7	732.9	742.4	748.4	752.5	754.1	753.4	749.7
224	677.8	695.0	709.2	721.9	734.1	743.4	751.0	756.2	758.4	758.3	755.5
225	992.3	969.3	946.7	926.5	906.8	887.9	868.9	850.6	833.2	816.4	800.5
226	1158.5	1125.3	1091.3	1058.1	1023.4	988.7	952.5	915.1	877.7	839.3	800.5
227	1211.8	1179.5	1146.1	1112.9	1078.2	1043.1	1005.9	967.3	928.6	888.6	848.3
228	1283.0	1252.6	1220.5	1187.5	1152.2	1115.4	1075.9	1034.1	991.0	945.8	899.3

Table L: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 184	R: 185	R: 186	R: 187	R: 188	R: 189	R: 190	R: 191	R: 192	R: 193	R: 194
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	888.8	927.6	963.5	998.5	1035.4	1069.5	1103.4	1136.7	1168.4	1198.8	1227.4
230	730.6	750.2	769.8	789.9	812.5	834.2	857.9	882.8	907.7	933.6	959.6
231	1080.2	1080.5	1079.2	1076.8	1072.9	1067.1	1058.5	1047.4	1034.2	1017.7	998.4
232	1189.0	1192.1	1192.7	1191.7	1189.0	1183.5	1175.2	1163.7	1149.6	1131.7	1110.8
233	1175.9	1183.8	1186.4	1186.8	1185.0	1179.2	1170.0	1158.1	1143.9	1128.1	1109.9
234	1071.2	1077.2	1078.1	1077.2	1074.1	1067.7	1058.2	1046.3	1032.4	1017.3	1000.2
235	778.6	811.3	826.5	839.8	851.6	857.6	860.5	860.8	856.4	847.9	834.3
236	745.2	772.6	797.3	818.6	840.3	855.1	866.9	877.9	885.9	891.2	894.2
237	718.8	740.6	762.1	782.7	806.2	826.7	847.8	868.6	891.0	914.1	934.6
238	722.8	741.6	760.8	780.0	801.2	819.8	845.3	870.8	893.2	916.4	939.8
239	726.5	743.0	760.3	778.3	799.8	819.9	841.7	864.8	888.3	912.7	937.4
240	712.1	720.8	733.6	746.2	762.4	778.8	796.7	815.8	835.2	855.6	876.2
241	664.9	689.2	715.4	737.7	760.1	779.0	795.2	808.5	818.5	825.3	828.5
242	326.7	304.4	284.9	269.5	256.0	250.5	258.0	299.0	332.7	341.0	339.0
243	440.0	420.2	401.8	387.0	373.0	360.9	348.5	337.0	326.6	317.3	309.3
244	1006.2	987.8	970.1	954.7	940.2	926.7	913.7	901.4	890.1	880.1	870.9
245	986.0	964.4	943.3	924.3	906.1	888.8	871.7	855.4	839.8	825.3	811.9
246	854.2	861.3	865.1	865.2	862.3	862.3	859.0	853.1	846.5	837.8	825.9
247	796.8	812.3	824.0	832.6	841.6	843.7	842.7	838.0	831.0	819.7	803.7
248	774.2	785.6	794.8	802.6	809.4	813.6	814.7	813.8	810.4	805.5	794.8
249	778.2	790.9	799.9	807.2	813.3	817.1	818.3	817.5	814.3	809.9	796.7
250	583.8	616.4	643.8	667.2	688.2	704.6	718.0	728.3	735.3	738.9	739.0
251	519.0	525.1	535.1	547.1	560.8	570.9	579.4	587.3	594.1	599.3	602.0
252	80.7	92.8	92.2	109.4	107.8	103.1	118.2	112.3	114.4	125.3	123.9

Table LI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 144	R: 145	R: 146	R: 147	R: 148	R: 149	R: 150	R: 151	R: 152	R: 153	R: 154
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	784.3	814.5	845.0	878.0	910.9	946.4	978.0	1012.2	1043.2	1074.0	1104.9
3	883.5	895.2	905.1	911.3	914.8	914.9	911.9	905.8	897.6	885.1	870.3
4	943.6	956.5	973.4	976.5	980.2	985.9	986.9	981.7	974.4	965.0	954.6
5	901.7	908.1	913.0	919.3	917.4	912.3	906.3	897.9	888.4	875.5	860.6
6	963.0	967.6	972.1	974.6	976.9	973.9	973.5	962.7	950.0	937.9	925.1
7	913.9	916.8	918.2	917.1	911.2	906.8	898.9	888.2	876.5	862.0	845.2
8	981.8	982.1	982.8	981.4	976.6	973.3	966.5	953.9	941.2	927.5	916.5
9	1048.7	1020.0	993.9	964.7	934.5	904.5	874.9	845.2	817.8	789.6	761.7
10	751.7	778.1	804.7	833.3	862.2	893.6	921.8	952.8	981.7	1010.7	1040.2
11	893.6	898.2	898.4	894.7	887.9	881.4	871.0	856.6	841.1	824.7	807.1
12	946.6	946.5	947.0	946.5	942.0	940.7	933.3	918.7	901.3	885.1	869.2
13	876.4	878.5	880.6	885.1	884.3	877.6	868.4	857.7	846.6	833.8	821.4
14	929.5	931.5	934.0	939.2	937.4	936.4	931.0	916.5	903.9	890.6	876.7
15	866.6	870.1	872.6	872.8	869.2	868.4	861.2	851.5	841.6	829.6	814.7
16	921.1	923.0	925.3	926.1	923.6	922.3	917.2	906.7	895.4	882.4	868.3
17	1039.5	1015.5	994.1	970.4	946.4	924.0	901.0	878.0	858.0	838.1	819.4
19	801.2	824.7	827.4	833.4	835.3	834.8	832.7	829.0	822.6	811.9	800.6
20	845.4	862.0	874.0	881.7	883.9	886.1	887.3	883.3	877.7	869.2	856.7
21	797.4	804.6	812.2	817.4	821.2	823.5	822.6	822.0	815.1	806.7	798.5
22	839.8	845.9	853.8	859.0	860.9	863.7	863.9	862.0	854.1	846.5	838.3
23	755.2	765.8	776.4	784.5	790.0	795.0	796.8	795.6	792.4	787.3	780.2
24	789.2	798.2	806.7	813.7	817.9	822.1	823.4	822.2	818.6	812.9	805.6
25	729.3	746.4	759.6	771.6	780.7	788.4	792.8	796.1	795.0	793.1	789.4
26	761.8	775.3	788.5	798.9	806.5	813.8	818.1	820.6	818.9	815.8	811.0
43	866.8	877.4	887.5	891.5	894.7	898.1	895.6	892.2	887.2	878.9	869.4
44	896.5	912.4	924.5	930.8	937.7	945.1	948.8	947.5	943.4	937.9	931.2
67	715.2	732.6	747.4	760.1	770.2	777.0	781.2	783.1	782.0	777.9	772.2
68	747.2	762.8	777.0	789.2	798.7	806.1	812.0	813.9	813.2	809.7	804.4
85	912.4	920.0	925.8	925.3	928.6	925.1	919.7	911.2	901.1	886.9	870.9
86	934.6	958.0	979.6	1000.0	1016.6	1034.8	1047.6	1055.8	1060.4	1063.2	1064.8
87	819.4	847.1	873.0	899.0	923.8	947.9	966.8	986.1	1002.3	1016.3	1029.1
88	778.5	802.6	832.1	862.3	876.1	887.8	906.4	929.8	952.7	976.6	1001.6
89	715.4	733.2	750.3	768.7	788.0	809.9	827.0	847.8	868.1	889.2	911.5
90	705.7	726.8	746.4	767.3	788.5	811.9	833.6	855.6	877.9	900.7	924.1
91	714.4	732.4	749.3	767.8	787.4	809.4	829.2	851.7	873.9	897.2	921.7
921	1056.6	1025.7	997.2	965.0	931.3	897.4	863.7	829.9	799.0	768.6	739.6

Table LI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 144	R: 145	R: 146	R: 147	R: 148	R: 149	R: 150	R: 151	R: 152	R: 153	R: 154
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	810.0	843.9	877.4	912.7	947.2	984.5	1017.7	1053.1	1084.8	1116.0	1147.1
93	744.2	771.3	797.9	826.2	854.4	885.4	913.2	943.9	972.5	1001.3	1030.7
94	810.2	842.1	874.0	908.0	941.7	978.0	1010.6	1045.3	1076.6	1107.4	1138.2
95	766.3	787.6	816.8	846.8	860.7	872.5	891.3	914.7	937.8	961.7	986.8
125	769.1	781.1	791.2	799.3	805.7	809.9	810.0	806.2	799.5	789.1	777.2
126	818.5	827.5	835.4	841.8	844.6	846.8	845.1	837.7	827.9	815.6	802.4
128	1111.0	1098.1	1088.1	1076.7	1065.1	1054.9	1044.5	1035.0	1026.5	1017.6	1010.2
132	653.7	668.5	684.0	700.6	717.7	739.7	756.5	774.6	792.2	810.5	830.0
201	1353.9	1331.9	1310.1	1282.4	1250.6	1215.7	1177.9	1137.2	1097.8	1054.5	1010.5
202	1401.8	1391.0	1379.7	1363.2	1343.0	1319.7	1292.7	1262.2	1231.8	1197.7	1162.6
203	1409.4	1410.8	1411.3	1407,2	1398.6	1387.8	1371.9	1352.2	1331.3	1305.8	1278.8
204	1365.8	1380.8	1394.3	1404.0	1408.6	1411.8	1409.3	1403.2	1393.8	1379.9	1364.1
205	1269.2	1296.7	1322.4	1346.1	1365.1	1383.9	1396.3	1405.0	1409.2	1409.4	1407.6
206	1162.6	1196.9	1229.6	1261.8	1290.2	1319.2	1342.3	1362.7	1378.6	1390.7	1400.9
207	1072.0	1108.0	1142.9	1178.3	1210.5	1244.6	1273.3	1300.9	1323.6	1343.7	1362.4
208	1007.5	1043.6	1079.0	1115.4	1149.5	1185.9	1217.1	1248.1	1274.5	1298.7	1322.0
209	1207.9	1215.7	1222.0	1224.5	1223.2	1217.5	1210.4	1200.0	1187.2	1169.7	1150.4
210	1274.8	1285.6	1295.2	1300.9	1301.6	1299.4	1294.6	1286.3	1275.1	1259.3	1241.6
211	1335.1	1348.7	1360.5	1368.8	1372.3	1373.6	1370.3	1363.5	1353.5	1338.8	1322.0
212	1364.0	1377.1	1389.2	1398.1	1402.2	1405.6	1402.9	1395.5	1385.7	1372.0	1356.5
213	1329.9	1339.9	1349.4	1355.5	1357.2	1359.4	1354.6	1344.8	1333.5	1318.6	1302.3
214	1271.0	1278.2	1284.7	1288.1	1287.3	1287.5	1280.7	1268.0	1254.9	1238.5	1221.3
215	1053.3	1023.1	995.1	963.7	930.8	897.6	864.8	831.5	800.9	769.6	738.3
216	907.8	920.0	929.6	937.2	941.0	941.5	939.0	933.8	926.0	914.1	900.0
217	975.7	987.1	997.9	1005.4	1009.6	1014.8	1014.8	1008.7	1000.9	991.0	980.0
218	807.0	841.6	873.8	907.7	941.5	977.8	1009.8	1044.5	1075.4	1105.7	1136.2
219	778.0	788.5	798.1	805.9	809.8	813.0	813.1	810.0	805.4	797.2	786.9
220	812.3	822.3	833.4	842.5	846.6	849.9	853.8	851.8	846.2	839.2	830.0
221	698.3	716.2	731.4	743.7	754.0	763.2	768.8	772.4	773.9	772.8	770.1
222	727.3	742.6	755.4	767.2	776.6	786.4	794.3	798.0	799.6	798.9	796.6
223	674.3	688.7	701.3	712.7	720.7	730.9	736.1	739.3	740.2	738.2	734.6
224	687.5	706.4	720.3	734.3	744.9	758.2	766.0	771.6	774.2	774.1	771.9
225	991.7	969.1	949.8	928.6	906.8	886.6	867.5	848.7	831.6	814.7	799.3
226	1158.4	1128.4	1096.6	1062.3	1026.2	988.8	950.6	911.9	875.8	837.7	799.9
227	1211.0	1180.0	1150.7	1116.7	1080.5	1042.7	1003.6	963.4	925.8	886.0	846.6
228	1281.4	1252.3	1224.3	1190.7	1154.4	1115.1	1073.5	1029.8	987.9	943.1	897.6

Table LI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 144	R: 145	R: 146	R: 147	R: 148	R: 149	R: 150	R: 151	R: 152	R: 153	R: 154
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	887.4	923.0	958.1	995.1	1030.8	1069.2	1102.9	1137.9	1168.6	1198.2	1227.2
230	727.9	747.5	766.7	788.3	810.8	836.0	858.5	883.8	908.3	933.6	959.9
231	1038.4	1041.9	1044.0	1042.6	1038.4	1030.2	1021.5	1010.1	997.1	980.2	961.8
232	1150.9	1156.3	1160.4	1160.5	1156.8	1149.2	1140.7	1128.7	1114.6	1096.2	1076.1
233	1211.2	1214.7	1218.2	1218.7	1215.3	1213.4	1205.0	1191.0	1176.9	1160.3	1142.9
234	1110.1	1111.5	1113.0	1112.0	1107.1	1104.2	1095.8	1081.5	1067.3	1051.4	1034.9
235	769.5	796.5	810.7	823.6	832.5	838.2	839.0	835.1	827.7	815.5	799.7
236	744.2	767.4	788.7	810.4	825.0	840.3	850.1	857.6	861.7	864.1	863.4
237	722.0	740.0	759.1	780.3	801.0	823.0	840.1	864.7	883.7	902.8	922.6
238	725.3	740.8	758.4	777.6	796.6	824.6	844.3	866.4	887.8	909.9	933.2
239	726.3	740.3	757.8	777.3	797.9	821.2	841.6	864.9	887.7	911.4	936.4
240	709.8	721.9	733.0	746.1	761.4	780.1	796.7	815.9	835.0	854.6	875.4
241	673.7	697.7	717.6	738.0	756.6	774.5	786.4	796.1	802.0	804.6	804.9
242	345.1	329.3	320.0	311.0	299.5	293.9	294.7	296.3	312.7	330.6	335.1
243	442.1	422.3	405.8	389.3	373.6	359.8	346.9	335.6	325.3	314.8	305.9
244	1004.8	986.9	971.9	955.7	939.5	925.7	912.1	899.2	888.3	877.6	869.1
245	985.5	964.2	946.0	926.0	905.9	887.7	870.2	853.0	837.9	823.1	810.0
246	824.6	835.6	841.9	837.8	840.0	839.4	836.8	830.5	822.9	814.4	803.2
247	779.9	794.3	805.4	814.7	821.2	823.4	820.3	814.8	805.9	792.3	775.3
248	751.6	763.8	775.1	784.6	791.5	798.1	800.1	800.1	797.3	792.8	783.5
249	799.8	809.1	818.2	825.4	829.6	833.8	834.8	832.7	828.2	822.2	808.7
250	539.7	577.7	608.7	637.0	661.1	682.8	698.3	711.4	720.2	725.4	728.4
251	496.5	504.9	515.7	529.0	543.5	553.6	563.5	572.2	578.9	583.8	587.7
252	83.6	91.3	98.0	106.7	103.9	103.4	118.1	113.9	115.1	125.0	124.1

Table LII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 133	R: 134	R: 135	R: 136	R: 137	R: 138	R: 139	R: 140	R: 141	R: 142	R: 143
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	789.6	815.6	841.8	874.6	914.6	947.2	979.1	1005.0	1041.3	1068.4	1096.4
3	944.7	954.1	962.1	968.8	976.0	975.3	973.9	969.6	961.8	953.6	942.9
4	890.3	897.6	905.4	913.4	921.7	924.0	923.4	920.0	914.9	907.8	897.0
5	967.1	970.8	973.7	975.3	982.4	975.0	965.6	958.5	948.1	938.2	926.3
6	902.8	907.7	912.9	913.4	915.2	912.7	912.0	905.4	894.3	881.8	867.1
7	980.5	980.1	979.2	976.1	973.0	964.7	956.0	944.0	932.4	918.6	903.6
8	920.5	921.7	923.3	921.1	919.8	913.8	909.4	901.1	890.0	877.0	865.2
9	1047.7	1017.6	989.7	961.3	935.0	904.6	877.3	850.1	821.7	793.8	766.1
10	755.9	782.9	810.4	836.5	865.8	893.4	922.5	949.1	981.2	1010.0	1038.1
11	943.9	948.6	947.4	944.2	941.2	934.0	926.6	913.1	897.9	885.5	869.6
12	897.8	897.1	897.7	894.6	891.4	884.8	877.0	863.5	845.8	830.5	811.5
13	931.3	931.2	932.7	936.9	938.0	930.9	921.8	912.3	900.7	890.6	880.3
14	882.8	879.9	882.0	881.5	884.1	880.6	875.1	863.2	850.5	837.1	822.5
15	1767.1	1766.3	1766.4	1765.7	1764.2	1760.7	1758.6	1756.6	1755.6	1754.6	1754.1
16	866.5	868.9	872.0	872.1	872.7	868.4	865.4	857.9	847.8	835.1	820.4
17	1039.1	1013.2	990.0	967.1	946.4	922.1	901.2	880.1	859.6	839.9	821.4
19	849.8	864.6	870.9	875.4	879.7	875.7	873.6	869.9	866.3	856.9	846.3
20	798.3	818.2	833.2	838.4	842.3	842.2	844.0	841.4	835.9	828.0	814.6
21	838.6	844.1	851.0	855.5	860.2	859.2	858.9	857.6	852.8	845.3	837.4
22	805.0	810.4	817.3	821.3	826.4	826.8	827.9	826.1	819.9	811.6	803.7
23	792.0	801.5	811.0	817.7	824.4	825.3	826.8	826.0	824.4	819.6	812.9
24	756.6	765.1	774.1	779.9	786.4	789.2	791.5	790.8	788.8	784.3	777.4
25	764.9	779.0	792.1	801.0	810.3	813.7	818.1	819.2	820.0	817.7	813.3
26	731.4	746.9	760.8	769.9	780.0	786.1	792.1	794.5	794.6	792.8	788.6
43	913.1	923.4	933.9	941.0	948.0	949.1	950.5	947.7	945.5	939.4	932.0
44	857.4	867.2	875.0	880.0	886.3	888.1	890.6	888.7	884.5	877.7	868.5
67	745.2	761.9	776.3	787.2	798.4	801.6	808.0	809.0	810.7	807.7	802.8
68	721.5	739.0	753.2	763.2	773.6	778.8	784.5	785.7	785.4	781.7	775.7
85	980.4	985.8	990.1	991.6	993.2	988.1	982.9	972.9	964.0	951.4	938.0
86	891.1	912.6	932.7	948.2	964.7	976.2	987.7	994.5	999.7	1001.0	999.1
87	847.6	879.0	908.4	935.5	963.4	986.3	1009.1	1026.9	1048.5	1064.5	1079.1
88	770.1	791.9	814.7	835.8	859.8	881.9	904.3	923.8	946.4	966.3	985.5
89	713.2	732.8	752.3	770.9	792.8	813.0	834.6	853.1	877.4	899.7	921.9
90	719.1	732.7	748.2	766.0	787.6	806.5	826.4	843.8	867.5	887.2	907.6
91	721.7	734.4	748.1	765.7	789.2	809.2	829.9	846.2	871.5	891.5	912.9
921	1059.8	1026.5	996.0	963.4	932.9	898.1	867.2	836.8	803.0	771.5	739.6

Table LII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 133	R: 134	R: 135	R: 136	R: 137	R: 138	R: 139	R: 140	R: 141	R: 142	R: 143
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	812.9	847.8	883.0	915.5	950.8	983.7	1017.6	1048.0	1083.5	1114.5	1144.3
93	747.2	774.6	802.5	828.6	857.5	884.9	913.5	939.7	971.5	1000.1	1028.1
94	807.8	844.2	876.9	908.0	941.9	973.7	1006.6	1036.0	1070.7	1101.0	1130.0
95	759.6	780.0	801.6	821.6	844.7	866.6	888.9	908.7	932.5	953.8	974.0
125	1322.3	1319.9	1318.9	1316.8	1312.4	1304.9	1299.5	1296.2	1293.7	1292.0	1290.4
126	762.4	774.9	785.3	791.9	800.8	804.2	804.5	801.3	793.4	781.8	770.0
128	1112.9	1099.1	1088.0	1076.2	1067.8	1055.8	1047.5	1038.0	1030.3	1021.0	1013.0
132	655.3	670.6	685.9	700.8	720.2	739.9	757.5	772.9	792.8	810.9	829.3
201	1355.0	1331.2	1307.6	1279.3	1251.4	1216.0	1181.6	1144.8	1104.2	1062.3	1019.1
202	1403.8	1391.6	1379.3	1361.7	1345.2	1320.1	1296.2	1268.5	1238.4	1204.9	1169.7
203	1411.5	1412.3	1412.2	1406.2	1401.0	1387.4	1374.3	1356.4	1336.1	1311.3	1284.1
204	1369.6	1384.7	1398.2	1405.1	1412.5	1411.8	1411.8	1405.4	1398.3	1385.0	1368.7
205	1272.5	1301.0	1327.9	1348.4	1369.8	1383.8	1397.9	1405.0	1412.3	1413.0	1410.4
206	1167.0	1202.4	1236.5	1265.2	1295.2	1319.2	1343.3	1360.5	1380.2	1392.7	1402.0
207	1075.4	1112.7	1149.3	1181.3	1215.1	1244.2	1273.7	1297.2	1324.1	1344.4	1362.1
208	1011.5	1049.0	1086.1	1119.2	1154.5	1185.8	1217.8	1244.2	1274.6	1298.9	1321.2
209	1269.5	1276.1	1281.1	1281.8	1282.7	1276.4	1269.2	1256.9	1245.4	1229.3	1211.8
210	1323.7	1333.6	1341.9	1345.6	1349.0	1345.3	1341.0	1330.9	1321.6	1306.9	1290.2
211	1363.1	1376.2	1387.8	1393.5	1399.9	1398.4	1396.9	1389.1	1381.3	1367.4	1351.1
212	1342.4	1356.2	1369.2	1375.3	1382.4	1381.9	1381.9	1375.9	1368.3	1354.8	1338.0
213	1287.2	1298.1	1308.2	1311.7	1316.6	1313.7	1312.4	1305.3	1295.6	1280.8	1262.7
214	1212.4	1220.3	1227.6	1228.7	1231.1	1226.1	1222.9	1214.5	1202.7	1186.3	1166.6
215	1058.3	1025.4	994.8	963.8	934.8	901.5	870.8	840.4	808.0	776.0	743.2
216	970.8	982.3	991.9	998.4	1004.6	1003.8	1002.7	996.4	991.0	981.3	970.4
217	917.5	928.3	938.5	943.3	949.1	949.1	949.9	946.0	938.7	927.6	913.6
218	815.0	850.4	884.2	916.2	950.8	983.1	1016.7	1046.2	1081.2	1111.7	1140.9
219	816.3	825.8	835.3	842.2	848.5	848.6	850.8	847.6	844.9	838.1	829.6
220	780.4	790.7	800.2	806.5	811.7	813.6	815.9	813.4	808.9	801.0	791.0
221	729.6	746.3	759.9	770.3	780.8	786.0	793.3	795.3	798.7	797.8	794.9
222	918.2	902.0	891.4	879.1	858.9	760.7	769.0	772.4	775.4	775.2	773.1
223	695.3	713.5	726.1	736.3	745.0	753.9	760.5	763.4	767.5	766.7	763.9
224	672.4	684.5	699.4	711.1	723.5	732.3	740.5	744.5	747.4	746.7	743.8
225	991.3	967.0	945.7	924.5	906.4	885.2	867.6	850.3	833.4	816.9	801.5
226	1155.4	1121.2	1089.2	1055.3	1023.3	985.7	950.8	915.8	878.2	841.2	804.1
227	1209.5	1176.2	1144.8	1111.1	1079.1	1041.1	1005.3	969.0	930.3	891.4	852.5
228	1280.6	1249.3	1219.0	1185.6	1153.3	1113.6	1075.8	1036.2	993.2	949.0	903.8

Table LII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\beta = -2.0°$, $M_\infty = .95$, $q_\infty = 500.0$
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 133	R: 134	R: 135	R: 136	R: 137	R: 138	R: 139	R: 140	R: 141	R: 142	R: 143
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	891.7	928.4	964.6	998.8	1035.5	1069.1	1103.5	1133.4	1168.1	1197.5	1225.1
230	732.0	750.0	769.2	788.5	811.6	835.9	859.8	881.7	909.0	934.0	958.8
231	1112.0	1112.9	1112.9	1109.9	1107.2	1098.3	1088.8	1075.2	1062.9	1047.2	1030.7
232	1216.7	1220.3	1222.7	1221.2	1219.9	1211.7	1202.7	1188.9	1176.1	1159.1	1141.1
233	1146.9	1151.3	1155.5	1154.1	1153.9	1147.0	1142.1	1132.6	1119.6	1102.6	1082.9
234	1040.6	1042.8	1045.2	1042.7	1041.4	1034.2	1028.9	1019.6	1006.8	990.6	972.1
235	789.2	817.3	840.5	854.4	869.4	876.1	880.1	881.2	881.1	873.4	863.4
236	745.7	774.9	802.1	825.2	850.5	866.0	882.8	893.8	906.3	912.1	917.6
237	716.0	738.2	760.2	782.9	807.9	829.6	852.6	875.4	901.1	922.2	942.5
238	720.9	739.1	758.3	777.8	801.1	824.3	846.6	870.4	897.5	920.5	943.1
239	726.3	741.9	759.4	777.8	799.5	819.5	840.8	864.4	890.2	913.7	937.1
240	711.3	718.6	732.0	745.0	762.5	779.2	797.4	814.4	836.0	855.9	876.0
241	662.3	681.4	710.6	735.5	761.7	783.6	802.5	816.9	832.6	841.6	847.4
242	339.7	319.9	307.0	297.5	289.3	283.3	282.2	293.1	322.0	337.1	339.2
243	439.5	419.6	403.3	387.5	374.3	360.2	348.4	337.7	327.6	318.4	309.8
244	1004.9	985.6	969.4	953.1	940.1	924.6	912.9	901.0	890.6	880.5	871.6
245	984.8	962.1	942.4	922.6	905.9	886.5	870.7	855.2	840.3	826.0	813.1
246	875.9	878.7	883.6	891.1	885.3	883.3	880.4	874.0	873.1	858.2	848.1
247	812.7	827.8	840.6	849.3	861.4	862.2	862.3	857.6	852.1	841.9	829.0
248	794.7	804.5	813.6	820.1	826.5	827.0	828.3	825.5	823.0	817.2	806.6
249	762.6	772.5	783.1	790.2	797.6	801.7	805.4	805.1	803.4	800.0	787.5
250	621.5	649.8	674.0	694.0	712.2	723.7	735.5	741.8	749.0	750.7	749.6
251	540.9	548.4	556.9	568.1	580.5	589.1	596.1	602.6	611.1	615.0	617.4
252	87.6	96.7	94.9	100.6	108.5	103.2	118.6	119.1	114.5	124.3	122.1

Table LIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 155	R: 156	R: 157	R: 158	R: 159	R: 160	R: 161	R: 162	R: 163
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	807.5	839.2	872.0	904.5	937.2	970.0	1002.9	1034.6	1065.5
3	843.0	848.7	853.4	855.0	854.5	847.7	839.0	828.9	813.0
4	1011.1	1027.4	1038.4	1040.5	1045.8	1047.4	1045.7	1040.4	1031.7
5	851.0	860.7	863.2	858.4	855.4	851.3	836.7	826.5	811.4
6	1027.4	1032.1	1034.6	1038.1	1037.0	1032.6	1024.6	1012.5	1000.1
7	859.3	859.5	857.1	854.3	851.5	842.0	829.7	820.8	804.5
8	1042.6	1042.5	1040.3	1036.7	1031.6	1023.2	1012.2	999.5	984.6
9	1011.3	982.3	953.4	923.8	893.8	863.6	834.7	807.3	776.8
10	772.0	799.2	827.6	856.0	884.8	914.2	944.1	973.6	1002.7
11	858.5	853.9	847.6	842.8	832.7	817.5	802.6	790.7	772.7
12	996.4	997.9	997.5	997.4	995.0	990.2	979.7	966.3	947.7
13	833.1	838.7	837.6	835.3	829.3	818.4	802.1	789.5	771.5
14	984.5	987.3	992.2	992.3	990.8	986.4	974.8	964.3	950.2
15	822.9	824.3	822.4	821.6	818.1	811.2	801.9	792.1	776.3
16	979.3	980.8	980.3	979.0	976.1	970.1	961.3	950.0	935.9
17	1006.1	979.7	956.1	933.1	910.2	887.5	866.8	847.5	827.4
19	789.0	791.0	796.7	797.6	798.5	792.8	788.3	780.8	769.1
20	910.1	919.0	926.6	929.6	931.7	932.3	929.7	924.8	917.4
21	772.2	779.3	784.5	788.3	789.4	789.2	787.6	781.0	770.8
22	886.7	893.7	898.2	901.1	903.4	902.9	902.5	896.5	887.9
23	738.0	749.3	756.8	762.5	766.2	769.4	767.6	763.9	758.8
24	836.9	844.8	850.8	855.2	858.4	859.2	859.0	855.9	849.4
25	723.9	736.6	748.8	758.1	764.9	769.8	773.2	773.3	772.0
26	812.3	824.1	832.5	839.5	845.0	848.3	850.5	849.0	844.8
43	840.6	841.7	844.8	846.8	843.7	839.1	833.1	826.4	815.7
44	954.1	971.7	982.3	990.5	999.2	1004.6	1007.5	1006.6	1002.1
67	715.2	729.0	741.0	747.7	754.3	758.0	758.4	757.0	752.0
68	794.8	808.6	819.9	829.5	836.4	843.1	846.3	846.7	843.5
85	859.4	853.2	862.0	864.8	861.1	845.9	845.0	834.2	818.4
86	1001.5	1026.6	1048.6	1068.6	1086.7	1101.6	1113.3	1121.2	1125.7
87	817.4	840.6	863.2	882.1	900.3	916.8	931.4	944.9	955.9
88	820.8	855.2	873.0	871.4	881.8	902.1	926.3	950.5	974.9
89	730.4	745.8	761.4	778.0	795.4	813.3	832.1	851.6	871.2
90	716.8	739.0	761.8	784.6	807.8	831.7	856.3	881.2	906.8
91	726.3	744.0	763.0	782.6	803.0	824.1	845.7	868.4	891.9
921	1016.5	983.9	952.5	920.0	886.6	852.7	819.9	788.7	753.0

Table LIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 155	R: 156	R: 157	R: 158	R: 159	R: 160	R: 161	R: 162	R: 163
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	838.7	873.2	908.0	942.1	976.3	1010.4	1044.2	1076.5	1107.2
93	766.3	793.2	821.0	848.7	877.1	906.1	935.4	964.7	993.3
94	838.2	871.7	905.8	939.5	973.4	1007.3	1041.1	1073.4	1104.4
95	805.1	839.4	857.2	855.9	866.4	886.9	911.1	935.5	959.7
125	740.6	752.7	763.1	771.3	777.0	779.0	778.5	774.7	765.8
126	874.7	880.2	883.7	885.2	884.5	879.4	871.3	859.9	844.3
128	1088.4	1076.9	1066.1	1055.5	1045.4	1035.3	1025.9	1017.3	1007.8
132	668.1	684.3	701.0	718.6	736.5	753.5	770.4	787.6	805.2
201	1318.1	1293.9	1266.2	1235.3	1200.9	1163.6	1125.2	1085.9	1042.7
202	1376.6	1363.3	1346.9	1327.2	1303.5	1276.7	1248.1	1217.9	1184.8
203	1397.2	1396.2	1392.0	1383.7	1372.0	1356.6	1338.2	1317.2	1292.5
204	1367.8	1380.3	1389.6	1394.8	1396.2	1394.3	1388.3	1379.1	1365.8
205	1285.1	1310.5	1333.4	1352.6	1368.8	1381.4	1389.9	1394.6	1395.0
206	1187.1	1220.4	1251.5	1279.8	1306.0	1329.1	1348.9	1364.8	1376.9
207	1099.5	1135.2	1169.6	1201.7	1232.6	1261.6	1287.9	1311.0	1330.8
208	1036.2	1072.5	1108.0	1141.9	1175.0	1206.6	1236.1	1262.9	1286.9
209	1150.6	1154.2	1155.8	1153.9	1149.0	1141.4	1130.7	1117.7	1100.6
210	1230.6	1238.0	1242.4	1243.2	1240.9	1236.1	1227.4	1216.2	1201.1
211	1312.5	1322.9	1330.4	1333.8	1334.1	1331.1	1324.1	1314.0	1299.8
212	1388.1	1399.7	1408.1	1412.5	1413.9	1411.3	1405.2	1395.8	1382.4
213	1372.1	1381.6	1387.8	1390.9	1390.6	1385.9	1377.8	1366.9	1352.4
214	1327.4	1334.3	1337.9	1338.6	1336.1	1329.2	1318.9	1305.9	1289.7
215	1008.1	977.2	946.8	915.7	883.5	851.2	819.7	789.2	754.1
216	861.1	869.2	875.5	877.5	875.0	872.1	864.2	855.0	840.7
217	1044.5	1056.8	1065.1	1071.9	1076.3	1076.8	1074.0	1068.0	1058.8
218	832.0	864.4	897.7	930.6	963.3	996.0	1028.6	1059.8	1089.8
219	759.7	768.7	774.5	777.5	779.0	777.6	774.1	767.8	757.6
220	861.7	872.3	880.9	887.8	892.2	894.9	895.0	891.4	883.7
221	695.6	711.6	724.5	734.1	742.1	747.1	750.4	751.9	750.3
222	776.9	788.7	799.0	807.9	816.0	824.3	827.6	829.5	828.2
223	672.7	684.6	693.0	702.3	709.2	713.1	714.9	714.9	711.7
224	737.1	751.9	765.0	776.6	787.8	796.1	802.7	806.4	806.8
225	960.6	938.9	917.8	896.9	876.3	856.4	837.9	821.2	803.3
226	1119.4	1086.9	1052.9	1017.3	979.9	941.5	904.1	868.2	830.3
227	1168.8	1136.4	1102.3	1066.5	1028.8	990.4	952.9	916.2	877.0
228	1241.2	1210.8	1177.5	1141.9	1103.1	1062.1	1020.8	979.1	935.2

Table LIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 155 Pi	2.0° R: 156 Pi	4.0° R: 157 Pi	6.0° R: 158 Pi	8.0° R: 159 Pi	10.0° R: 160 Pi	12.0° R: 161 Pi	14.0° R: 162 Pi	16.0° R: 163 Pi
229	916.6	952.9	989.1	1024.5	1059.6	1094.0	1127.3	1158.6	1187.9
230	744.9	764.1	785.2	807.2	829.9	853.4	877.8	902.7	928.4
231	970.7	970.4	969.6	965.0	958.0	948.8	937.1	924.2	906.7
232	1089.4	1090.6	1090.2	1086.1	1079.5	1070.4	1058.0	1043.8	1025.5
233	1271.5	1275.2	1276.0	1274.3	1269.8	1261.1	1249.5	1235.5	1219.0
234	1176.1	1177.7	1176.4	1173.2	1167.9	1158.6	1146.6	1132.5	1115.9
235	775.1	785.6	793.9	797.6	797.2	792.4	783.1	770.3	751.8
236	760.6	775.7	788.8	798.4	805.4	808.8	809.6	808.2	803.8
237	739.6	755.0	770.2	788.3	807.2	823.6	840.3	857.2	873.3
238	738.3	754.7	773.5	791.3	809.8	828.9	848.7	869.2	890.0
239	739.0	755.4	773.8	793.1	813.5	834.8	857.3	880.5	904.3
240	713.8	729.9	742.8	757.3	773.3	790.2	808.1	826.7	846.1
241	706.2	723.0	736.0	746.9	755.5	760.8	762.7	762.0	757.4
242	410.2	391.6	372.8	355.1	340.2	327.0	315.0	304.8	295.9
243	416.9	398.9	382.3	366.4	351.0	336.8	324.5	314.2	302.2
244	979.0	961.5	945.0	929.1	913.9	899.9	887.6	877.1	866.4
245	955.9	935.2	915.3	895.8	876.8	858.6	841.9	827.2	811.6
246	792.9	800.4	797.0	799.5	797.9	796.5	788.5	782.2	773.2
247	768.5	776.6	783.4	786.4	784.9	780.3	771.4	759.7	741.7
248	729.1	742.7	754.4	763.0	769.9	773.8	775.4	775.1	771.2
249	850.7	858.2	862.8	866.0	867.8	866.8	863.8	857.9	849.6
250	512.4	549.2	584.4	614.1	639.0	659.2	675.3	688.5	697.7
251	477.5	489.0	503.8	517.8	527.3	537.9	545.4	552.1	557.0
252	95.9	93.7	101.5	108.1	104.3	119.7	113.8	115.5	124.9

Table LIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 171	R: 172	R: 173	R: 174	R: 175	R: 176	R: 177	R: 178	R: 179	R: 180	R: 181	R: 182	R: 183
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	912.2	914.8	915.2	915.4	915.3	915.5	916.2	915.6	915.6	914.6	913.0	911.2	903.8
3	1035.3	1006.9	990.8	974.9	958.8	951.8	944.9	937.8	931.1	917.7	904.4	890.4	858.9
4	863.5	891.5	906.5	922.1	937.0	944.3	952.2	959.5	966.3	981.0	995.6	1010.1	1039.5
5	1037.3	1009.0	992.8	977.0	961.0	954.0	947.0	940.0	933.4	920.3	907.3	893.6	862.7
6	857.3	884.8	899.6	915.0	929.9	937.0	944.9	952.4	959.9	976.8	992.7	1007.3	1037.2
7	1031.2	1003.0	987.2	971.5	955.7	949.0	942.0	934.6	927.8	914.7	901.9	888.3	858.4
8	863.1	889.5	904.0	919.2	933.7	940.7	948.0	955.2	962.0	976.6	991.3	1005.8	1035.7
9	923.4	929.7	932.0	932.9	932.5	932.7	933.3	934.1	933.8	933.6	933.3	931.8	925.9
10	862.4	865.2	865.6	865.8	865.0	865.0	865.8	865.4	865.6	865.1	863.8	862.1	855.3
11	993.2	968.2	953.8	939.7	925.9	919.8	913.5	907.3	901.6	890.2	878.8	867.3	845.4
12	840.7	863.4	876.2	889.6	902.7	909.0	915.9	922.5	928.5	941.7	955.2	968.7	996.7
13	990.1	966.4	951.4	937.0	922.6	916.4	910.2	904.1	898.4	887.1	876.2	864.8	839.4
14	837.1	860.4	873.1	886.5	899.4	905.6	912.4	918.8	924.6	937.4	950.8	964.0	991.7
15	972.6	948.1	934.3	920.6	907.1	901.1	895.0	888.6	882.8	871.7	860.9	849.7	825.0
16	823.2	846.2	858.8	872.1	885.0	891.2	898.0	904.4	910.4	923.5	937.0	950.4	978.3
17	928.9	938.3	943.0	944.0	944.0	944.2	944.7	945.8	945.7	946.5	946.0	944.1	934.7
19	924.3	902.1	889.9	878.2	866.4	861.5	856.6	851.6	847.0	838.1	829.1	820.0	800.2
20	806.2	823.2	832.4	842.4	852.3	857.3	863.1	868.3	873.1	883.6	894.8	906.0	929.0
21	900.6	881.0	870.1	859.5	849.0	844.6	840.4	836.0	832.0	824.0	816.2	808.3	790.5
22	795.2	809.3	817.1	825.6	833.9	838.2	843.2	847.6	851.6	860.7	870.3	880.2	900.9
23	860.4	842.1	832.4	823.2	813.8	810.0	806.3	802.4	798.9	792.0	785.3	778.5	763.9
24	759.3	772.0	778.9	786.3	793.4	797.2	801.8	805.8	809.5	817.8	826.6	835.6	854.6
25	842.9	826.4	817.7	809.6	801.4	798.0	794.9	791.5	788.5	782.7	777.0	771.2	758.9
26	759.1	768.8	774.0	779.8	785.6	788.8	792.8	796.2	799.4	806.6	814.2	822.1	839.0
43	1000.0	974.9	960.9	947.1	933.0	926.9	921.0	914.8	909.1	897.7	886.4	875.4	850.3
44	833.8	859.0	872.4	886.2	899.3	905.7	912.9	919.5	925.6	938.5	951.5	964.4	989.8
67	829.0	813.5	805.3	797.6	789.6	786.5	783.7	780.5	777.8	772.2	766.7	761.1	749.0
68	753.1	762.5	767.9	773.7	778.9	781.7	785.6	788.8	791.8	798.6	805.8	813.2	829.0
85	1056.4	1025.5	1008.4	991.8	975.0	967.6	960.1	952.5	945.4	931.1	916.9	902.0	869.0
86	908.4	936.2	950.3	964.7	978.3	985.2	992.9	999.4	1005.6	1018.6	1031.5	1043.8	1067.5
87	996.2	981.4	972.3	962.9	952.7	948.5	944.8	940.1	936.4	927.9	919.1	908.7	883.6
88	840.0	850.4	855.0	860.2	867.0	871.3	876.0	876.0	876.6	877.9	878.8	877.0	871.9
89	790.5	792.8	792.9	792.8	791.5	791.3	791.7	791.0	790.8	789.8	788.3	785.8	778.3
90	779.8	784.8	786.3	787.9	788.3	788.8	789.6	789.4	789.9	790.2	789.9	789.0	784.3
91	785.6	789.2	788.9	789.6	789.2	789.3	789.9	789.6	789.6	789.2	788.4	786.5	782.5
921	918.2	926.1	927.6	927.1	928.8	930.1	929.1	929.3	929.6	929.6	928.7	927.2	921.6

Table LIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 171	R: 172	R: 173	R: 174	R: 175	R: 176	R: 177	R: 178	R: 179	R: 180	R: 181	R: 182	R: 183
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	947.0	950.3	950.5	950.5	949.8	949.9	951.0	950.7	951.1	951.0	949.6	947.8	940.6
93	854.1	857.1	857.4	857.4	856.5	856.7	857.5	857.1	857.4	857.1	856.0	854.3	847.7
94	935.3	939.6	940.5	942.0	942.1	942.7	944.0	944.0	944.8	945.3	944.7	943.6	938.4
95	829.8	838.5	841.8	845.1	851.2	855.5	860.3	860.3	860.8	862.0	863.0	861.2	856.3
125	885.6	866.4	855.6	845.2	834.7	830.3	825.9	821.2	816.9	808.6	800.5	792.2	773.3
126	776.0	790.2	798.7	807.8	816.8	821.4	826.5	830.9	835.2	844.5	853.9	863.7	884.7
128	1063.6	1065.5	1065.8	1066.9	1065.2	1065.4	1066.2	1066.4	1066.0	1066.2	1063.6	1061.2	1056.6
132	722.9	721.5	721.3	720.0	717.3	717.0	717.1	716.8	717.1	718.4	718.7	718.3	717.9
201	1239.6	1246.5	1248.6	1249.6	1249.3	1249.1	1249.9	1250.4	1249.8	1248.8	1248.1	1246.3	1238.9
202	1333.2	1340.1	1342.1	1343.5	1343.1	1343.0	1343.8	1344.0	1343.6	1342.4	1341.4	1339.2	1330.4
203	1389.7	1396.8	1398.6	1399.9	1399.3	1399.6	1400.3	1400.5	1400.2	1399.3	1398.1	1395.7	1386.5
204	1403.3	1409.4	1410.5	1411.4	1410.7	1410.8	1411.8	1411.6	1411.5	1410.7	1409.2	1406.6	1396.4
205	1360.8	1366.9	1368.0	1368.9	1368.3	1368.5	1369.5	1369.3	1369.2	1368.6	1366.7	1364.0	1353.4
206	1288.8	1293.7	1294.2	1294.9	1293.8	1294.1	1295.0	1294.7	1294.9	1294.3	1292.5	1289.8	1279.5
207	1210.1	1214.4	1214.7	1215.0	1214.0	1214.4	1215.4	1215.1	1215.4	1215.0	1213.1	1210.5	1200.8
208	1150.2	1153.9	1154.1	1154.3	1153.2	1153.5	1154.4	1154.0	1154.3	1154.0	1152.2	1149.8	1140.7
209	1333.1	1309.6	1295.3	1281.0	1265.8	1259.2	1252.8	1245.7	1238.9	1225.0	1210.6	1194.9	1158.7
210	1385.2	1369.0	1358.4	1347.7	1335.8	1330.6	1325.9	1320.6	1315.0	1303.8	1291.8	1278.5	1247.0
211	1414.4	1408.8	1403.6	1398.4	1391.7	1389.1	1387.1	1383.8	1380.9	1374.6	1367.5	1358.9	1336.8
212	1349.5	1367.0	1374.1	1381.5	1387.0	1389.9	1393.8	1396.6	1399.1	1403.9	1408.2	1411.1	1413.3
213	1262.9	1290.2	1302.8	1315.8	1326.7	1332.0	1338.3	1343.8	1348.9	1358.8	1368.2	1376.7	1390.4
214	1163.5	1196.8	1213.5	1230.3	1245.2	1252.3	1260.2	1267.6	1274.5	1288.3	1301.8	1314.5	1337.7
215	927.7	932.4	933.1	933.1	931.5	931.3	931.3	931.5	930.3	929.2	928.5	926.3	918.0
216	1066.0	1036.4	1019.8	1003.5	986.9	979.6	972.4	964.9	957.9	943.9	929.7	914.7	881.6
217	887.3	917.4	933.1	949.2	964.8	972.2	980.4	988.1	995.2	1010.4	1025.7	1040.8	1070.7
218	952.1	952.8	951.8	950.6	948.3	947.9	948.2	947.2	947.0	945.5	942.6	939.5	929.8
219	868.7	868.9	858.2	847.8	837.4	833.0	828.8	824.4	820.4	812.3	804.5	796.6	779.4
220	780.9	795.0	803.0	811.3	819.2	823.8	829.0	833.3	837.2	846.2	855.7	865.7	887.1
221	811.1	796.1	788.0	780.6	772.9	769.9	767.1	763.9	761.3	756.1	751.1	746.1	735.0
222	733.0	741.6	746.6	752.1	757.5	760.4	764.2	767.3	770.2	776.7	783.6	791.0	807.5
223	777.3	762.6	753.2	744.9	737.7	735.0	732.8	730.0	727.7	723.0	718.3	713.6	703.2
224	704.5	713.1	717.8	723.0	728.0	730.8	734.5	737.4	740.2	745.7	751.8	759.7	776.1
225	895.4	901.7	903.9	905.0	904.8	905.3	906.4	907.3	907.2	907.1	906.5	905.0	898.3
226	1008.1	1016.7	1019.8	1021.4	1021.7	1022.2	1023.2	1024.6	1024.3	1024.0	1023.9	1023.2	1019.8
227	1066.6	1073.4	1075.8	1077.2	1077.1	1077.2	1078.1	1079.2	1078.7	1078.3	1078.5	1077.4	1069.6
228	1140.0	1147.0	1149.6	1151.3	1151.2	1151.3	1152.2	1153.1	1152.6	1151.9	1151.9	1150.9	1145.6

Table LIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 171	R: 172	R: 173	R: 174	R: 175	R: 176	R: 177	R: 178	R: 179	R: 180	R: 181	R: 182	R: 183
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1032.6	1035.6	1035.5	1035.6	1034.3	1034.5	1035.6	1035.1	1035.5	1035.1	1033.5	1031.4	1023.2
230	810.9	814.0	813.5	813.0	811.9	812.0	812.7	812.6	812.9	812.9	812.2	812.0	807.2
231	1171.4	1140.6	1122.9	1105.3	1087.6	1079.9	1071.9	1063.8	1056.1	1040.3	1024.6	1007.8	970.3
232	1276.8	1249.8	1234.0	1218.3	1202.2	1195.1	1188.0	1180.5	1173.2	1158.5	1143.7	1127.5	1091.1
233	1085.4	1119.0	1136.3	1153.8	1169.8	1177.4	1185.7	1193.7	1201.0	1216.1	1230.9	1245.7	1273.1
234	970.6	1004.2	1022.4	1040.8	1058.1	1066.0	1074.7	1083.2	1091.0	1107.5	1123.9	1139.9	1171.6
235	902.5	886.6	877.6	868.6	858.9	854.8	851.2	847.1	843.2	835.1	827.0	818.7	799.8
236	866.3	860.1	855.6	850.3	844.1	841.8	840.2	837.4	833.9	827.6	821.7	815.3	799.4
237	808.2	809.4	809.0	807.8	806.2	806.1	806.4	805.6	805.1	803.2	800.6	797.2	787.4
238	799.4	802.1	802.8	802.9	801.5	801.2	801.4	800.6	800.3	798.6	799.8	798.4	790.7
239	794.6	798.8	802.0	800.7	799.2	799.3	800.1	799.9	800.1	799.8	798.7	797.5	793.3
240	758.5	761.4	762.2	762.5	761.9	762.0	762.6	762.5	762.7	762.7	762.3	761.6	757.4
241	760.1	762.1	761.9	761.5	760.1	759.9	760.2	759.5	759.2	758.0	756.3	754.1	747.2
242	345.9	330.9	314.1	291.0	266.9	258.5	255.0	257.5	264.6	287.3	310.3	328.1	352.1
243	363.2	368.5	370.7	372.2	371.7	372.0	372.4	372.6	372.6	373.5	372.9	370.8	365.6
244	928.8	935.3	937.6	938.9	938.8	939.2	939.9	940.6	940.6	940.5	939.9	937.6	930.4
245	893.8	900.8	903.3	904.6	904.5	905.0	905.8	906.7	906.6	906.5	905.6	903.7	897.1
246	932.4	908.6	896.0	884.2	872.0	866.8	861.6	856.5	851.7	842.4	833.0	823.1	802.0
247	898.7	881.5	871.2	860.9	850.1	845.6	841.3	836.7	832.5	824.0	815.9	807.6	788.8
248	863.0	844.8	835.2	826.0	816.5	812.5	808.8	804.6	801.0	793.8	786.7	779.6	764.1
249	771.9	784.5	791.1	798.4	805.5	809.3	813.8	817.6	821.3	829.5	838.2	847.0	865.4
250	764.4	737.0	723.3	711.3	698.9	693.4	687.9	681.4	675.8	664.6	653.5	642.0	615.9
251	623.6	607.7	591.7	579.9	569.5	565.0	560.6	556.1	552.5	545.5	538.9	532.5	518.5
252	104.0	107.5	107.6	107.9	106.7	106.9	108.0	107.9	108.4	108.3	106.8	104.6	106.8

Table LV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 531	R: 528	R: 529	R: 530
	Pi	Pi	Pi	Pi
2	979.6	981.6	980.0	972.5
3	974.1	945.7	913.5	848.4
4	924.1	952.2	982.5	1047.4
5	965.6	938.2	907.6	851.2
6	910.0	936.4	965.4	1029.7
7	954.2	927.9	898.4	840.8
8	909.2	933.9	961.4	1022.8
9	876.5	876.4	871.1	859.6
10	923.3	925.1	923.5	916.4
11	927.0	900.4	871.1	817.3
12	876.4	900.9	928.2	989.7
13	922.9	896.4	869.8	817.1
14	872.7	896.4	923.0	982.8
15	914.9	891.5	864.5	812.2
16	865.4	887.7	912.8	970.0
17	900.8	900.8	897.7	885.5
19	874.3	854.1	832.6	793.5
20	844.5	863.5	884.7	933.2
21	859.5	842.2	823.9	790.1
22	827.6	843.4	860.7	902.6
23	827.8	814.1	798.1	771.4
24	776.1	789.8	807.0	848.4
25	818.7	807.0	793.3	770.9
26	792.5	804.1	816.2	848.5
43	951.0	925.8	897.1	840.0
44	890.6	917.0	945.2	1004.8
67	808.0	795.4	781.6	758.8
68	785.2	797.3	810.1	843.5
85	983.2	954.5	920.7	847.5
86	988.2	1016.3	1044.8	1102.4
87	1009.6	991.5	969.5	918.8
88	904.7	906.7	907.2	904.0
89	835.2	833.9	828.0	814.8
90	826.7	831.0	834.4	833.2
91	829.1	830.4	829.5	825.2
921	866.3	864.7	859.5	849.7

Table LV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 531	R: 528	R: 529	R: 530
	Pi	Pi	Pi	Pi
922	1018.0	1020.7	1019.2	1012.1
93	914.2	916.2	914.5	907.7
94	1007.2	1011.5	1012.2	1009.5
95	889.4	891.5	892.1	888.8
125	843.0	828.0	811.4	780.2
126	812.9	826.8	841.5	878.4
128	1048.2	1047.2	1043.9	1036.5
132	757.7	757.4	757.2	754.8
201	1181.6	1181.1	1173.2	1163.2
202	1296.5	1297.0	1288.9	1277.3
203	1374.8	1375.9	1369.0	1357.6
204	1412.5	1413.9	1407.7	1395.4
205	1398.6	1400.7	1395.7	1383.1
206	1343.8	1346.4	1342.3	1331.0
207	1274.1	1277.0	1273.7	1263.3
208	1218.4	1221.0	1218.5	1208.8
209	1269.2	1244.5	1210.2	1142.3
210	1339.6	1320.7	1291.4	1233.3
211	1396.9	1387.5	1368.6	1330.9
212	1382.2	1394.2	1399.8	1412.3
213	1312.4	1333.3	1350.5	1386.5
214	1222.8	1249.8	1275.6	1329.5
215	870.3	868.2	860.7	849.7
216	1003.2	974.3	940.5	873.0
217	950.3	979.1	1010.3	1076.8
218	1017.1	1016.4	1012.1	998.4
219	851.5	833.8	814.0	778.6
220	815.7	832.7	851.0	894.9
221	793.7	782.2	769.6	748.1
222	768.9	780.3	792.4	824.5
223	761.3	749.6	736.9	713.9
224	740.5	752.2	764.5	796.6
225	867.4	867.8	864.6	855.7
226	950.4	951.2	945.9	940.4
227	1005.1	1005.2	999.1	990.3
228	1075.7	1075.8	1068.8	1062.1

Table LV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 531	R: 528	R: 529	R: 530
	Pi	Pi	Pi	Pi
229	1104.4	1106.9	1104.9	1096.4
230	860.2	860.7	860.3	855.7
231	1088.8	1059.2	1022.5	949.7
232	1203.0	1176.3	1140.7	1071.2
233	1142.8	1171.1	1199.9	1261.5
234	1028.9	1058.6	1090.2	1158.3
235	880.3	861.5	839.6	793.2
236	883.3	868.4	850.8	809.4
237	853.9	849.8	841.5	825.5
238	845.8	848.8	846.0	831.0
239	844.9	844.5	843.4	837.2
240	798.2	798.8	797.9	792.1
241	803.1	797.0	787.3	761.9
242	285.6	271.4	291.4	325.6
243	346.5	347.2	345.1	334.0
244	912.7	913.9	910.1	899.9
245	870.9	871.6	868.0	858.5
246	879.5	859.5	836.8	797.2
247	862.6	843.1	821.1	780.7
248	829.0	815.9	800.6	775.0
249	807.2	819.8	833.1	867.5
250	735.2	719.7	700.8	660.9
251	596.3	580.5	565.0	538.7
252	118.4	111.3	119.6	111.6

Table LVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 685.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 907	R: 908	R: 909	R: 910	R: 911	R: 912	R: 913	R: 914	R: 915	R: 916	R: 917	R: 918
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	1062.4	1082.3	1126.1	1171.2	1216.6	1260.4	1303.4	1347.9	1392.6	1439.3	1480.4	1520.4
3	1241.6	1250.5	1270.1	1284.5	1291.1	1295.6	1297.0	1295.3	1291.1	1279.5	1265.5	1247.5
4	1237.6	1249.6	1278.6	1297.1	1309.1	1305.6	1307.2	1304.8	1301.1	1287.8	1274.1	1260.6
5	1275.2	1279.9	1288.3	1303.2	1306.1	1307.9	1304.1	1287.4	1279.1	1264.5	1248.7	1229.9
6	1264.3	1271.4	1282.6	1296.9	1301.9	1301.1	1297.3	1285.7	1278.7	1258.7	1241.4	1225.3
7	1292.9	1294.9	1297.5	1298.6	1293.1	1288.3	1280.3	1271.8	1259.8	1239.7	1221.5	1198.7
8	1292.5	1297.0	1302.7	1306.6	1311.0	1305.3	1292.8	1279.3	1267.3	1249.5	1231.7	1218.6
9	1452.1	1435.6	1398.8	1361.3	1321.8	1280.6	1241.4	1201.1	1164.8	1122.4	1085.4	1048.9
10	1019.2	1036.0	1072.7	1111.4	1150.4	1188.5	1226.7	1266.7	1307.7	1351.3	1390.9	1430.0
11	1193.5	1201.2	1219.2	1229.6	1237.2	1235.0	1234.8	1231.5	1226.0	1220.2	1211.5	1194.3
12	1191.3	1200.0	1211.6	1226.0	1234.1	1237.7	1237.7	1231.8	1226.1	1215.7	1201.4	1185.2
13	1203.9	1208.5	1218.9	1236.2	1241.5	1243.9	1244.6	1232.1	1226.3	1219.9	1216.9	1200.6
14	1199.9	1207.4	1219.5	1236.2	1242.5	1244.5	1243.0	1236.7	1226.8	1217.9	1210.2	1195.7
15	1218.7	1222.6	1229.5	1235.2	1231.8	1230.8	1226.8	1221.1	1213.2	1199.7	1185.8	1168.2
16	1203.5	1209.9	1219.7	1227.4	1230.4	1229.2	1224.8	1216.6	1208.6	1195.1	1180.3	1164.5
17	1437.8	1424.2	1393.5	1363.5	1331.4	1298.2	1267.0	1235.5	1208.1	1176.6	1150.1	1126.1
19	1115.2	1126.2	1148.4	1165.0	1173.8	1175.3	1174.1	1170.0	1167.9	1159.0	1148.3	1135.5
20	1112.2	1124.6	1148.5	1171.7	1180.5	1184.1	1184.5	1181.5	1177.8	1168.3	1157.9	1146.2
21	1118.2	1123.4	1132.8	1143.5	1150.7	1155.0	1157.2	1156.2	1154.5	1146.9	1138.6	1127.4
22	1119.2	1126.1	1135.6	1146.9	1153.9	1157.7	1159.0	1157.1	1154.5	1145.5	1136.8	1125.2
23	1052.6	1060.7	1075.8	1091.2	1101.7	1108.5	1114.1	1115.7	1116.4	1111.6	1105.4	1096.6
24	1042.3	1050.8	1064.3	1075.6	1086.0	1093.3	1095.7	1095.3	1094.4	1089.4	1082.1	1073.4
25	1014.2	1025.6	1047.5	1066.8	1082.1	1093.1	1100.8	1106.8	1111.6	1110.9	1108.2	1103.6
26	1009.6	1020.8	1043.3	1062.8	1077.7	1088.2	1095.7	1101.3	1105.6	1104.9	1101.5	1096.5
43	1179.9	1189.5	1213.6	1234.1	1243.4	1252.9	1259.0	1266.9	1268.6	1253.5	1242.5	1228.3
44	1161.9	1177.7	1202.4	1224.2	1237.1	1251.2	1256.7	1252.7	1250.3	1241.5	1230.1	1218.6
67	984.6	999.5	1023.5	1045.5	1062.6	1074.7	1083.9	1089.9	1094.4	1093.4	1090.0	1083.6
68	991.3	1003.5	1028.1	1049.0	1065.4	1076.9	1085.5	1090.8	1094.5	1093.0	1088.3	1081.7
85	1287.5	1293.0	1302.8	1308.4	1310.1	1313.3	1309.8	1303.8	1295.8	1279.7	1262.8	1243.1
86	1234.1	1251.0	1284.0	1315.9	1338.2	1360.1	1377.1	1389.9	1400.8	1406.6	1408.2	1410.7
87	1123.0	1144.1	1184.0	1223.5	1263.8	1298.4	1328.8	1356.6	1385.4	1412.5	1434.9	1454.2
88	1041.5	1060.7	1103.0	1146.1	1172.6	1172.0	1187.3	1215.1	1247.2	1281.7	1314.6	1347.3
89	957.3	976.9	1004.1	1030.9	1057.7	1084.3	1111.6	1140.5	1171.4	1202.9	1234.4	1264.4
90	959.1	974.7	1000.8	1027.4	1054.2	1080.9	1108.3	1137.2	1168.3	1199.9	1230.9	1260.9
91	966.4	983.5	1007.2	1031.7	1057.0	1082.7	1109.6	1138.4	1169.2	1202.5	1234.6	1266.4
921	1464.5	1446.6	1406.3	1365.2	1321.6	1276.2	1233.2	1187.7	1145.9	1097.4	1054.6	1011.3

Table LVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 685.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 907	R: 908	R: 909	R: 910	R: 911	R: 912	R: 913	R: 914	R: 915	R: 916	R: 917	R: 918
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	1088.9	1112.1	1159.6	1208.4	1257.1	1303.9	1349.4	1396.2	1442.9	1491.0	1533.1	1574.7
93	1008.9	1026.1	1062.3	1100.4	1139.1	1176.7	1214.4	1253.7	1294.6	1337.7	1377.4	1416.2
94	1089.9	1110.9	1155.7	1202.0	1248.2	1293.0	1336.9	1382.2	1427.6	1474.7	1516.5	1557.6
95	1028.0	1045.7	1087.8	1130.9	1157.3	1156.7	1172.0	1200.2	1232.2	1266.9	1300.0	1333.0
125	1081.4	1088.9	1104.4	1117.7	1127.4	1133.0	1135.3	1133.8	1128.5	1116.1	1101.4	1082.9
126	1075.6	1084.7	1101.8	1116.3	1126.2	1131.0	1132.8	1130.9	1125.4	1113.2	1098.7	1081.5
128	1531.6	1525.0	1510.1	1495.8	1480.5	1464.0	1449.1	1434.9	1424.3	1410.1	1398.0	1389.8
132	883.3	891.7	912.5	935.7	958.0	981.3	1009.7	1035.0	1060.6	1087.7	1113.6	1139.4
201	1867.8	1857.4	1830.1	1798.7	1760.9	1716.5	1669.9	1619.4	1569.9	1508.2	1448.6	1391.0
202	1927.9	1924.5	1912.5	1896.8	1874.4	1845.2	1813.1	1777.3	1741.7	1694.4	1647.1	1603.0
203	1930.3	1934.8	1938.8	1940.2	1934.6	1922.2	1905.1	1884.8	1863.0	1830.2	1795.0	1761.7
204	1863.0	1876.2	1898.7	1918.5	1931.7	1937.3	1937.5	1935.4	1931.2	1916.6	1897.0	1878.8
205	1723.6	1744.3	1783.5	1820.8	1853.2	1878.6	1898.7	1916.7	1931.4	1937.7	1937.2	1937.6
206	1573.8	1598.3	1646.3	1693.4	1736.8	1775.0	1808.3	1840.7	1870.0	1894.1	1910.8	1926.5
207	1445.9	1471.2	1521.6	1572.4	1621.0	1665.1	1705.5	1745.9	1783.8	1818.8	1846.3	1873.1
208	1360.5	1385.6	1436.7	1488.6	1538.7	1585.5	1629.1	1673.1	1715.6	1756.1	1789.6	1822.4
209	1695.1	1701.7	1712.0	1720.0	1722.8	1720.0	1713.7	1705.3	1695.1	1674.9	1652.2	1628.3
210	1773.5	1782.3	1796.9	1809.3	1816.3	1816.7	1813.7	1808.4	1800.8	1783.0	1761.8	1740.3
211	1837.8	1849.5	1869.2	1886.5	1897.9	1902.2	1902.0	1899.1	1893.6	1877.5	1856.8	1836.9
212	1842.0	1854.8	1875.8	1894.5	1906.9	1911.7	1911.7	1908.1	1902.7	1887.6	1867.6	1849.8
213	1779.6	1790.7	1808.1	1823.2	1832.5	1834.0	1830.7	1823.5	1815.3	1797.8	1776.4	1757.8
214	1687.9	1697.3	1711.5	1723.2	1728.9	1726.9	1720.4	1709.6	1698.0	1678.0	1654.9	1634.2
215	1462.2	1444.7	1405.7	1366.0	1324.6	1280.7	1238.3	1193.6	1152.9	1105.1	1062.6	1019.4
216	1278.6	1287.8	1306.2	1320.4	1329.1	1333.9	1335.7	1334.5	1331.2	1320.3	1307.0	1289.9
217	1280.2	1291.1	1311.2	1327.4	1338.7	1343.4	1343.9	1339.5	1334.3	1322.2	1307.5	1293.5
218	1092.8	1113.8	1159.5	1206.6	1253.5	1298.7	1343.2	1388.9	1434.6	1481.8	1523.7	1564.7
219	1085.5	1092.9	1107.4	1121.7	1132.1	1137.8	1141.3	1141.6	1140.3	1133.4	1125.4	1113.4
220	1079.2	1088.2	1104.0	1119.2	1130.3	1136.3	1139.9	1138.8	1137.3	1129.2	1119.4	1107.7
221	966.5	977.6	1002.8	1023.8	1040.6	1053.2	1063.6	1071.5	1078.1	1080.0	1079.6	1076.8
222	964.0	973.2	999.3	1019.1	1036.0	1048.7	1059.8	1068.3	1075.4	1078.0	1077.6	1075.6
223	921.0	933.5	959.7	979.5	995.0	1007.2	1017.7	1025.9	1032.8	1034.9	1034.3	1030.7
224	911.9	928.2	951.4	973.4	992.2	1007.1	1019.8	1029.8	1037.7	1041.0	1040.6	1038.1
225	1371.7	1358.8	1330.6	1302.8	1274.0	1244.5	1217.7	1190.7	1167.6	1141.2	1119.8	1100.0
226	1602.5	1584.5	1543.9	1501.0	1454.4	1404.3	1355.1	1303.0	1254.5	1197.0	1144.7	1094.2
227	1674.8	1657.8	1618.3	1576.2	1529.6	1478.5	1427.1	1373.9	1323.8	1263.8	1208.6	1155.7
228	1771.5	1756.2	1719.7	1679.7	1633.8	1582.9	1531.2	1475.6	1422.1	1356.8	1295.0	1236.0

Table LVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 685.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 907	R: 908	R: 909	R: 910	R: 911	R: 912	R: 913	R: 914	R: 915	R: 916	R: 917	R: 918
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1195.1	1219.0	1269.0	1320.3	1371.0	1419.2	1465.4	1512.6	1558.8	1605.7	1645.8	1685.2
230	987.5	998.9	1025.1	1053.6	1083.1	1112.5	1143.2	1175.6	1209.8	1246.8	1281.8	1316.9
231	1474.4	1477.0	1480.5	1481.9	1480.4	1474.2	1463.4	1452.3	1440.0	1419.3	1397.6	1374.0
232	1621.9	1626.4	1633.1	1637.5	1637.0	1631.9	1622.6	1611.9	1599.6	1577.3	1553.4	1528.4
233	1605.2	1612.3	1621.9	1629.2	1631.2	1625.8	1616.4	1603.0	1589.3	1567.9	1544.3	1523.4
234	1463.1	1468.6	1475.6	1480.5	1481.0	1474.3	1463.6	1449.4	1435.4	1414.6	1392.6	1372.4
235	1050.8	1068.1	1100.3	1128.7	1151.0	1166.2	1176.2	1181.0	1182.5	1175.5	1165.2	1148.9
236	995.4	1015.5	1054.2	1090.4	1121.6	1147.6	1169.6	1188.1	1204.6	1216.5	1224.8	1228.1
237	970.2	983.4	1013.0	1043.3	1074.5	1104.0	1132.7	1162.1	1191.6	1223.1	1255.7	1284.1
238	977.1	988.2	1012.9	1041.0	1068.9	1097.0	1124.9	1155.6	1193.7	1220.4	1250.5	1283.6
239	984.3	993.5	1015.7	1041.3	1068.1	1095.0	1123.2	1153.4	1185.3	1220.0	1253.1	1286.4
240	971.2	976.3	987.3	1006.6	1025.2	1045.6	1068.2	1092.6	1119.2	1148.2	1176.2	1204.2
241	880.3	910.9	946.4	979.9	1013.3	1042.5	1068.4	1090.9	1110.2	1124.8	1134.7	1140.1
242	462.9	454.1	425.3	399.2	375.2	355.6	346.4	357.2	414.1	458.2	467.9	466.1
243	612.4	600.7	575.1	552.1	530.4	510.5	492.6	474.9	460.1	445.2	433.1	421.9
244	1387.1	1376.9	1354.7	1333.4	1311.7	1289.6	1270.0	1251.0	1236.3	1219.3	1206.1	1195.8
245	1362.2	1349.9	1323.5	1297.7	1271.1	1243.9	1219.2	1194.4	1174.1	1150.7	1132.3	1115.8
246	1159.6	1160.9	1163.9	1184.0	1181.8	1183.0	1181.4	1177.7	1169.7	1160.1	1149.9	1135.3
247	1081.3	1092.0	1113.6	1132.2	1145.5	1153.0	1156.4	1155.2	1151.0	1139.5	1125.1	1105.3
248	1051.4	1059.3	1075.7	1090.6	1102.5	1110.2	1115.8	1117.5	1118.1	1112.3	1105.5	1095.5
249	1059.6	1068.5	1084.0	1098.9	1110.2	1116.9	1121.0	1122.1	1122.8	1116.7	1109.2	1099.4
250	773.8	795.6	840.3	880.0	914.4	942.7	965.2	984.2	999.5	1009.2	1013.7	1015.0
251	704.2	710.2	717.8	733.0	750.2	767.8	782.5	795.0	806.8	816.3	823.9	828.8
252	115.1	120.8	124.2	138.5	131.8	142.5	140.6	159.6	157.5	165.9	167.2	177.3

Table LVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 860	R: 861	R: 862	R: 863	R: 864	R: 865	R: 866	R: 867	R: 868	R: 869	R: 870
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	789.9	821.1	850.9	883.4	913.5	946.5	979.8	1011.7	1044.1	1076.3	1107.8
3	911.7	925.4	933.3	942.1	944.3	945.2	944.2	940.1	934.8	925.3	911.3
4	909.7	926.0	939.3	948.0	950.2	951.5	950.0	945.3	939.6	931.4	919.9
5	931.8	939.7	942.0	946.3	946.2	941.9	937.8	932.8	923.3	912.3	897.5
6	925.7	935.9	939.7	944.9	943.2	939.4	933.9	926.3	917.8	907.5	894.2
7	5403.2	5415.7	5421.0	5427.1	5483.8	5479.1	5471.7	5461.8	5444.7	5422.0	5397.8
8	944.2	950.3	950.5	952.1	946.8	940.0	931.9	922.0	912.0	900.1	885.7
9	1044.7	1020.5	991.3	966.4	935.7	905.1	876.5	848.6	822.9	796.4	767.9
10	756.6	784.1	809.4	837.9	864.2	893.4	923.7	952.5	982.8	1013.1	1043.2
11	874.8	887.8	894.1	900.0	899.2	899.4	897.5	892.3	886.5	877.3	864.4
12	874.5	886.6	893.9	900.8	902.1	901.9	899.0	893.0	886.4	876.8	864.4
13	881.3	889.8	894.1	903.0	904.1	901.5	898.8	893.1	887.3	879.5	871.8
14	879.0	889.9	894.9	901.5	903.2	900.4	895.9	889.8	883.4	875.1	864.1
15	890.7	894.6	895.7	903.0	900.5	897.1	891.9	884.2	876.6	867.4	853.5
16	881.8	890.8	893.7	898.1	895.9	892.1	886.9	879.4	872.0	862.4	849.5
17	1035.9	1015.4	991.4	971.5	946.1	922.1	899.8	879.2	860.3	841.5	823.5
19	826.5	844.1	848.6	856.2	857.6	857.1	856.5	850.8	847.2	840.0	830.1
20	821.3	838.9	851.6	860.3	862.4	861.5	859.3	858.1	853.3	846.5	837.4
21	817.2	825.7	831.0	838.9	840.9	841.9	842.0	839.6	836.4	831.1	822.2
22	819.0	827.7	835.3	843.1	843.2	845.1	843.6	840.1	836.1	830.0	820.8
23	772.6	785.4	794.1	803.4	808.0	811.6	813.5	812.8	811.6	807.5	800.8
24	758.0	768.6	774.2	783.4	786.4	787.0	789.1	788.3	786.1	782.3	775.1
25	746.1	763.9	775.6	788.2	795.2	801.1	806.3	808.5	809.9	808.7	804.9
26	743.5	761.4	773.3	785.4	792.1	798.3	803.1	804.9	806.2	804.7	800.4
43	800.1	801.9	800.8	802.6	801.0	800.5	800.8	800.7	802.0	802.9	803.2
44	856.1	876.4	890.2	901.9	908.2	912.3	913.3	910.7	906.7	899.9	889.5
67	728.8	747.9	761.6	774.9	783.0	789.9	794.7	796.9	798.1	796.3	791.1
68	731.4	750.8	763.6	776.7	784.3	790.9	795.6	797.2	797.7	795.4	789.9
85	945.9	954.8	957.8	962.4	960.6	957.5	953.5	943.9	933.1	926.7	911.1
86	909.2	935.0	955.1	976.0	990.6	1003.8	1014.1	1020.8	1026.2	1029.6	1030.4
87	834.1	865.0	892.1	920.0	943.4	967.0	990.0	1010.3	1029.9	1047.1	1061.6
88	773.0	797.9	820.8	850.0	874.9	885.9	905.7	927.7	952.1	977.3	1001.1
89	713.5	734.1	751.5	771.8	790.2	810.9	832.9	852.7	874.5	897.8	921.3
90	711.5	731.7	749.0	769.4	788.1	808.8	830.0	851.1	874.1	897.3	920.5
91	717.9	735.7	751.4	770.7	788.0	808.0	829.4	850.9	874.1	898.4	922.8
921	1054.9	1027.5	994.8	966.5	932.2	897.8	865.7	833.5	804.4	773.7	740.4

Table LVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 860	R: 861	R: 862	R: 863	R: 864	R: 865	R: 866	R: 867	R: 868	R: 869	R: 870
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	811.3	847.6	880.4	916.1	949.0	983.9	1019.4	1051.9	1085.5	1118.3	1149.9
93	748.4	776.5	801.6	830.0	856.1	884.8	915.1	943.2	973.3	1003.5	1033.3
94	812.9	845.8	876.8	910.6	942.0	975.7	1010.1	1041.8	1074.6	1106.8	1138.0
95	761.7	784.8	805.6	834.6	859.4	870.4	890.4	912.5	937.0	962.2	986.8
125	794.4	806.8	814.2	822.8	826.2	827.5	827.2	822.1	815.8	805.9	791.7
126	791.8	804.9	813.7	821.9	824.9	826.5	825.6	820.1	813.8	804.4	791.2
128	1109.4	1100.4	1087.7	1079.4	1066.1	1054.6	1044.7	1035.8	1028.9	1021.8	1014.2
132	652.1	668.5	683.0	700.0	715.8	736.9	756.3	774.0	793.3	813.1	832.9
201	1351.3	1333.7	1308.5	1284.9	1250.9	1215.5	1178.7	1141.8	1103.8	1062.6	1017.5
202	1400.6	1394.0	1379.6	1367.0	1344.2	1319.9	1293.2	1266.6	1237.8	1205.5	1169.7
203	1408.9	1414.2	1411.9	1411.0	1400.3	1387.4	1372.4	1355.5	1336.3	1312.9	1285.1
204	1366.7	1385.7	1396.7	1408.8	1411.0	1411.5	1410.1	1405.6	1398.2	1386.6	1370.5
205	1271.0	1302.2	1326.2	1351.4	1368.4	1384.3	1397.7	1406.6	1413.3	1415.5	1413.7
206	1164.5	1201.7	1233.0	1266.1	1292.6	1318.6	1343.0	1362.4	1380.5	1395.0	1405.4
207	1071.6	1111.8	1145.7	1181.6	1212.5	1243.3	1273.7	1299.5	1324.6	1346.9	1365.9
208	1008.9	1048.6	1083.2	1120.1	1152.6	1186.0	1218.9	1247.6	1276.3	1302.5	1326.3
209	1239.3	1249.2	1252.1	1256.7	1253.1	1248.4	1242.4	1233.4	1222.8	1207.4	1188.0
210	1298.5	1311.6	1317.8	1325.1	1324.1	1322.1	1318.3	1311.5	1302.2	1288.3	1270.0
211	1346.8	1363.9	1373.1	1383.7	1385.2	1385.4	1383.3	1378.0	1370.1	1357.3	1340.0
212	1351.1	1368.9	1379.2	1390.5	1392.3	1392.7	1390.1	1385.1	1377.4	1365.5	1349.6
213	1302.8	1318.2	1326.0	1334.8	1334.5	1332.3	1327.3	1319.8	1310.5	1297.8	1281.1
214	1235.1	1248.0	1253.4	1259.6	1256.9	1252.2	1244.7	1234.9	1223.7	1209.4	1191.7
215	1051.0	1024.9	993.2	966.1	933.2	899.9	868.2	836.7	807.7	777.2	743.6
216	939.0	953.1	961.0	970.0	972.5	973.4	973.0	969.6	964.6	955.5	942.2
217	940.7	956.4	965.7	975.8	978.4	978.9	976.5	971.5	965.0	956.2	944.3
218	814.4	848.3	880.2	914.4	946.2	980.2	1014.6	1047.1	1080.0	1112.2	1143.2
219	797.3	809.9	817.3	826.5	829.8	832.0	832.9	830.8	828.0	822.7	813.4
220	793.4	806.7	815.5	824.8	828.4	830.7	830.7	828.3	824.8	818.7	809.3
221	713.7	732.3	745.3	758.6	767.0	774.8	781.1	784.9	787.8	788.5	786.1
222	709.5	729.2	741.3	754.6	763.5	771.9	778.7	783.0	786.4	787.2	785.2
223	682.9	702.3	713.6	726.0	734.2	741.9	748.6	752.7	755.9	756.2	753.3
224	681.2	695.3	708.6	723.2	733.3	743.0	750.9	755.9	759.7	760.4	758.1
225	987.6	969.4	946.9	929.3	907.2	886.0	867.3	849.4	834.5	819.3	803.7
226	1152.3	1124.5	1091.4	1061.4	1023.9	986.0	949.1	913.3	878.4	842.0	803.1
227	1206.0	1179.2	1146.7	1117.0	1079.2	1040.9	1002.8	966.2	929.9	891.8	851.4
228	1277.7	1252.6	1221.5	1192.3	1153.2	1113.8	1072.9	1033.8	992.8	949.3	902.9

Table LVII: AEDC 16′ Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 860	R: 861	R: 862	R: 863	R: 864	R: 865	R: 866	R: 867	R: 868	R: 869	R: 870
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	890.5	928.7	963.4	1000.7	1034.7	1070.4	1106.2	1138.4	1171.2	1202.6	1232.2
230	730.6	749.8	768.7	790.9	811.5	834.7	859.3	883.6	909.4	936.0	962.9
231	1075.7	1080.3	1078.8	1079.3	1073.0	1065.8	1058.0	1047.8	1036.7	1021.8	1003.1
232	1184.4	1191.5	1192.1	1194.2	1188.6	1181.9	1174.2	1163.9	1151.8	1135.6	1115.3
233	1174.7	1184.0	1186.4	1189.9	1184.9	1177.9	1168.6	1157.5	1145.3	1130.5	1112.7
234	1069.9	1077.2	1077.8	1079.7	1073.9	1066.1	1056.4	1045.0	1033.3	1019.3	1002.3
235	778.5	803.5	821.7	839.3	849.6	855.4	860.0	860.6	857.8	850.5	837.9
236	742.8	772.4	795.7	820.3	838.9	855.3	868.6	879.3	888.9	895.2	899.4
237	718.5	740.1	760.5	783.2	804.4	826.4	848.5	869.0	893.4	916.4	938.1
238	721.4	740.4	758.6	779.7	798.8	818.6	846.7	870.2	893.5	917.7	942.1
239	726.8	743.6	760.0	779.9	799.6	821.1	843.9	866.5	890.9	916.1	941.7
240	710.4	720.8	732.7	747.3	761.4	778.6	797.5	815.9	836.2	857.5	879.0
241	664.9	689.2	713.7	738.7	759.2	779.0	796.3	809.3	820.8	828.7	832.9
242	318.7	306.2	286.5	273.8	257.1	252.6	262.9	303.8	332.3	342.8	342.5
243	435.4	420.1	401.5	388.4	373.4	359.4	347.7	335.2	326.9	318.8	310.6
244	1001.1	987.0	969.4	956.7	939.7	924.5	911.6	899.8	890.5	881.7	873.1
245	981.6	964.4	943.4	927.2	906.5	887.3	870.3	854.5	841.0	827.9	814.9
246	849.4	854.0	857.3	860.0	863.2	861.1	859.2	855.4	854.3	840.4	829.1
247	797.1	813.5	824.7	835.9	840.6	842.6	842.3	838.0	832.6	822.7	807.5
248	772.3	785.9	794.6	804.6	809.4	813.4	815.2	814.5	812.4	808.1	800.2
249	778.8	792.2	800.1	809.9	813.9	817.2	818.9	818.0	815.7	811.2	803.1
250	583.3	615.8	642.3	667.5	687.0	704.3	718.5	728.4	736.6	741.1	741.6
251	515.8	524.6	533.7	547.1	559.2	570.1	579.8	587.4	595.4	601.5	605.2
252	80.7	93.2	90.6	109.9	105.5	102.5	119.3	112.5	115.7	127.5	127.3

Table LVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 871	R: 872	R: 873	R: 874	R: 875	R: 876	R: 877	R: 878	R: 879	R: 880	R: 881
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	781.1	812.1	846.4	878.7	912.4	945.1	978.1	1009.9	1043.4	1073.4	1106.9
3	877.6	891.0	902.3	909.5	913.3	912.5	910.9	907.1	898.0	885.7	871.5
4	939.8	953.1	967.6	978.2	981.3	984.0	983.8	979.2	974.2	964.1	954.3
5	895.9	904.2	910.3	913.4	915.4	909.3	908.0	902.2	889.4	875.9	861.9
6	959.7	965.5	971.7	975.3	977.5	971.8	966.8	958.5	949.9	937.3	925.1
7	5481.8	5492.1	5496.3	5494.8	5487.7	5471.4	5451.8	5433.0	5403.5	5371.8	5340.7
8	979.1	980.4	982.3	982.1	977.6	971.4	963.1	952.0	941.4	926.8	913.2
9	1047.6	1020.7	992.7	965.5	934.8	903.7	873.1	847.1	819.7	790.8	763.8
10	751.2	777.2	806.5	834.4	863.9	892.6	921.8	950.7	982.0	1009.9	1042.3
11	843.7	856.7	866.4	870.9	872.3	871.4	868.8	864.1	855.2	843.3	831.8
12	902.5	911.2	919.9	927.3	929.7	930.1	928.2	922.2	915.9	904.3	893.5
13	847.9	857.6	865.6	874.0	877.4	874.2	872.2	865.3	858.1	847.5	842.7
14	909.0	915.9	923.6	932.5	933.6	929.2	924.7	918.3	911.9	901.2	891.0
15	858.5	862.5	867.7	873.4	873.6	869.6	864.8	858.8	849.2	838.4	826.0
16	913.9	918.1	923.0	925.5	923.9	920.1	915.0	906.7	898.5	886.2	873.9
17	1037.8	1015.6	992.6	970.8	946.2	922.0	899.0	879.8	860.0	840.9	825.2
19	798.4	817.8	826.6	832.6	835.7	834.9	833.1	829.8	823.2	813.9	804.8
20	846.8	861.6	874.8	883.4	885.9	885.0	882.4	882.0	876.9	867.7	859.5
21	795.3	803.4	811.1	817.7	821.7	822.5	822.4	821.0	816.2	807.8	800.8
22	839.4	846.0	855.0	860.7	862.9	864.1	863.4	860.2	856.1	847.6	839.7
23	753.2	764.9	776.6	784.9	791.2	794.8	797.1	797.4	794.1	788.7	782.3
24	776.4	784.6	793.9	801.3	806.6	806.2	806.9	806.3	803.8	797.5	791.5
25	726.8	745.2	759.8	771.8	781.1	787.3	792.6	796.2	796.4	794.1	791.2
26	760.6	774.8	789.6	800.3	807.8	813.1	817.0	818.8	819.7	815.9	812.2
43	800.0	800.5	801.4	802.1	801.6	800.5	800.4	801.0	801.5	800.6	802.2
44	879.6	897.5	916.1	927.8	936.3	941.9	944.8	943.2	940.8	932.6	924.6
67	712.8	731.4	747.9	760.2	770.0	776.4	780.8	783.7	782.8	778.8	774.1
68	745.4	761.4	777.7	790.2	799.5	805.6	810.1	812.3	813.3	809.2	805.0
85	908.3	917.4	924.1	927.5	927.4	922.7	919.0	909.6	897.7	888.9	873.0
86	931.7	956.1	980.6	1001.3	1018.6	1033.2	1045.5	1052.8	1060.5	1062.1	1065.1
87	814.9	843.9	873.1	898.8	924.2	946.0	967.0	986.0	1002.7	1017.0	1031.0
88	776.4	801.0	833.7	863.6	877.1	886.7	906.1	928.0	952.9	976.1	1003.9
89	712.7	731.5	750.7	769.0	789.0	808.7	826.7	846.6	868.7	889.1	913.8
90	703.1	724.9	746.8	767.6	789.5	810.8	833.4	853.5	878.3	900.0	926.3
91	711.5	730.4	749.4	767.9	787.9	807.8	828.3	849.5	873.1	895.5	922.1
921	1055.9	1026.8	995.9	966.0	931.9	897.0	861.9	831.5	800.8	768.0	738.5

Table LVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 871	R: 872	R: 873	R: 874	R: 875	R: 876	R: 877	R: 878	R: 879	R: 880	R: 881
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	807.2	841.8	878.6	913.1	948.7	983.2	1017.7	1050.3	1085.5	1115.0	1149.4
93	744.1	770.9	799.6	827.0	855.9	884.2	913.0	941.3	972.8	1000.1	1032.6
94	807.4	840.0	875.5	908.8	943.4	976.9	1010.7	1042.8	1077.2	1106.6	1140.5
95	764.2	786.0	818.3	848.1	861.5	871.2	890.7	912.7	937.8	961.1	988.9
125	766.5	779.6	791.4	799.8	806.2	808.8	809.7	807.3	800.7	789.5	777.7
126	816.9	826.1	835.7	841.9	845.5	845.4	843.0	836.3	828.3	814.8	802.0
128	1108.8	1097.8	1087.4	1077.6	1065.9	1054.1	1043.7	1036.1	1027.5	1018.4	1010.5
132	652.1	667.1	684.6	701.0	718.8	738.6	756.0	773.2	792.5	810.1	831.8
201	1351.1	1331.4	1308.5	1282.9	1250.5	1213.8	1175.0	1139.5	1098.6	1056.2	1011.3
202	1398.6	1390.2	1378.7	1364.0	1343.1	1317.6	1290.2	1264.3	1232.4	1200.1	1163.5
203	1405.9	1409.5	1410.4	1407.8	1398.9	1385.3	1369.8	1353.4	1331.9	1307.7	1279.8
204	1361.7	1379.1	1394.2	1404.5	1409.5	1409.4	1407.6	1403.4	1394.5	1381.5	1365.3
205	1265.3	1294.8	1323.2	1346.7	1366.5	1381.7	1395.2	1404.4	1410.0	1410.6	1409.6
206	1157.8	1193.8	1229.8	1261.3	1290.7	1316.2	1340.7	1360.5	1378.3	1390.4	1402.2
207	1067.2	1104.6	1142.9	1177.4	1210.8	1241.6	1271.8	1297.7	1323.5	1342.5	1363.5
208	1004.1	1041.5	1080.3	1115.9	1151.1	1184.2	1216.9	1245.8	1275.3	1298.5	1324.3
209	1203.5	1213.6	1220.6	1223.4	1222.0	1214.9	1209.5	1202.5	1187.8	1172.2	1152.4
210	1268.5	1281.5	1291.6	1297.4	1298.8	1294.5	1291.1	1285.9	1273.2	1259.0	1240.3
211	1328.2	1344.5	1357.8	1366.8	1370.8	1369.4	1367.6	1363.4	1352.6	1339.1	1321.4
212	1360.4	1375.8	1389.4	1399.1	1403.2	1403.3	1400.5	1394.9	1386.1	1373.0	1357.2
213	1324.4	1336.7	1347.6	1354.7	1356.6	1355.0	1349.5	1341.3	1331.4	1316.9	1300.6
214	1266.5	1275.4	1283.4	1288.0	1287.2	1283.6	1275.7	1264.5	1252.8	1236.7	1219.6
215	1051.7	1023.3	993.2	963.9	930.5	896.3	862.3	833.3	802.9	770.3	739.4
216	903.1	917.0	928.4	935.9	939.9	938.8	938.4	935.7	926.8	915.6	901.9
217	972.4	985.0	997.2	1006.3	1010.8	1012.6	1011.4	1006.0	1000.4	989.9	979.5
218	804.8	839.4	875.1	908.5	943.2	976.6	1010.2	1042.5	1076.0	1105.5	1138.4
219	777.1	788.6	798.6	806.1	811.0	812.7	812.8	811.4	806.4	798.2	788.9
220	811.9	822.6	834.4	843.5	848.5	850.9	851.5	849.7	846.3	838.2	830.5
221	695.6	714.8	731.8	744.2	754.6	762.4	768.6	772.8	774.7	773.4	771.8
222	726.0	741.3	756.1	768.3	778.3	786.1	792.3	796.7	800.1	798.9	797.7
223	672.7	687.4	701.9	712.7	722.3	729.7	735.7	739.8	741.0	739.0	736.4
224	686.6	705.3	721.3	735.5	747.7	757.2	764.8	770.3	774.7	774.1	773.1
225	990.3	969.4	948.4	928.8	906.8	885.4	865.5	849.2	832.5	814.7	800.4
226	1155.9	1125.8	1093.8	1061.9	1024.9	986.2	947.1	913.1	875.9	838.0	800.1
227	1208.7	1179.9	1148.7	1117.2	1080.1	1041.0	1000.6	965.2	926.4	887.1	847.2
228	1279.3	1252.5	1222.8	1191.9	1154.2	1113.5	1070.9	1032.9	988.6	945.6	898.3

Table LVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 871	R: 872	R: 873	R: 874	R: 875	R: 876	R: 877	R: 878	R: 879	R: 880	R: 881
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	885.5	922.0	960.8	996.9	1033.7	1069.0	1104.2	1136.6	1170.6	1198.9	1230.8
230	725.9	746.4	768.1	789.4	812.5	835.3	858.7	882.6	908.8	933.6	962.3
231	1034.5	1039.9	1042.4	1041.7	1037.4	1027.9	1021.0	1012.8	998.2	982.2	964.0
232	1146.7	1154.2	1158.6	1159.2	1155.6	1146.6	1139.7	1131.2	1115.3	1098.6	1077.9
233	1209.6	1214.6	1219.2	1221.1	1217.6	1212.2	1202.4	1189.8	1177.5	1160.6	1143.5
234	1108.7	1111.2	1113.7	1113.8	1109.1	1102.8	1092.7	1079.7	1067.5	1051.1	1035.1
235	767.2	788.7	807.9	821.9	831.5	836.0	838.1	836.2	828.0	816.5	800.9
236	741.2	765.4	789.0	809.6	826.3	839.6	850.8	859.2	863.4	866.5	866.7
237	719.8	738.0	759.8	780.6	801.9	821.6	840.0	864.1	884.1	903.1	924.9
238	722.4	738.3	758.3	777.3	797.1	822.9	843.7	864.7	887.5	909.2	934.8
239	725.2	739.4	759.8	779.1	800.1	821.2	842.6	864.7	889.1	912.3	939.6
240	707.4	721.3	733.5	746.6	762.4	779.1	796.5	814.9	835.5	854.5	877.6
241	671.5	695.0	718.2	738.6	757.7	773.7	786.5	796.6	803.2	806.0	807.6
242	349.5	329.6	316.9	308.3	298.5	293.2	292.2	297.4	315.3	333.0	336.2
243	441.1	421.7	403.4	387.9	372.4	358.4	344.6	334.7	325.6	314.0	307.1
244	1002.3	985.9	969.8	955.1	938.9	923.4	909.6	898.9	888.1	877.4	869.9
245	983.9	964.1	944.5	926.3	905.9	886.3	868.3	853.6	838.6	823.4	811.4
246	819.4	826.2	833.2	835.2	839.6	837.4	836.6	833.8	826.3	815.1	804.3
247	778.7	793.6	806.9	815.9	821.3	822.0	819.8	816.0	806.7	792.8	776.9
248	749.3	762.7	775.2	784.8	792.1	797.1	800.1	801.2	798.4	793.3	787.1
249	799.8	809.8	820.0	827.8	832.1	833.8	834.2	832.6	829.2	821.5	813.3
250	535.6	574.4	609.1	636.4	661.0	681.3	698.5	711.4	720.4	725.7	729.5
251	494.6	503.5	515.3	528.4	542.7	553.4	563.0	572.0	579.0	583.9	589.3
252	89.9	98.5	99.1	106.8	104.9	101.4	117.9	111.0	115.5	124.2	126.2

Table LIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 882 Pi	Nominal β 2.0° R: 883 Pi
2	982.0	980.5
3	946.4	913.4
4	951.2	982.9
5	940.0	910.7
6	935.2	965.9
7	5489.1	5425.7
8	932.9	961.8
9	877.5	872.5
10	925.4	924.0
11	899.5	870.8
12	900.1	927.1
13	901.2	875.4
14	897.0	923.9
15	893.7	866.6
16	888.2	914.0
17	901.4	898.9
19	858.4	834.5
20	860.5	882.2
21	843.9	824.2
22	844.8	862.9
23	814.8	798.2
24	790.0	806.6
25	807.6	794.0
26	804.2	817.1
43	801.8	801.2
44	914.5	944.1
67	796.3	782.1
68	796.9	810.1
85	955.4	921.1
86	1015.4	1045.6
87	992.2	970.1
88	907.2	907.6
89	834.4	828.4
90	831.4	834.9
91	831.3	830.0
921	866.2	860.7

Table LIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 882 Pi	Nominal β 2.0° R: 883 Pi
922	1020.5	1020.2
93	916.1	915.1
94	1011.7	1013.1
95	891.8	892.3
125	829.0	811.3
126	826.8	841.8
128	1046.3	1044.8
132	757.8	757.3
201	1180.6	1174.9
202	1295.4	1291.1
203	1374.4	1371.1
204	1412.2	1409.7
205	1399.4	1397.7
206	1344.5	1343.5
207	1275.1	1274.6
208	1220.2	1219.8
209	1244.3	1212.2
210	1320.2	1293.8
211	1385.4	1370.2
212	1392.3	1402.0
213	1329.2	1350.3
214	1246.4	1275.6
215	868.8	861.5
216	975.0	940.9
217	977.8	1011.1
218	1016.6	1012.8
219	834.7	814.3
220	832.0	850.7
221	782.9	770.0
222	780.3	792.1
223	750.3	737.1
224	752.3	764.7
225	868.2	865.3
226	950.7	946.5
227	1004.6	1000.0
228	1075.2	1070.7

Table LIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = .95, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 882 Pi	Nominal β 2.0° R: 883 Pi
229	1107.5	1106.9
230	861.4	860.5
231	1060.1	1023.5
232	1176.3	1142.3
233	1170.2	1202.1
234	1057.7	1091.4
235	861.7	839.7
236	869.9	852.6
237	850.8	842.1
238	848.9	845.8
239	845.9	844.4
240	799.4	798.0
241	797.7	788.1
242	270.6	286.1
243	346.7	343.8
244	913.0	910.0
245	871.5	868.3
246	860.8	838.1
247	844.2	821.5
248	816.7	801.4
249	820.1	834.1
250	720.3	700.8
251	581.4	564.4
252	110.8	110.7

Table LX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 680.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 195	R: 196	R: 197	R: 198	R: 199	R: 200	R: 201	R: 202	R: 203	R: 204	R: 205
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	908.0	945.0	985.2	1024.8	1064.6	1106.3	1146.5	1182.5	117.8	1261.5	1304.3
3	1066.5	1077.8	1089.5	1093.4	1095.7	1096.6	1093.9	1082.7	-31.8	1060.3	1047.2
4	1066.9	1090.1	1102.3	1100.9	1105.6	1106.9	1103.9	1093.0	-18.7	1073.6	1066.2
5	1092.0	1095.4	1099.6	1106.4	1106.1	1101.2	1084.7	1070.3	-47.4	1042.4	1028.6
6	1086.2	1091.8	1098.2	1101.5	1101.5	1096.3	1087.4	1071.8	-48.8	1040.0	1030.0
7	1109.3	1107.0	1104.8	1099.2	1090.2	1083.9	1072.8	1053.9	-66.7	1019.6	1003.6
8	1109.5	1110.1	1108.9	1108.0	1103.4	1091.2	1079.0	1060.2	-57.8	1029.7	1023.4
9	1233.6	1194.5	1155.4	1116.5	1076.9	1037.3	998.2	952.9	-190.6	867.9	837.2
10	855.6	888.3	923.2	957.6	992.6	1029.8	1066.3	1098.4	32.7	1174.0	1216.2
11	1080.0	1081.1	1076.0	1069.1	1057.1	1048.6	1035.8	1018.7	-109.6	976.3	951.6
12	1079.0	1076.6	1072.2	1067.9	1058.7	1050.7	1035.0	1009.3	-115.8	967.6	946.9
13	1064.6	1059.7	1056.8	1056.0	1051.7	1045.9	1028.8	1009.2	-111.7	982.9	962.1
14	1051.1	1051.7	1057.0	1056.7	1051.7	1044.8	1032.7	1005.3	-114.4	976.4	964.4
15	1035.3	1034.7	1034.4	1027.6	1022.5	1016.5	1006.9	989.4	-129.1	958.4	944.0
16	1034.6	1036.2	1036.5	1035.4	1031.4	1025.4	1014.1	994.8	-122.0	962.1	948.8
17	1222.8	1190.2	1158.1	1126.7	1095.3	1064.9	1035.6	1003.3	-127.6	954.9	939.3
19	942.9	965.9	976.3	980.1	979.6	976.1	972.5	959.8	-154.3	933.8	925.6
20	936.8	961.2	980.1	984.6	986.6	985.9	981.9	968.6	-142.5	948.4	940.1
21	945.9	950.7	957.4	961.2	962.6	962.3	958.7	950.3	-165.9	922.2	905.3
22	949.8	954.6	960.6	964.9	966.3	965.1	961.9	950.9	-165.4	921.3	900.2
23	886.6	900.6	914.7	920.2	923.6	927.6	927.2	919.7	-193.6	900.0	886.0
24	887.1	898.6	908.0	912.8	914.9	917.2	915.0	906.4	-204.6	889.1	878.7
25	870.9	882.3	897.7	910.1	921.8	929.8	934.2	935.6	-175.2	927.9	921.4
26	862.6	879.5	898.3	907.7	920.1	927.4	931.2	931.8	-178.5	923.4	915.9
43	1039.9	1049.9	1061.3	1063.3	1069.7	1072.9	1070.7	1059.7	-50.0	1047.2	1040.7
44	1018.1	1030.0	1037.6	1044.5	1051.0	1053.6	1053.2	1043.9	-63.4	1031.7	1030.1
67	842.9	856.3	875.0	889.5	904.0	910.9	916.4	915.7	-194.3	906.4	897.2
68	841.8	862.1	883.0	892.1	907.2	914.2	918.4	916.9	-193.0	906.1	896.6
85	1105.2	1110.0	1113.7	1110.7	1113.1	1109.6	1103.1	1088.5	-29.4	1060.9	1045.6
86	1067.5	1091.2	1116.7	1139.6	1159.5	1176.0	1187.8	1192.7	95.2	1203.6	1210.2
87	965.5	999.4	1034.8	1066.6	1096.1	1127.2	1152.7	1173.9	92.9	1219.7	1241.4
88	888.4	910.8	932.8	949.5	970.8	995.7	1021.2	1042.5	-30.6	1102.0	1138.5
89	801.9	822.1	840.2	871.4	896.9	921.2	945.6	965.6	-112.8	1018.0	1052.1
90	808.2	825.2	842.8	869.8	893.2	918.4	942.0	961.8	-113.7	1016.5	1050.1
91	807.8	824.1	840.3	871.0	894.5	918.5	943.0	963.1	-111.6	1020.0	1055.2
921	1242.3	1199.5	1156.6	1113.7	1069.7	1025.5	983.8	935.0	-213.4	845.3	828.2

Table LX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 680.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 195	R: 196	R: 197	R: 198	R: 199	R: 200	R: 201	R: 202	R: 203	R: 204	R: 205
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	937.1	978.4	1022.3	1064.9	1107.5	1151.6	1193.7	1232.5	168.7	1314.8	1357.3
93	849.4	875.4	910.8	945.1	979.9	1016.9	1053.0	1085.1	19.0	1160.4	1202.3
94	939.8	976.9	1017.3	1057.3	1097.7	1140.1	1180.9	1218.1	154.3	1299.3	1341.9
95	872.9	895.1	917.2	934.0	955.5	980.7	1006.5	1027.8	-45.6	1087.2	1123.9
125	917.7	928.0	937.2	943.2	945.6	945.7	941.3	926.7	-193.2	890.9	870.8
126	917.7	928.9	938.1	943.3	945.8	945.3	940.5	926.0	-192.9	891.4	874.6
128	1329.5	1312.6	1297.5	1282.8	1267.9	1254.2	1240.8	1227.1	106.8	1203.4	1194.2
132	710.6	731.2	753.2	774.8	797.4	821.8	845.7	875.4	-207.1	930.6	955.6
201	1634.2	1605.4	1573.2	1537.5	1497.3	1454.6	1409.3	1360.3	201.3	1255.7	1201.3
202	1698.5	1684.1	1666.7	1645.7	1619.8	1591.4	1559.2	1523.7	376.5	1443.4	1399.5
203	1711.5	1712.3	1711.1	1705.3	1694.3	1680.7	1661.0	1639.3	503.6	1582.1	1547.8
204	1657.1	1675.3	1692.5	1703.1	1709.1	1711.7	1709.5	1703.6	583.9	1676.6	1656.1
205	1534.7	1568.7	1601.8	1629.9	1653.9	1675.7	1691.5	1703.1	601.2	1712.2	1709.8
206	1400.0	1441.9	1484.1	1522.0	1557.2	1591.2	1619.7	1645.2	558.3	1684.8	1697.8
207	1280.4	1324.5	1370.3	1412.8	1453.5	1493.7	1529.2	1562.1	485.0	1620.2	1644.6
208	1198.2	1242.1	1288.3	1331.9	1374.5	1416.9	1455.7	1492.0	419.9	1559.7	1590.4
209	1490.6	1497.3	1503.4	1504.2	1501.5	1497.3	1489.3	1477.2	352.4	1441.4	1417.5
210	1569.7	1580.7	1591.2	1596.3	1596.7	1595.9	1590.7	1581.6	458.9	1550.2	1527.3
211	1634.0	1649.3	1663.4	1672.0	1676.1	1678.1	1675.1	1668.7	547.4	1640.0	1618.0
212	1637.6	1654.5	1670.3	1680.1	1685.6	1687.9	1684.6	1677.9	557.7	1650.1	1630.5
213	1578.0	1591.9	1603.0	1610.4	1612.8	1611.8	1605.4	1595.5	474.4	1565.4	1546.1
214	1490.3	1500.7	1508.0	1512.2	1511.3	1507.0	1497.7	1484.2	361.6	1450.1	1430.5
215	1240.8	1199.7	1158.5	1117.0	1074.1	1030.9	988.4	939.1	-209.9	843.5	813.4
216	1100.2	1111.5	1122.3	1129.1	1131.9	1133.7	1131.6	1122.3	8.0	1101.8	1089.1
217	1105.8	1119.6	1130.5	1138.3	1142.7	1143.4	1139.6	1128.8	15.9	1108.6	1099.9
218	940.7	979.7	1021.6	1062.7	1103.7	1146.4	1187.3	1224.9	161.1	1306.3	1348.3
219	918.2	928.1	937.8	944.4	946.6	947.6	946.9	935.2	-177.5	912.3	896.9
220	915.3	925.6	936.0	944.4	946.5	946.5	945.7	934.1	-179.2	906.6	884.8
221	823.2	843.6	864.4	878.6	894.8	904.5	911.1	913.1	-194.9	910.7	905.5
222	823.5	844.1	859.8	874.1	889.2	898.9	907.2	909.8	-196.5	909.0	904.2
223	782.0	803.1	824.1	842.5	852.1	863.8	868.6	870.9	-237.2	868.1	862.0
224	778.9	800.0	815.5	836.4	851.1	863.3	870.4	874.5	-231.2	874.7	870.4
225	1161.0	1130.0	1100.4	1071.6	1042.6	1014.3	987.0	955.4	-175.0	906.7	848.3
226	1375.0	1332.6	1289.2	1244.8	1198.9	1152.1	1103.9	1052.3	-101.9	954.6	910.6
227	1444.4	1403.9	1361.5	1318.0	1271.9	1224.7	1174.2	1121.6	-34.5	1020.7	972.9
228	1537.3	1499.5	1458.9	1416.0	1369.4	1321.2	1270.9	1216.6	55.1	1105.6	1050.0

Table LX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 680.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 195	R: 196	R: 197	R: 198	R: 199	R: 200	R: 201	R: 202	R: 203	R: 204	R: 205
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1042.9	1085.9	1131.7	1175.7	1219.6	1264.4	1306.7	1346.0	280.3	1425.5	1464.8
230	827.5	851.2	870.9	895.4	921.3	949.9	978.4	1002.2	-68.3	1066.6	1105.7
231	1277.2	1276.7	1276.2	1271.9	1265.0	1256.9	1246.1	1230.1	106.4	1194.0	1173.4
232	1419.3	1422.3	1424.9	1422.6	1417.0	1410.3	1400.1	1385.2	259.3	1346.9	1322.4
233	1408.7	1414.6	1417.5	1417.7	1413.9	1406.7	1394.9	1378.9	256.1	1343.5	1324.4
234	1272.8	1275.6	1275.9	1274.3	1268.6	1259.7	1247.1	1229.6	108.3	1195.1	1179.0
235	893.5	930.2	948.8	963.2	974.4	981.5	983.4	974.4	-137.2	952.6	940.8
236	852.3	880.3	911.6	936.5	957.2	976.5	991.1	996.9	-97.8	1010.9	1017.9
237	817.3	840.8	867.6	890.3	915.4	941.8	966.8	985.3	-91.7	1041.3	1072.9
238	819.2	840.4	866.3	886.7	909.7	933.5	961.7	987.9	-87.6	1043.1	1076.8
239	823.9	844.1	867.4	885.3	907.0	932.5	958.2	979.2	-94.1	1038.8	1075.7
240	788.3	810.3	831.5	860.2	875.9	895.2	911.9	930.6	-153.5	976.3	1003.5
241	733.4	777.6	816.3	853.3	879.2	901.2	917.5	930.1	-166.9	946.7	949.8
242	367.2	341.0	317.7	297.1	278.3	262.8	252.6	254.4	-823.2	321.6	351.9
243	512.6	489.0	468.8	451.0	433.6	417.6	403.1	391.5	-730.9	368.3	357.8
244	1186.4	1162.2	1139.7	1118.5	1098.0	1079.3	1061.4	1043.9	-78.5	1016.1	1006.5
245	1155.2	1126.0	1098.4	1071.6	1044.9	1019.5	994.8	967.3	-161.7	923.1	911.4
246	972.9	988.3	984.5	986.1	985.6	983.0	977.4	960.2	-151.9	940.2	931.0
247	916.7	932.4	946.0	954.6	962.1	962.9	958.9	944.4	-171.7	912.3	894.2
248	893.0	906.9	918.3	925.7	931.2	936.4	936.3	930.4	-183.4	913.7	898.3
249	906.2	916.3	925.5	933.3	938.4	942.1	942.1	937.0	-174.9	923.9	905.9
250	658.9	698.3	737.1	769.1	798.4	822.6	840.2	852.7	-246.9	865.9	866.3
251	567.7	582.4	598.3	614.4	628.3	641.6	653.2	664.9	-434.6	681.5	685.6
252	105.2	101.5	110.2	116.6	122.6	129.7	133.8	135.1	30.9	146.8	146.2

Table LXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 242	R: 243	R: 244	R: 245	R: 246	R: 247	R: 248
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	660.5	687.4	716.3	746.5	778.3	805.7	834.2
3	778.7	788.1	795.0	801.4	804.8	803.5	798.3
4	782.6	792.8	800.3	806.3	811.1	811.9	809.6
5	797.8	801.4	803.0	804.8	805.3	799.4	790.6
6	798.4	801.4	802.6	804.8	807.2	804.0	795.8
7	811.5	807.2	804.6	802.3	797.7	790.3	778.8
8	815.5	814.6	812.0	810.2	807.1	801.2	792.2
9	906.3	876.1	845.6	818.5	790.0	762.3	731.1
10	621.1	647.1	672.2	698.7	727.0	751.4	777.1
11	787.3	788.6	784.9	780.6	774.4	766.6	753.9
12	791.8	790.0	785.0	782.7	777.8	771.1	759.8
13	770.8	770.4	768.8	770.6	768.3	760.1	748.2
14	772.0	771.5	771.5	773.7	770.9	764.9	754.7
15	757.1	757.2	755.6	754.5	751.3	746.3	735.7
16	760.2	760.3	759.2	758.9	756.9	752.2	743.9
17	898.7	873.4	848.0	826.5	804.1	783.1	759.6
19	696.9	712.6	711.8	715.7	717.2	714.2	707.1
20	687.4	705.4	717.3	721.9	724.4	722.6	718.4
21	690.1	694.6	698.9	702.4	704.4	702.9	698.3
22	695.8	700.3	704.9	708.0	709.9	708.6	704.4
23	647.8	658.6	668.1	674.3	677.8	679.5	677.9
24	650.2	660.1	665.5	670.6	673.3	674.6	671.9
25	637.4	645.7	655.6	665.9	675.9	681.3	683.4
26	633.0	645.2	658.2	666.6	676.7	681.9	683.8
43	635.6	634.8	633.9	634.9	635.9	635.5	634.0
44	746.3	754.6	759.9	766.2	771.5	772.8	772.2
67	618.3	627.3	639.8	651.7	663.6	668.0	671.0
68	618.4	632.8	647.6	656.1	667.9	672.7	675.1
85	811.0	816.0	818.5	821.0	820.7	816.2	808.0
86	781.7	801.7	819.3	836.3	851.8	862.6	871.2
87	704.3	730.5	755.9	781.1	805.8	825.0	842.8
88	648.3	669.6	692.3	712.9	730.6	745.7	763.3
89	586.2	601.4	612.7	634.8	657.3	673.0	689.5
90	591.2	606.6	616.4	635.5	656.3	671.7	687.7
91	591.5	604.5	613.5	633.6	654.7	670.0	686.5
921	917.7	884.7	850.9	820.3	787.5	755.9	720.8

Table LXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 242	R: 243	R: 244	R: 245	R: 246	R: 247	R: 248
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	684.3	716.9	748.4	780.6	814.3	842.9	872.7
93	618.1	640.2	664.8	690.9	718.8	742.6	768.0
94	686.5	715.0	744.6	775.1	807.4	835.2	864.0
95	637.4	657.2	679.0	697.6	715.0	730.6	748.3
125	670.5	678.8	684.3	689.8	693.5	692.3	687.8
126	674.0	682.0	687.5	692.8	696.8	695.9	691.9
128	978.1	964.8	951.7	942.4	933.3	923.4	911.0
132	524.1	539.5	554.9	571.3	589.2	605.2	621.9
201	1204.3	1181.3	1155.4	1131.2	1103.0	1073.5	1037.1
202	1251.0	1239.4	1224.5	1210.9	1193.7	1173.4	1146.6
203	1259.1	1259.5	1256.4	1254.1	1248.2	1238.0	1221.4
204	1218.9	1232.8	1243.1	1252.9	1259.5	1260.2	1255.9
205	1127.6	1153.9	1177.0	1199.4	1219.8	1233.1	1242.1
206	1026.8	1059.5	1089.9	1119.6	1148.5	1170.0	1188.9
207	939.8	974.3	1007.0	1039.2	1071.9	1097.7	1122.0
208	878.5	913.1	946.3	979.6	1013.5	1040.9	1067.7
209	1094.6	1100.8	1103.9	1107.4	1107.4	1102.5	1092.2
210	1153.2	1162.5	1168.7	1175.0	1177.6	1175.2	1167.4
211	1200.8	1213.3	1222.0	1230.8	1236.1	1235.9	1230.3
212	1205.2	1217.7	1226.5	1235.6	1241.9	1242.7	1238.2
213	1162.0	1171.2	1177.3	1183.5	1187.8	1186.7	1181.0
214	1098.0	1104.2	1107.4	1111.1	1112.6	1109.5	1102.0
215	913.8	881.4	848.4	818.8	787.9	757.6	723.6
216	804.3	814.2	821.7	828.5	832.5	831.7	826.9
217	812.7	821.8	828.5	834.8	839.2	839.8	837.0
218	686.8	716.9	747.3	778.6	811.4	839.8	868.8
219	670.8	678.3	684.6	690.8	694.0	693.1	690.6
220	671.0	678.8	686.6	693.3	696.2	695.5	693.6
221	602.8	618.4	632.2	644.1	658.7	664.2	667.7
222	604.2	619.7	632.0	641.9	655.5	661.5	666.5
223	572.8	589.1	604.9	617.6	628.2	635.0	637.2
224	571.4	587.9	599.3	613.5	627.9	635.3	639.5
225	853.5	829.6	805.8	785.8	765.7	745.7	723.7
226	1013.2	980.0	945.7	914.7	881.6	849.5	812.4
227	1064.8	1032.8	999.1	968.9	936.0	903.7	866.1
228	1133.4	1103.3	1070.9	1041.2	1008.0	974.9	935.2

Table LXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
fice	R: 242	R: 243	R: 244	R: 245	R: 246	R: 247	R: 248
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	762.4	796.4	829.6	863.2	898.0	927.4	957.1
230	603.7	622.6	638.6	656.8	677.0	695.4	715.2
231	936.1	937.3	936.0	934.9	931.2	923.6	911.7
232	1041.5	1045.3	1046.0	1047.1	1044.5	1037.7	1026.1
233	1037.8	1040.5	1040.5	1041.5	1040.4	1035.5	1026.6
234	937.6	937.8	936.1	935.1	932.6	926.8	917.6
235	651.7	679.3	692.5	704.9	714.5	716.9	716.3
236	622.2	643.2	665.3	686.0	704.3	715.3	722.9
237	596.7	613.7	633.3	651.1	671.6	688.1	705.3
238	598.3	614.4	633.4	649.5	666.8	681.5	705.4
239	601.1	615.5	634.6	649.9	667.9	683.7	701.4
240	578.8	594.5	610.3	630.1	646.3	658.6	669.3
241	536.6	569.6	598.0	625.1	647.7	661.9	672.3
242	270.8	251.8	234.9	219.9	206.8	195.8	188.8
243	376.4	359.2	343.9	331.4	319.3	308.0	296.7
244	873.2	854.5	836.5	822.5	808.7	795.5	780.7
245	849.7	827.2	805.3	786.9	768.5	750.5	730.6
246	721.0	724.3	726.5	728.5	722.5	719.5	712.2
247	669.0	681.4	690.7	698.3	705.4	704.2	699.3
248	652.4	664.0	671.3	677.8	683.2	686.1	684.8
249	664.8	673.0	678.8	685.6	690.2	692.7	691.7
250	481.2	511.4	538.8	563.4	586.8	602.2	614.3
251	416.0	427.4	438.4	450.9	462.3	470.8	478.6
252	76.0	84.1	89.1	84.3	90.6	90.9	91.5

Table LXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 262	R: 263	R: 264	R: 265	R: 266	R: 267	R: 268	R: 269	R: 270	R: 271	R: 272
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	662.6	688.6	716.7	745.5	775.6	806.6	836.9	865.6	896.1	925.6	953.8
3	782.2	790.0	796.6	801.1	803.4	803.9	801.5	797.0	789.6	779.3	767.3
4	778.9	791.2	800.7	805.8	810.1	810.7	808.3	804.1	797.1	789.2	780.1
5	800.6	802.7	804.4	804.6	804.1	799.8	794.0	786.8	777.3	765.4	752.8
6	794.0	799.2	802.9	804.5	806.2	802.2	793.9	786.5	775.2	764.8	753.6
7	810.6	808.8	806.9	803.4	798.2	792.2	783.8	774.0	762.1	748.0	734.6
8	810.7	812.4	812.6	810.1	806.0	798.9	789.9	780.3	768.6	756.6	746.5
9	901.8	874.4	847.5	818.9	789.9	759.9	730.4	701.9	670.6	637.7	608.5
10	623.7	648.2	672.8	698.0	724.7	752.3	779.9	806.1	834.5	862.1	889.1
11	788.5	789.3	786.3	780.7	773.9	767.1	756.9	745.1	729.1	712.8	693.6
12	788.2	788.0	785.7	782.2	776.5	768.7	757.5	743.7	726.6	711.0	693.5
13	772.4	771.1	770.2	770.6	767.5	760.9	752.1	742.2	728.9	714.7	698.0
14	768.0	769.4	771.4	773.1	769.5	762.4	752.3	740.3	726.6	713.0	697.1
15	758.7	757.9	757.0	754.7	751.0	746.9	738.8	729.1	717.4	704.4	688.9
16	755.8	758.1	759.2	758.3	755.4	749.8	741.5	732.0	720.4	707.6	692.9
17	894.6	872.0	849.8	826.4	803.6	780.7	758.8	739.1	719.3	703.0	689.3
19	701.6	714.3	713.4	716.2	716.9	715.4	709.8	705.9	698.5	687.1	678.3
20	685.2	703.1	716.7	720.6	722.3	720.5	717.4	713.5	705.9	698.1	686.9
21	691.6	695.5	700.5	703.1	704.3	703.7	700.8	698.2	688.7	677.2	660.4
22	693.2	698.5	704.4	706.7	707.9	706.6	703.4	699.5	689.2	677.7	655.3
23	649.8	660.4	670.1	675.2	677.9	680.5	680.1	677.2	670.8	661.5	648.9
24	647.7	658.2	664.8	669.0	670.8	672.4	670.6	667.6	661.7	653.5	643.1
25	638.6	646.7	657.3	666.7	675.6	682.2	685.5	687.3	684.7	680.7	674.9
26	631.4	644.1	657.7	665.3	674.3	680.6	683.7	684.9	682.3	678.0	671.3
43	634.7	634.7	635.0	634.9	635.1	635.3	635.1	635.0	634.6	634.2	633.4
44	743.4	752.0	759.3	765.3	770.1	771.6	771.2	769.0	764.9	760.1	754.5
67	618.7	628.6	641.2	652.4	662.9	668.7	672.9	673.6	671.4	665.8	657.8
68	616.8	631.9	647.0	654.6	665.3	671.5	674.8	674.7	671.8	666.0	657.6
85	814.1	817.4	819.9	820.6	819.4	816.5	811.2	804.2	794.3	781.8	768.0
86	779.5	800.3	818.9	835.4	850.7	862.8	871.6	877.8	882.0	885.0	886.6
87	707.9	733.1	757.5	780.9	803.5	825.7	846.0	863.7	881.5	896.5	909.5
88	649.0	669.5	692.1	711.8	728.6	746.5	765.8	784.9	806.8	828.7	850.4
89	586.3	601.6	613.5	634.5	656.0	673.9	691.9	708.7	727.7	747.4	767.0
90	591.7	606.3	616.6	634.5	654.3	671.4	689.6	707.7	727.6	747.4	766.7
91	591.5	604.5	613.8	633.1	652.9	670.1	688.1	706.4	727.1	747.9	768.4
921	913.5	882.7	852.2	820.4	787.7	754.3	721.7	690.2	657.7	627.5	602.3

Table LXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 262	R: 263	R: 264	R: 265	R: 266	R: 267	R: 268	R: 269	R: 270	R: 271	R: 272
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	686.3	718.0	748.6	779.7	811.7	844.4	876.5	905.6	936.8	966.5	995.2
93	620.5	641.1	665.2	690.3	716.7	743.9	771.3	796.9	825.0	852.4	879.5
94	688.5	716.0	744.7	774.1	804.9	836.4	867.3	895.9	926.3	955.4	983.5
95	637.9	657.3	679.2	696.9	713.3	731.3	750.7	769.9	791.6	813.6	835.3
125	672.8	679.9	686.0	690.6	693.6	693.3	690.0	682.5	670.5	654.7	642.3
126	671.0	680.1	686.9	691.3	694.4	693.6	690.3	682.9	671.3	656.5	643.0
128	975.6	963.9	953.4	942.6	932.4	921.7	911.4	902.3	892.6	883.1	875.2
132	526.2	541.9	557.1	572.9	589.2	606.7	624.6	643.1	664.4	684.0	702.3
201	1200.4	1179.9	1157.6	1131.8	1102.8	1070.6	1036.1	1002.5	963.7	923.7	883.7
202	1248.1	1238.4	1226.7	1211.3	1192.8	1170.8	1146.2	1121.5	1091.8	1060.4	1027.4
203	1257.1	1258.8	1258.4	1254.3	1247.1	1236.2	1222.0	1205.9	1185.5	1162.2	1136.5
204	1218.3	1232.8	1244.5	1252.6	1257.6	1259.0	1257.4	1252.5	1243.9	1231.2	1215.8
205	1128.2	1154.4	1177.8	1198.8	1217.3	1232.8	1244.5	1252.1	1256.9	1257.4	1255.1
206	1028.3	1060.3	1090.4	1118.8	1145.7	1170.3	1192.2	1209.3	1225.1	1237.1	1245.9
207	941.1	975.1	1007.1	1038.1	1068.9	1098.3	1125.4	1148.2	1170.7	1190.1	1207.1
208	880.1	914.1	946.5	978.5	1010.6	1041.9	1071.4	1096.9	1123.0	1146.3	1167.3
209	1096.4	1101.6	1105.3	1106.5	1105.2	1101.6	1095.6	1086.8	1074.4	1058.5	1040.2
210	1154.6	1163.0	1170.0	1174.1	1175.4	1174.2	1170.3	1163.5	1153.1	1138.6	1121.5
211	1201.2	1213.5	1223.4	1230.1	1234.1	1234.9	1232.6	1227.1	1217.7	1204.2	1187.8
212	1203.2	1217.1	1228.1	1235.7	1240.5	1241.3	1238.9	1233.5	1224.6	1212.0	1197.0
213	1158.7	1169.8	1178.8	1184.0	1186.5	1185.2	1180.5	1173.2	1162.9	1149.7	1134.3
214	1093.5	1102.4	1108.8	1111.6	1111.8	1107.7	1100.5	1091.6	1079.3	1065.1	1049.3
215	909.2	879.2	850.2	819.4	788.0	755.6	723.2	691.2	655.8	619.6	598.2
216	807.8	816.1	823.1	828.0	831.0	831.9	830.2	826.3	819.5	809.8	798.2
217	808.9	819.8	828.6	834.5	838.4	838.5	835.6	831.0	823.7	815.2	805.4
218	689.0	718.1	747.7	777.6	808.7	840.7	871.8	900.6	931.2	960.4	988.2
219	672.4	679.5	686.3	691.4	693.8	694.0	693.1	688.5	681.1	670.7	655.0
220	668.9	677.2	685.9	691.9	693.9	693.7	692.4	687.9	679.5	667.3	644.7
221	604.3	619.5	633.1	644.3	657.9	664.7	669.6	671.5	671.3	668.8	664.5
222	602.9	618.8	631.6	640.6	653.3	660.1	666.4	669.1	669.7	667.7	663.7
223	574.7	590.1	606.1	617.4	627.3	635.3	638.9	641.0	641.0	638.0	633.0
224	571.0	587.1	598.8	612.2	626.6	634.3	639.7	643.3	644.5	642.7	638.7
225	850.0	828.1	807.2	786.0	765.2	743.8	723.1	704.2	684.7	666.8	617.0
226	1008.4	977.8	947.8	915.4	881.6	846.4	810.9	777.6	741.1	705.5	672.2
227	1060.0	1030.8	1001.4	969.5	935.9	900.4	864.7	830.9	793.5	756.6	721.5
228	1128.9	1101.4	1073.4	1042.0	1008.1	971.6	933.4	897.0	855.9	814.1	771.8

Table LXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 262	R: 263	R: 264	R: 265	R: 266	R: 267	R: 268	R: 269	R: 270	R: 271	R: 272
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	764.4	797.6	829.8	862.4	895.5	928.7	960.9	989.8	1019.9	1048.3	1074.7
230	604.3	622.5	638.4	655.8	675.2	696.1	717.4	738.7	762.4	786.0	809.4
231	938.5	938.0	937.1	934.2	929.6	923.4	915.0	905.2	892.5	877.2	860.7
232	1043.5	1045.9	1047.2	1045.9	1042.6	1037.1	1029.2	1019.2	1005.9	989.1	970.4
233	1033.0	1038.6	1042.2	1042.2	1039.9	1033.7	1024.9	1014.8	1001.8	987.3	971.5
234	932.3	935.6	937.2	935.6	932.1	924.9	915.4	905.1	892.3	878.8	864.6
235	653.8	681.2	694.3	705.3	713.7	717.6	718.6	717.0	710.5	699.6	686.9
236	623.6	644.9	666.9	686.6	703.4	716.3	725.6	733.8	739.8	742.8	746.2
237	596.7	614.0	634.0	651.0	670.4	688.9	707.4	724.6	746.0	766.0	784.1
238	598.1	614.5	633.8	649.2	665.4	682.1	706.9	727.0	747.7	768.5	789.1
239	601.8	615.9	635.1	649.3	666.3	684.3	703.5	722.8	744.6	766.5	788.2
240	579.4	595.2	611.1	629.0	645.3	658.8	670.8	684.6	700.8	717.8	734.8
241	538.0	570.6	598.4	624.6	646.6	662.3	674.3	683.8	691.4	695.2	696.0
242	268.2	251.3	235.6	222.1	208.6	197.2	189.8	188.1	203.2	233.1	252.3
243	374.1	358.1	344.3	331.8	319.4	307.6	297.3	287.7	278.5	270.6	264.1
244	870.2	853.2	837.8	822.5	807.8	793.7	780.6	769.1	757.5	747.2	740.5
245	846.4	825.7	806.6	787.0	767.7	748.4	729.9	713.2	694.8	678.7	666.9
246	722.8	725.5	728.2	728.9	722.7	720.6	714.5	708.1	700.2	690.3	680.8
247	671.2	682.8	692.5	699.0	705.0	704.9	701.8	695.2	685.6	670.8	654.1
248	654.6	665.2	673.0	678.6	683.2	687.1	687.0	684.6	678.8	671.2	658.6
249	662.6	671.3	678.1	684.0	687.8	690.9	691.0	688.9	684.3	678.3	663.9
250	485.6	513.6	539.8	563.9	586.6	604.5	617.9	627.1	633.5	636.2	636.0
251	417.6	428.5	439.3	451.4	462.4	472.0	480.7	488.8	495.9	500.5	503.2
252	77.4	84.9	89.0	83.0	97.6	92.1	95.1	104.7	105.4	103.9	100.6

Table LXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 218	R: 219	R: 220	R: 221	R: 222	R: 223	R: 224	R: 225	R: 226	R: 227	R: 228
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	658.9	684.7	713.9	742.8	772.6	805.4	835.7	866.1	896.3	924.8	953.4
3	751.9	760.8	767.9	772.3	773.9	772.5	772.9	766.4	757.1	745.8	733.9
4	809.4	818.8	828.4	833.2	836.2	841.5	839.9	836.5	830.0	822.1	814.9
5	768.1	772.5	775.0	776.8	775.0	768.7	766.4	757.9	747.3	734.8	722.8
6	826.7	829.4	831.5	832.2	832.2	832.5	824.6	817.0	805.8	795.2	785.7
7	781.5	782.8	781.9	779.2	771.7	765.5	760.8	749.9	736.9	722.4	709.1
8	844.3	843.2	841.3	838.1	832.1	828.7	819.5	809.1	797.0	784.4	775.6
9	903.9	876.5	847.7	819.0	788.6	758.1	729.1	699.5	668.9	635.9	607.4
10	620.6	645.0	670.5	696.1	722.4	751.5	778.6	806.3	834.5	861.3	888.6
11	766.2	768.7	765.5	758.5	749.4	740.3	732.9	719.5	703.6	686.6	671.0
12	813.3	811.7	808.9	806.0	799.9	796.7	786.6	773.5	756.3	741.0	726.6
13	747.6	747.8	747.1	747.5	742.9	732.8	726.2	714.0	700.0	681.4	664.0
14	795.6	795.4	795.5	797.9	793.3	790.6	781.4	770.0	756.6	743.5	731.0
15	732.6	733.6	733.0	730.8	725.0	720.9	715.8	704.5	691.1	676.0	656.6
16	786.0	786.0	785.4	784.0	779.5	777.2	769.0	759.5	747.6	734.8	722.5
17	896.6	873.7	850.1	826.9	803.5	781.4	759.7	738.9	718.7	701.6	690.3
19	677.4	692.9	692.7	695.7	695.4	692.6	691.2	685.4	675.6	663.8	656.8
20	712.0	728.2	737.5	741.6	741.9	742.6	740.3	736.5	729.4	721.4	712.0
21	672.0	676.9	681.8	684.2	685.3	684.6	684.1	680.6	670.3	658.4	636.7
22	713.1	717.4	722.7	724.7	724.4	725.1	722.0	718.9	708.4	697.3	682.6
23	631.6	640.0	652.2	659.2	659.7	663.4	666.5	662.6	654.7	644.4	636.6
24	669.2	676.8	682.1	686.4	687.5	689.8	687.7	685.3	678.9	670.2	659.7
25	623.5	633.2	642.8	652.3	661.8	669.7	675.2	677.4	674.3	671.5	667.0
26	648.2	659.4	671.6	680.1	686.4	693.5	695.8	697.7	694.3	689.6	683.6
43	740.1	747.1	752.4	754.4	755.2	755.4	756.7	635.6	635.1	634.5	634.8
44	766.3	775.7	783.6	789.4	793.9	800.2	800.8	800.3	797.0	792.3	788.6
67	607.1	616.4	628.9	639.1	650.4	657.1	662.3	662.9	659.4	653.5	645.6
68	632.1	644.9	658.9	668.7	676.5	684.1	687.5	688.5	685.9	680.3	673.4
85	780.2	785.6	788.7	789.5	788.3	783.6	782.1	773.7	762.2	749.7	736.8
86	803.6	823.3	842.2	859.0	873.2	890.3	900.3	908.7	913.9	917.1	920.7
87	692.8	715.9	739.8	762.0	783.6	805.4	825.9	842.8	857.9	871.2	883.7
88	654.7	674.9	698.2	712.7	728.6	748.1	766.3	786.8	808.3	829.6	852.0
89	589.0	601.6	612.5	631.9	652.3	671.2	686.8	704.1	722.6	741.0	760.4
90	588.6	604.7	616.0	633.9	652.8	673.7	692.8	711.5	732.4	752.3	773.1
91	592.5	603.7	612.9	630.3	650.5	670.0	687.7	706.6	726.8	747.2	768.6
921	911.4	882.5	851.3	819.9	786.1	752.1	719.4	686.5	655.0	624.5	602.1

Table LXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 218	R: 219	R: 220	R: 221	R: 222	R: 223	R: 224	R: 225	R: 226	R: 227	R: 228
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	686.4	716.2	747.1	778.2	808.8	843.3	875.0	906.3	937.6	966.0	994.6
93	617.4	639.7	663.9	689.1	714.6	743.1	769.7	797.1	825.3	851.6	878.8
94	686.9	714.3	743.9	773.6	803.6	837.1	867.9	898.7	929.4	957.5	986.0
95	642.5	660.6	682.4	697.4	713.3	733.0	751.3	771.6	793.1	814.5	837.0
125	648.0	657.0	664.4	669.8	673.5	674.9	675.2	668.0	657.0	640.6	634.9
126	696.2	702.2	707.4	711.1	711.2	711.4	706.7	698.0	685.7	669.1	652.6
128	975.6	964.2	953.0	941.7	930.2	920.4	911.8	902.9	892.9	884.0	876.7
132	524.2	538.7	554.6	570.3	586.9	606.4	624.4	643.7	664.3	683.5	701.9
201	1200.3	1180.2	1157.0	1131.0	1101.1	1068.8	1035.4	1000.4	961.2	922.3	884.4
202	1247.6	1238.1	1225.2	1209.8	1190.2	1169.0	1145.7	1119.9	1089.2	1059.0	1029.0
203	1256.5	1258.0	1256.9	1252.6	1244.0	1234.4	1221.7	1205.0	1183.6	1161.0	1137.8
204	1216.9	1231.0	1242.1	1250.0	1253.7	1257.5	1256.9	1252.1	1242.3	1230.1	1216.8
205	1126.8	1152.2	1175.3	1195.8	1212.9	1231.0	1243.7	1252.0	1255.8	1256.3	1255.4
206	1026.5	1057.7	1087.7	1115.7	1140.9	1168.6	1191.2	1209.8	1224.9	1236.0	1245.8
207	940.6	973.1	1005.0	1035.8	1064.7	1096.6	1124.4	1149.0	1170.9	1189.3	1206.8
208	879.4	911.6	944.2	975.9	1006.4	1040.2	1070.2	1097.6	1123.2	1145.3	1166.7
209	1065.8	1072.8	1077.0	1078.3	1076.2	1070.8	1068.3	1059.0	1044.8	1029.6	1013.4
210	1130.3	1140.0	1147.3	1151.5	1151.8	1149.9	1149.0	1141.6	1129.7	1115.7	1100.7
211	1187.7	1200.2	1209.9	1216.5	1219.4	1220.9	1220.7	1215.1	1204.2	1191.4	1177.1
212	1214.6	1227.1	1236.8	1244.1	1247.1	1251.4	1249.5	1244.2	1234.2	1222.3	1209.3
213	1181.0	1190.5	1197.7	1202.5	1203.5	1206.6	1201.5	1194.5	1183.3	1170.6	1157.3
214	1124.3	1130.8	1135.2	1137.4	1135.9	1137.1	1129.5	1120.2	1107.4	1093.5	1079.4
215	908.1	879.3	849.0	818.1	785.2	751.6	720.4	688.1	655.2	621.0	603.0
216	776.0	785.5	792.9	798.0	800.2	799.4	800.8	795.3	786.5	776.2	765.1
217	840.4	849.4	857.2	862.8	865.2	870.4	868.0	864.0	857.1	848.8	841.2
218	685.6	713.2	743.3	773.1	803.5	837.1	867.9	898.4	928.5	956.4	984.3
219	654.6	662.2	668.8	673.3	674.7	675.5	675.6	670.0	661.9	650.7	629.0
220	687.3	694.6	703.2	709.0	710.4	712.3	712.1	708.5	700.8	690.0	676.1
221	591.1	605.5	621.3	632.8	647.0	654.7	660.4	662.3	661.5	659.0	655.1
222	618.2	631.3	645.1	653.4	663.8	672.5	678.2	681.2	681.6	679.3	675.9
223	563.1	579.6	594.0	608.2	617.7	625.3	629.9	631.0	629.6	626.4	621.2
224	583.8	598.1	611.6	622.0	634.7	645.9	651.2	655.8	657.5	656.3	653.5
225	851.7	830.5	808.2	786.5	763.7	742.4	723.1	703.5	683.8	665.8	615.5
226	1010.6	980.7	949.3	916.7	882.2	846.5	811.8	777.2	740.9	706.0	674.1
227	1061.8	1033.0	1002.6	970.4	935.8	900.1	864.8	829.6	792.2	756.1	722.7
228	1130.0	1103.0	1073.8	1042.3	1007.8	971.0	933.9	896.0	854.1	814.1	774.8

Table LXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 218	R: 219	R: 220	R: 221	R: 222	R: 223	R: 224	R: 225	R: 226	R: 227	R: 228
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	763.5	794.9	827.5	859.8	891.6	927.0	959.1	990.0	1020.1	1047.0	1073.7
230	607.7	623.1	637.9	655.3	674.4	696.4	717.3	739.3	762.3	785.3	809.5
231	901.9	904.2	904.1	901.8	896.7	888.0	884.2	873.3	859.4	844.3	829.1
232	1011.0	1015.3	1017.2	1016.4	1012.3	1004.8	1000.9	990.0	974.8	958.8	941.9
233	1066.3	1069.4	1070.8	1070.4	1066.3	1065.6	1056.1	1045.6	1031.9	1017.8	1004.0
234	969.1	969.6	968.9	966.5	961.2	959.1	949.0	937.9	924.8	911.0	898.2
235	648.0	668.7	680.6	690.0	695.4	698.0	700.0	694.0	683.4	669.5	656.0
236	622.6	641.5	660.5	678.2	689.0	700.3	710.2	715.2	716.9	718.7	718.7
237	598.2	615.8	634.3	650.0	665.8	684.0	700.1	721.4	738.3	755.1	772.9
238	599.7	615.5	634.0	647.7	663.5	687.1	704.9	723.4	742.7	762.3	783.1
239	600.6	614.3	634.8	649.5	665.0	684.4	702.7	722.5	743.3	764.6	787.1
240	579.5	593.5	609.5	625.9	643.4	659.0	670.7	684.7	700.5	716.5	733.9
241	551.6	577.6	605.8	626.5	644.8	658.7	667.9	674.3	677.4	677.7	675.6
242	273.8	261.5	245.9	233.3	221.3	218.5	217.9	216.7	216.3	223.7	240.8
243	375.1	360.2	345.1	331.8	318.3	306.6	296.2	286.1	277.1	266.4	258.8
244	871.1	854.4	837.9	822.2	806.2	792.7	780.4	768.3	756.1	745.4	739.3
245	848.0	827.8	807.2	787.1	766.3	747.2	729.8	711.8	693.5	676.7	667.0
246	697.7	702.3	706.2	703.2	699.4	697.6	695.3	687.7	677.5	668.5	660.6
247	656.3	667.2	675.7	681.8	685.3	684.4	682.0	674.3	661.9	644.0	626.6
248	633.0	644.2	655.1	661.0	665.0	671.5	674.5	673.0	667.6	661.2	651.1
249	682.6	689.8	696.1	701.0	703.0	706.0	704.9	702.6	696.3	688.6	674.4
250	448.4	477.3	508.6	535.8	561.9	583.0	600.5	612.4	620.1	625.0	627.8
251	400.7	411.9	425.2	437.3	448.8	457.4	468.8	477.2	483.5	488.0	491.5
252	70.2	83.2	87.5	81.2	94.3	90.9	94.0	105.6	106.1	103.3	100.0

Table LXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 207	R: 208	R: 209	R: 210	R: 211	R: 212	R: 213	R: 214	R: 215	R: 216	R: 217
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	**660.0**	688.4	716.6	746.3	776.6	806.5	836.2	864.5	895.2	923.8	951.2
3	**807.1**	816.7	824.1	828.8	831.6	830.9	828.9	823.8	815.8	807.6	797.7
4	**753.7**	766.2	773.0	777.7	781.1	783.4	781.7	777.9	770.8	762.5	751.6
5	827.8	831.0	832.8	832.4	831.9	826.3	820.2	812.2	801.6	791.9	780.8
6	766.7	771.8	774.8	776.4	777.6	775.8	768.7	762.3	750.8	740.3	727.9
7	842.6	841.5	839.6	834.7	828.9	820.9	811.6	801.1	787.1	775.6	762.2
8	783.0	784.7	784.4	781.9	778.1	773.6	766.4	757.8	746.1	734.5	723.0
9	899.8	873.0	845.3	816.2	788.2	759.6	729.9	702.1	670.0	639.5	609.1
10	623.0	648.8	673.1	698.9	725.7	752.5	779.2	805.1	833.6	860.6	886.7
11	809.4	810.7	808.8	803.5	797.5	790.1	781.1	769.1	752.3	739.3	722.9
12	769.9	768.1	764.1	758.5	751.6	745.2	734.8	721.8	704.9	689.2	671.4
13	794.6	794.8	794.3	794.4	791.8	784.2	775.5	766.7	752.5	742.0	728.5
14	746.3	747.1	749.8	748.8	744.6	738.9	729.6	717.7	702.8	688.4	669.1
15	782.1	782.1	781.1	778.1	774.6	768.5	760.5	750.3	738.2	727.6	714.5
16	731.4	733.6	734.3	732.8	730.1	726.7	719.8	710.2	698.1	684.7	667.6
17	893.9	871.2	847.5	823.7	801.7	779.6	757.6	737.7	717.1	701.5	688.5
19	720.7	734.7	733.9	736.2	737.0	733.2	729.3	724.9	717.6	707.9	698.5
20	663.7	683.2	697.6	700.8	702.4	702.3	699.0	696.5	687.8	680.0	669.0
21	708.9	713.6	718.8	721.0	722.0	720.0	717.1	714.6	704.9	695.1	680.0
22	677.3	682.8	688.2	689.9	691.2	691.7	689.4	685.5	675.0	664.1	629.3
23	667.2	677.4	685.8	690.6	693.7	693.9	693.6	690.8	684.5	676.7	665.3
24	623.6	634.7	646.6	653.2	654.1	658.2	657.3	654.5	649.0	642.9	634.0
25	652.0	661.4	672.5	681.0	688.9	693.3	696.3	697.2	694.4	690.7	684.4
26	619.7	631.3	647.3	652.6	664.3	671.5	674.8	676.1	673.5	670.2	664.1
43	779.1	788.3	796.2	801.1	804.5	805.3	805.9	803.7	799.2	794.6	788.4
44	723.6	730.1	736.1	741.5	744.0	746.4	745.9	743.5	738.9	733.6	725.9
67	630.5	641.4	654.8	665.3	675.4	679.5	684.3	684.5	682.6	678.2	670.7
68	607.6	621.7	638.7	643.1	657.4	663.0	665.5	665.2	661.8	656.2	647.8
85	842.8	847.2	849.9	850.2	849.0	844.6	839.3	830.9	820.0	809.4	797.8
86	758.8	778.1	795.5	810.6	824.1	836.5	845.2	851.6	855.8	858.0	857.4
87	718.3	746.1	772.3	797.4	821.6	843.1	864.0	881.9	900.0	915.5	929.4
88	642.2	662.2	684.8	703.5	723.4	744.0	763.2	781.8	801.4	819.8	837.4
89	580.3	599.3	613.7	636.0	657.8	676.3	694.0	712.1	732.7	751.1	770.5
90	593.0	607.4	617.5	636.3	653.3	669.8	686.2	702.9	721.8	740.6	759.1
91	588.0	603.4	613.5	634.4	653.6	670.6	687.7	705.4	726.0	745.9	766.1
921	912.3	883.0	852.8	820.0	787.8	756.4	723.4	693.1	657.4	627.6	605.9

Table LXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\beta = -2.0°$, $M_\infty = 1.10$, $q_\infty = 500.0$
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 207	R: 208	R: 209	R: 210	R: 211	R: 212	R: 213	R: 214	R: 215	R: 216	R: 217
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	686.7	718.0	749.7	780.7	812.0	843.5	874.7	904.2	935.5	964.8	992.2
93	620.1	641.1	666.2	691.4	717.5	743.7	770.1	795.8	823.9	850.9	877.0
94	685.6	715.0	744.0	773.6	803.8	834.1	864.0	892.5	923.1	951.6	978.6
95	632.3	651.1	673.3	691.0	710.0	729.8	748.6	767.1	787.5	806.9	825.5
125	694.0	701.1	706.4	710.0	711.0	708.6	704.3	695.8	682.5	667.9	650.5
126	650.5	660.6	667.7	672.8	676.7	679.4	678.1	672.1	661.0	648.1	639.9
128	975.6	964.8	953.5	942.2	932.9	923.8	914.2	905.3	895.0	886.4	878.2
132	526.2	542.8	558.2	573.7	590.1	606.9	623.9	642.1	663.5	682.6	700.4
201	1199.2	1179.4	1156.1	1129.5	1101.8	1071.4	1037.2	1003.4	963.5	926.2	887.8
202	1247.2	1238.3	1225.6	1209.6	1192.0	1171.6	1147.5	1122.1	1091.4	1061.9	1030.7
203	1256.6	1258.9	1258.0	1253.0	1246.3	1236.5	1222.5	1206.0	1184.6	1162.9	1138.7
204	1218.1	1233.2	1245.1	1252.4	1257.3	1259.4	1257.7	1252.6	1243.1	1231.9	1217.3
205	1127.6	1154.6	1178.5	1198.9	1217.0	1232.5	1244.1	1251.8	1256.1	1257.3	1255.2
206	1028.3	1060.9	1091.9	1119.8	1145.9	1169.9	1191.4	1208.8	1224.4	1236.6	1245.4
207	941.9	975.8	1009.1	1039.4	1069.4	1097.9	1124.5	1147.6	1170.0	1189.5	1205.7
208	880.8	914.6	948.0	979.8	1011.0	1041.3	1070.2	1095.9	1122.1	1145.1	1165.3
209	1121.4	1128.2	1132.2	1132.6	1131.2	1127.4	1120.3	1109.9	1096.4	1082.7	1066.9
210	1173.8	1183.9	1191.0	1194.4	1195.6	1194.6	1189.7	1181.5	1170.0	1157.4	1142.5
211	1211.7	1224.9	1235.0	1241.0	1244.8	1246.1	1243.2	1236.8	1226.6	1214.9	1200.2
212	1192.3	1206.3	1217.3	1224.4	1229.0	1231.2	1229.2	1224.2	1214.5	1203.1	1188.3
213	1138.8	1150.1	1158.6	1163.1	1165.9	1166.1	1162.2	1155.9	1145.0	1132.3	1116.5
214	1066.7	1075.5	1081.0	1083.3	1083.8	1081.8	1075.9	1068.2	1055.7	1041.7	1024.9
215	910.3	881.0	850.9	819.0	788.2	756.7	723.9	693.2	657.2	624.1	598.1
216	834.3	844.0	851.8	856.8	860.0	859.8	858.4	853.5	846.0	838.3	829.0
217	782.7	792.8	800.5	805.4	808.6	810.4	808.3	804.4	796.7	787.7	776.2
218	688.9	719.8	749.9	780.7	811.9	843.0	873.4	902.1	933.0	961.4	988.3
219	688.5	696.4	703.6	708.5	711.5	710.4	710.1	705.8	698.2	689.8	676.5
220	653.8	663.1	670.9	675.8	677.6	678.8	677.4	672.7	663.2	651.4	624.8
221	617.4	633.7	645.8	657.4	669.0	674.5	679.7	681.1	680.7	678.7	674.3
222	591.2	608.7	619.4	631.4	644.4	652.4	657.9	660.3	660.7	659.1	655.5
223	586.6	601.1	616.0	627.4	637.9	645.1	649.1	651.3	651.6	649.9	645.4
224	561.5	578.1	589.8	605.6	617.2	626.5	631.1	633.9	634.2	632.5	628.5
225	848.8	827.3	805.6	783.3	762.7	742.7	722.7	704.5	683.7	668.5	623.3
226	1005.8	976.1	944.3	911.1	879.0	845.5	810.1	777.0	739.8	706.6	674.1
227	1058.1	1029.5	998.7	965.9	934.0	900.5	864.8	831.0	792.8	758.5	724.4
228	1127.0	1100.5	1070.5	1038.3	1006.4	971.7	934.1	897.3	855.0	815.5	775.3

Table LXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 207	R: 208	R: 209	R: 210	R: 211	R: 212	R: 213	R: 214	R: 215	R: 216	R: 217
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	764.9	797.9	831.1	863.5	895.9	928.0	959.3	988.4	1018.7	1046.6	1071.9
230	609.9	622.3	635.8	655.7	676.8	697.4	717.9	738.4	762.1	784.6	807.4
231	969.1	970.0	968.9	965.3	960.3	953.3	944.1	932.6	918.5	905.5	891.1
232	1070.9	1074.8	1076.0	1074.2	1070.6	1064.7	1056.0	1044.2	1029.6	1015.3	999.2
233	1004.2	1009.6	1012.0	1011.6	1009.8	1006.0	998.4	989.6	976.3	962.0	945.0
234	900.8	904.0	904.7	902.9	899.7	895.2	887.4	878.4	865.8	852.3	836.7
235	662.7	688.3	707.4	719.3	730.0	734.9	737.4	737.1	732.5	724.8	714.6
236	622.6	647.3	671.6	692.3	713.3	728.2	740.6	749.3	757.7	763.4	766.4
237	591.2	610.7	631.5	651.6	671.6	692.9	712.1	731.0	751.2	771.4	791.5
238	593.4	610.9	630.8	648.8	667.6	686.3	704.5	723.8	751.2	771.7	792.1
239	597.9	613.1	632.8	648.9	666.7	685.3	703.8	722.6	744.4	765.4	786.6
240	576.9	593.3	610.1	629.4	645.8	659.0	670.5	683.6	700.2	716.8	733.7
241	525.7	560.1	593.9	618.9	646.8	665.0	679.2	691.4	702.3	709.4	712.7
242	272.0	255.3	242.2	227.9	215.3	209.9	208.4	209.2	210.7	219.5	236.0
243	373.5	358.2	344.7	330.8	318.0	307.3	296.8	288.4	278.4	270.7	262.6
244	868.6	852.2	836.0	819.9	806.1	793.0	780.2	768.9	756.7	747.1	739.6
245	844.7	824.7	804.6	784.1	765.6	747.6	729.6	712.9	694.4	679.1	668.0
246	744.7	747.4	749.9	750.9	743.7	739.4	734.0	727.0	718.9	709.7	701.0
247	684.7	697.7	708.2	714.9	723.1	722.5	720.3	714.9	704.9	693.9	679.1
248	674.0	683.6	690.7	695.2	699.2	699.9	699.5	695.9	689.3	681.9	668.6
249	646.1	655.8	663.6	668.9	673.2	679.2	680.7	679.7	676.0	671.8	659.4
250	518.4	545.2	569.3	590.8	609.5	621.9	633.2	640.0	644.6	646.1	644.4
251	435.4	444.7	455.0	466.0	476.8	485.6	492.9	500.5	507.6	512.4	514.9
252	70.5	85.6	80.4	84.3	98.0	91.2	93.6	103.4	104.1	102.4	107.8

Table LXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 233	R: 234	R: 235	R: 236	R: 237	R: 238	R: 239	R: 240	R: 241
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	679.7	709.4	739.9	770.2	799.4	828.9	858.4	888.5	917.7
3	709.2	714.6	718.5	718.9	715.1	707.8	700.1	689.0	677.5
4	870.3	882.1	890.0	896.4	900.6	900.6	897.3	892.6	887.2
5	717.2	725.0	725.7	720.5	714.2	707.6	696.5	685.4	674.2
6	884.6	888.9	890.2	893.2	891.5	884.7	876.2	865.5	856.4
7	724.7	724.6	721.4	716.2	711.4	701.2	690.2	678.8	666.5
8	898.5	898.4	895.3	891.9	886.3	876.7	864.9	852.8	841.4
9	863.5	838.3	809.8	780.5	749.4	717.5	687.8	657.3	626.1
10	640.8	666.5	693.2	719.9	745.8	772.3	799.3	827.3	854.9
11	735.9	731.4	718.3	715.7	705.4	687.8	677.6	668.3	660.7
12	856.0	856.6	855.0	854.5	851.1	843.7	831.8	818.4	803.3
13	708.2	713.6	709.0	703.5	696.4	681.2	668.6	658.0	648.6
14	843.5	845.6	848.7	848.5	845.2	838.1	826.3	815.6	804.3
15	691.2	691.2	686.8	683.2	676.4	665.6	654.4	641.4	628.8
16	837.5	838.5	836.8	835.3	831.1	823.2	812.8	801.3	790.1
17	863.0	838.5	815.2	792.5	769.2	746.4	726.8	708.0	692.1
19	652.6	660.1	662.6	660.9	658.5	649.8	642.0	628.3	620.8
20	771.7	780.1	785.5	788.0	788.2	786.6	781.5	775.4	769.3
21	645.7	651.2	653.3	654.9	652.3	648.7	645.9	638.9	609.4
22	753.5	759.8	762.3	764.3	764.3	760.9	757.2	749.0	739.5
23	605.4	615.0	628.4	629.1	623.8	621.1	623.3	618.7	612.1
24	710.2	717.0	721.1	724.2	724.9	722.7	719.4	713.7	706.1
25	611.9	620.7	631.5	641.4	650.6	652.7	656.1	654.6	652.9
26	691.2	702.6	710.6	717.0	720.9	722.1	721.9	718.9	714.3
43	634.5	635.7	636.1	636.6	635.8	634.9	634.3	634.0	633.9
44	816.8	830.2	839.0	847.4	854.4	857.7	858.5	857.7	855.8
67	600.8	610.8	621.2	630.2	640.4	638.6	638.2	633.0	636.3
68	673.2	686.4	697.3	705.7	710.6	715.0	715.8	714.2	710.5
85	726.9	720.1	731.4	730.0	724.3	711.7	707.8	696.4	684.7
86	864.4	887.3	907.3	926.0	942.0	954.6	963.8	971.8	978.0
87	686.7	707.7	728.5	746.9	762.2	776.5	790.4	802.7	814.6
88	679.7	691.4	708.0	726.1	744.5	763.4	783.5	804.9	826.8
89	599.0	610.1	624.3	642.9	658.1	672.6	688.4	705.2	722.5
90	592.7	612.7	631.4	651.3	671.3	691.7	712.8	735.6	759.1
91	601.0	614.2	629.4	647.0	665.1	682.3	699.8	719.9	740.5
921	870.1	840.0	808.9	777.4	743.6	708.6	676.1	643.1	614.7

Table LXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 233	R: 234	R: 235	R: 236	R: 237	R: 238	R: 239	R: 240	R: 241
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	711.4	743.4	776.1	807.7	838.2	869.0	899.3	930.0	959.3
93	636.3	660.4	686.4	712.6	737.7	763.8	790.6	818.3	845.7
94	711.3	742.3	774.1	805.4	835.5	866.0	896.1	926.7	956.1
95	663.9	675.6	692.4	710.5	729.0	748.1	768.3	789.8	811.9
125	617.2	627.5	635.0	642.1	644.2	641.7	636.7	625.9	620.7
126	744.1	748.5	750.4	750.9	748.3	739.8	728.7	714.4	698.3
128	952.6	943.3	933.8	924.4	914.2	903.3	893.9	884.8	876.8
132	540.2	556.3	573.0	589.4	605.5	622.4	640.3	659.3	678.0
201	1164.7	1143.6	1118.3	1090.1	1056.9	1020.7	985.4	948.1	912.0
202	1221.9	1211.5	1196.9	1179.0	1155.9	1129.5	1103.3	1074.4	1046.2
203	1242.9	1243.6	1240.7	1234.0	1221.7	1205.7	1188.6	1168.4	1148.3
204	1216.7	1229.6	1239.5	1245.0	1245.3	1241.2	1235.7	1226.8	1216.4
205	1139.8	1164.3	1186.8	1205.4	1219.1	1228.9	1236.3	1240.5	1242.5
206	1047.4	1078.7	1108.7	1135.7	1158.5	1178.4	1196.0	1211.0	1223.7
207	964.3	997.5	1030.1	1060.5	1088.0	1113.2	1136.7	1158.3	1177.9
208	904.2	937.9	971.5	1003.4	1032.5	1060.4	1086.8	1112.0	1135.2
209	1010.3	1014.5	1016.8	1015.4	1008.9	1000.3	991.2	978.0	964.3
210	1086.7	1094.6	1099.8	1101.2	1097.3	1090.9	1083.9	1072.6	1060.3
211	1164.3	1175.3	1183.3	1187.4	1186.0	1181.5	1175.4	1165.3	1154.3
212	1235.2	1247.3	1256.0	1261.1	1261.3	1257.3	1250.9	1242.1	1231.9
213	1218.3	1228.6	1235.1	1238.6	1237.6	1231.9	1223.5	1213.3	1202.3
214	1174.7	1182.5	1186.0	1187.6	1184.7	1176.8	1165.9	1154.2	1142.0
215	863.2	834.8	804.2	772.7	739.4	705.1	672.4	637.6	611.3
216	727.9	736.9	741.4	742.7	737.5	733.5	727.0	717.2	707.0
217	902.7	913.6	921.0	927.4	930.9	930.1	925.9	920.6	914.6
218	705.0	735.1	766.1	796.6	826.0	855.3	884.5	913.8	942.2
219	635.0	641.9	643.5	645.1	643.5	639.5	635.4	625.0	598.0
220	729.5	738.7	745.3	750.8	753.3	752.8	749.7	744.1	736.2
221	588.3	602.2	617.5	629.5	639.3	641.3	642.2	642.2	641.2
222	659.4	671.0	681.5	689.7	696.6	703.0	704.2	704.6	703.2
223	564.4	581.0	593.1	604.4	609.7	609.8	608.8	606.9	603.4
224	621.8	637.0	647.7	659.3	669.4	676.5	680.9	683.7	684.4
225	818.9	798.3	776.9	755.7	733.2	710.9	690.8	672.6	649.4
226	971.8	942.5	909.9	876.2	840.0	802.7	768.4	734.1	702.3
227	1020.1	991.3	959.0	925.6	889.5	852.5	818.1	782.7	749.7
228	1090.1	1063.4	1032.3	999.2	961.8	922.3	884.1	844.5	806.5

Table LXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α 0.0° R: 233 Pi	2.0° R: 234 Pi	4.0° R: 235 Pi	6.0° R: 236 Pi	8.0° R: 237 Pi	10.0° R: 238 Pi	12.0° R: 239 Pi	14.0° R: 240 Pi	16.0° R: 241 Pi
229	789.0	822.6	856.7	889.5	920.7	951.3	981.3	1010.8	1038.5
230	620.3	633.4	651.9	671.8	691.3	711.7	733.0	756.2	779.8
231	836.2	836.3	835.1	830.7	822.1	812.0	801.9	788.7	775.6
232	951.2	953.1	953.2	949.7	941.6	931.4	921.0	906.8	892.0
233	1120.7	1125.3	1125.9	1125.1	1120.7	1111.1	1099.1	1086.4	1073.9
234	1028.3	1030.6	1028.7	1026.5	1021.2	1011.1	998.6	985.8	973.5
235	647.8	658.5	663.7	664.7	660.4	651.9	641.0	620.2	608.8
236	633.0	649.2	659.0	665.6	668.3	667.9	668.1	663.1	659.6
237	614.7	632.0	641.6	657.7	671.6	684.1	697.6	711.6	726.6
238	609.4	632.0	647.3	661.1	675.1	690.4	706.9	724.8	743.7
239	613.0	630.2	646.4	662.2	678.5	696.2	715.2	735.8	757.2
240	582.9	599.4	610.4	631.2	655.2	662.9	675.4	690.2	706.3
241	590.6	610.3	625.6	641.0	646.4	646.1	644.4	637.9	631.5
242	324.3	310.8	296.8	284.1	273.1	261.9	251.8	242.6	234.7
243	352.7	338.1	324.0	310.5	297.3	283.9	272.8	262.6	253.9
244	843.8	828.2	812.4	797.1	781.2	766.0	753.5	741.9	733.5
245	816.5	797.3	777.3	757.6	736.8	716.1	697.6	679.5	665.2
246	669.1	668.1	663.2	663.2	658.4	654.8	644.5	636.0	631.7
247	642.2	650.0	654.0	654.4	649.3	640.9	629.1	619.4	582.7
248	609.1	622.2	637.6	637.8	639.4	648.6	649.5	649.1	637.2
249	725.4	732.1	735.5	737.9	737.7	734.3	728.9	720.8	711.8
250	421.3	455.2	488.4	518.0	544.4	562.4	577.3	589.8	598.7
251	388.2	402.2	416.1	428.9	435.4	444.6	452.3	459.0	464.6
252	78.2	83.3	88.8	92.9	95.0	96.6	97.0	106.9	105.0

Table LXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 249	R: 250	R: 251	R: 252	R: 253	R: 254	R: 255	R: 256	R: 257	R: 258	R: 259	R: 260	R: 261
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	773.1	776.3	777.6	777.8	777.4	776.8	776.4	776.6	774.4	773.2	773.5	772.1	767.0
3	887.4	860.9	847.0	832.2	817.1	810.3	801.7	795.1	787.4	778.5	762.2	749.2	720.2
4	724.2	752.7	768.3	783.3	797.7	802.8	809.7	816.1	823.4	833.1	850.5	864.5	893.9
5	887.9	861.4	847.5	832.6	817.5	810.7	802.2	795.4	788.1	779.4	763.2	750.4	721.9
6	722.5	750.2	765.1	779.7	793.9	798.8	805.6	811.6	819.4	829.5	846.5	860.8	890.8
7	879.4	853.4	839.6	825.3	810.6	803.9	795.5	788.8	781.4	772.5	756.0	743.2	715.3
8	723.5	750.3	765.4	780.0	794.0	798.8	805.1	811.0	818.9	828.8	845.7	859.8	889.5
9	777.3	784.6	788.0	789.2	788.3	787.5	787.2	786.9	788.9	789.1	786.9	786.0	780.9
10	722.1	725.4	726.6	726.8	726.3	725.8	725.3	725.5	723.5	722.6	722.9	721.5	716.9
11	846.3	823.0	810.9	798.0	785.0	779.0	771.6	766.0	760.1	753.2	740.2	730.5	715.1
12	705.3	727.9	740.8	753.5	765.6	769.8	775.5	780.8	787.8	796.4	811.7	824.6	852.2
13	841.8	819.4	806.2	792.8	779.3	772.8	765.6	759.8	753.7	747.4	733.4	723.4	704.1
14	698.5	720.9	733.7	746.3	758.5	762.8	768.8	774.1	781.1	790.2	805.5	818.5	846.3
15	822.2	799.4	787.6	775.1	762.3	756.6	749.1	743.2	736.8	729.1	715.3	704.9	683.8
16	681.9	705.6	718.8	731.8	744.4	748.8	754.7	760.1	767.2	776.2	791.9	805.0	833.0
17	785.9	796.4	802.0	802.8	802.9	801.9	801.4	801.5	803.5	804.2	802.6	801.0	792.4
19	779.5	758.8	748.6	737.6	726.6	721.6	715.4	710.7	705.4	699.3	688.2	679.7	661.4
20	665.5	684.0	694.0	703.9	713.6	717.0	721.9	726.2	731.5	739.0	751.5	762.5	785.9
21	759.1	741.3	732.3	722.8	713.0	708.4	703.0	698.9	694.2	688.9	679.1	671.6	654.9
22	662.4	676.4	684.7	692.7	700.6	703.3	707.3	710.8	715.3	721.3	732.2	741.7	762.1
23	726.2	710.1	702.4	694.1	685.3	681.4	676.3	672.5	667.9	662.5	653.1	644.4	629.0
24	626.5	638.4	646.8	655.5	663.7	666.5	670.7	674.3	678.4	684.1	694.3	703.1	721.8
25	716.0	702.6	696.4	689.5	682.1	679.0	674.8	671.9	667.7	663.3	656.8	651.4	640.4
26	646.4	655.3	660.7	665.6	670.1	671.7	674.3	676.8	679.1	683.3	691.5	698.8	714.5
43	634.9	635.6	636.1	636.0	635.4	634.9	634.3	634.4	634.3	634.5	634.8	635.3	635.5
44	691.0	717.9	732.3	745.9	758.8	763.5	769.9	775.6	782.2	790.9	806.5	819.1	845.1
67	701.2	688.5	682.7	676.1	669.2	666.2	662.3	659.8	655.7	651.6	645.3	639.8	629.9
68	640.8	648.7	654.0	658.5	662.2	663.5	665.4	667.7	669.6	673.3	681.0	687.9	703.1
85	908.0	879.5	865.0	849.3	833.4	826.6	817.4	810.2	802.3	792.4	775.6	761.8	731.4
86	769.7	797.9	812.5	826.3	839.6	844.4	850.9	857.0	862.8	871.4	886.7	898.9	923.0
87	852.6	838.8	831.2	822.5	813.0	808.9	803.3	799.4	793.3	786.8	776.8	767.4	745.3
88	702.4	714.4	720.2	725.1	729.2	728.8	728.7	729.1	728.4	728.0	728.7	728.2	722.2
89	654.6	657.7	658.8	658.9	658.0	657.2	656.1	655.7	653.7	652.2	651.0	648.0	640.2
90	646.7	651.4	653.3	654.4	655.4	654.9	654.3	654.1	652.4	651.9	652.4	651.6	648.3
91	650.4	654.0	654.2	654.7	654.7	653.9	653.1	652.8	651.2	650.0	649.4	647.7	644.0
921	773.9	781.6	783.9	789.5	790.7	788.6	784.3	782.6	785.3	786.1	783.3	785.2	777.2

Table LXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 249	R: 250	R: 251	R: 252	R: 253	R: 254	R: 255	R: 256	R: 257	R: 258	R: 259	R: 260	R: 261
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	808.1	811.7	813.0	813.4	813.0	812.7	812.3	812.8	810.6	810.0	810.3	808.9	804.0
93	713.7	717.1	718.3	718.6	718.0	717.6	717.1	717.4	715.5	714.8	715.0	713.7	709.1
94	796.8	801.8	803.9	805.2	805.6	805.5	805.6	806.4	804.6	804.3	805.7	805.1	801.9
95	692.2	702.7	707.5	711.4	713.9	713.6	713.5	713.9	713.0	712.8	713.5	713.0	706.7
125	747.3	730.1	721.2	711.8	702.2	697.8	692.4	688.1	683.0	677.4	667.3	659.6	642.2
126	645.5	659.9	669.1	678.0	686.7	689.8	693.8	697.4	701.9	707.5	718.8	728.3	748.5
128	928.1	931.2	932.8	934.0	932.1	931.1	930.6	930.3	930.9	931.0	927.7	925.8	922.8
132	589.1	590.1	591.0	590.8	590.4	589.9	589.4	589.2	588.0	587.5	588.4	588.4	588.4
201	1090.1	1098.9	1102.0	1103.2	1102.2	1100.7	1099.7	1099.2	1100.7	1099.9	1097.6	1096.4	1090.1
202	1179.9	1189.0	1192.3	1193.5	1192.7	1191.4	1190.2	1189.7	1190.5	1189.3	1187.4	1185.5	1178.2
203	1234.2	1243.0	1246.6	1247.8	1247.3	1246.2	1244.8	1244.4	1244.6	1243.8	1242.1	1240.2	1232.3
204	1247.3	1255.2	1258.2	1259.0	1258.5	1257.4	1256.0	1255.9	1255.2	1254.5	1253.2	1250.8	1242.5
205	1207.3	1215.0	1217.7	1218.8	1218.5	1217.6	1216.6	1216.5	1215.0	1214.3	1213.2	1210.7	1202.2
206	1138.6	1144.7	1146.8	1147.4	1147.1	1146.4	1145.4	1145.5	1143.6	1142.9	1142.0	1139.9	1131.8
207	1063.0	1068.3	1070.2	1070.8	1070.4	1069.8	1069.1	1069.3	1067.1	1066.6	1065.9	1063.8	1056.6
208	1006.0	1010.6	1012.2	1012.5	1012.1	1011.6	1010.9	1011.1	1008.9	1008.2	1008.0	1006.1	999.3
209	1177.3	1156.6	1145.5	1132.0	1117.8	1111.4	1102.8	1096.2	1088.8	1078.6	1062.9	1048.6	1015.6
210	1228.1	1214.7	1206.9	1196.6	1185.4	1180.2	1173.2	1168.0	1162.0	1153.7	1140.9	1129.0	1100.5
211	1256.7	1253.6	1251.0	1245.8	1239.9	1236.6	1232.4	1229.2	1225.9	1220.6	1213.1	1205.4	1185.8
212	1196.9	1215.7	1224.3	1231.0	1236.2	1237.7	1239.3	1241.6	1243.8	1247.2	1251.8	1255.0	1258.1
213	1114.5	1142.5	1155.7	1167.7	1178.1	1181.2	1185.6	1190.3	1195.5	1202.5	1212.8	1220.9	1235.1
214	1019.8	1053.3	1070.1	1086.0	1100.0	1104.5	1111.0	1117.2	1124.5	1134.0	1149.0	1161.0	1183.8
215	782.8	787.6	789.0	789.1	787.1	785.9	785.1	785.1	786.8	785.6	782.1	780.4	773.2
216	917.4	889.9	875.8	860.6	844.9	838.0	829.0	822.1	814.1	804.4	787.7	774.0	743.4
217	748.9	779.4	795.1	810.6	825.6	830.8	838.1	844.7	852.3	863.1	880.2	894.7	924.6
218	812.7	814.1	814.2	813.2	811.5	810.6	809.5	809.2	806.4	804.7	803.5	800.8	793.3
219	748.1	730.2	721.6	712.1	702.3	698.0	692.5	688.4	683.6	678.0	668.5	661.1	644.7
220	648.4	662.7	671.0	679.1	686.8	689.6	693.5	697.3	701.4	707.1	718.1	727.8	748.5
221	691.5	680.5	675.6	669.8	663.7	660.9	657.2	654.8	651.6	648.4	643.7	638.8	628.1
222	626.7	636.0	641.5	645.6	649.8	651.3	653.4	655.5	657.6	660.7	667.6	673.5	687.4
223	660.1	650.7	645.4	638.5	632.5	629.9	626.8	624.9	621.9	619.3	615.8	612.4	603.0
224	602.4	611.6	614.7	618.4	622.2	623.5	626.2	628.7	629.5	631.8	638.9	643.6	656.6
225	751.4	758.9	762.3	763.7	763.4	762.9	762.8	763.0	764.6	764.9	762.9	761.8	755.6
226	865.1	874.6	878.4	880.2	879.8	878.9	878.9	878.8	881.4	881.4	879.0	878.7	876.4
227	922.4	930.5	934.0	935.2	934.7	933.4	933.0	932.8	935.0	934.8	933.1	932.4	926.0
228	993.7	1002.5	1006.3	1007.6	1006.9	1005.7	1005.2	1004.8	1006.9	1006.0	1004.6	1003.9	999.6

Table LXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 249	R: 250	R: 251	R: 252	R: 253	R: 254	R: 255	R: 256	R: 257	R: 258	R: 259	R: 260	R: 261
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	892.4	896.1	897.2	897.4	897.0	896.5	896.0	896.3	894.0	893.2	893.3	891.5	885.7
230	671.7	676.2	677.7	678.0	677.0	676.2	675.7	675.7	674.3	673.8	674.2	673.6	669.5
231	1020.2	992.1	977.2	960.8	944.3	936.9	927.1	919.4	911.1	900.4	881.8	866.6	832.1
232	1122.6	1098.7	1085.9	1071.1	1056.2	1049.2	1040.1	1032.9	1025.3	1014.6	998.0	983.5	950.3
233	944.6	978.6	995.7	1012.2	1027.3	1032.0	1039.0	1045.7	1053.9	1064.6	1081.0	1094.6	1121.8
234	832.8	866.5	884.5	902.1	918.3	923.7	931.2	938.3	947.2	958.4	976.8	992.1	1023.4
235	760.7	746.4	739.1	730.7	721.7	717.8	712.6	708.8	703.8	698.0	688.8	681.3	664.5
236	727.9	722.6	719.1	714.0	708.5	706.2	702.8	700.0	695.8	690.8	684.1	678.2	664.5
237	670.9	673.2	673.8	672.7	672.1	671.5	670.6	669.9	667.7	666.0	663.9	660.7	654.1
238	662.3	666.5	668.3	668.7	667.6	666.6	665.5	664.7	662.8	662.5	666.4	664.6	658.3
239	657.8	664.6	668.2	668.5	667.6	667.0	666.6	666.6	665.2	664.6	664.4	663.4	660.0
240	631.6	647.8	647.2	646.7	646.3	645.7	644.9	644.5	644.4	644.8	648.3	645.1	629.0
241	636.1	644.5	647.6	647.9	647.6	647.1	646.6	646.6	645.6	645.4	646.2	645.6	638.8
242	277.8	258.5	237.9	218.2	207.9	205.5	204.7	205.4	208.3	212.8	233.4	252.7	280.4
243	307.1	313.2	316.5	318.2	317.9	317.7	317.7	317.5	318.4	319.1	317.2	314.8	309.2
244	793.7	802.0	805.6	807.1	807.0	806.3	806.0	806.0	807.0	807.1	805.3	803.2	796.3
245	752.8	761.4	765.0	766.6	766.6	765.8	765.7	765.8	767.3	767.4	765.3	763.6	757.4
246	787.9	765.8	755.4	744.3	732.8	727.7	720.9	715.8	710.1	702.9	691.7	682.8	663.5
247	757.8	742.0	733.4	723.9	713.9	709.4	703.8	699.5	694.5	688.9	678.8	671.1	654.3
248	731.1	715.4	708.0	699.7	690.9	687.1	682.0	678.1	673.3	667.7	658.9	651.7	637.1
249	646.7	659.3	667.2	674.7	681.6	684.0	687.6	690.8	694.5	700.0	709.5	717.9	735.5
250	649.3	629.9	620.5	609.9	598.3	593.3	586.2	580.7	572.9	565.1	553.3	541.9	517.2
251	509.5	493.0	485.2	477.1	469.4	466.1	462.0	459.0	454.9	450.9	445.0	440.0	429.0
252	93.4	97.6	99.0	99.4	99.1	98.7	98.3	98.7	96.4	95.7	95.9	94.4	88.7

Table LXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 232	R: 229	R: 230	R: 231
	Pi	Pi	Pi	Pi
2	834.6	838.6	838.6	829.3
3	828.0	802.9	773.1	709.5
4	781.4	808.7	839.8	899.0
5	819.5	795.2	766.5	709.0
6	768.6	794.2	824.3	883.0
7	808.9	788.8	761.0	705.6
8	766.1	790.2	818.6	875.2
9	729.9	730.3	726.6	717.8
10	777.7	781.3	781.3	772.6
11	780.6	757.9	732.4	688.6
12	734.6	757.6	785.6	842.2
13	775.2	752.3	726.8	680.8
14	729.5	752.5	780.6	836.7
15	759.9	739.8	715.3	666.4
16	719.7	741.7	768.3	821.7
17	757.6	759.4	758.2	747.1
19	728.5	710.8	691.0	650.8
20	698.7	717.9	740.7	785.5
21	716.5	701.9	684.6	649.6
22	689.0	703.9	722.1	759.8
23	692.8	680.9	666.8	622.4
24	656.9	671.1	687.8	721.8
25	695.4	686.7	675.5	653.6
26	674.2	684.4	696.2	721.4
43	634.7	635.8	635.9	635.0
44	745.4	771.5	801.1	856.1
67	683.5	674.0	662.6	639.5
68	664.9	675.6	687.9	714.3
85	838.5	812.6	781.9	713.7
86	844.5	872.2	901.4	952.9
87	862.5	847.6	827.9	778.1
88	762.2	766.7	768.5	763.8
89	692.8	693.0	688.5	673.2
90	685.1	690.6	694.6	691.7
91	686.6	689.4	689.5	682.1
921	722.9	721.2	716.4	708.3

Table LXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 232	R: 229	R: 230	R: 231
	Pi	Pi	Pi	Pi
922	873.0	877.5	877.9	869.0
93	768.6	772.3	772.4	763.8
94	862.4	868.7	870.9	866.0
95	747.3	751.6	753.5	748.5
125	703.8	691.0	675.2	642.5
126	677.7	690.6	705.8	738.8
128	913.7	912.6	911.1	903.8
132	622.7	626.0	626.1	622.5
201	1037.6	1037.3	1032.7	1021.6
202	1147.2	1148.1	1143.8	1130.8
203	1221.9	1223.6	1220.5	1206.7
204	1256.6	1259.2	1256.7	1242.1
205	1242.6	1246.3	1244.7	1229.7
206	1189.7	1193.9	1193.0	1178.7
207	1122.6	1127.1	1126.6	1113.5
208	1068.4	1072.9	1072.8	1060.6
209	1119.1	1097.1	1067.8	1002.7
210	1188.4	1172.3	1148.5	1093.1
211	1242.0	1234.6	1220.5	1183.0
212	1228.3	1240.5	1249.4	1257.5
213	1161.6	1182.0	1201.4	1231.4
214	1075.6	1101.7	1129.0	1175.8
215	724.1	722.8	717.6	705.3
216	857.5	831.7	800.9	735.5
217	808.1	836.1	868.2	928.3
218	871.7	873.4	871.0	855.9
219	709.3	694.1	675.5	640.4
220	677.1	693.1	712.1	751.7
221	679.0	670.8	660.9	641.8
222	657.3	667.4	678.4	702.7
223	648.3	640.1	630.3	610.2
224	630.4	640.5	651.8	675.7
225	722.5	723.4	721.4	711.1
226	810.6	811.7	808.9	803.4
227	865.2	865.5	862.0	853.5
228	934.6	934.8	930.9	923.4

Table LXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β -2.0° R: 232 Pi	0.0° R: 229 Pi	2.0° R: 230 Pi	6.0° R: 231 Pi
229	957.6	962.1	962.1	951.5
230	716.7	719.0	719.6	712.3
231	943.2	916.6	883.8	814.3
232	1055.0	1031.0	1000.3	933.8
233	998.3	1025.6	1055.5	1109.8
234	887.1	915.8	948.1	1009.6
235	736.4	720.0	699.9	653.4
236	739.4	726.7	711.0	669.4
237	710.9	708.9	701.8	684.9
238	703.3	708.4	706.9	691.0
239	703.2	704.9	704.9	696.7
240	669.5	672.2	672.1	663.4
241	678.0	675.4	668.7	647.0
242	210.1	189.5	210.5	258.7
243	296.3	296.3	295.2	283.1
244	779.9	781.5	779.4	766.7
245	729.4	730.4	728.3	716.6
246	733.4	715.7	694.9	656.2
247	719.6	702.8	682.0	641.8
248	698.7	688.1	674.7	649.8
249	680.2	691.6	705.1	733.6
250	632.1	619.3	601.9	563.5
251	492.0	481.9	469.9	445.5
252	91.8	96.5	97.0	96.6

Table LXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 680.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 919	R: 920	R: 921	R: 922	R: 923	R: 924	R: 925	R: 926	R: 927	R: 928	R: 929	R: 930
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	881.9	898.9	940.5	977.8	1018.8	1058.7	1100.6	1142.0	1181.9	1220.7	1260.5	1300.3
3	1050.2	1058.1	1074.3	1081.6	1085.3	1088.1	1089.0	1087.8	1081.2	1072.1	1060.0	1043.2
4	1046.7	1056.7	1081.5	1094.5	1095.6	1097.5	1098.7	1096.4	1089.6	1081.4	1070.7	1057.6
5	1080.4	1085.0	1091.4	1097.1	1098.8	1098.6	1093.2	1079.1	1068.5	1056.4	1042.3	1024.6
6	1071.6	1077.3	1085.9	1092.1	1094.6	1093.1	1087.8	1076.1	1064.0	1052.0	1037.7	1021.9
7	1097.3	1099.5	1100.2	1094.6	1087.3	1079.6	1073.1	1064.0	1049.8	1034.2	1016.8	996.1
8	1097.7	1101.1	1104.2	1102.0	1101.2	1095.6	1082.8	1071.5	1057.1	1042.9	1026.8	1009.7
9	1244.6	1230.1	1191.1	1149.8	1108.1	1067.8	1027.8	989.8	949.2	909.9	867.2	825.8
10	830.2	847.2	885.8	916.7	951.8	986.6	1023.6	1061.1	1097.9	1134.9	1173.0	1211.4
11	1001.2	1008.0	1022.7	1026.3	1030.7	1026.6	1025.6	1022.5	1014.2	1003.7	998.6	983.9
12	1000.0	1006.6	1016.3	1023.5	1028.3	1031.4	1030.2	1025.0	1016.2	1006.0	995.2	981.1
13	1010.6	1014.9	1023.0	1031.7	1034.8	1035.2	1033.3	1023.3	1014.8	1005.4	1001.9	993.4
14	1007.1	1013.3	1023.1	1032.6	1036.6	1036.7	1032.7	1022.8	1011.9	1002.7	997.2	987.5
15	1025.5	1029.1	1033.9	1032.6	1027.4	1023.8	1019.6	1013.1	1001.5	989.7	976.2	959.6
16	1011.1	1016.1	1023.3	1025.0	1024.3	1021.3	1016.4	1007.6	996.4	984.8	970.5	953.9
17	1232.7	1220.5	1188.8	1154.6	1120.7	1088.5	1058.3	1029.7	1001.9	978.3	957.3	940.0
19	926.8	936.8	960.8	969.2	973.2	972.7	968.7	963.8	957.0	947.6	935.2	924.0
20	915.2	929.7	956.8	974.3	978.0	979.4	978.2	974.4	965.6	956.2	945.1	934.8
21	937.7	942.2	948.9	952.5	955.6	957.1	956.7	954.1	947.0	936.8	924.0	901.2
22	938.9	945.0	952.0	956.9	959.6	960.7	959.9	955.9	947.8	937.0	922.5	883.4
23	876.9	883.1	899.4	910.9	917.4	920.3	925.1	925.6	920.6	913.2	901.4	883.4
24	858.2	865.7	881.9	887.2	894.1	896.5	896.0	893.0	886.9	879.6	866.5	854.5
25	857.2	869.7	882.0	894.6	907.6	918.6	927.3	933.3	934.3	932.9	928.7	920.8
26	852.6	858.2	877.5	893.7	904.7	915.8	923.9	928.9	929.4	927.7	922.8	913.6
43	986.5	996.9	1019.7	1032.7	1037.9	1044.9	1050.6	1057.7	1057.1	1043.9	1034.1	1020.0
44	972.1	986.1	1008.5	1022.1	1031.5	1041.1	1044.7	1043.7	1038.9	1033.0	1023.5	1012.3
67	833.0	841.4	855.4	871.6	887.2	899.1	909.4	914.8	915.3	913.0	907.3	896.5
68	828.7	837.8	859.8	878.1	889.4	902.5	911.4	915.7	915.4	912.4	905.5	893.9
85	1095.0	1100.1	1107.5	1104.0	1104.9	1107.0	1103.3	1098.3	1088.2	1075.8	1061.6	1042.5
86	1045.6	1059.9	1090.8	1114.4	1134.1	1153.2	1169.5	1182.2	1190.2	1196.8	1201.2	1203.4
87	939.6	958.1	995.2	1027.1	1060.4	1090.6	1121.6	1148.6	1173.9	1197.5	1219.8	1238.8
88	864.2	877.7	902.5	925.1	942.5	962.8	987.3	1014.0	1041.1	1069.6	1099.7	1131.2
89	784.3	795.0	817.6	832.0	861.8	889.5	914.0	939.9	964.6	989.0	1017.7	1046.8
90	793.9	801.6	823.9	835.4	861.1	885.9	910.4	936.0	961.6	988.0	1015.7	1043.7
91	794.6	802.5	821.9	832.9	860.7	887.0	911.1	936.8	962.7	990.2	1019.4	1049.3
921	1256.8	1240.9	1198.2	1153.5	1108.3	1063.7	1019.0	978.5	933.8	890.2	846.6	811.6

Table LXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 680.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 919	R: 920	R: 921	R: 922	R: 923	R: 924	R: 925	R: 926	R: 927	R: 928	R: 929	R: 930
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	908.2	929.3	975.4	1016.4	1060.7	1103.3	1147.3	1191.0	1232.3	1272.9	1314.1	1354.6
93	826.4	848.4	874.3	904.9	939.9	974.4	1010.9	1048.1	1084.5	1121.2	1159.2	1197.6
94	914.1	932.0	973.6	1011.0	1052.6	1093.1	1135.3	1177.5	1217.9	1257.6	1298.6	1338.3
95	851.9	862.8	887.1	909.8	927.3	947.8	972.4	999.1	1026.4	1054.9	1085.4	1116.8
125	906.7	913.3	925.8	931.7	937.6	940.4	940.3	937.1	926.1	911.3	891.1	872.5
126	902.7	910.2	923.9	931.5	936.5	938.7	938.2	934.8	924.0	909.7	890.2	871.2
128	1333.6	1329.2	1314.3	1296.2	1280.1	1264.8	1251.3	1239.2	1225.5	1213.8	1203.6	1192.6
132	703.1	713.9	737.4	757.0	779.1	800.9	824.8	849.2	875.5	903.1	930.2	956.2
201	1642.3	1634.6	1607.5	1572.6	1534.5	1493.9	1450.9	1406.6	1357.5	1308.8	1256.4	1199.7
202	1700.2	1699.3	1687.5	1666.9	1644.2	1617.7	1589.0	1557.8	1521.3	1485.0	1444.3	1398.6
203	1705.1	1711.3	1715.5	1710.5	1703.9	1692.4	1678.7	1660.5	1637.0	1611.9	1582.6	1547.2
204	1642.7	1656.5	1679.7	1691.8	1703.1	1708.1	1710.6	1710.0	1702.6	1692.2	1677.7	1655.9
205	1513.2	1533.4	1572.3	1601.1	1630.1	1653.5	1675.2	1692.4	1702.8	1709.4	1712.7	1709.9
206	1373.1	1396.5	1443.4	1481.4	1521.0	1556.0	1589.5	1620.0	1644.2	1665.1	1683.8	1696.8
207	1253.0	1277.0	1325.7	1367.5	1412.2	1452.4	1492.3	1529.8	1562.3	1592.0	1620.4	1644.5
208	1173.7	1196.7	1245.9	1288.5	1334.5	1377.1	1419.6	1460.8	1497.6	1532.0	1565.7	1595.9
209	1482.0	1489.5	1499.8	1501.1	1501.8	1499.1	1494.9	1488.4	1476.0	1461.0	1442.5	1417.8
210	1556.9	1566.7	1581.5	1586.8	1591.7	1592.3	1591.4	1587.2	1577.4	1564.3	1547.5	1524.4
211	1618.0	1630.5	1650.4	1660.3	1669.6	1673.4	1675.5	1674.1	1665.6	1654.3	1638.4	1615.7
212	1622.8	1636.2	1657.2	1669.4	1679.4	1684.1	1686.0	1684.1	1675.9	1664.3	1649.7	1629.0
213	1563.1	1574.5	1591.8	1600.2	1607.2	1608.7	1607.4	1602.3	1591.0	1578.6	1562.7	1541.4
214	1476.3	1485.7	1499.3	1504.3	1507.9	1506.3	1501.4	1493.2	1479.3	1464.7	1446.7	1424.6
215	1253.5	1238.1	1196.8	1153.2	1109.5	1066.8	1023.2	981.8	936.9	892.1	843.4	814.2
216	1086.1	1094.4	1109.2	1116.2	1122.7	1126.0	1127.6	1127.0	1121.4	1113.3	1102.3	1086.5
217	1088.5	1098.0	1114.7	1124.2	1131.7	1135.3	1135.8	1132.5	1125.0	1116.8	1105.5	1092.0
218	914.1	932.4	976.1	1014.8	1057.5	1098.5	1141.2	1183.5	1224.4	1264.5	1305.3	1345.0
219	908.7	914.8	925.8	932.6	938.5	941.4	942.3	940.9	934.2	925.4	912.9	891.2
220	901.3	909.9	922.2	930.7	937.1	940.0	940.3	937.6	930.6	920.5	903.8	869.1
221	810.6	819.9	843.7	860.0	876.3	893.9	903.7	910.6	913.2	913.4	911.6	905.5
222	808.4	819.1	842.4	859.5	871.5	887.7	897.9	905.3	908.9	910.6	909.2	903.8
223	769.0	779.0	802.7	823.2	839.7	854.5	862.5	868.2	870.8	871.2	868.9	862.1
224	763.8	774.9	799.3	814.4	832.8	850.9	861.2	869.0	873.5	875.7	874.3	868.8
225	1169.9	1159.0	1128.7	1096.7	1065.6	1036.0	1007.7	981.7	953.8	929.0	906.4	834.6
226	1388.6	1373.2	1331.4	1285.9	1238.6	1191.8	1144.4	1097.2	1048.4	1001.7	953.8	905.6
227	1458.2	1443.8	1403.8	1359.0	1312.4	1265.5	1218.1	1168.4	1118.2	1070.4	1020.5	968.9
228	1550.4	1537.7	1501.1	1457.9	1412.0	1365.0	1316.4	1266.6	1213.8	1162.2	1107.0	1047.8

Table LXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 680.0
Upright, Pressures in psf

Ori-fice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 919	R: 920	R: 921	R: 922	R: 923	R: 924	R: 925	R: 926	R: 927	R: 928	R: 929	R: 930
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	1014.8	1036.4	1084.1	1126.4	1172.4	1216.0	1260.6	1304.7	1345.6	1385.0	1424.6	1462.4
230	804.7	815.3	844.9	862.0	887.0	913.0	941.7	971.2	1001.3	1032.6	1065.6	1099.4
231	1271.6	1274.9	1277.4	1272.3	1267.8	1261.1	1252.7	1243.6	1229.6	1213.7	1195.4	1172.6
232	1412.4	1418.1	1424.2	1422.0	1419.3	1414.1	1407.2	1398.3	1383.9	1367.4	1347.7	1322.4
233	1398.4	1405.4	1413.9	1415.3	1414.9	1409.9	1402.1	1391.3	1375.8	1360.4	1341.7	1319.6
234	1262.7	1267.7	1273.1	1271.9	1269.5	1263.0	1253.8	1242.2	1226.5	1211.2	1193.3	1173.1
235	876.0	889.0	917.8	938.1	955.5	967.3	973.8	977.7	973.4	965.7	953.1	936.2
236	825.5	839.4	874.7	902.8	928.5	950.9	968.7	984.6	995.7	1004.7	1010.6	1013.2
237	800.5	810.1	835.3	859.9	883.3	908.0	933.9	959.9	984.4	1011.4	1040.9	1067.4
238	805.2	811.9	833.6	858.8	879.5	902.0	926.1	957.9	987.3	1014.4	1042.1	1070.4
239	809.9	815.2	835.6	861.0	879.5	900.1	925.0	951.7	978.8	1007.6	1038.4	1069.9
240	779.3	787.4	810.3	831.5	855.2	877.6	893.5	910.5	930.3	952.3	976.2	1000.8
241	706.2	728.0	775.9	812.9	850.2	879.8	899.7	916.8	930.2	940.5	947.7	949.2
242	373.8	369.4	344.6	322.7	301.4	282.9	266.8	256.8	256.4	280.2	324.1	349.5
243	517.0	509.6	486.9	466.8	448.7	431.5	415.6	402.5	389.1	377.1	366.1	356.8
244	1192.9	1184.8	1161.8	1137.2	1114.5	1093.8	1075.3	1059.0	1042.1	1028.2	1015.8	1007.1
245	1164.1	1153.7	1125.3	1095.5	1066.8	1039.8	1014.5	990.8	965.9	943.6	924.0	904.9
246	967.2	968.8	977.5	985.4	978.8	977.7	975.0	970.3	958.4	948.5	939.3	926.1
247	903.9	912.5	931.0	941.9	950.5	955.1	955.6	953.0	943.7	931.2	912.7	889.4
248	880.7	888.5	905.6	914.0	921.8	927.3	932.5	933.8	930.0	923.2	913.8	899.2
249	895.6	902.3	914.9	921.8	929.9	934.1	937.8	938.6	935.7	929.5	920.6	908.4
250	636.7	654.0	696.7	731.7	766.2	796.5	820.7	839.5	852.6	860.9	865.6	865.3
251	559.0	566.0	583.1	596.8	613.5	627.5	640.5	653.9	665.4	674.8	682.5	686.8
252	104.6	107.7	109.0	114.2	112.7	128.6	125.6	131.6	134.6	144.9	145.6	143.5

Table LXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 931	R: 932	R: 933	R: 934	R: 935	R: 936	R: 937	R: 938	R: 939	R: 940	R: 941
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	659.9	687.3	717.3	745.2	774.3	803.8	833.7	863.0	892.1	921.4	955.8
3	777.7	788.3	795.8	800.0	802.3	802.4	800.3	795.4	787.5	778.1	769.2
4	776.4	788.9	798.7	804.9	808.3	808.9	805.8	800.6	793.4	785.0	778.5
5	796.8	801.8	803.8	803.6	803.1	798.9	793.1	785.4	775.3	764.3	754.4
6	792.4	798.8	802.6	804.0	804.5	800.5	790.7	781.9	771.8	760.9	752.5
7	808.3	809.4	807.4	803.7	798.5	791.9	783.4	772.9	760.1	746.6	734.4
8	809.4	812.2	812.1	809.6	804.7	797.7	788.1	777.4	765.6	753.1	743.1
9	902.0	876.5	846.3	818.4	789.1	760.1	729.9	699.7	669.2	637.5	608.6
10	623.8	649.0	674.6	698.6	724.2	750.2	777.0	803.8	830.9	858.4	890.9
11	740.3	749.7	755.4	756.8	756.6	755.1	751.8	745.8	737.2	727.2	718.1
12	740.7	747.1	753.9	758.4	760.7	758.9	754.0	747.1	738.6	728.6	720.1
13	745.5	751.8	755.7	759.4	760.1	757.0	751.9	746.0	738.1	728.8	721.0
14	745.1	752.4	758.1	763.2	762.8	758.3	750.7	743.5	734.9	725.6	717.8
15	756.5	760.4	761.4	760.3	757.6	753.5	746.8	737.7	727.3	716.3	705.7
16	747.7	753.0	755.7	755.7	753.3	748.8	741.4	732.2	722.2	711.8	702.0
17	895.4	874.7	849.6	826.8	803.4	780.8	758.1	736.2	716.5	700.4	689.6
19	695.6	714.0	718.7	717.2	717.5	715.5	713.3	703.8	696.9	687.2	681.8
20	686.2	703.1	717.6	721.5	722.6	720.7	714.0	710.9	702.5	694.2	688.7
21	691.0	696.8	701.7	704.2	704.8	703.9	701.1	695.6	687.3	677.3	663.2
22	693.9	700.0	705.9	707.7	708.0	707.1	703.4	697.0	688.1	677.0	654.0
23	649.8	661.7	672.3	677.0	679.6	682.1	681.3	677.3	670.7	661.6	651.5
24	633.3	643.8	650.2	654.3	656.1	656.1	651.7	648.0	640.0	631.2	624.6
25	638.3	647.5	659.0	667.6	675.7	682.0	685.2	685.7	683.5	680.0	677.4
26	630.7	644.5	658.9	665.8	673.9	679.7	682.5	682.5	680.1	676.0	672.3
43	729.8	744.6	756.3	764.2	769.7	772.8	773.4	771.3	765.6	758.4	751.2
44	722.7	738.1	750.8	759.4	765.4	768.4	767.5	764.1	758.4	751.3	745.7
67	618.2	628.8	642.7	653.1	661.9	669.5	672.2	672.4	669.8	665.1	660.2
68	616.3	632.1	648.2	655.4	664.8	671.1	673.6	672.9	669.5	664.1	658.5
85	811.7	817.6	820.3	820.5	819.0	815.9	810.8	803.0	792.5	781.2	770.7
86	778.1	799.7	819.8	835.6	849.6	860.9	868.9	874.6	878.3	880.9	886.4
87	703.9	731.3	757.9	780.6	802.7	823.7	843.8	861.9	878.3	894.3	912.6
88	645.7	667.0	691.4	710.4	726.9	743.6	762.4	781.8	802.4	824.4	849.8
89	584.9	601.2	614.4	634.2	654.7	671.8	689.5	706.7	724.8	744.7	769.2
90	590.4	606.6	617.6	634.4	653.3	669.7	687.1	705.6	724.5	744.2	768.2
91	590.1	604.4	614.7	632.6	651.5	667.9	685.6	704.3	723.8	744.7	770.3
921	914.5	885.8	853.0	822.1	789.5	757.4	724.1	691.0	657.6	627.1	602.9

Table LXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 931	R: 932	R: 933	R: 934	R: 935	R: 936	R: 937	R: 938	R: 939	R: 940	R: 941
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	684.2	717.0	750.6	780.4	811.4	842.3	873.5	903.6	933.4	963.0	997.4
93	623.3	642.7	667.9	691.4	716.4	741.9	768.2	794.7	821.5	848.7	881.0
94	686.4	715.1	746.1	774.4	804.1	834.0	864.2	893.6	922.6	951.7	985.6
95	635.0	655.1	678.6	695.7	711.7	728.4	747.3	766.9	787.6	809.6	835.6
125	671.3	680.6	687.0	691.1	693.9	693.4	690.4	682.0	669.7	654.1	641.3
126	669.6	679.6	686.5	690.6	693.3	692.6	689.0	680.9	669.4	654.4	641.6
128	975.7	966.3	954.1	943.2	932.2	921.7	910.8	900.6	890.5	882.2	878.3
132	524.9	541.7	558.4	572.8	588.6	605.1	622.5	641.3	661.6	681.3	703.9
201	1200.7	1183.0	1158.1	1132.6	1103.0	1071.4	1036.7	1000.5	962.0	923.4	885.8
202	1248.6	1241.5	1228.0	1212.1	1193.0	1171.2	1145.9	1118.9	1089.2	1059.4	1030.9
203	1256.8	1260.8	1259.9	1254.9	1246.9	1235.8	1220.8	1203.1	1182.2	1160.5	1139.8
204	1218.0	1234.2	1247.1	1253.9	1257.8	1258.5	1255.8	1249.9	1240.2	1229.2	1219.4
205	1127.8	1155.5	1181.0	1200.5	1217.7	1232.1	1242.7	1249.7	1253.3	1254.8	1258.8
206	1027.0	1060.0	1093.1	1119.9	1145.4	1168.7	1189.1	1206.6	1221.0	1233.6	1248.9
207	940.5	975.6	1011.0	1040.3	1069.7	1097.5	1123.3	1146.7	1167.8	1187.4	1210.8
208	880.9	916.3	952.2	982.9	1013.9	1043.8	1072.5	1099.0	1123.7	1147.5	1175.0
209	1095.1	1102.8	1107.1	1107.1	1105.3	1101.2	1094.6	1084.8	1071.6	1057.7	1044.2
210	1151.8	1162.6	1169.9	1172.9	1173.8	1171.8	1167.1	1159.0	1147.5	1134.9	1122.7
211	1198.3	1212.9	1223.9	1229.7	1232.7	1233.1	1229.8	1223.3	1212.6	1200.6	1189.5
212	1203.1	1218.4	1230.4	1236.8	1240.4	1240.6	1237.1	1230.3	1220.6	1209.4	1199.6
213	1157.1	1169.9	1179.1	1183.3	1184.4	1182.7	1176.9	1168.2	1157.2	1144.8	1134.4
214	1092.0	1102.1	1108.5	1110.6	1109.5	1105.3	1096.9	1086.5	1073.8	1060.0	1048.3
215	910.1	882.6	850.4	820.5	788.8	757.3	724.0	690.4	656.0	620.1	598.2
216	804.9	815.7	823.5	827.9	830.4	830.9	829.4	824.9	817.5	808.9	801.0
217	807.6	819.3	828.7	834.2	836.7	836.6	832.8	827.1	819.5	811.0	804.2
218	686.1	716.6	748.4	777.3	807.4	837.8	868.4	897.9	927.2	956.4	990.3
219	672.4	680.6	687.7	692.1	694.1	694.4	692.5	687.3	679.6	670.3	657.2
220	668.1	677.2	685.8	690.5	692.5	692.4	689.5	684.4	675.7	663.9	641.5
221	602.5	619.4	633.8	644.8	657.7	664.7	668.8	670.4	669.7	667.8	666.5
222	601.7	618.4	632.3	641.0	652.8	660.0	664.9	667.5	667.6	666.1	665.1
223	573.0	589.9	607.1	618.2	629.3	634.8	638.2	640.1	639.5	637.3	635.2
224	569.8	587.2	600.1	612.8	626.2	633.4	638.4	641.6	642.3	640.8	639.6
225	851.0	831.0	808.0	787.1	765.6	744.8	723.4	703.2	683.8	666.4	617.4
226	1008.4	980.6	946.8	915.0	881.0	846.8	810.8	775.2	739.3	704.5	672.4
227	1060.5	1034.0	1000.9	969.4	935.7	901.3	865.0	828.7	791.7	755.9	722.4
228	1129.4	1105.1	1073.2	1042.2	1007.9	972.2	933.8	894.4	853.7	813.7	774.1

Table LXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 931	R: 932	R: 933	R: 934	R: 935	R: 936	R: 937	R: 938	R: 939	R: 940	R: 941
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	762.1	796.4	831.7	862.8	894.6	926.3	957.3	987.2	1016.0	1044.1	1077.0
230	601.3	621.3	638.4	655.4	673.7	693.4	714.5	736.2	758.6	782.4	811.2
231	937.1	939.6	938.4	934.9	930.0	923.4	915.1	904.5	891.0	877.0	864.2
232	1042.0	1047.2	1048.2	1046.4	1042.5	1036.7	1028.5	1017.4	1003.2	988.3	974.2
233	1033.5	1040.3	1043.4	1042.9	1039.4	1033.1	1023.1	1011.4	998.1	983.9	972.0
234	932.4	936.9	938.0	936.1	931.3	924.2	913.8	902.1	889.2	875.5	864.3
235	654.2	674.5	692.4	704.7	712.6	716.2	717.7	715.6	708.6	699.1	689.5
236	618.4	642.7	665.8	686.6	701.9	714.0	723.0	731.6	736.9	740.7	748.3
237	595.1	612.7	633.6	650.2	668.6	686.2	704.6	722.1	743.2	763.0	786.3
238	596.3	612.9	633.1	648.1	663.5	679.2	703.7	724.3	744.0	765.0	790.8
239	599.4	614.6	634.5	648.7	664.9	681.7	700.6	720.2	740.8	762.9	789.9
240	578.5	595.0	612.1	629.0	645.9	657.5	669.4	682.5	697.4	714.6	736.3
241	536.1	569.4	599.7	624.9	646.8	661.5	673.1	682.8	689.7	694.4	699.1
242	271.4	255.6	240.1	225.7	212.3	200.6	191.8	189.3	200.4	229.9	254.1
243	373.1	358.3	344.0	331.5	319.3	307.7	296.7	286.7	277.6	269.1	262.8
244	870.2	855.2	838.0	822.9	807.7	793.7	779.9	767.0	755.0	745.0	741.5
245	847.4	828.8	807.4	788.3	768.5	749.6	730.5	712.3	693.9	677.5	668.1
246	720.2	725.6	728.3	729.6	722.7	719.0	715.2	712.1	706.8	686.7	682.3
247	671.1	684.5	694.8	701.1	704.3	704.4	701.3	694.4	684.5	670.6	655.9
248	653.5	666.0	674.4	679.5	683.7	687.1	686.8	683.8	677.6	670.2	662.4
249	663.2	672.8	679.8	685.0	687.9	690.5	690.1	687.4	681.7	674.7	668.5
250	482.1	511.9	540.4	563.6	585.8	603.0	616.5	625.7	631.3	634.4	637.1
251	416.2	428.5	440.2	451.3	461.7	470.6	479.9	488.1	494.7	499.9	505.6
252	73.9	83.3	80.5	83.2	96.5	99.1	91.2	101.8	100.9	109.5	102.6

Table LXX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 944	R: 945	R: 946	R: 947	R: 948	R: 949	R: 950	R: 951	R: 952	R: 953	R: 954
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	656.5	679.8	709.4	739.3	772.2	804.8	834.9	864.8	895.3	924.7	952.2
3	746.6	754.4	762.3	768.1	770.5	770.6	770.4	764.8	756.9	746.0	733.3
4	804.9	814.1	823.1	829.7	835.8	840.2	838.8	834.9	829.3	821.2	813.0
5	763.0	766.6	769.8	771.5	771.3	766.7	763.7	756.2	746.9	734.9	722.2
6	822.7	825.9	828.3	829.2	832.1	831.2	822.6	814.4	805.5	794.7	784.4
7	774.1	774.7	774.3	772.5	767.3	760.5	755.3	745.2	733.8	719.6	705.2
8	840.5	839.8	838.2	835.1	831.6	827.5	818.5	807.9	796.7	783.9	772.1
9	900.0	874.6	845.6	816.7	786.1	756.3	726.9	697.9	668.6	636.0	608.2
10	619.9	642.0	667.6	693.6	722.3	751.2	777.9	805.2	833.7	861.2	887.5
11	710.8	718.2	724.6	727.6	727.6	726.6	725.4	719.0	710.6	699.2	686.6
12	767.1	770.8	776.6	780.4	785.3	786.3	782.7	777.0	769.6	759.6	749.8
13	715.9	719.4	724.2	729.8	731.7	728.0	724.9	719.2	712.9	702.6	693.0
14	772.8	776.8	780.7	786.1	787.5	786.1	779.1	772.8	765.2	755.6	746.2
15	724.7	727.9	730.5	731.5	729.3	726.0	722.4	713.9	704.8	693.4	680.8
16	777.1	778.8	779.9	779.4	778.3	776.0	769.1	760.4	750.9	739.8	728.3
17	893.1	872.0	848.1	824.9	801.6	779.4	758.4	736.8	719.8	704.1	692.6
19	667.5	686.9	694.2	693.4	693.9	692.9	691.1	683.2	675.8	665.6	659.0
20	711.9	726.1	735.2	740.3	742.9	742.8	737.7	735.1	728.2	719.6	711.8
21	670.7	674.3	679.1	682.6	684.0	684.8	683.1	677.8	670.6	660.1	638.8
22	712.1	716.2	721.5	723.6	725.2	726.0	723.3	717.8	710.1	698.6	682.5
23	630.5	637.4	649.1	658.6	660.1	666.1	667.4	663.7	656.1	645.4	639.7
24	654.3	660.7	665.4	669.9	674.1	674.6	670.8	668.0	661.1	651.8	640.4
25	620.7	630.1	640.2	650.7	660.6	669.5	675.0	676.5	675.4	672.3	667.2
26	646.0	656.9	669.3	678.3	686.5	693.2	695.4	696.1	694.5	689.5	682.9
43	703.5	714.4	725.9	734.9	740.6	744.0	745.7	741.9	735.9	726.8	715.5
44	746.4	759.1	771.7	781.5	790.7	797.5	798.7	797.5	794.0	787.6	780.7
67	604.9	613.5	626.4	637.2	648.3	657.4	661.8	662.5	659.9	654.4	646.1
68	630.0	642.3	656.5	667.2	676.3	684.4	686.9	687.8	685.8	680.3	672.7
85	776.1	780.9	784.9	787.0	785.4	782.3	780.3	772.7	762.4	750.6	736.9
86	800.7	819.4	839.1	856.3	873.8	889.6	899.8	907.6	913.7	916.9	919.3
87	688.9	709.9	734.7	758.3	781.9	804.5	824.6	841.6	857.5	871.7	883.1
88	651.3	669.3	693.2	709.5	727.4	747.3	765.2	785.0	806.5	828.6	850.2
89	586.6	596.1	609.6	629.0	651.4	670.7	686.0	703.2	722.0	741.2	759.7
90	586.1	600.7	613.1	631.3	652.0	673.1	692.5	710.6	731.8	752.2	772.1
91	590.5	600.1	609.8	627.1	649.4	669.3	686.8	705.5	725.9	747.1	767.5
921	908.7	882.0	850.8	819.3	785.2	751.7	718.7	686.9	657.4	627.0	600.8

Table LXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 944	R: 945	R: 946	R: 947	R: 948	R: 949	R: 950	R: 951	R: 952	R: 953	R: 954
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	683.6	711.5	743.5	775.2	808.7	842.9	874.4	905.3	937.3	966.1	993.8
93	617.0	637.4	661.6	686.8	714.3	742.5	768.8	795.5	824.2	851.0	877.4
94	684.4	709.6	739.9	770.4	803.4	836.7	867.4	897.7	928.8	957.7	985.1
95	639.9	655.9	677.8	694.1	712.2	732.1	750.2	770.0	791.7	813.8	835.4
125	646.6	653.8	661.4	667.7	672.1	674.9	674.8	667.8	657.6	641.2	631.3
126	693.7	699.3	704.6	708.4	711.0	710.8	706.1	697.3	685.7	669.1	651.7
128	972.3	961.6	950.5	940.0	929.8	921.1	912.1	903.1	893.6	884.6	876.4
132	522.7	535.8	551.8	568.0	586.4	605.9	623.6	642.7	663.6	683.4	701.2
201	1196.3	1177.6	1154.2	1128.8	1099.6	1068.1	1034.2	999.9	962.3	923.5	885.0
202	1243.8	1234.8	1222.2	1207.1	1189.3	1168.6	1144.8	1119.5	1090.1	1060.5	1029.2
203	1252.1	1253.7	1252.8	1249.3	1242.4	1233.5	1220.1	1204.0	1183.9	1162.1	1137.8
204	1212.5	1226.0	1238.2	1246.9	1252.7	1256.5	1255.8	1251.1	1242.6	1231.1	1216.6
205	1123.4	1147.2	1171.3	1192.7	1212.4	1230.3	1242.9	1251.1	1256.2	1257.3	1255.2
206	1022.3	1051.6	1083.1	1111.9	1140.1	1167.2	1189.6	1208.1	1224.2	1236.1	1244.8
207	937.6	968.1	1001.6	1033.1	1064.9	1096.5	1124.2	1148.2	1171.6	1190.3	1206.7
208	878.7	909.1	943.1	975.9	1009.6	1043.4	1073.3	1100.6	1127.5	1150.3	1170.7
209	1061.5	1068.0	1072.8	1075.2	1073.5	1069.8	1066.6	1058.1	1045.3	1030.9	1013.6
210	1123.4	1132.8	1140.6	1145.8	1147.2	1146.4	1145.1	1138.5	1127.1	1114.1	1097.6
211	1180.5	1193.0	1203.7	1211.5	1215.8	1218.3	1217.6	1212.3	1202.6	1190.2	1174.5
212	1210.4	1222.4	1233.1	1240.7	1246.7	1250.6	1248.4	1243.0	1234.4	1222.9	1208.8
213	1175.2	1184.5	1192.4	1197.3	1201.4	1203.6	1198.5	1190.9	1181.1	1168.6	1154.2
214	1118.7	1125.2	1130.2	1132.3	1134.1	1134.2	1126.5	1116.7	1105.3	1091.4	1076.2
215	904.9	876.3	847.7	816.9	783.5	750.6	716.9	687.7	656.6	622.1	602.2
216	771.7	780.3	788.6	794.7	797.3	798.0	798.6	794.1	786.6	776.9	765.0
217	836.6	845.6	853.6	859.6	865.1	869.0	866.7	862.2	856.1	847.8	839.0
218	683.0	707.9	738.5	769.4	802.7	836.3	866.9	896.9	927.5	956.3	983.1
219	653.6	659.6	666.3	671.2	673.7	675.4	674.3	669.2	662.1	651.4	629.2
220	685.5	692.5	700.7	706.0	710.0	712.1	710.1	706.5	699.4	686.5	674.2
221	589.5	602.0	618.2	630.9	646.7	655.0	660.2	662.0	662.1	659.8	655.3
222	617.0	628.8	642.8	651.8	664.2	672.9	677.4	680.7	681.9	680.1	676.4
223	581.5	576.2	591.6	606.2	616.5	625.1	629.5	630.8	630.2	627.4	621.9
224	582.5	595.6	609.5	620.6	635.9	645.6	651.0	655.4	657.7	656.7	653.3
225	849.1	829.3	807.0	785.3	762.8	742.1	722.4	703.1	684.6	665.9	617.0
226	1006.5	978.5	946.5	914.1	879.8	845.0	809.6	775.6	741.1	706.1	673.9
227	1058.2	1031.3	1000.0	968.2	934.1	899.1	863.3	828.6	792.6	756.6	722.7
228	1126.7	1101.4	1071.5	1040.1	1006.4	970.6	932.9	895.7	855.0	815.1	774.9

Table LXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 944	R: 945	R: 946	R: 947	R: 948	R: 949	R: 950	R: 951	R: 952	R: 953	R: 954
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	760.7	789.7	823.4	856.5	891.2	926.4	958.3	988.8	1019.6	1047.2	1072.8
230	605.3	619.1	634.8	652.6	673.9	696.0	716.6	738.3	761.4	785.4	808.5
231	898.3	900.2	900.6	899.3	894.2	887.3	882.8	872.9	860.3	845.9	830.0
232	1006.6	1010.7	1013.0	1013.1	1009.3	1003.5	999.1	989.1	975.1	959.9	942.1
233	1063.5	1066.6	1068.5	1067.9	1067.1	1064.9	1055.5	1044.4	1032.0	1017.9	1003.0
234	966.5	967.1	966.6	964.2	961.7	958.5	948.5	937.0	924.8	911.0	897.3
235	644.9	659.5	675.6	686.5	692.9	696.9	698.6	693.0	683.3	669.8	655.8
236	617.3	635.3	655.8	674.3	686.5	698.7	708.3	713.4	715.9	718.6	717.8
237	598.1	611.6	630.3	646.6	664.5	683.0	698.6	720.2	737.4	755.1	771.9
238	599.5	611.2	629.8	644.2	662.0	686.0	703.4	721.7	741.3	761.9	781.5
239	599.9	611.1	631.6	646.9	664.5	684.2	702.1	721.6	742.6	764.7	786.1
240	578.2	590.4	606.6	623.2	643.6	659.6	670.6	684.5	700.5	717.1	733.5
241	549.5	573.1	602.2	624.1	644.9	658.8	667.8	674.2	678.2	679.0	676.3
242	271.1	261.9	247.8	234.8	222.6	218.7	220.5	218.7	217.7	224.6	239.0
243	371.0	358.6	343.8	330.3	316.1	304.3	294.1	284.7	276.9	266.8	259.5
244	867.8	852.2	835.4	819.9	804.5	791.4	778.9	767.1	756.0	745.7	739.2
245	845.6	826.8	806.1	786.1	765.6	747.0	729.3	711.7	694.5	678.0	667.1
246	690.5	697.1	701.7	704.3	697.9	695.6	694.7	692.0	685.9	668.8	660.4
247	655.4	664.8	674.5	680.8	683.8	684.2	680.9	673.5	662.4	644.6	627.6
248	630.5	640.3	652.5	659.3	664.3	671.5	674.4	673.0	668.5	661.9	653.6
249	681.3	688.3	694.6	699.8	703.7	706.1	705.0	702.1	696.2	687.3	676.7
250	447.5	472.0	503.8	532.6	560.1	582.2	599.6	611.4	619.6	625.0	626.6
251	399.3	409.3	422.7	435.3	447.3	457.4	468.2	476.8	483.6	488.9	491.9
252	76.7	77.2	82.6	87.1	93.3	99.7	92.5	103.7	104.9	102.9	108.7

Table LXXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 942 Pi	Nominal β 2.0° R: 943 Pi
2	836.8	832.6
3	798.7	768.8
4	809.0	835.5
5	790.9	762.2
6	793.3	819.3
7	780.9	753.5
8	790.6	815.0
9	727.9	724.1
10	779.6	775.7
11	750.0	723.8
12	756.8	779.6
13	748.5	724.5
14	753.2	776.1
15	745.1	720.5
16	743.6	765.8
17	757.4	755.9
19	711.7	689.4
20	716.3	735.2
21	699.8	681.5
22	705.4	720.5
23	680.8	665.5
24	653.3	668.4
25	685.4	673.2
26	684.3	693.1
43	772.1	744.2
44	770.7	795.7
67	672.5	659.9
68	675.5	684.7
85	809.2	778.2
86	872.6	896.7
87	844.6	822.7
88	764.7	763.1
89	691.3	684.1
90	689.1	690.3
91	688.1	685.0
921	719.5	715.5

Table LXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 942 Pi	Nominal β 2.0° R: 943 Pi
922	875.4	871.8
93	770.0	766.5
94	866.9	864.9
95	749.6	748.2
125	689.2	673.1
126	690.6	702.8
128	911.6	909.3
132	624.7	621.9
201	1036.2	1030.9
202	1146.5	1141.5
203	1221.7	1216.7
204	1257.2	1252.0
205	1244.6	1239.3
206	1191.2	1186.1
207	1125.3	1120.7
208	1074.7	1070.1
209	1093.8	1063.7
210	1166.9	1141.5
211	1230.4	1213.9
212	1239.1	1244.6
213	1179.3	1194.9
214	1099.9	1122.8
215	721.2	716.0
216	827.9	796.8
217	835.9	863.7
218	871.2	864.6
219	691.7	672.5
220	691.5	707.3
221	669.4	658.4
222	667.3	674.9
223	638.6	627.8
224	640.6	648.7
225	722.3	719.6
226	809.7	806.8
227	864.1	860.4
228	933.7	930.0

Table LXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.10, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 942 Pi	Nominal β 2.0° R: 943 Pi
229	959.8	955.5
230	717.4	714.7
231	913.3	880.4
232	1027.4	996.1
233	1026.1	1052.0
234	916.8	944.7
235	717.2	696.6
236	723.2	706.3
237	706.7	696.9
238	707.3	701.7
239	703.3	700.2
240	671.6	668.7
241	674.1	665.8
242	194.9	211.4
243	293.4	292.5
244	780.0	776.4
245	729.9	726.8
246	714.3	692.6
247	700.0	679.2
248	686.8	672.4
249	691.9	702.6
250	616.9	598.3
251	480.4	467.2
252	93.7	99.7

Table LXXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 665.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 273	R: 274	R: 275	R: 276	R: 277	R: 278	R: 279	R: 280	R: 281	R: 282	R: 283
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	829.5	864.1	-1052.0	938.6	974.9	1016.2	1055.8	1088.9	1131.7	1167.9	1205.5
3	981.0	991.1	-954.2	1001.8	1004.3	1004.9	1002.0	994.2	988.5	974.4	962.8
4	981.5	1001.9	-941.2	1008.5	1012.4	1014.2	1011.3	1003.0	999.8	988.3	980.9
5	1004.8	1008.0	-944.6	1013.1	1013.7	1007.9	992.3	981.5	972.5	956.3	944.1
6	998.5	1002.5	-947.8	1008.0	1007.6	1002.8	994.1	981.7	969.7	955.0	945.0
7	1016.8	1014.8	-943.4	1002.1	994.0	987.5	976.1	961.3	948.8	929.9	915.2
8	1020.6	1019.8	-935.8	1012.6	1007.3	997.6	985.7	970.5	961.0	944.5	937.9
9	1136.2	1098.9	-894.7	1017.4	980.7	940.0	899.5	859.1	819.6	776.2	744.3
10	773.3	804.4	-1116.0	869.1	901.2	938.6	974.8	1005.0	1046.8	1081.2	1118.8
11	998.0	998.5	-963.1	979.5	967.6	958.2	945.0	931.0	915.0	894.8	874.8
12	996.3	991.8	-968.2	977.4	967.2	958.3	942.5	922.6	907.8	886.3	867.1
13	981.7	973.5	-983.3	965.7	960.6	952.2	934.5	917.7	904.4	890.2	869.8
14	966.2	965.1	-984.9	964.5	958.1	950.1	936.7	913.6	901.6	881.8	869.2
15	949.5	948.0	-1009.1	935.3	929.2	922.2	911.0	896.1	885.5	864.0	848.5
16	948.1	947.8	-1007.1	941.8	936.5	929.6	917.4	900.9	892.3	870.0	855.5
17	1127.6	1096.9	-889.9	1030.0	1001.7	972.0	944.0	919.7	900.5	882.7	849.7
19	856.6	880.1	-1065.6	888.6	887.5	882.0	875.8	859.7	860.0	847.9	843.9
20	845.0	872.6	-1061.6	892.5	892.5	891.0	884.7	869.9	871.3	863.7	857.2
21	866.1	871.0	-1078.6	875.7	875.8	873.5	867.5	846.3	838.9	819.4	820.1
22	870.4	874.5	-1073.7	881.6	881.0	878.0	871.9	849.4	827.8	801.0	803.7
23	812.7	820.6	-1119.5	843.3	846.0	843.3	838.7	806.0	824.3	762.6	765.6
24	800.9	815.0	-1125.0	834.2	835.5	834.5	830.0	810.2	820.4	770.9	775.0
25	804.4	819.4	-1123.8	839.9	849.3	857.1	864.7	859.2	864.7	860.9	861.6
26	802.0	813.0	-1124.5	840.7	850.8	857.4	864.8	856.9	863.7	859.1	860.3
43	760.9	760.9	-1192.7	759.6	760.2	760.7	760.7	760.4	760.4	759.6	759.6
44	932.7	941.0	-1008.2	951.8	956.5	958.9	958.2	951.1	952.7	944.0	941.9
67	780.2	793.0	-1147.2	818.4	829.5	835.4	845.7	836.3	843.9	839.5	817.1
68	780.1	794.2	-1142.0	825.4	836.1	841.7	851.0	839.8	847.1	833.3	827.1
85	1019.4	1023.8	-929.1	1021.6	1022.7	1019.0	1012.7	1002.3	992.6	976.6	962.8
86	982.2	1005.8	-924.1	1049.4	1066.9	1083.8	1095.8	1101.7	1112.0	1115.2	1119.3
87	885.7	917.5	-1004.1	978.7	1005.8	1035.8	1061.6	1082.3	1109.3	1128.1	1147.2
88	809.3	824.1	-1110.6	866.6	888.3	908.9	932.4	947.5	983.5	1008.2	1045.3
89	728.2	743.0	-1189.4	783.2	802.3	833.4	857.8	869.3	900.0	921.3	957.9
90	736.5	752.3	-1183.1	787.5	805.7	832.3	854.5	865.4	898.8	920.2	956.3
91	736.4	749.6	-1186.9	782.9	800.6	830.7	855.0	866.9	901.5	923.6	961.4
921	1145.0	1104.3	-893.1	1015.3	975.0	929.8	885.8	844.4	804.5	781.3	724.3

Table LXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 665.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 273	R: 274	R: 275	R: 276	R: 277	R: 278	R: 279	R: 280	R: 281	R: 282	R: 283
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	858.0	898.0	-1014.4	979.3	1018.0	1061.8	1103.3	1139.2	1182.8	1221.3	1256.5
93	767.3	798.7	-1129.1	855.5	887.5	924.7	960.9	991.2	1032.7	1067.7	1104.3
94	863.0	897.7	-1018.4	972.3	1009.0	1050.8	1091.0	1125.4	1168.6	1205.9	1242.2
95	794.3	808.8	-1125.9	851.5	873.3	893.9	917.5	932.7	968.7	993.7	1030.7
125	842.3	851.9	-1095.3	861.2	863.0	861.2	852.8	826.3	817.3	757.4	748.5
126	842.5	852.9	-1092.7	862.8	864.0	861.8	853.8	825.9	822.0	769.3	763.3
128	1244.0	1228.9	-740.2	1197.5	1185.7	1172.0	1158.3	1143.0	1135.1	1116.8	1110.0
132	673.8	692.0	-1242.0	730.2	749.4	771.9	794.9	805.6	845.4	859.9	894.2
201	1534.6	1507.2	-478.8	1438.2	1404.5	1362.9	1318.3	1275.0	1225.2	1174.1	1121.2
202	1599.9	1585.9	-385.5	1545.9	1525.2	1497.6	1466.2	1434.1	1396.0	1355.7	1309.8
203	1614.9	1615.4	-340.6	1606.0	1598.6	1585.1	1566.9	1546.3	1519.2	1489.9	1452.2
204	1564.4	1581.2	-358.1	1605.7	1612.6	1616.3	1614.4	1608.2	1596.6	1581.0	1554.3
205	1446.7	1478.5	-444.7	1535.5	1558.3	1580.9	1596.4	1606.1	1612.3	1613.9	1604.7
206	1315.8	1355.2	-559.3	1430.1	1463.1	1497.3	1525.7	1547.7	1568.8	1585.6	1590.5
207	1198.5	1240.3	-670.4	1323.4	1360.8	1401.0	1436.1	1465.3	1495.9	1522.0	1537.5
208	1118.4	1160.1	-750.5	1244.3	1283.4	1325.4	1364.0	1396.5	1431.9	1462.7	1485.1
209	1399.9	1406.5	-543.6	1410.0	1409.4	1405.6	1398.0	1387.2	1371.2	1351.6	1325.2
210	1478.2	1488.7	-456.8	1500.9	1503.1	1502.9	1498.0	1489.5	1475.3	1457.5	1430.7
211	1541.5	1555.8	-386.1	1575.1	1581.0	1583.8	1581.0	1574.1	1561.4	1545.2	1517.8
212	1544.6	1559.8	-380.3	1583.0	1589.3	1592.5	1589.5	1582.3	1570.1	1555.2	1529.5
213	1484.7	1496.9	-446.5	1512.7	1516.3	1516.3	1510.8	1501.1	1488.3	1472.1	1447.6
214	1397.9	1406.7	-540.3	1415.9	1416.2	1412.8	1404.1	1392.0	1377.7	1360.2	1337.0
215	1143.1	1104.2	-891.6	1018.1	978.6	934.2	889.9	846.0	801.0	765.5	729.5
216	1014.7	1025.5	-920.6	1037.9	1041.0	1042.7	1040.7	1034.5	1028.8	1015.9	1004.1
217	1019.5	1030.8	-913.3	1046.0	1049.6	1050.9	1047.5	1039.6	1034.8	1023.4	1013.4
218	862.9	900.0	-1014.5	977.6	1014.9	1057.0	1097.4	1132.3	1175.7	1212.7	1248.9
219	840.4	849.5	-1097.3	859.9	860.1	859.6	856.0	833.8	828.0	808.7	811.7
220	837.4	846.0	-1097.9	861.6	861.7	859.9	855.5	830.0	807.6	793.2	801.0
221	763.0	782.6	-1153.6	814.3	828.0	841.0	850.0	845.0	851.3	842.2	845.9
222	763.7	782.7	-1153.1	814.1	824.7	837.0	846.9	841.6	850.4	842.2	845.4
223	724.1	743.7	-1190.7	779.1	790.0	805.8	810.8	804.9	811.0	799.4	803.8
224	721.0	741.5	-1193.8	774.6	790.1	805.8	813.1	809.0	817.7	807.5	812.4
225	1068.7	1039.4	-945.1	976.9	949.4	919.0	888.6	838.0	804.3	769.4	758.5
226	1276.2	1236.6	-760.7	1147.6	1107.0	1060.8	1014.1	969.1	923.7	877.3	836.4
227	1345.5	1307.3	-688.7	1220.3	1180.3	1134.2	1086.5	1039.9	991.9	943.4	897.8
228	1437.6	1401.7	-592.4	1317.4	1277.7	1229.8	1180.9	1133.8	1081.1	1026.9	972.7

Table LXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 665.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 273	R: 274	R: 275	R: 276	R: 277	R: 278	R: 279	R: 280	R: 281	R: 282	R: 283
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	965.6	1006.3	-904.6	1090.3	1130.5	1174.7	1216.5	1252.4	1294.1	1330.8	1362.4
230	741.3	765.0	-1166.5	808.5	830.6	858.9	886.9	906.9	945.8	973.6	1011.7
231	1188.4	1188.4	-768.1	1179.5	1174.5	1166.8	1156.5	1143.7	1128.5	1108.9	1088.6
232	1329.2	1332.4	-621.3	1329.0	1325.7	1319.5	1309.6	1297.1	1279.7	1258.9	1233.1
233	1317.1	1321.5	-629.4	1322.9	1320.2	1313.7	1302.8	1289.1	1274.4	1256.3	1234.5
234	1182.6	1184.1	-769.4	1180.5	1175.8	1167.8	1155.9	1141.3	1128.4	1110.8	1093.7
235	814.5	849.7	-1088.6	876.8	886.1	891.0	890.6	874.1	874.5	861.7	856.2
236	777.7	801.7	-1124.7	851.3	869.5	887.0	899.2	898.8	914.9	918.7	928.8
237	742.4	762.7	-1169.3	807.7	831.2	854.5	877.3	889.1	921.8	947.3	980.5
238	744.7	759.7	-1173.5	803.6	825.9	846.4	874.2	893.2	927.6	950.1	985.1
239	748.4	759.8	-1174.5	803.3	825.3	846.4	870.0	884.8	921.1	945.7	983.4
240	724.9	740.1	-1195.6	779.0	801.5	837.0	846.7	852.5	879.0	884.2	918.5
241	670.7	710.2	-1204.7	781.3	809.1	839.5	854.0	855.9	871.4	865.6	874.1
242	336.0	314.4	-1660.2	273.0	257.5	242.6	233.1	226.8	259.7	280.8	336.2
243	473.9	454.8	-1517.0	418.4	404.0	389.3	376.6	364.3	355.0	344.7	340.2
244	1101.2	1079.2	-897.0	1034.3	1016.9	998.6	981.5	960.9	956.7	925.0	920.5
245	1065.6	1038.3	-943.8	980.9	956.2	929.4	902.7	865.2	843.2	754.2	743.1
246	889.4	902.3	-1057.5	893.2	891.7	888.4	880.5	865.0	864.8	854.5	845.4
247	837.9	853.2	-1090.1	869.6	875.4	874.0	866.9	841.0	835.8	820.8	814.4
248	820.2	832.3	-1108.4	851.3	854.9	857.5	857.3	845.9	848.2	765.6	758.0
249	835.5	846.4	-1098.5	859.4	863.5	865.9	865.9	851.7	860.9	763.6	754.4
250	607.6	644.7	-1272.0	712.7	739.5	765.8	785.3	792.1	806.8	805.5	812.2
251	521.9	536.9	-1401.8	565.8	581.8	596.7	607.2	610.3	629.1	626.8	642.2
252	97.6	101.5	-86.6	110.8	112.9	119.8	123.4	121.2	134.0	131.3	132.8

Table LXXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 319	R: 320	R: 321	R: 322	R: 323	R: 324	R: 325
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	620.8	648.8	677.1	703.8	733.2	763.2	791.5
3	736.5	746.1	753.1	755.9	756.9	756.3	753.5
4	741.7	751.9	758.9	762.0	764.4	766.1	765.7
5	754.9	758.9	760.6	759.1	757.0	751.6	745.5
6	756.7	759.9	761.2	760.2	760.1	757.2	751.7
7	764.6	765.0	763.1	757.9	750.0	742.8	734.2
8	773.4	772.6	770.2	765.5	759.5	753.8	747.2
9	859.6	829.5	800.1	770.3	738.5	708.8	680.6
10	580.8	603.6	629.3	652.4	678.8	705.9	731.7
11	747.9	749.8	745.4	737.0	727.2	718.9	709.1
12	752.8	750.4	744.7	738.9	730.4	722.9	713.7
13	730.4	729.5	727.7	725.7	718.8	710.2	700.3
14	731.3	730.1	730.4	727.9	721.9	715.1	707.1
15	714.2	713.9	711.8	706.9	700.6	694.7	686.0
16	717.8	717.3	715.7	711.7	706.4	701.1	694.5
17	853.3	828.6	804.2	779.9	755.0	733.0	714.5
19	650.6	667.1	665.7	666.4	664.5	659.8	652.5
20	637.5	660.7	671.8	673.1	672.3	669.2	664.4
21	648.6	653.5	657.3	656.8	654.7	651.1	645.8
22	653.3	659.5	664.6	664.2	662.7	659.3	654.9
23	608.9	615.8	622.3	629.3	634.8	628.4	619.1
24	601.3	612.6	619.3	624.2	626.3	625.9	621.6
25	600.5	614.6	622.6	629.1	635.6	641.7	645.1
26	601.7	611.4	622.5	629.8	637.3	641.4	643.9
43	584.4	585.0	585.4	584.5	584.3	584.6	584.6
44	706.0	713.5	717.5	720.2	722.3	723.9	724.9
67	582.3	594.8	604.2	612.8	620.5	625.2	628.4
68	585.8	597.2	609.3	618.0	626.6	629.5	632.1
85	769.0	774.6	777.5	776.5	773.8	769.9	764.6
86	742.9	763.5	781.0	794.1	807.3	819.7	829.4
87	664.9	691.5	716.2	737.5	759.9	781.0	799.4
88	607.1	629.6	649.5	666.8	684.9	699.8	716.0
89	544.6	558.1	573.6	587.7	602.2	620.7	640.8
90	553.6	565.7	579.0	593.5	607.4	622.0	639.9
91	554.9	563.1	576.0	588.4	600.8	618.3	638.0
921	871.1	838.3	806.1	772.9	737.2	704.0	672.6

Table LXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 319	R: 320	R: 321	R: 322	R: 323	R: 324	R: 325
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	646.4	679.6	710.7	739.0	770.4	802.2	831.3
93	576.5	599.9	621.8	643.8	669.8	696.7	722.0
94	648.5	678.1	707.0	733.8	763.6	794.2	822.5
95	595.5	616.8	635.0	651.1	669.3	684.3	700.6
125	631.1	639.5	644.3	645.8	645.9	643.5	637.5
126	635.1	643.4	648.5	650.4	650.3	647.6	642.3
128	941.2	929.7	918.5	906.3	894.7	884.3	874.4
132	502.5	517.6	532.3	545.9	561.3	577.9	593.9
201	1163.9	1143.1	1119.7	1093.0	1062.7	1032.1	1001.8
202	1212.7	1203.4	1190.8	1173.9	1154.5	1133.9	1112.5
203	1222.2	1225.1	1224.2	1217.9	1209.6	1200.0	1187.5
204	1183.6	1200.2	1212.0	1217.0	1221.3	1223.1	1222.4
205	1093.3	1122.2	1146.2	1163.5	1181.3	1196.6	1207.8
206	992.7	1027.8	1058.7	1083.1	1109.4	1133.6	1153.5
207	905.6	941.9	974.5	1002.0	1031.9	1060.7	1085.5
208	844.4	880.4	913.6	942.0	973.3	1003.7	1030.5
209	1056.3	1065.0	1069.7	1069.0	1066.9	1062.7	1056.4
210	1116.1	1127.9	1136.0	1137.6	1138.2	1136.6	1132.6
211	1164.8	1179.9	1190.2	1194.1	1197.4	1198.4	1196.2
212	1170.1	1184.9	1195.3	1199.8	1203.7	1205.7	1204.7
213	1125.9	1137.4	1145.1	1147.4	1149.0	1148.9	1146.1
214	1061.1	1069.2	1073.9	1073.9	1072.7	1070.8	1066.1
215	867.0	834.9	803.4	771.4	737.1	704.9	673.9
216	762.9	773.4	780.9	784.2	785.9	785.9	783.8
217	772.5	782.1	788.8	791.8	793.9	795.1	794.6
218	648.5	679.6	709.5	737.2	767.9	798.5	827.1
219	631.3	638.0	643.6	645.7	644.8	642.3	638.9
220	629.2	637.9	646.2	649.3	648.8	646.1	643.2
221	571.4	587.4	601.5	612.2	622.7	631.1	638.1
222	573.4	588.8	602.0	612.1	619.4	625.9	632.7
223	543.1	560.4	575.3	586.1	594.8	604.4	610.5
224	541.9	557.6	571.6	581.8	591.8	600.6	609.1
225	807.8	783.9	760.6	737.2	712.5	689.4	666.7
226	968.6	936.5	904.4	871.7	836.5	802.9	771.5
227	1021.5	990.6	959.7	927.5	892.4	858.9	827.2
228	1091.2	1062.9	1033.2	1001.3	966.2	931.5	898.1

Table LXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 319	R: 320	R: 321	R: 322	R: 323	R: 324	R: 325
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	727.2	762.0	794.8	824.3	856.5	888.8	918.0
230	558.7	575.8	592.0	609.8	626.5	646.4	666.4
231	895.4	898.0	897.7	893.4	887.4	880.4	872.1
232	1002.6	1008.2	1010.5	1007.4	1003.0	997.0	989.0
233	1000.3	1004.5	1006.1	1003.5	1000.1	995.9	990.0
234	898.3	899.6	898.8	895.0	890.0	884.8	878.4
235	605.2	638.8	650.9	659.4	665.6	666.8	665.7
236	584.3	604.0	623.8	640.7	656.5	667.3	673.6
237	558.6	576.2	591.4	606.4	626.2	641.2	657.1
238	557.1	575.8	588.7	602.9	620.9	635.0	658.1
239	558.3	574.8	587.2	602.8	622.2	637.2	653.6
240	542.4	556.3	568.8	581.5	596.7	617.6	641.9
241	503.0	534.6	562.4	584.5	607.2	626.8	643.6
242	253.9	236.4	220.9	206.7	193.5	183.1	175.1
243	357.9	342.5	329.0	316.5	303.8	293.4	284.0
244	833.1	815.4	798.9	782.3	766.1	752.3	740.0
245	805.8	783.6	762.2	740.9	718.4	697.7	678.0
246	675.9	678.8	681.1	679.4	670.2	666.4	660.3
247	626.5	640.9	649.4	653.3	656.7	653.5	647.7
248	615.9	624.7	634.2	639.0	640.9	641.3	640.2
249	628.4	637.9	644.7	647.1	647.2	648.6	647.0
250	451.1	482.8	510.4	533.2	554.9	573.5	587.6
251	389.3	401.2	414.3	424.0	435.7	445.8	453.1
252	72.1	79.7	84.3	85.1	88.8	92.2	92.3

Table LXXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 339	R: 340	R: 341	R: 342	R: 343	R: 344	R: 345	R: 346	R: 347	R: 348	R: 349
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	624.6	649.0	677.1	704.4	733.9	763.0	792.7	821.9	852.5	882.6	913.6
3	742.8	747.7	753.2	756.5	757.9	758.4	756.5	752.9	746.6	739.5	730.0
4	739.0	747.9	755.7	761.0	764.4	765.1	763.3	759.7	754.3	748.5	741.7
5	760.6	760.0	760.2	759.3	758.1	753.9	748.6	742.4	733.8	725.1	715.0
6	753.3	755.5	757.8	759.2	759.6	756.0	748.9	742.3	732.0	723.6	714.9
7	772.0	766.4	762.6	758.4	753.6	748.5	742.3	727.9	716.9	708.6	697.8
8	769.8	768.3	767.0	764.2	759.1	752.5	744.3	735.2	725.1	715.3	706.9
9	857.3	826.5	797.3	768.6	738.3	709.1	680.0	651.2	616.7	589.8	562.4
10	583.5	604.0	629.1	653.1	679.6	705.8	733.0	760.0	788.7	817.6	847.3
11	751.9	749.5	744.1	736.7	728.4	721.3	711.6	700.9	687.1	673.8	658.5
12	751.0	746.6	741.8	737.6	729.8	721.9	711.2	698.6	684.2	670.2	655.4
13	734.4	729.6	727.3	725.6	720.1	712.9	704.2	694.6	681.6	668.7	651.9
14	728.5	726.2	727.4	726.7	721.3	714.0	704.0	692.0	679.5	666.5	650.6
15	718.0	714.0	711.1	707.1	702.0	697.1	688.8	679.7	668.3	656.4	640.2
16	714.7	713.3	712.5	710.3	705.7	699.7	691.6	682.3	672.0	659.7	644.2
17	851.3	825.8	801.7	778.5	754.9	733.2	713.3	696.6	680.8	668.6	638.8
19	656.9	668.4	665.4	667.2	665.9	662.1	654.8	650.7	648.2	644.8	638.3
20	636.4	657.0	668.5	671.5	671.1	667.7	662.5	659.4	656.9	655.4	646.5
21	651.8	653.9	657.3	657.7	656.5	653.5	648.6	641.5	628.8	621.8	615.6
22	654.0	656.7	661.7	662.7	661.6	657.9	652.7	644.6	615.9	607.3	604.1
23	612.9	616.9	623.9	632.7	636.3	631.2	620.8	611.7	592.5	580.6	573.4
24	600.8	610.0	617.7	623.9	626.6	626.0	620.8	614.8	595.8	585.8	580.6
25	605.5	615.7	623.2	631.0	637.4	642.7	645.6	649.5	647.4	649.6	628.9
26	602.7	610.4	621.6	630.8	639.1	642.7	646.1	648.7	646.8	649.7	617.1
43	585.1	584.0	584.0	584.5	584.4	584.7	584.7	584.4	583.9	584.1	584.9
44	704.2	709.0	713.9	719.0	722.0	723.0	722.9	721.5	719.2	716.6	713.5
67	587.1	596.2	605.3	614.9	622.4	626.4	629.0	632.6	631.3	635.0	570.2
68	587.3	596.5	608.9	619.2	628.8	630.9	634.4	635.9	634.1	635.3	570.4
85	775.1	775.7	776.9	776.6	775.0	772.1	767.4	761.3	752.3	742.9	732.0
86	741.8	759.7	777.6	793.4	807.6	819.0	828.4	834.9	840.5	844.9	848.9
87	670.5	693.2	717.2	738.9	760.9	781.6	801.4	820.1	838.0	855.2	871.2
88	608.3	627.5	647.6	665.9	684.4	699.1	716.9	735.0	756.8	780.5	805.9
89	545.4	557.3	572.9	588.4	603.1	621.1	641.9	657.5	675.1	696.9	721.0
90	554.8	566.2	578.5	593.6	607.0	621.3	640.3	656.3	674.7	696.8	720.7
91	556.6	562.6	575.0	588.5	601.0	617.8	637.9	655.1	674.5	697.2	722.3
921	869.6	835.8	803.2	771.4	737.6	705.8	674.3	643.3	612.7	594.3	553.3

Table LXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 339	R: 340	R: 341	R: 342	R: 343	R: 344	R: 345	R: 346	R: 347	R: 348	R: 349
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	649.7	679.4	709.8	739.9	771.2	802.0	833.7	863.2	894.1	924.7	955.7
93	579.3	600.5	621.1	644.6	670.6	696.8	724.1	750.3	779.0	807.7	837.4
94	652.2	677.8	706.2	734.3	764.3	793.9	824.2	853.1	883.4	913.3	943.9
95	596.8	615.0	633.3	650.6	669.0	684.0	701.3	719.7	741.7	765.5	790.9
125	635.4	640.4	644.6	647.1	648.0	645.9	639.7	627.5	594.5	574.9	562.3
126	633.7	640.6	645.9	648.9	649.6	646.4	640.4	629.1	602.7	585.3	572.5
128	941.3	927.1	916.1	905.8	895.2	884.8	874.1	865.3	855.3	845.7	836.9
132	503.3	517.1	530.3	544.6	559.6	576.3	593.5	612.1	631.7	652.3	672.5
201	1163.3	1139.1	1116.3	1091.4	1063.1	1033.1	1000.0	966.5	928.7	892.3	853.9
202	1213.2	1199.7	1187.7	1172.9	1155.2	1135.1	1111.0	1086.2	1057.4	1028.7	998.2
203	1223.8	1221.6	1220.9	1217.4	1210.3	1200.9	1187.4	1170.7	1150.3	1129.8	1106.5
204	1186.5	1197.1	1208.5	1217.0	1221.8	1224.0	1222.9	1217.2	1208.2	1198.3	1185.1
205	1097.1	1119.8	1143.3	1163.8	1181.8	1197.3	1209.4	1216.2	1220.3	1222.8	1222.8
206	996.9	1026.0	1056.0	1083.9	1109.7	1133.9	1155.7	1172.4	1187.4	1200.8	1212.2
207	909.5	940.3	972.2	1002.7	1032.4	1060.6	1087.8	1110.0	1131.9	1152.4	1171.8
208	848.2	879.2	911.6	942.7	973.9	1003.6	1032.9	1058.4	1083.7	1107.9	1131.1
209	1062.8	1064.6	1068.0	1068.9	1067.7	1064.9	1058.9	1050.3	1038.0	1025.2	1009.2
210	1121.6	1127.0	1133.6	1137.7	1138.9	1138.6	1134.9	1127.7	1117.0	1105.5	1090.8
211	1169.1	1177.8	1187.4	1194.2	1198.1	1200.1	1197.9	1191.7	1182.0	1171.4	1157.4
212	1171.0	1180.8	1191.5	1199.6	1204.1	1206.1	1204.1	1198.1	1189.0	1178.7	1165.9
213	1124.7	1132.3	1140.8	1146.7	1149.0	1148.6	1144.5	1136.7	1126.5	1115.5	1102.5
214	1058.4	1063.8	1069.7	1072.9	1072.9	1070.0	1063.7	1054.4	1042.7	1030.5	1016.6
215	865.2	832.0	800.6	769.8	737.1	705.3	673.5	641.0	604.7	580.1	549.9
216	769.4	775.0	780.9	784.7	786.9	787.9	786.5	783.6	777.7	771.0	762.4
217	769.9	777.6	785.2	791.0	793.9	794.2	792.1	787.9	782.0	775.6	768.3
218	652.4	679.8	709.4	738.0	768.6	798.4	828.7	858.0	888.5	918.4	948.9
219	634.2	638.6	643.6	646.7	646.4	644.4	641.3	632.9	622.0	614.8	611.4
220	630.2	635.1	643.0	647.5	647.7	644.6	640.7	630.4	603.0	601.2	603.0
221	575.3	588.1	600.8	611.6	622.1	630.2	637.0	639.9	638.4	637.2	638.6
222	574.5	587.7	600.7	611.8	620.0	626.7	633.8	638.5	638.2	637.9	640.6
223	546.1	559.0	572.9	584.9	594.0	603.4	608.6	610.4	608.3	605.9	604.1
224	541.8	556.3	570.1	581.5	592.4	601.3	609.8	613.7	613.4	612.2	613.3
225	806.7	781.6	758.1	735.8	712.5	689.6	666.5	636.6	603.9	584.5	572.8
226	966.7	933.1	901.6	869.9	836.4	803.2	769.4	736.8	702.2	670.3	639.1
227	1019.7	987.1	956.8	925.7	892.5	859.4	825.0	792.0	756.3	722.9	689.6
228	1089.7	1059.1	1030.3	999.5	966.4	932.2	895.1	859.4	819.8	781.3	741.6

Table LXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 339	R: 340	R: 341	R: 342	R: 343	R: 344	R: 345	R: 346	R: 347	R: 348	R: 349
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	730.9	761.6	793.8	825.0	857.4	888.7	920.4	949.3	979.0	1008.0	1037.1
230	559.8	574.7	591.4	609.7	626.8	646.4	667.1	688.9	713.3	738.7	765.7
231	901.5	898.4	896.7	893.2	888.4	882.8	875.2	866.0	853.6	841.4	827.4
232	1008.8	1008.2	1008.9	1007.5	1004.0	999.2	991.7	982.0	968.8	955.1	939.0
233	997.0	999.1	1001.9	1002.7	1000.0	995.0	987.0	976.9	964.5	952.1	938.5
234	894.3	894.4	895.0	893.9	889.8	883.6	875.1	865.0	853.4	841.9	829.6
235	608.8	639.7	650.7	660.5	666.7	668.4	667.3	662.7	657.9	653.9	646.4
236	587.0	604.4	623.6	642.6	657.5	668.1	675.3	681.5	688.7	696.7	704.3
237	559.9	575.1	590.6	606.7	626.7	641.3	657.6	673.7	695.3	718.0	740.3
238	558.3	574.1	587.9	603.0	621.2	634.8	657.8	676.8	697.7	720.5	745.0
239	559.5	572.5	586.3	602.3	622.1	636.9	654.0	672.5	694.4	718.2	743.9
240	538.5	551.0	563.0	576.1	591.1	608.5	633.6	647.3	658.1	670.2	684.3
241	503.3	532.9	560.8	584.2	606.4	624.2	640.0	648.3	652.3	655.2	648.4
242	252.5	235.4	219.5	207.1	194.7	185.5	178.3	173.5	181.8	209.3	238.0
243	357.0	341.3	327.6	316.0	304.0	294.1	285.3	276.3	268.0	261.4	255.2
244	832.5	813.1	796.6	781.4	766.4	752.8	739.8	729.1	718.5	703.3	677.6
245	804.7	781.2	759.8	739.6	718.3	697.9	677.4	659.1	606.2	574.3	557.5
246	679.1	679.6	680.8	680.0	672.1	668.9	661.8	656.5	652.9	647.1	635.5
247	630.3	641.8	649.4	654.3	658.0	655.5	650.1	638.3	628.5	623.3	613.8
248	619.1	625.7	635.0	640.6	642.9	643.3	641.8	640.1	637.6	587.1	563.7
249	627.8	635.7	642.8	646.7	647.7	649.2	647.5	645.7	643.2	584.7	561.2
250	458.2	485.0	511.9	535.0	556.5	574.8	589.5	600.1	606.5	610.7	612.8
251	390.3	400.6	411.3	422.2	434.5	445.8	454.0	462.3	469.5	475.3	479.7
252	74.9	78.9	83.0	85.8	89.6	91.9	94.6	94.2	94.3	103.7	102.9

Table LXXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 295	R: 296	R: 297	R: 298	R: 299	R: 300	R: 301	R: 302	R: 303	R: 304	R: 305
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	619.0	643.9	672.7	702.6	731.6	762.6	791.2	823.5	853.2	882.0	911.2
3	709.8	716.7	723.6	728.4	729.6	727.0	725.6	719.3	714.1	706.2	695.2
4	765.7	776.0	785.0	790.1	794.2	796.6	793.5	792.4	786.5	780.6	773.6
5	725.8	728.1	730.8	732.2	730.4	722.9	718.7	710.4	703.8	695.0	684.0
6	782.2	786.1	788.0	788.6	789.8	787.1	778.0	772.4	761.9	753.3	744.2
7	734.4	733.4	732.2	729.5	722.2	714.1	707.1	696.5	687.8	677.0	664.6
8	799.4	799.2	797.5	794.0	789.3	783.0	772.2	763.8	752.9	742.6	733.7
9	856.6	828.7	800.3	770.7	741.1	707.5	675.6	645.8	614.9	587.3	562.8
10	578.7	599.7	626.0	652.1	678.0	705.7	731.5	761.4	789.4	817.1	845.3
11	728.6	729.6	725.7	717.5	707.9	696.9	687.9	676.5	666.5	654.6	642.1
12	770.5	769.5	766.0	762.4	756.8	750.0	738.0	726.8	711.4	697.9	682.7
13	709.1	707.2	706.2	705.6	699.5	686.7	677.4	666.8	656.8	645.4	632.4
14	751.7	751.8	751.7	752.7	748.9	742.7	731.8	721.5	709.2	697.7	684.2
15	691.1	690.0	688.4	685.1	678.4	670.9	662.8	650.5	638.2	623.3	607.1
16	740.9	741.0	740.0	737.7	733.8	728.3	718.4	710.5	699.7	688.6	675.3
17	850.6	826.9	804.1	781.0	759.0	734.0	711.9	694.3	679.4	666.6	638.7
19	628.6	642.8	644.5	647.3	645.7	638.8	631.7	627.6	626.1	621.9	616.6
20	663.4	681.4	691.1	694.2	694.4	691.3	686.0	683.0	679.7	676.7	667.6
21	629.8	633.6	637.7	639.9	638.7	631.3	628.6	617.3	606.0	601.3	599.1
22	667.6	675.3	680.1	681.3	680.6	676.8	670.0	663.5	646.5	639.5	628.5
23	590.0	595.5	600.6	606.0	610.2	614.5	604.6	595.6	568.6	560.0	552.9
24	627.3	633.4	641.9	646.1	645.9	643.1	636.7	632.1	624.7	605.2	597.3
25	585.7	599.7	609.4	619.5	627.6	631.8	635.7	639.5	641.2	641.9	598.9
26	613.3	623.5	635.5	644.7	652.7	657.4	658.2	660.5	656.4	654.1	643.6
43	583.3	583.7	584.6	585.3	585.4	584.7	583.9	584.1	584.1	584.0	583.8
44	723.8	732.8	739.3	744.9	749.5	752.9	752.0	753.7	751.2	748.5	745.3
67	570.0	581.4	593.4	605.3	614.1	617.5	619.9	622.6	627.1	606.2	548.8
68	595.2	607.7	620.9	631.7	641.4	646.2	647.5	649.2	644.9	642.6	594.9
85	738.4	742.2	745.3	747.1	745.2	739.3	736.0	727.6	720.4	710.8	698.7
86	762.3	782.9	801.9	818.9	833.3	847.5	856.0	866.8	872.0	876.2	880.0
87	652.3	674.1	697.7	720.7	741.4	761.8	780.6	798.1	815.0	830.1	843.4
88	611.2	633.3	649.8	666.3	685.5	701.2	716.9	737.5	758.9	781.7	805.8
89	546.1	559.9	572.1	586.9	599.7	617.2	634.5	651.5	670.6	691.3	713.3
90	549.0	561.1	576.3	594.4	608.2	624.8	641.3	660.9	680.4	702.1	725.3
91	552.7	562.1	574.2	588.6	600.9	617.8	635.6	655.0	675.0	696.9	720.6
921	864.3	834.8	804.3	772.2	739.6	702.6	667.5	635.9	609.2	587.5	550.9

Table LXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 295	R: 296	R: 297	R: 298	R: 299	R: 300	R: 301	R: 302	R: 303	R: 304	R: 305
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	646.5	676.5	707.9	739.6	769.5	801.8	831.7	865.2	895.6	924.8	953.9
93	574.2	596.3	620.1	644.5	669.6	696.7	722.1	751.9	780.0	807.6	835.7
94	647.7	674.9	704.5	735.0	764.1	795.5	824.4	857.4	887.1	915.8	944.7
95	598.6	618.7	634.4	650.9	670.3	685.7	701.5	722.3	743.8	766.7	790.8
125	607.0	615.1	622.5	626.9	628.1	626.3	623.4	614.7	580.7	563.1	547.8
126	653.3	661.3	666.3	669.2	668.7	664.6	655.2	642.8	618.3	599.7	587.6
128	937.5	926.9	917.2	906.9	896.8	883.7	872.7	863.8	855.0	845.3	833.5
132	501.0	514.4	530.1	546.9	563.8	582.4	594.7	613.3	632.1	651.6	670.2
201	1158.7	1139.1	1117.8	1093.0	1065.9	1030.6	995.7	960.1	925.4	889.5	851.1
202	1207.6	1198.6	1188.3	1173.9	1156.7	1131.8	1107.2	1080.4	1053.5	1025.1	993.9
203	1217.5	1220.1	1221.3	1218.2	1211.3	1198.2	1183.7	1166.4	1147.8	1126.9	1102.5
204	1179.1	1194.6	1207.7	1216.9	1221.6	1221.3	1219.2	1214.0	1206.1	1195.3	1180.8
205	1090.1	1116.6	1141.5	1163.3	1180.4	1194.7	1205.9	1214.5	1219.0	1220.6	1218.6
206	990.0	1022.2	1053.8	1083.0	1107.9	1132.0	1152.6	1172.0	1187.0	1199.3	1208.5
207	903.9	937.3	970.4	1002.3	1030.4	1059.2	1084.8	1110.7	1132.5	1151.6	1168.6
208	842.9	875.7	909.1	941.9	971.6	1002.4	1030.2	1059.5	1084.3	1107.1	1128.3
209	1027.5	1034.2	1039.9	1042.5	1040.9	1033.4	1029.0	1018.6	1008.3	995.0	978.1
210	1092.3	1102.5	1111.7	1117.0	1117.8	1113.2	1110.4	1102.3	1093.2	1081.2	1065.2
211	1149.9	1163.5	1175.1	1183.4	1186.4	1184.9	1182.8	1176.4	1168.2	1156.8	1141.4
212	1176.3	1190.4	1202.4	1210.4	1214.9	1215.1	1211.3	1206.4	1197.9	1187.1	1172.8
213	1141.5	1153.0	1161.9	1167.6	1170.3	1169.1	1162.6	1156.2	1146.2	1134.5	1120.1
214	1083.8	1092.3	1098.3	1101.1	1101.6	1098.7	1089.5	1081.5	1069.9	1057.0	1042.2
215	860.9	831.6	801.6	770.0	738.2	701.5	667.9	635.7	606.5	587.4	552.1
216	734.7	742.6	750.1	755.7	757.4	755.5	755.0	749.5	744.9	737.5	727.3
217	797.5	807.5	815.4	821.0	824.7	826.6	822.8	821.0	814.8	808.1	800.6
218	646.2	673.4	703.5	734.4	763.9	795.5	824.6	856.7	886.2	914.6	943.1
219	613.5	619.7	625.4	629.9	628.6	624.0	621.9	603.4	596.6	597.3	597.7
220	640.4	652.4	660.3	665.5	666.2	663.5	659.6	652.8	638.7	631.1	622.7
221	560.7	575.3	589.4	602.7	615.5	622.6	628.1	629.8	630.2	631.7	630.9
222	584.2	597.9	610.5	622.1	631.5	639.5	645.3	649.1	648.3	646.2	643.5
223	535.1	547.9	563.2	581.2	588.4	595.5	599.3	598.9	597.7	596.3	602.7
224	550.3	564.2	578.5	590.9	600.7	612.9	619.5	624.5	624.5	622.8	619.6
225	805.3	783.4	761.2	738.1	715.1	689.2	664.4	632.4	604.3	585.5	572.8
226	965.6	935.7	905.5	873.6	841.2	803.1	767.1	732.8	701.3	670.4	639.2
227	1017.7	989.0	960.0	928.6	896.7	858.4	821.9	786.7	754.0	721.5	688.1
228	1087.1	1060.4	1032.9	1002.3	970.5	930.8	892.5	853.9	816.9	779.2	739.3

Table LXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 295	R: 296	R: 297	R: 298	R: 299	R: 300	R: 301	R: 302	R: 303	R: 304	R: 305
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	726.2	757.8	790.7	824.0	854.9	887.8	917.9	950.7	979.8	1007.4	1034.5
230	560.3	577.5	592.0	608.7	626.5	647.0	666.5	690.1	713.6	738.0	763.4
231	861.8	862.9	863.7	862.3	857.3	847.3	841.6	830.3	820.6	808.5	793.6
232	971.9	975.9	979.1	979.4	975.6	966.3	960.5	948.8	937.6	923.7	906.4
233	1025.6	1030.3	1032.9	1032.9	1031.1	1026.3	1015.3	1006.3	994.0	980.9	966.5
234	926.5	928.7	928.8	926.8	923.3	917.8	906.4	897.3	885.2	873.0	860.1
235	605.4	626.6	636.0	646.5	650.5	647.8	645.3	632.7	629.6	625.2	615.7
236	580.1	600.1	615.5	634.3	645.1	651.3	657.2	659.5	666.5	673.8	675.8
237	558.5	573.4	587.7	607.0	624.0	636.3	648.5	669.9	688.3	707.5	727.1
238	558.4	572.3	585.0	602.2	622.3	639.7	654.3	672.8	693.0	714.4	736.8
239	556.3	571.5	585.7	603.0	622.2	637.2	652.6	672.6	693.8	716.5	740.4
240	541.4	551.6	565.5	580.8	601.7	616.1	634.8	646.3	658.1	666.8	680.6
241	514.6	543.7	572.8	594.5	611.5	623.8	634.1	637.5	639.8	642.1	611.2
242	253.9	243.8	229.5	216.1	205.0	200.3	201.5	203.1	202.6	206.1	220.1
243	356.0	342.6	329.3	316.7	305.1	293.8	282.8	273.6	265.7	258.2	250.9
244	830.1	813.7	798.1	782.7	768.2	752.5	737.8	726.2	716.5	701.5	675.5
245	803.2	782.5	762.1	741.3	720.7	697.8	675.5	653.7	603.4	571.5	553.6
246	654.5	656.1	659.3	656.0	650.5	645.7	639.7	635.0	631.1	625.3	608.7
247	613.9	624.9	632.4	639.2	640.8	634.1	625.8	611.8	611.0	593.5	581.1
248	598.7	606.4	613.3	622.5	628.8	628.5	625.9	623.9	621.7	571.8	547.2
249	645.3	652.7	659.3	663.0	665.3	665.3	661.5	659.2	653.3	608.7	577.1
250	418.8	448.3	479.6	508.8	533.9	553.8	571.5	584.4	593.6	599.9	605.3
251	377.8	387.9	399.8	411.6	422.1	432.4	441.7	450.7	458.4	464.4	468.4
252	72.7	76.0	80.7	85.4	87.5	91.6	92.6	96.2	95.7	103.4	100.5

Table LXXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: $\beta = -2.0°$, $M_\infty = 1.15$, $q_\infty = 500.0$
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 284	R: 285	R: 286	R: 287	R: 288	R: 289	R: 290	R: 291	R: 292	R: 293	R: 294
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	621.0	648.3	675.7	704.3	733.7	764.5	793.6	822.5	850.6	879.5	909.2
3	765.0	774.8	780.4	782.9	786.4	786.5	784.0	778.6	773.1	765.8	757.4
4	711.8	723.0	728.0	732.9	735.5	738.2	737.7	734.4	730.0	723.6	713.5
5	784.8	788.7	788.6	786.1	786.4	781.5	774.8	766.6	758.9	749.9	740.3
6	724.2	729.0	729.8	731.5	731.4	730.3	724.8	718.7	709.6	700.7	689.3
7	794.9	795.0	790.8	784.2	779.8	773.2	761.9	750.3	740.1	728.9	716.3
8	740.2	741.6	739.1	736.1	731.6	727.5	721.4	713.1	704.7	694.7	683.7
9	852.7	827.1	797.3	765.2	737.4	708.5	678.7	649.5	619.2	591.7	563.8
10	581.0	603.9	628.2	653.4	679.6	707.3	733.8	760.6	787.2	814.7	843.4
11	768.4	770.5	766.0	758.0	751.6	744.4	734.3	721.9	709.5	696.2	680.2
12	732.0	729.1	721.7	714.8	706.4	699.8	690.4	679.1	668.0	654.8	639.6
13	753.0	752.9	749.9	747.7	744.5	736.5	727.1	716.9	707.3	695.7	681.5
14	705.9	705.8	706.3	703.0	697.5	691.3	682.4	670.2	659.1	645.7	630.4
15	738.1	738.4	735.1	729.5	726.0	720.2	711.1	700.4	691.3	680.8	667.8
16	689.5	690.5	688.0	684.8	680.6	676.3	669.2	659.2	648.6	632.5	611.2
17	848.0	826.4	801.4	775.1	753.7	732.2	711.5	693.9	679.5	667.1	633.8
19	676.0	689.2	686.2	686.5	686.7	681.9	676.1	670.2	668.0	663.0	655.9
20	615.8	636.4	649.7	651.4	651.1	648.3	642.8	641.7	639.5	637.6	627.9
21	664.6	672.1	674.9	673.9	674.1	670.7	665.5	657.8	645.7	639.6	635.9
22	636.4	641.5	645.6	646.2	645.7	643.0	640.5	615.1	599.8	592.3	589.0
23	628.2	635.6	643.9	649.6	651.9	649.6	645.3	639.5	630.6	602.3	590.2
24	583.9	594.4	600.3	604.5	608.7	614.9	615.4	609.1	586.6	572.8	566.1
25	616.0	629.1	637.1	644.8	651.9	657.3	660.6	661.0	657.9	655.7	649.7
26	589.1	599.5	608.4	619.0	628.6	634.3	638.1	640.1	640.0	641.3	603.1
43	583.1	584.5	584.0	583.6	584.2	585.3	585.3	584.5	584.3	584.2	584.0
44	683.0	687.9	691.6	694.7	695.4	697.4	697.7	696.0	694.3	691.0	685.1
67	595.4	608.1	617.9	628.0	636.8	641.4	646.0	645.6	643.3	640.5	599.9
68	575.5	586.7	597.1	608.8	618.8	623.5	626.6	627.6	629.1	615.9	555.7
85	800.4	805.8	806.9	804.9	804.5	801.4	795.3	786.9	778.6	768.9	758.8
86	718.9	737.9	753.1	768.5	781.0	793.9	803.5	810.3	815.6	819.4	820.1
87	679.1	706.2	730.7	754.5	778.2	800.8	820.6	838.8	855.8	871.7	887.9
88	599.8	622.1	638.1	657.8	678.9	698.8	716.0	734.0	754.3	774.7	794.3
89	541.0	553.6	569.5	586.1	604.2	624.2	645.4	662.1	680.0	699.6	722.6
90	553.9	566.7	578.0	591.7	602.1	620.0	638.2	651.7	669.7	690.2	712.5
91	549.8	559.9	571.7	585.8	599.4	618.7	639.3	655.3	673.7	695.0	718.6
921	865.6	837.8	805.4	771.3	740.2	707.6	675.9	644.5	616.9	596.8	559.4

Table LXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 284	R: 285	R: 286	R: 287	R: 288	R: 289	R: 290	R: 291	R: 292	R: 293	R: 294
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	647.9	679.0	708.4	740.6	770.6	803.0	833.4	863.1	892.3	921.5	951.3
93	576.2	600.6	620.3	645.3	670.5	698.0	724.2	750.6	777.5	805.0	833.6
94	648.2	676.4	703.6	733.2	762.3	793.3	822.5	851.3	879.5	908.2	937.4
95	589.3	611.0	625.7	644.1	664.6	683.6	700.9	719.0	739.4	760.8	781.9
125	653.4	661.3	664.2	665.0	665.3	661.7	653.6	639.3	612.8	591.6	573.5
126	610.8	621.8	627.7	631.1	632.2	631.7	629.2	622.4	594.2	575.6	561.7
128	938.1	929.4	917.2	904.8	896.3	888.0	877.9	867.9	858.6	848.7	837.3
132	500.7	515.3	529.0	543.9	562.0	582.6	597.7	613.3	631.7	650.8	669.3
201	1157.9	1141.0	1116.8	1088.3	1062.6	1033.5	1000.9	965.8	931.9	895.8	857.2
202	1207.9	1201.2	1187.5	1170.3	1154.1	1135.4	1112.1	1086.0	1059.2	1030.8	999.6
203	1218.5	1222.6	1220.2	1215.5	1209.3	1201.1	1187.7	1170.4	1151.9	1131.0	1107.0
204	1181.7	1198.0	1208.1	1215.9	1221.3	1224.7	1223.3	1217.3	1209.4	1198.6	1184.6
205	1092.3	1119.8	1141.8	1163.2	1181.2	1197.8	1209.1	1216.3	1220.3	1222.1	1220.9
206	993.1	1026.1	1054.9	1083.9	1109.5	1134.9	1155.7	1172.6	1186.7	1199.1	1209.2
207	906.4	940.5	971.1	1003.3	1032.2	1061.7	1087.7	1110.3	1130.9	1150.4	1168.3
208	845.4	879.3	910.3	943.2	973.5	1004.8	1032.8	1058.6	1082.3	1105.3	1127.3
209	1083.0	1091.4	1094.0	1093.2	1093.2	1091.2	1083.2	1072.4	1060.7	1047.4	1032.6
210	1136.3	1147.7	1153.5	1156.3	1158.6	1158.9	1153.8	1145.0	1134.8	1122.7	1108.8
211	1174.7	1189.3	1197.7	1203.7	1208.4	1211.3	1208.1	1201.1	1192.1	1181.0	1167.0
212	1155.7	1170.8	1179.9	1187.9	1192.7	1196.0	1194.7	1188.8	1180.9	1170.2	1155.5
213	1101.2	1113.6	1119.9	1125.4	1128.1	1129.4	1126.9	1119.6	1111.0	1099.5	1083.6
214	1028.4	1038.1	1041.9	1045.1	1045.1	1044.2	1040.0	1031.4	1021.6	1008.9	992.0
215	863.4	835.2	803.0	768.4	737.8	706.1	673.3	640.9	609.8	581.7	552.9
216	792.7	803.2	809.1	812.0	816.1	817.0	814.7	809.9	804.5	797.5	789.8
217	741.4	751.2	756.8	761.8	764.1	766.6	765.9	762.1	757.2	750.1	739.3
218	650.8	680.9	709.9	740.2	770.8	802.3	832.0	861.0	889.2	917.8	947.1
219	643.8	655.3	659.9	662.0	663.7	661.5	659.1	650.1	640.3	636.0	631.7
220	613.6	621.5	628.1	631.9	631.6	629.1	627.2	595.5	588.3	588.7	588.9
221	585.5	600.8	613.3	623.4	634.5	642.7	649.8	650.4	648.9	646.1	643.1
222	561.8	576.7	590.2	601.3	612.3	620.8	626.1	628.3	627.9	629.0	628.2
223	553.9	569.7	582.7	594.2	603.6	614.4	620.4	621.1	619.8	616.7	612.5
224	532.1	547.6	560.5	573.1	587.0	595.1	601.6	601.8	600.7	600.3	612.6
225	802.9	782.2	758.1	732.8	711.1	689.1	665.5	638.9	610.0	589.3	575.7
226	960.8	933.3	900.8	864.8	834.4	801.8	768.3	734.8	703.8	672.3	640.4
227	1014.2	988.0	956.6	921.4	891.1	858.9	824.9	790.7	758.6	725.7	691.8
228	1084.3	1060.3	1030.1	995.5	964.9	932.0	895.9	858.3	821.9	783.9	743.6

Table LXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 284	R: 285	R: 286	R: 287	R: 288	R: 289	R: 290	R: 291	R: 292	R: 293	R: 294
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	728.7	761.5	792.5	825.7	856.9	889.9	920.3	949.6	977.3	1005.0	1032.7
230	554.8	572.4	593.4	609.9	627.9	648.6	669.0	690.2	712.4	736.5	762.0
231	928.0	930.6	928.2	922.5	918.9	913.3	903.5	891.9	880.3	867.8	854.5
232	1031.4	1037.1	1037.1	1033.5	1031.5	1027.3	1017.8	1005.9	993.2	979.3	964.3
233	965.3	971.6	972.3	972.5	970.2	967.4	961.6	952.2	941.8	928.8	911.9
234	860.5	864.2	863.1	861.5	857.9	854.2	848.2	839.1	829.5	817.6	802.2
235	614.4	648.4	662.7	673.1	682.4	686.6	687.3	684.2	680.8	677.0	670.6
236	570.3	606.0	627.2	647.1	666.6	680.9	692.0	698.6	707.0	714.9	721.6
237	554.5	572.3	587.1	604.8	625.1	645.7	663.9	681.9	700.1	721.4	745.3
238	554.9	570.3	584.1	601.2	621.2	639.1	656.1	676.0	700.5	722.5	745.9
239	554.9	573.2	584.2	600.2	620.8	638.4	655.9	674.4	694.6	717.0	741.1
240	532.7	546.7	560.3	574.0	593.6	621.2	639.2	647.5	657.6	668.3	682.4
241	489.1	522.7	552.9	580.1	604.5	629.7	647.1	657.2	664.1	668.2	668.8
242	254.0	239.7	222.8	211.9	199.2	193.1	192.0	191.7	194.1	201.1	217.9
243	355.3	342.0	327.3	314.9	303.8	294.2	284.3	275.7	268.8	261.4	253.9
244	828.0	813.4	796.0	778.5	765.3	752.9	739.7	728.2	718.6	703.8	675.8
245	800.5	781.5	759.5	736.2	717.2	697.8	676.8	654.0	610.3	577.6	557.8
246	698.6	701.9	702.8	701.1	693.4	689.6	682.6	675.0	671.5	664.8	655.8
247	638.7	656.3	664.5	668.4	675.6	673.7	669.2	659.6	650.0	643.7	635.3
248	636.2	645.5	652.1	655.5	658.7	658.8	656.2	650.7	644.8	613.3	577.8
249	602.0	617.8	625.0	631.8	635.0	637.2	635.4	631.7	627.6	580.9	549.4
250	487.7	514.6	539.1	560.4	579.6	594.4	607.3	614.0	618.1	619.6	618.8
251	404.5	415.3	424.7	433.7	444.0	455.9	465.2	473.7	480.5	485.3	488.2
252	74.2	79.0	81.8	86.4	88.9	93.0	94.4	94.3	92.5	100.6	108.3

Table LXXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 310 Pi	2.0° R: 311 Pi	4.0° R: 312 Pi	6.0° R: 313 Pi	8.0° R: 314 Pi	10.0° R: 315 Pi	12.0° R: 316 Pi	14.0° R: 317 Pi	16.0° R: 318 Pi
2	643.2	670.4	700.0	728.3	756.0	786.0	817.8	849.2	879.3
3	669.2	672.3	675.3	674.2	668.9	663.6	658.9	650.8	640.6
4	830.6	840.7	848.1	851.1	854.3	855.1	854.7	852.2	848.5
5	677.1	682.1	681.3	675.7	667.5	662.3	654.9	646.5	636.5
6	844.0	846.7	847.9	847.2	844.5	839.0	833.5	824.8	817.5
7	681.7	679.1	674.2	667.5	661.3	653.0	645.1	635.9	625.0
8	857.3	855.7	852.6	845.6	839.0	830.5	821.7	812.1	802.2
9	819.5	791.9	763.2	731.1	698.3	667.4	639.8	608.9	589.0
10	598.7	624.6	650.4	675.2	699.8	727.1	756.4	785.9	814.8
11	704.5	697.5	680.3	679.5	669.6	651.5	646.0	642.7	640.0
12	815.7	814.3	812.5	807.9	803.0	796.0	786.9	775.6	762.0
13	674.2	678.8	673.3	667.4	660.0	645.4	636.8	630.0	624.1
14	802.1	802.4	805.2	801.0	796.3	790.0	780.8	772.3	762.3
15	654.8	652.9	648.1	643.6	637.2	628.3	621.4	611.6	601.1
16	795.3	794.4	792.4	787.1	781.7	774.3	766.8	757.9	747.9
17	819.8	793.8	770.1	745.4	721.5	701.7	686.7	671.7	649.3
19	623.2	621.7	616.2	606.1	602.2	591.1	594.2	594.7	596.3
20	729.0	735.4	739.9	739.0	737.3	735.8	732.7	729.3	726.2
21	602.3	605.8	608.7	609.6	605.4	596.3	579.2	569.5	565.2
22	712.1	716.7	719.1	717.4	715.2	710.7	706.4	696.5	689.4
23	567.7	573.6	578.9	584.2	583.6	583.1	572.8	541.8	524.5
24	670.3	678.3	681.2	680.5	678.9	675.6	671.6	662.4	646.0
25	579.8	590.8	601.5	606.5	608.1	612.3	620.7	621.8	611.1
26	658.0	667.8	675.8	680.2	683.0	684.1	684.8	681.6	675.5
43	585.5	585.6	586.4	585.4	584.1	584.0	585.1	585.5	585.9
44	777.5	788.1	796.1	801.0	806.7	810.5	813.9	815.3	815.1
67	567.6	577.6	591.7	593.1	592.9	594.8	599.1	595.5	550.7
68	639.3	650.2	661.1	667.6	671.1	675.3	676.6	674.3	668.5
85	687.9	678.6	689.4	686.4	679.4	669.8	668.1	659.5	649.5
86	827.7	848.4	868.0	883.2	897.8	910.8	922.9	932.6	940.3
87	648.4	666.7	686.7	704.0	717.9	733.5	750.4	765.2	778.1
88	633.9	649.6	662.0	680.6	696.6	715.0	737.0	759.8	783.2
89	559.5	572.9	580.1	591.2	602.2	617.3	638.4	659.1	679.6
90	556.2	577.3	588.5	605.6	622.0	642.0	665.2	689.4	713.9
91	561.0	577.4	586.6	601.3	614.0	629.5	651.0	673.7	696.3
921	827.0	794.8	762.7	728.4	693.7	660.1	630.4	602.2	563.0

Table LXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 310	R: 311	R: 312	R: 313	R: 314	R: 315	R: 316	R: 317	R: 318
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	676.0	705.7	737.7	767.2	796.2	827.5	860.1	891.9	922.1
93	595.6	619.5	643.6	667.3	691.4	718.3	747.4	776.7	805.4
94	676.2	704.8	735.6	764.6	793.3	824.1	856.4	888.3	918.5
95	618.0	633.7	646.3	665.4	681.5	699.9	722.0	745.0	768.5
125	580.8	588.6	593.4	596.3	595.7	593.0	585.9	556.0	540.3
126	704.3	707.6	708.8	705.5	700.5	690.5	677.7	657.6	634.7
128	919.3	909.1	900.2	888.8	877.3	867.7	860.8	852.3	841.2
132	517.5	530.9	546.4	561.7	577.1	594.5	612.9	630.9	649.2
201	1128.6	1106.3	1082.1	1050.8	1017.0	983.2	951.8	917.7	882.4
202	1188.0	1176.1	1162.0	1141.1	1117.0	1093.1	1070.6	1044.6	1016.9
203	1210.4	1209.6	1207.0	1197.3	1183.6	1169.5	1156.1	1138.7	1118.6
204	1185.4	1196.6	1206.7	1208.8	1207.3	1205.3	1203.3	1196.7	1186.6
205	1109.1	1131.9	1154.3	1169.6	1181.3	1192.5	1203.2	1209.3	1211.8
206	1016.7	1045.9	1075.8	1099.5	1120.3	1141.5	1162.0	1178.6	1191.5
207	933.0	964.1	996.3	1023.8	1049.0	1075.4	1101.7	1124.9	1144.6
208	872.7	904.2	937.2	966.2	993.4	1022.2	1051.1	1077.7	1101.3
209	977.1	979.5	981.9	978.6	970.3	964.0	958.2	947.8	934.5
210	1055.0	1061.0	1066.0	1065.1	1059.6	1055.4	1051.5	1042.8	1030.9
211	1132.9	1142.0	1150.4	1151.6	1148.6	1145.8	1143.2	1135.6	1124.5
212	1203.0	1213.8	1222.9	1224.3	1222.9	1220.7	1218.0	1211.3	1201.7
213	1184.9	1193.7	1200.7	1200.4	1197.9	1193.7	1189.0	1181.2	1170.7
214	1139.8	1146.2	1150.3	1148.0	1143.8	1137.5	1130.4	1120.8	1109.6
215	819.5	789.0	757.9	723.7	688.5	655.0	623.6	596.5	568.9
216	689.3	695.7	699.5	699.3	693.1	691.0	687.7	681.0	672.2
217	863.7	872.9	880.3	883.0	885.5	885.6	884.4	881.2	877.0
218	669.5	697.4	727.4	756.0	783.8	813.6	845.0	875.7	904.9
219	592.3	598.9	602.0	602.9	596.3	583.7	563.8	561.2	561.2
220	687.5	695.1	702.1	703.6	703.7	702.4	699.1	692.2	686.8
221	562.7	576.9	587.4	595.6	602.8	610.2	617.1	620.4	619.0
222	627.8	639.1	649.3	656.5	661.7	667.9	670.6	671.3	669.0
223	543.1	552.6	563.3	572.0	577.4	582.8	585.3	585.1	585.5
224	591.5	604.1	616.6	626.1	634.2	640.8	646.8	649.9	650.0
225	774.8	751.8	729.5	704.8	678.9	654.7	629.4	594.8	571.2
226	931.0	900.2	868.0	832.1	795.6	760.7	730.2	699.1	669.1
227	980.6	950.5	918.8	883.3	846.9	812.5	781.7	749.6	717.9
228	1052.2	1024.1	993.7	958.1	920.2	883.2	848.9	812.5	775.6

Table LXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 310 Pi	2.0° R: 311 Pi	4.0° R: 312 Pi	6.0° R: 313 Pi	8.0° R: 314 Pi	10.0° R: 315 Pi	12.0° R: 316 Pi	14.0° R: 317 Pi	16.0° R: 318 Pi
229	756.2	787.4	820.7	851.1	880.6	911.8	944.0	974.7	1003.3
230	547.1	567.1	605.6	623.6	641.1	662.2	686.2	711.3	736.6
231	799.9	797.7	796.4	790.6	780.8	772.9	766.0	755.6	743.5
232	917.2	917.0	917.1	911.9	902.2	894.4	887.2	875.7	861.7
233	1084.5	1088.0	1089.2	1084.5	1078.9	1071.0	1062.3	1052.2	1040.7
234	990.0	991.1	990.0	983.8	977.5	968.8	959.7	949.3	938.4
235	605.4	612.6	617.9	614.7	602.6	593.4	589.8	579.5	567.5
236	592.3	603.6	611.2	616.1	615.9	614.2	619.5	621.5	621.6
237	570.4	582.7	592.9	611.8	622.6	633.5	650.3	667.8	684.9
238	565.8	585.4	598.6	613.0	626.2	641.1	660.3	680.5	700.6
239	569.0	586.5	598.4	615.2	630.0	647.4	668.7	691.0	713.7
240	545.7	558.4	572.3	588.2	599.9	613.3	626.2	637.2	654.9
241	561.8	576.5	591.3	600.9	605.4	609.5	615.1	619.8	560.3
242	297.2	286.1	275.5	264.5	255.4	246.9	239.0	231.6	225.0
243	336.3	322.0	309.8	296.7	283.1	270.7	260.8	251.9	243.9
244	806.3	789.4	773.8	756.6	739.3	725.1	714.8	704.9	694.4
245	774.3	753.0	732.4	709.4	685.5	662.6	638.8	602.5	572.3
246	590.9	615.9	623.7	619.2	604.4	602.4	604.9	599.9	587.7
247	604.5	608.5	610.5	607.3	596.5	581.5	565.6	558.9	551.9
248	573.9	583.0	593.3	600.8	604.2	604.1	601.1	587.4	550.7
249	689.0	695.1	697.8	697.1	695.3	691.6	686.6	677.1	664.0
250	398.2	430.3	462.0	488.9	511.0	535.2	554.1	568.5	577.9
251	366.4	377.2	390.3	404.5	412.7	422.0	430.5	439.2	448.0
252	75.3	78.0	82.6	84.3	84.7	96.9	99.7	90.7	109.5

Table LXXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 326	R: 327	R: 328	R: 329	R: 330	R: 331	R: 332	R: 333	R: 334	R: 335	R: 336	R: 337	R: 338
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	733.6	735.2	736.4	736.1	735.4	735.6	733.9	734.6	734.0	731.8	730.3	728.3	723.1
3	843.4	818.1	802.1	787.5	773.0	766.6	758.1	751.2	744.2	729.4	716.9	703.2	673.9
4	681.8	707.1	723.6	737.6	752.2	758.5	765.6	772.0	778.1	791.7	804.2	817.9	846.8
5	843.6	818.2	802.1	787.3	773.0	766.5	758.3	751.2	744.3	729.7	717.6	704.3	675.4
6	679.6	704.0	719.9	733.5	748.0	754.0	761.0	767.0	773.3	787.0	799.6	813.5	843.3
7	835.0	811.5	796.3	781.0	765.2	759.5	751.5	744.2	737.2	722.2	709.9	697.0	670.6
8	680.2	703.9	719.7	733.3	747.7	753.6	760.4	766.4	772.6	786.2	798.6	812.2	841.7
9	728.5	734.6	737.3	738.1	737.9	738.3	739.7	738.8	738.1	737.4	736.6	735.2	730.3
10	679.3	680.8	681.9	681.7	680.9	681.1	679.6	680.2	679.7	677.8	676.4	674.8	670.3
11	801.5	778.9	765.1	752.6	740.6	735.3	728.8	723.0	717.5	706.6	698.1	688.8	675.8
12	665.3	684.3	696.8	707.8	720.0	725.1	731.1	736.2	741.4	753.5	764.7	777.1	804.5
13	796.1	774.4	759.1	746.0	733.4	727.2	720.8	714.8	709.1	698.0	689.7	681.0	665.5
14	659.4	676.2	688.0	699.0	711.3	716.5	722.6	727.9	733.3	745.6	757.2	769.7	797.4
15	775.4	753.0	739.3	726.6	714.6	709.3	702.2	696.1	690.0	677.6	667.9	658.4	642.1
16	640.0	657.3	670.2	682.1	695.2	700.7	707.0	712.4	718.0	730.7	742.5	755.3	783.6
17	740.5	748.5	753.8	754.6	756.1	756.1	756.0	755.4	755.3	755.6	754.9	752.4	743.9
19	731.8	711.3	698.9	687.6	676.8	672.2	666.2	661.2	656.2	645.6	636.8	627.0	604.3
20	616.0	632.3	643.1	652.5	662.8	667.3	672.4	676.7	681.1	691.2	700.9	711.8	735.7
21	713.0	695.3	684.6	675.0	665.9	662.1	657.0	652.6	648.1	638.8	630.5	622.0	609.3
22	618.8	632.8	640.2	647.0	654.9	658.7	662.6	665.9	669.1	676.9	684.8	693.8	714.1
23	684.1	668.7	660.2	652.3	644.9	641.6	636.3	632.4	628.2	611.8	601.6	593.4	579.3
24	583.9	594.6	602.9	610.2	619.5	624.6	627.7	631.1	634.2	641.7	649.2	657.8	676.5
25	680.2	667.6	660.2	652.9	645.5	642.2	637.3	634.2	631.1	624.3	618.9	612.9	600.0
26	608.9	619.5	625.7	630.2	634.9	637.5	639.7	642.5	645.2	650.7	655.9	662.2	676.6
43	585.1	585.3	585.6	585.3	585.3	585.4	584.9	584.7	584.5	584.0	583.7	583.6	583.4
44	644.9	667.9	683.9	697.2	710.7	716.7	723.1	729.1	734.7	747.1	758.5	770.8	797.2
67	664.1	652.1	644.8	637.9	630.6	627.3	622.3	619.5	616.7	610.2	605.1	599.5	587.4
68	597.3	609.5	615.9	620.2	624.9	627.4	629.4	632.2	634.8	640.0	644.8	650.5	664.0
85	864.5	837.4	820.8	805.2	790.4	783.8	774.8	767.5	760.0	744.5	731.3	716.8	686.3
86	729.9	754.9	770.2	783.4	796.7	802.5	808.6	814.9	820.3	831.9	842.6	854.3	878.1
87	812.1	798.0	789.2	780.2	770.7	766.9	760.8	757.1	752.4	741.9	732.9	722.9	700.6
88	658.6	669.1	675.7	681.0	685.2	685.6	685.0	685.9	686.0	684.8	683.6	681.8	676.9
89	604.0	604.9	606.3	605.9	604.6	604.6	603.3	603.0	601.7	598.8	597.1	594.6	589.6
90	591.5	598.1	602.5	603.7	605.6	607.5	607.4	607.9	607.3	606.3	605.8	605.5	601.9
91	598.5	599.4	600.0	601.0	600.9	601.8	601.2	601.5	601.0	599.5	599.1	598.7	597.6
921	726.2	732.5	733.9	740.9	743.0	741.7	738.7	735.5	735.2	735.1	734.0	735.5	727.0

Table LXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 326	R: 327	R: 328	R: 329	R: 330	R: 331	R: 332	R: 333	R: 334	R: 335	R: 336	R: 337	R: 338
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	769.7	771.9	773.1	773.1	772.5	772.7	771.1	771.9	771.6	769.6	768.1	766.2	761.0
93	670.1	671.7	672.8	672.6	671.8	672.0	670.5	671.1	670.8	669.1	667.9	666.3	662.1
94	758.5	761.7	764.0	764.7	765.0	765.4	764.3	765.5	765.5	764.3	763.5	762.4	759.0
95	648.2	657.1	662.8	666.6	669.5	670.0	669.5	670.4	670.5	669.3	668.1	666.2	661.3
125	702.9	686.0	675.7	666.4	657.5	653.7	648.4	643.9	639.1	628.8	620.2	611.2	595.6
126	606.5	617.0	625.9	633.4	642.3	646.5	650.4	653.8	656.9	665.0	672.8	681.6	701.8
128	893.9	895.9	896.7	897.6	896.4	896.1	896.2	895.5	894.8	894.0	890.5	888.3	885.3
132	559.8	561.8	564.1	563.2	562.0	562.2	559.7	559.6	558.9	557.2	557.1	556.5	555.0
201	1052.7	1059.6	1062.7	1063.7	1064.4	1064.0	1064.6	1063.4	1062.1	1060.2	1058.6	1056.2	1049.9
202	1144.4	1151.7	1154.8	1156.0	1156.6	1156.1	1156.2	1155.1	1153.9	1151.6	1149.7	1146.6	1139.2
203	1199.9	1206.9	1210.4	1211.7	1212.2	1211.8	1211.3	1210.4	1209.5	1207.3	1205.2	1201.9	1193.4
204	1213.8	1219.8	1222.8	1223.7	1223.9	1223.5	1222.4	1222.0	1221.1	1218.8	1216.5	1213.0	1204.2
205	1174.4	1180.0	1183.0	1183.9	1183.9	1183.8	1182.2	1182.3	1181.5	1179.1	1176.4	1172.9	1163.5
206	1105.0	1109.4	1111.7	1112.2	1112.0	1111.9	1109.9	1110.2	1109.8	1107.2	1104.7	1101.5	1092.5
207	1028.7	1032.3	1034.4	1034.8	1034.5	1034.5	1032.5	1033.0	1032.6	1029.9	1027.7	1024.8	1016.7
208	971.4	974.5	976.1	976.1	975.6	975.8	973.8	974.4	974.0	971.6	969.4	966.8	959.2
209	1139.7	1120.2	1107.5	1094.3	1081.7	1075.9	1067.8	1060.8	1053.7	1038.7	1025.3	1010.0	977.0
210	1192.2	1179.2	1170.2	1160.1	1150.2	1145.6	1139.0	1133.6	1127.8	1115.4	1104.4	1091.3	1062.2
211	1222.1	1218.4	1215.3	1210.4	1205.1	1202.6	1198.3	1195.5	1191.7	1183.9	1176.5	1167.8	1147.7
212	1163.8	1179.7	1188.7	1195.4	1201.3	1203.3	1205.0	1207.3	1208.9	1211.9	1214.8	1216.6	1218.9
213	1081.0	1105.1	1118.8	1130.8	1141.6	1145.6	1150.4	1154.7	1158.9	1166.8	1174.1	1181.3	1194.7
214	985.1	1014.8	1032.5	1047.8	1062.3	1067.6	1074.6	1080.6	1086.4	1098.2	1109.0	1119.9	1142.3
215	734.7	738.3	738.5	738.3	737.7	737.5	738.5	737.7	736.9	733.8	732.1	729.7	723.1
216	874.5	848.2	832.2	817.0	802.3	795.8	786.9	779.8	772.5	757.1	743.9	729.4	698.8
217	707.9	734.9	751.7	766.2	781.5	787.8	795.2	801.8	808.2	822.1	834.9	849.0	878.6
218	774.7	774.5	774.6	773.2	771.2	770.9	768.7	768.7	767.8	764.5	761.5	758.4	750.4
219	702.2	684.4	674.1	664.6	655.6	651.9	646.7	642.4	638.0	628.7	620.8	613.5	603.0
220	601.2	618.7	625.9	632.8	640.8	644.8	648.6	652.0	655.2	662.6	670.4	679.4	700.2
221	659.3	648.7	642.1	635.7	628.8	626.0	622.2	620.6	618.1	612.8	607.5	601.9	591.4
222	596.7	604.5	609.8	613.8	616.5	618.7	620.5	622.5	624.6	629.9	634.9	640.5	653.6
223	629.4	619.1	611.3	604.8	598.5	596.6	594.2	592.9	592.3	586.5	582.3	577.9	569.3
224	571.5	579.3	584.3	588.6	589.8	591.8	592.9	594.6	595.8	599.9	604.4	610.1	623.0
225	701.1	707.6	710.7	711.9	712.4	712.7	713.7	713.2	712.9	712.3	711.3	709.7	703.2
226	822.7	830.4	833.6	835.0	836.4	836.5	838.0	837.3	836.7	836.1	834.9	833.7	831.7
227	881.6	886.1	890.9	892.1	893.0	892.9	894.1	893.1	892.2	891.4	890.7	889.3	883.2
228	954.4	961.6	964.8	965.9	967.0	966.9	968.0	966.8	965.7	964.5	963.6	962.1	958.1

Table LXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 326	R: 327	R: 328	R: 329	R: 330	R: 331	R: 332	R: 333	R: 334	R: 335	R: 336	R: 337	R: 338
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	856.4	858.5	859.7	859.6	858.9	859.1	857.2	857.9	857.5	855.1	853.3	851.0	844.6
230	625.9	626.9	630.1	629.8	628.6	628.6	627.1	627.5	627.2	625.7	624.8	623.6	619.9
231	979.1	952.7	935.9	919.8	904.6	897.7	888.4	880.4	872.5	855.7	841.2	825.2	790.5
232	1084.0	1061.4	1047.2	1032.6	1018.8	1012.6	1003.9	996.7	989.0	973.5	959.7	944.2	910.7
233	909.1	939.0	957.1	972.9	988.3	994.3	1001.6	1008.2	1014.6	1027.9	1039.9	1053.1	1079.6
234	794.7	824.9	843.7	860.2	876.9	883.4	891.4	898.4	905.4	920.2	933.7	948.4	979.0
235	715.7	701.0	692.2	683.4	675.3	672.1	666.9	663.0	658.9	650.0	642.6	634.3	614.6
236	684.6	677.7	673.4	668.0	663.1	661.7	657.7	654.9	652.0	644.7	638.5	631.7	614.6
237	626.8	627.5	628.2	627.0	627.6	628.3	627.1	626.7	625.8	623.0	620.5	616.9	608.1
238	618.0	620.7	622.7	623.0	622.9	623.2	621.6	621.3	620.6	621.4	622.2	618.8	609.8
239	613.1	618.6	622.0	622.8	623.1	623.6	622.6	623.1	623.0	621.3	619.5	617.2	612.1
240	586.3	590.6	594.1	595.1	593.1	593.0	591.6	592.7	593.5	592.0	590.2	586.9	577.9
241	603.7	605.2	606.2	606.3	605.1	605.8	606.5	607.4	609.9	608.6	606.9	604.8	597.8
242	257.9	239.2	216.8	202.0	195.1	193.3	193.4	193.7	194.8	200.6	211.3	226.1	259.3
243	292.9	298.8	302.2	304.0	304.0	304.0	304.3	303.9	303.9	304.2	302.8	300.1	294.3
244	754.3	761.7	765.2	766.4	767.2	767.2	767.3	766.9	766.5	765.7	764.2	761.3	753.9
245	705.1	713.1	716.6	717.9	718.7	718.8	719.4	719.0	718.8	718.1	716.7	714.4	707.7
246	740.0	718.3	705.7	694.1	683.2	678.6	672.2	666.8	661.3	650.0	640.9	631.5	617.2
247	712.9	696.5	686.3	676.6	667.4	663.6	658.5	654.2	649.7	640.6	633.4	625.6	607.9
248	691.2	676.3	667.7	659.4	651.4	647.9	642.8	638.9	635.1	627.7	621.2	613.1	595.3
249	603.2	618.6	629.1	636.8	642.9	645.6	648.8	652.1	655.1	661.7	668.5	676.2	693.3
250	620.7	602.8	591.6	580.7	568.6	563.7	556.0	551.1	545.5	533.3	522.7	510.8	485.1
251	475.9	460.4	452.1	444.9	439.3	437.1	434.6	432.3	428.9	421.9	417.7	413.2	403.2
252	87.5	90.0	81.5	81.6	81.1	81.4	89.5	80.3	80.0	87.7	85.9	83.7	87.5

Table LXXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 309	R: 306	R: 307	R: 308
	Pi	Pi	Pi	Pi
2	793.3	795.9	793.9	786.7
3	783.4	758.9	727.3	665.6
4	736.4	765.2	795.5	853.3
5	774.3	750.8	720.3	664.0
6	723.8	750.6	779.9	837.1
7	760.3	738.0	709.0	654.6
8	719.9	745.7	773.8	828.7
9	677.4	680.3	676.7	667.3
10	733.4	735.8	733.9	727.5
11	733.6	713.5	689.3	652.1
12	689.0	712.4	739.5	794.2
13	726.7	704.7	679.3	644.9
14	681.0	705.5	733.4	788.4
15	710.4	690.7	664.2	629.1
16	667.9	692.9	720.0	772.7
17	710.6	715.0	713.2	702.2
19	675.5	656.2	633.0	591.9
20	641.7	664.1	687.6	734.2
21	664.9	649.9	630.3	597.0
22	639.3	654.0	671.5	709.3
23	644.6	622.5	605.8	583.9
24	614.5	622.3	638.2	674.3
25	660.1	647.5	637.1	613.4
26	637.2	647.8	659.9	683.3
43	584.7	586.1	585.3	583.9
44	696.5	724.7	753.8	808.7
67	645.6	630.6	621.4	596.1
68	625.7	636.1	649.3	674.4
85	794.7	769.8	737.5	672.0
86	802.5	830.7	858.3	909.3
87	820.5	804.6	782.9	735.6
88	715.8	719.0	718.9	715.8
89	645.0	644.2	636.6	618.0
90	637.6	642.4	643.3	642.0
91	638.7	640.7	637.7	629.6
921	674.1	673.9	668.3	659.2

Table LXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 309 Pi	0.0° R: 306 Pi	2.0° R: 307 Pi	6.0° R: 308 Pi
922	832.9	836.0	834.3	827.2
93	723.8	726.3	724.5	718.3
94	822.1	826.9	827.2	824.2
95	700.4	703.6	703.5	700.4
125	652.8	640.9	624.9	593.4
126	627.9	641.0	656.4	689.0
128	876.7	876.7	874.6	868.2
132	597.1	595.4	596.6	594.4
201	999.2	1002.8	997.5	984.1
202	1110.7	1114.7	1109.4	1094.1
203	1186.2	1191.0	1186.3	1170.5
204	1221.9	1226.5	1222.1	1206.2
205	1208.3	1212.8	1209.0	1193.2
206	1154.7	1159.0	1155.8	1141.8
207	1086.8	1090.7	1088.1	1075.5
208	1032.1	1035.8	1033.5	1022.2
209	1082.2	1062.2	1031.2	966.6
210	1152.8	1138.5	1112.8	1057.6
211	1207.0	1201.6	1185.5	1147.5
212	1193.4	1207.5	1214.4	1220.6
213	1125.4	1147.8	1165.4	1193.0
214	1038.5	1066.6	1092.1	1136.3
215	671.9	673.4	668.8	654.8
216	814.1	789.2	756.8	693.3
217	764.8	794.0	824.9	883.5
218	831.6	831.7	827.3	814.4
219	656.4	643.1	623.4	584.7
220	626.1	642.1	661.1	701.1
221	649.4	639.2	629.6	611.5
222	625.1	635.9	647.0	667.8
223	620.0	610.6	600.7	583.8
224	600.7	611.5	621.1	640.2
225	664.1	666.7	665.5	654.4
226	767.0	771.1	768.4	761.2
227	823.6	827.1	823.3	813.3
228	894.5	898.1	894.0	884.2

Table LXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 309	R: 306	R: 307	R: 308
	Pi	Pi	Pi	Pi
229	919.9	923.0	920.8	911.8
230	668.7	670.0	668.7	663.2
231	902.8	877.9	843.4	775.4
232	1016.9	995.0	962.6	897.0
233	960.3	989.4	1017.8	1069.4
234	846.8	877.1	908.3	967.1
235	686.7	669.4	646.5	595.1
236	691.5	677.3	658.8	616.1
237	663.5	660.4	650.5	634.6
238	655.7	660.8	656.4	642.0
239	655.6	656.7	654.7	648.4
240	636.3	636.1	636.3	614.0
241	646.6	641.9	635.5	611.3
242	194.2	176.8	198.5	243.2
243	283.4	284.3	283.3	269.5
244	738.8	741.5	739.3	725.5
245	675.5	678.3	676.7	662.7
246	681.9	663.7	640.9	602.8
247	668.6	651.7	627.1	582.5
248	655.6	643.6	627.3	604.9
249	634.4	649.1	663.3	690.6
250	607.1	591.7	573.0	536.9
251	465.2	456.0	443.0	422.9
252	94.0	97.4	95.6	96.9

Table LXXX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 665.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 979	R: 980	R: 981	R: 982	R: 983	R: 984	R: 985	R: 986	R: 987	R: 988	R: 989	R: 990
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	825.5	839.8	874.8	912.4	950.4	988.5	1030.8	1069.3	1110.4	1148.5	1189.8	1227.6
3	986.8	993.1	1003.8	1011.6	1014.3	1016.5	1017.7	1017.0	1011.6	1004.3	993.8	980.7
4	983.3	992.9	1009.2	1021.9	1023.5	1025.6	1026.8	1025.1	1019.2	1012.7	1004.2	994.5
5	1014.9	1017.6	1020.2	1024.3	1026.3	1026.1	1020.5	1007.6	998.1	988.2	975.4	961.3
6	1006.7	1010.4	1015.5	1019.7	1022.2	1020.8	1015.4	1004.9	993.3	983.0	970.8	958.5
7	1031.4	1031.6	1028.8	1023.5	1016.1	1007.2	1000.5	992.4	979.0	965.8	949.5	932.7
8	1031.6	1033.2	1033.3	1030.7	1027.5	1022.4	1010.1	999.8	986.3	974.0	959.7	946.4
9	1171.0	1154.2	1115.3	1073.7	1032.3	992.8	950.8	914.3	872.7	833.0	792.8	756.6
10	769.0	781.1	812.9	848.4	880.3	913.5	951.3	986.3	1024.6	1061.6	1101.4	1138.3
11	935.0	939.8	949.9	953.0	955.3	951.1	949.7	947.2	940.2	931.9	926.8	914.4
12	934.3	938.2	944.5	950.9	954.3	956.8	955.3	950.8	943.2	935.4	925.7	915.6
13	943.7	946.3	950.4	957.7	960.2	959.3	956.9	947.4	940.5	933.8	928.2	925.8
14	940.3	944.4	950.6	959.1	962.4	961.4	956.5	947.3	938.2	930.7	923.8	917.8
15	958.3	960.0	960.8	959.3	953.4	948.5	943.7	938.2	927.4	918.1	905.3	892.7
16	944.1	947.2	950.7	951.5	949.6	945.8	940.2	932.1	922.0	912.8	899.2	885.3
17	1160.5	1146.5	1114.3	1079.9	1046.1	1015.4	984.7	960.4	936.1	917.6	901.4	885.6
19	856.8	865.8	887.6	895.2	896.5	894.3	887.5	880.4	873.3	871.4	866.4	859.3
20	836.3	851.9	881.3	900.3	901.3	901.2	897.8	892.7	884.3	881.2	876.6	868.8
21	871.9	875.5	879.5	882.4	882.4	881.2	876.2	869.6	856.7	847.2	837.8	828.9
22	874.4	879.0	883.3	888.8	889.1	888.0	883.4	876.3	861.4	827.6	816.0	810.3
23	818.7	822.6	828.2	835.2	844.2	850.5	841.8	826.6	812.1	783.8	776.1	766.8
24	775.7	781.1	797.2	799.6	808.8	818.2	812.1	805.9	799.9	770.8	762.6	756.4
25	800.1	811.1	827.6	836.7	846.9	854.8	861.8	866.8	870.0	871.7	874.1	807.5
26	798.7	808.9	819.0	833.0	844.2	854.2	859.4	863.7	865.2	866.2	859.9	776.2
43	921.0	931.8	948.4	961.6	964.6	970.9	976.6	983.0	984.9	974.0	965.8	955.1
44	908.0	920.0	936.7	948.8	957.4	965.9	969.4	969.2	965.7	961.5	954.3	945.9
67	774.8	785.1	799.4	811.5	823.8	831.9	839.9	843.0	845.8	849.8	824.1	755.3
68	775.6	785.5	798.9	814.2	827.4	838.2	842.5	845.9	847.1	849.3	788.0	754.6
85	1031.4	1034.4	1037.7	1035.1	1035.9	1036.5	1033.1	1029.2	1020.2	1009.5	996.4	982.1
86	984.1	996.0	1022.5	1045.7	1064.5	1082.7	1099.5	1111.4	1120.4	1127.6	1134.0	1138.0
87	881.2	897.3	928.5	960.5	991.0	1019.6	1050.7	1076.4	1103.1	1126.7	1150.4	1169.9
88	799.7	815.9	831.6	847.4	868.2	895.5	915.4	937.7	964.0	992.2	1025.4	1057.0
89	721.7	729.6	747.9	767.9	788.6	806.4	833.1	861.3	884.8	908.0	939.2	969.9
90	732.2	741.3	758.2	774.2	794.3	810.1	834.7	858.5	881.8	906.5	937.3	967.5
91	733.5	740.6	754.7	771.0	789.3	804.6	831.4	858.7	883.2	909.2	941.1	972.4
921	1183.0	1164.5	1122.4	1077.6	1033.0	989.9	943.7	904.7	860.1	820.5	797.1	738.4

Table LXXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 865.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 979	R: 980	R: 981	R: 982	R: 983	R: 984	R: 985	R: 986	R: 987	R: 988	R: 989	R: 990
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	849.4	869.7	910.3	951.9	993.1	1033.8	1076.4	1118.5	1161.3	1201.6	1243.4	1282.2
93	764.0	776.2	811.0	836.3	867.0	900.1	937.5	972.3	1010.5	1047.5	1087.3	1124.1
94	858.5	874.8	910.0	947.6	985.8	1024.1	1066.8	1105.6	1147.2	1186.5	1227.9	1266.0
95	784.5	800.3	816.0	832.1	853.0	880.5	900.3	922.8	949.1	977.5	1010.9	1042.6
125	845.3	850.7	859.2	864.0	866.3	866.4	862.9	854.9	833.2	796.3	769.4	749.7
126	841.8	848.2	858.4	865.5	867.2	866.1	861.2	853.0	834.1	807.5	781.4	763.1
128	1270.5	1264.1	1248.3	1231.8	1215.9	1201.3	1187.0	1174.5	1159.8	1147.8	1134.5	1121.3
132	666.7	673.7	690.6	707.9	727.3	747.9	770.7	795.2	820.6	849.8	877.7	902.8
201	1571.8	1562.3	1534.8	1501.5	1465.3	1427.9	1385.7	1345.5	1294.8	1247.5	1196.2	1146.7
202	1631.6	1628.4	1615.5	1596.4	1575.3	1551.4	1523.5	1495.2	1457.4	1420.7	1381.4	1341.8
203	1639.0	1642.8	1644.7	1641.4	1635.2	1625.0	1612.6	1595.9	1571.4	1546.0	1517.2	1487.0
204	1579.5	1591.0	1610.1	1624.2	1634.2	1639.9	1643.7	1642.8	1635.4	1624.2	1610.0	1592.7
205	1453.6	1471.6	1504.4	1534.9	1562.1	1584.7	1607.5	1623.6	1634.2	1640.0	1643.1	1642.5
206	1315.5	1336.6	1377.1	1416.6	1453.3	1486.6	1521.6	1549.5	1574.6	1594.9	1613.4	1627.0
207	1197.1	1218.8	1261.5	1304.1	1345.7	1383.9	1424.8	1459.1	1492.8	1521.7	1549.7	1573.5
208	1118.5	1139.7	1182.3	1225.7	1268.4	1308.8	1352.4	1390.0	1427.9	1461.6	1495.0	1524.4
209	1418.6	1424.4	1430.7	1433.5	1434.1	1432.1	1428.8	1423.5	1411.0	1395.8	1378.0	1357.2
210	1493.7	1501.8	1512.4	1519.5	1523.7	1525.0	1525.2	1521.9	1511.7	1498.3	1482.0	1462.6
211	1554.6	1565.0	1580.4	1592.4	1600.8	1605.1	1608.6	1607.4	1598.4	1586.4	1571.2	1552.3
212	1559.7	1570.3	1588.3	1601.3	1610.8	1615.9	1619.4	1617.7	1608.7	1597.5	1582.4	1565.7
213	1498.0	1507.0	1520.8	1530.7	1537.2	1539.6	1539.1	1534.6	1523.0	1510.2	1494.9	1477.6
214	1411.4	1418.3	1428.7	1435.2	1438.2	1437.3	1433.6	1426.0	1411.8	1397.5	1380.6	1362.2
215	1179.7	1161.8	1120.9	1077.1	1033.8	992.2	946.6	906.6	860.3	815.4	777.9	741.2
216	1023.2	1029.3	1039.6	1046.8	1052.5	1055.3	1057.3	1057.6	1053.0	1046.3	1036.7	1024.7
217	1025.3	1032.6	1044.9	1054.2	1061.1	1064.4	1065.1	1062.6	1056.0	1048.9	1039.8	1029.6
218	856.9	874.3	911.7	951.0	990.5	1029.5	1072.6	1111.8	1153.9	1193.3	1234.8	1272.7
219	843.8	849.3	857.1	863.1	866.0	866.0	862.7	858.2	847.0	837.1	824.7	821.0
220	836.3	843.3	852.4	861.7	865.6	866.4	863.0	856.5	839.1	806.9	805.5	808.7
221	760.6	769.3	788.1	805.1	820.0	833.4	846.3	855.0	856.4	857.9	857.8	860.3
222	759.9	768.8	787.1	804.2	819.4	829.7	840.0	847.8	853.4	855.1	857.3	853.7
223	719.7	730.1	748.7	767.4	783.7	797.2	808.5	815.7	817.8	816.4	813.4	814.0
224	716.2	725.4	745.1	763.5	778.8	792.1	804.1	814.0	820.4	821.4	821.6	834.8
225	1098.0	1084.6	1053.5	1020.2	987.5	956.4	922.5	892.9	850.7	812.9	783.6	766.9
226	1315.6	1298.3	1257.3	1212.7	1167.2	1123.5	1076.0	1032.8	983.0	939.2	893.0	852.0
227	1386.1	1369.7	1330.4	1287.0	1242.4	1198.9	1151.8	1106.9	1054.8	1009.3	960.9	915.8
228	1479.0	1464.4	1428.2	1386.6	1342.8	1299.5	1250.9	1206.1	1151.6	1101.4	1047.5	995.5

Table LXXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 665.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 979	R: 980	R: 981	R: 982	R: 983	R: 984	R: 985	R: 986	R: 987	R: 988	R: 989	R: 990
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	960.3	980.2	1021.3	1064.2	1106.6	1148.3	1193.6	1234.1	1276.4	1315.1	1354.8	1391.2
230	736.6	745.6	765.1	791.8	817.1	837.3	866.3	893.8	924.8	956.4	992.2	1025.6
231	1207.2	1208.9	1208.0	1204.4	1199.1	1192.9	1185.5	1177.6	1163.9	1149.1	1131.8	1113.0
232	1348.7	1352.3	1355.4	1354.7	1351.9	1347.2	1341.0	1333.6	1319.1	1302.9	1283.9	1262.6
233	1334.4	1339.2	1344.9	1347.3	1346.7	1342.6	1335.6	1325.8	1310.2	1295.1	1277.8	1259.7
234	1198.1	1201.1	1203.7	1203.3	1200.4	1194.6	1185.8	1175.3	1160.0	1145.9	1129.6	1113.1
235	803.8	821.4	849.3	868.3	882.7	892.8	896.2	897.4	889.6	885.7	879.6	869.7
236	755.3	773.7	808.2	833.6	855.9	878.2	892.8	905.4	914.9	925.9	936.8	943.2
237	734.5	745.2	769.0	788.8	811.6	838.0	860.3	882.5	905.6	932.2	965.9	993.7
238	734.4	744.8	765.8	784.0	805.4	832.1	853.0	881.2	909.7	936.7	967.5	996.7
239	738.4	747.9	767.4	783.9	804.9	832.8	853.4	876.0	902.2	930.6	964.2	996.1
240	711.5	718.4	733.9	750.6	767.3	786.1	809.4	836.4	862.6	877.9	892.2	911.8
241	654.1	673.5	712.4	748.7	781.0	810.0	834.7	854.3	868.2	874.7	879.2	851.9
242	345.8	340.6	318.5	297.3	279.3	263.4	246.6	236.4	230.5	241.9	286.2	319.7
243	485.8	477.3	457.5	438.9	422.4	406.7	391.6	380.0	367.2	357.4	347.3	339.2
244	1126.8	1116.7	1093.3	1069.1	1046.3	1026.0	1005.8	989.5	971.9	957.7	931.8	893.8
245	1094.0	1081.5	1052.3	1021.5	991.6	963.4	933.1	906.1	869.2	805.2	767.6	745.9
246	898.0	896.5	906.3	910.3	902.2	899.1	895.0	889.5	880.5	875.6	871.2	859.8
247	837.4	847.0	862.8	872.7	878.3	880.7	877.2	871.3	855.3	845.3	837.7	825.3
248	825.1	828.7	838.5	849.8	858.0	860.6	860.9	859.6	856.5	847.2	767.7	752.6
249	838.8	844.0	855.0	862.2	867.6	867.8	867.6	864.6	856.7	840.3	769.0	752.1
250	589.0	607.7	645.7	682.1	714.9	743.1	770.2	790.1	805.2	814.0	819.6	821.5
251	515.7	522.0	536.5	550.8	565.1	580.1	596.2	610.4	623.0	632.8	641.2	647.0
252	99.4	91.0	105.4	101.3	116.2	120.0	127.7	130.0	124.0	134.3	134.7	141.3

Table LXXXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 955	R: 956	R: 957	R: 958	R: 959	R: 960	R: 961	R: 962	R: 963	R: 964	R: 965
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	626.0	648.5	677.4	703.6	730.6	759.2	789.8	820.9	853.1	884.1	912.4
3	739.1	746.4	752.7	755.5	756.4	756.0	754.9	753.0	749.0	742.0	731.1
4	737.4	747.0	755.4	760.0	762.1	761.9	760.3	758.4	754.5	748.7	740.1
5	756.3	758.8	759.8	758.4	756.6	751.7	747.0	742.4	736.1	727.4	715.8
6	751.7	755.9	758.5	758.7	757.8	752.9	744.6	739.1	732.4	723.9	713.5
7	766.9	766.0	763.0	757.9	751.6	744.2	736.8	729.3	720.4	709.2	695.7
8	768.1	768.9	767.6	763.6	757.6	749.9	741.7	734.3	725.9	715.8	704.1
9	854.5	828.4	798.1	768.3	738.6	708.1	678.4	651.0	620.9	593.8	563.9
10	583.1	604.2	630.9	653.7	677.4	703.0	730.8	759.4	789.6	819.1	846.6
11	698.7	705.1	709.1	708.7	707.1	704.9	702.4	699.7	695.1	687.2	676.2
12	698.9	702.5	707.8	711.4	711.7	709.0	705.4	701.9	696.9	689.3	679.0
13	704.1	707.1	709.7	711.8	710.8	706.6	702.4	699.3	695.3	688.6	679.1
14	702.5	707.3	712.0	715.1	713.4	707.5	701.5	697.8	692.8	685.5	675.5
15	714.0	715.4	715.1	712.3	708.1	702.9	697.2	691.4	684.9	675.8	663.5
16	704.8	707.7	709.0	707.2	703.4	697.9	691.5	685.6	679.3	670.6	658.5
17	849.8	827.9	803.0	778.3	754.7	731.5	711.3	695.7	681.6	667.7	638.5
19	655.3	667.7	669.7	667.3	665.4	660.9	656.6	649.4	650.3	647.8	641.0
20	638.0	657.1	669.7	671.5	670.7	666.3	658.7	659.3	657.5	654.8	646.6
21	650.1	654.0	657.5	657.3	654.8	650.4	645.1	637.2	630.6	624.5	616.7
22	653.3	657.7	663.1	662.6	660.4	656.1	650.7	642.1	617.9	609.2	602.3
23	612.1	617.0	623.2	629.5	634.4	627.3	614.0	606.5	586.4	581.0	572.4
24	578.5	587.8	592.2	598.3	604.4	599.7	593.7	591.7	571.1	566.1	561.2
25	603.1	615.2	622.9	629.9	635.0	639.5	642.8	646.6	648.6	650.2	608.6
26	601.8	609.5	620.8	628.5	635.1	638.4	641.7	644.8	646.2	643.3	583.0
43	690.3	701.2	711.4	717.6	721.6	724.0	725.6	726.6	724.9	720.2	711.2
44	682.4	694.2	705.2	712.2	716.6	718.6	719.2	719.0	717.0	712.4	704.5
67	584.8	595.4	604.9	613.3	618.6	624.0	625.5	628.8	632.0	624.6	567.2
68	585.5	595.5	607.9	616.9	624.2	626.5	629.3	632.2	633.9	596.3	564.2
85	772.1	775.6	777.4	776.4	773.8	770.1	766.2	761.7	755.2	745.9	733.4
86	742.0	760.4	778.9	793.3	805.6	816.0	825.5	834.0	841.0	845.9	847.7
87	669.6	691.9	717.0	738.1	758.3	778.4	799.3	819.9	839.9	857.5	871.3
88	606.7	625.7	647.0	664.6	680.9	695.3	713.3	733.3	756.4	780.7	804.0
89	544.5	557.0	572.9	587.4	600.4	617.0	638.6	656.1	675.8	698.2	720.3
90	553.6	565.8	578.9	592.7	604.7	617.8	637.4	655.1	675.5	697.9	719.8
91	553.0	562.7	575.3	587.7	598.5	613.9	634.9	653.8	675.2	698.4	721.4
921	866.5	838.3	805.5	773.2	741.0	707.6	675.4	645.5	616.0	596.6	557.1

Table LXXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 955	R: 956	R: 957	R: 958	R: 959	R: 960	R: 961	R: 962	R: 963	R: 964	R: 965
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	649.7	679.2	711.3	740.5	769.0	799.0	831.1	862.7	895.5	926.5	954.9
93	578.5	601.9	623.7	646.0	669.1	694.2	721.8	749.9	779.8	808.9	836.4
94	653.0	677.7	707.2	734.3	761.6	790.5	821.5	852.4	884.5	915.0	943.0
95	595.3	613.5	633.0	649.2	665.6	680.2	698.1	718.2	741.6	766.0	789.3
125	633.7	639.8	644.2	645.6	645.5	642.0	636.4	623.1	595.6	576.6	560.5
126	633.0	639.6	645.0	646.5	646.2	641.6	635.1	624.4	604.2	586.6	572.3
128	938.9	928.6	917.1	904.7	893.2	881.6	871.2	863.7	856.0	846.5	835.3
132	504.7	515.9	530.6	543.5	557.2	573.1	592.5	612.4	634.6	655.2	673.3
201	1160.6	1142.0	1117.8	1090.9	1062.7	1031.0	998.1	966.3	931.7	895.1	855.9
202	1211.0	1202.6	1189.4	1172.3	1153.7	1132.0	1108.6	1085.7	1059.7	1031.2	999.1
203	1221.1	1223.4	1222.4	1216.7	1208.2	1197.1	1183.9	1170.0	1152.8	1132.2	1107.2
204	1184.3	1198.5	1210.4	1216.5	1219.5	1220.0	1218.9	1216.4	1210.6	1200.3	1185.3
205	1096.0	1120.8	1145.1	1164.1	1179.3	1193.2	1205.3	1215.3	1222.6	1225.1	1222.6
206	995.5	1026.0	1057.1	1083.5	1106.7	1129.3	1151.1	1170.8	1188.9	1202.2	1210.9
207	909.6	941.7	974.8	1004.1	1030.7	1057.5	1084.8	1110.1	1134.6	1155.3	1171.8
208	850.4	882.4	916.3	946.3	974.7	1003.5	1033.3	1061.7	1089.8	1114.4	1135.2
209	1059.7	1065.4	1069.0	1068.3	1065.7	1061.4	1056.1	1049.9	1040.6	1027.7	1010.3
210	1117.1	1126.0	1132.7	1135.2	1134.8	1133.0	1129.6	1124.9	1117.3	1105.6	1088.9
211	1164.2	1176.8	1187.0	1192.0	1194.2	1194.4	1192.5	1189.3	1182.7	1171.6	1155.3
212	1169.0	1182.6	1193.3	1199.2	1201.7	1201.9	1199.8	1196.8	1190.4	1180.3	1165.4
213	1121.4	1132.4	1140.8	1144.5	1144.7	1142.7	1138.4	1133.6	1126.0	1114.7	1099.6
214	1055.6	1063.8	1069.6	1071.0	1069.0	1064.4	1058.0	1051.2	1041.9	1029.6	1013.8
215	862.3	834.6	802.4	770.8	739.0	705.9	673.2	642.1	608.7	582.0	552.8
216	766.6	774.5	781.2	784.3	785.6	785.6	785.1	783.9	780.4	773.9	763.7
217	768.5	778.2	786.1	790.2	791.8	790.9	788.7	786.4	782.1	775.8	766.5
218	653.5	679.1	709.7	737.1	765.3	794.4	825.7	856.8	889.2	919.8	947.7
219	632.1	638.2	643.8	645.6	644.6	641.3	637.8	631.0	624.4	616.2	611.6
220	628.0	634.6	643.0	645.6	644.8	640.8	636.3	627.3	602.3	600.8	601.7
221	573.8	586.9	600.3	610.4	619.7	628.0	634.5	638.7	639.5	638.9	639.1
222	573.9	586.2	599.7	609.8	616.9	623.4	629.8	636.0	638.3	639.9	638.6
223	545.3	558.0	572.7	583.9	593.2	600.7	606.0	609.5	609.6	607.4	605.3
224	541.7	555.0	569.7	580.1	589.1	597.0	605.1	612.0	613.6	613.8	621.4
225	804.3	783.5	759.5	735.9	712.3	687.6	663.4	636.0	608.1	588.4	575.3
226	963.6	935.3	902.6	869.3	836.3	801.7	767.9	736.4	704.4	672.2	640.2
227	1016.9	989.6	958.0	925.2	892.6	857.9	823.6	791.7	758.7	725.1	690.9
228	1087.6	1062.3	1031.9	999.1	966.1	930.4	893.9	859.3	822.2	784.0	742.9

Table LXXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 955	R: 956	R: 957	R: 958	R: 959	R: 960	R: 961	R: 962	R: 963	R: 964	R: 965
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	730.9	761.3	794.8	824.9	854.3	884.8	916.9	948.2	980.0	1009.5	1035.7
230	560.0	571.6	591.0	608.6	624.0	642.8	664.6	687.9	713.8	740.0	764.9
231	898.9	899.4	897.8	893.4	887.8	881.0	873.9	866.5	857.0	844.8	829.3
232	1005.6	1009.0	1009.6	1006.6	1002.1	996.1	989.3	981.7	971.4	958.0	940.1
233	996.4	1001.6	1004.3	1002.8	998.7	992.0	983.7	975.9	965.6	953.5	937.8
234	894.0	896.7	897.1	894.2	888.9	881.1	872.4	864.3	854.6	843.3	829.2
235	611.8	632.4	648.3	658.5	663.7	664.8	665.0	662.3	660.2	656.0	647.3
236	577.0	601.5	621.5	641.3	654.1	664.0	672.0	680.6	690.1	698.1	704.3
237	557.6	573.0	589.9	605.1	622.9	637.4	654.6	672.4	696.2	719.4	739.6
238	557.0	571.9	587.0	601.1	617.3	630.8	654.6	675.3	697.9	721.4	743.7
239	559.6	571.8	586.4	601.0	618.8	633.6	651.4	671.6	694.8	719.5	743.0
240	536.5	546.7	559.5	570.8	583.1	598.6	621.5	641.4	654.3	665.3	678.9
241	503.8	530.8	559.0	581.6	602.0	619.9	634.4	646.0	652.3	655.4	637.1
242	245.4	237.6	223.3	211.3	199.2	188.0	178.7	173.6	179.2	205.6	233.0
243	351.3	340.2	326.9	315.5	303.8	292.8	283.0	274.6	267.1	260.0	253.3
244	829.3	813.7	796.5	779.9	764.1	748.9	735.5	725.4	715.6	698.2	669.1
245	802.6	783.1	761.0	739.3	717.6	695.4	673.9	653.3	604.6	575.2	557.6
246	676.6	678.6	680.2	679.7	670.6	665.4	661.4	662.0	663.5	648.7	637.2
247	631.5	642.5	651.2	655.1	655.6	652.4	647.3	637.4	630.6	625.3	615.0
248	617.0	624.7	634.2	639.2	640.7	639.8	638.4	637.8	633.9	577.8	563.2
249	628.3	636.7	643.5	646.0	645.1	644.5	641.7	638.0	627.2	576.6	561.6
250	456.9	482.1	510.0	532.8	552.9	571.3	587.0	598.9	607.0	611.4	611.9
251	390.2	400.0	411.3	421.3	431.6	442.6	454.2	463.6	472.0	478.4	482.0
252	74.3	78.3	83.7	85.3	86.1	87.7	90.6	92.9	95.1	104.8	101.2

Table LXXXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 968	R: 969	R: 970	R: 971	R: 972	R: 973	R: 974	R: 975	R: 976	R: 977	R: 978
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	620.2	646.7	671.7	700.8	730.0	761.6	791.8	823.0	851.9	881.0	909.0
3	706.8	716.8	722.0	726.4	727.9	725.8	725.9	721.1	714.9	705.1	695.9
4	766.5	777.3	783.6	788.8	791.1	794.5	794.2	791.1	785.6	778.8	771.6
5	722.5	728.0	729.0	729.2	728.4	721.4	718.6	711.9	704.5	693.6	683.9
6	783.6	787.7	788.3	787.8	787.2	785.0	777.3	769.9	761.4	751.8	742.7
7	733.1	735.4	733.3	729.8	724.0	714.5	709.4	700.3	690.7	677.7	666.3
8	800.7	800.9	798.0	793.3	786.6	780.9	773.0	762.9	752.7	741.1	730.5
9	856.1	830.2	801.9	770.8	738.9	705.5	676.0	646.4	617.7	586.7	562.6
10	578.7	602.5	626.0	651.4	677.2	705.3	732.4	761.1	788.5	816.3	843.2
11	668.5	677.6	681.0	682.2	681.2	677.9	676.7	671.7	665.0	654.3	644.5
12	726.5	731.0	734.6	737.2	738.2	737.9	735.3	730.3	723.7	715.2	706.2
13	672.7	678.4	680.9	684.9	685.5	679.3	676.0	672.1	667.2	658.0	649.9
14	731.6	736.6	738.4	742.2	740.1	736.8	731.0	725.5	718.7	710.4	701.8
15	681.9	686.6	686.8	685.9	682.6	676.8	673.4	666.4	659.2	648.2	639.2
16	735.8	738.2	737.4	735.1	730.6	726.6	720.4	712.4	703.8	693.9	683.0
17	850.4	829.2	805.7	780.5	756.0	731.9	712.6	696.0	681.2	666.8	640.1
19	624.0	644.7	647.8	645.8	644.6	638.2	631.9	627.9	627.2	622.7	621.1
20	667.4	685.3	691.4	694.3	693.2	690.7	684.5	682.0	678.6	674.1	667.7
21	629.7	635.4	637.6	638.7	637.0	629.9	627.8	617.5	607.2	601.0	599.5
22	671.8	677.6	681.0	681.0	678.6	676.3	671.2	660.9	648.1	640.2	626.9
23	589.2	595.9	599.2	602.5	604.7	609.3	602.4	589.8	564.2	555.6	551.8
24	609.5	616.5	623.1	626.9	625.1	619.8	611.0	605.1	587.6	580.3	574.7
25	583.8	600.1	608.0	616.2	624.3	628.9	634.7	637.7	640.5	634.9	582.4
26	614.2	624.6	634.5	642.6	649.3	654.4	656.8	657.2	654.4	652.4	612.3
43	662.2	675.2	683.4	690.8	695.5	696.7	698.7	696.1	691.9	684.0	676.1
44	706.7	720.8	730.2	738.5	743.8	749.5	751.6	751.3	748.1	743.2	737.3
67	568.5	582.3	591.8	600.6	608.8	614.1	618.8	621.8	624.8	574.1	543.4
68	595.4	608.6	619.7	629.7	637.7	643.1	645.2	645.8	642.1	638.5	583.6
85	736.5	743.3	745.2	746.1	743.9	738.5	737.0	729.9	721.6	710.4	700.4
86	764.4	785.7	801.8	817.9	831.0	846.0	856.9	865.7	871.0	875.0	877.9
87	651.3	675.5	696.0	718.6	739.8	761.0	781.2	799.1	815.1	829.4	843.2
88	609.8	632.6	649.0	663.8	683.1	699.5	716.4	736.1	757.0	779.9	803.2
89	546.0	559.9	571.2	585.5	598.0	616.6	633.9	651.1	669.8	690.5	711.9
90	546.0	563.4	576.7	592.2	605.7	623.6	641.4	659.9	679.4	701.1	723.2
91	551.3	563.3	573.8	586.9	598.6	616.6	635.3	654.5	673.8	696.0	718.7
921	864.9	837.4	807.5	774.1	739.3	702.4	669.7	637.3	611.5	586.6	549.4

Table LXXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 968	R: 969	R: 970	R: 971	R: 972	R: 973	R: 974	R: 975	R: 976	R: 977	R: 978
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	647.8	679.2	707.0	738.2	767.9	801.0	832.5	864.3	894.8	923.4	951.6
93	573.8	599.1	620.4	644.1	668.6	696.2	722.8	750.9	778.9	806.1	833.2
94	649.1	677.8	703.8	733.4	762.6	794.6	825.4	856.6	886.2	914.8	942.4
95	597.1	617.8	633.4	648.4	667.9	684.3	701.3	721.3	742.2	765.3	788.4
125	606.1	616.2	621.4	624.9	625.8	624.6	620.5	609.1	580.3	560.0	544.6
126	655.4	662.5	665.6	667.0	665.2	661.7	654.0	637.3	616.9	597.1	585.3
128	937.5	928.9	917.8	906.1	894.4	883.5	874.5	864.7	853.9	841.9	831.4
132	504.2	518.6	531.5	546.9	563.0	580.8	594.1	611.8	633.2	652.1	670.1
201	1158.9	1142.1	1119.8	1093.0	1063.3	1029.2	997.3	962.5	926.6	888.7	853.4
202	1208.2	1202.0	1189.6	1173.3	1153.7	1130.4	1109.0	1083.0	1054.0	1024.2	996.3
203	1217.7	1223.1	1221.3	1216.6	1207.7	1195.9	1184.7	1167.9	1147.5	1125.2	1103.8
204	1179.8	1197.5	1207.5	1215.2	1218.1	1219.3	1220.2	1215.0	1205.5	1193.4	1181.4
205	1091.3	1120.1	1140.9	1161.5	1177.3	1192.6	1206.7	1214.9	1218.3	1218.5	1218.5
206	990.5	1024.9	1052.2	1080.3	1104.2	1129.3	1152.6	1170.9	1185.4	1196.4	1206.6
207	905.8	941.1	970.0	1000.9	1028.6	1058.2	1086.3	1110.6	1132.0	1150.1	1167.5
208	846.8	881.7	911.2	943.3	972.7	1004.6	1034.9	1062.6	1087.8	1109.8	1131.0
209	1026.3	1036.4	1039.9	1041.3	1038.3	1032.0	1030.1	1020.9	1008.7	993.9	980.2
210	1089.3	1102.7	1108.8	1112.8	1112.6	1109.1	1109.0	1101.6	1090.7	1076.9	1063.9
211	1146.9	1163.7	1172.6	1179.3	1181.3	1180.9	1181.8	1175.8	1165.6	1152.5	1139.9
212	1177.4	1193.6	1202.1	1208.8	1211.2	1212.8	1212.2	1206.8	1197.0	1184.9	1172.7
213	1140.9	1154.1	1159.8	1163.9	1164.1	1164.3	1161.1	1153.8	1142.8	1130.1	1117.1
214	1083.9	1093.2	1096.4	1097.7	1095.8	1094.1	1088.2	1078.9	1066.6	1052.8	1038.9
215	860.8	833.7	804.1	771.2	737.0	700.6	669.1	637.2	608.3	585.2	552.1
216	732.8	743.7	749.5	754.3	756.0	754.5	755.8	751.7	745.8	736.9	728.7
217	799.0	809.5	815.2	819.8	821.5	824.3	823.1	819.5	813.3	806.1	798.4
218	647.3	676.1	702.2	732.2	761.9	794.2	825.1	855.9	884.9	913.4	940.8
219	613.4	621.2	624.9	627.8	626.9	622.8	621.9	605.8	597.0	595.9	598.8
220	644.3	653.2	659.4	663.3	662.9	662.0	657.9	649.1	637.3	628.4	619.8
221	559.6	575.5	587.7	599.9	613.1	620.3	626.9	629.3	629.9	631.9	627.0
222	584.8	599.0	609.3	620.0	628.6	637.5	643.6	647.4	647.3	644.9	644.3
223	533.6	548.8	561.7	579.0	587.4	593.7	598.0	598.7	597.8	596.8	596.2
224	550.7	564.8	576.5	588.2	598.1	610.0	618.4	623.1	623.5	621.2	619.3
225	805.5	785.2	762.9	738.3	713.1	687.3	663.7	632.0	606.4	584.6	571.8
226	965.0	937.5	907.0	873.1	838.6	801.4	767.9	734.2	702.2	669.0	640.0
227	1017.8	991.8	962.2	928.9	894.6	857.3	823.3	788.7	755.2	720.5	689.6
228	1087.8	1063.7	1035.2	1002.6	968.6	930.2	894.6	857.0	818.2	779.0	742.3

Table LXXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 968	R: 969	R: 970	R: 971	R: 972	R: 973	R: 974	R: 975	R: 976	R: 977	R: 978
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	727.6	760.7	789.7	822.0	852.8	886.4	918.5	949.7	978.7	1005.8	1032.0
230	555.1	573.9	589.2	607.3	625.3	646.4	667.1	690.3	712.8	737.7	762.1
231	860.5	865.0	864.2	861.7	856.2	846.7	842.9	833.2	822.0	808.1	795.6
232	970.5	977.9	979.2	978.1	973.3	964.9	961.6	951.1	938.2	922.8	908.6
233	1028.4	1033.9	1034.0	1032.5	1028.3	1024.6	1016.7	1006.5	993.3	979.5	965.8
234	929.5	931.8	930.1	926.7	920.7	916.2	907.8	896.9	884.9	871.8	859.1
235	601.8	622.9	634.7	643.5	647.8	646.9	645.9	634.9	630.3	624.7	617.0
236	577.1	598.4	614.4	631.5	642.3	649.7	657.2	660.0	666.1	672.8	676.5
237	557.6	573.8	587.6	604.4	621.7	635.1	648.5	670.3	687.6	706.9	726.2
238	557.8	572.9	585.1	599.5	619.2	638.4	654.2	672.5	691.7	713.4	735.1
239	556.0	573.0	586.0	601.2	620.6	636.6	653.2	672.9	693.1	716.2	739.3
240	539.2	548.1	558.1	571.0	590.0	613.0	629.1	645.3	653.6	660.8	675.6
241	513.9	542.3	567.0	591.3	608.4	621.7	631.9	637.2	639.5	640.5	608.2
242	252.6	242.5	230.4	217.5	205.0	199.2	203.7	201.6	202.2	206.3	219.4
243	352.6	340.6	328.3	315.3	302.9	291.1	280.9	271.3	265.0	256.5	249.8
244	829.2	814.6	798.2	781.1	764.7	749.4	736.3	723.7	712.5	693.3	667.3
245	803.6	784.5	763.7	741.3	718.5	695.6	674.2	649.0	601.9	569.4	552.9
246	646.3	653.2	655.7	657.0	648.6	643.0	640.5	641.0	641.1	625.3	614.4
247	614.5	627.7	634.5	638.9	639.2	633.4	625.4	613.9	613.4	591.0	580.4
248	597.1	606.9	611.8	619.4	626.4	626.6	624.3	619.1	608.3	558.9	546.3
249	646.6	654.9	659.7	661.9	662.4	662.8	661.2	656.8	649.4	590.4	575.9
250	416.6	448.8	475.6	505.0	531.3	551.1	569.8	583.2	592.3	598.2	603.0
251	377.0	389.2	399.3	410.3	419.9	429.9	443.5	453.0	460.0	466.0	471.4
252	73.5	78.4	78.9	82.8	84.7	89.6	92.7	94.4	93.9	101.1	107.4

Table LXXXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 966 Pi	Nominal β 2.0° R: 967 Pi
2	792.7	791.1
3	754.5	725.4
4	761.8	791.6
5	746.2	718.3
6	745.7	774.8
7	735.7	709.0
8	742.6	770.1
9	676.5	673.7
10	733.1	731.6
11	701.9	676.3
12	706.6	732.6
13	700.8	677.1
14	702.6	728.7
15	696.6	672.7
16	692.5	717.8
17	711.2	710.5
19	655.6	631.2
20	659.5	682.7
21	643.7	627.0
22	651.3	669.0
23	613.3	601.2
24	594.1	608.9
25	643.1	633.5
26	642.6	655.2
43	725.5	698.3
44	720.7	749.3
67	625.8	617.5
68	630.1	643.6
85	765.9	735.9
86	827.5	854.8
87	800.9	780.7
88	714.9	715.5
89	640.2	633.2
90	638.9	640.1
91	637.1	634.6
921	671.7	666.9

Table LXXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 966 Pi	Nominal β 2.0° R: 967 Pi
922	832.6	831.4
93	723.2	721.8
94	823.8	824.3
95	700.0	700.4
125	635.2	619.5
126	635.0	650.9
128	871.8	872.4
132	593.0	593.2
201	997.9	994.6
202	1109.4	1106.2
203	1184.8	1181.9
204	1220.0	1217.3
205	1206.8	1204.4
206	1152.7	1150.4
207	1086.4	1084.3
208	1035.2	1033.2
209	1056.4	1027.9
210	1130.2	1106.5
211	1193.5	1179.3
212	1201.3	1209.5
213	1140.0	1158.5
214	1059.5	1085.4
215	670.7	666.8
216	785.0	755.0
217	790.2	820.9
218	828.2	824.2
219	637.1	620.9
220	637.2	655.8
221	635.0	626.0
222	631.3	641.9
223	606.4	597.0
224	606.4	616.9
225	661.5	661.4
226	767.1	765.5
227	823.1	820.7
228	894.2	891.9

Table LXXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.15, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 966 Pi	Nominal β 2.0° R: 967 Pi
229	918.8	917.1
230	667.2	666.5
231	873.5	841.7
232	989.4	959.7
233	985.3	1013.9
234	873.9	904.7
235	665.0	644.6
236	672.4	656.0
237	656.7	648.0
238	657.7	653.6
239	653.8	652.4
240	623.8	628.4
241	635.0	630.8
242	177.1	193.3
243	280.4	279.8
244	735.4	734.4
245	672.7	672.2
246	661.1	639.2
247	646.3	624.8
248	638.4	623.1
249	642.5	659.4
250	587.7	569.3
251	454.6	443.7
252	92.8	91.3

Table LXXXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 685.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 350	R: 351	R: 352	R: 353	R: 354	R: 355	R: 356	R: 357	R: 358	R: 359	R: 360
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	809.6	843.1	881.9	920.6	957.4	999.8	1042.8	1080.2	1123.3	1159.0	1203.1
3	964.0	972.5	981.1	984.0	986.3	987.2	987.6	981.1	975.5	963.9	954.0
4	969.7	983.8	995.0	991.8	996.0	997.2	997.9	991.4	987.8	976.8	971.5
5	987.2	988.7	992.4	996.5	996.4	990.9	977.5	967.9	958.6	944.8	934.2
6	981.1	984.0	990.2	992.2	990.8	985.1	979.7	969.1	956.2	941.9	934.0
7	998.2	994.5	989.6	981.4	973.9	967.9	961.7	945.4	933.1	916.2	903.1
8	1003.6	1001.1	999.3	998.1	993.3	979.4	971.0	957.2	947.0	931.4	926.5
9	1116.5	1076.0	1034.5	992.5	955.0	913.0	874.4	827.8	794.4	752.8	715.5
10	753.1	779.2	811.4	846.6	878.3	916.4	956.1	990.4	1033.1	1067.4	1110.3
11	994.9	989.2	979.6	967.2	954.1	943.8	935.1	925.0	908.4	892.0	875.3
12	988.2	981.0	972.9	964.2	952.6	942.1	930.6	913.9	900.7	881.8	864.6
13	971.7	960.2	958.0	949.8	943.6	933.6	919.1	904.0	890.2	881.8	863.5
14	953.0	950.8	952.9	946.8	940.1	930.4	921.1	898.5	885.1	868.6	859.7
15	933.0	929.0	923.5	912.3	905.6	897.3	889.1	873.0	855.9	833.8	818.0
16	931.2	928.0	924.8	918.9	913.4	905.8	896.4	879.2	864.6	835.9	819.2
17	1110.7	1076.8	1042.9	1009.7	982.2	955.3	934.0	911.8	891.9	840.7	799.8
19	835.1	853.2	856.4	853.8	851.8	843.9	846.8	845.1	844.1	833.0	813.4
20	818.7	851.0	864.4	862.0	863.0	859.3	860.5	855.0	855.9	841.2	826.1
21	838.5	840.7	846.9	845.1	839.7	833.9	832.8	821.0	818.0	805.2	805.0
22	846.2	847.8	855.2	854.5	851.5	834.9	822.2	805.5	801.8	787.2	791.0
23	786.9	795.4	798.7	797.8	797.3	792.2	770.7	756.8	749.6	732.7	735.3
24	777.4	788.6	796.7	799.4	801.9	798.1	783.4	766.6	767.7	749.3	749.7
25	790.5	804.2	818.1	826.0	833.3	836.9	840.4	831.5	800.3	733.3	728.7
26	790.1	802.0	814.2	824.6	832.3	836.5	840.6	825.0	790.4	726.7	725.1
43	728.5	728.5	728.6	728.6	728.8	727.9	729.2	729.3	729.3	728.7	728.7
44	912.0	918.3	922.3	930.9	934.7	936.1	939.1	933.8	935.1	926.8	926.5
67	762.5	776.6	790.2	800.4	809.0	810.6	814.4	769.1	739.5	720.4	717.7
68	765.9	779.5	794.0	805.1	813.2	816.1	816.8	768.5	741.7	725.6	723.5
85	1001.8	1004.3	1003.5	1003.8	1005.2	1001.9	998.6	988.9	980.0	965.5	954.0
86	968.1	990.5	1015.4	1036.8	1054.5	1071.3	1086.7	1095.1	1105.1	1108.0	1116.6
87	867.6	898.2	931.3	961.8	989.0	1020.3	1049.0	1072.6	1100.0	1120.0	1144.9
88	774.8	790.2	812.9	833.8	854.4	882.8	911.7	932.5	967.4	992.4	1029.7
89	697.7	717.1	735.1	753.8	773.5	795.7	821.9	848.9	882.7	906.9	941.9
90	709.2	725.3	742.4	760.3	779.1	799.8	824.0	848.4	882.6	905.8	940.2
91	708.9	724.1	738.7	755.3	773.6	794.7	821.4	847.5	884.6	908.6	944.8
921	1125.0	1081.0	1036.0	990.4	949.2	902.9	863.1	820.4	789.7	740.4	698.7

Table LXXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 685.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 350	R: 351	R: 352	R: 353	R: 354	R: 355	R: 356	R: 357	R: 358	R: 359	R: 360
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	835.9	877.7	921.9	964.4	1003.7	1048.7	1093.5	1133.2	1177.0	1214.8	1258.7
93	748.9	773.4	807.2	833.3	863.1	901.4	941.2	976.1	1018.1	1053.1	1095.5
94	845.7	879.8	918.7	957.4	994.4	1037.1	1080.2	1118.5	1162.0	1198.8	1242.5
95	758.9	774.5	797.3	818.4	839.3	867.6	896.5	917.4	952.5	977.6	1015.1
125	816.7	826.4	832.3	831.8	827.5	814.6	792.6	774.9	762.1	737.4	722.3
126	819.9	829.4	837.6	837.7	834.3	823.5	802.2	782.6	771.5	747.6	736.1
128	1248.4	1231.5	1216.3	1200.4	1185.5	1169.0	1156.1	1137.9	1123.7	1098.5	1083.3
132	659.9	677.3	696.5	716.1	735.4	756.9	780.4	796.9	826.2	844.1	876.7
201	1547.1	1517.1	1485.1	1449.3	1413.1	1368.8	1326.4	1281.3	1232.0	1181.0	1130.2
202	1618.9	1603.5	1586.6	1565.0	1542.1	1512.3	1482.7	1448.8	1410.8	1370.4	1331.1
203	1636.9	1636.9	1635.9	1630.0	1620.7	1605.0	1589.6	1567.7	1539.7	1509.4	1480.4
204	1586.0	1603.2	1619.5	1630.0	1636.4	1637.9	1638.7	1631.8	1619.7	1603.7	1588.9
205	1463.0	1495.4	1528.6	1556.6	1579.0	1600.4	1618.7	1629.1	1634.7	1635.4	1638.7
206	1325.0	1365.4	1407.5	1444.6	1477.2	1511.7	1542.5	1567.2	1588.0	1603.3	1621.8
207	1201.4	1243.6	1289.3	1331.2	1368.5	1409.2	1447.0	1479.2	1509.3	1534.4	1564.0
208	1116.8	1158.4	1204.5	1247.4	1286.0	1329.4	1370.4	1406.2	1441.2	1471.1	1505.9
209	1408.3	1414.7	1419.5	1420.1	1418.5	1414.2	1408.6	1398.2	1382.3	1363.9	1344.6
210	1492.6	1503.1	1512.9	1517.6	1518.7	1517.6	1514.6	1506.3	1491.9	1474.7	1457.2
211	1560.5	1575.1	1588.9	1597.3	1602.2	1603.0	1602.7	1595.8	1582.3	1566.1	1549.8
212	1564.6	1580.2	1596.0	1605.9	1611.7	1613.0	1612.4	1604.7	1592.6	1576.4	1561.8
213	1499.7	1511.7	1524.2	1531.1	1534.3	1532.1	1528.8	1519.0	1505.5	1488.2	1473.4
214	1406.3	1414.6	1423.4	1427.2	1427.3	1421.9	1415.7	1403.7	1388.9	1370.2	1354.1
215	1124.1	1081.5	1037.7	993.0	952.3	906.3	864.0	815.4	776.2	742.8	704.6
216	998.6	1008.2	1016.2	1022.4	1025.5	1027.3	1028.6	1023.8	1018.2	1007.9	998.6
217	1005.0	1015.3	1025.6	1032.3	1036.2	1036.8	1036.7	1030.5	1025.3	1014.2	1007.4
218	843.7	881.0	922.6	962.8	1000.3	1043.6	1087.0	1125.6	1169.3	1206.0	1249.7
219	810.2	818.0	828.3	829.7	826.6	823.6	820.1	804.8	804.1	798.6	804.4
220	809.3	817.1	830.8	833.7	830.6	812.8	800.8	785.3	789.4	785.7	792.2
221	753.1	771.7	789.4	804.4	815.7	826.0	836.2	837.2	840.5	807.8	755.4
222	753.2	770.8	787.8	802.5	813.6	821.7	830.3	829.9	834.5	791.7	742.3
223	712.2	732.0	750.4	766.7	777.5	790.1	798.0	797.4	801.4	774.3	721.9
224	708.7	726.8	744.8	760.6	774.3	783.7	792.9	796.5	803.4	759.9	716.4
225	1048.2	1014.3	979.3	943.4	908.8	871.0	837.8	801.6	778.7	756.3	742.1
226	1267.5	1224.7	1181.1	1136.2	1094.3	1046.5	1001.3	957.4	912.3	867.5	827.1
227	1342.6	1301.2	1258.9	1215.1	1173.3	1125.0	1077.5	1032.0	984.6	937.3	891.4
228	1442.0	1403.2	1362.9	1319.6	1277.5	1228.1	1180.2	1131.7	1079.3	1025.8	972.1

Table LXXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 685.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 350	R: 351	R: 352	R: 353	R: 354	R: 355	R: 356	R: 357	R: 358	R: 359	R: 360
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	954.6	994.8	1040.2	1083.7	1123.6	1169.3	1213.9	1253.3	1295.0	1330.9	1372.8
230	712.2	734.4	754.9	776.8	802.0	830.8	862.7	888.8	928.1	955.7	996.0
231	1181.4	1180.4	1178.2	1173.6	1167.8	1160.2	1152.4	1140.2	1125.3	1107.7	1090.5
232	1332.4	1335.0	1336.1	1333.7	1329.5	1322.7	1314.9	1302.9	1285.6	1266.3	1246.4
233	1319.8	1323.6	1328.0	1328.0	1325.0	1316.8	1308.4	1295.1	1279.6	1260.5	1244.7
234	1175.8	1176.3	1177.5	1175.2	1170.5	1160.9	1152.2	1138.6	1125.1	1107.2	1093.1
235	783.3	815.7	837.6	848.9	855.8	858.2	861.4	856.4	857.0	849.1	839.4
236	733.7	763.7	802.1	823.4	839.6	856.1	872.9	883.0	898.9	905.7	912.8
237	710.1	734.6	759.1	780.4	802.0	827.7	854.3	873.1	904.1	932.5	965.0
238	710.7	730.2	754.2	774.0	794.3	819.4	851.6	877.7	911.2	934.5	968.9
239	707.6	727.0	750.1	770.4	790.8	819.3	848.5	868.9	904.4	929.4	967.3
240	688.4	700.8	713.4	728.4	741.9	757.8	769.3	774.6	817.0	837.2	878.9
241	651.3	690.4	726.5	756.9	782.2	804.7	823.7	826.8	810.3	805.0	816.4
242	327.6	307.0	285.3	266.9	252.3	235.5	225.3	218.0	228.2	243.0	294.3
243	469.8	451.5	433.0	415.9	402.1	386.0	374.5	362.8	353.2	342.0	333.9
244	1092.4	1067.8	1044.4	1021.1	1000.5	977.9	957.7	917.2	881.5	803.4	775.5
245	1047.9	1016.4	984.4	951.5	919.2	873.5	819.2	777.7	758.4	733.4	722.8
246	872.2	875.6	863.5	862.8	859.1	856.7	857.6	849.7	848.2	826.4	813.0
247	808.4	822.4	837.7	843.3	845.8	837.9	829.6	824.3	823.4	803.3	789.9
248	806.5	816.6	822.2	828.2	832.2	830.1	818.7	753.5	741.6	726.0	716.9
249	809.1	825.1	833.2	837.7	839.3	834.0	822.8	764.7	750.0	731.5	717.4
250	592.6	631.8	668.7	702.7	730.0	756.0	777.8	789.5	803.1	802.9	805.9
251	504.3	519.6	534.0	547.8	561.8	575.5	588.8	597.2	613.1	617.5	630.8
252	96.1	99.8	108.5	104.5	116.5	114.7	121.1	122.4	135.6	132.3	134.5

Table LXXXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 397	R: 398	R: 399	R: 400	R: 401	R: 402	R: 403
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	584.1	609.2	636.4	665.0	694.6	720.6	751.1
3	696.4	703.7	710.1	715.1	717.1	715.7	714.3
4	702.0	709.3	715.7	720.7	724.1	724.4	725.8
5	713.6	715.5	717.0	717.7	717.0	710.9	706.1
6	716.0	716.7	717.7	718.6	718.8	715.5	711.7
7	722.5	720.2	718.0	714.5	708.8	701.0	694.1
8	732.2	729.1	726.4	723.1	718.6	712.4	707.3
9	811.9	779.8	750.1	721.1	691.9	664.1	635.6
10	543.4	563.9	586.2	612.3	638.2	661.8	690.3
11	713.5	713.8	707.6	699.8	691.0	682.2	673.9
12	718.5	712.2	703.9	699.6	691.8	684.2	676.7
13	694.2	691.2	688.5	687.2	680.9	671.0	662.4
14	694.1	689.9	689.7	686.5	681.3	674.1	667.7
15	675.1	672.3	668.9	664.8	658.9	652.2	644.6
16	678.2	674.5	671.3	667.5	663.2	657.8	652.6
17	807.9	781.3	757.3	734.4	713.1	695.4	680.6
19	607.0	618.7	614.7	614.7	613.1	607.9	608.5
20	597.8	619.1	624.6	625.9	625.5	621.4	621.8
21	602.8	604.2	609.2	608.4	605.6	602.6	601.4
22	613.0	614.2	619.7	619.5	615.5	604.5	597.6
23	566.6	572.7	573.9	572.9	572.5	566.6	551.2
24	563.9	573.7	577.7	580.0	580.0	573.8	558.2
25	569.8	579.2	589.0	594.8	600.1	602.9	605.3
26	573.7	581.4	590.6	598.8	606.1	610.6	614.6
43	539.9	539.3	539.7	540.3	540.4	539.2	539.9
44	668.3	673.3	676.0	677.9	679.8	680.3	683.1
67	549.7	560.1	569.7	576.6	582.8	583.3	584.6
68	555.7	565.2	576.2	585.2	593.7	598.6	599.4
85	728.1	731.4	734.2	735.6	734.2	729.6	725.4
86	705.3	722.8	739.5	754.8	768.6	778.2	790.2
87	627.6	651.1	674.8	698.4	721.0	739.1	759.7
88	565.2	584.6	604.9	621.2	637.6	654.0	677.0
89	500.8	515.4	530.7	545.8	560.8	574.6	593.1
90	509.5	522.4	536.9	552.4	565.9	577.2	595.3
91	508.5	520.1	533.4	547.5	561.0	574.0	591.8
921	823.8	789.4	757.3	725.5	692.3	660.7	629.3

Table LXXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 397	R: 398	R: 399	R: 400	R: 401	R: 402	R: 403
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	608.7	639.7	670.2	701.4	732.8	759.8	791.5
93	541.2	559.5	582.0	604.6	628.8	652.1	680.3
94	612.0	639.0	667.1	696.2	726.2	751.9	782.7
95	552.7	570.5	589.5	605.6	622.0	638.6	661.9
125	586.3	592.4	597.0	598.6	596.2	584.4	570.3
126	594.5	599.5	605.0	605.9	603.7	592.4	579.3
128	908.0	894.6	883.4	872.8	861.4	849.3	839.1
132	478.3	491.2	504.2	517.4	531.4	544.4	561.3
201	1127.2	1105.0	1082.3	1056.9	1028.3	999.1	968.2
202	1178.7	1167.7	1156.2	1141.0	1122.2	1101.9	1080.3
203	1190.2	1190.7	1191.1	1187.1	1179.2	1168.0	1156.3
204	1152.7	1166.5	1179.1	1187.4	1191.4	1190.5	1190.8
205	1062.8	1088.2	1112.6	1134.1	1151.4	1162.3	1175.6
206	962.0	993.4	1023.9	1052.8	1078.2	1097.1	1119.7
207	874.0	906.4	938.6	970.2	999.7	1022.9	1050.1
208	811.9	844.1	876.5	908.8	939.9	964.6	994.4
209	1022.1	1027.9	1033.5	1035.8	1033.9	1028.2	1022.4
210	1083.1	1092.4	1101.2	1106.2	1106.7	1103.2	1099.7
211	1133.4	1145.5	1156.8	1164.4	1167.3	1165.7	1164.6
212	1138.7	1150.8	1162.0	1169.6	1173.4	1172.7	1172.9
213	1093.2	1102.0	1110.0	1115.2	1117.2	1114.9	1113.5
214	1026.9	1032.4	1036.9	1039.7	1039.5	1035.5	1032.2
215	819.9	786.2	754.5	723.5	691.6	660.9	629.5
216	723.0	731.0	738.3	744.0	746.8	745.7	744.9
217	733.5	740.2	746.5	751.2	754.2	754.3	755.2
218	611.1	640.0	669.3	699.3	730.2	756.6	787.5
219	583.6	587.7	595.8	599.1	599.0	596.5	592.8
220	586.8	591.3	601.1	604.2	601.3	589.0	583.4
221	543.5	557.3	570.4	581.6	590.2	595.6	602.3
222	545.3	558.7	570.5	581.5	590.4	595.4	602.6
223	513.9	529.2	543.0	555.4	564.9	572.0	575.6
224	512.3	526.3	539.3	551.5	561.6	567.3	574.1
225	761.6	734.7	709.3	683.9	656.2	633.0	608.8
226	925.3	892.0	860.3	828.8	796.0	764.6	733.2
227	979.9	948.0	917.4	886.6	853.8	822.1	790.2
228	1052.1	1022.5	993.3	962.7	929.2	896.7	862.5

Table LXXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 397	R: 398	R: 399	R: 400	R: 401	R: 402	R: 403
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	692.8	724.3	756.2	788.6	821.0	847.9	879.8
230	510.0	530.5	545.8	562.3	582.2	601.3	624.2
231	856.1	856.7	856.9	855.2	850.5	842.6	835.2
232	966.5	969.7	972.6	972.5	968.9	961.5	954.3
233	964.5	966.1	967.5	967.6	965.1	959.5	954.6
234	859.7	858.7	857.8	856.0	852.3	846.1	840.8
235	564.2	588.7	605.2	614.0	619.0	621.1	621.1
236	529.4	550.7	578.0	595.0	611.5	621.4	630.1
237	510.6	528.3	545.4	563.4	581.5	597.1	617.2
238	513.9	527.6	542.5	559.8	574.9	589.6	618.3
239	511.8	524.2	540.3	557.9	574.5	590.8	614.5
240	493.1	501.1	510.5	521.9	531.3	538.7	546.6
241	467.8	497.8	523.6	546.2	566.3	581.9	592.7
242	238.5	222.5	208.1	195.2	183.8	173.3	165.2
243	340.4	326.1	313.8	302.2	291.1	280.7	271.7
244	794.6	775.1	758.3	742.3	726.1	709.7	693.5
245	761.7	736.5	713.7	690.3	663.7	629.5	592.0
246	634.6	633.4	633.7	631.4	622.6	620.6	620.6
247	583.1	592.9	604.6	609.7	612.2	604.4	600.5
248	581.3	589.4	593.3	596.0	598.1	593.5	582.2
249	586.7	600.2	605.4	608.4	608.2	602.3	590.0
250	424.4	454.0	480.9	505.9	527.8	543.9	560.0
251	363.0	374.2	384.8	395.2	406.3	415.4	424.4
252	67.7	71.8	75.5	79.6	83.4	81.4	84.3

Table LXXXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 482	R: 483	R: 484	R: 485	R: 486	R: 487	R: 488	R: 489	R: 490	R: 491	R: 492
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	587.7	609.9	635.5	662.0	690.6	721.2	752.1	782.9	814.6	844.3	874.5
3	702.9	706.3	710.4	713.5	715.2	716.1	716.1	714.4	709.5	703.7	695.2
4	699.2	707.1	713.4	718.2	721.9	723.0	723.5	721.5	717.8	712.4	706.6
5	720.1	718.0	717.3	716.5	715.0	711.5	708.3	703.9	696.8	689.4	680.3
6	712.8	714.7	715.6	716.3	716.9	713.7	709.7	704.0	695.1	687.3	679.8
7	727.7	721.7	717.5	712.7	706.7	701.2	694.9	687.7	677.8	668.3	657.3
8	728.8	727.1	724.5	721.1	716.5	710.1	704.2	696.6	688.1	679.4	671.6
9	811.3	780.4	750.7	721.4	692.1	662.6	634.9	602.7	575.4	549.6	521.7
10	546.6	564.8	585.7	609.8	634.8	662.4	691.1	719.7	749.8	778.3	807.1
11	718.1	714.5	706.6	698.4	689.8	682.4	675.1	666.6	655.4	645.0	633.0
12	717.3	711.4	702.3	697.7	690.1	682.0	673.9	663.6	651.7	640.1	627.8
13	698.8	692.6	688.3	685.4	679.3	671.4	664.6	656.2	644.7	634.2	622.0
14	691.9	688.4	687.7	684.5	679.3	672.0	664.1	653.2	641.3	629.5	617.9
15	679.7	673.8	668.9	663.8	658.0	652.9	646.3	637.2	622.8	610.4	596.0
16	675.8	673.1	669.6	665.5	661.0	655.3	649.1	639.6	626.5	611.7	597.9
17	807.5	781.7	757.2	733.7	712.3	693.9	678.9	664.5	647.7	616.6	585.9
19	615.4	621.9	615.3	614.1	612.0	608.9	609.5	613.6	613.0	606.4	590.7
20	598.0	617.2	621.9	622.2	621.8	617.8	619.2	622.0	621.0	613.8	599.6
21	607.7	607.2	610.8	608.5	604.5	602.4	600.9	596.5	592.7	588.2	586.9
22	611.3	613.0	619.0	617.6	613.1	600.3	592.6	586.1	580.5	574.7	575.8
23	571.0	574.9	573.7	571.1	570.6	566.2	552.6	550.4	543.2	534.4	532.0
24	563.0	571.9	574.6	576.3	577.1	572.9	557.9	557.0	553.7	546.5	540.3
25	574.3	581.7	591.5	597.4	603.2	607.2	609.0	605.9	565.7	533.0	524.7
26	571.7	579.2	587.8	594.4	600.5	604.5	608.3	601.9	558.7	530.1	522.5
43	688.9	691.3	693.3	693.8	693.8	694.8	696.4	696.9	695.3	693.6	690.2
44	666.9	671.5	674.3	675.6	677.7	678.8	680.9	680.9	680.1	678.2	676.5
67	553.5	561.4	571.2	579.3	586.5	589.0	589.7	560.6	530.1	524.3	517.1
68	554.3	562.9	573.0	580.2	586.4	590.0	591.4	561.8	535.6	530.1	522.8
85	734.9	734.1	734.5	734.2	732.6	730.5	727.6	723.4	716.2	708.0	697.8
86	703.8	720.8	737.0	751.8	766.1	778.0	789.2	797.6	804.4	808.9	813.3
87	633.2	653.6	675.4	696.4	717.7	739.8	761.0	781.5	800.7	817.9	834.0
88	565.6	583.9	602.4	616.2	632.4	652.6	676.6	697.4	720.4	742.9	766.4
89	505.5	515.3	529.1	543.3	558.4	574.7	593.1	615.4	639.5	660.4	682.0
90	512.9	523.3	536.0	550.0	562.2	577.4	595.7	617.1	640.1	660.6	682.0
91	512.8	520.8	532.3	545.5	557.8	573.3	591.0	614.1	638.7	660.3	682.9
921	824.3	790.3	758.0	726.1	693.5	660.9	631.4	602.0	581.4	546.4	515.9

Table LXXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 482	R: 483	R: 484	R: 485	R: 486	R: 487	R: 488	R: 489	R: 490	R: 491	R: 492
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	611.4	640.0	669.2	698.6	729.2	761.3	794.2	825.2	857.3	887.0	917.2
93	544.1	560.5	581.6	602.6	625.9	653.2	682.1	710.1	739.9	768.2	796.9
94	615.3	639.5	666.0	693.3	722.3	753.1	784.4	814.9	846.4	875.6	905.3
95	553.1	570.0	587.0	600.9	617.2	637.6	661.3	682.2	705.4	728.0	751.5
125	592.2	594.7	598.1	598.5	595.4	585.1	573.5	564.5	550.9	537.6	524.3
126	592.3	597.8	603.3	604.0	602.2	591.5	579.5	570.9	559.4	547.0	534.7
128	909.3	895.0	882.9	871.4	859.6	847.6	837.6	827.4	814.5	800.1	784.5
132	481.4	492.5	504.7	518.1	532.9	548.7	564.7	581.0	598.4	616.5	635.1
201	1129.1	1105.2	1081.1	1056.0	1027.9	996.5	965.6	933.9	899.2	863.7	825.9
202	1181.6	1168.7	1154.5	1139.3	1121.1	1099.7	1078.0	1054.8	1028.8	1000.8	970.5
203	1193.4	1191.9	1188.9	1184.4	1177.2	1166.2	1154.7	1140.2	1122.1	1101.8	1078.4
204	1156.8	1167.8	1177.2	1184.0	1189.0	1190.0	1190.7	1187.1	1180.0	1170.2	1156.6
205	1067.1	1089.8	1111.0	1130.0	1148.0	1162.7	1176.6	1185.5	1191.0	1193.5	1193.2
206	965.9	994.4	1022.4	1048.5	1074.4	1098.4	1121.7	1140.6	1156.6	1169.9	1180.8
207	877.7	907.4	937.7	966.7	995.9	1024.6	1053.0	1077.2	1100.0	1120.1	1138.9
208	815.3	845.0	875.6	905.3	935.9	966.3	996.9	1024.2	1050.6	1074.0	1097.0
209	1029.5	1030.8	1032.5	1033.1	1031.6	1028.2	1024.0	1017.9	1007.3	995.5	979.8
210	1090.1	1095.0	1099.9	1103.0	1104.2	1103.1	1101.1	1096.3	1087.3	1076.7	1062.0
211	1139.2	1147.6	1155.2	1160.9	1164.6	1165.4	1165.1	1161.1	1153.4	1143.1	1128.9
212	1140.5	1151.2	1160.0	1166.5	1171.3	1171.9	1172.0	1167.5	1160.4	1150.2	1137.1
213	1092.7	1101.4	1107.9	1112.6	1115.2	1113.4	1111.5	1105.6	1097.1	1086.3	1072.3
214	1024.4	1030.9	1035.3	1037.4	1037.6	1033.8	1029.4	1021.9	1012.0	1000.2	986.0
215	819.5	786.3	754.9	723.8	692.0	659.2	628.8	594.8	566.9	541.1	513.2
216	730.0	733.9	738.9	742.6	744.9	746.5	747.1	746.1	741.7	736.4	728.3
217	730.5	737.9	744.2	749.0	752.5	753.0	753.0	750.5	746.5	740.3	733.7
218	614.8	640.8	668.5	696.5	726.2	757.5	789.0	819.7	851.5	880.6	910.4
219	588.9	590.8	597.5	598.8	597.7	596.5	592.5	586.1	584.2	584.0	587.7
220	585.0	590.1	600.7	602.4	598.2	585.3	578.4	572.1	572.2	573.5	578.7
221	547.7	559.0	570.6	581.2	590.0	597.6	605.0	610.1	608.6	589.9	544.4
222	546.8	559.9	571.3	581.2	589.6	596.0	601.2	604.4	600.9	580.8	535.1
223	517.6	530.5	543.1	554.4	563.1	572.2	577.3	581.2	581.6	565.9	522.3
224	513.9	527.1	539.5	550.8	560.9	568.4	575.7	579.8	579.6	556.8	515.7
225	761.8	734.8	708.5	682.6	654.6	629.4	605.4	583.0	565.8	556.0	540.8
226	924.9	891.7	860.2	828.6	795.7	762.1	730.7	700.3	668.3	638.2	608.2
227	980.3	947.8	917.2	886.4	853.5	819.7	787.6	756.8	723.7	691.7	659.1
228	1052.9	1022.4	992.5	962.2	928.8	893.7	858.9	825.1	788.2	750.9	711.8

Table LXXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 482	R: 483	R: 484	R: 485	R: 486	R: 487	R: 488	R: 489	R: 490	R: 491	R: 492
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	696.0	724.8	755.3	785.6	817.2	849.6	882.4	913.1	943.8	972.3	1000.5
230	512.4	530.0	543.9	559.6	579.4	601.9	624.5	648.9	674.6	699.2	725.1
231	863.5	859.5	856.7	853.5	848.7	843.2	837.4	830.3	820.0	809.1	795.1
232	974.0	972.6	971.9	970.4	966.8	961.8	956.0	948.7	937.2	924.9	908.7
233	961.2	964.3	965.6	965.4	963.3	957.5	951.5	943.1	932.7	920.5	906.8
234	855.5	856.4	855.8	854.0	850.5	843.9	837.5	829.3	819.5	808.4	796.5
235	569.1	591.3	606.1	614.1	617.5	621.3	622.7	623.3	621.8	619.0	609.6
236	533.5	552.9	579.1	594.5	609.4	622.1	631.8	643.4	653.1	660.5	665.2
237	509.2	529.7	544.6	561.0	577.9	596.9	616.6	635.4	658.3	680.5	700.5
238	514.8	528.7	541.2	556.2	570.7	589.2	617.0	638.6	660.9	682.5	705.1
239	512.5	524.7	537.7	553.0	569.8	590.0	613.3	634.4	657.6	680.2	704.0
240	493.3	500.4	508.6	517.8	527.9	535.5	544.9	562.8	585.4	610.1	636.2
241	469.2	498.0	522.8	544.8	564.8	582.1	595.7	603.9	583.1	587.4	591.2
242	237.5	222.7	209.1	198.0	186.3	175.6	167.9	161.2	163.0	177.4	202.8
243	340.7	326.3	313.9	302.5	291.3	280.7	272.5	264.2	256.3	249.8	243.7
244	795.0	775.3	757.6	740.9	724.5	707.9	691.7	670.3	630.4	588.9	557.0
245	761.8	736.7	712.9	688.9	662.2	624.9	590.6	568.2	551.0	535.8	524.0
246	637.8	634.9	633.8	630.9	622.7	621.9	621.0	619.7	615.9	601.8	591.5
247	587.7	595.5	605.5	609.2	611.1	604.7	601.2	600.2	600.5	587.6	572.9
248	586.0	591.4	593.5	595.2	597.1	594.2	581.7	548.2	535.0	528.7	519.2
249	583.5	596.1	600.5	603.2	603.6	599.4	588.0	556.6	542.2	533.7	519.4
250	431.8	457.0	482.5	506.5	528.1	547.5	563.4	575.5	583.1	586.5	586.2
251	366.2	375.2	385.4	395.1	405.2	415.6	424.4	434.5	443.7	451.1	455.1
252	70.4	72.1	74.6	76.4	89.3	82.9	86.7	98.0	99.3	97.7	106.4

Table LXXXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 373	R: 374	R: 375	R: 376	R: 377	R: 378	R: 379	R: 380	R: 381	R: 382	R: 383
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	582.4	606.2	633.3	661.9	690.4	719.2	752.7	781.3	811.0	842.7	872.7
3	670.6	676.9	683.1	686.7	687.8	684.0	687.3	682.2	675.6	668.1	661.6
4	725.9	735.0	742.6	746.4	749.1	751.7	755.1	751.1	746.2	743.0	739.3
5	686.0	687.8	689.7	690.0	688.3	679.8	680.3	673.1	665.0	656.7	649.9
6	741.8	744.3	745.7	744.3	744.1	741.9	739.5	731.8	721.4	715.5	709.9
7	695.8	693.4	692.1	688.2	681.0	672.0	670.3	660.3	650.1	640.0	632.5
8	758.3	757.0	754.7	749.2	743.4	737.9	733.6	722.8	712.4	704.7	698.7
9	811.7	782.3	753.6	722.4	692.5	660.3	632.8	599.1	570.1	546.9	522.0
10	540.7	561.4	584.1	610.3	635.2	661.2	691.5	718.1	746.2	776.7	805.4
11	696.6	697.7	692.2	682.0	672.1	661.2	657.3	647.4	637.4	628.2	621.2
12	734.0	731.5	725.8	720.3	712.6	706.0	700.1	687.0	672.1	659.8	648.6
13	675.9	673.5	672.1	669.9	663.0	649.9	645.4	635.5	625.6	616.5	607.7
14	713.5	711.7	710.8	708.3	702.8	696.9	692.3	679.3	666.5	655.7	645.4
15	655.1	653.4	651.1	646.1	639.1	630.9	626.7	614.8	602.9	592.1	581.6
16	700.3	698.7	696.3	691.2	686.0	681.4	677.7	667.0	655.1	645.4	635.8
17	807.4	782.4	759.3	735.2	714.1	693.5	679.9	662.8	643.8	613.9	589.0
19	598.1	604.8	599.8	594.0	590.7	588.1	593.1	590.0	589.0	577.9	566.6
20	619.8	638.4	645.0	644.4	643.4	640.5	643.8	643.4	640.2	637.0	625.4
21	582.3	585.1	589.0	591.4	590.9	582.4	581.7	576.3	571.0	565.7	566.9
22	630.0	632.9	635.7	635.7	631.9	623.5	618.9	608.3	599.2	593.2	591.1
23	552.6	555.6	558.0	557.7	556.0	550.7	537.8	531.6	525.3	514.8	510.3
24	578.4	583.6	593.2	592.7	593.3	590.6	578.4	574.9	568.5	563.3	562.7
25	552.5	564.6	576.0	584.8	588.8	589.0	594.9	586.7	550.0	517.8	511.2
26	581.0	596.4	605.0	611.4	614.7	615.2	620.7	615.9	576.3	547.1	539.9
43	539.2	539.6	540.3	539.9	539.6	537.9	540.4	539.3	538.8	539.6	541.0
44	685.9	693.8	698.1	700.6	703.2	706.3	711.5	710.5	708.7	709.0	709.1
67	535.2	546.7	558.9	568.4	572.1	568.0	570.6	537.7	512.3	506.2	500.1
68	565.1	579.4	589.6	597.6	600.7	601.2	606.4	586.4	552.7	548.4	542.9
85	698.9	702.2	704.7	705.6	703.7	696.7	698.2	691.1	682.7	673.4	666.1
86	724.5	744.0	761.9	777.0	790.3	803.7	818.4	825.4	831.5	838.9	845.1
87	614.7	635.7	658.0	680.0	700.2	719.0	742.5	758.8	774.9	791.5	808.0
88	569.7	589.9	604.3	620.8	635.3	653.5	678.9	697.7	719.0	742.9	766.8
89	503.1	515.7	529.8	544.9	558.4	571.2	589.4	608.5	630.9	653.5	674.6
90	504.9	519.7	535.6	550.8	567.2	584.9	600.0	618.2	640.4	664.1	686.5
91	509.4	519.8	532.4	546.9	560.8	574.9	592.7	612.2	635.0	658.7	681.7
921	819.7	788.8	758.2	724.6	691.9	656.4	625.9	594.0	573.5	535.2	513.5

Table LXXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 373	R: 374	R: 375	R: 376	R: 377	R: 378	R: 379	R: 380	R: 381	R: 382	R: 383
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	606.3	638.9	669.0	699.5	728.9	759.1	794.0	823.1	853.4	885.7	915.7
93	538.0	557.6	580.2	604.1	626.6	652.1	682.0	708.3	736.2	766.9	795.4
94	610.7	637.9	666.1	695.1	723.6	752.8	786.7	815.3	845.0	876.7	906.4
95	555.4	574.0	588.5	605.1	620.0	638.1	663.5	682.5	704.0	728.2	752.1
125	565.9	573.2	578.0	579.4	578.2	565.1	557.2	546.6	534.9	523.5	511.3
126	616.6	621.0	623.3	624.0	618.2	607.0	595.5	585.5	571.9	560.1	551.0
128	906.0	894.8	884.4	871.9	859.4	844.3	838.1	825.2	811.1	796.4	783.5
132	476.8	489.3	502.9	516.4	530.8	546.0	565.2	579.1	594.9	614.2	632.2
201	1124.1	1104.8	1084.0	1056.6	1027.9	992.8	964.4	929.5	893.7	857.7	825.1
202	1175.4	1166.9	1156.4	1139.9	1120.7	1095.7	1077.6	1050.7	1022.6	994.9	970.0
203	1186.7	1189.8	1190.4	1185.7	1176.8	1162.2	1155.0	1136.6	1116.2	1096.4	1078.2
204	1149.2	1164.9	1177.1	1185.2	1187.9	1185.7	1190.9	1183.7	1174.0	1165.1	1156.3
205	1059.8	1086.7	1110.4	1130.9	1146.7	1158.6	1177.0	1182.2	1185.2	1189.1	1192.2
206	958.8	991.3	1021.1	1049.1	1072.8	1094.5	1122.1	1137.5	1151.2	1166.3	1179.8
207	871.6	905.0	936.4	967.0	994.3	1020.7	1052.8	1074.4	1094.8	1117.0	1137.3
208	809.7	842.4	874.2	905.7	934.6	962.9	997.1	1021.5	1045.5	1071.4	1095.6
209	993.9	1001.2	1006.2	1007.6	1005.2	995.8	997.3	987.5	975.6	962.4	951.7
210	1060.5	1071.2	1079.4	1083.6	1083.2	1076.6	1080.4	1071.7	1061.1	1049.6	1040.2
211	1119.6	1133.5	1144.0	1151.0	1152.7	1148.9	1154.1	1146.2	1136.3	1126.0	1116.7
212	1145.7	1160.2	1171.5	1178.3	1180.4	1179.0	1182.8	1175.1	1165.3	1156.6	1147.8
213	1109.3	1120.9	1129.8	1133.6	1134.2	1132.1	1132.8	1123.4	1112.6	1103.3	1093.8
214	1049.9	1058.1	1064.1	1065.2	1063.5	1060.2	1058.1	1047.1	1035.0	1024.6	1014.1
215	816.1	785.5	755.3	722.3	690.5	654.8	625.7	592.5	570.1	538.7	513.3
216	695.8	703.2	710.1	714.7	716.3	713.1	717.5	713.2	707.3	700.5	694.9
217	758.3	767.2	774.4	777.9	780.4	782.4	785.2	780.6	775.1	771.3	767.1
218	608.6	636.0	664.7	694.3	723.6	753.0	786.8	815.3	844.6	875.8	905.3
219	564.1	573.3	580.4	585.2	582.9	575.0	571.3	564.6	563.7	563.9	565.6
220	603.3	608.7	614.6	620.2	617.6	610.2	606.9	595.4	588.3	588.3	591.1
221	532.2	546.2	560.1	570.3	579.1	585.6	595.9	597.4	591.4	565.4	528.3
222	557.2	570.3	583.0	593.7	601.5	605.1	611.4	613.6	611.8	592.3	550.4
223	504.9	519.7	534.8	546.4	554.2	562.0	569.2	571.6	567.7	537.0	504.8
224	522.7	536.8	550.2	562.3	573.3	578.4	584.2	587.1	590.5	575.0	534.3
225	760.9	736.4	711.8	683.8	654.6	625.6	603.1	578.8	561.7	548.6	538.0
226	924.7	894.1	864.3	830.6	798.1	761.6	731.2	698.1	665.8	635.4	609.4
227	978.8	949.5	921.0	887.6	855.1	818.1	787.4	753.4	719.8	687.4	659.1
228	1050.0	1023.2	996.1	963.2	930.4	891.6	859.2	822.2	784.3	746.5	712.9

Table LXXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 373	R: 374	R: 375	R: 376	R: 377	R: 378	R: 379	R: 380	R: 381	R: 382	R: 383
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	691.2	722.5	753.9	785.6	816.0	846.6	882.1	910.5	939.0	969.8	998.5
230	490.9	508.9	532.6	561.4	580.6	601.3	626.0	648.2	671.9	697.9	723.8
231	824.2	825.2	825.7	823.3	818.2	806.9	806.3	796.5	785.2	773.1	763.1
232	936.9	941.5	944.0	943.1	938.8	927.7	927.6	917.0	904.4	890.5	879.3
233	989.9	994.3	996.8	995.1	991.4	986.6	982.6	970.6	958.2	947.7	937.3
234	888.3	889.7	889.7	885.7	880.9	875.9	871.0	859.2	847.5	837.8	828.3
235	555.9	576.7	588.5	596.2	598.7	592.5	600.0	600.4	598.1	592.6	573.4
236	524.9	553.2	569.9	582.7	592.7	601.7	618.5	625.6	631.4	635.8	637.3
237	515.4	526.8	541.9	557.0	573.1	590.0	611.5	632.2	649.9	668.9	688.1
238	513.2	524.5	539.6	553.3	570.9	592.7	617.0	634.3	653.8	675.7	697.9
239	511.4	524.2	540.5	556.2	571.2	589.8	615.1	633.5	654.3	677.8	701.8
240	493.7	500.2	508.7	517.7	526.5	533.4	545.0	561.1	581.3	607.5	633.7
241	481.0	507.9	528.7	547.1	564.1	576.2	587.2	576.2	561.5	564.0	565.5
242	238.2	228.9	215.8	202.3	189.5	181.0	180.4	181.5	183.9	186.2	193.5
243	339.5	327.0	314.7	302.0	290.1	278.6	270.4	261.5	252.6	245.0	238.3
244	793.4	775.7	759.2	741.2	723.7	704.5	691.4	665.8	624.6	581.2	552.5
245	761.1	737.9	715.6	689.6	661.9	622.2	588.0	564.9	546.2	532.9	522.0
246	592.9	609.4	619.8	610.6	603.8	598.7	605.1	600.5	599.5	577.0	570.0
247	569.0	581.1	588.8	590.6	587.4	582.3	583.1	575.5	565.7	559.1	551.1
248	563.0	570.5	575.9	578.0	579.6	578.5	568.1	536.6	521.6	512.3	506.7
249	609.4	614.9	623.0	623.0	622.0	615.7	606.5	566.6	553.2	547.1	534.5
250	392.3	421.5	452.5	480.9	504.3	524.9	546.2	559.2	567.3	573.1	576.8
251	349.1	359.8	371.6	383.6	393.8	403.2	416.3	424.5	432.1	438.8	444.3
252	67.6	70.7	73.8	77.1	88.7	80.4	87.0	95.9	95.2	96.0	105.0

Table LXXXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: $\beta = -2.0°$, $M_\infty = 1.20$, $q_\infty = 500.0$
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 362	R: 363	R: 364	R: 365	R: 366	R: 367	R: 368	R: 369	R: 370	R: 371	R: 372
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	585.0	608.9	635.4	662.4	691.5	721.2	751.5	777.9	813.5	840.0	869.5
3	725.8	732.7	737.0	740.2	742.1	743.1	742.4	736.9	734.8	727.4	721.1
4	673.4	682.0	687.5	690.5	692.1	693.8	696.2	693.4	691.9	684.4	678.2
5	744.5	745.8	744.6	743.0	741.5	737.6	733.2	725.0	720.1	711.4	704.1
6	685.2	688.1	689.2	689.1	687.7	685.7	683.3	677.9	671.0	661.4	653.7
7	753.5	750.8	745.4	740.2	733.2	727.4	719.9	708.9	701.0	690.3	681.0
8	700.6	700.4	698.0	693.6	687.7	683.0	679.6	672.0	665.8	655.7	648.3
9	807.4	779.8	748.5	718.6	688.3	661.0	632.7	599.7	574.1	548.9	522.9
10	542.9	564.1	586.1	610.4	635.9	663.0	690.7	715.6	748.8	774.3	802.7
11	733.1	732.7	725.7	717.8	709.0	702.3	694.5	682.8	672.6	659.5	647.6
12	700.4	696.3	686.6	677.3	667.2	660.8	654.6	645.1	637.8	626.5	616.7
13	716.0	713.3	709.2	705.8	699.5	692.3	685.4	675.7	664.8	653.2	641.0
14	671.2	669.9	670.9	664.6	657.3	650.9	644.7	633.5	625.4	614.0	604.4
15	698.6	695.8	690.5	685.2	679.3	674.5	667.5	656.5	647.2	636.4	625.6
16	653.1	652.3	648.7	643.1	637.0	632.7	627.2	615.7	605.1	591.4	580.2
17	805.0	781.4	755.0	730.9	708.6	691.7	675.9	660.3	644.2	609.6	582.6
19	637.7	644.8	637.8	636.3	634.2	629.8	629.3	629.4	631.7	625.2	612.4
20	588.9	605.2	605.4	603.8	600.6	598.7	601.7	601.3	601.9	591.0	581.5
21	628.3	628.3	629.1	628.3	622.5	614.8	614.7	612.1	610.0	602.8	597.8
22	594.7	599.6	603.2	599.6	584.7	582.9	576.7	569.3	565.1	559.5	561.4
23	588.2	589.9	593.6	593.5	591.5	583.5	568.1	562.1	558.3	552.0	549.8
24	553.1	558.6	563.3	564.6	563.0	556.0	541.8	540.3	540.2	533.3	524.9
25	584.1	597.7	606.0	610.5	613.8	616.2	617.8	613.2	580.9	546.8	538.1
26	557.0	567.9	577.6	581.8	585.3	592.3	592.5	581.4	541.6	514.6	508.9
43	539.6	539.8	539.5	538.7	538.1	538.8	539.1	538.5	540.6	539.0	539.8
44	646.7	650.0	652.6	651.8	649.4	649.9	653.0	651.7	652.7	648.9	647.4
67	563.9	576.3	585.1	591.6	595.7	596.9	599.0	581.1	546.5	540.3	533.5
68	542.2	553.0	564.0	569.1	571.0	574.5	569.3	537.1	516.3	510.6	506.2
85	760.6	763.2	763.2	762.6	760.7	758.3	754.1	745.6	740.9	731.0	722.9
86	682.1	698.5	714.6	727.1	738.7	750.3	762.3	769.4	779.2	780.7	784.3
87	642.8	666.3	690.2	712.7	735.7	757.8	778.7	795.1	818.4	832.9	849.3
88	560.6	578.4	597.5	615.3	633.8	653.6	676.4	693.0	718.7	735.8	755.8
89	502.9	515.1	530.3	544.6	561.9	579.6	597.5	617.2	644.8	662.0	683.3
90	514.1	524.6	536.2	547.2	560.7	576.8	592.3	610.8	635.5	652.7	673.4
91	509.8	519.8	531.4	544.2	558.7	574.8	591.7	611.5	638.8	656.9	678.8
921	820.8	791.5	758.7	726.5	693.1	662.2	632.4	603.5	581.9	549.6	519.2

Table LXXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\beta = -2.0°$, $M_\infty = 1.20$, $q_\infty = 500.0$
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 362	R: 363	R: 364	R: 365	R: 366	R: 367	R: 368	R: 369	R: 370	R: 371	R: 372
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	610.8	639.4	670.5	699.2	729.3	760.2	791.5	819.5	855.7	882.6	912.5
93	540.7	559.7	582.4	603.0	626.7	653.5	680.8	705.8	738.6	764.2	792.8
94	612.5	637.8	665.4	692.2	720.9	750.5	780.9	807.6	843.0	869.1	898.4
95	549.2	566.3	584.6	601.3	618.7	638.5	661.5	678.1	703.8	721.8	743.1
125	616.3	619.5	620.6	620.0	613.2	598.8	586.1	576.3	563.1	549.5	537.8
126	574.5	581.4	584.8	585.9	585.5	573.2	563.8	556.2	548.3	537.9	526.6
128	907.1	896.2	883.0	870.8	858.0	848.4	838.9	826.5	815.8	798.9	784.5
132	479.4	491.8	504.8	518.4	533.6	547.4	562.1	576.3	597.1	612.3	629.8
201	1124.9	1105.7	1079.5	1053.6	1023.5	996.1	964.9	932.0	898.1	861.6	827.4
202	1177.3	1168.4	1153.4	1137.0	1117.5	1099.4	1077.4	1052.6	1027.6	997.3	970.3
203	1189.7	1191.8	1188.9	1182.7	1173.9	1165.6	1153.7	1137.2	1121.5	1097.6	1077.8
204	1153.6	1167.8	1178.3	1183.5	1186.4	1189.4	1189.2	1183.2	1179.7	1165.5	1155.1
205	1064.0	1089.0	1112.5	1129.5	1146.0	1161.6	1174.5	1180.3	1191.0	1188.7	1190.7
206	963.6	993.9	1024.6	1048.9	1073.5	1097.4	1119.5	1134.9	1156.9	1165.1	1177.6
207	875.8	906.9	939.9	967.2	995.3	1023.2	1050.1	1071.0	1100.1	1115.4	1135.0
208	813.9	844.5	877.5	906.0	935.6	965.2	994.4	1018.0	1050.4	1069.4	1092.8
209	1050.6	1056.6	1058.2	1057.9	1055.7	1053.4	1047.5	1035.7	1028.7	1013.1	1001.3
210	1105.9	1115.0	1120.3	1122.4	1122.4	1122.4	1119.1	1109.2	1104.1	1089.1	1078.4
211	1146.3	1158.2	1166.6	1170.9	1173.3	1175.6	1174.1	1166.6	1162.3	1147.9	1137.3
212	1127.0	1140.5	1150.3	1154.8	1157.6	1160.3	1160.3	1155.1	1151.1	1136.8	1126.2
213	1070.8	1081.6	1089.0	1091.4	1091.8	1092.3	1091.2	1085.3	1080.0	1065.3	1053.5
214	996.2	1004.3	1009.0	1009.2	1007.3	1005.6	1003.1	996.1	989.2	973.9	960.9
215	818.0	788.3	754.7	722.4	689.0	658.7	627.1	593.9	565.6	540.8	515.3
216	753.7	761.4	766.4	770.2	772.7	774.1	773.7	768.4	767.1	759.7	753.9
217	703.3	711.2	717.6	720.2	721.3	722.8	724.7	722.2	720.1	711.5	704.5
218	614.2	641.6	670.7	699.1	729.3	759.6	790.4	817.0	852.8	878.9	908.1
219	606.4	611.3	614.4	617.5	613.9	609.4	610.6	604.5	602.9	596.7	594.5
220	570.5	580.1	585.3	582.4	568.1	568.7	561.3	557.0	560.7	561.2	563.6
221	559.2	570.7	582.2	593.2	602.3	607.8	614.6	614.6	616.1	602.7	560.1
222	534.2	547.6	558.8	568.9	575.9	585.6	594.2	596.4	592.8	569.4	526.5
223	526.4	540.4	553.3	564.0	572.8	582.3	585.3	587.5	588.5	578.3	538.9
224	503.6	517.3	529.8	540.4	550.6	560.0	568.5	573.0	572.6	544.4	505.0
225	758.4	734.6	707.0	679.5	649.9	627.9	605.3	582.7	565.2	552.0	540.6
226	920.0	890.7	856.5	824.2	790.5	760.1	728.4	696.6	666.2	635.9	608.6
227	975.4	947.4	914.0	882.4	848.9	818.5	786.3	753.7	722.2	689.7	660.1
228	1048.0	1021.9	989.2	958.1	924.0	892.9	858.2	822.6	786.6	748.0	712.3

Table LXXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 362	R: 363	R: 364	R: 365	R: 366	R: 367	R: 368	R: 369	R: 370	R: 371	R: 372
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	694.9	724.3	756.8	786.4	817.3	848.6	880.0	907.1	942.9	967.4	995.5
230	495.1	513.4	536.4	559.7	581.0	604.1	626.1	646.2	674.9	696.2	721.1
231	890.6	890.7	887.1	883.2	877.8	872.5	864.8	852.7	844.8	831.6	820.6
232	997.4	1000.5	999.3	997.1	992.9	988.6	981.3	968.4	960.2	944.4	932.0
233	931.2	936.0	937.7	935.4	931.1	927.7	923.8	916.0	908.3	893.0	880.1
234	823.6	825.8	825.4	822.2	816.9	812.2	808.5	800.7	793.6	780.3	768.7
235	579.8	605.5	617.2	630.0	635.2	639.2	641.5	642.1	644.9	639.1	632.6
236	539.1	559.9	581.2	605.2	621.1	635.2	648.0	656.0	670.8	677.0	682.8
237	493.9	515.7	544.5	563.1	581.4	601.4	622.2	638.9	664.0	682.4	705.5
238	499.4	522.5	541.3	559.4	576.1	594.4	615.1	633.2	664.7	683.8	705.9
239	513.1	527.5	541.9	558.3	573.7	593.0	615.6	632.4	658.6	678.2	701.2
240	492.0	500.8	510.4	521.5	531.0	541.5	550.6	561.5	583.4	607.1	632.6
241	454.5	486.2	519.6	545.2	567.2	586.1	599.8	610.2	602.8	601.7	607.4
242	237.5	224.8	212.3	199.1	185.8	176.6	173.3	173.5	177.0	180.7	189.0
243	339.3	326.3	313.3	300.8	288.8	279.1	270.9	263.3	255.6	248.6	242.0
244	791.4	774.6	755.6	738.0	719.8	704.5	688.5	665.7	627.5	588.1	557.2
245	758.1	736.1	710.6	685.1	655.6	619.4	590.4	568.0	549.9	535.5	522.7
246	656.0	657.0	655.5	653.1	643.8	641.4	639.3	634.6	634.1	621.4	610.2
247	602.8	612.7	619.1	624.8	627.5	625.0	620.3	614.1	614.1	608.2	600.1
248	601.0	605.3	610.6	613.7	614.8	612.3	597.3	558.9	550.2	543.9	532.0
249	566.2	573.5	580.5	584.7	584.5	580.9	573.3	543.3	529.4	520.0	508.1
250	460.6	487.1	511.4	533.4	552.3	566.1	578.3	584.9	592.9	592.3	590.8
251	378.9	388.4	398.0	407.4	417.7	428.0	435.0	442.0	453.1	458.2	463.6
252	70.4	71.8	76.1	77.2	89.4	81.7	84.3	92.0	98.6	93.3	101.6

Table LXXXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 388	R: 389	R: 390	R: 391	R: 392	R: 393	R: 394	R: 395	R: 396
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	602.4	630.1	658.8	687.5	717.5	748.2	778.6	808.5	837.4
3	625.8	630.7	633.1	632.6	631.0	625.5	620.9	612.7	603.0
4	787.9	795.7	802.0	808.7	812.7	816.6	815.3	812.5	808.2
5	633.5	639.8	638.0	633.8	629.5	624.1	616.8	608.1	598.2
6	800.7	801.0	801.2	804.2	802.7	800.1	794.3	785.3	777.5
7	640.9	637.0	631.3	625.2	623.5	614.7	606.8	598.0	587.6
8	813.6	809.6	805.6	802.5	797.3	791.9	782.5	772.6	762.6
9	772.9	744.0	714.6	685.5	655.9	625.1	594.9	572.8	540.4
10	554.0	579.7	607.7	633.7	660.4	688.3	716.4	744.6	772.4
11	671.0	665.2	642.6	645.2	644.5	616.8	610.1	614.9	619.3
12	774.2	769.7	766.9	765.2	760.9	756.7	747.1	735.3	721.1
13	636.8	645.5	639.9	635.4	634.6	616.1	603.8	599.0	595.9
14	759.3	756.9	758.1	756.6	753.0	749.9	740.0	731.0	720.3
15	616.9	617.2	613.5	612.6	610.7	601.6	591.5	582.8	573.2
16	750.9	747.1	743.8	741.6	737.6	733.7	725.4	716.1	705.7
17	774.4	747.4	723.9	704.0	686.1	669.0	652.9	624.6	594.6
19	553.4	556.4	551.8	549.3	555.4	556.7	558.1	553.6	536.9
20	684.6	689.1	690.4	691.1	690.1	693.0	691.7	689.1	685.1
21	560.1	564.2	563.6	558.1	551.0	543.0	540.5	539.8	535.1
22	672.6	673.2	671.3	669.9	666.1	662.5	659.5	654.9	649.2
23	532.9	534.9	535.5	537.0	529.2	509.8	503.4	497.7	487.9
24	630.6	633.1	635.1	634.3	628.4	618.6	611.4	606.8	603.5
25	539.3	548.7	558.4	565.0	569.4	567.0	558.8	531.1	498.1
26	620.2	630.6	637.4	643.1	645.2	646.1	644.2	634.5	590.2
43	539.4	539.5	539.8	540.0	540.2	540.5	540.7	540.6	540.6
44	735.8	743.6	750.0	757.1	763.7	770.3	772.9	774.0	773.3
67	523.0	533.5	543.3	545.8	548.5	543.5	514.2	484.5	475.0
68	598.2	612.2	621.1	628.7	630.6	634.7	632.8	610.9	593.6
85	644.4	637.1	647.4	645.0	642.2	632.1	630.9	622.6	613.4
86	786.6	806.4	824.5	842.4	858.1	873.5	884.0	892.9	899.5
87	606.0	625.1	644.8	662.7	680.4	695.9	712.6	726.8	739.8
88	578.8	590.2	609.7	631.6	654.0	675.6	697.1	718.1	740.6
89	511.5	523.5	534.3	547.4	562.4	580.0	598.9	619.6	636.2
90	498.4	521.1	543.0	564.5	582.7	603.2	623.9	647.6	671.1
91	510.7	525.3	541.6	558.3	573.8	591.5	610.3	632.2	653.2
921	782.2	747.8	714.5	683.2	651.7	619.2	590.3	554.4	525.0

Table LXXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 388 Pi	2.0° R: 389 Pi	4.0° R: 390 Pi	6.0° R: 391 Pi	8.0° R: 392 Pi	10.0° R: 393 Pi	12.0° R: 394 Pi	14.0° R: 395 Pi	16.0° R: 396 Pi
922	634.6	666.2	697.0	727.0	758.4	790.2	821.4	851.7	881.0
93	549.2	575.8	602.4	626.1	652.1	679.5	707.2	735.3	763.1
94	635.6	665.4	695.1	724.4	755.3	786.8	817.7	847.7	877.0
95	562.9	574.4	594.0	616.1	638.9	660.6	682.2	703.1	725.9
125	535.0	543.0	545.8	548.8	543.6	529.2	522.7	513.8	504.4
126	664.9	663.7	661.1	657.1	647.3	630.0	617.9	605.3	595.7
128	884.5	873.5	863.5	853.9	844.6	834.4	823.4	807.5	784.4
132	488.0	500.5	514.3	528.5	544.0	560.1	575.8	590.9	600.7
201	1090.8	1068.4	1043.2	1015.5	985.5	952.3	920.4	886.4	850.9
202	1151.7	1140.4	1125.5	1107.6	1087.2	1063.7	1040.1	1014.1	985.5
203	1175.1	1175.3	1171.7	1164.7	1154.9	1140.8	1126.2	1107.7	1087.0
204	1150.5	1163.3	1171.9	1176.8	1179.1	1176.5	1173.1	1165.2	1154.6
205	1074.1	1098.5	1119.3	1136.8	1152.1	1163.0	1172.3	1176.7	1178.6
206	980.7	1011.7	1039.9	1065.3	1089.6	1110.4	1129.4	1144.2	1156.8
207	896.1	928.9	959.6	988.2	1016.8	1043.1	1067.5	1089.0	1108.5
208	835.1	868.3	899.8	929.6	959.9	988.8	1016.1	1040.8	1063.9
209	939.5	944.1	945.5	943.2	939.8	932.4	926.4	915.9	902.5
210	1018.5	1026.6	1030.7	1031.2	1030.2	1024.8	1020.6	1011.2	999.0
211	1097.7	1108.5	1115.8	1119.0	1120.1	1116.5	1112.9	1104.5	1093.1
212	1168.1	1179.9	1187.2	1191.9	1193.9	1191.7	1187.4	1179.2	1168.9
213	1149.1	1158.2	1163.5	1166.9	1167.1	1164.1	1157.4	1148.1	1137.0
214	1102.7	1108.7	1111.5	1112.9	1110.8	1106.5	1097.5	1086.8	1074.5
215	773.2	741.4	710.0	678.5	646.3	612.0	582.6	557.9	526.7
216	646.1	654.7	658.0	658.3	656.3	654.0	651.1	644.5	636.6
217	821.6	828.9	835.2	841.4	844.9	847.9	845.6	842.1	837.3
218	628.7	657.8	687.0	715.8	746.1	776.5	806.5	835.7	863.8
219	552.7	556.3	553.9	549.0	539.4	531.0	531.6	533.3	530.4
220	648.5	652.0	654.5	656.1	655.0	654.8	652.8	650.1	645.7
221	528.2	541.5	554.2	562.8	566.7	573.8	575.5	566.6	540.3
222	595.8	607.0	616.4	623.6	629.3	635.4	635.8	634.3	628.5
223	506.7	521.8	531.1	538.1	546.9	552.2	551.5	539.7	502.8
224	561.1	575.0	585.2	594.2	602.8	608.8	611.8	612.5	610.4
225	726.1	699.1	671.7	643.8	616.5	588.9	564.4	544.5	528.6
226	888.2	856.1	824.0	792.0	759.2	725.7	695.2	664.8	635.3
227	939.1	908.0	876.4	844.7	812.0	778.6	748.0	716.2	684.5
228	1012.7	983.6	952.7	920.7	886.4	850.3	815.8	779.7	742.6

Table LXXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 388	R: 389	R: 390	R: 391	R: 392	R: 393	R: 394	R: 395	R: 396
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	717.0	749.7	781.7	812.6	844.6	876.4	906.9	935.9	963.6
230	514.4	531.4	549.6	569.9	592.3	619.9	643.9	668.5	693.2
231	758.8	758.9	756.8	751.8	746.5	738.2	731.7	721.3	709.4
232	878.6	880.5	879.8	875.6	870.6	862.0	854.8	843.3	829.2
233	1046.2	1048.5	1048.5	1048.2	1044.1	1038.4	1028.2	1017.1	1004.7
234	949.4	948.4	946.5	944.8	939.6	933.8	923.4	912.5	900.8
235	557.8	564.4	562.8	557.9	560.0	559.0	554.6	548.1	522.0
236	543.9	553.3	559.7	565.3	573.7	578.6	583.9	580.9	571.3
237	522.7	533.6	543.7	562.9	582.0	597.6	612.7	624.9	640.4
238	513.9	532.0	547.8	565.2	585.0	603.1	621.8	638.2	657.8
239	511.9	527.4	545.9	566.3	588.0	608.3	629.0	648.9	670.8
240	494.8	504.3	514.5	524.6	534.4	547.8	563.1	581.2	603.1
241	516.9	532.2	544.2	551.3	556.5	551.1	526.8	518.4	513.3
242	270.5	260.9	251.0	243.2	235.6	228.9	222.0	215.6	209.2
243	319.3	306.1	293.2	280.6	268.7	257.0	247.8	239.3	231.6
244	765.7	747.0	729.2	712.1	695.9	679.5	658.2	618.6	574.8
245	727.2	702.2	676.7	649.2	615.2	582.4	561.2	539.6	520.8
246	530.3	539.1	539.7	541.7	547.0	553.5	558.4	546.4	536.5
247	553.0	554.9	556.8	553.1	542.7	538.1	535.1	532.1	520.6
248	539.7	547.3	552.9	553.3	552.8	545.2	518.5	496.6	486.6
249	651.6	653.7	655.0	654.5	650.9	645.0	610.2	590.9	580.0
250	365.6	399.9	432.6	460.8	485.9	507.5	524.5	537.1	545.5
251	338.8	353.3	367.7	380.7	388.6	404.4	410.8	417.6	423.3
252	75.9	70.3	73.6	85.8	88.9	81.5	92.7	92.0	90.0

Table XC: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 469	R: 470	R: 471	R: 472	R: 473	R: 474	R: 475	R: 476	R: 477	R: 478	R: 479	R: 480	R: 481
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	694.5	695.4	694.7	694.8	694.7	694.3	694.7	693.3	692.2	692.2	690.4	688.6	683.9
3	800.8	773.1	760.0	744.9	730.4	723.9	716.4	709.0	701.4	689.1	676.0	663.0	634.0
4	642.4	668.2	680.9	695.7	710.8	716.7	724.2	730.2	737.1	748.9	762.3	775.2	804.9
5	800.6	773.1	759.8	744.6	730.0	723.5	715.9	708.8	701.4	689.2	676.5	663.7	635.3
6	640.0	665.0	677.1	691.5	706.2	711.9	719.1	724.8	731.9	743.6	757.3	770.6	800.6
7	789.8	763.0	750.3	735.3	721.5	715.2	707.8	700.6	693.3	680.6	667.6	654.9	626.3
8	640.8	664.7	677.0	691.2	705.8	711.4	718.1	723.9	731.1	742.6	756.1	769.1	799.0
9	683.0	688.1	690.9	691.4	690.5	690.9	691.2	691.8	692.9	691.0	690.8	689.7	685.8
10	639.2	639.7	638.9	638.7	638.4	638.1	638.4	637.3	636.4	636.7	635.6	634.3	630.7
11	758.9	734.8	724.0	711.9	700.8	695.9	690.1	685.2	680.5	672.2	664.0	655.7	641.3
12	626.6	650.0	659.8	670.4	681.3	685.9	691.3	696.1	702.1	711.6	723.3	735.0	762.6
13	751.0	729.0	716.1	703.0	690.9	685.3	679.6	674.6	669.9	662.4	655.3	648.4	634.5
14	626.3	643.3	651.1	660.4	670.9	675.2	680.9	685.7	691.9	701.7	714.0	725.8	753.9
15	730.6	706.2	694.9	682.1	670.1	664.8	658.5	652.9	647.8	639.4	631.9	624.9	612.1
16	606.3	622.7	630.5	640.2	651.5	656.4	662.6	667.9	674.6	685.1	697.8	710.1	739.0
17	700.5	707.5	711.4	711.8	713.5	713.4	712.6	712.7	713.5	713.2	713.1	711.1	703.9
19	683.4	659.8	649.0	636.4	624.1	618.8	612.8	607.2	601.6	592.6	584.6	575.9	549.7
20	564.2	585.8	594.1	603.3	613.4	617.8	623.5	627.7	632.9	641.5	652.1	662.8	688.8
21	684.8	645.0	635.5	624.9	614.2	610.1	605.3	601.2	598.1	591.4	584.2	578.7	562.5
22	556.2	568.9	575.7	587.6	603.1	608.7	614.4	617.9	622.3	628.6	637.6	646.4	667.1
23	640.2	620.3	608.1	593.4	580.9	576.8	571.4	567.7	567.8	561.0	552.7	547.8	536.5
24	541.8	552.2	557.6	565.8	572.9	575.2	579.0	582.5	586.5	593.3	601.8	611.5	632.2
25	643.4	628.7	622.6	615.2	609.6	608.0	604.2	598.6	596.1	590.0	582.5	574.9	560.0
26	565.5	573.2	579.4	589.3	597.2	599.4	602.4	606.0	609.1	613.1	619.5	625.9	641.2
43	766.4	742.2	730.8	718.3	706.3	701.1	695.0	689.3	683.7	674.9	666.3	658.5	647.4
44	612.0	627.8	638.5	652.8	667.0	672.7	679.9	685.5	692.0	703.0	715.3	727.2	754.2
67	625.0	610.6	604.3	597.0	592.7	591.8	587.7	581.9	579.3	572.7	565.2	557.6	542.0
68	546.5	556.8	564.5	575.5	583.8	585.2	588.6	592.8	595.8	599.2	605.5	612.0	626.9
85	822.4	792.3	779.3	763.3	748.1	741.5	733.3	725.8	718.0	704.8	690.8	676.8	646.5
86	691.5	717.3	728.6	742.7	756.6	761.9	769.3	774.3	780.3	791.0	802.4	813.3	837.8
87	771.9	755.9	747.6	738.6	729.6	725.4	720.8	715.6	709.9	702.3	692.6	683.0	661.3
88	617.3	627.9	631.2	635.8	635.4	635.6	635.5	634.4	633.8	634.2	634.3	634.9	627.8
89	559.5	562.8	563.2	563.3	562.7	561.7	561.0	559.3	558.2	557.2	555.7	553.5	547.2
90	553.7	558.7	559.8	561.0	561.9	562.9	564.6	564.9	565.5	565.4	564.2	563.3	560.4
91	556.3	558.6	558.7	559.6	560.4	560.5	560.2	559.6	559.0	559.0	557.8	556.6	555.8
921	681.8	686.8	688.8	696.4	697.4	696.0	691.7	689.8	691.2	690.0	689.4	691.4	683.0

Table XC: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 469	R: 470	R: 471	R: 472	R: 473	R: 474	R: 475	R: 476	R: 477	R: 478	R: 479	R: 480	R: 481
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	730.9	732.7	732.0	732.4	732.4	732.4	732.8	731.5	730.4	730.7	729.0	727.1	722.3
93	629.6	630.5	629.5	629.3	629.0	628.8	629.1	628.0	627.3	627.9	627.1	626.0	623.0
94	719.9	722.9	723.0	724.2	725.1	725.2	726.0	725.2	724.5	725.4	724.4	723.3	720.3
95	606.1	615.0	617.3	620.6	620.3	620.1	620.3	619.2	618.7	619.1	618.9	619.8	612.7
125	653.8	634.9	625.9	615.7	605.8	601.2	595.8	591.5	587.2	580.6	574.6	565.8	548.0
126	558.2	572.0	580.0	587.3	595.5	599.5	603.2	606.7	610.6	616.2	624.7	633.5	654.7
128	860.2	860.1	860.7	862.1	860.8	860.4	860.6	860.0	860.3	859.5	855.7	853.9	852.6
132	533.9	534.9	535.2	535.5	535.5	535.0	535.2	534.1	533.2	532.7	531.8	531.1	529.6
201	1018.8	1024.5	1027.5	1028.6	1029.3	1028.5	1028.1	1027.8	1028.2	1025.5	1024.4	1021.9	1016.9
202	1112.3	1118.5	1121.1	1122.6	1123.8	1122.8	1122.2	1121.4	1121.3	1118.5	1117.3	1114.1	1107.9
203	1168.9	1175.3	1177.2	1178.7	1180.7	1179.5	1179.0	1177.9	1177.4	1175.1	1173.3	1170.1	1163.3
204	1183.3	1188.8	1190.0	1191.4	1192.8	1192.1	1191.3	1189.9	1188.9	1186.9	1184.6	1181.5	1174.0
205	1143.4	1148.6	1149.3	1150.7	1152.0	1151.8	1151.3	1149.5	1148.0	1146.8	1144.1	1140.6	1132.7
206	1072.7	1077.0	1076.8	1077.9	1078.6	1078.4	1078.3	1076.2	1074.6	1073.7	1071.1	1067.7	1060.4
207	995.5	999.1	998.6	999.4	999.8	999.6	999.7	997.8	996.4	995.9	993.5	990.4	983.1
208	936.7	939.7	939.0	939.5	939.8	939.6	939.7	937.8	936.5	936.3	933.9	931.2	924.4
209	1105.9	1082.4	1072.4	1059.2	1046.7	1040.4	1032.9	1025.5	1018.2	1005.3	991.1	976.7	943.8
210	1159.9	1143.6	1136.2	1126.8	1117.1	1112.0	1105.8	1099.6	1093.5	1083.0	1071.0	1059.0	1030.8
211	1191.3	1185.6	1182.2	1177.8	1173.6	1170.5	1166.7	1162.6	1158.9	1152.3	1144.5	1136.3	1117.2
212	1132.9	1149.7	1155.6	1162.8	1169.8	1171.6	1174.0	1175.0	1177.0	1179.5	1182.3	1184.1	1188.4
213	1048.7	1074.6	1084.8	1096.9	1108.8	1112.6	1118.0	1121.5	1125.9	1132.8	1140.7	1147.4	1162.6
214	951.5	983.5	996.8	1012.5	1027.8	1033.0	1040.4	1045.7	1052.4	1062.4	1074.0	1084.5	1108.2
215	690.4	692.3	693.0	692.3	690.8	690.8	690.8	691.9	693.0	688.9	686.8	684.7	679.0
216	833.0	803.9	791.0	775.5	760.5	754.0	746.0	738.5	730.6	717.7	703.8	689.8	659.5
217	669.3	697.6	710.2	725.6	741.0	747.1	754.9	761.0	768.1	780.5	794.2	807.5	837.5
218	736.1	735.3	733.5	732.6	731.4	730.6	730.2	728.3	726.5	725.6	722.7	719.5	711.9
219	655.2	634.9	626.1	615.8	606.6	603.0	598.7	594.8	591.4	583.5	574.9	569.0	553.6
220	540.2	552.2	559.4	570.1	585.8	592.4	599.7	603.8	607.7	614.4	623.2	632.1	653.2
221	626.9	615.4	610.6	605.0	598.5	595.3	591.9	588.9	585.5	579.7	573.3	567.9	561.7
222	566.0	574.5	575.6	578.0	584.7	587.9	591.9	592.5	594.4	600.0	604.2	609.2	622.0
223	598.4	587.2	581.6	575.2	570.0	567.6	565.2	562.2	559.3	553.8	550.2	549.2	540.4
224	540.0	549.1	553.0	552.9	555.8	558.7	563.4	565.5	566.5	570.8	575.3	579.4	591.5
225	643.1	649.7	652.4	652.9	653.1	653.5	653.6	654.2	655.6	653.8	653.5	652.0	644.6
226	783.6	790.1	793.4	794.6	794.9	794.9	795.4	796.2	797.7	795.9	795.3	794.0	793.0
227	843.9	849.2	852.3	853.4	853.5	853.3	853.4	853.9	854.9	852.8	852.9	851.6	846.2
228	918.5	924.3	927.5	929.0	929.3	928.8	929.0	929.3	930.2	927.7	927.7	925.8	922.4

Table XC: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 469	R: 470	R: 471	R: 472	R: 473	R: 474	R: 475	R: 476	R: 477	R: 478	R: 479	R: 480	R: 481
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	819.7	821.4	820.6	820.8	820.9	820.8	821.0	819.4	818.1	818.0	815.9	813.6	807.7
230	578.3	585.9	585.6	583.3	583.7	583.0	583.0	581.8	580.8	580.4	582.8	575.6	567.1
231	940.4	910.5	897.2	880.9	865.0	858.0	849.4	841.6	833.3	819.0	803.5	787.9	753.4
232	1048.5	1022.2	1011.0	996.4	982.4	975.9	967.7	960.3	952.6	939.0	924.4	909.7	876.4
233	874.4	906.3	920.0	936.3	952.3	958.0	965.9	972.0	979.2	990.6	1003.8	1016.0	1043.6
234	757.6	788.9	804.0	821.3	838.2	844.6	852.6	859.4	867.5	880.2	894.8	908.8	940.0
235	671.1	654.0	645.9	636.7	628.0	623.9	618.9	614.7	609.8	600.9	590.5	580.9	558.7
236	642.4	633.8	628.1	622.5	617.4	614.6	611.4	608.0	603.6	595.1	587.1	581.0	563.6
237	584.6	584.7	582.8	583.0	582.8	582.1	580.9	578.9	576.3	573.4	570.4	566.7	558.2
238	577.1	577.4	576.4	577.7	575.8	574.5	573.8	571.6	569.8	570.9	571.9	570.2	560.8
239	570.1	574.7	574.8	575.2	573.8	573.2	573.1	571.7	570.6	570.2	569.5	570.0	562.7
240	529.5	532.7	533.8	533.6	532.1	531.3	530.3	528.6	527.2	526.1	525.7	524.9	521.9
241	566.7	570.3	570.1	569.7	570.9	569.3	567.1	564.6	562.5	561.5	560.8	557.8	552.5
242	234.0	217.4	199.4	187.5	183.2	182.6	182.3	182.9	184.4	186.6	193.7	207.1	239.1
243	277.5	283.4	287.2	289.6	290.0	290.3	290.2	290.3	290.9	290.5	289.1	286.3	279.9
244	710.6	718.0	721.3	723.3	724.5	724.7	724.9	725.0	725.6	724.0	722.8	719.7	712.5
245	645.9	653.5	657.2	659.1	660.7	661.3	661.6	662.3	663.7	661.7	660.7	658.3	650.9
246	693.1	667.9	657.9	645.6	634.1	629.3	623.4	618.1	613.5	606.0	591.3	577.9	542.7
247	667.3	648.7	639.6	629.6	620.9	617.0	612.1	606.1	599.7	589.3	579.8	571.9	558.1
248	649.0	632.2	625.3	616.5	607.4	603.2	598.4	595.4	592.5	581.7	574.5	567.3	553.2
249	559.8	572.7	578.9	587.3	597.1	600.7	605.6	609.3	614.1	621.3	628.5	635.1	652.5
250	594.2	574.4	565.0	553.9	542.4	537.0	530.3	523.7	516.6	506.5	494.1	482.3	457.5
251	448.8	433.0	426.2	419.6	413.1	410.9	406.8	402.6	400.4	397.6	392.4	387.9	380.1
252	80.8	83.0	82.4	82.8	83.1	82.9	83.3	81.8	80.5	80.6	88.5	86.3	80.6

Table XCI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
fice	R: 387	R: 384	R: 385	R: 386
ID	Pi	Pi	Pi	Pi
2	752.7	753.2	753.8	748.9
3	743.8	716.0	687.4	626.9
4	698.0	722.7	753.3	814.3
5	734.7	707.8	680.3	625.1
6	685.5	708.2	737.8	797.8
7	723.2	696.5	670.2	617.3
8	681.3	702.9	731.4	789.5
9	634.5	632.3	630.3	623.8
10	691.8	692.0	692.6	688.7
11	696.1	674.5	656.5	617.3
12	656.2	672.7	697.9	754.3
13	686.9	663.3	645.0	614.0
14	646.6	663.1	690.1	747.6
15	669.0	645.8	625.9	601.6
16	628.9	648.1	675.6	731.4
17	677.9	678.0	678.2	668.8
19	630.5	610.1	592.7	557.9
20	603.2	619.1	642.6	691.0
21	615.8	601.0	581.5	543.3
22	578.1	591.5	616.6	660.7
23	569.4	552.8	536.8	510.2
24	543.2	557.2	576.5	616.7
25	619.2	608.7	594.6	567.6
26	594.2	606.2	619.5	644.9
43	540.5	539.1	539.5	540.3
44	654.7	680.2	710.0	768.1
67	600.7	589.7	569.4	543.6
68	571.0	589.0	604.9	633.4
85	755.6	727.1	698.0	634.0
86	764.2	788.6	817.3	871.5
87	779.7	761.7	743.5	697.8
88	677.9	678.4	679.2	676.3
89	598.4	594.6	590.0	580.7
90	593.3	596.7	600.0	603.3
91	592.6	592.9	593.2	591.7
921	633.9	627.9	623.1	617.1

Table XCI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 387	R: 384	R: 385	R: 386
	Pi	Pi	Pi	Pi
922	792.8	793.8	795.1	790.3
93	681.9	682.2	683.0	679.6
94	782.2	784.8	787.7	787.0
95	662.5	663.0	664.3	661.3
125	587.2	571.9	556.6	528.4
126	564.9	577.4	594.0	626.8
128	841.1	836.8	836.7	834.3
132	563.0	565.4	565.5	560.3
201	968.1	963.8	961.7	952.4
202	1080.9	1076.8	1075.3	1063.9
203	1156.9	1153.7	1153.2	1141.1
204	1192.3	1189.5	1189.8	1176.8
205	1177.2	1175.7	1176.7	1163.3
206	1121.8	1121.0	1122.3	1110.7
207	1052.0	1052.0	1053.4	1043.2
208	996.2	996.4	997.8	989.0
209	1049.6	1023.0	996.7	934.4
210	1121.6	1100.2	1079.6	1026.5
211	1176.9	1164.0	1153.1	1117.5
212	1163.4	1170.5	1181.4	1191.2
213	1094.4	1110.2	1131.0	1162.9
214	1005.8	1028.1	1055.9	1104.8
215	629.0	625.3	623.3	610.5
216	775.2	746.7	717.6	655.6
217	727.0	752.0	783.4	845.4
218	791.6	789.8	788.1	777.2
219	611.8	592.5	571.0	531.4
220	562.5	577.3	604.2	653.0
221	615.8	604.6	595.5	574.6
222	595.4	601.2	610.4	634.6
223	586.3	577.0	569.1	552.7
224	569.6	574.6	583.5	607.8
225	606.9	603.1	600.8	587.3
226	730.9	728.9	728.3	725.2
227	789.0	785.8	784.5	778.4
228	861.4	857.5	856.2	850.5

Table XCI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 387 Pi	0.0° R: 384 Pi	2.0° R: 385 Pi	6.0° R: 386 Pi
229	881.5	882.2	883.1	876.6
230	627.1	626.4	626.9	621.2
231	866.6	836.7	806.0	739.8
232	983.3	955.1	927.1	863.8
233	926.6	950.0	980.3	1036.5
234	810.8	836.3	868.7	931.3
235	642.7	623.1	599.8	560.4
236	649.1	632.3	618.6	579.9
237	623.2	618.5	612.0	599.0
238	616.1	619.4	617.6	604.3
239	616.7	615.9	615.8	609.4
240	551.9	545.8	545.3	548.0
241	600.6	594.4	586.7	552.3
242	175.6	164.3	176.8	224.5
243	271.0	270.5	269.4	255.5
244	690.6	690.7	689.5	679.1
245	591.9	587.8	585.5	581.6
246	640.6	621.3	604.9	555.9
247	621.8	601.1	582.9	538.8
248	599.4	582.6	566.8	545.3
249	575.5	587.1	603.6	643.4
250	579.2	563.7	547.0	509.2
251	435.8	425.7	416.1	405.1
252	85.7	86.6	88.0	81.8

Table XCII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 685.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 991	R: 992	R: 993	R: 994	R: 995	R: 996	R: 997	R: 998	R: 999	R: 1000	R: 1001	R: 1002
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	789.0	804.0	837.9	876.9	915.5	954.5	993.6	1038.3	1080.1	1118.9	1159.5	1198.1
3	950.0	957.9	965.8	974.6	977.6	980.0	982.1	982.3	978.7	971.9	961.5	950.5
4	948.2	963.0	975.5	989.0	988.7	990.4	992.9	992.7	988.4	981.9	972.8	965.1
5	977.3	981.3	981.5	990.2	990.7	989.8	986.0	972.6	964.7	955.0	942.1	930.3
6	970.7	975.8	977.9	986.1	988.0	985.0	981.3	971.5	961.5	950.9	938.4	928.0
7	993.2	994.7	988.6	985.2	976.6	968.5	963.8	956.1	944.5	931.2	914.8	900.7
8	995.3	998.1	995.0	994.5	993.7	987.1	975.9	966.1	953.7	941.4	927.1	916.0
9	1130.1	1114.0	1069.9	1029.7	988.2	947.4	911.2	869.8	823.6	787.5	747.2	712.5
10	724.6	741.7	769.8	803.3	841.8	875.2	910.2	951.0	990.4	1028.1	1067.7	1105.3
11	894.8	901.6	906.5	910.7	912.9	909.5	910.0	908.8	903.5	893.9	888.4	877.7
12	895.8	899.5	903.7	911.3	914.7	917.0	918.2	915.3	909.1	900.7	891.0	884.8
13	902.8	906.4	907.9	916.9	918.2	918.0	918.0	909.6	904.1	896.0	889.0	891.8
14	900.7	906.1	909.7	920.4	922.5	921.9	920.0	912.2	903.8	894.8	887.6	885.7
15	917.8	920.4	917.6	917.1	909.6	906.0	904.1	900.6	890.9	879.3	868.6	861.8
16	903.9	908.0	908.0	910.3	907.9	904.2	902.1	895.4	886.2	874.5	861.4	851.9
17	1122.6	1109.4	1072.3	1039.5	1006.7	977.4	955.2	933.3	912.8	893.1	843.2	803.0
19	805.7	825.2	846.6	849.8	845.2	842.4	837.6	838.0	840.8	839.7	832.5	816.5
20	802.8	815.2	845.7	859.8	855.4	855.5	853.0	854.5	851.9	848.0	833.0	822.9
21	831.8	836.3	836.9	840.1	837.5	832.5	830.5	826.7	817.3	812.3	805.8	804.1
22	837.6	842.0	843.9	849.1	847.8	842.7	827.1	812.9	799.7	792.2	785.1	788.0
23	780.7	784.8	786.3	789.0	785.1	782.3	776.6	756.2	755.3	744.2	732.0	731.2
24	739.9	746.5	752.8	753.7	763.5	765.7	761.3	738.1	736.9	732.1	720.9	714.1
25	773.5	784.5	797.8	813.7	822.3	829.4	834.4	836.9	827.0	769.5	730.3	720.9
26	771.1	782.2	795.5	808.9	817.9	824.2	829.0	833.8	820.0	757.3	723.3	715.1
43	882.4	897.2	908.9	922.7	924.8	931.3	937.9	946.8	950.1	939.5	930.8	923.2
44	869.5	882.3	896.0	909.0	918.1	926.2	931.3	933.0	930.9	926.5	919.3	913.1
67	745.0	755.2	768.7	784.2	795.8	803.9	809.3	808.2	757.7	726.9	718.0	709.2
68	747.3	757.3	771.9	787.7	797.2	802.8	807.4	808.0	760.6	732.4	723.3	713.8
85	994.0	998.5	996.5	996.9	999.7	1000.6	998.5	995.0	987.8	978.1	964.2	952.2
86	951.4	964.0	989.0	1014.0	1033.5	1051.3	1067.7	1082.6	1092.9	1100.3	1105.7	1111.3
87	846.0	862.9	891.6	925.4	956.2	985.2	1014.3	1044.4	1072.3	1096.7	1120.0	1141.2
88	763.0	768.5	777.9	800.4	821.8	843.7	870.1	904.4	930.6	959.3	990.9	1021.7
89	677.6	690.1	704.7	726.3	748.5	769.8	790.6	816.8	848.6	876.7	906.6	935.8
90	689.9	699.1	713.6	733.2	752.9	770.9	794.1	819.5	848.4	876.6	905.2	933.3
91	691.9	701.2	711.6	729.3	749.5	768.9	789.7	815.5	847.4	877.9	908.4	938.1
921	1142.2	1124.5	1077.2	1034.2	989.8	944.7	904.9	861.9	819.0	791.7	736.6	699.0

Table XCII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 685.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 991	R: 992	R: 993	R: 994	R: 995	R: 996	R: 997	R: 998	R: 999	R: 1000	R: 1001	R: 1002
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	809.9	831.6	872.9	918.7	961.3	1001.9	1043.3	1089.7	1133.3	1173.9	1215.1	1254.6
93	720.5	736.2	763.8	799.6	830.1	860.5	895.4	936.1	975.8	1013.5	1052.7	1090.5
94	823.3	842.0	875.4	915.2	953.8	992.3	1031.7	1076.4	1118.7	1158.3	1199.0	1238.0
95	747.4	752.8	762.4	785.1	806.5	828.6	855.0	889.6	915.8	944.7	976.4	1007.3
125	805.0	811.4	817.5	822.2	821.8	817.2	804.3	785.1	773.0	756.4	734.2	715.2
126	805.2	812.8	820.1	827.7	827.3	822.3	810.5	790.4	778.3	763.1	744.3	728.4
128	1251.7	1247.7	1227.9	1213.8	1197.0	1179.8	1165.8	1151.2	1134.0	1116.8	1095.1	1075.3
132	647.5	656.7	671.7	691.4	711.0	731.3	751.6	773.5	795.1	817.5	843.2	867.4
201	1555.5	1548.2	1515.2	1484.2	1448.2	1409.0	1370.1	1325.5	1277.2	1230.6	1177.4	1128.7
202	1620.3	1620.2	1601.7	1586.0	1564.1	1538.8	1512.7	1481.7	1445.1	1409.3	1367.8	1329.1
203	1630.2	1637.2	1634.6	1634.8	1628.3	1617.4	1604.3	1587.8	1563.8	1537.9	1507.2	1477.6
204	1571.1	1585.8	1600.8	1618.8	1628.8	1633.7	1635.8	1636.2	1629.1	1617.9	1601.7	1585.4
205	1441.7	1462.6	1493.5	1527.7	1554.9	1577.3	1596.8	1616.1	1627.1	1632.7	1634.1	1634.5
206	1299.1	1323.0	1361.9	1405.4	1441.8	1475.0	1506.6	1538.9	1565.1	1584.5	1601.8	1616.8
207	1176.5	1200.4	1241.5	1288.6	1329.9	1367.9	1405.0	1444.8	1479.5	1507.8	1534.7	1560.6
208	1094.9	1118.3	1159.2	1207.1	1249.6	1289.6	1329.6	1372.9	1411.6	1444.9	1477.5	1508.3
209	1399.9	1408.2	1411.8	1417.9	1418.0	1415.7	1412.4	1406.5	1395.6	1381.2	1362.4	1342.9
210	1479.6	1490.3	1497.9	1508.4	1512.0	1513.1	1512.7	1509.3	1500.4	1487.4	1469.9	1451.6
211	1544.1	1557.2	1569.8	1585.3	1592.9	1597.3	1599.3	1598.7	1590.6	1578.7	1561.5	1543.9
212	1550.3	1564.0	1577.8	1594.8	1604.2	1608.9	1610.9	1610.3	1601.0	1590.0	1573.9	1557.6
213	1484.2	1496.2	1506.9	1520.6	1527.0	1528.5	1527.5	1523.8	1512.6	1499.4	1482.6	1465.9
214	1392.6	1402.5	1409.8	1420.0	1423.1	1421.4	1417.8	1410.8	1397.4	1382.9	1364.5	1346.7
215	1138.8	1121.9	1075.4	1033.3	989.9	946.4	906.6	861.0	812.1	775.0	737.7	703.2
216	987.4	994.6	1002.4	1011.5	1018.0	1020.9	1023.7	1024.8	1022.0	1016.0	1006.6	996.4
217	991.1	1000.1	1009.8	1021.7	1028.4	1031.2	1033.1	1032.1	1026.7	1019.8	1010.2	1001.6
218	818.3	839.3	876.1	918.2	958.2	997.8	1037.6	1082.8	1125.4	1165.3	1206.2	1244.8
219	804.0	809.7	814.4	821.2	822.7	821.7	820.8	813.0	803.1	798.7	798.1	806.2
220	798.6	805.3	812.3	821.9	824.2	819.4	803.4	788.2	779.9	780.3	783.2	792.6
221	738.5	749.1	766.2	785.2	799.8	810.7	820.8	830.6	836.8	834.7	801.0	741.7
222	737.3	749.4	767.4	785.6	800.1	810.9	819.3	825.2	828.2	822.4	783.8	726.3
223	694.2	706.8	726.3	746.8	763.2	775.9	785.3	792.6	796.4	796.7	767.7	712.3
224	692.0	704.2	722.1	741.5	757.2	769.6	779.7	790.0	793.9	793.0	748.7	700.8
225	1058.2	1044.9	1007.3	972.8	935.4	895.7	866.5	830.9	797.8	772.5	753.4	734.7
226	1283.1	1267.1	1221.1	1178.7	1133.9	1088.4	1046.6	998.6	952.5	909.3	863.1	824.8
227	1357.7	1343.0	1298.3	1257.2	1213.3	1168.1	1125.8	1075.6	1027.5	982.3	933.1	889.5
228	1456.0	1443.7	1401.7	1362.3	1318.7	1273.5	1229.9	1179.7	1127.8	1078.1	1023.0	971.8

Table XCII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 685.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 991	R: 992	R: 993	R: 994	R: 995	R: 996	R: 997	R: 998	R: 999	R: 1000	R: 1001	R: 1002
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	930.3	951.8	991.1	1037.8	1080.9	1122.1	1164.3	1210.7	1253.5	1292.3	1331.4	1368.7
230	681.1	692.0	712.1	736.8	763.8	792.9	821.4	854.7	888.1	920.7	955.6	989.2
231	1177.1	1180.7	1177.2	1176.0	1171.3	1164.7	1158.3	1150.2	1138.5	1124.4	1106.8	1089.5
232	1325.9	1332.1	1331.9	1334.3	1331.3	1326.6	1320.9	1312.9	1300.3	1284.6	1265.0	1245.1
233	1311.7	1318.9	1321.8	1327.4	1327.1	1322.1	1316.0	1306.6	1292.0	1276.6	1258.0	1240.7
234	1168.6	1173.7	1173.4	1175.7	1173.3	1166.7	1159.5	1149.3	1135.5	1121.3	1104.1	1088.6
235	764.6	781.1	805.1	827.2	841.2	846.6	853.9	858.3	854.3	853.0	848.3	838.3
236	712.6	730.8	761.9	791.3	814.5	834.5	849.9	867.2	881.6	894.5	904.9	908.3
237	683.9	697.0	722.2	747.7	771.5	793.8	818.2	847.9	872.0	898.9	932.4	958.8
238	686.5	697.7	719.6	742.7	763.5	784.7	808.5	847.8	876.6	904.4	933.8	962.1
239	687.2	696.5	715.6	738.0	759.3	781.0	807.2	842.6	868.6	897.5	929.6	960.6
240	671.3	677.5	686.7	701.2	715.9	725.8	736.3	749.6	773.9	802.2	836.9	869.7
241	621.5	642.5	680.8	717.5	749.1	776.2	797.3	818.0	823.4	798.4	805.3	810.6
242	331.3	326.4	304.4	289.0	270.3	252.2	239.4	225.7	218.0	219.4	244.5	278.9
243	472.5	465.2	445.2	429.7	413.2	396.9	384.0	371.2	359.9	349.4	338.7	331.4
244	1098.1	1089.0	1061.3	1038.5	1014.7	991.3	971.3	946.3	911.0	858.3	794.9	756.3
245	1057.3	1045.0	1010.0	978.2	943.9	906.1	859.0	807.8	775.7	751.4	729.6	716.6
246	852.0	850.7	861.5	856.7	854.0	850.3	850.8	852.0	848.6	842.8	823.4	812.4
247	797.4	808.0	822.1	833.9	839.9	839.0	829.8	825.4	823.9	823.9	799.9	784.9
248	798.0	804.3	810.4	816.1	818.8	820.4	818.2	799.5	750.0	733.5	724.0	713.3
249	799.5	807.1	817.1	826.2	830.6	829.8	825.5	807.9	761.6	744.3	728.0	712.8
250	567.2	586.5	624.2	661.8	695.8	724.8	749.6	772.6	788.7	798.2	801.7	801.6
251	492.3	500.6	514.5	530.0	543.3	556.6	569.4	583.0	596.4	607.6	617.0	623.1
252	98.8	92.2	95.1	104.9	100.6	114.2	118.4	127.2	121.7	132.1	132.0	139.6

Table XCIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1003	R: 1004	R: 1005	R: 1006	R: 1007	R: 1008	R: 1009	R: 1010	R: 1011	R: 1012	R: 1013
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	582.7	609.2	634.8	662.8	692.4	718.1	749.5	779.8	809.0	838.8	869.5
3	694.5	704.4	707.7	712.0	715.2	714.4	713.9	711.4	707.1	700.6	692.0
4	694.1	706.2	711.9	717.9	722.3	721.3	720.4	717.5	713.7	707.9	701.4
5	711.5	716.1	714.4	714.2	714.6	709.7	705.7	700.6	694.2	686.1	676.5
6	708.3	714.5	714.5	716.3	717.4	712.3	704.5	698.0	691.1	682.9	674.9
7	721.9	722.5	717.0	713.2	709.0	702.0	695.0	687.0	678.0	667.6	656.1
8	724.3	726.9	723.1	720.5	716.7	708.9	701.3	693.0	684.5	675.0	665.6
9	806.9	780.8	748.6	719.7	691.4	663.0	632.7	600.4	575.1	547.8	519.4
10	537.6	561.7	583.8	610.7	636.8	660.0	688.9	717.0	744.7	773.1	802.8
11	652.8	660.9	661.6	662.2	663.0	661.2	659.8	656.4	650.8	643.5	635.1
12	654.2	659.7	662.1	667.3	669.4	666.9	664.5	660.3	654.6	647.4	640.1
13	657.4	662.5	662.8	665.0	665.9	662.5	659.8	656.4	651.1	644.9	637.8
14	657.3	663.8	666.2	670.1	670.7	664.9	660.3	655.6	649.7	642.8	636.1
15	667.7	670.4	667.0	665.3	663.6	659.3	654.9	648.4	640.3	632.6	624.1
16	659.2	663.5	662.1	661.3	659.9	655.1	650.1	642.9	635.0	627.0	618.3
17	804.0	782.7	755.8	733.1	713.0	694.0	676.7	661.2	645.1	614.3	586.6
19	609.6	623.3	618.9	615.1	614.2	610.4	611.6	610.1	611.5	606.7	593.0
20	594.7	617.3	621.8	623.2	623.6	618.0	616.3	619.2	617.2	608.0	598.5
21	605.3	611.0	611.8	610.3	606.5	603.4	600.6	593.6	590.2	586.7	584.8
22	610.5	617.0	619.4	618.7	614.3	601.7	591.3	581.8	577.3	571.9	573.0
23	570.1	575.5	574.3	571.8	571.3	565.0	549.7	548.6	541.7	533.1	531.3
24	538.0	545.5	545.4	551.3	555.1	550.3	531.1	531.1	527.9	521.7	515.8
25	568.6	582.4	590.9	597.5	604.2	606.1	608.2	602.6	566.2	533.5	524.8
26	568.1	581.2	588.2	595.0	601.2	603.0	605.4	596.8	554.0	527.6	519.9
43	644.8	658.2	665.4	672.7	679.0	681.0	683.6	683.8	681.6	677.4	671.1
44	637.1	651.4	659.4	667.6	674.2	675.8	677.4	676.4	674.0	669.7	664.5
67	548.8	562.3	570.7	579.2	586.4	588.4	588.7	559.0	531.4	524.4	516.5
68	550.7	565.2	573.8	580.7	586.0	587.8	587.6	555.3	532.8	527.3	519.5
85	727.8	733.4	732.5	733.3	733.0	729.1	725.6	720.6	714.1	705.3	695.1
86	699.8	721.3	736.7	752.8	767.6	776.3	786.4	794.0	799.9	804.2	808.4
87	626.2	652.0	673.8	696.4	719.1	737.1	758.8	778.6	796.6	813.6	830.3
88	559.2	582.2	600.9	616.7	634.3	650.5	674.0	694.1	715.1	737.4	761.6
89	500.4	516.3	529.0	544.8	560.7	574.1	592.5	613.8	635.7	656.6	679.0
90	510.1	524.6	536.4	550.7	564.3	576.1	594.4	615.1	636.1	656.5	678.3
91	509.8	522.2	532.6	546.4	560.1	572.4	589.9	612.0	634.4	656.0	679.4
921	819.7	791.1	756.5	725.0	693.9	663.5	631.5	601.6	581.1	546.7	515.0

Table XCIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1003	R: 1004	R: 1005	R: 1006	R: 1007	R: 1008	R: 1009	R: 1010	R: 1011	R: 1012	R: 1013
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	606.6	640.2	668.5	699.7	730.8	758.4	791.8	822.6	852.4	882.1	912.9
93	534.0	557.0	579.1	603.3	627.5	650.6	679.6	707.3	734.9	763.0	792.4
94	610.8	639.5	665.5	694.3	724.1	750.2	782.1	812.1	841.2	870.4	900.7
95	546.6	568.6	585.7	601.5	618.9	635.3	658.8	679.0	700.2	722.7	747.0
125	589.3	597.6	598.6	599.8	597.3	586.1	572.4	563.3	551.1	536.5	521.3
126	590.3	599.5	602.0	603.5	603.0	591.6	577.4	568.3	557.8	545.6	532.2
128	904.6	896.3	882.1	871.5	860.6	847.2	835.6	824.1	811.8	797.1	781.5
132	477.1	491.8	503.6	517.8	533.2	546.0	562.2	577.8	593.9	611.9	631.1
201	1123.4	1106.9	1080.0	1055.8	1028.7	997.0	963.3	930.2	897.3	861.2	823.0
202	1175.9	1170.3	1153.6	1139.7	1123.0	1099.4	1075.3	1050.5	1025.3	996.7	966.9
203	1186.9	1193.6	1188.1	1185.0	1179.2	1165.4	1151.9	1135.8	1118.4	1097.5	1074.7
204	1150.2	1169.6	1176.2	1185.2	1191.1	1188.3	1187.5	1182.8	1175.6	1165.2	1152.3
205	1061.0	1091.6	1110.7	1131.7	1150.4	1160.6	1173.6	1181.4	1186.2	1188.3	1188.5
206	959.3	995.1	1021.1	1049.4	1076.0	1094.7	1118.0	1136.0	1150.8	1163.8	1175.5
207	872.7	909.3	937.4	968.4	998.4	1022.0	1050.6	1074.5	1095.3	1115.5	1134.8
208	812.6	849.0	878.2	910.0	941.3	967.0	998.1	1025.1	1049.8	1073.3	1097.1
209	1021.9	1031.7	1031.0	1032.8	1032.8	1026.8	1021.5	1013.8	1004.2	991.4	976.5
210	1081.1	1094.6	1096.5	1101.2	1103.8	1099.6	1096.4	1090.1	1081.6	1069.9	1055.8
211	1129.6	1147.0	1152.2	1159.6	1164.7	1161.9	1160.5	1155.0	1147.6	1136.1	1122.6
212	1134.6	1153.0	1159.0	1167.7	1173.1	1170.0	1168.4	1162.9	1155.3	1145.0	1132.5
213	1085.1	1100.7	1104.9	1111.2	1114.3	1109.4	1105.3	1098.4	1089.4	1078.3	1065.1
214	1017.5	1030.2	1032.1	1035.7	1036.6	1030.0	1023.3	1014.9	1004.7	992.5	978.7
215	815.0	787.1	753.3	722.5	691.7	660.7	627.2	592.8	566.6	540.6	511.7
216	722.7	733.2	736.8	741.6	745.4	744.8	744.9	743.1	739.4	733.3	725.5
217	726.1	737.9	742.9	748.8	752.7	751.0	749.5	746.2	741.7	735.3	728.5
218	609.7	640.4	667.8	697.3	728.0	754.2	786.2	816.6	845.8	875.2	905.5
219	587.5	595.3	598.1	600.0	599.8	597.6	591.8	584.3	581.5	581.3	585.4
220	584.4	593.4	598.8	601.3	597.4	584.2	573.6	566.7	567.5	569.6	575.7
221	543.1	559.5	571.0	582.2	591.7	597.0	602.9	607.1	606.2	588.3	542.7
222	543.3	560.1	571.1	581.6	590.9	595.0	599.3	602.1	598.6	577.0	531.9
223	513.5	530.5	542.8	555.0	565.6	570.8	575.6	578.8	579.1	564.1	521.3
224	510.8	527.2	539.1	550.9	560.8	566.2	573.1	577.3	577.4	553.2	512.6
225	758.2	736.2	707.9	681.9	654.6	630.7	604.2	581.5	565.1	555.5	540.2
226	919.7	892.1	858.2	827.1	795.4	762.4	728.0	696.6	666.6	635.8	605.3
227	974.9	948.6	915.5	885.3	853.7	820.2	785.2	753.0	721.9	689.3	656.3
228	1048.2	1023.9	991.7	962.1	930.1	894.7	856.7	821.5	786.2	748.2	709.1

Table XCIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1003	R: 1004	R: 1005	R: 1006	R: 1007	R: 1008	R: 1009	R: 1010	R: 1011	R: 1012	R: 1013
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	691.4	725.6	755.0	786.9	819.0	846.5	879.8	910.1	938.7	966.8	995.7
230	503.1	520.4	539.0	558.7	580.6	599.5	622.5	646.3	669.9	694.5	721.3
231	856.8	860.0	855.3	853.0	849.7	842.4	835.6	827.6	818.1	806.3	792.8
232	966.5	973.2	969.9	969.6	967.6	960.3	953.5	944.7	934.2	921.0	905.6
233	958.0	966.7	965.9	966.8	965.1	956.8	948.7	939.2	928.7	916.2	902.5
234	852.5	858.1	855.9	854.9	851.8	843.4	835.0	825.7	816.0	804.7	792.3
235	566.9	589.1	603.6	612.7	617.8	620.3	621.7	621.3	620.0	616.8	608.9
236	531.0	557.6	576.5	596.3	610.1	620.3	629.7	640.7	650.0	657.2	662.9
237	505.9	526.4	545.1	563.0	580.4	595.3	614.8	632.8	654.3	676.3	697.3
238	507.4	526.8	542.6	557.2	572.7	587.1	614.6	635.6	656.1	677.7	701.1
239	508.3	525.1	539.2	555.3	573.1	589.1	612.2	632.5	653.6	676.1	700.8
240	491.6	501.6	510.1	520.2	529.3	533.8	542.7	559.3	579.3	603.4	631.1
241	467.1	498.1	522.1	544.8	565.2	579.6	592.9	600.0	581.8	585.5	589.6
242	235.9	224.0	209.2	196.6	185.2	176.0	167.6	160.9	160.0	170.8	196.5
243	336.3	324.8	311.4	299.9	289.3	279.6	270.6	262.1	254.7	247.6	240.9
244	790.3	775.7	756.1	739.9	724.5	707.5	689.4	666.0	628.5	584.8	551.0
245	758.5	738.3	712.6	688.7	662.7	627.9	589.1	566.1	551.2	535.4	523.9
246	628.5	631.1	629.5	629.7	622.3	619.2	620.7	622.9	623.5	600.4	591.6
247	586.6	601.1	608.2	612.3	612.4	604.5	600.4	599.3	598.3	585.5	570.8
248	583.8	592.5	594.1	596.4	599.5	596.3	582.5	546.9	534.4	527.4	519.3
249	585.9	597.7	601.6	605.0	606.0	600.8	587.6	555.4	541.6	531.1	518.8
250	426.8	456.8	482.1	506.9	529.0	545.1	561.5	572.6	579.7	583.0	582.9
251	362.7	375.6	385.6	395.7	406.3	414.1	423.8	433.4	441.7	448.4	452.8
252	64.3	72.2	73.4	77.0	80.5	89.1	83.3	94.3	93.3	91.9	100.9

Table XCIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1016	R: 1017	R: 1018	R: 1019	R: 1020	R: 1021	R: 1022	R: 1023	R: 1024	R: 1025	R: 1026
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	582.9	602.5	628.7	659.6	689.2	720.8	750.9	782.3	811.9	839.6	867.8
3	666.9	672.4	678.0	682.0	683.6	684.6	682.8	681.3	675.5	668.5	658.5
4	725.2	732.0	738.9	744.3	749.2	752.5	755.8	751.2	746.5	740.4	734.6
5	681.6	683.3	684.6	684.3	683.6	679.9	675.4	671.8	664.5	656.5	646.2
6	741.2	742.3	743.0	742.7	744.6	742.9	738.9	729.9	722.0	713.3	705.7
7	691.7	690.6	688.4	684.1	678.7	672.8	665.9	659.5	649.9	640.1	628.6
8	757.7	755.2	752.1	747.2	743.5	738.7	734.6	722.8	712.8	702.7	693.7
9	809.0	782.1	752.5	719.3	690.5	660.7	631.3	598.4	570.1	547.2	520.5
10	537.6	556.3	578.7	607.9	634.3	662.8	690.1	719.1	747.0	773.8	801.0
11	627.2	631.5	634.5	634.7	634.5	635.0	632.7	629.7	622.0	614.0	603.4
12	683.6	684.4	687.8	691.1	694.1	694.4	695.6	689.3	682.9	675.3	668.4
13	630.5	631.9	634.3	637.8	638.3	636.2	632.1	629.9	623.6	617.0	607.5
14	687.8	689.5	691.4	694.9	695.5	692.9	691.0	684.1	677.3	669.9	663.3
15	639.2	639.9	639.7	637.9	635.6	634.0	630.4	625.0	616.1	609.2	599.9
16	691.4	690.6	689.5	686.8	685.2	682.3	680.2	670.5	661.4	652.5	644.0
17	805.3	782.5	758.1	732.2	712.0	693.8	678.1	662.8	644.6	615.9	587.0
19	590.5	599.0	595.6	590.3	589.2	590.3	590.6	590.7	591.4	582.6	571.0
20	620.9	637.1	642.7	644.1	644.6	642.5	642.4	642.9	639.9	633.5	620.7
21	583.6	585.4	588.1	590.4	589.6	586.1	579.3	574.5	570.3	566.3	564.9
22	631.9	634.1	636.8	635.1	633.0	626.4	621.7	607.6	599.8	592.0	587.4
23	550.4	554.0	556.2	555.3	552.4	548.6	533.9	531.4	525.0	515.6	508.7
24	558.5	561.0	562.0	565.9	570.2	568.3	553.6	550.5	544.2	539.4	539.1
25	551.6	562.5	573.0	581.8	587.0	590.5	593.6	586.1	547.1	517.4	508.7
26	584.5	593.9	602.9	609.6	614.3	616.6	620.8	615.2	573.2	545.7	537.2
43	620.7	628.9	637.4	644.8	649.7	654.1	654.7	655.0	651.0	645.9	637.8
44	664.6	674.2	683.9	692.4	699.9	705.6	711.4	709.7	707.2	702.9	699.0
67	535.4	545.1	555.7	565.8	569.7	569.7	569.1	534.8	512.6	506.3	498.0
68	564.8	576.3	587.5	595.7	600.1	602.3	606.4	584.0	552.5	546.5	539.7
85	696.0	699.3	701.4	701.6	700.0	697.7	694.3	690.7	683.2	674.4	663.4
86	725.6	741.8	759.0	775.7	790.9	805.4	819.3	826.5	832.4	836.3	840.4
87	613.5	631.0	652.7	676.4	697.4	720.2	739.1	759.2	775.8	790.4	803.8
88	567.2	585.4	597.6	615.7	634.1	653.6	676.2	697.4	718.5	739.5	761.8
89	503.1	513.8	527.4	542.7	557.8	572.7	587.9	609.1	631.4	651.5	671.2
90	503.0	515.4	530.4	548.3	566.4	586.0	599.8	619.0	640.9	661.4	682.7
91	507.7	516.3	528.9	544.0	559.9	576.0	591.6	612.6	635.3	656.1	677.5
921	817.9	790.1	758.8	722.9	691.5	658.7	626.8	594.9	573.9	537.6	512.4

Table XCIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1016	R: 1017	R: 1018	R: 1019	R: 1020	R: 1021	R: 1022	R: 1023	R: 1024	R: 1025	R: 1026
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	609.0	635.6	665.1	697.2	727.8	761.2	793.0	824.7	854.8	883.0	911.2
93	533.2	551.8	574.7	601.4	625.5	653.5	680.6	708.9	736.6	763.5	790.6
94	611.5	634.5	662.0	693.0	722.6	754.6	785.5	816.8	846.3	873.9	901.9
95	553.1	569.9	582.0	600.2	618.8	638.5	661.1	682.4	703.7	724.8	747.2
125	566.9	571.9	576.4	577.5	576.5	566.3	555.9	546.7	535.7	524.2	509.7
126	617.8	620.7	622.6	622.3	618.4	608.1	596.4	585.5	572.1	559.7	548.7
128	904.7	893.7	882.5	869.5	858.5	847.9	837.9	826.0	811.9	796.3	779.4
132	477.0	487.2	499.7	514.3	529.5	546.7	563.3	578.8	594.8	611.4	628.2
201	1122.5	1103.9	1082.1	1053.7	1026.6	995.2	962.9	928.7	894.3	859.5	822.6
202	1174.3	1165.6	1154.0	1137.1	1119.5	1098.4	1075.9	1050.4	1023.8	995.9	966.0
203	1185.6	1187.5	1187.1	1182.3	1175.1	1164.9	1152.9	1136.1	1117.2	1096.8	1073.5
204	1148.8	1162.1	1173.5	1181.7	1186.1	1188.5	1188.8	1183.6	1175.2	1164.5	1150.7
205	1060.4	1083.4	1106.4	1127.6	1145.0	1161.5	1175.0	1182.9	1186.7	1188.1	1186.7
206	958.6	987.0	1016.1	1045.3	1070.6	1096.4	1119.5	1137.8	1152.0	1163.8	1173.2
207	872.9	902.2	932.9	965.0	993.4	1024.1	1051.9	1076.4	1096.9	1115.3	1132.6
208	813.3	841.9	873.2	906.3	936.8	969.4	999.6	1027.3	1051.6	1073.7	1095.1
209	991.7	998.4	1002.5	1003.3	1001.6	997.9	993.6	987.3	976.6	963.6	947.5
210	1056.6	1066.0	1072.9	1076.8	1077.7	1076.5	1074.3	1069.1	1059.6	1047.5	1032.4
211	1115.7	1127.8	1137.8	1144.6	1148.1	1149.5	1149.1	1144.0	1135.3	1123.7	1109.0
212	1145.7	1157.5	1167.9	1175.3	1179.3	1181.8	1181.6	1175.1	1166.3	1155.5	1142.1
213	1107.3	1116.3	1124.0	1128.5	1131.2	1131.9	1129.9	1120.9	1110.7	1098.9	1085.5
214	1048.3	1054.0	1058.9	1060.6	1061.1	1059.9	1056.0	1044.7	1033.2	1020.2	1006.3
215	813.7	785.9	755.0	719.7	688.8	656.2	624.5	592.2	570.5	540.9	513.0
216	693.1	699.9	706.1	710.5	712.6	714.1	713.5	712.8	707.8	701.2	691.9
217	758.0	764.9	771.3	776.0	780.5	783.3	785.6	780.4	775.1	768.5	762.0
218	609.4	632.1	660.1	691.8	722.2	754.5	784.8	816.2	845.5	872.9	900.3
219	566.3	571.8	579.2	583.9	581.4	577.2	568.3	563.6	563.5	563.7	563.7
220	604.9	609.0	614.9	617.3	617.5	612.0	607.0	593.3	586.5	585.4	587.2
221	532.3	544.1	557.6	568.9	578.3	587.5	595.1	598.4	592.5	568.3	527.4
222	558.2	569.0	581.3	593.4	602.2	607.5	611.1	614.3	612.8	593.7	549.6
223	505.6	518.0	532.6	545.4	554.4	563.5	568.3	572.3	568.9	540.6	504.2
224	523.7	535.4	548.5	562.2	574.0	579.5	583.9	587.8	591.4	575.6	533.0
225	759.3	736.9	711.4	681.3	653.1	627.2	602.8	578.6	562.1	548.4	535.1
226	921.7	893.3	862.4	827.2	796.3	762.7	729.5	696.8	665.7	636.3	607.1
227	976.3	949.2	919.6	884.8	853.8	819.8	786.0	752.4	720.0	688.6	656.8
228	1048.3	1023.1	994.9	961.0	929.7	894.1	858.2	821.6	785.2	748.3	710.2

Table XCIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1016	R: 1017	R: 1018	R: 1019	R: 1020	R: 1021	R: 1022	R: 1023	R: 1024	R: 1025	R: 1026
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	692.5	719.3	749.9	783.4	814.9	849.0	881.0	912.2	940.7	967.4	993.6
230	507.6	519.6	535.5	556.0	578.0	602.2	624.2	648.8	672.4	695.3	719.8
231	821.8	823.0	822.6	819.5	814.9	808.8	802.5	796.4	786.2	774.9	760.7
232	934.5	938.7	940.2	938.7	935.1	929.6	923.7	916.5	905.2	891.7	875.3
233	991.4	993.8	995.3	993.9	992.5	989.3	984.1	971.4	959.4	946.2	932.7
234	889.5	889.1	888.0	884.6	882.1	877.9	872.8	859.8	848.4	836.3	824.4
235	553.5	569.5	583.3	592.1	595.0	592.6	598.1	600.7	599.0	595.1	571.6
236	528.8	547.6	568.1	580.6	589.3	601.9	616.2	625.5	631.6	636.3	633.6
237	513.1	523.2	538.2	554.3	571.5	590.7	609.0	632.9	650.3	667.3	684.1
238	510.6	520.4	534.2	549.4	569.6	592.9	614.1	634.1	653.7	672.9	693.2
239	510.2	520.6	535.5	553.2	571.2	591.2	613.5	634.3	655.2	675.8	698.0
240	494.0	498.4	505.9	515.8	525.2	534.0	543.1	560.4	581.2	604.3	629.7
241	482.4	503.1	525.0	545.5	563.7	578.1	585.8	574.7	562.7	564.6	564.0
242	236.5	229.3	216.7	201.5	188.9	180.9	184.3	182.0	183.4	185.3	190.5
243	335.7	325.6	313.2	299.0	287.5	277.4	267.9	259.8	252.2	245.3	238.3
244	791.2	774.5	757.2	737.7	721.3	705.1	689.5	664.4	624.4	583.1	551.7
245	759.8	738.4	715.1	687.4	660.5	623.1	586.5	564.6	546.5	533.3	520.2
246	598.2	599.7	599.8	600.2	589.2	588.4	593.9	600.5	607.9	572.2	562.4
247	572.7	581.9	589.0	589.5	584.5	584.5	581.2	575.7	564.6	557.7	551.8
248	563.4	570.3	575.6	577.9	579.5	581.3	567.1	535.2	521.7	511.9	505.4
249	613.8	617.8	621.9	623.3	623.5	618.3	608.6	567.5	555.1	545.0	533.6
250	392.0	417.3	447.6	478.1	501.5	525.5	543.7	559.5	567.7	572.3	573.2
251	349.1	358.0	369.3	381.9	391.6	403.8	414.5	424.7	432.4	438.7	442.6
252	67.9	76.3	78.7	73.9	86.8	81.9	84.9	96.7	95.8	92.7	109.1

Table XCV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: $\alpha = 10.0°$, $M_\infty = 1.20$, $q_\infty = 500.0$
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1014 Pi	Nominal β 2.0° R: 1015 Pi
2	752.1	751.4
3	714.0	685.8
4	723.0	752.5
5	705.4	678.3
6	706.6	735.7
7	694.5	668.5
8	703.3	730.8
9	631.9	629.8
10	691.1	690.5
11	659.8	635.1
12	666.7	692.2
13	658.3	636.1
14	662.3	688.0
15	655.0	632.3
16	652.0	676.9
17	677.8	677.5
19	612.0	591.7
20	617.8	640.3
21	600.5	581.5
22	592.9	618.6
23	549.6	534.3
24	531.5	550.6
25	609.2	594.7
26	606.7	619.6
43	683.9	657.6
44	679.8	708.3
67	589.3	569.7
68	589.1	604.7
85	725.9	696.7
86	789.0	816.6
87	760.3	741.3
88	676.4	676.7
89	594.3	588.6
90	595.9	598.6
91	592.3	591.8
921	628.5	624.2

Table XCV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1014 Pi	Nominal β 2.0° R: 1015 Pi
922	793.0	792.7
93	680.9	680.4
94	784.0	785.5
95	661.4	661.7
125	571.0	556.7
126	577.2	592.9
128	837.2	838.1
132	564.1	563.4
201	964.8	962.3
202	1077.8	1075.8
203	1154.1	1152.5
204	1189.5	1188.7
205	1175.6	1174.8
206	1119.7	1119.3
207	1052.0	1051.6
208	999.6	999.2
209	1022.8	995.3
210	1097.9	1075.6
211	1162.3	1149.7
212	1170.6	1180.7
213	1108.0	1127.9
214	1026.2	1053.3
215	625.6	623.3
216	745.3	716.1
217	751.8	782.9
218	788.5	785.4
219	591.8	570.3
220	575.1	602.7
221	604.1	595.8
222	601.4	609.5
223	576.7	569.0
224	574.8	582.7
225	603.1	601.6
226	728.8	728.4
227	786.4	785.0
228	859.0	857.8

Table XCV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.20, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1014 Pi	Nominal β 2.0° R: 1015 Pi
229	881.4	880.8
230	625.3	625.0
231	836.1	805.1
232	954.4	925.6
233	951.3	981.1
234	837.4	869.0
235	622.0	599.1
236	630.4	617.0
237	617.3	610.4
238	618.3	615.4
239	615.3	614.5
240	544.9	543.2
241	594.1	586.5
242	166.1	173.0
243	268.1	267.3
244	690.2	688.9
245	587.4	584.7
246	621.3	597.3
247	600.6	583.7
248	583.4	567.8
249	589.2	606.3
250	562.4	545.6
251	424.7	415.3
252	84.9	84.6

Table XCVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 650.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 458	R: 459	R: 460	R: 461	R: 462	R: 463	R: 464	R: 465	R: 466	R: 467	R: 468
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	688.1	720.1	750.6	784.0	823.9	861.8	899.9	937.0	977.6	1017.0	1056.5
3	826.2	835.9	842.6	846.9	849.8	850.4	849.2	847.1	841.0	834.7	826.1
4	828.6	841.8	848.1	848.3	853.5	854.8	854.6	852.3	848.7	845.2	840.6
5	847.9	851.2	853.4	858.1	858.3	851.9	840.2	834.5	825.3	817.4	807.4
6	836.8	840.5	845.3	848.1	847.2	842.5	836.8	830.4	818.9	812.0	804.5
7	856.7	854.9	850.1	843.7	834.8	829.3	820.9	811.6	799.6	789.4	777.0
8	856.9	855.9	854.6	853.1	848.2	837.5	829.4	820.8	811.4	803.9	796.9
9	957.5	921.3	882.6	844.1	801.7	758.1	726.0	692.5	656.3	625.9	593.5
10	611.9	638.9	674.4	707.6	741.4	778.5	813.5	848.2	886.9	925.5	964.6
11	882.4	877.5	869.5	854.7	840.0	829.9	822.6	815.9	805.8	800.8	788.0
12	867.5	863.6	858.5	850.5	833.5	818.8	808.3	802.2	796.3	789.3	775.4
13	850.6	842.1	845.1	837.7	830.1	818.5	805.0	796.3	785.6	778.5	769.7
14	819.6	825.0	833.6	828.9	819.9	807.8	797.1	783.0	774.1	767.2	759.5
15	808.0	807.4	804.5	796.6	789.3	779.3	768.2	758.2	745.6	735.1	720.8
16	796.8	797.7	798.0	794.5	788.5	778.7	766.5	754.8	741.2	729.5	717.0
17	957.2	930.6	904.3	880.5	856.6	834.4	799.2	759.3	716.8	682.2	655.0
19	703.8	702.5	703.4	705.6	707.8	705.0	706.8	703.7	696.8	690.2	679.5
20	717.9	722.8	725.0	723.3	726.1	723.8	721.6	713.5	708.7	705.9	699.9
21	693.9	698.1	697.3	696.5	692.5	691.0	690.6	690.7	683.0	674.0	668.8
22	679.8	676.1	678.2	676.0	670.9	667.1	666.2	665.7	662.2	658.3	657.5
23	631.0	620.1	607.6	607.9	605.4	602.9	596.3	592.8	593.1	598.1	596.8
24	650.7	642.7	625.5	627.7	635.6	640.1	632.6	628.0	617.2	615.1	613.8
25	653.7	660.3	666.8	664.9	638.2	610.9	605.6	602.3	591.4	582.2	575.9
26	658.0	665.3	671.7	665.9	648.5	617.0	608.2	607.4	602.5	595.6	590.1
43	826.8	831.7	836.1	836.3	841.1	838.7	836.1	833.7	831.5	830.4	828.1
44	758.0	760.2	773.2	785.7	785.9	782.2	782.1	781.7	782.8	785.1	786.5
67	620.1	631.5	635.7	612.8	591.7	592.3	594.0	595.1	586.4	579.3	571.3
68	627.9	631.9	639.6	636.8	610.2	605.8	605.8	605.3	604.8	602.0	599.0
85	864.1	868.0	867.1	869.2	869.9	866.6	862.7	857.0	849.4	840.0	829.1
86	829.0	851.3	874.4	894.6	914.3	929.2	942.0	952.8	962.5	971.5	979.6
87	735.5	768.7	797.4	825.9	855.4	882.9	908.4	933.5	958.7	982.4	1004.4
88	635.0	643.3	665.7	687.9	714.3	733.2	763.0	795.5	825.1	853.1	884.3
89	551.7	571.2	598.6	621.3	643.4	665.4	686.9	709.8	735.6	764.1	795.3
90	554.1	570.1	590.5	616.0	638.9	663.7	685.4	707.5	737.0	765.2	793.8
91	560.3	576.5	598.5	621.7	644.1	666.9	687.6	708.0	736.8	766.2	798.0
921	968.4	928.6	886.0	844.1	799.8	759.3	729.7	693.6	650.3	617.6	587.0

Table XCVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 650.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 458	R: 459	R: 460	R: 461	R: 462	R: 463	R: 464	R: 465	R: 466	R: 467	R: 468
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	712.6	741.6	784.3	827.1	871.0	911.3	951.6	989.9	1032.4	1072.9	1112.9
93	607.9	635.4	670.1	701.6	734.7	765.6	798.9	833.3	872.3	911.3	950.5
94	703.2	750.1	787.1	823.4	863.1	900.7	938.9	976.1	1017.5	1057.1	1096.4
95	619.5	627.5	650.4	672.7	699.3	718.2	748.1	780.6	810.1	838.4	869.8
125	660.3	658.2	652.9	654.1	650.1	644.3	636.9	626.8	613.9	604.5	594.0
126	665.5	660.3	656.7	657.8	652.8	647.2	641.7	633.2	622.6	612.7	602.7
128	1113.3	1095.2	1075.6	1055.5	1032.2	1007.9	980.3	952.5	921.6	894.0	869.6
132	555.4	566.7	587.6	602.6	622.8	637.5	645.1	650.9	666.6	687.0	717.3
201	1404.9	1378.0	1346.7	1311.9	1272.2	1233.8	1194.2	1150.9	1103.3	1057.7	1012.3
202	1479.5	1466.5	1450.2	1428.5	1401.6	1374.8	1347.8	1315.4	1277.7	1240.2	1205.2
203	1499.9	1501.0	1500.9	1493.5	1480.1	1465.6	1451.9	1431.7	1402.9	1374.7	1348.9
204	1452.0	1469.2	1485.8	1494.6	1497.7	1496.9	1498.2	1493.9	1479.9	1465.4	1452.3
205	1331.4	1362.9	1394.9	1421.2	1442.7	1459.4	1476.1	1489.0	1492.6	1495.0	1497.0
206	1194.6	1234.0	1273.3	1309.4	1343.2	1371.6	1399.7	1425.6	1444.5	1461.8	1476.3
207	1072.1	1113.7	1156.0	1196.6	1236.1	1270.4	1304.7	1336.9	1366.0	1392.9	1416.9
208	988.4	1029.2	1071.2	1112.7	1154.3	1191.4	1228.3	1263.4	1298.0	1329.5	1358.1
209	1272.3	1280.6	1284.6	1285.7	1283.7	1279.4	1271.8	1263.7	1247.5	1231.4	1214.2
210	1357.1	1369.8	1379.1	1383.1	1383.2	1381.3	1377.3	1370.8	1355.4	1340.4	1324.4
211	1425.7	1441.9	1455.2	1462.4	1464.6	1464.6	1463.9	1458.5	1444.2	1429.2	1414.7
212	1430.1	1444.9	1461.2	1468.6	1471.7	1470.6	1470.4	1466.1	1451.8	1437.9	1425.5
213	1363.0	1374.2	1386.6	1391.8	1392.8	1389.7	1386.5	1379.5	1364.7	1350.6	1338.0
214	1267.7	1275.4	1283.9	1286.2	1285.5	1279.9	1273.6	1264.5	1249.3	1235.0	1220.9
215	966.3	927.7	886.3	844.8	799.6	754.7	718.0	690.4	651.7	617.7	587.5
216	861.9	872.3	879.3	886.0	890.0	891.6	891.3	890.0	885.0	879.2	871.2
217	863.0	873.0	882.8	889.5	894.6	895.4	894.6	891.8	887.3	882.5	877.0
218	712.0	745.9	788.7	827.5	868.8	907.1	945.7	983.5	1025.2	1064.7	1103.6
219	674.8	681.7	684.4	682.6	677.8	677.4	679.2	678.7	677.8	673.9	666.4
220	645.6	646.5	653.1	654.4	649.4	647.7	655.1	661.8	665.1	662.8	656.4
221	629.9	645.7	658.2	667.8	669.6	658.0	617.7	596.7	591.7	587.2	582.7
222	638.5	656.8	667.9	679.2	685.9	681.6	642.9	607.7	595.9	590.2	587.3
223	598.9	618.7	639.1	652.1	656.2	642.8	602.7	584.4	576.1	570.3	565.0
224	604.2	623.6	640.9	656.8	667.8	661.6	623.6	593.2	582.3	574.0	565.9
225	870.5	835.3	804.9	773.0	738.9	709.1	681.6	660.1	638.6	618.9	594.7
226	1117.7	1078.7	1036.6	995.9	952.4	912.0	870.8	831.1	789.2	752.6	716.0
227	1195.2	1157.5	1116.4	1075.8	1032.4	991.3	949.0	906.2	860.6	819.1	777.3
228	1297.3	1261.9	1222.1	1181.3	1136.3	1093.2	1048.2	1002.8	952.6	904.4	855.1

Table XCVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 650.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 458	R: 459	R: 460	R: 461	R: 462	R: 463	R: 464	R: 465	R: 466	R: 467	R: 468
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	826.5	865.6	907.0	948.8	992.2	1031.9	1071.7	1110.1	1151.3	1189.0	1225.7
230	528.9	551.8	579.0	607.0	646.9	685.5	713.7	741.4	774.7	811.4	848.5
231	1043.0	1044.1	1041.7	1037.8	1032.6	1025.2	1016.1	1007.2	993.3	979.7	964.2
232	1196.1	1201.0	1201.4	1199.5	1195.1	1188.5	1179.0	1169.3	1152.6	1136.0	1118.3
233	1179.0	1183.0	1187.0	1186.4	1182.9	1175.6	1167.1	1156.5	1141.5	1127.5	1113.4
234	1031.4	1032.9	1034.0	1031.8	1027.7	1019.8	1010.9	1000.5	987.8	976.2	963.8
235	651.5	681.0	693.1	703.4	711.0	723.3	732.1	732.5	721.3	713.7	703.8
236	604.4	633.8	657.0	682.2	702.3	725.2	744.2	753.7	760.8	770.2	777.8
237	558.6	579.3	604.5	628.2	665.8	690.1	716.5	740.5	762.8	794.6	821.9
238	546.7	568.7	597.4	622.2	654.0	675.0	707.7	742.5	769.3	796.6	825.7
239	550.0	573.3	599.7	622.5	649.6	669.1	698.2	731.5	761.2	789.9	821.4
240	506.9	517.8	525.6	543.9	564.2	574.3	600.4	626.8	652.1	683.5	718.2
241	523.1	558.5	580.9	591.6	593.7	605.3	619.5	633.1	642.8	656.0	670.1
242	272.7	256.7	239.9	225.8	211.8	201.2	191.9	181.7	173.9	171.5	177.3
243	405.8	390.1	374.4	360.2	345.5	333.0	321.8	311.1	301.1	293.6	286.3
244	935.9	903.7	864.5	810.3	738.3	692.7	660.1	635.5	611.4	600.2	586.9
245	868.8	823.4	779.0	749.4	721.4	694.2	672.4	649.8	624.8	603.7	587.3
246	678.1	696.0	694.9	706.2	708.8	712.2	704.2	692.7	688.9	685.5	683.0
247	670.1	683.0	687.7	689.7	697.1	703.5	705.2	696.7	685.9	676.4	662.0
248	654.1	645.8	634.0	610.9	605.0	601.2	594.6	590.5	583.8	578.7	567.2
249	683.7	688.9	689.4	662.3	643.1	640.9	634.1	632.6	626.2	617.2	592.0
250	486.5	521.6	557.7	593.2	622.6	644.3	660.8	672.2	676.2	672.9	662.8
251	422.2	437.9	452.0	466.4	481.8	492.0	502.5	512.8	517.7	514.5	501.9
252	86.4	89.8	94.3	99.2	105.2	107.3	109.2	119.4	111.9	120.3	127.1

Table XCVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 417	R: 418	R: 419	R: 420	R: 421	R: 422	R: 423
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	521.2	547.2	569.7	594.9	622.4	651.7	681.4
3	622.9	630.9	636.8	640.0	641.4	641.0	639.2
4	631.2	638.9	644.8	648.6	651.4	653.5	654.5
5	639.0	641.6	642.9	642.1	640.4	635.4	630.8
6	643.8	645.3	646.2	646.6	645.8	643.7	639.9
7	649.3	647.9	645.5	641.0	635.6	625.5	618.2
8	659.2	657.1	654.3	649.9	645.0	639.7	635.0
9	731.5	700.4	670.2	639.2	606.9	573.2	547.6
10	464.9	488.6	514.3	537.7	562.5	591.0	617.6
11	653.3	658.0	650.6	641.6	633.3	623.8	616.5
12	662.5	657.7	646.6	638.0	630.9	622.8	615.5
13	633.0	632.5	632.2	630.4	623.6	612.8	605.1
14	629.4	628.3	631.8	627.2	621.7	613.1	605.4
15	610.0	610.0	608.7	604.6	598.9	590.2	582.6
16	611.0	610.2	608.4	604.3	599.4	592.0	584.6
17	730.8	707.3	688.1	669.8	652.3	635.1	607.6
19	534.3	530.8	532.6	537.9	536.6	537.2	537.7
20	538.4	542.3	547.2	552.3	552.3	551.6	551.3
21	520.8	521.5	524.2	525.3	524.6	522.6	521.2
22	530.4	525.5	523.4	519.3	517.7	516.6	516.6
23	503.2	506.8	494.8	485.3	483.9	486.6	485.0
24	494.9	492.9	483.7	485.5	489.0	487.0	483.7
25	504.7	507.3	508.2	505.3	494.3	469.7	461.8
26	500.8	503.6	504.7	500.4	487.1	461.3	456.1
43	621.6	627.8	632.3	633.4	633.6	632.6	632.2
44	600.4	605.5	607.0	605.2	603.0	600.9	601.5
67	476.1	481.5	484.3	479.4	460.0	452.8	454.6
68	475.9	480.1	481.7	476.6	458.9	458.2	457.4
85	654.8	658.6	661.1	660.8	658.8	655.2	650.9
86	637.5	655.5	671.6	685.5	698.5	711.0	722.1
87	557.4	583.6	605.3	626.2	647.3	668.1	687.9
88	491.7	508.7	520.1	535.6	555.3	578.5	596.6
89	413.0	427.5	446.3	464.2	482.5	502.4	522.8
90	419.4	438.6	456.2	475.6	487.2	505.0	525.9
91	423.5	436.5	454.0	469.8	484.4	503.0	522.3
921	744.7	711.6	678.8	644.8	611.1	579.1	555.8

Table XCVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 417	R: 418	R: 419	R: 420	R: 421	R: 422	R: 423
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	543.9	571.0	602.4	631.8	661.5	693.1	723.9
93	460.5	484.9	510.7	532.3	556.7	583.0	607.7
94	538.0	572.2	601.1	627.8	655.8	685.5	715.0
95	475.9	492.9	504.7	519.9	540.0	563.3	581.5
125	503.3	502.1	500.1	501.2	500.7	499.3	493.0
126	516.6	510.8	505.0	503.7	502.1	498.6	495.1
128	851.6	837.2	823.3	808.7	793.1	774.4	754.3
132	422.7	435.2	448.0	457.3	470.1	482.8	494.9
201	1072.7	1050.9	1028.0	1002.6	974.5	943.6	911.7
202	1129.2	1118.4	1106.4	1091.5	1073.1	1051.9	1029.1
203	1143.4	1144.2	1143.4	1139.5	1132.1	1121.4	1108.5
204	1106.7	1120.4	1131.6	1139.4	1144.1	1145.3	1144.8
205	1014.7	1040.6	1063.3	1083.3	1100.9	1116.0	1128.5
206	909.8	942.2	971.6	998.2	1023.6	1047.6	1070.0
207	818.8	852.3	883.5	912.7	941.0	969.5	996.8
208	755.0	788.0	819.4	849.2	878.5	908.5	937.9
209	965.5	972.4	976.9	977.5	976.3	972.1	965.8
210	1031.2	1041.2	1048.7	1052.3	1053.5	1051.9	1047.8
211	1085.4	1098.0	1107.8	1114.2	1117.9	1118.4	1116.5
212	1092.4	1104.2	1114.5	1121.4	1125.7	1126.9	1125.9
213	1043.8	1052.6	1060.3	1064.8	1067.0	1066.5	1063.7
214	973.3	979.0	983.8	985.4	985.5	982.9	978.3
215	740.1	707.2	675.0	641.8	608.2	573.6	547.3
216	651.0	659.6	666.4	670.3	672.3	672.6	671.5
217	663.9	671.4	677.3	681.0	683.7	685.3	686.0
218	543.0	571.6	602.2	630.3	659.4	689.6	719.4
219	506.5	509.5	513.4	515.2	514.0	513.6	513.6
220	504.1	503.8	506.2	503.7	501.3	502.0	509.0
221	485.8	501.5	514.1	522.9	524.5	516.6	485.4
222	490.4	506.7	519.1	527.8	530.3	519.9	481.2
223	464.6	482.1	496.8	505.8	510.4	506.8	475.5
224	464.1	481.9	494.8	504.6	513.1	508.8	473.9
225	663.0	632.5	609.5	584.8	561.7	537.8	516.0
226	855.8	823.2	791.5	759.6	727.6	694.6	663.8
227	914.6	883.3	852.6	821.5	789.6	756.1	724.0
228	991.6	962.5	933.0	902.3	869.7	834.5	799.5

Table XCVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 417	R: 418	R: 419	R: 420	R: 421	R: 422	R: 423
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	631.2	663.0	693.9	723.9	754.2	785.9	817.0
230	403.0	422.0	445.2	468.1	495.5	517.5	545.0
231	789.5	790.5	790.1	786.9	781.9	775.3	767.4
232	906.8	910.8	912.9	911.2	907.6	901.6	893.7
233	906.6	908.7	910.6	909.2	907.0	902.6	896.6
234	795.0	794.7	794.2	791.1	787.4	782.4	776.6
235	487.8	507.3	517.0	525.5	534.7	542.8	547.4
236	456.4	476.4	494.3	512.3	529.6	546.5	553.5
237	424.0	439.2	456.4	476.8	498.5	521.0	537.6
238	416.6	433.7	453.5	473.8	492.1	515.3	537.3
239	418.9	435.7	454.4	472.0	492.1	514.8	532.6
240	405.3	410.7	416.7	426.8	439.5	452.8	469.1
241	396.5	431.7	452.2	466.4	466.7	470.8	482.3
242	209.9	196.9	184.5	173.1	163.1	153.9	145.2
243	312.4	299.5	287.4	276.1	265.5	255.6	246.5
244	719.7	695.4	668.3	632.4	580.0	535.8	512.9
245	665.1	627.5	593.1	570.0	547.3	526.8	507.2
246	512.6	529.1	541.8	544.2	540.1	541.1	532.6
247	499.4	505.3	513.5	520.6	527.2	528.9	524.1
248	520.6	520.7	514.6	504.4	485.9	481.6	478.9
249	518.7	522.2	518.3	498.3	485.2	482.3	480.7
250	378.2	407.5	435.3	459.7	478.9	497.4	509.3
251	317.6	330.5	342.2	354.6	365.7	375.5	384.1
252	66.1	60.5	73.6	75.3	77.0	79.9	82.1

Table XCVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 532	R: 533	R: 534	R: 535	R: 536	R: 537	R: 538	R: 539	R: 540	R: 541	R: 542
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	523.6	544.1	565.5	591.7	620.3	649.8	680.7	709.9	742.4	774.6	804.9
3	626.6	634.7	639.3	642.8	644.7	645.6	645.7	644.3	642.1	638.8	632.0
4	624.7	634.1	640.7	645.9	649.4	650.6	650.7	649.1	648.0	645.7	641.1
5	641.6	645.9	645.7	645.1	644.1	640.6	637.5	633.6	629.2	624.6	616.7
6	636.2	641.7	643.1	644.7	644.1	641.2	634.6	629.3	625.4	620.7	614.0
7	649.7	651.3	647.5	642.9	637.4	631.4	625.6	618.8	612.0	605.4	595.7
8	651.0	653.7	651.8	648.6	643.9	637.9	631.8	625.2	619.8	614.1	606.4
9	723.1	703.2	673.7	643.1	611.5	578.5	552.1	527.1	503.2	479.7	453.9
10	466.5	483.3	509.0	535.8	560.0	588.5	616.8	644.2	674.4	705.3	735.0
11	658.2	662.3	653.1	643.7	635.2	627.0	620.1	614.4	609.1	604.1	594.9
12	657.5	658.2	647.2	637.9	630.5	621.6	613.7	606.6	602.7	598.9	590.5
13	633.7	635.8	633.9	632.0	625.9	616.4	608.7	602.8	596.6	590.4	581.3
14	623.1	627.1	631.0	627.7	621.5	609.6	601.0	594.2	589.2	583.7	575.2
15	619.8	622.0	619.1	615.0	608.9	600.7	592.9	585.3	576.9	568.4	555.6
16	605.7	609.5	608.4	605.5	600.3	592.4	584.2	574.2	566.2	559.1	548.6
17	725.5	710.8	691.0	672.4	654.3	636.3	610.4	581.8	554.0	529.3	508.4
19	531.0	531.2	532.3	540.2	541.9	539.9	539.8	535.1	532.0	528.4	520.1
20	538.1	542.1	544.1	549.7	550.0	548.6	545.7	540.7	539.4	538.6	533.4
21	525.8	531.0	529.8	528.5	526.1	525.4	526.5	526.4	522.6	516.3	512.5
22	517.8	519.0	520.1	518.3	513.9	511.4	510.4	510.1	508.0	505.4	502.3
23	485.4	480.8	470.1	470.7	474.5	473.6	469.8	467.2	467.4	467.4	462.1
24	484.1	487.7	470.2	465.1	466.1	471.3	456.2	459.4	471.7	460.6	449.7
25	499.9	506.8	511.1	509.5	499.6	472.0	465.3	462.7	458.3	454.1	449.6
26	497.8	505.0	509.7	508.0	497.5	472.2	462.5	462.0	459.3	454.6	450.0
43	623.5	630.2	633.4	634.8	634.5	634.4	634.7	634.5	634.8	635.2	633.0
44	595.2	601.3	604.6	604.9	602.8	600.3	599.8	599.8	602.1	604.5	605.2
67	471.4	478.6	483.1	482.1	461.3	454.9	456.4	457.4	455.2	452.8	448.8
68	474.7	478.9	483.7	484.6	469.7	463.4	462.3	461.4	462.3	461.2	457.7
85	657.7	663.1	664.0	664.1	663.0	660.9	658.3	654.3	650.1	644.7	636.1
86	632.7	650.1	666.7	682.2	696.2	707.9	717.9	726.2	735.6	742.9	747.9
87	561.8	583.3	604.6	626.4	648.1	669.4	690.8	710.4	730.8	750.5	767.5
88	490.4	508.0	518.2	533.3	551.9	569.0	594.0	617.0	640.7	665.6	689.5
89	419.6	434.0	450.4	469.0	485.4	502.3	519.9	538.9	560.1	582.6	606.1
90	419.3	432.1	447.9	469.0	484.8	503.2	519.4	538.8	562.2	583.7	605.4
91	424.1	435.3	451.0	469.7	483.3	501.8	517.6	536.3	559.5	582.0	606.0
921	736.7	715.4	684.3	651.8	620.0	589.8	564.7	535.6	505.2	480.9	455.9

Table XCVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 532	R: 533	R: 534	R: 535	R: 536	R: 537	R: 538	R: 539	R: 540	R: 541	R: 542
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	544.4	568.0	598.4	630.4	661.7	692.9	724.5	754.8	788.4	820.4	850.2
93	461.6	480.1	506.0	531.5	554.8	581.1	607.2	634.3	664.3	695.1	724.5
94	539.5	567.9	596.7	625.6	654.8	684.3	714.8	744.0	776.6	808.1	837.8
95	475.1	492.7	502.8	518.1	536.8	554.0	579.1	602.1	626.0	650.9	674.9
125	502.5	503.9	498.4	499.2	497.7	493.2	489.1	482.1	473.2	466.8	458.9
126	515.5	515.9	508.7	506.3	503.1	499.4	496.1	491.4	484.8	478.5	470.8
128	848.7	840.3	825.1	809.5	793.0	774.0	754.3	732.6	712.4	691.3	670.8
132	424.1	432.7	447.1	460.0	473.4	486.2	494.3	500.9	513.6	528.4	549.6
201	1068.5	1054.4	1030.4	1002.2	974.4	943.9	912.8	879.0	847.6	814.0	778.1
202	1127.2	1122.2	1109.2	1091.9	1072.1	1050.9	1029.6	1003.4	979.6	952.5	924.5
203	1142.4	1148.2	1146.5	1141.1	1131.4	1120.3	1108.9	1091.8	1075.6	1055.5	1034.5
204	1107.5	1124.4	1134.9	1142.0	1143.8	1144.4	1144.3	1139.7	1133.9	1124.3	1113.0
205	1016.8	1042.9	1065.8	1086.0	1101.4	1115.7	1127.3	1136.8	1143.4	1146.8	1147.1
206	912.5	943.7	972.8	1000.6	1024.8	1048.0	1068.9	1088.6	1106.4	1121.0	1130.8
207	820.8	852.7	883.7	914.4	942.8	970.3	996.1	1021.1	1046.0	1067.8	1084.5
208	757.0	787.5	818.6	850.2	880.0	909.1	937.8	965.0	993.5	1018.7	1039.7
209	969.3	978.3	981.0	981.7	979.3	976.3	971.3	963.5	955.3	944.7	931.1
210	1032.8	1044.8	1050.6	1054.1	1053.5	1052.7	1049.7	1043.1	1036.1	1025.9	1013.1
211	1086.3	1101.6	1111.0	1116.9	1118.2	1119.0	1117.9	1112.6	1106.2	1096.1	1083.9
212	1089.7	1105.9	1115.5	1122.1	1123.8	1123.9	1122.8	1118.2	1112.0	1102.4	1091.4
213	1039.8	1053.1	1060.3	1064.4	1064.5	1062.4	1059.7	1053.0	1046.0	1036.0	1024.7
214	967.0	977.5	982.0	983.8	982.4	978.0	973.4	964.9	957.0	946.6	934.5
215	731.5	710.1	678.5	645.8	612.6	578.8	550.2	526.7	499.6	474.7	450.4
216	654.8	663.8	669.0	673.3	676.1	677.7	678.4	677.5	676.1	673.3	667.0
217	656.0	666.4	672.9	678.0	681.0	681.9	681.4	679.0	677.7	674.6	669.2
218	545.3	567.5	597.8	628.2	658.6	688.8	719.8	749.3	781.9	813.7	843.2
219	512.2	519.0	520.1	518.9	515.7	516.0	519.1	519.2	518.6	517.3	512.2
220	492.9	496.6	501.6	502.8	498.7	497.5	503.8	508.3	510.9	510.0	502.4
221	490.0	502.1	511.5	519.8	522.5	518.9	491.4	468.6	462.5	459.3	453.1
222	489.7	502.0	510.9	518.4	522.7	521.9	494.2	467.0	457.7	452.9	449.2
223	464.6	477.4	491.4	502.4	507.1	504.9	477.3	456.5	450.3	448.2	443.6
224	462.8	477.0	490.1	501.6	507.8	506.6	479.0	455.0	448.3	442.8	435.3
225	656.3	637.6	613.8	587.8	563.3	539.5	518.0	502.6	487.5	473.9	457.1
226	848.5	825.2	793.2	760.4	728.8	697.1	666.2	636.8	609.5	582.8	551.9
227	908.3	885.9	854.4	821.9	790.5	758.2	726.4	695.5	666.3	636.9	605.7
228	986.5	965.0	934.5	901.2	869.2	834.9	800.5	764.5	731.0	695.8	657.8

Table XCVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 532	R: 533	R: 534	R: 535	R: 536	R: 537	R: 538	R: 539	R: 540	R: 541	R: 542
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	632.7	660.6	691.1	723.3	754.7	785.6	817.0	847.1	879.6	909.9	937.3
230	406.9	419.0	440.5	461.3	488.1	518.1	543.4	565.8	590.4	619.4	647.9
231	792.3	796.1	793.9	790.8	786.5	781.0	775.1	767.7	759.9	751.1	739.0
232	909.8	916.2	916.3	914.6	910.8	906.1	899.8	891.1	882.1	871.1	857.2
233	898.6	906.0	907.4	906.6	903.3	897.3	891.1	881.8	873.7	863.4	851.4
234	785.5	790.5	790.2	788.0	784.3	777.9	771.3	762.9	755.6	747.3	736.7
235	497.9	517.5	524.1	532.1	539.0	547.9	558.6	557.5	551.1	546.5	538.5
236	460.4	481.4	498.2	516.5	532.4	550.2	564.4	573.0	580.3	588.4	596.6
237	426.7	438.5	457.4	476.0	499.4	519.4	541.9	561.4	581.4	606.1	626.6
238	418.4	431.5	451.6	471.9	491.5	509.7	537.7	561.4	583.5	607.2	630.3
239	421.1	433.6	451.0	469.9	489.6	506.5	531.0	554.2	577.8	603.0	627.2
240	412.2	419.8	422.1	430.5	444.4	449.0	465.1	486.4	506.1	530.1	558.4
241	402.7	426.9	446.8	461.6	466.5	471.3	481.6	493.1	502.2	511.1	519.6
242	206.5	203.6	192.3	181.1	170.5	160.3	151.9	145.3	138.5	137.0	140.9
243	307.9	301.9	289.9	278.6	267.9	257.7	248.6	241.2	233.4	227.8	221.1
244	714.5	698.3	671.2	634.6	583.9	540.2	509.5	489.3	473.4	462.2	451.6
245	658.5	632.1	595.6	571.2	548.9	528.2	509.4	493.3	478.9	463.0	449.8
246	514.4	528.1	539.2	544.2	541.6	542.6	535.7	530.1	527.5	524.4	522.6
247	509.5	516.7	520.1	524.4	530.2	534.4	536.2	531.2	524.2	519.4	508.3
248	518.6	522.8	520.3	496.5	481.9	478.4	472.7	470.3	466.7	461.8	449.6
249	525.5	529.0	525.5	513.0	492.1	489.4	484.1	481.1	478.5	476.2	466.2
250	382.6	403.9	430.4	457.4	479.4	496.6	509.3	516.8	521.1	520.6	513.8
251	323.8	333.4	343.9	355.2	366.4	375.3	383.3	391.8	395.1	393.9	386.7
252	68.0	68.0	70.6	74.7	77.6	79.7	82.1	82.9	86.1	96.7	94.1

Table XCIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 436	R: 437	R: 438	R: 439	R: 440	R: 441	R: 442	R: 443	R: 444	R: 445	R: 446
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	522.7	545.6	569.3	594.4	623.7	651.8	681.8	711.1	743.5	775.2	804.9
3	598.6	605.5	610.4	613.1	614.9	614.7	613.4	611.4	608.0	603.4	596.9
4	658.7	665.5	673.2	677.9	680.9	679.9	681.6	679.7	678.5	676.9	673.1
5	612.1	614.6	616.0	615.7	614.6	610.0	606.4	602.5	597.7	591.6	584.2
6	672.7	673.5	675.4	675.6	674.8	669.3	665.5	660.5	653.9	649.7	643.6
7	620.2	619.5	618.1	612.4	605.9	600.5	594.0	587.8	581.2	573.5	564.9
8	688.5	685.8	683.9	679.8	673.6	664.9	659.6	651.8	645.6	640.0	633.3
9	730.4	702.6	672.9	642.7	609.6	577.1	548.4	525.0	499.0	473.1	449.2
10	467.4	489.2	514.3	537.7	563.5	590.2	617.1	644.5	675.0	705.3	734.2
11	631.8	638.6	631.0	618.3	609.1	597.3	589.2	586.0	585.6	593.2	591.1
12	680.1	675.4	667.9	662.2	652.8	641.5	634.0	625.4	617.7	610.2	600.4
13	607.1	609.8	613.5	612.9	604.6	589.2	580.4	576.8	574.7	573.2	570.8
14	652.5	649.8	650.8	647.7	640.6	629.2	621.6	611.8	604.3	597.3	588.2
15	587.9	589.8	590.4	588.0	583.6	570.5	564.0	560.2	554.1	546.8	537.6
16	634.6	632.1	629.8	625.5	618.6	608.2	601.0	590.8	581.7	572.8	562.7
17	729.7	708.7	690.5	672.8	654.5	634.3	609.6	579.6	549.7	525.3	505.9
19	508.2	506.4	508.4	514.2	518.0	517.9	515.1	509.0	504.9	499.8	492.6
20	561.5	563.6	568.2	570.8	570.1	566.3	567.3	559.8	557.6	557.4	555.4
21	500.5	503.1	506.3	504.5	503.1	501.6	512.5	511.0	505.4	498.3	494.3
22	555.3	551.0	548.7	549.9	545.2	535.2	531.6	532.4	528.2	523.1	522.0
23	486.4	484.3	474.9	466.7	466.2	459.4	449.9	448.7	448.7	446.6	442.2
24	510.9	507.5	501.0	496.0	499.9	506.3	505.1	508.3	509.5	510.6	495.1
25	487.7	493.0	497.9	497.9	490.0	464.6	446.5	444.4	441.2	438.3	433.9
26	520.4	524.5	529.9	535.3	514.6	479.8	477.4	475.5	474.6	473.1	468.8
43	591.8	600.9	609.5	614.2	616.3	616.6	616.4	616.4	615.6	615.4	612.4
44	621.0	626.8	631.1	633.0	632.4	628.7	632.3	633.0	635.2	638.1	639.0
67	461.5	468.2	472.4	467.6	451.6	442.4	439.5	438.9	435.9	432.0	428.6
68	496.5	499.7	505.0	507.8	484.6	477.3	482.0	478.0	476.3	479.9	477.6
85	626.3	629.6	631.1	632.0	631.1	628.3	625.7	622.3	617.2	611.8	604.2
86	661.6	678.1	696.0	711.5	725.9	735.8	747.6	756.1	765.7	774.1	779.9
87	546.9	571.1	590.4	609.4	630.9	651.2	670.4	689.0	707.7	726.3	741.9
88	502.6	509.2	519.7	534.9	554.9	573.2	597.0	619.3	642.6	667.6	692.1
89	418.8	430.7	446.2	465.4	484.2	503.9	518.8	535.5	556.2	576.6	599.6
90	416.2	434.9	453.8	473.7	493.4	509.7	523.4	543.3	569.6	591.0	611.7
91	422.7	434.2	452.4	468.2	487.6	503.5	519.3	539.5	562.2	583.6	606.5
921	739.5	709.7	677.7	645.4	610.9	577.9	552.9	518.0	496.1	473.1	450.6

Table XCIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 436	R: 437	R: 438	R: 439	R: 440	R: 441	R: 442	R: 443	R: 444	R: 445	R: 446
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	545.8	570.6	602.3	631.9	663.7	693.7	724.9	755.0	789.2	820.1	849.4
93	463.7	485.4	509.9	532.6	557.7	582.2	607.2	634.2	665.0	694.7	723.6
94	541.9	572.2	601.7	629.0	659.0	687.3	717.6	746.9	779.8	810.8	840.0
95	486.7	493.4	504.2	519.6	539.7	557.8	581.6	604.1	627.5	653.0	677.2
125	480.7	482.2	479.9	493.5	490.2	479.3	481.4	471.2	462.7	452.4	443.6
126	543.4	537.9	531.8	533.2	533.1	527.6	523.4	512.6	502.6	491.9	485.5
128	851.4	838.8	825.3	810.9	792.7	770.4	750.8	731.5	709.2	689.7	669.5
132	422.2	433.5	445.8	457.4	469.5	482.7	493.7	503.3	513.5	529.2	551.6
201	1070.4	1051.4	1028.9	1003.6	973.0	936.3	904.5	874.7	841.3	809.9	775.9
202	1127.5	1118.4	1106.3	1091.4	1071.5	1044.4	1022.1	1000.5	974.0	950.1	923.4
203	1142.5	1143.8	1143.0	1139.1	1131.2	1114.9	1102.1	1089.0	1070.5	1053.1	1033.4
204	1106.7	1119.1	1130.5	1138.9	1143.6	1140.1	1139.1	1137.1	1129.4	1122.1	1111.5
205	1015.6	1039.0	1062.1	1082.8	1100.9	1112.4	1124.1	1134.5	1139.8	1144.5	1145.7
206	911.6	940.3	969.8	997.4	1024.1	1045.4	1066.6	1086.9	1103.5	1118.8	1129.2
207	821.3	850.9	882.1	911.9	941.9	968.4	994.7	1020.0	1044.1	1065.8	1083.0
208	757.4	786.6	818.2	848.4	879.8	908.1	936.7	964.4	992.2	1017.3	1038.4
209	939.2	945.1	949.3	950.5	948.9	942.5	940.3	934.4	924.3	914.7	902.1
210	1010.2	1019.5	1026.8	1030.8	1031.4	1026.7	1026.4	1021.9	1012.9	1004.5	992.9
211	1074.0	1085.4	1095.3	1102.1	1105.5	1101.9	1101.9	1099.0	1090.4	1082.7	1071.7
212	1103.3	1114.1	1124.7	1132.4	1136.5	1132.5	1129.4	1127.1	1119.3	1112.4	1101.9
213	1064.4	1072.4	1080.5	1086.0	1088.1	1081.8	1076.3	1072.1	1063.5	1056.1	1045.0
214	1001.0	1005.7	1011.3	1014.4	1014.0	1005.4	998.1	991.5	981.8	973.8	961.9
215	734.9	705.6	674.0	642.1	607.9	574.4	549.9	523.5	497.1	471.6	447.8
216	625.0	632.3	638.4	642.2	645.0	645.6	645.9	645.0	642.2	639.1	633.4
217	693.0	699.2	706.9	711.5	714.2	712.6	713.4	710.9	709.0	707.0	702.2
218	543.0	569.2	599.9	627.8	658.7	687.7	717.8	747.2	779.4	810.4	839.2
219	486.2	490.7	495.0	493.9	492.6	493.3	503.9	503.0	501.1	496.0	488.5
220	530.6	526.2	528.1	532.9	529.6	519.4	520.1	525.9	528.2	529.0	526.4
221	482.4	497.1	510.5	518.8	515.7	507.6	482.3	451.2	445.2	440.6	435.2
222	498.9	509.6	520.0	529.4	540.7	529.2	500.1	479.8	474.7	470.8	467.5
223	458.6	473.4	486.6	495.0	497.7	497.6	466.9	439.4	434.3	429.9	422.0
224	472.5	486.9	500.8	507.3	513.9	514.8	496.2	464.2	464.2	459.7	456.0
225	662.7	635.2	611.7	589.0	560.9	534.3	511.5	496.1	481.1	467.7	451.0
226	854.8	825.8	794.8	763.4	728.9	693.8	661.8	634.6	606.7	580.8	550.8
227	913.1	885.5	855.5	824.5	789.7	753.1	720.2	691.9	661.6	633.7	604.0
228	989.7	964.4	935.6	904.8	869.0	829.6	794.3	762.6	726.4	694.4	658.3

Table XCIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 436	R: 437	R: 438	R: 439	R: 440	R: 441	R: 442	R: 443	R: 444	R: 445	R: 446
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	633.7	661.9	693.2	723.3	755.9	786.1	817.3	847.3	879.9	909.4	936.4
230	414.6	429.4	452.3	474.0	497.7	517.6	538.8	562.7	590.8	620.5	648.3
231	757.8	758.8	758.3	755.8	751.6	744.8	740.4	734.2	725.7	717.2	706.3
232	878.6	881.7	883.5	882.5	879.0	871.4	867.6	860.8	850.2	840.2	827.3
233	936.8	938.0	940.8	941.1	938.1	928.0	919.8	911.4	901.7	893.5	881.7
234	827.7	826.8	827.2	825.4	820.9	811.1	803.2	794.2	785.9	778.2	768.0
235	478.0	490.5	498.1	507.6	518.2	524.9	529.7	529.0	520.9	514.4	506.0
236	449.9	467.6	484.8	500.7	517.6	528.6	540.0	550.1	556.0	563.5	566.6
237	417.5	434.4	455.2	476.3	495.3	513.9	531.4	555.8	575.9	596.3	615.4
238	418.0	434.4	453.7	470.6	494.2	513.9	535.7	554.5	577.1	602.0	624.4
239	421.9	437.4	456.6	471.8	491.6	509.9	533.1	553.9	577.0	603.0	627.0
240	403.2	407.3	415.6	424.8	436.1	446.6	466.9	485.0	506.4	532.8	557.3
241	416.5	437.5	453.0	459.9	456.0	465.5	470.0	477.8	483.5	489.0	493.4
242	211.0	199.5	187.2	176.8	166.1	156.9	151.5	149.0	149.6	153.1	154.5
243	310.7	298.8	287.2	276.5	265.8	255.5	245.4	237.2	230.2	221.8	215.2
244	719.2	697.8	673.4	643.6	591.5	540.4	521.0	489.0	474.0	461.0	448.4
245	663.5	628.7	591.7	566.3	544.1	523.9	497.3	480.7	467.6	452.9	440.0
246	484.8	500.6	513.0	515.1	513.1	515.6	505.9	499.1	499.7	499.4	497.5
247	479.5	487.8	495.2	501.7	507.4	508.3	512.1	509.2	502.4	492.1	477.6
248	502.4	500.9	493.2	478.7	465.9	468.1	449.1	445.2	444.1	439.1	426.5
249	535.9	535.4	525.7	503.9	497.4	501.5	495.2	494.2	486.9	487.5	481.5
250	348.5	377.1	406.9	433.9	457.4	471.9	487.5	499.2	505.5	508.2	504.2
251	307.9	320.7	334.2	341.8	353.5	358.4	372.8	381.5	384.2	383.5	375.0
252	69.8	70.0	73.2	74.9	78.9	80.5	82.6	83.4	86.5	96.2	93.2

Table C: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 447	R: 448	R: 449	R: 450	R: 451	R: 452	R: 453	R: 454	R: 455	R: 456	R: 457
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	520.0	547.0	569.2	596.1	626.2	654.2	683.1	711.5	741.7	770.9	801.1
3	653.0	661.8	667.5	672.5	673.8	672.1	670.0	666.6	663.0	657.8	653.4
4	601.1	609.6	616.1	620.6	622.5	624.4	626.2	626.2	622.9	620.0	614.3
5	670.8	673.9	674.6	675.2	672.6	666.3	660.8	654.7	649.1	642.6	636.9
6	611.6	615.0	617.6	620.0	617.9	615.9	613.2	610.3	602.1	596.5	588.6
7	678.5	677.1	674.0	670.5	662.7	654.5	646.1	637.4	629.8	621.3	613.8
8	626.0	626.0	625.7	623.4	617.9	613.1	609.5	605.1	598.6	592.4	585.1
9	725.1	696.7	669.8	641.5	607.5	574.0	546.9	522.8	500.0	477.2	455.3
10	465.7	488.2	513.1	539.5	566.2	592.7	618.5	645.2	673.3	700.8	730.6
11	675.4	677.5	671.2	663.9	653.4	643.8	636.0	627.9	620.4	611.8	602.8
12	636.0	634.5	621.3	609.9	598.9	587.4	584.1	582.0	583.4	589.2	587.4
13	654.9	653.6	652.3	650.6	641.6	630.5	622.5	614.9	607.8	599.1	590.1
14	588.0	594.6	607.7	605.5	595.5	581.9	577.6	573.3	571.2	568.9	565.1
15	632.1	631.0	628.1	624.1	616.0	606.8	597.9	588.6	579.5	569.8	559.0
16	578.1	582.6	584.4	581.7	572.1	560.6	561.4	558.8	553.3	545.5	537.0
17	727.3	706.3	688.4	671.6	651.4	631.4	604.3	575.7	547.7	523.9	498.1
19	560.2	555.1	556.1	561.6	560.3	558.6	554.6	551.8	548.4	545.0	537.8
20	520.2	519.0	522.1	527.5	527.6	528.3	526.9	523.6	520.8	517.1	510.0
21	543.1	547.6	550.2	553.0	547.8	542.7	545.3	542.9	538.8	528.2	523.8
22	497.1	498.0	500.8	500.6	497.2	495.8	502.9	502.8	498.0	494.2	492.6
23	503.5	500.4	491.5	488.0	490.6	493.3	495.2	498.8	499.9	500.2	490.1
24	494.8	495.2	484.9	477.3	477.4	467.8	461.1	458.2	455.9	454.1	451.8
25	522.1	529.1	533.9	541.9	514.2	490.2	476.0	474.8	470.2	466.3	463.7
26	484.0	485.2	487.8	486.6	482.1	457.4	452.4	447.1	444.5	440.6	433.0
43	642.6	649.2	653.1	655.5	654.5	652.4	652.2	651.0	650.1	648.5	647.9
44	573.0	581.2	585.4	587.0	584.8	583.9	584.9	585.8	586.0	585.5	585.6
67	493.2	502.8	508.2	507.7	479.8	477.6	474.5	469.2	468.6	466.9	466.6
68	457.3	464.8	467.7	464.8	453.5	446.2	448.9	444.0	441.1	439.8	438.4
85	688.2	692.6	694.3	695.8	692.9	688.1	682.6	676.3	670.5	663.2	656.7
86	610.6	629.1	645.3	659.6	672.2	684.2	695.5	705.0	711.7	717.5	721.6
87	571.6	600.0	622.7	646.9	670.3	689.9	709.3	727.4	746.3	763.2	781.1
88	479.2	503.2	520.1	536.1	556.5	575.7	593.7	616.5	642.4	664.1	685.9
89	414.4	432.1	450.7	472.1	490.2	505.0	524.9	548.1	563.8	583.6	608.2
90	420.0	438.7	451.2	468.0	487.8	509.9	526.4	540.3	556.5	577.0	600.2
91	421.4	435.8	452.4	470.9	489.5	506.0	525.3	543.6	558.1	579.2	604.3
921	740.5	709.9	681.4	651.1	616.9	587.1	563.7	533.7	504.8	481.2	456.6

Table C: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 447	R: 448	R: 449	R: 450	R: 451	R: 452	R: 453	R: 454	R: 455	R: 456	R: 457
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	543.5	571.2	602.6	633.9	665.8	695.1	725.3	754.9	786.9	816.5	846.5
93	462.5	485.2	509.3	534.5	560.1	583.7	608.1	634.6	663.1	690.6	720.3
94	534.6	571.2	599.4	628.1	657.8	685.7	714.6	743.1	773.6	802.5	832.0
95	464.2	487.7	504.6	520.7	541.3	560.5	578.7	601.2	627.3	649.5	671.5
125	530.1	527.0	522.9	526.8	523.8	519.0	521.3	512.0	490.8	480.9	471.8
126	496.3	493.8	490.0	499.5	500.1	489.8	487.2	478.8	471.1	461.6	453.9
128	851.2	838.4	825.3	811.9	793.2	773.0	754.2	734.6	710.2	688.2	666.3
132	422.7	434.2	449.1	460.2	475.5	484.9	494.9	503.2	516.7	531.4	548.1
201	1070.8	1050.3	1027.4	1001.8	970.3	940.3	909.7	879.0	843.2	811.0	775.7
202	1128.4	1119.0	1107.4	1091.5	1069.9	1049.7	1028.3	1005.6	976.9	950.3	921.6
203	1143.7	1145.7	1146.3	1141.2	1129.9	1119.9	1107.9	1094.3	1074.3	1053.3	1030.7
204	1108.3	1123.2	1136.5	1143.5	1144.3	1145.5	1145.2	1142.4	1134.3	1121.6	1109.3
205	1016.0	1043.3	1068.2	1088.3	1103.5	1117.0	1129.5	1139.0	1144.2	1143.3	1143.9
206	911.2	945.1	976.3	1003.9	1028.0	1049.7	1071.4	1089.8	1106.8	1116.5	1128.3
207	819.4	854.6	887.3	917.8	946.3	971.9	998.1	1021.8	1045.7	1063.0	1082.5
208	755.3	790.2	822.4	853.8	884.0	911.3	939.7	965.7	992.9	1014.4	1037.6
209	996.6	1003.8	1008.3	1010.0	1005.9	999.4	992.5	984.4	974.1	960.5	948.1
210	1056.0	1066.7	1074.8	1078.7	1076.7	1073.1	1068.8	1063.0	1053.7	1040.5	1028.4
211	1099.3	1112.7	1124.2	1130.3	1130.4	1129.8	1127.9	1124.1	1115.4	1102.4	1089.9
212	1080.0	1093.8	1106.7	1112.8	1113.5	1115.8	1115.7	1112.8	1104.7	1092.5	1079.7
213	1019.7	1030.7	1040.8	1044.6	1043.8	1044.9	1043.6	1039.3	1030.0	1017.9	1004.9
214	940.0	947.9	955.3	957.1	954.7	954.3	951.0	945.7	935.1	923.5	909.8
215	736.4	705.2	675.6	644.6	608.4	574.0	545.1	521.6	497.5	474.6	451.6
216	682.6	692.1	698.5	704.3	706.2	705.0	703.1	700.0	697.0	692.1	688.1
217	630.7	639.5	647.1	651.4	653.2	655.2	657.0	656.9	652.8	649.2	642.5
218	543.8	573.6	603.4	634.3	666.2	694.7	723.9	752.7	783.2	812.1	841.8
219	528.5	536.6	539.8	543.8	538.0	534.5	538.0	533.8	532.5	529.4	525.3
220	475.3	478.4	483.0	481.6	481.4	485.8	497.2	499.8	500.3	496.0	489.1
221	497.2	510.0	520.7	531.9	543.4	535.1	502.6	477.4	472.8	469.2	467.2
222	480.5	497.4	509.7	518.0	514.9	511.5	479.4	450.6	441.6	436.0	431.1
223	470.0	488.6	500.6	511.0	517.0	515.2	491.8	470.6	463.9	459.8	455.2
224	454.5	471.1	484.8	495.0	495.7	487.7	455.9	435.8	428.6	421.9	414.8
225	661.2	632.9	611.6	588.1	560.2	535.8	515.0	500.6	480.2	471.2	450.9
226	849.5	818.5	787.7	757.7	723.4	691.7	660.9	633.0	604.2	579.0	550.1
227	909.6	880.1	849.6	819.9	785.5	753.4	721.9	692.7	661.0	633.1	603.5
228	987.5	959.9	930.1	900.0	864.6	831.0	797.0	763.9	725.8	692.2	655.1

Table C: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: $\beta = -2.0^{\circ}$, $M_{\infty} = 1.30$, $q_{\infty} = 500.0$
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 447	R: 448	R: 449	R: 450	R: 451	R: 452	R: 453	R: 454	R: 455	R: 456	R: 457
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	631.0	664.4	695.4	727.4	759.6	788.8	818.9	848.2	879.1	906.4	934.6
230	406.8	426.4	448.5	473.1	498.4	520.7	543.7	570.1	592.9	617.5	645.0
231	825.5	826.9	825.8	824.1	817.1	808.3	799.4	789.9	780.5	769.4	759.7
232	939.8	944.2	946.1	945.5	939.4	931.1	922.8	913.1	902.0	888.4	876.2
233	870.6	875.2	879.4	878.6	874.6	872.2	867.7	861.5	850.4	839.7	826.1
234	755.3	757.4	759.3	757.9	753.4	749.9	745.8	740.2	730.6	722.0	710.5
235	499.6	527.4	539.4	548.4	556.2	560.6	569.2	570.8	568.1	561.8	556.6
236	460.1	486.9	506.7	524.9	544.8	560.1	576.6	582.7	593.6	601.2	609.0
237	427.0	447.0	463.3	483.1	504.7	524.8	549.6	565.0	586.5	606.4	630.9
238	420.5	438.6	454.8	475.4	498.3	517.8	538.8	559.5	586.9	608.6	631.5
239	418.4	436.5	455.2	475.1	496.8	515.7	533.6	554.7	580.4	603.1	626.6
240	406.0	414.9	417.2	427.8	435.7	449.7	469.4	485.1	507.1	529.9	552.6
241	384.2	415.3	443.8	463.0	478.4	491.6	495.7	506.3	515.6	522.7	530.6
242	209.9	199.0	189.0	177.2	164.7	154.9	148.3	144.1	143.7	144.7	147.0
243	310.3	298.0	287.7	277.0	265.7	256.1	246.7	238.9	232.1	225.4	219.1
244	716.9	693.9	669.3	638.3	585.7	539.5	524.9	492.6	479.5	463.9	450.2
245	662.2	625.4	592.2	566.6	540.5	528.3	504.0	484.1	477.2	460.9	450.4
246	553.0	566.7	574.2	575.8	572.0	569.8	559.4	551.1	547.5	543.8	540.9
247	528.8	534.3	538.1	541.3	549.4	551.5	552.2	542.8	537.0	531.9	523.8
248	531.4	529.2	517.7	499.8	496.3	494.9	491.7	485.9	485.5	479.6	471.7
249	506.4	508.0	501.4	485.4	468.8	475.0	456.4	453.1	450.3	448.4	439.1
250	409.4	438.0	461.3	484.4	508.6	516.2	530.8	532.9	533.9	529.7	517.8
251	332.0	345.8	357.0	369.0	374.8	383.9	391.0	401.4	402.6	400.6	391.2
252	65.5	61.6	74.6	78.5	72.2	82.4	83.6	83.4	85.2	92.8	91.2

Table CI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 408	R: 409	R: 410	R: 411	R: 412	R: 413	R: 414	R: 415	R: 416
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	541.3	566.3	593.1	620.6	649.3	680.5	710.2	739.1	768.4
3	553.5	558.3	560.6	560.1	558.5	553.2	548.6	544.2	539.0
4	719.5	725.9	733.1	738.4	741.1	742.4	744.0	741.0	738.4
5	560.2	565.2	562.4	559.5	556.8	549.7	541.9	536.4	530.4
6	730.1	730.1	731.6	733.1	730.1	725.1	722.3	713.4	707.4
7	565.7	564.8	557.8	551.7	552.0	543.8	534.3	526.8	517.5
8	741.9	738.0	735.4	731.0	724.3	716.7	710.7	701.4	693.3
9	689.8	664.5	636.0	605.1	575.1	547.5	520.1	492.8	467.9
10	488.9	510.1	534.9	560.2	587.5	616.1	643.7	671.4	699.8
11	571.3	561.6	555.7	543.5	536.9	532.8	524.4	521.7	524.2
12	708.8	702.8	700.7	695.4	689.0	680.9	674.0	662.4	651.1
13	544.9	549.6	547.8	538.3	525.7	522.9	516.6	514.9	515.3
14	689.8	687.5	688.1	684.1	678.0	671.4	664.1	654.7	645.7
15	524.8	525.4	526.5	524.3	518.8	511.8	502.0	496.4	495.2
16	676.8	672.7	670.2	666.1	660.2	653.4	647.8	639.0	631.3
17	698.1	678.6	659.4	640.1	619.1	590.6	563.9	536.6	512.1
19	467.1	473.1	477.8	479.4	481.6	474.8	464.4	458.1	449.2
20	603.3	608.4	612.1	615.2	615.1	615.6	613.6	607.6	604.2
21	462.8	466.2	468.2	468.0	470.2	471.9	473.7	475.1	468.8
22	592.6	589.9	589.3	586.9	584.2	582.7	582.1	572.4	561.9
23	451.7	445.5	440.7	436.1	431.5	424.6	421.6	418.3	412.9
24	548.8	545.7	541.8	545.2	546.0	545.8	547.5	548.8	548.3
25	471.6	479.2	478.6	472.4	453.2	427.2	418.6	417.8	415.5
26	567.3	565.8	561.3	554.9	531.2	518.7	517.0	512.1	510.9
43	552.1	549.5	558.0	588.8	562.6	561.2	557.9	556.2	552.0
44	669.5	673.5	679.3	684.0	688.5	692.4	697.3	698.2	699.8
67	451.1	456.4	453.1	433.7	422.0	410.5	408.7	406.4	402.8
68	545.9	542.6	536.1	528.4	519.9	521.9	522.4	519.5	521.5
85	571.1	566.0	577.5	575.5	573.5	567.2	563.7	558.4	551.3
86	723.4	741.0	759.4	775.9	790.1	803.3	816.2	823.9	831.7
87	546.3	560.7	578.0	595.1	612.5	629.9	644.3	659.6	673.4
88	503.6	512.9	530.2	549.1	569.1	592.4	613.6	637.8	664.7
89	430.7	444.6	458.8	473.6	490.7	510.9	527.4	544.3	562.5
90	428.9	445.2	464.3	482.6	503.3	527.7	552.6	577.5	595.8
91	431.8	445.4	462.5	478.9	496.4	517.9	539.5	560.1	579.4
921	701.3	671.2	637.3	604.4	573.5	538.6	511.9	489.4	465.8

Table CI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α 0.0° R: 408 Pi	2.0° R: 409 Pi	4.0° R: 410 Pi	6.0° R: 411 Pi	8.0° R: 412 Pi	10.0° R: 413 Pi	12.0° R: 414 Pi	14.0° R: 415 Pi	16.0° R: 416 Pi
922	570.6	601.5	632.4	662.1	692.7	724.4	755.7	784.6	813.8
93	483.4	505.4	530.0	554.6	580.6	606.7	634.2	661.8	690.2
94	573.8	601.8	631.0	659.7	689.3	720.9	751.5	780.2	809.5
95	488.1	497.4	514.5	533.4	553.9	577.0	598.3	622.6	649.7
125	446.3	443.1	445.9	448.5	448.8	446.0	442.3	439.5	433.1
126	583.8	575.2	570.3	568.8	565.5	557.3	552.6	539.2	527.7
128	828.6	817.4	805.4	790.8	772.4	747.1	719.9	693.8	668.0
132	430.3	440.7	451.8	461.0	470.3	481.0	492.8	507.4	525.0
201	1034.9	1012.9	987.9	958.9	928.7	896.5	864.2	831.9	798.8
202	1101.8	1090.2	1075.3	1055.9	1035.2	1012.8	988.0	963.0	936.6
203	1128.8	1128.5	1125.1	1116.2	1105.6	1093.3	1076.9	1059.2	1039.5
204	1105.6	1118.0	1126.6	1129.8	1131.1	1130.8	1125.4	1117.8	1107.7
205	1028.7	1052.2	1073.0	1089.5	1103.9	1117.0	1124.0	1128.5	1129.9
206	932.8	962.8	990.7	1015.7	1039.3	1061.6	1078.8	1093.3	1104.9
207	845.5	877.0	907.4	935.8	963.6	991.0	1014.3	1034.9	1053.0
208	782.8	814.2	845.3	874.8	904.5	934.1	960.3	984.0	1006.0
209	884.1	889.6	890.2	887.9	886.2	881.4	872.2	863.1	851.2
210	967.4	976.0	979.3	979.2	979.5	977.0	969.1	961.2	950.3
211	1050.4	1061.5	1068.0	1070.2	1071.4	1070.9	1064.1	1056.5	1045.9
212	1123.1	1133.9	1141.9	1144.7	1145.0	1144.0	1138.8	1130.7	1120.3
213	1101.6	1109.7	1116.3	1117.3	1115.7	1112.3	1106.3	1096.6	1085.5
214	1051.7	1056.4	1060.7	1059.7	1055.8	1049.8	1042.6	1031.5	1019.5
215	690.1	662.0	631.1	598.3	566.4	540.5	511.2	489.1	466.2
216	576.8	585.9	589.3	589.8	588.7	588.7	584.5	580.7	575.4
217	754.9	761.4	768.5	773.4	775.4	775.6	776.2	772.4	769.0
218	567.4	593.9	622.8	651.3	680.4	711.3	740.3	768.4	796.7
219	453.1	457.4	455.8	459.0	464.1	468.2	469.7	468.7	459.7
220	568.4	568.6	572.5	572.5	570.7	572.1	571.5	564.5	562.6
221	474.7	485.2	492.9	492.5	485.3	470.8	441.3	421.1	412.5
222	541.6	550.9	563.4	568.7	564.6	545.5	523.4	514.0	511.3
223	460.0	469.4	473.7	474.3	475.1	449.8	416.8	401.3	393.8
224	504.2	514.9	529.0	540.2	549.7	527.9	507.3	503.0	500.9
225	628.1	607.1	584.2	558.0	533.7	509.5	492.2	475.5	462.1
226	816.6	786.9	756.1	724.1	692.5	660.7	631.9	604.4	577.6
227	871.6	842.5	812.0	780.0	748.4	716.4	686.2	656.8	627.2
228	950.7	922.5	892.2	859.0	824.9	789.8	755.0	720.8	685.6

Table CI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
	R: 408	R: 409	R: 410	R: 411	R: 412	R: 413	R: 414	R: 415	R: 416
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	660.1	690.4	721.9	752.4	783.6	815.7	845.9	873.3	900.6
230	448.6	461.4	480.9	501.2	522.7	547.4	569.1	591.6	617.1
231	693.0	694.5	692.5	688.1	684.5	678.7	670.2	662.1	652.0
232	819.8	822.9	821.7	817.5	814.1	808.1	798.2	788.4	776.0
233	990.9	992.4	993.9	991.1	985.0	977.3	969.7	957.9	946.0
234	887.3	886.0	885.5	881.9	874.9	866.3	859.1	847.8	837.2
235	457.1	468.1	478.0	482.0	483.9	481.1	468.5	458.8	448.6
236	450.1	465.0	477.0	485.3	492.7	494.9	497.0	499.5	503.3
237	438.4	449.4	464.1	483.0	498.6	515.8	531.5	550.4	570.1
238	435.8	452.5	468.4	483.7	500.2	520.9	539.4	560.9	584.5
239	432.6	446.3	464.9	482.9	502.0	524.4	544.6	568.5	594.6
240	398.2	406.2	417.0	431.6	448.3	467.6	485.6	506.3	525.5
241	440.9	447.7	446.7	446.0	446.5	442.1	438.9	437.5	437.5
242	216.4	214.0	208.6	204.1	200.5	194.7	190.6	185.1	178.9
243	288.9	279.2	267.5	255.6	244.7	232.3	224.1	215.8	208.6
244	685.7	663.1	629.1	568.2	528.0	503.6	492.5	469.1	448.6
245	618.5	584.6	559.0	535.9	513.7	490.4	472.6	456.2	439.6
246	461.1	465.2	472.0	473.9	475.3	467.8	456.6	450.1	446.3
247	455.5	458.7	465.1	468.6	471.9	472.1	464.2	452.1	437.9
248	465.8	465.7	455.8	444.7	440.3	433.1	422.8	416.3	411.0
249	579.4	573.1	561.6	544.0	540.0	535.7	533.9	520.5	517.4
250	323.7	352.1	382.8	412.2	430.2	450.2	464.2	473.7	476.0
251	302.4	311.3	322.1	334.1	342.2	354.3	360.5	362.8	361.4
252	69.3	71.4	74.3	76.3	78.7	81.6	82.4	80.2	97.7

Table CII: AEDC 16' Tunnel - 10% Model

Nominal Conditions: α = 6.0°, M_∞ = 1.30, q_∞ = 500.0

Upright, Pressures in psf, Side Probes

	Nominal β											
Ori-	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 424	R: 425	R: 426	R: 427	R: 428	R: 429	R: 430	R: 431	R: 432	R: 433	R: 434	R: 435
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	625.4	626.2	627.1	625.7	623.3	622.9	623.0	621.8	622.3	620.9	619.4	613.8
3	701.8	688.4	673.7	659.5	651.1	643.1	636.3	629.1	617.2	604.7	591.8	558.4
4	596.2	609.7	624.7	638.1	642.4	649.9	656.4	663.9	677.5	691.3	705.4	733.4
5	701.0	687.4	672.5	658.4	650.0	642.1	635.4	628.4	616.6	604.6	592.2	557.9
6	593.4	606.0	620.2	633.1	637.0	644.1	650.5	658.2	671.8	685.6	699.9	728.4
7	691.3	677.9	663.7	650.3	642.1	634.5	627.8	620.9	609.0	596.1	582.8	549.2
8	593.7	606.0	619.8	633.0	636.7	643.4	649.5	657.3	670.5	684.1	698.2	726.5
9	606.3	607.5	608.0	607.6	606.5	607.7	607.8	609.2	608.2	608.0	608.1	603.6
10	565.6	566.2	566.9	564.7	562.3	561.5	561.5	560.5	561.4	560.1	558.5	553.3
11	671.1	662.7	653.6	644.8	638.8	632.6	627.6	622.1	609.3	593.1	577.3	542.0
12	567.1	583.0	601.3	618.9	623.8	630.3	635.1	641.0	650.5	660.1	670.4	692.7
13	660.0	651.0	642.5	634.1	627.9	623.1	619.0	614.9	605.0	588.8	570.7	534.3
14	556.6	575.9	598.4	613.2	616.2	621.3	625.1	630.2	638.7	647.7	658.0	681.0
15	633.2	624.2	616.1	608.5	603.0	598.2	594.6	591.1	583.4	565.3	549.5	517.6
16	541.2	555.8	574.9	592.0	595.0	599.6	603.1	608.1	616.6	626.0	636.9	662.6
17	645.9	650.0	653.1	655.3	653.4	652.8	652.6	653.7	654.4	654.8	652.6	640.7
19	581.7	571.8	560.3	551.1	546.0	540.4	536.6	531.4	520.9	510.5	502.0	480.3
20	509.4	519.5	529.4	537.9	542.2	549.8	555.8	562.8	572.6	582.2	591.1	613.0
21	567.1	557.5	548.1	542.3	533.7	523.4	517.2	511.7	506.8	498.4	490.2	472.2
22	479.9	486.2	498.6	509.7	510.7	514.7	521.8	528.4	540.4	549.6	563.5	588.2
23	511.8	501.6	489.9	475.9	469.4	477.3	478.3	471.2	466.9	455.0	444.4	430.9
24	457.7	466.6	478.6	484.0	486.9	495.0	485.7	487.8	495.9	507.0	518.6	537.1
25	538.4	526.8	514.1	517.8	509.2	495.8	491.5	487.0	485.4	481.6	480.1	471.9
26	474.7	480.0	482.5	482.5	488.2	497.5	509.1	522.6	520.9	519.2	530.6	552.4
43	674.6	664.9	654.6	644.8	638.6	633.0	628.8	624.7	617.1	603.3	589.1	588.2
44	570.8	578.9	585.9	593.2	596.3	602.6	608.2	616.0	629.3	641.9	654.6	679.6
67	499.2	487.3	480.2	473.3	466.2	458.0	451.5	446.2	443.8	439.4	435.8	428.5
68	441.1	447.5	453.9	452.8	459.3	467.5	473.5	480.8	486.7	488.5	494.4	517.5
85	722.3	708.2	692.3	677.7	669.4	660.8	653.9	646.5	633.7	620.1	606.3	574.6
86	646.8	659.8	674.7	686.7	690.3	697.4	703.7	710.2	722.5	734.6	746.8	769.7
87	686.5	679.0	670.4	660.5	654.3	648.7	644.6	639.3	631.7	622.4	612.9	590.2
88	551.6	555.6	557.5	556.4	554.8	554.9	555.6	556.4	558.9	559.5	557.7	552.9
89	488.7	489.8	491.0	488.8	486.7	486.1	487.4	486.5	484.8	483.8	480.5	471.4
90	484.2	486.4	488.2	487.8	484.8	486.6	488.8	488.1	487.9	485.9	484.4	480.4
91	488.3	488.8	489.8	488.4	486.4	485.2	484.6	484.2	485.0	484.2	482.2	477.6
921	607.1	608.2	617.5	618.9	616.7	613.7	609.4	609.8	610.1	609.9	613.4	603.7

Table CII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β											
	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 424	R: 425	R: 426	R: 427	R: 428	R: 429	R: 430	R: 431	R: 432	R: 433	R: 434	R: 435
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	664.2	665.1	666.5	665.2	663.0	662.7	663.1	662.1	663.0	661.5	659.8	654.2
93	558.4	559.3	560.7	558.7	556.3	555.7	555.6	554.8	555.6	554.3	552.3	547.5
94	654.9	656.7	658.7	658.3	656.4	656.6	657.2	656.6	658.1	657.4	656.5	652.5
95	537.1	540.3	542.2	541.1	539.2	539.3	540.0	540.8	543.4	544.0	542.2	537.7
125	540.8	531.9	524.7	514.6	505.5	495.2	489.5	487.4	481.5	471.5	464.9	441.3
126	485.0	492.0	500.9	512.7	504.2	503.0	507.5	515.2	527.4	536.4	547.4	565.2
128	794.1	793.0	794.6	793.5	791.0	791.4	791.3	792.5	792.9	789.0	788.3	787.8
132	471.9	474.5	476.5	476.8	474.9	474.6	475.4	474.3	472.2	470.0	467.9	459.6
201	968.8	970.1	972.4	973.0	970.7	972.2	973.3	974.8	973.5	972.1	971.1	962.4
202	1068.7	1069.9	1072.4	1072.3	1069.8	1071.0	1071.9	1073.3	1072.4	1071.0	1069.0	1058.7
203	1129.0	1130.3	1132.5	1132.5	1129.4	1130.2	1131.2	1132.2	1132.3	1131.1	1128.6	1117.7
204	1143.9	1145.1	1146.7	1146.0	1142.7	1142.9	1143.8	1144.6	1145.2	1144.2	1141.1	1129.9
205	1102.0	1103.8	1105.4	1104.7	1101.0	1101.0	1101.8	1101.8	1102.9	1101.7	1098.6	1087.5
206	1026.6	1027.8	1029.7	1028.5	1024.9	1024.4	1025.3	1024.9	1026.1	1025.0	1021.8	1011.6
207	944.6	946.1	947.7	946.4	943.0	942.9	943.6	942.8	944.2	942.7	939.9	930.6
208	882.5	883.6	885.2	883.7	880.7	880.4	880.9	880.1	881.3	879.9	877.1	868.9
209	1030.4	1018.4	1005.9	992.7	984.7	977.5	972.0	965.5	953.5	940.3	924.6	890.1
210	1095.3	1086.5	1077.5	1066.7	1059.8	1054.0	1050.1	1045.0	1035.5	1024.9	1011.6	981.0
211	1140.0	1135.8	1132.2	1125.8	1120.6	1117.6	1116.0	1113.6	1108.7	1102.4	1093.4	1071.2
212	1102.6	1109.2	1116.5	1121.9	1120.5	1123.8	1127.1	1130.6	1136.8	1140.6	1143.7	1144.1
213	1023.6	1034.7	1047.3	1057.7	1058.4	1064.4	1070.0	1076.0	1086.6	1095.5	1104.5	1115.9
214	927.4	942.1	958.0	972.1	974.5	982.2	989.5	997.5	1010.9	1023.7	1036.7	1057.5
215	611.3	609.8	608.8	608.1	606.9	608.4	609.5	611.3	608.0	604.3	602.8	596.8
216	734.7	720.9	705.7	691.1	682.7	674.3	667.6	660.2	647.7	634.2	620.4	588.5
217	625.7	639.8	656.0	669.7	674.0	682.0	688.9	696.9	710.9	725.2	739.7	768.0
218	667.3	667.1	667.0	664.5	661.7	660.7	660.3	658.5	658.0	655.5	652.5	644.0
219	558.7	548.3	538.2	531.4	522.5	512.5	506.3	501.9	497.5	489.7	480.8	463.4
220	465.7	471.4	482.6	494.1	495.5	499.0	506.1	512.5	523.5	533.7	547.3	574.3
221	556.8	551.7	543.2	529.0	526.5	522.0	522.6	521.0	516.2	510.8	502.6	487.9
222	503.5	508.8	516.5	527.2	523.4	523.2	523.7	530.6	543.8	553.9	559.8	571.9
223	530.1	524.1	516.7	513.3	507.2	508.4	508.5	506.9	502.3	492.4	487.4	480.3
224	482.7	488.9	496.8	508.4	512.6	507.9	506.1	507.0	517.0	525.8	531.5	542.5
225	557.5	558.9	560.7	559.9	558.3	560.3	561.1	564.6	563.5	563.3	564.6	560.2
226	720.5	722.6	724.8	725.9	724.7	726.4	727.4	729.1	729.3	728.8	728.2	725.8
227	783.2	785.2	787.1	788.2	786.5	788.0	789.0	790.6	790.2	790.0	789.7	782.6
228	862.1	864.3	866.6	867.5	865.9	867.7	868.9	870.5	869.8	869.1	868.5	862.7

Table CII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β											
	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 424	R: 425	R: 426	R: 427	R: 428	R: 429	R: 430	R: 431	R: 432	R: 433	R: 434	R: 435
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	758.0	759.0	760.5	759.0	756.5	756.1	756.5	755.3	756.1	754.7	752.4	745.5
230	503.3	502.5	499.2	494.6	492.3	492.3	493.3	493.9	498.1	500.5	501.8	500.5
231	847.2	832.8	816.6	801.8	793.0	784.2	777.1	769.6	755.7	740.7	725.0	689.7
232	966.2	953.1	939.2	925.2	917.0	909.2	903.0	896.0	883.3	869.5	853.8	819.7
233	845.4	860.8	877.8	892.4	895.7	903.9	911.4	920.1	934.4	948.5	963.1	988.0
234	722.1	738.4	756.2	771.7	776.1	784.5	792.3	801.4	816.7	832.1	847.6	877.7
235	577.0	565.4	555.8	547.0	544.3	536.9	533.0	528.2	524.7	516.0	507.6	486.3
236	555.8	548.1	544.9	539.1	537.0	531.9	529.8	525.7	524.5	518.8	509.1	490.5
237	509.1	507.4	505.3	502.6	501.6	502.7	502.8	501.8	502.1	500.0	495.5	487.4
238	499.3	499.5	498.9	496.1	493.7	494.1	494.9	494.7	498.3	499.4	497.8	489.4
239	493.3	496.4	497.6	494.8	492.5	492.5	493.2	493.9	495.8	495.9	494.6	488.3
240	437.9	436.8	436.2	438.7	440.9	445.6	446.4	444.9	442.5	440.7	438.9	434.7
241	489.9	485.0	478.1	469.6	466.8	465.3	462.6	461.8	464.3	467.1	461.6	448.5
242	175.3	167.0	163.5	162.5	162.0	162.1	162.5	163.7	165.1	166.8	171.8	202.1
243	259.0	262.4	265.2	265.8	265.1	265.2	265.3	266.2	266.2	264.7	261.7	254.2
244	575.4	579.5	587.8	590.5	583.6	576.2	572.8	576.0	581.3	581.9	575.9	558.0
245	542.4	542.2	541.3	543.0	542.9	547.1	548.4	548.3	541.5	537.1	534.5	532.1
246	595.7	586.6	571.3	555.3	547.1	539.8	533.6	526.5	514.4	504.3	494.8	476.4
247	567.1	558.2	549.6	544.1	536.8	528.3	523.7	517.9	513.7	503.6	495.0	472.9
248	516.3	507.3	495.4	480.6	476.4	481.0	476.3	469.9	465.4	456.3	450.7	438.1
249	454.5	457.1	470.7	476.2	481.0	491.5	489.2	485.7	492.5	502.8	512.3	535.2
250	526.8	519.4	508.0	491.6	484.3	481.3	475.4	468.3	459.6	452.0	435.9	408.5
251	387.1	381.6	375.0	373.2	369.9	367.1	364.6	359.7	360.3	353.5	350.4	336.9
252	70.3	71.4	73.2	71.8	79.2	78.9	79.5	78.4	79.5	78.0	75.8	79.2

Table CIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 407 Pi	0.0° R: 404 Pi	2.0° R: 405 Pi	6.0° R: 406 Pi
2	681.3	684.2	682.9	680.8
3	669.0	646.1	614.8	552.8
4	625.8	651.4	682.1	743.1
5	659.7	637.6	607.6	549.1
6	612.9	636.5	666.0	725.6
7	646.4	625.1	596.7	543.0
8	609.0	631.8	659.7	717.3
9	546.6	549.4	547.9	547.4
10	617.0	619.6	618.0	616.3
11	635.0	619.9	590.6	532.2
12	583.7	613.9	634.3	681.6
13	622.0	608.0	583.1	522.6
14	577.7	603.8	622.1	672.0
15	596.9	584.8	565.0	511.4
16	561.1	584.0	601.2	654.0
17	604.6	607.9	609.8	590.5
19	553.8	540.4	516.0	474.2
20	527.1	546.2	567.8	616.1
21	544.5	526.6	513.5	472.1
22	502.3	511.2	532.0	583.3
23	494.0	471.1	450.3	424.6
24	460.5	490.9	505.8	546.6
25	474.8	464.9	447.0	427.2
26	452.3	462.9	477.8	518.8
43	651.0	635.2	617.4	560.7
44	584.2	600.2	632.7	693.0
67	473.5	457.0	440.2	410.5
68	448.6	462.4	482.4	522.4
85	680.8	658.4	626.6	566.8
86	695.0	719.6	748.5	803.7
87	707.4	693.1	671.6	629.8
88	592.9	598.8	598.1	592.5
89	523.6	521.4	519.3	510.9
90	525.3	521.5	524.4	527.8
91	524.2	519.8	520.7	518.4
921	563.0	561.1	552.7	538.0

Table CIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 407	R: 404	R: 405	R: 406
	Pi	Pi	Pi	Pi
922	723.1	726.8	726.0	724.6
93	606.4	609.3	608.1	606.7
94	712.8	717.7	718.7	721.0
95	577.8	583.4	582.7	577.4
125	520.4	488.3	481.7	445.7
126	486.4	496.9	522.6	556.9
128	754.2	753.7	751.5	747.5
132	494.0	496.1	493.9	480.7
201	909.4	912.4	905.5	897.1
202	1027.5	1030.3	1023.6	1013.5
203	1106.7	1109.9	1103.8	1093.8
204	1143.5	1145.9	1141.0	1131.6
205	1127.5	1129.3	1126.0	1117.6
206	1069.0	1070.9	1068.6	1062.2
207	995.7	998.0	996.4	991.3
208	937.1	939.8	938.3	934.4
209	990.3	972.5	941.4	881.7
210	1066.5	1053.3	1027.7	977.4
211	1126.0	1120.1	1103.7	1071.2
212	1114.5	1125.1	1131.4	1144.8
213	1043.0	1060.9	1078.2	1113.0
214	950.9	974.2	999.5	1050.4
215	544.8	547.6	550.1	540.0
216	701.4	678.8	646.8	588.4
217	657.0	682.5	714.3	776.1
218	722.0	722.9	718.9	711.5
219	536.9	519.1	504.4	468.3
220	496.5	504.9	520.9	572.8
221	502.8	488.4	481.6	470.7
222	479.2	489.7	498.7	546.5
223	492.2	475.0	466.5	449.7
224	456.1	474.7	494.3	528.1
225	514.6	516.1	511.5	509.3
226	660.9	664.8	662.1	660.9
227	721.9	725.0	720.6	716.6
228	797.2	800.2	795.2	790.4

Table CIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 407	R: 404	R: 405	R: 406
	Pi	Pi	Pi	Pi
229	816.5	819.7	818.4	815.8
230	542.7	546.9	539.7	547.8
231	797.5	775.5	741.3	678.5
232	920.4	901.0	868.5	808.2
233	867.7	892.3	920.8	978.0
234	745.6	772.0	803.6	867.0
235	567.8	558.7	531.1	480.7
236	574.8	565.3	541.3	494.8
237	548.3	545.4	532.8	516.0
238	538.2	542.5	536.9	521.0
239	532.9	535.7	534.2	524.6
240	468.3	469.6	468.0	468.0
241	494.9	483.8	470.9	441.7
242	149.9	146.4	147.9	192.2
243	246.1	246.7	245.4	231.9
244	524.6	506.2	520.1	503.7
245	503.4	508.5	497.4	490.3
246	558.6	534.3	506.3	467.6
247	551.2	536.1	514.1	471.7
248	490.8	473.6	449.3	432.9
249	455.8	483.0	495.8	536.3
250	529.4	510.6	487.7	450.3
251	390.2	384.8	373.5	354.6
252	81.4	84.8	83.9	81.8

Table CIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 650.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1051	R: 1052	R: 1053	R: 1054	R: 1055	R: 1056	R: 1057	R: 1058	R: 1059	R: 1060	R: 1061	R: 1062
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	666.4	680.4	714.4	744.4	778.3	815.6	855.4	894.3	932.6	970.7	1011.3	1050.0
3	814.0	818.3	825.3	831.6	836.0	838.5	840.6	840.2	838.3	834.1	827.7	819.4
4	811.4	820.1	827.4	836.2	841.5	845.3	847.9	847.8	845.8	842.7	838.3	831.9
5	837.4	839.0	839.4	843.5	845.3	845.0	839.9	830.1	824.6	817.9	809.4	799.8
6	830.2	832.1	833.6	837.5	841.4	839.6	836.1	826.8	819.6	812.9	805.2	795.9
7	851.1	850.7	845.4	840.7	834.3	826.6	821.5	813.6	804.7	795.0	783.9	771.6
8	851.9	851.8	848.7	846.9	844.9	839.5	830.8	822.5	814.1	805.7	796.6	786.5
9	969.1	952.9	912.0	872.0	833.4	791.3	750.6	715.6	682.6	652.0	619.8	586.0
10	594.3	605.0	630.7	665.6	698.6	729.7	769.8	806.5	843.4	879.5	919.2	957.5
11	759.4	769.7	770.0	772.2	772.1	767.5	764.0	761.3	756.9	752.0	747.2	739.1
12	746.0	748.6	757.8	768.9	777.5	779.3	776.8	773.5	769.7	766.3	761.6	757.7
13	761.8	766.5	768.3	775.8	778.1	775.7	769.2	761.4	756.1	751.2	743.3	739.2
14	748.5	753.2	761.2	777.5	782.9	782.9	774.8	766.7	762.4	759.0	755.2	753.9
15	774.1	776.3	775.3	775.2	771.6	766.8	759.8	753.3	745.7	737.9	728.2	719.1
16	751.5	754.0	758.6	765.0	767.6	766.4	761.4	750.3	743.0	736.7	729.5	722.7
17	965.9	953.2	922.1	896.5	873.5	850.7	827.9	791.5	750.7	713.8	678.0	650.7
19	686.8	695.2	702.1	692.3	697.8	700.6	698.8	697.6	691.1	688.8	682.0	674.0
20	700.7	707.7	710.2	714.3	715.5	716.4	716.6	714.1	705.9	702.6	698.0	692.9
21	685.9	689.2	690.1	690.6	690.7	687.6	689.3	688.7	684.9	679.8	674.5	669.9
22	681.4	679.1	673.6	677.0	676.2	672.2	672.2	667.9	664.5	662.1	659.4	656.9
23	637.2	635.5	624.4	612.0	614.8	615.5	613.3	611.2	607.7	605.1	604.6	600.1
24	637.6	641.0	637.6	616.7	614.6	613.1	613.5	609.8	612.3	616.1	615.8	590.6
25	648.7	654.4	660.3	666.2	662.5	647.3	613.9	606.1	602.0	597.5	589.7	583.6
26	646.1	651.4	658.4	663.3	657.8	642.4	613.6	602.7	602.4	598.7	591.4	586.9
43	739.4	753.2	767.5	774.8	780.7	786.8	792.7	800.5	806.5	799.7	795.3	790.6
44	715.2	725.1	737.1	751.1	764.6	772.5	778.8	781.9	782.2	781.7	779.3	774.8
67	612.9	617.4	624.3	631.0	624.9	596.5	593.9	594.5	594.3	592.0	587.7	582.5
68	619.0	620.5	623.3	629.7	626.6	605.9	601.1	601.5	600.0	600.9	597.8	595.0
85	855.4	857.2	857.4	854.5	860.5	860.3	858.2	855.0	850.0	843.7	834.5	823.7
86	813.8	824.3	846.4	869.1	889.7	907.6	923.7	936.4	947.7	957.1	965.6	972.1
87	717.5	728.8	760.7	789.2	817.6	845.6	874.6	901.3	927.6	951.8	976.5	998.2
88	632.2	634.4	636.5	654.0	677.4	701.3	724.9	756.7	785.2	814.3	846.0	877.2
89	537.8	545.1	565.3	589.4	613.7	633.7	658.5	681.3	707.2	731.3	758.4	790.0
90	536.2	547.7	562.9	582.7	610.5	632.3	659.2	679.6	706.5	735.1	759.8	788.4
91	545.1	552.4	568.4	590.1	613.4	632.1	658.0	679.3	705.0	733.4	760.5	792.1
921	982.9	965.4	920.4	877.2	835.9	793.6	754.7	725.8	685.5	647.7	613.9	582.8

Table CIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 650.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1051	R: 1052	R: 1053	R: 1054	R: 1055	R: 1056	R: 1057	R: 1058	R: 1059	R: 1060	R: 1061	R: 1062
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	693.8	708.1	735.9	779.5	823.1	864.7	906.3	946.7	987.3	1026.9	1067.9	1106.9
93	587.8	600.0	625.7	660.6	691.5	722.0	757.6	791.1	828.6	864.7	904.3	942.8
94	685.9	698.5	743.2	781.8	818.8	856.3	895.5	934.0	973.0	1011.7	1051.9	1090.2
95	616.6	618.8	621.1	638.6	662.1	686.1	709.8	741.5	770.3	799.7	831.4	862.8
125	657.4	659.6	653.6	646.8	651.3	649.0	643.1	636.9	627.0	614.4	603.0	594.4
126	673.3	674.7	669.0	660.5	659.2	655.2	651.9	645.9	638.0	628.3	617.9	607.7
128	1120.7	1114.0	1092.7	1073.0	1054.7	1032.9	1009.8	984.0	955.2	927.8	898.7	873.2
132	544.3	552.4	562.6	584.4	599.4	618.6	636.1	645.0	652.7	667.8	687.5	717.3
201	1413.1	1402.7	1370.5	1338.1	1304.2	1266.2	1228.3	1188.7	1143.7	1101.6	1055.0	1008.7
202	1481.0	1477.7	1459.5	1442.5	1421.9	1396.5	1370.1	1343.0	1309.1	1275.8	1238.5	1202.4
203	1493.2	1497.4	1493.6	1493.6	1487.8	1475.3	1461.7	1446.9	1425.6	1400.8	1372.6	1346.1
204	1437.0	1449.0	1462.4	1479.2	1490.1	1492.7	1493.7	1493.4	1489.3	1477.2	1462.9	1449.1
205	1310.4	1328.1	1356.9	1389.9	1417.6	1438.0	1456.6	1471.7	1485.9	1490.0	1492.4	1493.9
206	1169.8	1189.1	1227.1	1267.8	1305.2	1337.1	1367.5	1394.5	1422.3	1440.4	1457.6	1471.3
207	1049.0	1068.1	1108.5	1152.2	1194.0	1231.3	1267.5	1300.9	1335.2	1362.8	1389.9	1412.4
208	969.0	987.3	1027.5	1071.3	1114.2	1153.7	1192.9	1229.7	1267.1	1299.8	1332.0	1360.0
209	1263.0	1268.2	1272.0	1277.3	1278.9	1276.4	1273.2	1266.5	1257.5	1244.2	1228.5	1211.6
210	1343.7	1351.3	1358.9	1368.8	1374.1	1373.8	1373.4	1369.1	1361.9	1349.3	1334.2	1318.5
211	1409.0	1419.2	1430.9	1445.7	1454.8	1457.1	1458.3	1456.7	1451.3	1438.7	1423.8	1408.9
212	1415.4	1426.9	1438.4	1454.3	1463.9	1466.5	1466.9	1465.8	1461.0	1449.2	1434.9	1421.3
213	1347.7	1357.0	1365.6	1377.3	1384.1	1384.2	1381.9	1378.7	1371.1	1358.3	1343.8	1329.5
214	1254.8	1261.8	1267.0	1274.8	1278.5	1276.2	1271.4	1265.5	1255.7	1242.4	1227.4	1211.6
215	978.8	961.8	918.1	875.6	834.8	791.2	747.4	712.9	681.8	647.6	612.7	582.2
216	850.0	854.3	861.9	869.4	876.3	879.9	882.8	883.3	882.2	878.9	873.3	865.8
217	851.5	857.0	865.6	875.4	882.6	886.4	888.3	887.5	884.8	880.9	875.7	868.3
218	695.8	707.5	738.8	782.6	822.1	861.0	901.2	940.4	979.8	1018.9	1059.2	1097.4
219	665.9	669.5	673.5	675.7	676.9	673.6	674.7	675.7	675.8	676.2	674.1	667.4
220	643.0	642.3	642.0	649.6	650.8	648.3	652.0	656.1	661.6	665.1	662.6	652.7
221	630.3	638.1	654.0	667.5	677.9	682.4	675.0	636.1	608.1	601.5	594.1	586.7
222	628.9	635.5	652.7	662.6	672.7	677.5	668.4	630.7	601.2	592.7	587.0	583.4
223	596.0	604.2	622.6	642.8	655.7	661.3	655.7	617.1	592.0	585.6	581.7	573.8
224	593.5	603.1	622.0	639.6	654.5	661.7	656.4	615.1	587.4	577.0	569.6	563.2
225	884.6	868.0	828.9	798.3	765.9	733.0	703.2	674.8	654.9	635.2	613.7	591.0
226	1131.6	1114.2	1070.2	1026.9	986.5	944.3	904.1	864.0	822.5	785.2	747.5	710.5
227	1209.4	1192.6	1149.7	1107.6	1067.1	1025.2	984.4	943.2	898.5	857.5	814.8	772.0
228	1310.6	1295.6	1254.6	1213.8	1173.0	1129.8	1086.9	1043.0	994.9	950.3	902.2	851.6

Table CIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 650.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1051	R: 1052	R: 1053	R: 1054	R: 1055	R: 1056	R: 1057	R: 1058	R: 1059	R: 1060	R: 1061	R: 1062
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	805.4	822.1	860.3	903.0	945.5	986.4	1028.0	1067.8	1108.3	1146.4	1185.0	1220.7
230	546.0	553.3	573.6	599.2	620.0	649.3	681.0	705.3	735.2	767.0	805.8	842.3
231	1037.2	1037.8	1035.2	1033.3	1030.1	1024.9	1018.7	1010.4	1001.0	989.3	975.6	960.8
232	1188.0	1191.1	1191.7	1193.0	1191.9	1187.3	1181.9	1173.4	1162.9	1148.7	1132.4	1115.0
233	1172.7	1176.7	1178.1	1181.7	1181.7	1177.3	1170.4	1162.5	1151.1	1137.6	1123.2	1107.4
234	1026.9	1028.5	1027.5	1028.3	1026.7	1021.4	1014.2	1005.4	994.7	983.4	971.0	957.1
235	623.3	634.3	660.1	674.4	689.1	702.0	716.1	728.4	725.6	716.0	709.4	699.2
236	574.3	588.0	618.2	643.2	675.2	697.0	717.3	736.1	745.5	755.0	764.9	772.8
237	543.1	552.1	575.7	601.4	625.6	652.8	678.8	707.9	732.7	755.9	789.4	816.3
238	542.7	550.0	569.5	593.0	615.8	641.5	664.9	701.3	731.9	759.8	790.2	819.3
239	541.6	548.0	567.2	590.6	613.2	638.0	661.6	692.7	721.9	752.0	784.8	816.2
240	532.8	537.2	547.6	549.3	564.7	578.1	589.6	614.0	638.6	664.0	696.6	729.0
241	502.4	520.5	552.4	582.0	599.6	603.4	612.1	627.2	642.6	652.8	665.3	676.6
242	274.6	274.8	257.2	242.0	227.7	214.1	201.6	190.1	181.4	174.3	170.1	175.5
243	410.5	404.9	387.8	372.7	359.0	344.9	332.3	320.2	310.4	301.6	293.0	285.6
244	950.6	938.4	904.3	867.4	819.7	752.0	696.7	659.8	633.2	612.0	596.2	583.0
245	887.0	869.1	818.4	769.8	740.1	712.0	685.6	662.0	640.0	620.9	596.6	580.9
246	688.6	692.9	692.6	693.5	694.1	691.1	692.9	682.9	673.6	671.0	667.4	665.3
247	659.3	662.5	670.2	677.1	687.0	691.3	697.2	698.0	691.7	683.1	675.7	660.2
248	676.1	676.8	679.3	677.0	641.1	625.8	623.3	615.5	612.4	607.8	600.0	582.6
249	683.3	685.5	686.1	682.5	665.2	641.8	638.0	631.0	628.5	623.7	617.1	605.6
250	475.9	491.3	527.3	563.3	596.3	622.9	645.9	662.6	673.7	677.6	674.4	667.3
251	413.4	420.4	434.7	449.6	463.8	477.4	489.9	501.6	512.0	515.4	512.3	502.7
252	81.3	80.2	83.1	99.0	94.5	98.2	102.4	104.2	116.4	116.1	125.0	120.7

Table CV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1027	R: 1028	R: 1029	R: 1030	R: 1031	R: 1032	R: 1033	R: 1034	R: 1035	R: 1036	R: 1037
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	521.7	545.8	567.3	594.3	624.0	651.3	682.6	709.7	739.5	770.7	802.5
3	626.6	632.4	637.1	642.3	644.9	646.1	645.5	643.2	638.8	634.5	628.8
4	625.0	632.2	639.0	645.9	649.8	651.4	651.0	648.4	644.8	641.8	637.9
5	641.8	642.5	642.7	644.1	643.8	640.9	637.0	632.2	625.9	620.0	613.2
6	637.1	639.0	641.0	644.6	644.4	642.1	634.8	628.7	622.3	616.9	610.8
7	651.0	647.9	644.5	642.2	637.2	632.2	625.5	618.1	609.4	601.4	592.6
8	651.9	650.3	648.9	647.8	643.5	638.5	631.8	624.4	616.7	610.1	603.1
9	726.2	696.0	668.3	640.3	608.2	578.8	550.8	526.3	501.1	476.6	451.7
10	464.7	484.5	509.8	536.1	560.8	587.7	617.2	643.1	671.3	701.1	732.3
11	584.7	588.0	589.4	590.4	588.9	586.6	584.3	580.6	575.7	570.6	565.3
12	574.5	580.5	587.9	597.2	598.4	596.8	593.9	590.3	586.1	582.2	577.7
13	585.8	587.2	589.5	593.3	591.7	587.5	583.8	579.9	575.2	569.9	564.6
14	577.0	583.1	592.0	599.6	599.9	593.6	588.6	584.6	580.3	576.9	572.9
15	593.8	593.4	593.4	593.5	589.8	584.1	578.8	572.7	565.7	558.9	550.9
16	578.1	581.9	586.2	589.7	588.7	584.1	577.4	570.2	563.6	558.9	553.5
17	727.9	705.5	687.7	671.3	653.7	636.9	608.4	580.1	550.1	525.3	505.5
19	536.4	537.8	534.8	539.5	541.8	543.2	541.9	532.5	527.7	523.4	518.5
20	538.5	540.8	544.1	550.8	551.1	550.4	545.6	542.5	537.4	533.4	530.9
21	527.1	529.2	527.4	528.2	527.0	527.7	527.5	523.9	518.6	514.2	511.2
22	520.2	517.6	519.8	519.3	516.3	516.1	513.2	509.7	506.0	504.3	502.9
23	487.3	479.1	470.5	473.6	475.1	472.3	469.7	466.2	464.1	464.4	460.7
24	488.5	485.0	471.3	467.3	466.9	468.0	465.1	465.7	468.0	469.4	452.5
25	500.8	506.4	510.8	510.1	499.5	472.8	465.8	462.0	457.1	452.2	448.1
26	497.7	503.6	507.6	505.7	494.7	471.8	462.7	461.3	458.1	452.7	449.1
43	572.7	581.5	590.4	599.3	604.7	608.3	610.9	611.3	609.7	608.4	605.6
44	554.7	566.1	577.4	588.7	595.2	599.1	601.3	600.7	599.4	598.1	595.8
67	473.3	479.3	483.6	482.3	459.8	456.9	457.1	457.5	453.8	450.9	447.7
68	475.6	477.1	481.3	482.2	466.4	462.4	462.2	460.5	460.1	458.3	456.1
85	658.7	660.6	661.9	664.3	663.8	662.2	658.7	653.8	647.4	641.0	633.8
86	632.8	649.8	666.4	683.5	698.1	709.4	719.4	726.2	732.6	739.3	745.6
87	560.5	584.6	605.3	628.2	650.8	670.7	692.1	710.0	727.9	746.7	764.8
88	487.4	507.4	518.6	534.9	553.6	569.5	594.5	616.5	638.0	662.1	687.7
89	419.7	434.5	451.6	470.6	486.7	503.0	521.2	539.0	558.3	579.2	603.9
90	420.9	432.8	447.7	470.0	486.1	504.0	521.1	539.1	560.7	580.7	603.7
91	424.8	437.1	453.7	472.0	486.2	502.9	519.0	536.4	558.0	579.0	604.1
921	741.0	708.8	679.0	649.2	617.4	590.7	565.0	535.2	503.7	478.1	454.4

Table CV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1027	R: 1028	R: 1029	R: 1030	R: 1031	R: 1032	R: 1033	R: 1034	R: 1035	R: 1036	R: 1037
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	543.9	569.1	599.0	632.2	664.7	694.3	726.9	755.0	785.5	816.6	848.2
93	459.6	479.5	504.4	529.9	554.1	579.6	607.1	632.9	660.8	690.5	721.7
94	538.3	570.6	598.2	628.0	658.3	685.9	717.0	744.1	773.8	804.2	835.4
95	471.9	491.8	503.0	519.4	538.4	554.2	579.5	601.4	623.3	647.4	673.0
125	504.2	500.8	495.4	499.0	497.8	494.1	489.5	481.7	471.4	463.3	456.0
126	518.0	514.0	506.5	506.6	504.4	502.5	498.1	492.1	483.8	476.0	468.7
128	851.4	835.8	822.8	810.2	793.8	776.4	754.6	732.8	709.1	687.9	668.7
132	424.1	432.3	447.5	460.4	474.9	487.5	495.4	500.6	511.8	525.8	548.3
201	1072.4	1049.1	1027.5	1003.3	975.0	946.7	913.3	879.6	844.7	810.7	776.2
202	1130.2	1117.6	1106.9	1093.8	1074.6	1054.8	1030.8	1004.3	976.1	949.1	922.5
203	1145.0	1143.9	1144.0	1142.4	1133.6	1123.7	1110.3	1092.6	1071.5	1051.4	1032.3
204	1109.3	1120.8	1132.4	1143.6	1146.4	1147.3	1146.0	1140.4	1129.3	1119.7	1110.3
205	1017.7	1041.3	1064.0	1087.8	1104.6	1118.5	1129.8	1137.6	1139.1	1141.9	1144.3
206	911.6	941.6	970.4	1001.4	1027.1	1049.6	1070.6	1088.2	1101.2	1115.3	1127.0
207	821.0	852.6	882.9	916.5	946.3	972.8	999.2	1022.1	1042.5	1063.6	1082.4
208	758.9	790.5	821.1	855.4	886.8	915.0	944.4	969.7	994.2	1018.8	1042.0
209	971.2	975.4	979.0	983.0	981.7	979.2	972.7	964.1	951.8	940.6	928.7
210	1034.8	1042.0	1048.9	1055.8	1056.4	1055.7	1051.5	1044.0	1032.4	1021.9	1010.8
211	1086.9	1097.1	1107.3	1117.2	1119.7	1120.9	1118.5	1112.0	1100.6	1090.3	1079.9
212	1092.0	1102.7	1113.5	1123.9	1126.5	1127.0	1125.0	1119.1	1107.8	1098.2	1089.0
213	1038.8	1046.8	1054.8	1062.7	1063.7	1062.2	1058.3	1050.6	1038.8	1028.7	1019.2
214	965.9	971.5	976.6	981.9	980.9	977.5	971.8	962.4	950.3	939.8	929.0
215	735.5	703.4	673.5	643.6	610.1	580.0	550.6	526.6	498.4	472.4	449.1
216	655.3	661.7	667.4	673.7	677.2	678.9	678.9	677.0	673.2	669.4	664.4
217	656.5	664.2	671.1	678.2	681.7	683.1	681.9	678.5	674.3	670.8	666.4
218	544.2	570.1	599.6	630.7	662.2	690.1	721.6	749.0	778.7	809.4	840.5
219	513.2	517.2	516.9	517.8	516.5	517.0	518.7	517.6	516.3	514.4	510.5
220	492.9	493.6	499.2	501.1	498.4	499.8	503.8	507.4	508.8	507.8	500.5
221	490.5	503.1	512.0	521.5	524.6	520.2	489.9	467.9	461.1	457.1	451.2
222	489.2	502.8	510.9	519.1	523.7	518.7	487.1	463.1	454.5	449.8	447.3
223	464.9	478.9	493.3	505.1	509.8	507.0	476.0	455.9	449.1	446.4	442.3
224	463.1	478.5	491.8	503.3	509.6	507.8	475.0	453.7	444.5	437.7	432.7
225	662.7	633.9	611.9	589.0	564.5	543.0	520.8	505.0	488.5	473.7	458.0
226	851.6	818.9	789.4	759.7	727.7	698.5	665.5	636.2	606.7	579.4	549.4
227	911.6	880.2	851.2	821.9	790.0	760.1	725.9	695.0	663.4	633.6	603.6
228	990.3	960.1	933.1	903.0	870.7	838.5	801.0	765.3	728.7	693.5	656.3

Table CV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1027	R: 1028	R: 1029	R: 1030	R: 1031	R: 1032	R: 1033	R: 1034	R: 1035	R: 1036	R: 1037
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	631.8	662.1	691.8	725.7	758.5	787.7	820.0	847.7	876.7	905.9	935.2
230	426.5	442.1	462.2	479.1	501.9	523.7	544.3	564.7	588.4	616.6	646.4
231	794.5	793.5	792.2	791.8	788.2	783.5	776.4	768.1	757.6	747.7	737.1
232	911.8	913.5	914.4	916.1	913.2	908.9	901.2	891.6	879.1	867.5	855.0
233	901.3	903.5	906.1	908.4	905.5	900.4	893.1	882.8	870.8	860.3	849.7
234	787.7	788.1	788.5	789.1	785.7	780.4	772.8	763.5	753.2	744.1	734.8
235	489.9	509.4	517.6	529.1	538.7	549.3	558.1	556.9	548.1	542.3	535.4
236	454.3	477.6	497.2	517.9	535.7	551.2	563.5	571.7	577.2	584.6	594.5
237	425.7	443.6	465.1	482.3	503.5	520.6	542.5	560.5	579.5	602.8	624.9
238	423.8	439.5	457.0	474.0	493.3	509.8	538.3	560.2	580.4	603.2	627.9
239	423.2	436.9	453.8	472.5	492.6	508.1	532.6	554.6	576.4	600.8	626.4
240	413.3	421.3	422.1	432.4	446.7	450.4	466.9	485.9	504.2	527.4	556.2
241	401.2	425.8	448.3	463.3	467.7	473.1	484.1	494.3	501.3	509.5	519.1
242	205.8	196.0	184.6	174.6	164.8	156.8	148.8	142.0	135.8	132.3	134.6
243	308.1	296.3	285.0	275.3	265.0	256.6	247.3	239.6	231.9	225.1	219.2
244	717.7	692.6	666.9	632.1	579.8	540.1	508.3	487.9	470.7	458.1	448.6
245	664.2	626.3	592.0	570.3	547.9	529.5	509.8	493.2	477.4	460.7	448.1
246	534.2	534.6	536.5	541.3	537.0	536.1	529.9	527.2	523.9	514.3	510.7
247	510.1	515.8	518.8	526.5	531.2	536.0	535.7	529.6	522.2	517.9	507.5
248	519.7	520.9	519.4	495.4	482.9	479.7	473.8	470.9	465.5	459.5	448.7
249	525.4	525.7	523.5	513.5	492.7	490.7	484.8	481.5	477.3	472.2	464.7
250	380.0	407.3	433.0	459.4	481.5	497.5	510.6	516.6	518.9	517.1	511.8
251	323.6	334.1	344.8	356.4	367.4	376.0	384.7	392.0	394.2	392.4	386.0
252	64.7	68.5	70.4	76.2	70.4	80.9	84.2	82.5	82.3	91.8	91.0

Table CVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1040	R: 1041	R: 1042	R: 1043	R: 1044	R: 1045	R: 1046	R: 1047	R: 1048	R: 1049	R: 1050
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	523.1	541.6	566.6	594.0	622.2	652.8	682.9	711.7	742.8	773.1	802.1
3	597.8	603.6	608.6	612.2	613.7	615.7	614.6	612.4	608.5	601.7	595.2
4	657.2	663.2	670.7	675.8	679.4	681.1	682.5	680.2	677.8	673.6	669.0
5	610.4	612.6	613.5	613.7	612.9	610.7	606.9	603.0	597.8	589.7	582.2
6	671.4	672.3	673.6	673.6	673.7	670.7	664.9	658.8	653.2	646.2	639.5
7	619.4	618.9	616.1	612.6	607.7	603.1	596.6	590.5	583.5	574.0	565.2
8	686.7	684.4	681.8	677.2	672.1	666.0	660.4	652.2	644.9	636.4	628.5
9	727.9	702.7	671.1	639.2	608.3	577.8	548.8	525.2	499.2	472.0	448.7
10	466.5	484.2	510.6	536.4	561.4	590.4	617.7	644.7	674.1	703.3	731.9
11	555.6	559.8	562.9	562.9	561.7	560.2	555.6	552.1	547.7	541.9	536.8
12	609.2	610.9	615.8	620.8	622.0	620.2	620.4	617.5	613.8	608.6	603.3
13	555.3	557.1	561.4	565.3	564.3	560.2	553.8	550.5	547.1	541.6	536.7
14	612.5	614.9	619.3	623.3	623.0	617.3	615.2	611.6	607.7	602.6	597.6
15	564.4	565.4	566.4	566.0	562.4	557.7	551.6	546.1	539.8	531.4	523.4
16	614.3	614.6	615.1	614.0	611.7	606.8	603.5	596.8	590.6	584.1	577.5
17	727.9	708.5	688.1	669.6	652.3	632.9	608.4	581.7	554.3	527.5	506.2
19	516.8	517.4	513.4	514.9	518.4	521.8	516.7	505.4	500.8	494.9	491.4
20	556.3	563.2	567.8	570.2	571.0	569.7	568.6	562.9	559.4	555.1	552.1
21	498.9	500.8	504.9	504.5	503.2	503.4	513.7	509.9	504.6	499.1	494.1
22	557.1	553.8	550.7	549.3	545.6	538.9	535.2	532.3	527.2	523.2	521.6
23	485.4	484.1	474.9	466.3	464.3	459.4	451.7	448.3	447.5	445.1	440.9
24	481.7	475.6	464.1	464.9	471.0	481.1	476.5	481.8	483.7	491.1	478.4
25	486.5	491.2	494.6	494.3	487.6	463.1	446.8	444.7	441.5	436.5	432.3
26	518.9	523.6	530.5	535.4	514.7	478.9	477.4	474.8	473.7	470.9	466.8
43	546.6	553.1	562.7	570.4	574.5	580.5	581.5	582.1	581.3	577.8	573.3
44	590.3	599.6	610.7	618.8	624.9	628.6	633.6	634.3	634.3	632.4	629.7
67	461.0	466.1	469.5	463.3	450.8	443.2	439.8	439.3	435.9	431.1	427.3
68	495.3	499.7	505.9	506.6	483.9	476.8	482.2	478.1	475.2	477.8	475.2
85	624.7	628.2	629.9	630.8	629.8	629.5	627.1	623.4	617.7	609.8	602.4
86	661.3	676.3	694.7	710.7	725.0	738.0	749.2	757.1	765.6	771.4	776.3
87	547.3	567.3	588.1	609.1	629.5	652.3	671.7	690.0	707.6	724.3	739.5
88	501.2	507.7	518.6	534.5	553.4	573.1	596.4	618.1	641.3	665.0	689.0
89	419.0	428.1	443.9	464.3	482.9	505.7	520.0	536.3	556.1	575.5	598.0
90	418.7	433.6	453.2	474.3	492.2	510.5	524.3	544.0	569.5	589.6	610.1
91	423.2	431.7	449.3	467.3	487.1	504.8	520.2	540.1	561.7	581.8	604.1
921	738.0	712.0	678.0	643.7	611.3	580.1	555.1	520.8	497.1	472.9	450.5

Table CVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1040	R: 1041	R: 1042	R: 1043	R: 1044	R: 1045	R: 1046	R: 1047	R: 1048	R: 1049	R: 1050
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	545.5	568.5	601.0	632.5	662.7	695.5	726.7	756.2	789.3	818.8	847.8
93	461.0	480.5	506.1	530.7	555.0	582.0	607.3	633.9	663.9	692.6	721.3
94	542.3	568.5	599.7	629.1	657.8	688.8	719.2	747.9	779.7	809.2	837.8
95	485.7	492.1	503.0	519.0	538.1	557.9	581.3	603.3	626.3	650.3	674.4
125	481.6	483.4	486.4	497.2	489.8	480.6	482.5	472.6	463.3	452.5	442.6
126	542.6	539.1	531.7	531.8	532.6	531.6	526.6	523.2	506.0	491.2	483.5
128	850.2	838.3	824.1	809.2	792.6	772.8	752.9	733.2	709.7	686.5	667.1
132	421.3	430.9	443.7	456.4	467.6	483.0	494.0	502.6	512.9	527.6	549.4
201	1068.6	1050.8	1027.0	1000.3	972.2	938.4	906.8	876.2	841.8	806.4	772.7
202	1126.0	1117.5	1104.6	1088.8	1070.7	1046.8	1024.8	1002.4	973.9	945.4	918.6
203	1140.5	1142.3	1141.0	1136.8	1129.7	1117.3	1104.4	1090.6	1070.1	1048.3	1028.3
204	1104.5	1117.8	1128.5	1137.3	1142.0	1142.8	1141.9	1138.8	1128.8	1117.0	1106.7
205	1014.4	1037.3	1060.5	1082.0	1099.3	1115.1	1126.8	1136.7	1139.8	1140.3	1141.4
206	909.4	937.6	967.4	996.4	1021.6	1047.2	1068.5	1088.0	1102.7	1114.2	1125.1
207	820.8	849.7	881.4	912.8	941.1	971.3	997.7	1022.3	1044.6	1063.5	1080.6
208	759.4	787.5	820.0	852.3	882.1	914.4	943.2	970.4	997.0	1019.6	1040.6
209	936.8	943.2	946.9	948.5	946.5	944.1	942.3	935.9	924.2	910.7	898.3
210	1005.7	1015.2	1021.7	1026.1	1026.7	1026.0	1026.1	1021.2	1010.2	997.0	985.9
211	1068.8	1081.0	1090.6	1098.1	1101.4	1102.1	1102.4	1098.8	1088.0	1075.2	1064.0
212	1101.5	1112.8	1122.7	1130.6	1135.3	1135.4	1131.9	1128.6	1118.9	1107.1	1096.5
213	1060.5	1068.4	1076.1	1081.5	1084.5	1081.8	1076.0	1070.7	1060.3	1048.3	1037.0
214	997.4	1002.1	1007.4	1010.0	1010.4	1005.6	997.6	990.1	979.0	966.6	954.4
215	733.1	706.8	673.3	639.3	607.1	575.5	551.0	524.9	498.0	471.5	448.2
216	623.6	630.3	636.3	641.0	643.4	646.7	647.1	646.1	642.6	637.0	631.4
217	691.5	697.6	704.8	709.5	713.0	714.2	714.0	710.8	708.0	703.0	697.7
218	543.3	564.9	597.2	627.5	657.2	688.8	719.0	748.0	778.9	808.3	836.5
219	484.2	488.7	493.6	493.2	491.1	493.7	504.3	503.8	502.1	494.9	487.0
220	531.4	528.6	528.8	530.8	528.4	521.9	520.8	525.8	528.0	527.8	524.9
221	482.0	493.6	507.5	517.7	515.2	507.4	481.2	451.4	445.7	439.7	434.5
222	500.1	509.4	519.7	529.3	541.0	530.2	497.4	477.6	472.3	468.2	464.8
223	458.0	470.4	485.5	494.8	496.8	498.5	466.1	440.0	434.7	428.8	421.6
224	473.8	485.3	500.0	506.8	512.8	516.5	493.1	463.2	461.8	455.6	453.2
225	662.2	638.2	612.6	588.2	562.1	538.2	515.0	499.9	484.8	470.7	455.0
226	852.4	825.0	792.4	759.4	727.7	694.7	662.7	634.9	606.5	577.8	548.5
227	911.6	885.3	853.7	821.2	789.0	754.6	721.8	692.6	661.8	630.5	601.2
228	988.8	964.2	934.1	901.9	869.0	831.9	796.7	764.1	726.6	690.5	654.2

Table CVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1040	R: 1041	R: 1042	R: 1043	R: 1044	R: 1045	R: 1046	R: 1047	R: 1048	R: 1049	R: 1050
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	633.6	659.4	691.7	723.8	754.7	788.1	819.4	848.8	880.1	907.7	934.3
230	427.4	437.1	458.4	479.8	501.3	523.1	544.6	566.7	591.3	619.2	646.3
231	756.0	757.5	756.4	754.4	750.2	746.3	742.2	735.8	726.5	715.2	704.5
232	876.0	879.9	881.0	880.4	876.9	872.7	869.3	862.1	849.9	836.3	823.6
233	936.6	938.0	940.2	939.8	938.1	931.1	922.1	913.0	901.8	889.8	877.5
234	827.7	826.9	826.5	824.1	820.8	813.7	805.3	795.7	786.1	775.3	764.5
235	470.5	482.8	492.9	505.8	517.8	524.8	529.5	529.5	520.3	511.8	504.9
236	445.9	464.4	483.4	501.9	516.0	527.9	539.0	550.5	555.6	561.9	563.5
237	424.8	437.2	454.8	474.2	492.9	513.7	530.8	555.6	575.3	593.9	612.8
238	423.4	432.9	449.9	468.1	490.4	513.1	534.9	553.3	575.9	598.9	621.3
239	423.5	433.7	453.5	471.0	490.3	510.4	533.8	554.1	577.0	601.2	625.2
240	403.0	405.8	414.0	424.5	435.5	447.1	466.9	485.4	505.1	530.2	554.3
241	414.4	432.3	450.3	457.4	454.4	466.7	471.1	479.2	484.7	488.5	492.5
242	207.1	202.4	189.8	177.0	165.7	156.7	151.7	148.4	147.5	149.5	151.2
243	306.6	298.4	285.8	274.0	263.6	254.0	243.8	236.3	229.7	221.7	215.2
244	717.6	698.1	672.4	640.9	587.8	537.6	521.4	490.4	473.7	459.3	447.0
245	664.0	633.2	593.6	566.3	546.3	533.4	499.5	482.9	469.4	453.2	439.9
246	509.6	511.5	514.3	517.3	513.8	514.6	506.9	504.0	500.7	486.2	481.7
247	478.6	486.0	495.4	502.6	507.2	507.8	511.2	510.1	503.6	492.6	476.0
248	501.7	501.8	494.3	476.7	464.4	469.6	450.1	445.3	443.0	436.2	426.2
249	537.7	536.3	525.9	504.8	499.9	505.3	497.5	496.2	487.5	484.6	479.3
250	348.2	371.3	402.6	432.3	455.0	471.4	489.1	499.9	505.2	505.1	501.3
251	306.9	317.5	332.3	340.8	350.9	358.3	373.3	382.1	384.6	381.8	374.2
252	68.7	66.4	70.6	74.6	76.9	81.7	83.8	83.9	85.9	93.8	90.2

Table CVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1038 Pi	Nominal β 2.0° R: 1039 Pi
2	683.9	682.3
3	644.4	616.2
4	652.3	679.7
5	635.5	608.6
6	635.8	662.4
7	623.6	598.1
8	632.7	657.6
9	548.9	547.4
10	618.2	617.1
11	582.9	557.2
12	595.2	617.8
13	580.5	557.3
14	589.7	613.0
15	577.5	552.8
16	578.7	601.1
17	608.1	607.8
19	541.1	517.9
20	546.4	566.7
21	526.5	514.7
22	514.1	533.0
23	468.3	451.4
24	465.9	475.2
25	465.5	447.1
26	462.7	475.5
43	610.0	583.2
44	603.0	631.1
67	457.1	441.0
68	462.9	480.4
85	658.0	628.0
86	720.7	746.8
87	692.2	672.1
88	596.3	596.2
89	522.1	519.4
90	522.1	523.5
91	520.8	520.5
921	560.7	553.5

Table CVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1038 Pi	Nominal β 2.0° R: 1039 Pi
922	726.7	725.5
93	607.1	606.3
94	717.6	718.2
95	581.1	581.2
125	486.3	483.0
126	499.1	523.1
128	755.4	752.7
132	496.1	493.4
201	913.6	906.2
202	1031.6	1024.1
203	1110.6	1103.6
204	1146.1	1140.3
205	1129.8	1125.3
206	1070.3	1066.8
207	999.0	996.0
208	944.1	941.7
209	972.6	942.4
210	1051.4	1025.8
211	1118.5	1101.6
212	1125.4	1130.3
213	1058.9	1073.9
214	972.7	995.2
215	548.0	550.1
216	678.1	648.3
217	682.9	711.7
218	722.5	718.3
219	518.1	504.6
220	504.9	518.9
221	486.6	479.2
222	484.5	493.7
223	472.9	464.9
224	473.2	489.5
225	516.4	514.1
226	665.1	661.9
227	725.9	721.0
228	802.0	796.3

Table CVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.30, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β	
	0.0°	2.0°
	R: 1038	R: 1039
	Pi	Pi
229	820.0	818.0
230	546.1	544.5
231	775.5	743.1
232	900.9	869.7
233	894.0	919.7
234	773.8	802.3
235	558.1	531.0
236	563.4	540.2
237	544.3	532.0
238	541.0	535.4
239	535.0	533.9
240	469.3	467.8
241	484.4	471.8
242	142.1	145.5
243	244.1	243.5
244	505.8	520.5
245	507.6	498.6
246	529.1	507.2
247	534.6	514.4
248	473.5	450.2
249	485.2	496.0
250	509.8	488.9
251	384.9	374.1
252	84.0	82.5

Table CVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 640.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 609	R: 610	R: 611	R: 612	R: 613	R: 614	R: 615	R: 616	R: 617	R: 618	R: 619	R: 620
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	594.9	605.6	636.7	673.3	699.3	731.8	768.7	808.3	845.6	885.9	926.8	965.6
3	736.4	739.7	746.8	752.7	755.3	756.4	757.3	758.5	756.5	753.4	749.1	741.9
4	738.6	744.6	761.9	773.9	770.6	769.2	769.8	770.1	767.0	765.5	763.8	759.0
5	757.9	758.7	759.9	763.4	764.3	761.8	755.5	749.4	744.3	737.9	731.3	723.0
6	756.0	757.6	762.1	765.4	766.7	763.7	758.6	751.5	744.7	737.4	730.5	722.5
7	770.1	768.5	764.3	760.0	753.1	743.3	738.0	733.1	724.9	716.7	708.4	696.9
8	776.6	776.2	776.0	774.1	769.7	763.4	753.8	746.9	737.4	730.3	724.2	715.2
9	881.4	863.3	823.5	782.1	741.2	701.1	664.6	635.0	601.8	567.7	539.3	514.2
10	524.4	534.0	561.0	589.9	618.3	651.4	684.7	721.6	757.9	795.9	834.7	872.5
11	795.5	797.5	798.2	787.8	752.7	737.3	726.1	719.6	713.2	725.1	751.5	748.4
12	769.2	776.5	783.2	780.4	771.1	747.4	718.2	707.8	702.2	712.7	743.6	730.4
13	734.6	734.8	740.9	758.9	744.6	728.8	717.1	707.0	702.2	705.3	712.8	720.8
14	711.9	714.3	723.1	743.0	736.9	723.2	708.5	697.2	688.6	689.8	696.8	712.4
15	719.9	722.3	724.8	723.0	711.6	698.0	691.5	683.3	684.1	686.5	681.6	675.5
16	692.8	696.2	703.7	705.5	696.5	681.3	671.4	656.9	659.3	666.0	664.9	660.4
17	887.3	875.5	850.9	825.9	798.2	762.3	723.5	687.6	650.0	620.1	594.1	566.9
19	600.6	600.2	600.3	602.6	605.6	607.8	605.4	605.1	599.5	598.8	593.9	588.7
20	616.3	615.8	617.1	621.3	621.9	617.7	616.2	617.5	614.8	610.9	608.4	603.9
21	586.0	588.8	594.4	592.9	593.3	597.2	598.4	601.6	606.4	601.5	592.3	589.0
22	579.2	580.3	584.9	585.3	587.8	588.5	588.7	589.6	589.3	586.9	588.1	585.3
23	529.4	527.3	530.1	535.7	538.1	537.3	537.9	535.1	535.0	533.3	532.9	528.5
24	489.4	487.2	492.7	500.4	511.2	511.9	516.3	497.9	501.9	514.1	510.1	502.1
25	574.8	575.1	568.2	545.4	524.4	518.9	519.1	519.1	516.8	513.3	511.0	506.7
26	563.8	563.0	558.3	537.0	519.0	516.8	521.0	521.1	516.5	513.0	508.6	506.0
43	710.6	724.2	752.7	743.0	743.8	751.3	758.3	767.8	767.0	768.3	768.4	766.2
44	693.6	693.1	699.8	709.4	713.9	717.1	719.8	722.4	722.1	723.7	725.6	725.9
67	533.5	533.1	519.0	505.4	508.4	510.3	509.2	510.4	508.6	508.7	507.7	507.0
68	525.5	525.7	514.5	506.4	507.0	510.7	515.6	520.1	519.9	517.7	517.8	516.3
85	773.7	774.4	774.6	772.2	777.5	776.2	774.2	772.9	768.0	763.7	757.3	747.3
86	737.9	748.1	771.4	793.0	810.5	825.8	842.0	856.7	867.0	878.4	888.9	896.2
87	644.2	654.8	681.5	713.4	736.7	761.6	788.6	816.2	841.5	868.2	894.3	916.2
88	549.1	546.2	552.3	569.3	585.5	607.9	632.8	663.0	689.5	724.7	758.1	791.4
89	447.1	457.2	478.4	497.9	516.0	536.4	561.1	588.2	617.2	644.8	672.9	700.6
90	447.6	457.8	479.3	499.1	521.1	541.1	564.0	590.1	617.2	643.8	673.0	704.4
91	455.2	463.8	483.4	498.6	514.4	533.9	559.1	587.9	617.4	641.4	672.9	703.8
921	894.9	875.5	831.1	788.8	749.4	708.2	676.9	636.5	601.2	572.0	542.1	514.2

Table CVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 640.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 609	R: 610	R: 611	R: 612	R: 613	R: 614	R: 615	R: 616	R: 617	R: 618	R: 619	R: 620
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	619.2	635.5	669.6	699.0	736.5	776.2	819.1	861.1	900.4	942.9	985.0	1024.1
93	518.6	530.1	556.8	585.2	613.1	644.9	677.5	712.5	743.7	781.5	820.2	858.1
94	611.7	624.9	659.1	697.3	737.9	772.1	810.3	849.8	887.4	928.4	969.2	1007.8
95	533.5	530.6	536.8	553.8	570.2	592.6	617.7	648.0	674.6	709.9	743.5	777.0
125	553.5	553.9	555.8	564.5	564.8	560.6	561.1	560.2	554.7	545.1	532.5	521.7
126	562.9	563.0	568.7	574.5	575.4	572.8	569.1	565.9	560.4	553.4	546.4	534.1
128	1041.3	1031.1	1008.0	981.5	951.6	917.3	885.7	853.9	822.4	795.1	769.5	743.2
132	478.8	482.6	497.9	509.7	512.7	515.7	519.6	536.8	556.1	577.9	606.4	625.6
201	1334.7	1325.1	1297.0	1264.4	1231.3	1192.3	1155.3	1116.7	1073.4	1029.2	986.3	940.4
202	1404.5	1402.2	1389.5	1370.5	1349.2	1324.6	1298.4	1272.4	1240.4	1206.6	1172.0	1134.3
203	1418.5	1422.9	1426.9	1423.3	1414.8	1405.0	1390.8	1378.6	1358.0	1334.7	1308.4	1279.2
204	1362.8	1374.5	1396.1	1409.7	1414.4	1420.5	1421.6	1425.6	1420.1	1413.1	1399.6	1382.5
205	1234.5	1251.9	1288.5	1318.7	1338.5	1361.3	1381.2	1402.2	1413.6	1424.1	1427.3	1425.6
206	1093.3	1113.2	1156.1	1195.1	1224.5	1257.2	1290.1	1321.6	1346.7	1371.5	1389.8	1402.1
207	971.1	991.3	1034.4	1076.5	1110.8	1147.4	1186.4	1223.1	1255.7	1288.7	1316.8	1339.7
208	889.0	907.6	949.1	990.4	1026.4	1064.0	1105.3	1144.3	1180.0	1217.2	1250.6	1278.5
209	1187.0	1189.8	1197.4	1202.0	1199.3	1198.2	1194.6	1188.9	1178.8	1170.2	1155.1	1135.4
210	1269.5	1276.0	1287.2	1295.4	1295.5	1297.8	1297.0	1294.0	1285.7	1278.8	1263.6	1244.6
211	1336.0	1347.4	1363.5	1375.6	1378.9	1384.5	1385.9	1386.6	1379.5	1373.6	1358.2	1340.0
212	1340.5	1349.2	1371.6	1384.4	1389.1	1394.7	1395.8	1399.0	1394.0	1384.9	1372.4	1355.6
213	1274.4	1281.0	1298.6	1309.0	1311.9	1313.6	1313.2	1313.0	1305.5	1295.5	1282.6	1265.1
214	1180.6	1185.0	1197.4	1204.2	1204.7	1203.0	1201.2	1197.3	1186.4	1176.0	1162.5	1144.9
215	890.7	871.5	829.0	786.6	746.0	699.9	669.6	635.3	599.8	569.1	540.1	513.3
216	769.5	772.7	780.4	787.9	793.0	795.6	798.3	800.8	800.1	799.0	795.5	788.5
217	776.1	781.1	792.1	800.8	806.0	808.0	809.7	810.3	807.1	805.0	801.8	795.6
218	621.5	635.5	669.0	698.6	738.7	775.1	815.1	855.7	893.8	934.9	976.3	1014.5
219	565.0	568.9	577.5	577.2	577.5	583.1	587.6	593.9	598.5	595.6	588.9	581.2
220	549.4	551.9	558.3	562.2	566.3	573.1	577.5	587.2	590.1	586.7	584.9	576.9
221	568.2	572.1	582.6	583.4	568.7	534.7	519.0	517.6	517.7	516.9	515.4	511.9
222	572.3	574.4	582.5	585.2	577.1	548.6	528.4	525.0	522.1	520.4	517.4	513.6
223	540.5	545.8	556.5	557.3	550.1	518.0	508.7	507.6	504.2	503.8	501.7	497.6
224	534.3	540.9	554.4	560.0	556.8	529.9	510.8	506.5	505.6	504.7	501.5	497.8
225	786.8	773.0	736.0	698.9	666.8	637.6	612.5	587.4	560.8	539.3	519.6	498.5
226	1047.7	1029.3	988.6	948.0	908.4	865.9	827.3	789.9	752.0	715.6	678.2	648.1
227	1126.3	1109.6	1070.0	1030.3	990.8	947.1	908.2	868.8	827.5	785.5	743.7	699.2
228	1229.0	1214.4	1177.1	1137.6	1098.0	1052.5	1011.1	967.6	921.0	874.0	828.1	776.9

Table CVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 640.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 609	R: 610	R: 611	R: 612	R: 613	R: 614	R: 615	R: 616	R: 617	R: 618	R: 619	R: 620
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	730.5	746.8	785.0	824.4	861.4	899.4	942.7	983.9	1023.3	1064.9	1105.0	1140.7
230	466.0	469.9	493.0	514.4	535.1	560.2	586.9	614.5	647.2	677.4	717.0	751.9
231	955.1	954.9	954.4	952.3	946.9	940.8	935.5	929.5	919.8	910.6	898.8	882.6
232	1110.0	1111.2	1115.1	1116.4	1111.7	1107.5	1101.7	1094.7	1083.4	1073.1	1058.1	1038.1
233	1095.0	1097.4	1104.6	1106.8	1103.7	1099.2	1095.3	1089.1	1076.4	1065.1	1052.0	1035.7
234	948.5	949.2	951.7	951.0	946.7	941.7	936.1	929.1	917.6	907.6	897.0	883.8
235	528.9	545.0	565.9	582.5	599.2	612.6	625.4	626.5	623.9	620.6	617.9	615.0
236	491.4	503.5	533.3	557.0	578.9	599.6	620.3	637.4	649.0	660.2	671.8	681.9
237	465.8	471.4	491.8	513.2	532.3	556.4	582.1	611.9	636.5	664.3	692.8	722.0
238	462.5	467.9	483.2	503.5	523.2	545.7	573.4	608.6	633.2	664.2	692.8	726.3
239	460.2	464.0	482.2	503.3	520.8	543.6	570.3	600.1	625.9	661.1	693.1	727.9
240	420.6	422.9	435.7	451.1	464.8	476.1	498.7	523.3	546.7	573.5	601.5	626.9
241	426.0	439.6	471.2	480.1	498.0	516.7	536.4	551.6	561.0	573.5	584.7	590.8
242	243.3	243.0	228.5	215.1	202.7	190.1	178.8	170.8	160.8	153.6	146.6	143.4
243	377.5	371.3	355.5	341.1	328.2	314.1	301.9	292.2	281.5	273.9	266.1	257.8
244	820.5	794.1	729.2	677.1	640.7	612.0	589.1	569.6	544.3	524.6	509.6	495.8
245	751.1	731.7	694.6	664.6	641.3	611.9	588.0	569.1	547.8	528.7	507.9	489.6
246	538.9	562.5	597.7	601.0	606.0	597.2	593.7	597.3	592.0	592.9	594.2	591.7
247	551.2	556.2	570.0	582.7	589.8	601.8	604.8	607.3	603.1	594.2	582.1	571.6
248	566.4	559.6	542.7	544.5	543.6	542.2	538.3	534.6	527.7	519.8	516.7	509.8
249	576.2	571.2	550.0	547.2	547.1	542.4	539.0	541.2	537.0	529.3	522.1	514.1
250	427.2	439.8	474.0	509.1	535.0	558.0	577.8	591.1	594.6	590.7	583.4	569.6
251	364.3	369.9	384.9	398.3	411.2	421.3	429.5	435.8	438.2	430.9	416.5	393.5
252	73.0	72.4	76.3	80.2	80.6	91.7	98.0	101.3	102.5	105.5	116.6	112.5

Table CIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-fice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 578	R: 579	R: 580	R: 581	R: 582	R: 583	R: 584
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	470.4	492.4	520.6	546.7	572.8	600.4	631.8
3	567.5	577.5	583.2	588.4	590.2	591.6	590.4
4	582.8	586.8	591.6	596.2	598.8	601.7	603.5
5	581.2	587.5	588.4	589.7	588.8	586.3	582.1
6	593.8	593.0	592.7	594.7	592.9	592.3	587.6
7	589.7	592.3	589.1	586.4	581.3	576.4	569.7
8	608.8	604.0	599.9	596.6	592.5	589.3	585.3
9	667.9	638.1	603.4	570.4	544.1	518.4	493.7
10	414.2	433.7	455.9	483.1	511.0	537.2	567.6
11	576.5	595.4	584.3	578.0	572.7	565.8	558.0
12	604.0	600.8	579.8	573.1	568.4	562.9	557.2
13	554.2	567.8	569.1	567.3	563.2	555.6	547.8
14	562.4	561.4	563.7	560.0	558.3	549.7	544.5
15	547.2	556.6	555.9	550.0	544.8	538.8	530.8
16	548.5	547.3	544.9	540.1	535.4	530.5	524.5
17	678.7	660.6	639.9	619.6	594.5	567.5	538.1
19	463.7	465.5	465.7	471.9	472.5	471.2	470.0
20	484.0	480.8	483.6	487.6	483.7	480.9	481.1
21	452.6	460.8	461.9	463.3	463.7	464.3	464.6
22	462.0	461.3	458.6	457.1	455.6	455.5	456.4
23	413.4	418.6	418.2	418.4	415.4	415.6	414.0
24	386.0	385.7	386.8	397.2	398.0	403.4	391.9
25	440.7	438.2	420.0	403.5	403.8	406.7	402.5
26	443.1	434.8	416.4	405.7	404.5	402.4	403.9
43	543.2	559.1	570.0	579.1	585.5	591.2	594.1
44	545.9	551.0	553.8	557.4	559.6	562.4	563.6
67	410.5	400.4	390.0	395.0	394.2	397.4	398.0
68	415.3	403.4	393.7	397.2	401.2	403.5	403.2
85	599.5	604.9	606.3	607.9	607.1	605.8	602.4
86	589.0	603.0	618.1	633.7	646.7	659.3	671.6
87	506.4	528.0	553.1	577.3	597.9	618.6	639.8
88	444.1	449.1	455.6	468.0	484.5	504.8	527.8
89	357.8	368.7	384.4	403.0	422.0	438.4	454.4
90	358.4	373.4	391.3	406.7	421.5	439.3	457.2
91	361.1	373.1	387.5	405.2	419.3	432.4	452.0
921	678.5	649.1	616.1	584.8	556.2	532.0	499.6

Table CIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 578	R: 579	R: 580	R: 581	R: 582	R: 583	R: 584
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	496.7	522.1	547.4	581.2	612.8	643.1	677.1
93	409.4	429.2	450.9	477.3	505.2	531.2	560.5
94	489.6	513.9	545.3	579.3	607.4	635.5	667.6
95	428.6	433.6	440.2	452.7	469.2	489.6	512.7
125	427.8	436.5	438.9	443.1	441.6	438.1	431.2
126	449.2	444.9	446.6	451.0	447.9	443.0	439.9
128	801.1	783.2	759.5	732.5	705.8	680.9	656.1
132	375.7	383.2	390.7	393.9	400.9	408.3	421.7
201	1028.4	1009.0	982.3	951.4	923.9	894.9	862.5
202	1090.0	1081.8	1065.5	1045.0	1026.7	1007.9	983.4
203	1107.0	1110.6	1105.8	1097.5	1088.7	1081.8	1066.5
204	1071.2	1087.2	1094.9	1100.7	1102.6	1108.3	1105.5
205	978.2	1004.4	1025.0	1045.5	1059.6	1078.6	1090.6
206	870.9	901.7	929.6	958.8	981.4	1008.3	1031.7
207	778.0	808.8	839.4	871.1	898.0	927.9	957.2
208	712.8	742.8	773.3	805.6	834.4	864.9	896.8
209	922.9	928.8	930.9	932.6	930.4	929.6	924.0
210	989.6	998.9	1004.7	1008.6	1008.2	1009.9	1006.1
211	1046.4	1060.4	1068.5	1073.9	1075.5	1079.9	1077.0
212	1056.5	1070.3	1076.0	1080.7	1081.9	1088.2	1084.7
213	1006.4	1015.6	1018.7	1020.9	1020.3	1024.2	1019.4
214	933.2	937.8	938.3	938.5	936.0	936.7	931.3
215	675.9	645.6	610.2	576.7	545.1	523.5	495.1
216	596.7	606.8	612.5	618.6	621.2	623.5	623.4
217	612.7	618.1	622.7	627.3	630.4	632.9	634.5
218	495.8	520.1	545.8	580.7	610.3	639.3	671.7
219	439.5	448.2	449.6	452.8	454.7	457.0	460.5
220	439.7	441.2	440.7	441.8	446.0	448.0	455.3
221	446.5	454.1	453.4	441.9	416.7	406.8	406.1
222	450.6	452.0	450.8	438.9	416.5	409.1	407.6
223	423.6	432.7	436.2	431.8	407.3	398.9	397.8
224	421.7	430.2	436.5	431.0	406.3	396.7	395.0
225	597.5	575.2	546.1	518.7	496.3	475.4	457.5
226	798.4	768.5	734.5	700.7	670.0	641.4	612.4
227	860.5	831.9	798.7	764.4	733.6	703.4	672.7
228	941.9	914.8	882.1	846.8	814.7	781.2	746.6

Table CIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Ori-	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
fice	R: 578	R: 579	R: 580	R: 581	R: 582	R: 583	R: 584
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	586.2	614.2	644.6	677.0	707.6	738.4	772.8
230	368.7	384.1	401.6	418.9	436.0	457.2	485.0
231	738.7	741.2	738.4	735.3	731.0	727.3	721.2
232	861.6	865.1	864.2	863.3	859.8	856.6	849.9
233	863.6	864.5	862.5	860.2	856.6	854.3	848.4
234	747.4	744.4	740.8	737.9	734.2	730.6	725.8
235	423.4	440.8	455.3	469.1	477.1	477.2	480.4
236	392.1	415.3	436.2	454.5	467.8	476.6	488.2
237	364.0	380.5	401.5	421.7	432.8	448.5	470.4
238	359.3	374.3	394.3	411.7	422.7	443.4	471.4
239	362.7	374.9	390.5	406.8	422.3	442.4	465.4
240	336.3	345.1	352.6	366.0	378.1	391.7	408.5
241	351.5	370.3	376.0	391.4	405.8	421.2	428.0
242	186.0	178.3	167.2	157.4	148.8	141.0	132.9
243	286.2	276.0	264.1	252.9	243.3	236.0	227.3
244	620.8	568.2	523.3	497.3	477.0	454.4	437.5
245	571.7	546.0	519.4	495.8	475.5	459.8	440.7
246	438.5	462.5	472.4	474.1	468.2	466.1	464.6
247	429.5	443.9	454.1	462.4	468.2	467.3	466.8
248	440.6	425.3	423.2	420.3	415.7	414.5	411.6
249	447.4	429.1	425.5	425.3	425.0	425.2	419.4
250	340.8	369.9	393.7	417.2	434.9	449.3	457.6
251	287.1	298.9	310.2	322.5	333.4	340.5	344.4
252	59.8	60.6	63.5	68.0	70.1	72.2	78.0

Table CX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 598	R: 599	R: 600	R: 601	R: 602	R: 603	R: 604	R: 605	R: 606	R: 607	R: 608
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	473.9	491.8	519.9	542.8	566.9	595.4	625.3	655.5	686.4	717.4	749.2
3	576.4	580.1	584.8	588.5	590.4	591.3	590.8	589.6	587.3	582.7	577.4
4	579.1	585.8	592.8	597.1	599.7	600.5	599.2	597.2	595.7	593.2	589.6
5	589.9	590.0	590.1	590.0	589.8	586.5	583.1	579.4	574.8	568.5	562.3
6	590.4	592.8	594.4	595.8	594.4	591.0	583.3	577.4	572.9	568.0	561.9
7	598.1	595.1	591.5	587.6	583.3	577.5	571.5	565.5	559.0	551.2	542.5
8	604.6	603.9	601.9	598.7	594.3	588.1	581.0	574.1	568.4	562.3	555.0
9	668.5	641.1	608.3	576.4	548.2	520.1	495.1	470.0	443.9	420.9	400.7
10	419.3	435.1	457.6	481.8	506.2	532.6	559.8	588.4	617.7	646.8	677.4
11	600.0	607.2	592.0	581.3	575.2	567.8	560.2	555.8	557.1	565.0	569.0
12	599.5	602.1	585.7	576.0	569.8	561.4	551.7	545.6	545.0	549.1	559.4
13	574.7	575.0	575.2	571.3	565.4	557.9	550.3	546.3	546.6	546.3	547.8
14	559.4	562.3	567.8	564.1	558.5	547.3	537.9	534.8	534.8	534.8	535.5
15	563.3	563.7	561.1	553.3	546.6	541.2	533.8	532.3	530.8	525.9	520.8
16	544.4	548.2	548.4	542.4	534.7	526.7	515.4	513.8	515.3	513.1	509.8
17	680.3	662.4	642.0	620.5	596.6	567.3	538.0	510.4	489.8	469.8	448.9
19	468.3	468.0	469.3	473.7	476.8	475.8	472.7	468.3	467.3	463.2	459.2
20	479.9	479.1	483.3	486.2	484.0	482.5	481.4	479.6	476.3	473.4	469.7
21	460.2	462.1	459.6	461.9	464.7	466.5	468.1	470.6	467.7	461.1	457.6
22	453.3	455.6	454.8	457.7	459.4	459.8	458.7	458.2	456.1	456.8	455.2
23	410.8	412.9	416.5	419.8	419.9	420.2	416.8	417.4	415.7	414.2	410.7
24	378.1	383.3	386.5	396.1	397.4	400.7	388.1	391.0	400.4	395.8	389.2
25	447.3	442.9	427.2	408.5	404.6	405.8	405.1	403.6	400.9	397.2	394.4
26	438.4	434.4	417.7	404.5	404.1	407.2	406.0	403.3	400.0	395.7	393.5
43	556.6	564.8	573.9	579.8	585.3	590.4	594.2	595.4	596.6	595.2	593.1
44	542.5	550.2	555.2	557.6	559.7	562.0	562.4	562.6	563.3	563.7	564.1
67	414.9	405.6	394.6	397.9	398.5	397.9	398.1	397.3	396.9	395.2	394.8
68	409.4	401.9	394.5	395.9	399.3	403.4	406.0	405.6	403.8	403.1	401.5
85	605.4	606.2	607.3	608.5	607.9	606.4	603.7	600.4	596.5	590.2	582.9
86	585.4	600.3	617.2	632.3	644.8	657.1	666.9	675.5	683.7	690.5	696.8
87	513.3	529.4	553.6	574.6	593.9	614.9	635.3	655.3	675.2	694.2	712.6
88	444.4	448.7	456.2	470.6	487.5	507.3	529.8	550.9	577.2	603.2	629.7
89	359.4	370.8	386.2	403.0	417.9	436.4	456.4	478.7	499.6	520.1	542.7
90	359.6	371.8	388.3	405.7	420.1	438.9	458.5	480.2	500.3	521.5	547.0
91	365.1	375.1	388.1	400.1	414.7	433.4	454.8	478.1	497.5	519.5	545.0
921	683.0	654.0	620.9	590.5	562.0	536.1	501.7	474.6	451.9	428.6	405.6

Table CX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 598	R: 599	R: 600	R: 601	R: 602	R: 603	R: 604	R: 605	R: 606	R: 607	R: 608
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	497.6	520.6	545.6	577.3	606.2	638.9	670.3	701.7	733.5	764.9	796.2
93	414.2	431.3	453.5	477.4	500.9	526.9	553.4	579.3	607.9	636.7	666.9
94	491.5	512.6	542.3	575.0	601.3	631.4	661.2	691.3	722.0	752.6	783.7
95	428.9	433.1	440.7	455.1	472.2	492.2	514.8	535.9	562.3	588.4	615.1
125	431.7	432.7	438.4	440.2	438.0	439.1	437.0	432.9	425.8	415.7	406.4
126	440.8	442.9	447.3	449.6	448.1	446.1	442.4	438.7	433.0	427.3	417.0
128	801.6	784.3	762.9	740.4	716.9	690.8	665.2	641.6	618.9	597.2	576.1
132	377.6	387.1	396.7	400.2	404.9	406.2	417.6	433.3	450.3	471.8	488.3
201	1031.9	1010.3	983.2	959.1	932.2	903.1	871.3	837.5	803.4	768.6	733.0
202	1092.4	1081.9	1065.7	1050.7	1034.3	1013.3	991.3	966.0	939.5	910.9	882.2
203	1108.1	1109.9	1106.2	1100.6	1095.7	1084.3	1073.1	1057.0	1038.9	1016.5	994.5
204	1071.2	1086.1	1095.7	1100.9	1107.7	1108.3	1109.5	1105.2	1098.6	1086.4	1073.8
205	977.1	1002.4	1025.7	1042.8	1061.7	1077.0	1091.1	1100.6	1107.3	1107.8	1107.6
206	868.9	899.0	929.5	954.6	980.6	1005.7	1028.8	1049.3	1066.6	1078.7	1089.3
207	775.8	805.9	838.2	866.8	895.2	925.4	952.2	978.5	1002.2	1022.6	1041.0
208	711.2	739.4	771.4	801.4	830.2	862.1	890.8	919.6	946.5	971.1	994.0
209	926.7	931.5	934.7	934.1	935.5	932.0	925.9	918.3	910.4	897.3	882.8
210	993.8	1001.3	1007.1	1008.9	1013.0	1011.9	1007.9	1001.4	994.9	981.5	967.8
211	1050.1	1061.2	1069.7	1073.8	1080.1	1081.1	1079.5	1074.2	1068.3	1055.0	1041.6
212	1051.5	1066.9	1076.9	1081.7	1087.8	1087.7	1089.0	1084.9	1077.0	1065.2	1053.1
213	998.4	1010.5	1018.7	1022.0	1025.4	1024.0	1022.2	1016.9	1008.0	996.2	983.2
214	923.9	932.4	937.1	939.0	939.8	937.2	932.4	924.6	915.4	903.4	889.9
215	677.2	648.4	614.9	583.8	551.7	526.4	497.9	470.5	445.7	422.3	400.6
216	603.4	608.1	613.5	618.6	621.6	623.6	624.3	623.9	622.7	618.7	613.8
217	609.3	616.5	623.3	628.1	631.0	632.1	631.0	628.8	626.8	623.3	618.5
218	498.8	519.0	543.5	576.0	603.7	634.8	665.4	695.6	726.7	757.6	788.7
219	445.6	449.4	448.2	450.4	454.6	458.8	462.8	466.0	464.0	459.0	452.5
220	432.2	435.6	437.0	442.2	447.1	451.5	457.5	459.5	457.4	455.7	450.2
221	447.3	452.6	453.0	442.6	420.0	406.4	403.4	403.6	403.1	400.8	398.7
222	449.4	453.7	455.3	449.5	429.4	413.0	408.5	406.9	405.4	402.4	399.4
223	426.0	432.4	434.3	431.1	410.9	400.5	398.1	396.7	394.4	391.2	388.3
224	423.8	431.8	436.2	434.6	415.2	400.5	395.2	394.1	393.2	390.1	387.3
225	598.8	574.0	544.3	519.5	501.0	480.2	459.0	440.0	423.8	408.0	392.0
226	800.3	770.8	738.0	708.0	678.3	647.8	617.0	588.2	561.4	531.1	506.1
227	863.4	834.1	801.8	772.2	741.8	710.9	678.5	647.2	617.5	587.1	554.9
228	945.2	916.8	884.5	855.2	823.1	789.9	754.5	718.2	682.3	645.8	607.2

Table CX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 598	R: 599	R: 600	R: 601	R: 602	R: 603	R: 604	R: 605	R: 606	R: 607	R: 608
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	586.0	611.2	641.8	672.8	701.7	735.1	766.0	797.1	828.1	858.2	887.1
230	371.7	384.2	401.6	419.7	437.8	459.8	480.2	505.2	529.4	557.4	586.5
231	743.7	742.7	740.8	738.1	735.0	730.3	724.1	717.0	709.4	698.8	686.7
232	865.2	867.3	868.2	865.8	864.6	859.5	852.6	843.9	835.0	822.0	807.1
233	855.7	860.2	861.1	860.5	859.0	855.0	848.1	838.8	829.4	817.8	805.3
234	740.5	741.5	740.3	738.2	735.7	731.3	724.0	715.4	707.2	697.6	687.5
235	426.4	439.9	453.6	467.3	478.5	486.7	487.4	487.4	484.4	480.2	478.1
236	394.3	414.1	433.6	452.4	467.7	485.2	495.8	506.2	514.3	521.6	531.9
237	371.6	381.5	398.2	415.9	432.6	452.8	475.4	495.1	516.3	540.8	565.3
238	368.4	375.8	391.5	407.8	424.1	446.3	473.9	495.2	519.7	542.3	569.0
239	365.9	374.1	390.3	407.1	424.6	445.4	468.1	488.5	514.4	539.4	566.6
240	333.7	339.3	350.4	361.7	369.6	385.2	404.5	423.3	443.0	463.8	484.4
241	346.4	366.6	374.2	389.4	401.5	417.0	428.4	436.7	446.0	454.3	459.8
242	182.2	179.2	169.1	159.4	151.3	143.4	135.4	128.1	122.0	116.5	113.3
243	286.4	277.6	265.8	255.7	246.4	237.4	228.5	220.3	213.9	206.9	199.8
244	618.0	573.9	529.5	500.6	481.0	463.1	445.5	426.9	412.0	399.1	387.7
245	567.0	542.8	518.5	502.1	480.5	461.7	445.0	428.9	414.2	398.2	383.9
246	449.4	469.0	478.3	478.5	470.1	466.3	468.9	463.2	462.8	462.1	461.6
247	436.5	443.7	453.8	459.6	468.4	471.6	471.9	470.7	464.7	454.5	445.7
248	436.9	423.8	423.8	423.9	423.6	420.8	416.6	411.8	406.2	401.9	396.4
249	444.7	428.6	426.1	426.9	423.7	421.2	421.4	417.9	412.6	407.2	400.1
250	347.1	368.3	396.0	416.8	434.5	452.1	462.0	465.2	461.4	454.2	443.6
251	290.4	299.1	309.4	319.7	328.0	335.4	339.1	340.6	336.6	324.7	307.7
252	58.5	66.9	60.3	63.4	73.9	78.8	70.7	83.0	84.7	85.1	94.1

Table CXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 543	R: 544	R: 545	R: 546	R: 547	R: 548	R: 549	R: 550	R: 551	R: 552	R: 553
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	469.5	488.9	515.0	540.6	567.3	598.6	626.8	658.3	687.7	719.0	748.0
3	543.5	547.3	551.9	558.0	561.4	560.2	556.6	555.9	553.9	549.8	544.5
4	604.9	610.4	615.4	620.7	623.1	629.2	632.8	631.4	627.8	625.3	620.8
5	555.7	556.1	557.0	559.5	560.6	554.7	549.1	546.5	542.1	537.3	532.1
6	618.1	618.2	617.0	618.5	617.5	619.2	615.4	609.7	603.3	598.0	591.3
7	565.0	562.6	559.7	558.5	555.5	547.2	540.3	535.9	528.7	521.0	513.1
8	633.1	629.7	624.6	621.4	616.9	615.5	611.3	603.8	596.1	589.5	582.0
9	667.9	639.5	606.8	577.1	551.0	519.0	490.3	468.8	445.1	419.8	397.9
10	414.0	430.2	452.1	477.9	504.7	534.1	560.4	590.6	618.5	648.1	676.3
11	543.3	547.6	541.3	540.7	538.5	531.8	525.2	522.5	522.8	536.8	546.7
12	636.5	632.9	620.1	606.7	598.4	592.8	590.1	583.6	577.5	575.5	569.9
13	529.0	529.2	527.8	526.9	525.6	519.6	512.6	511.1	513.3	516.2	521.3
14	597.5	598.4	601.5	597.9	590.5	580.8	576.2	570.5	564.4	559.6	552.7
15	515.1	515.2	513.7	509.1	509.0	507.9	503.0	495.3	493.7	495.3	495.7
16	582.9	582.7	579.3	574.1	567.1	561.6	557.2	548.8	540.8	533.8	524.6
17	677.9	659.0	638.8	619.8	595.3	561.4	538.7	514.7	488.9	468.2	449.2
19	446.7	445.9	446.7	453.2	456.7	458.4	451.1	446.7	443.6	439.6	434.9
20	501.8	503.7	506.2	512.7	513.4	506.5	506.9	504.9	501.5	499.5	496.5
21	437.2	440.1	441.8	443.8	447.2	446.2	444.7	446.3	445.8	440.2	436.4
22	479.1	482.1	480.4	475.6	473.8	482.2	480.4	481.7	476.5	475.4	475.9
23	395.9	397.4	397.5	399.3	398.9	402.3	398.3	398.1	398.2	396.1	392.4
24	400.3	397.5	401.3	413.4	410.4	415.1	410.0	414.2	417.4	413.4	408.2
25	432.1	429.1	415.8	399.2	397.2	394.7	389.9	389.4	385.9	382.2	378.0
26	461.6	455.5	433.4	422.5	418.8	419.2	419.6	422.9	417.4	413.8	409.2
43	517.4	525.7	534.7	541.7	549.8	558.3	559.3	564.6	568.3	569.3	567.9
44	567.6	571.0	571.8	572.9	572.0	572.5	574.9	576.2	576.3	578.6	580.2
67	399.7	392.3	383.1	386.3	387.0	386.3	383.0	382.1	381.3	380.1	376.8
68	429.7	422.6	410.8	413.0	419.5	419.8	419.3	421.7	422.8	421.8	419.6
85	571.1	572.8	574.8	578.0	579.7	574.6	571.4	569.0	565.7	559.5	552.2
86	608.8	623.9	639.0	655.3	668.1	684.9	698.2	708.4	715.2	722.6	727.4
87	495.1	510.3	532.5	555.1	575.4	597.7	614.8	634.9	653.3	671.4	687.1
88	444.6	446.1	453.5	464.8	482.4	508.6	529.7	553.8	578.7	606.0	630.9
89	360.4	370.5	382.0	399.0	415.4	439.2	455.7	476.4	494.2	515.2	535.9
90	356.5	369.0	384.0	404.9	427.3	442.9	461.3	485.1	505.7	528.7	552.9
91	360.5	370.1	384.2	400.8	420.7	439.8	458.9	480.3	497.8	521.4	544.8
921	677.0	647.8	614.3	585.2	558.5	526.9	491.5	470.0	448.3	425.9	405.2

Table CXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 543	R: 544	R: 545	R: 546	R: 547	R: 548	R: 549	R: 550	R: 551	R: 552	R: 553
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	495.6	518.0	543.6	576.5	607.3	641.3	671.7	704.9	735.1	766.7	795.4
93	408.8	425.3	447.3	473.4	499.2	527.6	553.3	581.4	608.6	637.9	666.0
94	489.4	511.3	541.7	574.8	603.3	635.7	664.7	696.4	725.7	756.6	785.1
95	429.0	430.5	438.1	449.4	467.1	493.5	514.6	538.8	563.8	591.3	616.2
125	411.2	413.5	418.8	424.3	424.9	423.4	416.4	414.1	408.5	400.9	393.6
126	468.7	467.3	465.6	466.1	462.1	468.9	464.7	458.2	450.2	441.2	433.3
128	800.2	782.0	759.4	735.3	712.8	688.6	662.4	636.8	614.9	593.4	574.6
132	373.4	378.8	386.7	390.3	398.1	407.6	416.0	432.1	449.3	472.4	488.4
201	1025.7	1003.9	978.0	953.9	929.4	900.9	867.6	832.1	799.4	764.6	729.9
202	1086.5	1074.2	1058.7	1045.5	1030.0	1011.1	986.9	960.4	935.0	906.7	878.0
203	1103.1	1101.4	1097.6	1095.7	1090.2	1082.3	1068.0	1051.8	1034.9	1013.4	990.2
204	1066.9	1076.8	1086.2	1096.4	1102.3	1106.7	1104.1	1101.0	1095.3	1083.8	1069.4
205	974.3	994.8	1017.2	1039.2	1057.7	1075.9	1086.5	1098.0	1105.1	1106.6	1103.9
206	867.1	893.6	923.2	952.0	978.3	1005.2	1026.2	1048.2	1065.6	1078.3	1086.2
207	774.8	802.2	833.5	865.3	894.6	925.2	951.1	979.2	1002.2	1022.7	1038.3
208	710.1	736.5	767.8	799.8	830.4	862.7	891.0	921.3	947.2	971.8	991.6
209	896.2	899.4	902.1	905.3	907.4	903.4	896.6	890.9	881.4	868.5	854.4
210	966.7	972.5	978.0	984.4	989.0	988.1	982.9	979.2	971.4	958.7	944.8
211	1032.1	1040.6	1049.2	1058.4	1064.6	1067.2	1063.5	1060.2	1054.7	1042.1	1027.6
212	1062.0	1071.4	1079.6	1088.3	1092.4	1097.7	1095.2	1091.2	1083.7	1072.6	1058.8
213	1021.1	1029.1	1034.5	1040.3	1040.8	1044.7	1041.2	1035.7	1025.7	1014.5	1000.7
214	954.8	960.8	962.9	966.4	963.8	965.1	961.0	953.3	941.8	930.2	915.9
215	671.9	642.6	609.4	580.6	553.7	525.5	491.3	469.4	446.5	423.3	402.1
216	570.8	576.1	581.6	588.5	593.3	592.7	592.0	592.2	591.1	587.1	581.3
217	638.5	644.3	648.5	653.9	656.5	662.6	664.9	663.3	659.3	655.7	650.0
218	493.2	513.8	539.0	572.6	602.4	635.5	664.1	695.8	725.2	756.1	784.3
219	424.9	428.3	429.5	433.3	437.7	438.9	442.2	442.3	440.0	435.7	429.3
220	454.5	460.5	461.2	461.6	459.6	470.4	477.0	481.9	480.2	479.0	474.8
221	433.8	438.4	438.6	432.9	418.1	397.3	390.4	389.8	387.8	385.2	381.9
222	463.1	469.1	468.9	460.9	435.3	422.0	426.2	423.6	421.4	419.9	416.5
223	414.2	420.8	424.4	422.7	405.4	388.7	381.9	379.8	377.7	374.0	369.4
224	433.2	439.9	444.5	443.9	424.2	412.2	413.4	412.0	409.5	409.1	406.7
225	596.9	574.2	546.4	520.0	500.4	479.6	456.5	438.9	424.0	407.3	390.1
226	798.2	768.4	736.4	706.9	680.6	650.1	616.3	586.6	560.5	530.7	505.2
227	860.0	831.1	799.5	769.7	742.7	711.8	677.0	644.3	615.1	585.0	554.0
228	940.4	912.6	881.4	851.4	823.3	790.7	753.4	714.7	679.5	643.1	606.0

Table CXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 543	R: 544	R: 545	R: 546	R: 547	R: 548	R: 549	R: 550	R: 551	R: 552	R: 553
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	584.4	609.4	639.5	671.4	702.5	736.8	766.9	799.9	829.4	859.3	885.3
230	369.6	382.1	399.1	418.0	438.7	467.7	489.2	513.2	535.0	559.8	585.7
231	708.6	707.5	706.1	705.6	705.1	697.7	690.1	683.8	676.7	666.6	654.7
232	833.3	834.3	834.4	835.5	835.7	829.5	821.6	814.3	804.3	791.4	777.2
233	888.8	891.1	889.8	890.7	886.7	885.3	880.3	871.7	859.5	847.8	834.0
234	775.9	774.9	771.4	770.0	766.1	764.0	759.8	751.2	740.0	729.6	718.0
235	411.2	422.3	438.2	452.6	462.3	462.6	457.5	459.0	455.9	452.6	446.1
236	388.0	405.3	423.8	442.6	458.4	466.3	470.6	481.6	489.6	498.5	505.0
237	363.0	373.9	391.9	411.4	430.1	448.6	464.5	489.5	511.5	532.7	554.6
238	357.7	368.7	385.3	406.3	426.4	448.8	469.3	491.0	514.5	538.3	563.1
239	364.3	374.8	388.6	403.4	421.7	445.8	465.5	488.9	513.5	539.9	565.4
240	335.0	340.2	347.0	359.9	375.1	391.0	404.3	421.7	441.4	462.1	482.0
241	358.1	367.8	374.5	387.8	397.0	410.1	415.8	421.2	427.7	433.6	436.9
242	185.4	179.5	169.4	160.7	151.9	141.2	134.3	130.2	125.8	124.5	125.0
243	285.6	275.8	264.1	254.7	246.3	236.9	225.8	218.9	212.3	205.3	197.9
244	622.0	571.9	525.7	500.0	480.9	459.4	447.6	429.1	413.4	399.7	387.1
245	572.8	548.9	524.2	505.6	487.2	467.2	442.9	429.1	412.4	397.0	383.1
246	413.0	436.4	445.5	449.6	447.3	451.2	447.7	442.6	440.4	438.1	433.8
247	418.5	424.0	433.7	443.1	449.3	449.4	448.1	442.9	436.6	427.8	419.0
248	420.5	405.2	402.3	403.0	402.6	405.3	399.8	395.8	393.2	387.7	379.5
249	461.4	445.5	445.0	443.8	439.8	436.7	436.9	432.0	426.6	424.2	416.3
250	312.6	337.4	363.6	388.1	411.1	429.9	439.0	447.2	447.3	444.2	436.3
251	278.3	286.8	299.2	310.8	320.8	327.7	331.6	330.8	326.7	315.7	296.9
252	58.7	66.4	69.0	62.9	75.5	71.1	72.4	86.3	86.2	86.4	92.6

Table CXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = -2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 554	R: 555	R: 556	R: 557	R: 558	R: 559	R: 560	R: 561	R: 562	R: 563	R: 564
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	473.1	491.3	519.7	541.7	570.6	598.7	628.8	656.5	686.2	717.3	746.8
3	600.3	604.7	610.5	613.7	616.9	618.1	620.2	618.3	614.4	611.3	607.6
4	554.2	559.9	565.5	568.8	571.2	571.7	572.3	573.5	573.5	570.4	564.4
5	616.4	616.4	617.2	615.9	615.4	612.6	611.0	606.6	600.7	595.8	590.7
6	564.5	566.5	567.9	568.4	566.5	563.2	557.7	556.2	552.9	547.9	541.0
7	626.8	621.4	617.8	612.6	606.9	601.8	597.3	590.4	582.4	575.5	568.3
8	578.3	577.3	575.8	572.0	567.3	561.4	556.7	553.5	548.7	542.3	534.0
9	668.3	640.3	609.5	576.3	544.9	516.9	492.1	473.5	451.4	429.8	407.7
10	418.6	434.9	456.0	479.8	509.2	535.7	564.6	590.3	617.8	646.9	675.7
11	632.6	636.6	627.6	613.5	604.1	595.2	592.0	587.5	582.8	579.8	574.7
12	552.2	548.9	539.1	540.8	536.5	530.4	527.2	524.9	522.8	526.9	543.3
13	607.8	608.3	608.3	603.4	594.6	584.2	580.8	576.4	570.1	564.7	559.5
14	525.6	526.1	527.8	523.5	520.9	515.8	514.7	514.0	511.8	511.5	513.4
15	595.1	594.6	592.3	584.6	575.2	567.6	564.5	558.7	550.2	541.8	532.8
16	508.0	509.3	508.6	504.5	503.1	499.8	494.3	488.4	486.3	488.4	488.9
17	680.6	662.2	642.8	620.0	590.2	560.2	534.7	514.0	492.1	471.2	446.4
19	494.5	494.5	497.8	499.3	500.4	490.8	490.6	490.4	488.0	485.5	479.7
20	463.4	460.7	464.3	464.3	464.8	470.4	463.6	461.2	459.8	457.7	449.2
21	477.4	477.7	480.0	481.2	484.9	487.6	485.4	482.3	478.4	475.9	472.0
22	436.4	438.5	437.6	437.7	441.1	440.0	440.1	444.7	441.5	438.1	437.2
23	428.2	432.0	436.6	432.8	434.5	432.9	429.6	430.7	428.9	424.6	425.5
24	363.9	367.9	369.3	375.5	379.4	378.9	364.5	367.7	382.0	377.4	372.1
25	465.7	460.1	446.0	426.4	425.7	421.4	420.2	421.0	411.7	409.6	407.5
26	423.9	422.1	411.0	394.0	388.4	384.9	389.7	388.1	386.3	380.9	377.7
43	590.7	597.8	604.8	605.1	607.0	606.5	610.5	610.3	608.9	608.2	608.1
44	520.5	528.5	534.1	538.0	543.3	548.2	553.2	556.1	557.2	558.1	557.6
67	433.7	423.8	409.5	413.5	417.8	414.5	412.6	413.5	410.2	411.5	410.9
68	396.7	386.4	379.5	381.8	381.2	384.6	388.1	388.5	388.7	388.1	382.9
85	634.5	635.4	637.0	636.8	636.8	635.4	633.6	628.7	623.1	617.8	612.0
86	563.1	576.6	592.3	606.4	620.2	631.9	642.3	652.1	661.6	669.0	673.2
87	524.0	542.0	566.2	589.1	612.6	634.1	656.6	675.3	693.8	712.7	731.0
88	432.3	446.8	456.0	470.3	490.1	508.2	527.9	552.0	575.0	601.5	627.7
89	355.2	367.3	383.0	400.5	420.9	437.9	455.1	473.6	499.7	521.6	546.7
90	358.7	373.1	387.1	399.7	415.7	432.6	452.5	471.1	493.9	517.0	538.2
91	362.4	373.1	385.1	397.1	415.7	433.0	450.0	467.9	494.8	518.1	542.0
921	684.4	656.0	625.6	595.2	566.1	542.2	507.6	482.9	460.1	435.8	412.5

Table CXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 554	R: 555	R: 556	R: 557	R: 558	R: 559	R: 560	R: 561	R: 562	R: 563	R: 564
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	496.1	520.5	544.9	575.9	609.4	640.0	672.2	701.8	732.6	763.9	793.4
93	413.5	431.0	451.9	475.4	503.1	528.6	556.7	580.9	607.6	636.4	665.2
94	489.0	510.4	539.5	572.2	603.1	631.8	661.7	689.7	719.4	749.9	779.0
95	416.8	431.3	440.6	454.9	474.6	493.1	512.8	537.0	560.1	586.8	612.9
125	455.2	455.3	459.4	462.2	458.3	459.1	454.4	446.6	437.5	429.1	421.2
126	416.8	421.0	429.6	431.3	432.4	427.1	420.9	418.5	417.3	411.0	403.4
128	802.1	784.0	762.7	738.2	711.2	685.4	656.4	632.1	609.4	589.1	570.5
132	375.4	384.1	393.9	395.9	399.5	405.8	419.4	431.3	448.7	466.7	486.0
201	1027.8	1008.1	983.3	955.3	927.6	899.5	868.7	836.6	803.5	769.7	734.8
202	1087.8	1079.2	1065.6	1046.2	1028.6	1010.1	988.7	964.7	937.7	910.1	880.9
203	1103.4	1106.5	1105.3	1096.0	1089.4	1080.5	1069.1	1055.2	1035.6	1014.2	991.1
204	1067.4	1082.7	1094.2	1097.5	1102.6	1104.1	1105.5	1103.7	1095.0	1083.3	1070.0
205	973.4	998.7	1022.5	1040.7	1058.3	1072.8	1088.1	1099.0	1103.2	1104.2	1104.2
206	866.7	897.1	927.4	954.2	979.8	1003.2	1027.8	1047.3	1062.5	1075.2	1086.6
207	774.2	804.9	836.7	867.0	896.3	923.9	952.5	976.9	998.5	1019.2	1038.4
208	709.6	738.6	770.3	801.4	832.7	861.9	892.2	918.5	943.6	968.4	990.8
209	952.4	958.1	961.9	961.4	958.4	954.4	951.6	943.1	931.1	919.8	906.4
210	1012.2	1021.8	1028.7	1029.7	1029.7	1027.7	1027.4	1021.3	1010.2	998.7	985.2
211	1056.6	1070.5	1080.1	1082.8	1086.4	1086.7	1087.9	1085.2	1075.1	1062.6	1049.1
212	1039.1	1052.8	1063.5	1067.0	1071.2	1074.5	1074.9	1071.7	1063.8	1052.8	1039.7
213	978.4	988.8	996.7	998.7	1000.2	1002.6	1001.0	994.9	987.2	977.0	963.6
214	897.6	904.6	909.1	909.5	909.2	909.7	904.9	898.1	890.7	880.9	867.1
215	678.9	648.9	616.7	583.7	548.7	522.9	496.4	474.3	452.3	429.0	406.7
216	629.9	635.4	641.7	645.6	650.1	652.1	654.1	652.4	649.4	646.8	643.2
217	582.6	589.1	595.4	599.5	602.4	604.0	604.5	605.4	604.7	601.0	594.4
218	498.7	519.8	544.7	576.5	609.7	640.1	671.1	699.1	729.0	759.8	788.6
219	462.9	464.5	468.0	471.3	475.5	479.1	480.4	478.9	477.5	476.9	469.2
220	415.2	419.9	421.5	423.6	431.7	435.5	440.6	443.9	442.0	433.7	428.6
221	461.3	467.1	468.8	459.4	437.2	427.4	421.5	420.6	420.3	416.7	415.6
222	434.8	440.0	441.7	434.1	416.0	395.0	391.3	390.1	388.3	386.2	381.4
223	436.2	444.1	450.2	446.2	422.5	417.7	417.8	412.9	410.8	408.9	404.1
224	415.1	421.6	425.8	422.5	398.4	382.5	380.3	380.2	378.5	373.2	367.9
225	597.4	572.1	542.2	514.9	495.7	471.6	453.2	438.3	417.9	402.1	387.5
226	798.3	767.8	736.6	705.8	675.5	646.3	614.8	588.0	562.5	535.0	510.5
227	861.2	831.7	800.5	769.8	739.2	709.2	676.8	647.5	618.8	589.7	560.1
228	941.5	914.0	882.8	851.3	819.5	787.8	752.8	717.6	683.1	647.5	610.8

Table CXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 554	R: 555	R: 556	R: 557	R: 558	R: 559	R: 560	R: 561	R: 562	R: 563	R: 564
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	584.8	610.8	641.1	672.2	705.5	736.7	768.5	797.1	826.6	856.3	883.7
230	366.3	377.7	396.7	417.7	442.6	467.0	489.9	509.0	534.2	560.3	585.8
231	774.8	774.1	773.2	769.4	765.4	759.7	753.5	745.9	735.9	726.3	715.8
232	893.2	895.5	897.0	894.6	890.4	884.9	879.6	870.6	858.4	846.8	833.5
233	827.6	831.1	831.9	830.0	828.0	825.9	819.4	812.8	805.4	795.7	782.2
234	709.7	709.9	709.0	706.6	704.6	700.3	694.5	689.5	684.3	676.0	664.4
235	435.4	454.7	466.0	481.0	493.1	501.1	501.0	505.3	505.2	504.4	502.3
236	397.7	417.8	439.5	460.9	480.1	496.2	506.6	519.2	531.3	543.8	553.2
237	367.1	379.3	397.2	415.5	438.6	461.0	479.3	500.4	521.3	547.4	573.4
238	367.9	376.6	392.7	410.4	431.9	452.6	471.1	496.2	521.4	549.2	573.3
239	362.3	371.5	388.2	406.7	427.8	447.8	467.7	491.3	514.0	541.2	567.2
240	332.3	339.1	350.6	361.5	373.8	393.9	408.5	420.7	442.4	470.3	484.9
241	336.2	358.9	374.2	391.2	411.2	428.2	441.7	449.1	462.0	472.9	474.5
242	182.6	179.4	170.5	160.1	150.5	139.5	132.0	127.6	122.8	120.7	120.9
243	286.7	277.4	266.8	255.2	245.6	235.8	226.8	220.9	213.5	205.7	198.9
244	620.4	575.1	531.9	501.3	480.6	457.1	438.6	427.3	413.5	398.4	385.1
245	569.9	543.0	521.7	503.2	481.1	463.2	442.3	424.1	410.6	397.1	382.6
246	482.5	498.3	509.0	508.3	498.9	487.7	488.4	486.5	485.3	483.3	481.8
247	451.2	458.3	468.5	476.3	486.7	492.1	485.9	485.7	484.2	477.9	467.1
248	458.2	445.2	443.0	439.1	438.7	431.6	427.6	424.3	419.6	414.8	409.2
249	424.8	408.2	404.2	405.5	405.3	400.4	401.5	397.8	394.5	389.7	381.5
250	378.8	399.0	421.3	439.8	459.6	470.6	478.0	476.9	473.4	462.8	447.3
251	300.9	309.8	321.9	333.1	342.3	347.0	351.4	352.4	348.2	336.2	318.6
252	57.7	66.4	69.3	62.8	77.9	70.3	73.2	82.6	82.7	82.8	90.6

Table CXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 569 Pi	2.0° R: 570 Pi	4.0° R: 571 Pi	6.0° R: 572 Pi	8.0° R: 573 Pi	10.0° R: 574 Pi	12.0° R: 575 Pi	14.0° R: 576 Pi	16.0° R: 577 Pi
2	491.8	509.0	535.3	562.9	591.0	621.1	651.5	683.0	713.3
3	497.3	497.4	500.5	501.9	501.6	501.6	500.3	498.1	493.3
4	664.5	669.8	675.2	679.5	684.1	687.2	688.5	688.3	686.6
5	502.4	501.4	501.5	499.7	496.3	494.9	491.2	487.7	482.5
6	674.3	673.8	673.6	674.1	673.1	669.3	665.4	661.0	656.2
7	506.6	503.9	501.5	498.5	492.7	488.4	481.6	474.8	467.8
8	685.3	681.6	677.2	672.4	667.9	662.5	656.2	649.5	642.4
9	625.6	599.9	570.0	540.7	511.2	484.3	461.4	438.9	415.4
10	435.6	450.6	475.4	501.2	527.0	555.6	584.7	614.1	643.2
11	495.4	488.6	486.1	480.1	465.3	466.3	458.1	452.5	454.6
12	665.7	658.6	653.3	646.1	639.8	633.0	625.3	616.0	606.6
13	472.4	470.9	474.5	473.4	468.8	461.9	453.8	449.1	451.1
14	643.1	640.7	637.8	632.0	624.7	616.9	610.0	601.6	593.1
15	462.0	459.0	456.4	456.8	457.3	453.9	448.8	442.6	440.1
16	626.8	622.3	616.4	610.1	604.1	596.8	587.4	577.5	568.5
17	645.0	623.4	594.3	561.1	531.4	504.6	481.0	457.7	435.2
19	411.7	413.1	414.9	414.4	409.0	409.1	407.9	403.9	398.1
20	554.1	556.9	558.5	555.4	552.3	548.2	548.6	547.4	546.3
21	405.5	404.5	405.9	411.2	413.3	411.5	411.0	408.7	403.1
22	523.2	522.8	522.6	523.3	525.3	523.7	522.2	516.8	514.6
23	368.9	372.3	376.8	377.1	373.1	366.0	366.0	366.8	362.9
24	439.3	437.8	446.8	446.8	452.9	449.4	454.4	456.7	455.2
25	403.4	397.5	381.7	369.3	366.3	365.4	363.8	360.3	355.6
26	496.7	479.2	459.1	456.4	454.7	454.3	454.6	453.4	451.8
43	479.4	480.9	486.3	499.1	496.6	495.3	491.1	489.0	489.0
44	618.4	620.7	624.6	626.7	630.6	634.8	638.2	641.2	643.9
67	371.3	363.2	360.0	359.7	359.9	358.1	354.7	351.6	347.6
68	461.2	448.7	450.3	452.6	455.9	456.8	459.8	459.6	461.4
85	512.4	512.2	515.2	515.2	513.1	510.0	510.2	506.6	499.4
86	670.4	685.6	702.5	717.8	733.2	747.7	760.4	771.9	780.7
87	487.5	500.4	519.3	538.1	554.7	572.0	589.3	606.1	621.1
88	450.9	457.1	473.7	491.9	511.5	534.3	556.7	581.8	606.9
89	375.0	380.6	392.6	407.0	422.8	440.5	458.6	479.6	501.3
90	372.9	383.3	404.2	427.3	447.2	466.9	488.7	515.1	537.6
91	373.4	381.0	395.7	411.5	429.2	448.7	470.3	493.3	517.3
921	637.8	613.0	583.1	554.8	523.3	496.6	472.0	447.4	423.1

Table CXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 569 Pi	2.0° R: 570 Pi	4.0° R: 571 Pi	6.0° R: 572 Pi	8.0° R: 573 Pi	10.0° R: 574 Pi	12.0° R: 575 Pi	14.0° R: 576 Pi	16.0° R: 577 Pi
922	518.6	540.8	572.7	603.8	634.7	666.4	698.0	730.4	760.8
93	430.4	447.1	471.3	496.0	521.5	549.4	576.1	604.4	633.3
94	517.4	541.5	572.8	602.5	631.9	662.7	693.6	725.6	755.9
95	435.5	441.6	458.3	476.6	496.3	519.2	541.7	567.0	592.2
125	378.0	377.7	381.0	388.7	392.8	389.5	382.0	377.5	371.5
126	512.7	510.8	509.3	506.2	504.3	501.8	495.0	486.9	476.1
128	776.4	758.6	736.6	709.4	680.0	652.0	627.4	604.6	582.6
132	371.4	373.2	379.7	389.3	400.0	410.4	426.3	445.1	464.0
201	992.4	969.9	944.3	917.7	888.6	855.2	822.7	789.4	756.3
202	1063.6	1049.8	1033.8	1015.9	996.4	973.3	948.6	922.5	895.3
203	1092.8	1089.4	1084.6	1076.5	1067.1	1055.3	1038.6	1021.2	1000.4
204	1069.2	1077.8	1085.0	1088.9	1091.1	1091.7	1086.1	1080.3	1069.3
205	989.2	1008.5	1027.8	1045.0	1059.9	1073.7	1082.1	1089.5	1091.5
206	888.9	914.8	941.4	967.0	990.5	1013.7	1033.2	1051.2	1064.5
207	798.8	826.2	855.7	884.4	911.7	939.5	965.5	989.7	1010.2
208	734.7	761.4	791.5	821.4	850.4	880.3	908.9	936.4	960.7
209	840.6	842.6	843.5	842.6	839.0	831.9	825.0	816.9	806.3
210	923.5	927.9	931.2	932.5	932.0	927.5	921.3	914.3	903.9
211	1010.8	1017.7	1023.5	1026.8	1028.6	1026.7	1020.8	1014.8	1004.0
212	1084.1	1092.5	1099.3	1102.5	1103.9	1105.6	1100.0	1093.7	1082.1
213	1058.7	1065.6	1070.9	1072.6	1072.2	1072.6	1066.5	1058.4	1046.4
214	1004.3	1008.5	1011.8	1011.2	1009.5	1007.4	1000.9	990.9	978.5
215	625.4	599.5	567.5	539.1	509.8	484.9	463.5	442.6	420.2
216	519.2	522.8	526.6	529.4	529.9	531.3	531.8	529.8	524.8
217	699.7	705.1	710.6	714.6	718.6	720.8	721.7	720.8	718.3
218	512.1	531.4	563.4	593.1	622.2	652.5	682.8	714.0	743.4
219	393.0	393.1	396.1	404.9	408.1	407.7	404.5	400.8	393.8
220	499.3	501.8	505.2	507.6	510.7	512.1	516.0	518.2	521.8
221	416.5	416.3	414.1	404.2	384.1	372.8	365.6	361.1	356.5
222	498.8	501.2	497.3	476.8	460.1	457.2	458.5	460.5	458.1
223	403.7	405.9	403.7	388.7	370.1	359.6	354.1	348.7	342.1
224	467.4	474.3	474.9	462.2	447.0	447.2	447.4	450.1	451.3
225	561.3	542.7	518.8	496.5	475.2	454.8	432.3	413.7	399.8
226	762.0	733.9	703.9	674.2	643.1	611.9	583.9	558.2	531.0
227	820.8	792.8	763.0	733.4	701.9	669.2	638.9	609.9	581.1
228	903.7	875.2	845.0	813.9	780.7	743.8	708.8	673.7	639.0

Table CXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 569 Pi	2.0° R: 570 Pi	4.0° R: 571 Pi	6.0° R: 572 Pi	8.0° R: 573 Pi	10.0° R: 574 Pi	12.0° R: 575 Pi	14.0° R: 576 Pi	16.0° R: 577 Pi
229	609.5	634.3	665.1	696.1	726.8	758.6	790.2	821.8	850.7
230	385.6	396.5	418.4	441.0	463.0	485.9	510.5	536.8	563.9
231	642.5	640.9	639.4	636.6	630.7	624.1	618.4	612.3	603.7
232	773.8	774.1	773.1	770.5	765.0	757.0	749.5	740.7	729.8
233	940.9	941.8	942.3	939.7	936.6	932.4	925.3	915.2	903.2
234	832.9	831.5	829.6	825.8	821.9	817.1	810.4	801.0	790.3
235	401.2	407.1	412.6	420.1	418.4	412.6	407.7	401.9	392.3
236	391.3	398.2	411.4	423.2	429.0	431.9	438.0	443.4	449.2
237	379.5	386.3	400.7	419.8	436.1	452.6	470.1	489.9	509.6
238	379.6	389.3	405.5	422.2	437.6	454.8	474.6	496.1	518.7
239	381.4	389.0	405.3	423.9	443.1	463.5	485.5	510.1	535.0
240	339.3	343.6	354.6	368.6	383.9	400.5	416.9	435.2	455.2
241	368.8	369.1	375.6	381.6	383.4	381.8	384.9	388.1	387.7
242	177.6	177.6	173.0	169.2	167.5	167.1	162.3	158.1	154.3
243	263.7	256.8	246.8	237.0	226.0	215.4	206.4	198.9	191.3
244	555.2	522.3	496.2	472.8	451.9	436.3	421.5	406.9	392.1
245	540.7	521.8	498.7	478.6	459.6	438.0	422.6	408.9	392.1
246	390.1	407.8	413.2	412.0	405.1	401.5	407.1	402.3	399.6
247	394.7	395.7	402.3	411.4	412.4	407.3	399.7	390.3	379.7
248	378.6	374.8	377.4	378.7	377.9	373.1	367.8	364.2	359.7
249	485.3	482.0	481.6	479.1	477.9	473.4	467.5	462.4	460.7
250	287.6	305.0	335.4	359.0	379.8	399.0	410.8	419.7	421.8
251	274.3	281.1	292.2	301.6	307.9	312.0	313.2	312.0	303.0
252	67.5	64.1	66.7	79.2	71.2	74.1	86.4	88.6	88.0

Table CXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 585	R: 586	R: 587	R: 588	R: 589	R: 590	R: 591	R: 592	R: 593	R: 594	R: 595	R: 596	R: 597
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	569.1	569.3	569.2	570.2	569.8	570.4	570.9	571.0	570.6	570.4	570.1	569.1	566.7
3	674.8	646.6	631.7	616.6	602.8	596.8	590.6	584.6	577.6	564.4	551.6	538.5	511.4
4	512.9	536.0	550.5	569.6	586.1	594.3	600.6	606.7	612.5	625.6	638.6	651.3	681.4
5	674.5	646.3	631.1	615.5	601.7	595.8	589.6	583.9	576.9	563.7	550.8	538.1	510.8
6	508.0	531.4	546.2	565.3	581.6	589.0	594.7	600.6	606.3	619.6	633.0	646.0	676.1
7	665.0	637.5	622.6	607.1	593.8	588.0	582.1	576.5	569.8	557.5	545.4	533.5	508.5
8	508.9	531.6	546.4	565.3	581.3	588.7	594.0	599.6	605.3	618.1	631.3	644.2	673.8
9	538.0	540.2	541.9	543.0	542.8	543.3	544.5	546.3	546.9	548.1	547.9	546.4	544.1
10	507.6	507.2	507.1	508.9	508.7	509.3	510.2	510.4	510.0	510.1	510.2	509.4	506.3
11	647.4	628.8	618.2	603.6	588.4	582.1	574.0	565.7	557.9	544.9	531.7	518.2	486.1
12	482.8	503.4	517.5	534.5	551.6	560.7	569.4	577.4	582.9	598.0	614.4	627.2	648.3
13	636.1	619.0	608.4	595.6	580.6	573.6	564.5	554.9	546.4	534.1	522.3	510.2	483.2
14	473.7	491.4	504.0	519.6	537.3	547.7	558.8	568.6	574.8	590.0	603.9	615.0	634.3
15	616.5	597.7	587.6	574.6	559.7	553.4	545.4	536.9	529.3	517.4	503.6	490.0	461.9
16	450.0	470.2	484.7	501.3	517.2	525.8	534.3	542.9	548.5	565.2	580.1	591.6	611.9
17	567.4	580.2	586.7	589.3	593.0	595.1	594.6	594.9	593.2	592.4	592.0	584.2	565.2
19	547.5	524.0	512.9	500.8	487.0	479.9	477.4	472.7	467.0	456.5	447.7	439.3	420.3
20	428.9	447.1	454.8	463.9	472.4	478.8	483.7	488.9	495.7	508.6	521.6	531.8	556.2
21	525.1	505.3	495.2	486.0	477.6	472.0	465.4	460.0	455.9	448.2	440.2	432.4	418.3
22	404.5	418.5	427.8	439.5	449.8	453.3	460.0	464.5	468.8	475.3	483.8	493.4	519.0
23	468.8	452.6	440.9	433.5	424.5	423.5	419.4	414.8	411.0	405.5	399.5	388.0	375.7
24	351.6	360.0	369.3	377.6	387.3	394.2	397.8	402.5	403.7	408.8	417.2	425.3	443.8
25	456.4	439.7	430.8	425.1	416.3	411.2	404.2	402.7	400.3	391.1	387.3	379.8	367.8
26	363.2	371.8	378.4	387.5	396.5	399.1	404.1	408.5	412.9	421.4	428.8	436.4	457.7
43	647.7	627.3	616.6	606.6	597.0	592.0	585.9	578.6	571.1	557.2	543.7	530.2	514.2
44	496.9	518.5	530.0	542.0	551.2	555.9	560.6	564.6	566.2	572.1	584.4	600.7	628.9
67	447.3	432.6	424.7	417.6	408.3	403.0	398.1	396.2	391.5	382.3	378.4	371.8	357.8
68	359.2	370.0	375.4	380.4	391.6	394.9	400.0	403.1	408.0	417.1	424.6	432.6	449.8
85	697.3	667.1	651.8	635.5	620.9	614.3	607.5	600.9	593.6	580.0	567.2	553.4	523.7
86	566.4	590.2	603.3	619.2	633.2	640.6	647.1	653.6	659.2	671.0	682.1	693.6	720.3
87	646.8	630.0	620.8	612.2	603.6	600.1	596.5	592.6	588.2	579.6	571.0	563.1	544.9
88	484.1	488.9	489.2	490.5	491.3	491.7	491.1	490.0	488.8	487.1	487.4	490.0	495.8
89	416.8	417.7	419.0	420.8	421.2	421.4	420.4	419.9	418.7	415.5	413.8	413.6	410.5
90	411.4	413.0	413.2	415.4	419.5	421.4	422.6	422.2	422.4	421.2	420.8	421.5	425.1
91	414.1	413.2	413.4	415.9	416.8	417.8	418.1	417.9	417.3	417.3	418.1	417.5	417.0
921	549.6	551.3	553.8	563.1	562.8	562.1	557.5	553.7	552.4	554.1	554.0	557.6	556.3

Table CXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 585	R: 586	R: 587	R: 588	R: 589	R: 590	R: 591	R: 592	R: 593	R: 594	R: 595	R: 596	R: 597
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	605.6	606.8	606.9	608.0	607.4	608.1	608.9	609.0	609.0	609.1	608.8	608.0	605.5
93	500.5	500.5	500.4	502.2	502.0	502.7	503.7	503.7	503.5	504.3	504.5	503.7	500.2
94	597.5	599.4	600.3	602.2	602.8	603.8	604.8	605.1	605.3	605.9	606.3	606.1	605.1
95	470.2	473.6	473.9	475.2	476.0	476.4	475.8	474.8	473.5	471.8	472.1	474.7	480.6
125	499.4	481.2	468.9	458.6	450.3	444.7	438.3	436.6	434.9	425.4	416.8	409.1	393.2
126	393.9	409.1	417.7	429.4	438.8	445.3	447.5	451.0	453.5	461.1	470.8	478.5	503.4
128	711.1	713.3	710.8	710.9	713.3	714.9	715.4	715.2	714.5	713.4	711.0	708.9	710.3
132	390.5	394.6	396.8	398.8	399.8	402.6	405.1	405.0	406.2	403.2	402.3	401.2	398.2
201	920.6	923.3	925.6	926.9	928.9	930.7	930.6	931.9	931.6	930.0	929.7	927.4	920.6
202	1020.9	1024.8	1025.8	1027.8	1030.2	1033.9	1033.9	1035.2	1035.2	1033.8	1032.7	1029.9	1019.2
203	1081.0	1085.5	1085.2	1088.1	1090.5	1095.1	1095.7	1097.0	1097.0	1096.8	1095.1	1091.5	1079.3
204	1094.9	1099.2	1098.4	1101.0	1103.0	1108.2	1108.6	1109.6	1109.4	1110.2	1107.9	1103.5	1091.9
205	1049.3	1054.7	1054.6	1056.4	1058.6	1063.4	1063.6	1063.8	1063.5	1064.8	1062.7	1058.6	1048.9
206	971.1	976.6	977.1	977.7	979.8	982.8	982.6	982.7	982.1	982.9	981.6	978.6	971.0
207	887.8	892.7	893.6	894.1	895.8	897.5	897.4	897.2	896.6	897.0	896.3	894.2	887.7
208	825.2	829.1	829.9	830.7	831.7	832.7	832.8	832.5	831.8	831.8	831.5	829.9	824.2
209	1006.0	980.9	969.0	956.1	947.1	941.4	935.0	928.8	922.1	908.8	893.9	878.1	845.8
210	1065.6	1046.5	1037.2	1027.3	1021.1	1018.5	1013.1	1008.2	1003.6	992.3	979.2	964.9	935.3
211	1101.5	1093.6	1088.3	1084.2	1081.8	1083.7	1080.5	1078.4	1076.1	1070.4	1062.1	1051.7	1029.6
212	1041.2	1057.2	1061.7	1070.3	1077.3	1083.7	1088.9	1092.0	1094.2	1100.9	1104.8	1106.1	1105.9
213	950.9	975.9	985.8	999.5	1011.2	1018.2	1027.1	1032.2	1037.0	1048.0	1057.2	1064.5	1076.3
214	847.0	876.9	891.5	908.6	923.6	931.5	941.5	948.7	955.0	968.7	982.0	993.8	1015.7
215	555.2	552.5	549.6	546.8	544.7	544.9	546.8	549.7	551.0	549.1	545.4	543.3	541.0
216	708.9	679.7	664.7	649.0	634.6	628.3	621.6	615.2	608.0	594.7	582.0	568.0	538.0
217	544.8	571.1	585.2	602.2	617.9	625.5	632.2	639.2	645.7	659.4	672.9	686.2	717.3
218	611.8	610.5	609.4	609.0	607.4	607.5	607.7	607.1	606.3	605.1	603.8	601.7	596.7
219	514.4	493.1	483.3	475.4	467.4	461.5	455.3	450.7	446.5	439.0	431.7	425.1	410.5
220	398.2	411.7	420.6	430.6	439.6	443.0	448.4	453.0	456.5	461.7	468.2	476.8	502.8
221	474.3	460.2	450.3	436.9	424.8	421.5	415.5	414.9	412.9	412.1	409.0	404.3	398.0
222	397.1	403.5	408.3	413.1	415.1	419.6	423.9	430.4	433.6	437.4	444.9	453.9	475.2
223	464.8	449.1	436.8	422.3	412.0	406.9	406.7	402.0	402.1	398.6	392.5	389.2	382.7
224	379.0	384.9	389.8	395.6	401.5	404.8	410.5	412.8	417.7	426.9	433.9	442.8	463.7
225	485.1	485.0	489.5	493.5	495.8	497.8	498.2	499.9	501.6	501.5	496.6	492.3	492.7
226	666.8	670.6	673.2	674.7	675.4	675.7	675.9	677.2	677.2	677.3	676.9	676.4	676.8
227	731.8	734.7	737.2	738.5	739.6	739.9	739.8	740.8	740.4	740.0	740.4	739.6	736.1
228	811.5	814.5	818.1	819.3	821.2	821.8	821.8	822.9	822.5	821.4	821.9	820.5	817.8

Table CXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β												
	-6.0°	-4.0°	-3.0°	-2.0°	-1.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 585	R: 586	R: 587	R: 588	R: 589	R: 590	R: 591	R: 592	R: 593	R: 594	R: 595	R: 596	R: 597
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	700.5	702.5	702.9	704.0	703.8	704.4	704.7	704.5	704.1	704.0	703.7	702.6	698.4
230	448.4	446.0	444.8	443.6	441.8	442.0	442.4	443.0	443.3	444.6	446.8	447.3	447.0
231	824.7	794.9	780.1	763.9	749.1	741.6	734.1	726.7	718.7	704.1	689.5	674.8	642.9
232	942.9	915.1	902.3	888.3	877.3	870.6	864.0	857.0	849.7	836.0	821.0	805.8	774.4
233	765.4	794.6	810.3	827.7	843.5	851.6	860.7	868.8	875.4	889.6	904.3	917.8	944.5
234	638.7	667.3	684.3	703.5	720.2	728.7	736.6	745.4	752.5	767.4	782.6	797.6	829.4
235	531.9	511.1	501.3	492.3	486.2	484.1	479.1	474.0	469.6	461.7	453.2	443.3	425.7
236	505.4	493.3	486.4	479.3	474.4	471.7	469.4	466.8	463.8	457.4	448.9	440.6	427.8
237	448.5	444.4	442.0	439.6	437.8	437.1	436.5	435.3	433.8	430.6	428.9	427.1	424.1
238	438.8	436.0	434.3	432.8	428.9	428.4	428.2	428.0	427.2	428.7	430.6	430.3	425.9
239	430.2	430.2	428.9	428.9	429.0	429.2	429.0	428.5	427.3	425.5	425.4	425.3	427.3
240	377.0	374.8	374.4	374.1	372.0	371.6	371.7	371.3	369.4	368.3	369.1	369.0	370.2
241	418.1	414.2	410.9	411.4	406.7	405.6	403.4	403.9	400.2	398.2	394.1	390.0	378.7
242	166.8	155.2	149.7	147.4	145.9	145.9	145.2	145.7	146.0	147.4	147.9	148.9	162.2
243	234.9	236.8	239.7	243.2	243.7	244.0	243.8	244.5	244.1	244.6	243.2	239.8	234.5
244	470.3	474.4	478.5	479.0	477.3	478.6	477.4	477.9	479.4	480.2	477.3	476.9	474.7
245	474.8	479.9	480.4	479.7	477.9	476.8	477.2	478.8	479.6	481.9	484.7	484.4	476.0
246	553.8	525.0	510.9	498.1	486.8	477.8	468.7	465.0	459.3	448.2	439.3	430.9	411.4
247	527.9	509.4	497.4	487.6	482.4	478.8	470.3	462.6	457.0	451.4	444.3	435.2	419.4
248	474.0	455.6	446.7	437.8	427.9	427.1	423.4	418.5	411.8	407.1	402.2	392.2	378.9
249	377.3	386.3	395.1	403.8	414.1	419.3	423.3	429.5	431.9	438.8	446.7	457.7	475.9
250	502.1	481.8	470.1	458.8	447.0	440.3	437.3	430.8	426.0	413.9	403.2	389.3	362.5
251	360.1	350.7	344.2	341.6	337.6	334.9	329.7	328.6	326.1	319.9	317.1	312.8	305.6
252	71.3	74.1	75.0	76.3	76.2	76.7	77.0	77.0	76.6	76.4	76.4	75.5	71.6

Table CXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 568	R: 565	R: 566	R: 567
	Pi	Pi	Pi	Pi
2	630.0	626.7	628.3	624.1
3	619.8	589.8	560.6	503.6
4	572.1	598.9	627.0	685.5
5	610.5	581.7	553.1	496.9
6	557.3	582.7	609.8	667.4
7	596.5	569.3	543.1	489.3
8	556.4	580.4	604.9	660.0
9	490.5	492.4	485.7	479.6
10	566.0	561.0	562.0	558.4
11	591.5	558.9	529.1	468.0
12	527.1	551.0	582.7	630.5
13	577.9	547.2	520.1	465.1
14	514.6	537.2	570.0	615.0
15	563.9	532.3	505.3	454.6
16	493.7	514.5	550.7	594.5
17	533.8	535.7	535.8	501.8
19	490.2	471.3	452.7	412.3
20	462.8	481.2	502.4	546.9
21	484.5	467.8	448.9	413.4
22	440.4	458.6	475.6	521.9
23	429.1	416.1	398.9	365.3
24	365.0	386.7	404.5	446.3
25	420.7	404.3	391.1	365.3
26	389.6	405.8	417.7	453.1
43	610.2	593.6	564.1	497.0
44	553.0	561.9	570.6	633.3
67	412.4	397.5	384.1	358.2
68	388.0	406.1	416.4	455.7
85	633.4	602.7	573.5	510.7
86	642.3	667.1	694.0	746.8
87	657.6	635.7	617.9	574.9
88	528.9	531.4	531.7	536.9
89	456.0	457.5	457.4	443.0
90	453.4	459.2	462.2	468.7
91	450.7	456.5	460.7	452.0
921	505.8	497.2	486.1	491.0

Table CXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 568	R: 565	R: 566	R: 567
	Pi	Pi	Pi	Pi
922	673.4	670.6	671.8	667.4
93	557.9	553.7	553.9	550.8
94	663.0	661.9	665.2	664.6
95	513.8	516.3	516.6	521.8
125	453.3	435.7	419.8	389.5
126	422.0	441.8	458.7	497.9
128	654.9	664.2	659.7	649.7
132	419.9	418.3	417.2	411.7
201	866.3	870.1	863.2	852.5
202	987.0	990.7	983.3	971.8
203	1068.1	1072.3	1064.5	1053.7
204	1105.4	1109.0	1101.3	1090.5
205	1088.8	1090.7	1084.6	1073.0
206	1028.8	1028.4	1024.7	1013.5
207	953.8	951.8	950.2	939.6
208	893.5	890.7	890.5	880.8
209	950.6	924.8	896.5	831.4
210	1026.8	1006.9	982.0	926.5
211	1087.7	1078.9	1061.7	1025.7
212	1074.7	1088.4	1091.5	1104.2
213	1000.1	1021.7	1038.6	1071.4
214	903.8	931.9	955.4	1005.9
215	495.1	494.5	487.6	480.1
216	654.1	623.3	594.5	532.8
217	604.0	630.6	660.1	719.4
218	672.4	666.4	665.4	655.2
219	480.0	462.6	445.0	408.4
220	440.8	457.9	472.8	510.9
221	421.1	402.7	392.4	371.2
222	391.7	407.8	420.6	454.7
223	417.1	396.9	383.0	358.5
224	380.4	394.7	410.2	445.4
225	451.9	456.0	450.9	449.9
226	612.7	615.2	612.0	608.4
227	674.8	677.0	672.5	666.1
228	750.5	753.7	749.4	741.8

Table CXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 568	R: 565	R: 566	R: 567
	Pi	Pi	Pi	Pi
229	769.8	766.2	767.0	759.9
230	490.3	481.9	489.7	489.7
231	753.0	722.9	692.0	624.1
232	878.9	851.5	821.9	756.4
233	818.4	847.5	874.7	930.9
234	693.7	723.4	753.2	815.0
235	501.5	486.8	458.9	412.4
236	507.4	495.5	472.7	432.5
237	480.0	477.0	468.3	456.1
238	471.9	476.4	472.3	458.2
239	468.4	470.0	468.3	466.7
240	408.9	406.6	406.5	403.8
241	442.1	428.3	416.1	382.4
242	133.1	131.2	129.5	156.2
243	226.4	226.7	224.7	212.3
244	438.0	443.2	443.0	433.2
245	441.4	443.2	440.2	433.3
246	488.1	468.4	449.3	401.9
247	485.2	471.2	451.6	407.8
248	426.8	415.7	399.6	372.3
249	401.3	421.2	432.5	471.6
250	478.2	461.8	442.1	401.7
251	351.6	339.3	332.3	312.7
252	74.6	71.0	72.4	75.4

Table CXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 640.0
Upright, Pressures in psf

Ori-fice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1063	R: 1064	R: 1065	R: 1066	R: 1067	R: 1068	R: 1069	R: 1070	R: 1071	R: 1072	R: 1073	R: 1074
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	597.2	605.5	636.0	673.5	701.7	735.2	771.0	809.9	847.4	884.3	926.3	963.7
3	737.9	740.5	747.5	753.2	757.0	759.4	759.3	758.5	756.4	752.0	746.6	739.8
4	740.0	745.7	756.2	763.8	768.2	771.8	771.6	770.0	767.4	764.6	762.3	757.5
5	758.6	759.2	760.4	763.1	763.9	764.3	758.1	749.0	743.6	736.3	728.5	720.7
6	757.5	759.0	762.8	765.3	768.0	766.6	760.2	749.3	741.3	734.6	728.9	721.3
7	771.1	769.9	765.7	760.4	754.4	746.3	739.9	732.6	724.9	715.8	705.8	694.9
8	777.7	777.4	776.7	774.1	770.8	766.3	755.5	746.2	737.2	729.1	721.7	712.6
9	880.9	864.6	824.7	782.1	740.6	702.2	664.7	632.3	599.9	566.1	536.7	513.1
10	526.4	533.3	560.0	589.7	620.4	654.9	686.8	722.4	758.7	793.4	833.1	869.4
11	678.8	684.2	690.7	692.0	687.0	683.5	681.4	678.8	675.3	672.7	670.7	664.3
12	661.5	662.0	671.3	677.5	683.6	686.2	685.0	681.5	680.5	678.2	675.4	670.9
13	680.3	680.4	683.9	690.6	690.7	688.2	683.2	676.6	672.4	669.4	665.2	662.8
14	666.0	668.8	675.6	685.5	686.6	686.5	680.9	673.7	673.1	671.5	669.7	667.9
15	695.5	695.3	694.0	691.2	683.5	677.5	673.9	668.6	663.0	656.0	648.3	643.4
16	671.0	672.7	675.7	676.2	671.7	666.4	662.2	653.3	650.9	647.7	643.4	640.7
17	887.9	877.0	851.9	826.4	798.6	765.1	724.1	686.2	649.8	621.2	594.7	570.5
19	605.8	610.0	613.9	606.0	608.7	611.8	607.8	605.4	598.0	595.9	590.1	586.8
20	621.4	619.5	616.5	626.0	626.4	624.4	622.6	623.6	616.5	609.9	606.8	603.7
21	590.5	593.8	596.4	594.0	595.5	599.6	601.2	603.5	604.2	599.3	595.2	592.0
22	582.9	585.0	589.1	587.1	589.9	593.1	595.1	593.5	591.0	588.3	591.0	591.4
23	531.6	530.4	533.4	539.9	543.9	541.2	540.4	537.2	536.4	532.5	533.0	528.6
24	496.4	495.1	500.8	503.1	515.3	515.0	511.2	510.4	511.4	512.2	511.7	504.4
25	576.8	577.5	570.9	549.0	525.8	520.7	522.6	521.3	517.7	513.3	510.4	507.0
26	565.0	564.5	558.4	538.2	521.2	520.9	524.4	522.0	517.9	513.9	508.2	505.7
43	662.7	668.9	686.2	692.0	697.4	704.3	708.4	716.5	726.4	722.2	717.6	713.3
44	638.0	644.2	659.3	671.1	680.8	689.0	692.2	692.5	693.9	694.9	696.5	695.8
67	534.9	533.9	523.0	508.0	510.6	512.6	511.3	512.2	510.8	508.8	507.6	507.2
68	525.5	525.8	516.7	506.5	508.9	515.2	517.3	521.4	520.7	517.9	516.7	515.8
85	774.8	775.7	774.8	772.4	778.4	778.8	775.4	772.4	767.8	761.9	754.7	745.5
86	740.1	749.1	771.8	793.0	812.1	829.1	844.1	857.3	868.3	877.5	887.9	894.9
87	646.5	655.0	681.4	713.8	739.2	765.0	790.8	817.6	842.8	866.3	892.9	914.3
88	550.1	547.2	552.8	570.9	587.5	611.3	636.1	664.4	691.5	724.8	757.6	790.5
89	452.2	460.1	479.8	499.6	519.5	539.9	563.7	590.4	618.8	642.3	673.4	697.7
90	453.5	461.4	481.0	500.0	525.6	545.9	566.5	592.2	619.7	643.7	674.9	703.9
91	458.9	465.0	483.3	499.5	517.9	537.5	562.0	590.5	620.3	641.9	674.9	702.4
921	895.1	878.0	833.7	789.9	749.8	710.2	677.5	634.6	600.3	571.5	540.6	513.9

Table CXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 640.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1063	R: 1064	R: 1065	R: 1066	R: 1067	R: 1068	R: 1069	R: 1070	R: 1071	R: 1072	R: 1073	R: 1074
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	621.6	636.3	669.6	699.0	738.5	778.7	820.6	862.7	902.5	941.0	984.6	1022.4
93	519.7	529.5	556.0	584.6	614.3	647.4	678.6	712.4	743.8	778.2	818.0	854.5
94	614.0	624.9	658.6	697.4	740.2	775.1	812.2	851.3	889.4	926.6	968.7	1005.8
95	534.4	531.6	537.2	555.3	572.2	596.1	621.1	649.4	676.7	709.9	743.0	776.2
125	555.7	555.7	556.7	564.6	566.5	562.5	564.0	561.3	556.2	545.5	531.2	520.0
126	566.4	565.8	570.8	576.3	578.6	576.9	572.7	567.9	562.4	554.4	547.4	534.5
128	1042.9	1034.0	1010.0	983.3	953.9	924.0	889.4	854.0	823.0	794.0	766.3	741.5
132	479.9	483.6	499.3	510.2	514.7	519.3	521.9	537.4	557.6	577.5	607.0	625.3
201	1335.6	1327.0	1297.6	1265.4	1231.6	1197.3	1157.6	1114.7	1071.5	1027.6	981.4	939.5
202	1406.5	1404.6	1390.3	1371.2	1350.1	1329.1	1300.9	1270.8	1238.8	1204.5	1167.5	1133.9
203	1420.5	1425.4	1427.5	1423.0	1416.0	1407.9	1392.8	1377.0	1356.4	1331.8	1304.3	1278.2
204	1364.6	1377.3	1396.7	1408.4	1416.2	1423.2	1423.1	1424.3	1419.0	1409.9	1396.4	1380.9
205	1237.7	1255.0	1289.2	1317.3	1340.9	1363.8	1382.6	1402.0	1413.4	1421.3	1424.7	1423.3
206	1095.3	1114.7	1155.3	1192.5	1225.2	1258.4	1289.3	1321.1	1346.1	1367.7	1386.5	1398.5
207	973.8	992.9	1034.7	1075.3	1112.3	1149.2	1186.5	1223.7	1256.0	1285.5	1314.5	1336.7
208	895.3	912.8	953.1	994.1	1032.7	1071.4	1111.3	1151.0	1187.0	1220.6	1255.6	1283.1
209	1188.6	1190.6	1197.3	1201.2	1200.5	1201.2	1195.9	1187.6	1177.9	1167.6	1151.3	1133.7
210	1271.9	1277.4	1287.6	1294.7	1297.1	1301.1	1298.7	1293.0	1284.3	1275.7	1259.6	1242.8
211	1336.8	1347.9	1362.9	1373.0	1379.5	1385.4	1385.6	1384.1	1376.7	1368.4	1352.4	1336.4
212	1342.8	1351.9	1372.4	1383.8	1391.3	1397.3	1397.4	1397.8	1393.1	1382.4	1369.4	1354.2
213	1273.2	1279.3	1296.0	1304.3	1309.8	1313.2	1311.2	1307.9	1301.4	1289.2	1275.8	1260.1
214	1179.2	1183.0	1195.1	1200.1	1202.5	1203.3	1199.6	1192.9	1183.1	1170.4	1156.5	1140.3
215	890.4	873.2	830.7	787.0	745.8	701.6	670.8	633.3	598.7	568.7	538.4	512.9
216	770.8	773.4	780.8	788.0	794.4	798.5	800.1	800.7	799.9	797.2	793.1	786.7
217	777.2	782.2	792.2	800.2	806.5	810.5	811.2	809.8	807.2	803.4	799.8	794.1
218	623.7	634.9	668.1	698.6	741.0	778.2	817.0	856.9	895.3	932.7	975.4	1012.4
219	568.0	574.0	578.5	577.5	577.7	585.2	588.6	594.5	599.5	595.4	588.0	579.9
220	551.4	553.5	560.4	560.3	566.2	574.6	581.4	588.9	592.4	588.4	585.3	577.4
221	568.5	572.4	582.9	583.4	567.8	534.3	519.3	516.8	517.0	516.0	514.5	511.3
222	572.9	575.1	584.8	587.3	578.1	548.2	528.0	524.7	522.7	519.8	517.0	513.8
223	541.8	546.4	556.0	558.5	552.4	525.8	513.1	510.5	507.1	504.3	500.8	497.5
224	537.8	544.1	556.0	562.0	558.1	530.9	512.7	507.6	506.8	504.8	500.4	497.6
225	785.4	773.0	736.2	696.7	663.8	638.6	612.2	586.7	562.8	542.4	523.1	505.6
226	1046.2	1029.5	988.1	947.3	907.5	868.6	827.6	786.3	747.2	711.9	674.0	646.4
227	1125.6	1110.2	1069.8	1030.0	990.3	950.8	909.2	865.7	823.1	781.4	738.1	697.2
228	1229.6	1215.7	1177.6	1138.5	1098.6	1058.1	1013.9	965.5	919.0	872.7	823.7	776.9

Table CXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 640.0
Upright, Pressures in psf

Ori-fice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1063	R: 1064	R: 1065	R: 1066	R: 1067	R: 1068	R: 1069	R: 1070	R: 1071	R: 1072	R: 1073	R: 1074
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	733.2	747.9	785.1	824.5	863.8	902.7	944.5	985.9	1025.7	1063.4	1104.9	1140.0
230	472.8	474.0	496.2	518.4	541.3	569.2	594.1	623.2	657.1	683.4	719.8	752.6
231	956.3	955.9	955.0	952.4	948.1	944.0	937.1	928.6	919.2	908.6	895.9	881.1
232	1111.2	1112.0	1115.2	1115.7	1112.6	1110.6	1103.2	1093.4	1082.2	1070.4	1054.3	1036.3
233	1097.0	1099.2	1105.6	1106.7	1105.2	1103.4	1097.7	1088.6	1077.0	1063.9	1050.4	1035.1
234	950.1	950.9	952.7	951.1	947.9	945.1	938.4	928.9	918.0	906.5	895.3	883.1
235	531.8	540.0	559.5	579.5	598.4	613.2	625.3	627.5	624.7	619.7	616.0	613.1
236	490.0	500.8	531.4	558.0	581.4	603.3	623.1	638.4	652.3	660.5	671.6	680.7
237	462.9	466.7	487.3	511.0	533.9	559.5	585.6	614.6	638.9	663.9	696.8	726.6
238	463.2	467.0	483.3	505.1	525.6	549.5	576.8	611.5	638.9	668.6	698.1	730.4
239	465.8	467.9	483.9	506.5	524.2	547.8	574.1	601.9	629.0	662.0	694.1	728.5
240	423.9	424.9	437.9	453.0	468.2	480.0	502.9	525.0	548.8	575.0	603.4	628.6
241	426.7	438.9	467.1	481.1	498.9	519.3	538.0	551.7	561.3	573.0	584.8	591.9
242	242.0	245.6	231.7	216.1	202.9	189.9	179.5	169.8	160.8	154.1	146.4	143.3
243	374.1	370.1	354.8	339.3	326.2	312.5	300.7	290.0	279.8	271.7	262.8	254.7
244	823.8	802.2	739.3	681.0	641.5	615.0	590.8	568.9	544.0	524.0	507.4	493.9
245	753.4	736.1	698.5	667.3	645.6	616.9	592.2	570.7	550.1	530.5	509.0	491.3
246	606.5	610.9	615.8	616.7	609.4	598.8	594.1	596.1	591.6	592.0	585.0	579.8
247	555.9	558.8	574.1	587.1	593.6	602.9	606.7	606.3	602.5	594.6	580.8	569.0
248	570.0	567.6	548.4	547.4	546.1	546.3	541.8	536.0	528.6	519.8	515.3	510.2
249	581.2	577.6	553.6	548.4	548.9	545.1	540.8	541.4	536.4	528.8	520.6	511.9
250	428.9	438.8	474.0	507.5	534.2	557.8	578.2	590.3	595.0	589.9	580.2	567.6
251	364.4	368.7	383.4	397.9	411.5	421.4	430.6	436.2	438.1	430.2	414.2	392.1
252	74.8	71.9	75.0	89.0	81.5	93.4	98.2	101.9	103.4	102.6	114.9	110.0

Table CXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1076	R: 1077	R: 1078	R: 1079	R: 1080	R: 1081	R: 1082	R: 1083	R: 1084	R: 1085	R: 1086
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	471.7	493.3	518.9	541.9	568.9	595.5	626.3	656.6	686.0	717.5	748.3
3	575.8	581.3	585.1	588.0	591.6	592.0	592.0	590.5	587.2	583.1	577.0
4	578.2	586.6	592.5	596.3	600.9	600.9	600.2	598.2	595.8	593.8	589.8
5	589.4	590.6	590.1	589.2	590.3	586.8	583.6	579.8	574.4	568.5	561.5
6	589.6	593.3	594.4	595.0	595.5	591.4	584.4	578.3	573.1	568.6	562.0
7	598.0	595.6	591.6	587.0	583.6	577.9	572.3	566.1	559.0	551.4	541.9
8	603.9	604.2	601.9	597.8	595.0	588.3	581.8	574.9	568.6	562.8	555.0
9	667.9	640.3	609.4	575.7	547.5	520.1	495.3	470.2	444.4	421.7	401.1
10	416.6	436.0	456.8	480.6	508.5	532.7	560.2	588.7	616.4	645.9	675.7
11	528.9	534.2	534.7	531.6	531.5	530.5	528.9	526.8	524.6	520.8	516.1
12	516.0	522.5	526.6	531.6	534.2	533.4	531.5	530.6	529.1	526.9	523.4
13	529.8	531.5	532.9	532.8	532.3	529.7	526.8	524.6	522.3	518.7	514.9
14	520.2	525.6	530.5	532.2	533.4	528.8	525.3	524.7	523.4	521.6	518.8
15	539.8	539.5	537.5	531.5	528.5	525.2	521.5	517.9	512.3	506.1	500.2
16	523.4	526.3	526.3	522.8	520.6	516.5	511.0	507.8	505.1	502.1	499.0
17	678.8	662.1	642.4	619.1	596.2	566.8	538.7	510.9	489.8	471.1	449.7
19	477.0	479.4	475.2	475.8	479.4	480.1	477.4	466.8	463.9	460.7	458.1
20	478.3	479.5	486.6	487.5	486.3	484.4	481.4	480.9	475.8	472.9	470.3
21	463.0	463.7	460.8	462.5	465.8	467.6	470.0	470.6	466.9	464.0	460.5
22	456.1	458.6	456.1	457.9	461.4	463.0	463.3	460.9	458.8	460.6	460.5
23	412.6	416.8	419.9	421.5	421.3	420.8	418.6	418.8	416.1	416.0	412.0
24	383.6	389.9	389.4	397.1	398.9	395.2	395.7	397.1	398.9	398.0	391.9
25	448.1	444.6	430.2	409.0	405.5	407.6	407.3	404.4	401.2	398.6	394.9
26	438.1	434.4	419.7	405.6	405.6	408.6	407.1	404.2	401.2	396.6	393.5
43	517.8	527.6	535.4	541.2	547.9	551.5	555.6	558.6	559.7	558.4	554.8
44	501.7	513.5	522.0	529.1	536.6	539.4	540.6	541.7	542.5	543.4	542.8
67	414.6	408.0	396.7	398.1	399.5	399.0	400.7	399.4	398.0	396.6	395.4
68	408.8	402.7	395.1	395.8	400.9	403.1	407.6	406.2	404.2	403.4	401.6
85	604.7	606.8	607.4	607.6	608.7	606.8	604.4	600.8	596.1	590.4	582.7
86	584.2	601.3	616.7	631.4	646.5	657.4	668.2	676.7	683.9	691.3	697.1
87	511.7	531.1	553.0	573.7	595.8	615.3	636.4	656.5	674.9	694.3	712.0
88	441.1	449.0	457.7	470.5	489.5	508.3	531.4	552.3	577.5	602.9	629.9
89	359.9	373.2	387.3	403.0	419.3	437.0	457.7	480.1	499.8	521.8	542.8
90	360.7	374.3	389.4	407.3	423.3	440.1	460.3	481.9	501.1	523.3	547.5
91	364.6	376.7	387.8	400.1	416.5	434.0	456.5	480.0	497.8	521.0	544.7
921	683.4	653.7	622.2	590.5	561.6	536.3	502.2	474.8	452.4	429.8	406.6

Table CXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1076	R: 1077	R: 1078	R: 1079	R: 1080	R: 1081	R: 1082	R: 1083	R: 1084	R: 1085	R: 1086
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	496.5	522.0	545.0	576.7	608.6	639.3	671.5	702.9	733.2	765.2	796.0
93	412.3	431.8	452.5	476.1	502.8	526.6	553.0	578.9	605.9	635.2	664.8
94	489.5	513.9	541.5	573.7	603.4	631.5	662.1	692.3	721.5	752.7	783.1
95	425.5	433.3	442.1	455.0	474.2	493.2	516.2	537.3	562.6	588.2	615.1
125	432.3	434.2	438.4	440.2	439.0	440.1	438.5	434.6	427.0	417.2	406.3
126	440.6	445.6	448.8	450.1	450.1	447.7	444.7	440.9	434.4	429.0	418.5
128	800.8	784.8	764.5	739.4	717.9	692.5	667.7	643.1	619.8	598.7	577.7
132	377.0	389.2	397.3	400.2	406.0	407.3	418.3	434.2	449.9	472.2	488.5
201	1029.6	1009.4	984.1	955.8	931.9	903.1	872.0	838.1	803.4	769.1	733.7
202	1090.0	1081.3	1066.0	1047.5	1034.5	1013.6	992.4	967.0	939.4	911.5	882.8
203	1105.9	1109.1	1105.3	1097.6	1095.6	1084.4	1073.7	1057.5	1038.4	1017.4	995.1
204	1069.3	1085.3	1094.6	1098.6	1108.0	1107.8	1110.1	1105.8	1098.0	1087.3	1074.2
205	975.7	1002.6	1024.3	1041.1	1062.8	1076.6	1092.3	1101.6	1107.1	1109.2	1107.7
206	866.1	898.0	926.1	951.5	980.6	1003.8	1028.2	1048.3	1064.7	1078.3	1087.7
207	773.6	805.6	835.5	864.4	896.3	923.9	952.4	978.3	1000.9	1022.4	1040.1
208	712.5	743.4	773.1	803.4	836.0	865.8	896.1	924.8	950.9	976.6	998.9
209	924.4	931.1	934.2	932.1	935.9	931.9	926.3	918.7	910.0	897.9	882.5
210	991.5	1001.1	1006.2	1006.8	1013.4	1012.0	1008.3	1001.9	994.6	982.2	967.7
211	1046.2	1059.3	1066.8	1069.9	1078.9	1079.1	1078.4	1073.3	1066.2	1054.1	1039.8
212	1049.5	1066.5	1076.1	1079.6	1088.1	1087.7	1090.2	1085.6	1076.7	1066.3	1053.6
213	992.2	1006.4	1013.5	1015.7	1021.7	1019.7	1019.3	1013.3	1003.5	992.9	979.5
214	917.9	928.5	932.7	933.0	936.4	933.4	929.4	921.5	911.4	900.4	886.5
215	677.0	647.8	616.2	583.4	551.1	526.8	498.4	470.7	446.7	423.7	401.6
216	602.5	608.9	613.5	617.7	622.6	624.1	625.1	624.6	622.4	619.1	613.5
217	608.0	616.7	622.8	626.8	632.0	632.1	631.7	629.4	626.4	623.5	618.6
218	496.4	520.2	542.5	574.4	605.5	634.6	666.0	696.4	725.9	757.4	787.8
219	449.0	450.9	448.2	449.3	455.2	458.8	463.8	467.5	464.8	459.2	453.0
220	433.1	437.7	435.9	440.2	446.4	452.3	459.6	462.0	459.7	457.3	450.8
221	446.3	452.9	452.9	441.5	418.6	406.2	403.5	404.0	403.1	401.8	399.0
222	447.9	455.2	456.8	449.7	428.6	412.7	409.0	407.9	405.3	402.9	399.8
223	425.4	433.1	435.5	431.2	413.5	402.7	400.6	398.8	395.6	392.3	388.7
224	425.4	433.7	437.0	433.9	414.8	401.5	397.2	395.5	393.7	390.3	387.5
225	598.1	571.7	543.5	517.3	500.1	480.1	460.0	441.3	426.0	411.4	396.5
226	797.7	768.8	737.8	705.0	676.8	646.9	616.3	587.1	560.5	530.7	505.5
227	861.0	832.6	801.9	769.2	740.9	710.5	678.4	646.6	616.7	586.9	554.8
228	943.2	916.2	885.9	852.1	823.2	790.6	755.6	718.9	682.6	646.3	608.0

Table CXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1076	R: 1077	R: 1078	R: 1079	R: 1080	R: 1081	R: 1082	R: 1083	R: 1084	R: 1085	R: 1086
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	585.2	613.5	641.8	672.7	705.0	736.2	768.0	799.2	828.8	859.5	888.0
230	370.7	388.1	403.8	421.8	443.7	463.7	485.8	512.2	534.1	560.5	587.6
231	742.3	742.9	740.7	736.7	735.6	730.7	724.8	717.4	709.1	699.3	686.7
232	863.1	866.8	867.3	863.6	864.8	859.5	852.9	844.4	834.5	822.3	807.0
233	854.5	860.7	861.3	859.0	860.3	855.6	849.7	840.4	830.0	819.3	806.5
234	739.4	741.9	740.3	736.9	736.7	731.6	725.2	716.5	707.6	698.8	688.4
235	420.6	435.4	449.6	464.5	477.6	485.9	487.1	487.3	484.3	480.2	477.6
236	392.1	416.0	434.7	452.5	470.8	486.5	496.8	508.2	516.2	523.5	532.8
237	366.2	380.6	396.3	414.2	434.4	454.0	477.2	497.0	517.3	541.2	565.3
238	365.9	377.1	391.0	406.4	425.7	446.4	474.7	496.1	518.9	541.5	568.0
239	367.1	377.6	392.5	408.2	427.8	447.3	470.5	491.4	516.2	541.0	568.3
240	333.4	341.9	351.1	361.8	371.3	386.5	405.3	424.3	443.8	464.9	485.8
241	344.8	365.6	374.5	388.3	403.2	417.9	428.9	437.5	446.3	455.2	461.3
242	188.7	180.0	170.6	161.1	151.9	143.9	135.9	128.8	122.6	117.3	113.5
243	285.7	275.5	264.8	254.4	244.7	235.9	227.2	219.3	212.7	205.8	198.4
244	621.9	577.9	532.7	500.8	480.7	463.4	445.9	426.6	412.1	399.3	386.7
245	568.9	543.8	521.0	504.6	482.4	464.1	447.7	430.8	415.7	400.5	386.1
246	478.7	481.5	482.5	479.8	470.4	464.9	467.3	468.1	467.3	461.0	453.0
247	437.3	448.3	456.0	460.7	469.0	471.5	471.6	471.5	466.3	455.9	444.2
248	443.0	427.4	425.4	424.8	425.4	422.7	418.3	413.0	406.6	403.2	397.9
249	449.1	430.7	427.7	426.9	424.7	421.7	422.7	418.4	412.6	407.7	399.3
250	344.7	370.7	393.4	414.3	434.5	450.8	461.6	464.9	460.9	453.5	442.8
251	288.2	298.8	308.6	318.6	327.9	334.9	339.8	341.4	336.4	324.9	306.9
252	54.9	67.2	68.1	61.3	75.3	77.9	70.7	83.0	83.3	84.4	93.2

Table CXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1089	R: 1090	R: 1091	R: 1092	R: 1093	R: 1094	R: 1095	R: 1096	R: 1097	R: 1098	R: 1099
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	469.1	488.4	516.7	541.9	570.9	599.3	626.4	657.1	685.6	717.3	747.6
3	543.9	549.1	554.8	561.4	562.1	559.8	556.2	554.2	553.2	548.9	543.7
4	604.7	611.4	618.1	621.8	626.1	630.6	632.2	630.4	626.1	624.1	619.7
5	555.9	557.9	559.7	562.8	560.7	553.8	548.1	544.4	541.1	536.2	531.1
6	618.2	619.6	620.3	619.9	620.3	620.5	614.9	608.6	601.6	596.8	589.9
7	565.5	564.6	562.6	562.0	555.4	546.4	539.3	534.0	527.7	519.8	512.2
8	633.0	631.0	627.8	622.7	619.2	616.5	610.6	602.7	594.4	588.2	580.7
9	668.4	641.8	609.6	579.7	549.5	518.5	489.4	467.4	443.4	419.0	396.6
10	412.9	429.4	453.6	478.7	507.9	534.3	559.4	589.2	616.0	645.9	675.2
11	494.5	499.5	501.2	500.4	499.6	499.9	497.8	496.2	496.1	493.2	488.0
12	546.5	550.7	556.4	561.3	564.2	564.9	565.8	563.6	559.3	556.5	552.6
13	494.8	496.9	499.0	500.0	499.2	497.3	494.1	492.7	493.2	491.7	488.3
14	550.1	554.5	560.4	563.0	564.4	561.1	559.1	556.5	552.4	550.0	546.6
15	506.6	507.1	505.4	501.4	496.3	494.0	490.8	485.5	483.8	479.7	474.2
16	553.4	555.1	556.3	553.4	552.3	548.8	545.0	538.9	533.1	529.4	524.8
17	678.3	661.0	641.3	621.7	596.0	563.2	538.3	513.4	488.5	467.8	445.0
19	454.7	457.1	456.7	459.9	461.5	463.3	453.7	443.3	440.9	437.8	434.8
20	501.9	503.8	510.9	515.3	517.1	509.0	505.8	504.4	499.8	496.6	495.3
21	441.5	444.8	447.7	448.1	450.2	447.7	446.7	445.4	444.8	442.2	438.2
22	481.9	484.7	484.7	479.6	477.9	484.9	483.2	482.7	477.1	478.8	480.0
23	399.2	400.9	400.9	402.9	400.2	402.3	400.2	397.5	397.3	396.6	393.0
24	406.2	404.9	407.3	419.9	414.1	411.3	415.2	415.5	413.8	417.6	411.2
25	433.8	431.7	420.1	402.2	397.3	394.8	390.9	388.7	386.0	381.8	378.1
26	462.9	458.0	438.5	424.2	422.0	421.5	420.7	422.7	417.1	414.8	409.2
43	487.7	495.9	505.4	512.6	517.8	522.4	522.4	524.9	526.2	524.7	521.6
44	525.8	536.1	547.4	555.2	563.9	570.0	575.9	577.3	575.4	576.1	574.8
67	401.0	396.3	387.1	389.1	389.2	387.3	383.5	382.1	381.3	380.0	377.1
68	431.5	425.9	414.1	413.9	423.1	420.2	419.8	422.4	422.0	421.4	419.4
85	571.3	574.8	577.5	581.3	579.7	573.9	570.7	567.4	565.0	558.5	551.5
86	608.5	624.7	642.3	656.5	671.7	686.7	697.8	707.3	713.4	721.7	727.0
87	495.0	510.7	534.9	557.3	577.9	597.9	614.7	633.7	652.2	670.1	686.7
88	444.8	448.9	458.5	469.7	488.4	511.4	531.9	555.6	579.4	605.6	631.6
89	361.2	371.6	384.1	400.2	418.6	440.3	456.2	476.1	494.3	515.7	536.3
90	360.1	373.5	389.3	409.4	433.2	445.8	462.6	485.9	505.2	528.9	553.7
91	361.2	370.6	385.9	402.5	425.4	441.9	459.9	481.1	497.7	521.4	545.2
921	678.1	651.2	618.0	588.8	557.9	526.6	491.3	469.1	447.2	426.1	405.2

Table CXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1089	R: 1090	R: 1091	R: 1092	R: 1093	R: 1094	R: 1095	R: 1096	R: 1097	R: 1098	R: 1099
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	495.3	519.0	546.6	578.4	610.7	642.2	671.4	703.5	732.4	765.5	795.2
93	407.3	425.0	448.9	474.0	501.4	527.5	551.9	579.4	605.4	635.4	664.4
94	488.9	511.3	544.2	576.3	606.9	636.4	664.3	695.1	723.3	755.2	784.8
95	429.1	433.4	443.0	454.3	473.0	496.4	516.8	540.6	564.5	590.8	616.9
125	414.2	416.7	423.3	426.3	425.6	422.9	417.6	414.4	407.5	400.3	392.8
126	469.1	469.0	468.7	467.8	464.8	471.0	465.6	460.1	450.9	442.9	434.7
128	801.9	785.5	763.7	739.7	714.6	689.5	662.1	636.3	615.0	594.1	575.0
132	373.0	379.4	388.1	391.6	400.2	409.0	416.0	431.2	447.5	471.4	488.2
201	1026.0	1006.6	981.7	957.0	930.0	900.9	866.6	830.6	799.2	763.7	729.1
202	1086.9	1077.2	1063.2	1048.2	1031.4	1011.5	985.8	959.1	935.3	905.9	877.5
203	1103.1	1104.1	1102.2	1098.2	1091.9	1082.3	1066.1	1049.8	1033.9	1012.1	989.4
204	1066.8	1079.6	1090.9	1098.9	1104.1	1106.6	1102.5	1098.6	1093.4	1082.5	1068.4
205	974.3	997.5	1022.1	1042.1	1060.0	1075.9	1085.4	1095.7	1102.8	1105.5	1103.1
206	865.1	894.3	925.8	953.1	979.1	1003.5	1023.5	1044.1	1061.3	1075.6	1084.0
207	773.5	803.6	836.7	866.8	895.9	924.0	949.3	975.8	998.4	1020.5	1036.8
208	712.5	741.4	774.9	805.7	836.7	866.8	894.3	923.5	948.9	975.2	996.3
209	896.5	902.2	905.7	908.7	907.3	902.6	895.2	888.9	880.6	866.9	853.9
210	967.1	975.6	982.3	987.7	989.5	987.5	981.4	977.2	970.4	957.1	944.4
211	1030.6	1041.9	1052.1	1059.5	1064.3	1065.2	1060.1	1056.5	1051.5	1038.6	1024.9
212	1062.0	1074.5	1084.4	1090.8	1094.7	1097.9	1093.8	1089.0	1082.2	1071.7	1058.2
213	1016.6	1027.1	1034.5	1038.0	1039.0	1040.4	1035.6	1029.1	1019.4	1008.9	995.2
214	951.0	958.5	963.3	964.0	962.2	961.8	956.0	947.6	935.8	925.0	911.0
215	673.0	645.8	612.7	584.0	552.3	525.0	491.1	468.2	445.6	423.4	402.0
216	570.9	577.9	584.5	591.7	593.9	592.1	591.4	590.4	590.4	586.1	580.6
217	638.1	645.2	651.5	654.9	659.3	663.9	664.1	661.8	657.3	654.5	649.0
218	492.5	513.2	540.9	573.7	605.7	635.8	663.3	694.1	722.6	754.1	783.6
219	428.9	432.4	434.1	436.9	439.5	439.4	443.3	442.8	439.9	434.8	428.8
220	456.2	461.5	463.6	461.4	461.9	471.9	476.3	482.7	480.9	480.9	475.2
221	434.5	440.6	442.0	436.8	418.8	397.4	391.0	389.2	387.6	384.8	381.7
222	464.5	470.2	472.7	464.1	437.3	423.5	426.1	423.3	420.8	419.7	417.0
223	414.4	422.0	428.0	425.8	406.7	389.5	382.4	379.3	377.5	373.7	369.3
224	431.4	439.6	447.1	445.8	426.3	415.4	414.5	412.3	409.3	409.3	407.1
225	597.3	577.0	549.6	523.7	500.2	480.7	458.2	438.0	423.6	409.0	392.0
226	798.0	769.8	738.3	708.5	679.6	649.2	614.8	584.1	558.9	529.3	503.7
227	860.0	832.8	801.8	771.8	742.1	711.3	675.8	642.0	614.0	583.7	552.8
228	941.6	915.5	884.9	854.6	823.9	791.3	753.3	713.9	680.7	642.7	605.7

Table CXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1089	R: 1090	R: 1091	R: 1092	R: 1093	R: 1094	R: 1095	R: 1096	R: 1097	R: 1098	R: 1099
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	585.1	611.3	643.8	674.7	706.9	738.5	767.5	799.1	827.5	858.9	886.2
230	371.8	384.0	402.4	419.7	443.1	468.9	488.8	512.5	534.6	560.4	587.6
231	709.0	710.0	709.4	709.4	705.2	697.0	689.4	682.0	675.9	665.5	654.1
232	833.7	837.0	837.8	838.9	835.4	828.5	820.4	812.3	803.5	790.0	776.5
233	889.6	893.3	894.6	892.6	889.9	887.1	880.3	870.6	858.5	847.6	834.1
234	776.1	776.4	775.2	771.3	769.0	765.7	759.4	750.3	738.6	729.2	717.8
235	405.4	417.7	436.1	451.6	462.4	462.2	455.9	458.0	454.9	451.4	444.9
236	387.8	406.1	425.7	445.9	461.0	467.7	472.4	482.2	490.2	498.5	505.2
237	362.5	374.4	394.5	414.7	434.7	450.9	465.3	490.0	511.0	532.0	554.9
238	361.7	371.9	388.2	407.9	429.2	448.7	467.9	489.8	512.5	536.1	562.2
239	367.7	378.0	394.7	408.2	427.7	448.8	467.8	491.5	515.5	540.8	567.8
240	336.2	341.6	349.6	361.6	376.8	392.1	405.0	422.5	443.0	462.7	484.0
241	354.8	367.7	377.5	390.3	400.0	411.5	416.1	420.7	427.5	433.3	437.4
242	185.4	181.7	172.5	163.1	150.6	139.6	133.6	129.9	125.6	124.1	124.9
243	283.5	275.7	264.4	255.1	244.0	233.3	223.7	216.0	209.9	203.4	196.2
244	627.3	580.6	532.0	503.7	479.4	458.5	447.2	427.6	411.7	398.5	385.9
245	574.5	552.0	527.5	508.2	488.0	468.0	443.6	430.3	413.6	397.8	384.1
246	452.5	455.9	455.8	457.3	450.0	448.1	446.3	445.8	447.0	437.7	431.5
247	420.4	427.5	439.1	447.8	451.4	449.3	449.8	443.1	436.1	426.6	417.2
248	422.7	409.2	404.8	405.6	403.4	407.5	400.9	395.8	392.7	388.2	380.8
249	467.6	451.5	449.5	447.0	442.4	438.2	437.1	432.7	426.2	422.8	415.5
250	312.1	335.6	365.1	390.4	411.6	428.8	438.5	446.2	446.8	442.9	434.4
251	278.9	287.5	299.8	309.6	320.1	327.4	330.8	329.6	326.0	315.0	295.7
252	57.0	66.0	61.0	63.9	77.7	70.5	70.7	83.5	82.3	84.0	91.4

Table CXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: $\alpha = 10.0^{\circ}$, $M_{\infty} = 1.40$, $q_{\infty} = 500.0$
Upright, Pressures in psf

Orifice ID	Nominal β	
	0.0°	2.0°
	R: 1087	R: 1088
	Pi	Pi
2	631.2	627.6
3	591.5	560.2
4	600.4	628.9
5	582.5	552.2
6	584.0	611.8
7	570.4	543.0
8	580.9	607.1
9	488.7	487.5
10	564.5	560.6
11	528.3	501.7
12	531.5	562.0
13	525.2	500.4
14	525.3	555.7
15	520.6	493.9
16	510.3	541.0
17	535.1	537.6
19	474.7	455.4
20	481.3	503.0
21	470.4	450.1
22	463.2	480.0
23	418.6	401.5
24	396.1	412.6
25	406.7	392.2
26	406.9	419.5
43	556.4	526.3
44	541.1	572.3
67	400.2	384.8
68	408.0	417.9
85	603.8	573.4
86	669.6	695.3
87	639.4	617.5
88	536.4	533.3
89	461.9	457.5
90	463.4	463.1
91	462.5	461.1
921	491.8	488.3

Table CXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1087 Pi	Nominal β 2.0° R: 1088 Pi
922	673.2	671.4
93	555.1	552.2
94	665.3	664.6
95	521.2	518.2
125	436.7	420.8
126	442.9	461.8
128	666.0	662.1
132	421.2	416.8
201	870.5	865.9
202	992.7	985.5
203	1073.8	1065.8
204	1110.7	1102.4
205	1093.3	1085.6
206	1029.3	1023.6
207	953.2	949.4
208	897.4	894.4
209	926.5	897.2
210	1008.6	982.9
211	1079.2	1060.7
212	1090.6	1093.1
213	1019.6	1033.9
214	929.5	953.5
215	490.0	489.5
216	624.9	594.4
217	632.0	661.4
218	670.1	664.5
219	464.6	445.9
220	461.1	474.2
221	403.3	393.3
222	408.8	422.7
223	399.7	383.6
224	396.5	412.8
225	453.4	454.5
226	613.2	613.6
227	675.9	674.8
228	755.3	752.8

Table CXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.40, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1087 Pi	Nominal β 2.0° R: 1088 Pi
229	770.1	767.7
230	492.6	490.1
231	724.0	692.4
232	852.6	822.5
233	849.9	877.7
234	724.7	756.0
235	487.0	458.1
236	498.1	474.7
237	483.2	468.4
238	481.5	470.4
239	476.7	469.9
240	412.0	407.0
241	430.5	416.7
242	123.6	129.1
243	221.9	223.3
244	440.4	445.3
245	442.9	442.8
246	467.3	448.1
247	471.6	453.5
248	417.5	401.2
249	422.5	434.5
250	462.4	441.2
251	340.4	331.9
252	72.8	70.9

Table CXX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 565.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 621	R: 622	R: 623	R: 624	R: 625	R: 626	R: 627	R: 628	R: 629	R: 630	R: 631	R: 632
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	471.1	478.3	508.1	532.0	561.5	590.6	623.1	657.0	688.4	721.7	755.3	789.2
3	591.3	594.0	601.8	604.1	607.6	611.2	615.0	617.5	616.6	613.0	606.6	598.9
4	597.7	599.6	607.2	615.4	619.7	624.0	627.1	627.3	626.0	623.4	619.0	613.8
5	608.5	609.6	611.8	609.2	609.3	611.2	610.4	608.8	604.9	598.1	590.5	582.2
6	612.5	612.4	613.4	615.9	617.8	618.3	616.2	608.5	603.9	598.9	592.7	586.0
7	621.7	619.5	617.1	609.9	605.5	602.6	600.1	597.3	590.4	580.1	568.2	557.3
8	629.5	628.3	626.0	624.6	621.7	617.8	613.0	605.1	598.7	592.2	583.9	575.4
9	712.2	696.2	659.4	625.3	594.8	564.4	534.4	504.0	477.2	449.5	424.0	400.7
10	410.4	415.3	439.4	465.9	486.6	515.2	545.0	580.2	612.1	645.6	676.0	707.1
11	591.8	600.2	599.3	584.6	586.5	589.7	586.7	576.6	569.3	564.9	570.2	589.9
12	582.4	586.4	586.2	581.2	584.8	581.4	575.8	569.9	563.6	560.3	560.9	581.7
13	578.2	578.5	571.7	567.7	571.8	578.7	574.7	563.1	555.0	551.2	550.8	553.5
14	561.1	560.3	559.1	566.8	566.4	562.7	557.7	553.0	548.6	546.2	545.1	547.8
15	563.2	562.8	555.7	549.3	549.4	561.0	558.5	549.3	536.8	526.5	521.8	523.0
16	540.6	540.3	540.2	540.1	540.3	539.1	538.7	532.2	520.9	513.2	510.8	516.8
17	734.3	724.0	699.7	673.2	645.5	609.2	574.6	545.1	517.2	489.7	467.3	445.7
19	477.1	476.8	485.5	490.4	490.8	483.8	476.4	474.6	479.5	480.1	475.6	465.4
20	496.9	499.2	496.8	500.0	496.1	491.1	490.1	491.2	492.8	487.7	485.1	479.4
21	467.4	466.7	464.3	466.7	468.7	471.7	474.2	472.6	473.4	471.6	470.1	469.9
22	461.0	460.9	458.4	461.0	466.2	464.2	466.6	464.6	466.3	467.3	468.2	469.0
23	421.3	423.2	424.3	423.9	421.7	421.5	423.3	420.3	419.0	417.1	416.3	410.5
24	381.3	382.5	387.6	386.5	399.0	391.7	396.4	384.2	385.2	390.2	385.0	379.3
25	433.5	425.1	405.1	402.1	402.8	401.7	403.4	402.8	400.2	398.7	396.9	393.5
26	417.0	410.6	399.8	397.8	398.1	398.1	398.5	395.6	392.5	391.6	392.8	390.9
43	558.0	563.5	572.3	578.1	586.7	595.4	608.8	618.9	622.2	623.9	622.9	620.1
44	557.1	567.0	579.5	578.7	584.7	592.2	598.4	604.2	607.9	611.6	612.3	612.2
67	387.8	385.4	387.4	390.7	394.2	395.5	394.0	396.8	397.5	397.7	395.0	388.0
68	378.9	378.2	383.8	391.7	393.5	394.1	397.6	396.6	397.4	396.6	397.3	394.1
85	621.9	623.6	628.3	630.0	630.1	631.1	631.2	629.9	627.5	622.3	614.7	605.0
86	603.6	609.6	626.3	645.3	661.7	679.5	695.0	707.4	716.0	725.0	732.8	739.7
87	515.1	522.9	550.3	571.0	593.5	619.2	643.0	667.4	688.7	709.7	729.5	748.2
88	436.1	437.0	437.1	448.9	469.5	494.2	513.2	532.9	558.8	586.2	618.1	649.2
89	346.6	350.6	368.9	384.5	399.7	417.6	439.2	466.4	485.3	508.6	531.4	565.0
90	346.3	350.2	365.7	382.1	402.3	424.6	445.3	465.6	485.1	514.8	537.2	568.1
91	350.9	351.8	365.0	380.3	398.4	420.3	443.8	466.8	482.3	509.5	536.1	566.9
921	727.2	711.9	673.5	636.4	606.9	576.7	543.2	510.8	486.4	459.2	432.8	408.4

Table CXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 565.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 621	R: 622	R: 623	R: 624	R: 625	R: 626	R: 627	R: 628	R: 629	R: 630	R: 631	R: 632
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	497.7	508.1	537.5	567.1	594.1	630.0	669.7	705.9	739.3	773.9	808.9	843.6
93	404.8	412.3	435.0	461.4	481.1	510.3	538.9	572.8	604.4	634.8	664.4	695.0
94	486.8	495.6	527.1	555.7	585.5	626.4	663.2	697.0	728.5	761.8	795.5	829.1
95	420.5	421.4	421.5	433.4	454.1	479.0	498.1	517.8	543.9	571.4	603.3	634.6
125	435.6	437.1	440.2	443.9	444.4	444.3	442.7	439.8	437.0	431.6	422.3	408.0
126	443.8	444.5	451.0	451.9	453.9	451.9	449.4	444.2	441.6	435.4	426.7	415.4
128	862.4	848.8	818.6	784.3	751.8	718.0	686.6	655.5	630.1	605.0	582.0	559.9
132	355.4	355.6	358.8	363.2	368.0	380.1	390.0	411.4	427.9	445.8	468.2	491.5
201	1136.2	1126.6	1103.6	1073.0	1042.7	1010.8	977.0	941.9	905.5	866.4	826.1	786.2
202	1203.1	1198.9	1187.6	1171.3	1151.5	1130.5	1106.3	1081.3	1054.3	1023.8	991.6	958.8
203	1216.7	1218.7	1220.2	1218.2	1211.1	1201.5	1189.8	1175.7	1158.4	1137.5	1114.3	1087.8
204	1167.4	1176.1	1191.9	1204.3	1211.7	1214.7	1218.0	1218.0	1212.7	1204.7	1194.8	1178.4
205	1052.0	1065.5	1094.0	1120.9	1142.8	1161.5	1180.9	1195.6	1204.8	1212.1	1217.4	1215.5
206	923.4	939.4	973.4	1008.4	1038.4	1068.0	1096.7	1121.5	1142.5	1162.4	1179.6	1192.3
207	813.7	829.6	865.1	902.2	935.0	969.6	1002.2	1031.7	1059.5	1086.5	1111.3	1134.2
208	740.2	754.4	788.5	824.8	857.9	894.3	928.6	960.2	990.4	1021.3	1050.1	1078.2
209	997.0	999.9	1006.2	1010.0	1009.0	1005.5	1003.5	996.9	991.1	982.4	970.3	953.5
210	1074.7	1079.9	1089.8	1097.0	1099.0	1097.5	1097.8	1094.0	1089.1	1081.4	1070.7	1053.3
211	1140.0	1147.6	1161.7	1172.4	1178.0	1179.1	1182.0	1180.6	1175.5	1168.3	1157.9	1140.2
212	1147.8	1156.1	1170.6	1182.5	1190.2	1194.7	1196.2	1195.6	1190.4	1181.2	1170.7	1155.1
213	1087.4	1093.8	1105.5	1115.6	1121.0	1124.0	1122.3	1119.7	1113.2	1102.9	1091.5	1076.1
214	1000.5	1005.1	1014.3	1021.5	1025.0	1025.2	1020.9	1015.9	1007.9	997.4	984.6	969.5
215	722.1	706.7	669.8	632.8	601.0	574.5	541.6	508.3	483.0	454.9	428.5	404.8
216	619.6	623.0	632.4	638.6	642.7	647.8	651.6	653.9	654.2	651.9	647.2	640.0
217	632.7	635.8	643.3	651.7	657.9	663.2	666.5	666.5	663.8	660.5	656.8	651.1
218	496.6	504.3	535.0	564.2	590.6	628.3	665.9	701.0	732.9	766.6	800.6	834.7
219	449.9	450.4	448.0	452.3	455.1	461.9	466.8	470.3	468.3	466.9	464.1	462.8
220	438.8	438.9	437.0	443.3	451.6	455.8	461.7	465.4	465.5	463.4	461.4	460.3
221	443.3	444.7	439.4	419.6	407.6	402.6	403.3	403.3	402.3	402.6	402.1	400.6
222	438.4	438.8	433.0	413.9	402.5	401.4	402.4	403.6	405.0	403.6	397.5	393.9
223	427.1	428.2	421.1	403.5	393.5	391.4	396.8	395.0	393.5	392.7	393.1	389.9
224	422.9	424.4	416.3	396.0	388.1	389.8	392.0	391.4	393.2	395.7	390.0	383.3
225	632.2	620.2	593.4	565.4	535.5	508.6	480.7	456.0	440.6	423.8	407.9	389.9
226	870.1	854.8	819.4	782.3	749.1	715.5	683.6	650.0	619.2	585.5	557.2	532.5
227	942.5	928.2	894.9	856.9	823.0	788.3	755.2	719.6	684.8	650.6	614.3	577.2
228	1037.5	1023.6	993.6	954.8	919.4	883.1	846.1	806.6	766.6	725.3	681.6	637.8

Table CXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 565.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 621	R: 622	R: 623	R: 624	R: 625	R: 626	R: 627	R: 628	R: 629	R: 630	R: 631	R: 632
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	596.3	609.0	640.5	674.6	706.8	744.8	781.2	815.8	848.5	883.0	917.1	950.7
230	365.5	366.4	384.7	405.6	423.2	445.6	467.4	494.2	518.5	549.9	579.4	609.3
231	783.6	782.9	782.4	780.9	777.7	773.9	769.8	763.1	756.7	748.0	736.5	723.7
232	926.0	927.2	930.2	930.9	928.0	923.4	919.3	911.7	904.7	894.7	881.4	865.1
233	922.1	924.7	930.1	933.8	934.1	931.3	925.4	918.5	909.4	898.4	886.1	872.1
234	788.4	789.4	791.2	792.1	790.5	787.0	781.5	774.1	764.9	755.2	745.3	733.8
235	422.9	433.7	450.7	464.4	474.2	482.8	486.5	493.0	499.1	494.6	497.3	492.2
236	392.3	400.7	421.9	438.7	453.6	473.5	489.5	501.5	515.1	525.1	540.9	551.0
237	360.5	362.6	380.5	397.3	412.9	436.3	462.0	481.9	502.0	526.1	563.7	590.3
238	355.0	356.5	370.5	390.1	409.5	433.2	459.0	481.5	502.7	529.4	562.8	591.8
239	346.5	347.0	362.3	382.9	403.5	430.5	453.9	470.4	495.2	522.9	555.0	586.0
240	326.7	327.3	337.7	352.1	363.9	375.0	390.6	407.7	422.7	444.2	467.2	493.7
241	315.7	319.7	345.3	365.6	381.2	400.4	416.2	430.7	441.5	450.5	457.7	465.1
242	190.4	193.5	183.7	172.3	163.1	152.0	143.1	134.9	127.7	122.7	115.6	110.8
243	306.8	303.5	289.0	276.3	266.1	254.8	244.2	233.7	224.8	216.4	209.0	200.2
244	602.0	588.9	553.1	527.2	507.2	488.1	465.0	450.7	430.8	412.0	395.5	381.4
245	607.2	599.5	572.3	539.0	514.9	486.5	466.5	449.3	431.6	413.9	397.2	381.1
246	440.9	438.2	467.6	487.4	489.3	479.5	475.3	474.3	471.0	469.1	467.4	465.8
247	441.8	443.3	452.4	459.0	464.1	471.3	475.9	475.9	475.8	469.4	462.9	454.9
248	428.7	428.5	430.5	426.6	425.0	422.5	419.0	417.7	411.6	403.8	399.1	394.9
249	428.6	430.6	429.7	433.9	425.9	421.8	417.8	414.1	408.2	402.0	399.6	398.8
250	343.2	351.9	380.8	403.5	423.7	441.4	453.7	458.9	458.2	450.0	439.9	423.9
251	289.6	292.3	303.0	314.1	323.1	331.5	332.6	330.6	326.3	313.0	299.5	294.0
252	57.1	61.1	61.1	61.4	77.2	78.1	76.1	81.8	85.9	91.6	96.3	90.5

Table CXXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 668	R: 669	R: 670	R: 671	R: 672	R: 673	R: 674
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	426.4	451.6	477.1	506.0	530.4	555.8	586.1
3	523.8	532.8	538.5	542.0	544.9	544.6	542.7
4	535.5	542.0	546.8	549.3	551.8	553.3	556.2
5	537.3	542.0	542.9	541.8	541.7	537.5	533.0
6	545.9	547.8	547.7	547.0	544.9	543.2	540.6
7	547.0	547.8	544.1	538.6	534.7	528.5	522.4
8	560.2	558.3	554.8	549.3	544.8	540.9	538.7
9	615.6	583.6	549.4	520.2	492.4	471.0	445.0
10	371.0	388.7	415.7	439.6	464.5	489.2	516.7
11	518.0	524.5	521.5	524.2	519.6	513.2	505.9
12	536.5	528.2	521.4	523.6	516.7	512.4	508.7
13	501.0	505.9	505.4	509.9	507.2	501.3	494.2
14	511.6	508.5	510.9	510.1	501.6	497.4	494.3
15	492.4	491.6	489.0	490.8	488.9	487.5	482.1
16	494.5	491.1	489.8	487.7	480.7	481.8	474.9
17	642.1	619.9	595.6	563.0	534.4	506.8	481.9
19	428.2	425.1	427.9	427.5	427.4	425.8	423.5
20	444.1	440.1	441.3	443.2	441.8	438.9	438.2
21	410.4	416.0	417.2	417.7	421.7	421.0	418.8
22	416.8	411.1	410.4	411.7	412.8	413.3	415.4
23	366.7	370.3	369.8	372.1	375.5	372.3	368.8
24	343.3	345.6	346.3	349.9	351.2	357.1	348.6
25	365.0	353.3	353.6	355.7	355.7	357.1	354.2
26	365.5	355.1	354.2	357.6	360.6	358.7	356.1
43	493.0	506.0	515.7	526.0	531.7	538.2	542.4
44	506.1	514.1	518.2	520.6	525.3	530.8	536.9
67	331.3	337.0	342.7	346.6	348.1	349.8	352.1
68	342.9	342.3	347.3	350.9	355.2	358.6	357.4
85	557.8	562.1	564.4	564.1	563.5	560.7	557.6
86	543.6	557.2	573.2	587.7	602.1	614.3	626.8
87	466.1	488.2	509.6	533.6	555.5	574.4	594.7
88	395.4	397.7	405.2	424.1	442.3	467.3	493.0
89	310.3	322.2	338.6	359.2	379.3	392.8	416.6
90	314.6	326.5	343.1	359.6	374.5	390.4	416.0
91	315.9	324.8	336.8	351.8	371.8	388.4	414.0
921	633.5	604.7	572.0	542.2	511.4	483.2	455.9

Table CXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 668	R: 669	R: 670	R: 671	R: 672	R: 673	R: 674
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	454.5	481.0	509.6	534.9	567.2	597.9	631.7
93	366.5	383.8	410.6	433.9	459.1	483.1	510.2
94	445.0	471.8	499.8	530.3	563.4	591.3	622.6
95	379.8	382.2	389.7	408.8	427.0	452.1	477.8
125	385.2	392.6	393.3	393.1	396.0	394.2	388.7
126	402.6	404.2	402.9	404.2	404.6	404.6	402.0
128	753.3	725.7	695.9	665.8	636.8	611.0	584.1
132	321.1	321.9	323.6	331.0	343.2	354.3	366.8
201	997.7	976.5	949.9	921.4	890.9	860.6	825.8
202	1063.7	1052.8	1036.9	1019.1	999.1	977.6	950.1
203	1083.5	1083.0	1079.6	1073.7	1065.0	1053.8	1035.3
204	1048.0	1059.2	1069.1	1075.8	1080.0	1081.0	1075.1
205	951.7	974.2	997.1	1016.1	1034.9	1050.3	1060.4
206	840.0	868.6	898.0	924.4	951.8	976.5	999.7
207	744.2	773.8	804.3	833.9	864.3	892.7	922.6
208	677.9	706.6	736.4	766.8	798.2	827.2	859.6
209	895.5	900.9	904.7	906.3	903.3	899.3	889.8
210	965.6	973.9	980.3	984.2	983.8	981.7	973.4
211	1024.0	1034.8	1043.7	1049.9	1052.5	1052.5	1045.6
212	1028.9	1038.0	1046.5	1052.6	1057.4	1059.0	1053.3
213	972.0	977.5	983.3	987.1	990.1	990.2	984.0
214	891.9	894.2	897.3	899.0	899.8	897.6	891.4
215	626.0	595.2	559.3	526.6	500.2	475.3	448.9
216	556.2	564.7	571.5	575.5	578.9	579.6	579.3
217	564.3	571.2	577.9	582.2	586.0	588.4	590.7
218	452.6	478.6	506.9	532.7	565.5	594.4	626.7
219	396.4	401.8	406.4	406.5	414.0	415.8	417.3
220	394.4	393.7	395.3	399.4	406.2	409.6	415.4
221	390.6	386.6	368.7	357.3	355.7	356.2	355.8
222	397.6	391.8	375.0	360.5	358.1	358.8	357.6
223	381.9	375.2	355.8	347.6	347.7	348.5	347.6
224	380.8	374.6	359.4	350.0	348.5	347.8	347.5
225	545.9	519.8	498.2	475.2	450.7	426.7	404.6
226	755.1	725.2	693.3	659.1	627.5	598.8	570.9
227	820.7	791.3	759.4	725.7	692.8	662.3	631.3
228	905.7	877.5	845.2	811.2	775.9	741.9	705.7

Table CXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Inverted, Pressures in psf, Side Probes

Orifice ID	Nominal α						
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°
	R: 668	R: 669	R: 670	R: 671	R: 672	R: 673	R: 674
	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	549.1	575.5	604.8	635.2	666.6	696.7	730.5
230	332.3	345.3	363.2	379.3	404.2	423.9	445.5
231	702.8	703.8	703.4	700.9	696.3	691.0	683.0
232	831.1	833.9	835.0	834.4	830.2	824.9	814.7
233	819.2	818.7	819.0	818.3	816.4	812.0	805.6
234	697.2	695.0	693.8	691.7	688.9	684.7	679.6
235	380.9	399.9	418.3	422.3	428.0	429.3	435.7
236	351.2	373.3	397.2	407.1	420.5	433.2	448.5
237	323.0	337.1	358.4	376.0	390.6	410.1	430.3
238	320.1	332.3	348.9	367.2	383.9	407.3	432.8
239	310.0	321.1	340.4	362.7	380.8	405.4	430.6
240	285.7	293.7	303.8	320.4	328.9	342.6	360.0
241	288.3	307.2	327.2	340.7	354.9	367.7	378.2
242	168.5	163.1	153.6	143.9	135.2	127.6	120.1
243	268.5	258.6	247.0	235.1	224.8	216.3	206.5
244	522.3	493.6	466.6	445.4	429.9	414.5	397.0
245	523.5	506.4	481.9	455.5	430.8	413.5	397.6
246	391.7	414.1	428.4	428.2	427.6	425.6	424.1
247	390.1	403.8	414.1	417.1	421.4	421.2	421.2
248	375.0	375.6	376.5	378.7	373.6	371.7	367.1
249	385.2	383.7	381.6	378.8	377.3	379.1	377.8
250	308.7	334.8	359.3	380.1	395.0	405.0	408.8
251	258.8	267.2	277.6	286.3	292.7	293.2	289.3
252	59.4	60.0	62.1	65.2	68.5	70.1	75.5

Table CXXII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 688	R: 689	R: 690	R: 691	R: 692	R: 693	R: 694	R: 695	R: 696	R: 697	R: 698
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	431.0	449.0	471.3	499.5	525.2	553.7	582.3	610.9	639.9	668.7	699.8
3	530.0	534.6	536.9	540.5	543.6	546.8	549.0	548.1	544.6	539.0	532.5
4	534.3	538.6	545.5	550.9	554.8	556.9	557.1	555.7	553.3	549.4	545.1
5	542.5	543.3	541.3	541.1	541.8	541.9	541.2	537.4	531.3	524.5	517.6
6	544.7	545.3	547.3	548.7	548.4	546.6	540.4	536.1	531.5	526.0	520.4
7	551.5	549.3	543.6	539.8	535.6	534.1	531.4	525.0	516.0	505.7	496.3
8	558.6	556.5	555.4	552.8	549.1	544.3	537.6	531.6	525.6	518.4	511.1
9	614.7	586.3	556.4	528.3	500.9	473.7	449.1	424.3	400.3	378.1	357.1
10	375.4	389.9	413.6	433.5	458.8	485.0	514.3	543.3	572.2	598.6	627.0
11	530.1	530.3	520.3	522.1	525.6	522.1	513.9	506.9	502.3	499.3	502.0
12	520.9	517.3	513.2	522.0	518.3	512.4	507.0	500.6	497.9	496.1	503.1
13	514.6	510.3	505.4	509.1	514.9	510.4	502.0	494.3	489.9	488.5	489.9
14	499.8	498.5	503.0	505.7	501.9	495.9	491.7	487.3	484.8	483.1	484.8
15	500.5	494.9	489.3	490.0	500.1	495.9	488.7	478.0	469.1	464.4	464.0
16	482.0	481.5	481.3	482.0	479.9	478.6	473.7	463.5	456.6	454.5	458.3
17	641.9	622.2	599.4	573.7	541.2	510.5	485.7	460.5	437.1	417.5	397.7
19	428.3	432.7	436.2	436.3	430.1	423.6	422.4	426.5	426.6	422.9	414.6
20	445.7	442.5	444.7	440.8	436.3	435.3	437.0	437.8	433.0	430.0	425.4
21	413.5	412.1	413.7	416.5	419.2	421.1	419.6	420.0	418.3	416.8	416.6
22	410.1	407.9	409.8	414.8	413.0	414.4	412.9	413.9	414.5	415.1	416.4
23	376.7	376.8	376.5	374.5	374.7	375.9	373.5	372.3	370.3	369.3	364.7
24	341.7	344.7	343.1	354.2	348.6	352.3	342.5	342.8	345.4	341.5	337.1
25	374.7	360.1	357.6	358.3	357.1	358.7	358.1	355.4	354.0	352.4	349.4
26	362.9	355.7	353.6	354.1	354.5	354.6	352.2	348.7	348.1	348.4	346.9
43	504.3	509.1	514.5	521.9	529.7	540.9	548.6	552.3	553.5	552.7	550.7
44	497.4	505.0	512.5	520.2	526.3	531.3	536.0	539.1	541.7	542.4	542.7
67	342.6	344.1	347.6	351.4	352.0	350.7	352.9	353.4	353.5	351.3	345.3
68	337.3	341.2	348.6	350.1	350.6	353.8	353.3	353.4	352.2	352.5	350.2
85	556.3	559.3	560.8	561.2	562.0	561.8	561.0	558.5	553.4	546.7	538.5
86	545.1	556.8	573.5	588.9	604.6	617.8	628.1	635.9	643.4	650.0	656.5
87	471.1	488.6	507.3	528.6	551.1	572.0	592.6	611.9	629.9	646.9	664.2
88	396.5	399.7	407.1	425.8	446.7	463.6	480.1	503.0	526.9	554.3	582.7
89	316.8	327.4	341.9	356.4	371.4	390.1	412.8	430.5	451.1	470.5	500.2
90	315.5	324.7	339.6	358.0	376.4	395.8	413.3	431.0	456.2	475.7	503.3
91	317.5	324.7	337.7	353.7	372.6	392.3	411.9	427.0	450.3	472.8	500.8
921	630.2	602.1	570.4	542.1	514.1	484.9	457.7	434.6	411.1	388.6	366.4

Table CXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 688	R: 689	R: 690	R: 691	R: 692	R: 693	R: 694	R: 695	R: 696	R: 697	R: 698
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	455.0	477.5	503.6	529.4	561.7	596.7	627.0	657.1	687.1	717.2	748.8
93	369.7	385.5	408.8	427.5	453.8	479.4	507.8	536.7	563.3	589.1	616.9
94	447.2	468.5	493.9	522.1	557.8	590.2	618.7	647.2	676.1	705.1	736.1
95	380.9	384.2	391.6	410.4	431.5	448.5	465.1	488.1	511.9	539.6	568.0
125	390.9	391.4	394.8	395.0	395.3	393.8	391.3	388.1	383.5	375.8	363.5
126	398.9	400.9	401.6	404.9	402.3	399.7	395.9	392.5	387.1	379.9	370.2
128	753.2	727.3	697.4	667.8	637.3	608.7	582.9	559.5	537.5	517.1	497.9
132	317.5	319.1	323.0	327.6	338.3	346.9	364.8	379.4	395.3	415.1	435.9
201	1001.2	981.2	954.5	927.2	898.5	867.6	837.8	803.9	769.8	734.4	699.8
202	1066.1	1055.6	1041.5	1023.6	1004.7	982.3	960.7	935.7	908.5	879.9	851.6
203	1083.9	1084.3	1082.7	1076.4	1068.0	1056.3	1044.3	1028.5	1009.2	988.4	965.9
204	1046.5	1059.0	1070.0	1076.6	1079.6	1081.5	1081.1	1076.8	1068.5	1059.4	1046.1
205	949.5	972.3	995.7	1015.9	1032.5	1049.1	1061.4	1070.1	1075.1	1079.4	1079.0
206	837.1	864.9	895.3	922.8	949.4	974.6	995.6	1014.7	1030.8	1045.7	1058.1
207	741.5	769.3	801.3	831.1	862.1	891.3	916.0	941.0	964.1	985.3	1006.7
208	675.7	701.6	732.9	763.2	795.5	826.1	852.6	880.0	906.4	931.1	956.9
209	889.6	894.3	897.4	896.9	893.8	891.1	886.0	880.1	871.7	860.9	846.6
210	960.9	968.5	974.9	976.8	975.6	975.2	971.9	967.1	959.4	950.0	935.4
211	1020.7	1031.8	1041.2	1046.4	1047.5	1049.4	1047.8	1043.3	1035.8	1026.5	1012.2
212	1028.7	1040.3	1050.9	1057.6	1061.7	1062.2	1061.4	1057.0	1047.8	1038.1	1025.2
213	972.9	982.1	990.8	995.7	998.4	995.7	993.3	987.5	977.6	967.1	954.6
214	894.4	900.8	907.5	910.6	910.7	905.9	901.6	894.2	884.3	873.0	860.4
215	624.5	596.8	564.5	535.3	510.8	482.0	454.3	430.3	405.7	382.9	361.3
216	556.0	562.2	567.9	571.9	576.2	579.4	581.6	581.6	579.2	575.0	569.0
217	566.5	572.0	579.4	585.2	589.9	592.2	592.1	589.4	586.2	582.8	578.1
218	454.8	474.7	500.7	526.1	559.5	592.4	621.8	650.9	680.2	709.4	740.6
219	400.3	398.0	401.5	404.9	411.1	415.3	417.7	416.4	414.4	412.1	411.0
220	391.4	389.1	394.4	402.6	405.5	410.5	413.2	413.1	411.3	409.4	408.9
221	395.2	390.6	373.5	362.2	358.3	358.7	358.3	357.4	357.6	356.8	355.9
222	389.6	385.7	368.0	358.0	357.3	357.4	358.6	359.9	358.3	353.2	349.8
223	379.8	374.6	359.4	350.1	348.8	352.8	351.6	349.9	349.0	349.0	346.6
224	377.1	370.8	352.2	345.5	347.2	348.5	347.8	349.4	351.0	346.2	340.5
225	546.3	528.3	503.2	475.2	451.7	427.5	407.8	392.5	377.6	363.4	347.4
226	758.3	728.4	696.3	665.9	635.7	606.5	578.3	549.8	520.3	495.6	473.7
227	824.0	795.4	762.7	731.9	700.7	670.3	640.3	608.2	578.2	546.8	514.5
228	909.7	883.0	849.7	817.8	784.7	750.6	717.3	680.0	643.9	605.8	567.5

Table CXXII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 688	R: 689	R: 690	R: 691	R: 692	R: 693	R: 694	R: 695	R: 696	R: 697	R: 698
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	548.2	570.7	599.9	629.7	663.2	695.6	724.6	754.1	784.0	813.3	844.2
230	334.0	343.5	362.2	379.2	398.9	417.9	439.9	461.7	488.4	514.0	541.3
231	696.4	695.5	694.1	691.6	688.0	684.0	678.6	672.3	664.2	654.1	643.2
232	824.6	826.4	827.3	825.0	820.9	816.5	810.2	803.3	793.9	782.3	768.6
233	823.5	826.9	830.4	830.7	827.9	822.0	815.9	807.3	797.3	786.4	774.5
234	703.1	703.7	704.6	703.2	699.8	694.4	687.9	679.2	670.3	661.6	652.0
235	388.0	399.4	411.9	421.4	429.1	432.1	437.8	442.6	439.1	441.2	436.9
236	359.5	374.6	389.8	403.9	420.6	435.4	445.8	457.5	465.9	479.7	489.7
237	330.2	338.2	353.3	368.2	387.9	410.4	427.2	445.2	466.8	498.2	523.0
238	323.6	329.4	346.8	364.1	384.7	407.5	426.4	445.7	468.7	497.5	523.8
239	316.3	322.2	341.0	361.6	384.6	404.3	418.9	440.6	464.4	492.0	520.1
240	295.7	299.8	312.1	322.5	331.8	344.9	361.8	376.7	393.5	412.9	436.0
241	290.4	306.1	324.6	339.5	356.1	369.8	382.2	392.2	400.0	405.8	412.8
242	162.5	162.2	153.7	145.6	137.0	129.3	122.7	116.4	110.8	105.4	100.5
243	265.5	256.8	245.6	236.0	226.4	216.9	208.4	200.2	192.5	186.2	178.5
244	519.1	492.2	469.6	451.0	433.7	413.6	401.7	383.3	367.0	352.8	340.1
245	531.3	509.4	479.5	457.1	432.6	416.3	400.6	384.2	368.3	353.8	339.8
246	395.0	418.4	437.2	438.5	428.9	424.2	424.1	420.2	416.9	415.3	413.9
247	397.2	401.6	408.3	413.5	419.6	422.6	423.2	422.8	417.4	411.6	404.5
248	381.0	382.1	379.3	377.9	375.7	372.2	371.5	365.9	359.0	354.5	350.7
249	383.5	381.9	386.2	378.6	374.9	371.3	367.9	362.8	356.9	354.6	353.7
250	319.1	337.5	358.6	377.5	392.6	403.3	407.7	406.6	399.9	390.6	377.1
251	262.6	268.5	278.9	287.6	294.8	295.4	294.0	289.9	278.7	267.0	261.5
252	58.0	54.1	67.0	69.5	65.3	78.9	78.7	79.5	80.3	90.0	81.5

Table CXXIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 644	R: 645	R: 646	R: 647	R: 648	R: 649	R: 650	R: 651	R: 652	R: 653	R: 654
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	426.3	444.5	470.4	497.2	522.8	549.7	578.4	610.0	639.9	670.6	700.8
3	498.7	502.9	508.8	512.6	516.3	513.2	509.1	511.7	513.0	510.0	504.6
4	557.6	565.2	571.9	575.3	574.7	583.0	591.0	590.2	586.7	582.9	579.3
5	510.5	511.3	512.9	513.5	514.4	506.8	499.2	499.9	499.9	496.2	490.1
6	569.3	572.4	573.8	572.9	569.0	573.5	574.3	568.2	561.5	554.6	548.6
7	519.4	517.4	515.3	512.9	510.4	500.2	489.8	487.0	484.2	477.5	470.1
8	583.1	583.1	580.9	575.9	569.2	570.6	570.9	563.2	554.6	546.2	538.6
9	616.6	588.0	556.2	526.2	501.1	472.6	444.6	422.0	397.9	375.9	357.3
10	371.3	384.0	409.0	433.3	457.0	482.2	513.0	543.9	573.0	600.5	628.2
11	491.4	492.5	491.2	493.1	492.4	479.8	477.7	475.9	471.6	465.8	463.9
12	576.4	576.1	552.6	550.1	545.7	540.7	540.7	533.0	526.9	527.2	535.9
13	479.6	474.3	473.2	479.0	480.6	469.0	465.8	465.0	461.7	458.5	458.5
14	537.3	538.4	533.7	531.9	530.0	525.3	524.6	519.2	515.0	514.6	515.9
15	466.8	462.9	460.9	462.0	460.6	452.3	455.2	455.9	448.5	440.4	434.9
16	522.4	521.9	514.1	512.8	509.1	504.6	501.0	492.9	489.0	490.6	490.4
17	641.3	620.1	595.7	569.7	541.5	512.7	488.6	461.9	439.2	418.6	393.1
19	413.6	409.5	407.1	407.4	405.9	406.4	398.1	395.7	399.1	397.1	391.6
20	460.7	462.8	466.7	465.2	462.7	457.9	464.0	462.7	460.0	455.5	452.6
21	395.1	394.4	394.6	397.4	400.4	397.8	399.8	399.7	400.1	399.7	395.9
22	427.1	431.3	432.2	431.8	431.0	433.1	433.8	434.4	435.4	436.0	437.7
23	349.2	348.9	348.1	349.9	351.7	355.5	357.3	357.6	356.0	351.8	347.5
24	357.6	358.8	358.9	368.0	363.7	374.6	363.9	361.5	364.1	357.8	356.1
25	348.8	339.2	339.9	342.3	341.8	345.4	340.9	338.1	339.6	338.2	335.8
26	383.4	372.5	372.4	373.5	379.4	372.9	374.8	371.7	364.3	364.2	363.4
43	471.2	475.9	484.9	492.6	499.5	501.3	506.5	516.5	518.1	515.2	511.9
44	521.8	530.8	534.5	538.1	542.3	545.0	550.7	552.5	554.0	554.4	554.5
67	318.8	321.3	326.5	331.4	331.3	342.0	337.2	335.6	334.6	332.7	332.3
68	355.1	356.7	362.5	367.3	372.8	374.5	374.3	373.7	371.7	371.3	369.1
85	526.5	528.3	531.0	532.6	533.9	528.4	523.2	522.2	520.8	515.5	507.1
86	561.5	576.0	592.0	606.3	619.2	639.5	657.1	667.7	674.7	682.0	688.9
87	455.0	469.9	490.9	511.2	535.4	551.2	566.7	588.2	607.8	625.7	641.2
88	397.1	396.6	405.7	422.9	443.3	465.4	485.6	507.3	529.1	558.0	584.9
89	312.9	320.5	333.8	349.9	367.6	387.5	406.5	429.5	445.4	468.6	497.5
90	317.1	326.3	343.9	359.2	377.7	399.2	420.1	435.0	461.0	481.5	509.7
91	315.9	321.9	333.5	348.6	367.8	392.5	410.4	428.3	451.4	476.4	503.8
921	627.3	600.9	569.1	538.9	509.3	479.9	453.3	430.9	408.8	386.4	366.5

Table CXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 644	R: 645	R: 646	R: 647	R: 648	R: 649	R: 650	R: 651	R: 652	R: 653	R: 654
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	453.4	477.5	503.4	529.4	557.3	590.6	622.7	656.6	687.7	719.3	750.4
93	365.7	380.4	405.2	429.7	453.3	476.4	507.1	537.6	564.5	590.9	618.1
94	447.2	468.4	494.4	522.8	555.0	586.6	616.8	649.1	678.9	709.6	740.1
95	381.5	380.9	390.1	407.5	427.9	450.2	470.5	492.2	514.2	543.2	570.2
125	367.7	367.5	370.8	372.3	373.2	372.0	371.4	369.9	364.3	356.6	349.5
126	421.1	423.9	420.1	420.2	415.6	419.9	414.6	409.7	403.6	394.8	386.3
128	753.6	726.6	696.7	665.5	634.2	604.3	577.3	555.0	535.0	516.0	497.8
132	319.5	320.6	323.6	329.6	337.8	349.6	364.4	379.5	395.4	416.6	437.6
201	997.3	977.4	954.1	929.3	902.2	869.5	837.2	803.4	770.1	734.6	699.7
202	1062.7	1052.5	1039.6	1024.1	1007.7	984.2	960.7	937.0	909.1	880.3	851.5
203	1081.5	1081.9	1080.9	1076.1	1071.1	1057.9	1044.7	1030.9	1010.6	989.3	966.1
204	1044.0	1056.6	1067.9	1075.5	1082.6	1082.3	1081.4	1079.1	1070.2	1060.0	1046.0
205	947.7	971.1	993.1	1014.1	1033.3	1048.4	1060.7	1070.9	1077.0	1080.3	1079.2
206	836.0	865.2	892.2	920.7	946.9	972.2	994.0	1014.9	1032.7	1047.5	1058.4
207	740.8	770.6	798.8	829.3	857.6	887.3	913.8	941.1	965.7	987.1	1007.1
208	675.0	702.4	730.9	761.0	790.1	821.3	850.0	880.2	907.7	932.8	957.5
209	866.9	871.2	873.7	876.3	876.0	869.4	862.1	853.9	844.5	833.6	819.9
210	940.8	948.7	954.0	959.1	961.3	957.5	952.7	947.0	937.1	927.2	913.6
211	1008.8	1020.3	1028.8	1036.2	1041.4	1040.1	1037.5	1034.0	1024.2	1014.3	1000.2
212	1036.4	1047.3	1058.6	1064.9	1072.4	1073.3	1072.6	1069.6	1061.7	1051.1	1037.3
213	989.9	997.2	1006.2	1010.2	1016.7	1017.7	1015.8	1010.0	1001.9	991.2	977.8
214	917.2	921.6	927.0	929.2	933.3	935.1	931.8	923.1	914.0	903.1	890.2
215	622.6	595.1	562.8	533.3	508.7	478.8	450.8	428.1	405.4	382.7	362.4
216	527.5	532.0	538.0	543.3	548.3	546.2	544.1	545.4	546.4	543.5	537.7
217	588.4	595.2	601.5	605.6	608.0	617.9	624.3	622.7	618.8	614.8	610.7
218	450.6	471.4	497.7	523.5	554.2	585.6	615.2	647.1	677.4	708.1	738.3
219	379.5	381.2	383.3	386.8	393.2	392.1	395.9	395.5	392.9	393.6	388.9
220	406.8	412.7	414.8	418.4	419.6	426.6	433.5	435.8	436.2	434.1	433.5
221	379.3	375.6	360.5	347.6	345.8	341.5	343.8	344.9	344.0	342.8	338.7
222	408.4	405.9	392.2	379.6	378.1	373.1	375.7	375.0	374.8	373.2	367.8
223	367.3	363.2	351.0	341.7	342.6	334.8	338.7	337.0	335.7	332.5	329.8
224	390.7	392.1	378.5	367.7	367.0	367.8	366.9	365.1	365.2	366.6	361.9
225	544.6	524.5	497.9	476.7	453.2	432.4	410.1	392.3	374.9	361.0	345.6
226	757.3	729.0	700.0	669.8	639.8	609.4	579.0	549.7	521.4	495.5	474.2
227	822.3	794.2	765.6	735.9	705.1	672.6	640.2	607.2	578.6	546.7	513.9
228	906.9	879.3	851.3	821.6	789.8	754.2	718.2	679.6	645.0	606.9	568.6

Table CXXIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 644	R: 645	R: 646	R: 647	R: 648	R: 649	R: 650	R: 651	R: 652	R: 653	R: 654
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	546.9	570.9	599.2	627.9	657.3	689.7	720.6	753.8	784.7	815.0	845.1
230	333.8	341.5	359.1	376.8	400.7	425.4	441.4	462.4	490.4	518.1	545.1
231	671.1	670.3	669.4	668.0	665.4	657.3	647.2	639.2	633.2	623.9	613.0
232	801.4	802.8	803.3	803.8	801.6	793.2	784.3	774.5	765.3	753.9	740.2
233	846.4	847.8	849.7	849.7	851.0	852.8	847.9	837.8	827.8	817.3	805.4
234	725.9	725.9	725.6	724.1	722.2	725.6	722.2	712.1	701.9	692.8	683.1
235	369.6	380.7	395.9	405.5	412.5	408.4	412.6	413.2	415.8	414.1	406.3
236	347.3	361.9	379.3	394.8	413.2	415.3	424.9	435.3	447.0	459.4	468.5
237	327.6	335.0	351.0	368.6	387.8	401.9	415.5	441.4	466.6	493.6	514.8
238	322.5	328.3	341.6	360.3	385.5	405.5	421.1	441.4	466.6	494.4	518.7
239	311.2	318.9	336.4	356.6	378.5	400.5	421.2	440.8	464.1	492.1	519.0
240	288.4	291.3	299.7	315.5	330.8	343.4	357.6	370.7	389.0	411.7	434.9
241	296.9	308.8	325.5	341.1	349.5	356.8	366.1	375.5	382.3	386.3	393.1
242	164.7	163.8	155.0	146.2	136.5	125.8	119.7	114.8	109.7	104.7	101.2
243	265.9	257.8	246.9	237.3	223.3	210.2	202.0	195.4	189.5	182.7	175.3
244	522.2	499.7	476.2	454.6	433.1	402.7	389.3	378.0	364.7	349.4	338.9
245	523.9	502.6	482.1	459.0	438.6	416.1	399.1	383.1	368.3	352.0	336.3
246	375.9	375.4	396.5	402.7	401.4	402.8	401.9	393.1	391.2	391.3	391.4
247	379.7	383.7	390.8	397.0	403.0	399.6	399.7	396.1	393.5	386.3	379.8
248	353.4	352.1	353.2	353.7	353.0	358.8	356.7	349.9	345.4	342.8	337.6
249	400.6	400.8	400.2	400.0	394.6	393.6	387.7	380.2	373.2	369.0	365.8
250	280.6	297.3	322.2	345.6	367.5	382.0	391.9	394.3	392.5	386.2	375.3
251	251.3	257.2	267.5	275.4	283.4	288.5	283.5	278.7	268.3	255.7	249.1
252	58.1	55.4	66.8	68.0	69.2	73.5	75.6	79.8	81.7	82.3	82.7

Table CXXIV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: $\beta = -2.0^{\circ}$, $M_{\infty} = 1.50$, $q_{\infty} = 500.0$
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 633	R: 634	R: 635	R: 636	R: 637	R: 638	R: 639	R: 640	R: 641	R: 642	R: 643
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	425.4	447.0	469.2	496.5	523.1	549.4	580.7	608.7	640.0	671.3	701.9
3	552.0	560.6	565.4	567.0	567.7	572.7	576.5	573.5	571.5	568.4	564.6
4	507.8	511.0	515.2	519.8	522.8	520.1	524.8	527.0	526.3	520.6	513.8
5	566.6	570.7	571.0	568.3	566.1	567.3	567.4	561.7	557.1	551.9	546.7
6	517.3	515.9	515.7	517.6	516.7	510.1	509.4	509.9	506.6	499.3	491.2
7	574.4	574.7	571.1	564.7	558.4	556.6	554.2	546.5	539.9	532.2	523.7
8	531.3	527.1	524.1	522.1	518.0	508.2	506.7	505.7	501.3	492.4	483.3
9	614.4	584.2	554.5	525.1	497.3	474.1	446.6	427.7	404.4	382.0	360.4
10	370.6	388.5	412.5	433.0	457.1	483.5	516.5	542.9	571.1	600.9	631.1
11	561.6	566.3	556.5	555.5	550.9	542.9	540.7	537.4	530.8	531.2	546.0
12	489.4	484.1	485.5	491.1	487.1	481.3	479.8	477.2	475.8	474.6	485.1
13	545.9	543.5	540.1	541.3	537.5	529.4	528.2	525.7	519.2	517.8	520.1
14	470.8	467.3	472.4	478.2	474.8	467.6	466.6	464.6	463.2	462.5	461.8
15	531.0	526.4	522.9	524.1	518.7	513.9	511.7	506.4	497.0	494.6	493.8
16	454.7	452.6	451.6	449.8	449.9	447.7	453.1	446.5	439.2	434.7	434.9
17	642.7	623.8	600.6	572.7	538.6	508.0	480.4	458.6	434.8	414.9	392.5
19	445.1	450.9	461.6	460.2	458.0	446.0	443.8	444.8	444.3	443.2	438.4
20	428.8	422.0	420.3	416.5	413.6	419.3	412.5	411.5	414.9	413.7	409.7
21	434.4	435.1	436.0	436.9	437.8	439.6	438.7	438.5	439.1	437.7	435.5
22	393.3	390.2	391.7	393.9	395.2	391.2	399.5	400.2	400.2	404.3	401.2
23	395.7	391.9	390.4	390.0	391.0	388.6	389.0	387.1	390.3	383.2	384.9
24	323.7	324.8	324.4	330.9	333.4	344.3	333.6	335.9	344.9	334.8	326.0
25	394.1	375.8	375.4	377.8	378.0	370.2	373.4	372.2	367.8	367.2	363.5
26	351.0	339.9	338.5	340.2	339.7	347.1	345.7	341.5	339.7	337.7	333.3
43	528.2	537.3	545.2	554.9	559.5	564.2	575.8	579.3	579.8	580.1	579.3
44	473.6	481.0	488.0	495.1	500.3	504.8	514.5	520.0	523.0	522.9	519.2
67	359.3	359.6	360.0	364.8	373.4	368.2	368.7	370.6	369.4	369.7	364.9
68	326.4	328.9	332.3	335.5	335.7	348.6	345.4	343.1	343.6	344.6	339.6
85	581.6	585.3	587.7	587.4	586.6	590.1	590.0	585.9	582.0	577.1	571.6
86	523.8	534.9	547.6	561.2	574.3	581.8	594.2	606.0	615.2	621.4	624.9
87	477.0	499.0	519.7	541.2	563.3	586.8	611.8	630.9	651.6	671.3	690.1
88	390.5	398.6	406.8	423.3	450.1	474.3	495.6	508.7	529.8	554.1	579.2
89	314.0	327.3	341.2	356.9	374.0	396.6	421.2	439.5	457.7	480.2	504.9
90	314.4	326.1	336.8	351.5	373.6	390.2	411.6	431.7	451.8	475.1	499.8
91	313.7	323.5	336.9	353.3	372.1	392.3	413.1	434.1	455.5	478.1	502.6
921	635.5	607.0	577.7	551.4	521.2	487.9	458.3	438.9	416.0	391.2	367.7

Table CXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 633	R: 634	R: 635	R: 636	R: 637	R: 638	R: 639	R: 640	R: 641	R: 642	R: 643
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	451.7	475.5	501.0	527.3	555.4	587.2	622.8	654.6	687.6	718.4	749.9
93	366.7	385.4	409.3	429.0	452.5	476.6	508.9	535.8	561.7	590.6	620.9
94	439.9	463.8	489.3	517.1	551.0	581.1	613.6	642.5	674.0	704.1	734.4
95	374.9	383.0	391.2	407.9	434.8	459.1	480.6	493.7	514.9	539.3	564.4
125	409.9	412.3	410.2	412.2	407.5	413.6	407.0	404.3	396.7	388.7	382.6
126	379.1	381.7	384.5	384.5	383.8	380.3	382.2	380.6	378.6	371.5	362.9
128	754.3	726.6	694.4	660.4	627.1	601.9	577.9	558.4	538.3	517.0	496.8
132	315.8	318.3	323.6	328.6	336.4	352.3	367.7	380.6	389.6	412.9	430.1
201	1001.2	980.5	956.8	931.1	900.2	871.7	838.2	806.0	773.6	739.4	703.5
202	1065.7	1054.9	1041.8	1027.2	1006.6	989.1	962.3	936.5	911.6	884.7	855.5
203	1083.0	1083.5	1082.6	1079.6	1070.7	1063.2	1044.5	1028.2	1011.3	992.6	969.4
204	1045.5	1058.6	1070.1	1079.0	1083.9	1087.5	1081.3	1076.4	1070.2	1063.0	1049.9
205	947.4	971.2	995.3	1016.1	1035.8	1052.0	1061.1	1069.1	1075.6	1082.1	1082.7
206	835.6	864.9	895.0	922.6	950.9	975.6	996.6	1013.8	1030.9	1048.3	1060.7
207	739.8	769.0	800.2	830.2	861.4	889.6	917.4	940.1	963.9	987.7	1008.0
208	673.6	701.0	731.2	761.6	793.5	823.1	853.6	879.2	906.1	932.9	957.4
209	915.0	922.3	925.2	925.1	927.8	928.3	925.9	914.6	904.2	892.6	881.0
210	981.1	990.9	996.7	999.6	1004.6	1006.4	1005.0	994.5	985.6	975.5	963.9
211	1031.4	1043.7	1053.1	1059.5	1065.8	1069.0	1066.5	1058.3	1050.9	1042.2	1029.5
212	1016.6	1027.8	1039.7	1049.1	1051.6	1054.6	1045.4	1042.4	1036.4	1029.5	1016.4
213	952.3	960.5	970.6	977.1	976.4	976.8	965.1	961.7	955.4	947.3	933.7
214	867.9	872.6	880.4	883.0	880.4	877.9	864.9	860.8	854.1	844.6	830.8
215	627.7	596.8	564.1	531.6	504.9	477.6	450.5	431.4	408.8	385.1	362.9
216	578.9	586.7	593.4	597.1	600.5	607.5	611.6	610.2	609.0	606.4	603.6
217	539.5	543.7	549.3	554.1	557.5	556.5	558.6	560.7	559.5	553.5	545.4
218	452.0	474.6	499.7	525.8	556.5	588.7	622.6	652.2	684.3	714.9	745.7
219	419.2	419.7	422.7	426.1	428.1	435.0	437.7	437.5	435.1	436.8	432.4
220	374.7	373.2	377.9	383.3	389.3	387.5	398.3	397.0	394.5	395.5	392.9
221	409.3	406.7	388.7	373.6	373.7	369.9	371.6	372.7	374.5	370.3	368.7
222	379.8	374.5	357.8	344.3	345.0	351.7	344.3	344.7	343.8	341.9	340.1
223	393.0	391.4	377.7	365.2	365.5	365.7	365.5	364.3	363.4	364.5	361.6
224	366.8	361.6	347.4	337.3	336.7	337.8	336.0	332.4	331.5	330.6	329.1
225	549.1	526.4	497.5	470.1	448.3	425.7	408.5	393.4	375.3	360.8	346.8
226	759.0	728.9	697.8	666.7	635.1	604.4	574.6	551.0	524.9	499.7	477.0
227	824.7	796.0	765.3	734.1	701.9	670.1	638.0	610.4	582.3	550.9	517.9
228	909.5	882.0	851.9	820.0	785.9	752.5	716.6	682.0	647.4	610.0	570.3

Table CXXIV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = -2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 633	R: 634	R: 635	R: 636	R: 637	R: 638	R: 639	R: 640	R: 641	R: 642	R: 643
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	545.3	569.7	597.4	627.5	658.8	689.3	723.2	753.2	784.9	814.2	844.7
230	324.3	337.3	356.8	376.7	397.3	420.0	442.9	463.8	486.9	512.6	541.8
231	726.3	727.6	726.3	723.4	721.0	721.5	717.1	709.5	700.1	690.6	681.0
232	852.1	856.4	856.9	854.8	855.1	854.6	850.5	839.8	828.7	816.4	804.6
233	795.3	797.0	801.0	799.5	795.3	790.4	777.3	772.4	765.6	755.1	742.0
234	672.3	671.3	671.6	668.4	664.1	657.8	647.5	644.3	639.4	630.0	618.9
235	394.1	413.8	425.7	441.3	449.8	452.3	454.8	459.4	465.2	464.6	464.8
236	359.5	379.7	397.8	419.1	439.9	455.7	461.5	474.8	491.2	500.7	511.3
237	325.3	338.0	353.8	372.9	400.4	422.1	437.3	457.0	478.8	500.2	531.0
238	317.8	327.9	346.5	368.6	395.4	417.6	432.8	450.6	477.5	502.0	528.2
239	312.8	322.9	340.6	362.6	391.1	416.0	435.9	447.6	469.1	493.5	519.2
240	290.8	297.8	309.6	322.0	332.7	343.3	358.8	376.8	395.1	421.7	447.9
241	279.2	299.1	321.8	345.2	363.8	385.1	391.9	398.6	411.6	424.6	433.7
242	170.3	163.3	154.9	146.0	135.4	124.0	117.8	113.9	109.0	104.3	99.9
243	267.4	257.0	245.6	235.9	222.4	209.0	201.6	196.5	189.8	182.7	175.1
244	522.6	496.8	479.4	453.3	428.7	408.3	392.0	384.5	371.7	359.9	346.8
245	527.2	504.3	479.4	458.4	439.2	417.4	397.4	384.0	372.0	358.2	344.8
246	422.5	448.4	454.7	457.9	448.2	441.5	446.6	442.0	439.3	437.3	436.5
247	409.6	418.9	428.6	435.1	439.3	440.7	442.4	440.5	441.8	438.0	429.6
248	398.9	398.1	396.9	396.4	395.0	386.3	385.2	379.8	374.9	370.1	366.8
249	361.0	359.8	362.0	363.1	360.6	363.9	364.2	359.0	350.4	344.9	342.3
250	346.4	366.7	385.0	400.5	416.0	424.8	423.0	419.0	409.6	396.9	374.1
251	269.8	279.1	289.5	300.2	304.6	302.5	303.1	294.4	283.0	275.7	271.8
252	54.5	52.9	64.2	67.0	60.6	72.8	78.0	78.7	80.9	80.9	81.5

Table CXXV: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 6.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 659	R: 660	R: 661	R: 662	R: 663	R: 664	R: 665	R: 666	R: 667
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	441.2	463.8	490.3	516.8	546.4	573.5	602.8	632.5	664.9
3	453.8	455.1	457.9	460.8	460.7	460.7	458.2	455.9	451.2
4	612.9	621.4	628.2	635.2	642.1	647.0	648.6	647.3	645.8
5	460.5	458.8	457.6	456.7	454.0	451.7	447.5	444.6	439.8
6	623.0	625.9	627.4	630.4	631.8	629.6	625.6	619.9	614.7
7	466.8	463.3	459.5	454.9	449.5	443.6	436.2	430.8	424.7
8	634.4	634.1	631.6	629.3	626.8	623.1	616.8	609.1	601.8
9	579.3	551.3	524.8	497.2	465.5	441.7	418.5	396.2	373.9
10	384.7	402.8	425.8	452.3	480.0	505.6	534.6	564.7	595.2
11	440.1	439.7	438.7	434.3	422.8	419.6	410.2	407.1	404.7
12	631.7	624.7	613.8	609.0	607.1	603.2	597.3	589.7	582.0
13	425.7	423.6	425.5	424.1	419.1	416.6	410.4	408.0	404.4
14	601.2	601.7	600.4	596.4	592.7	586.2	580.5	573.6	566.6
15	415.4	412.3	410.9	410.6	405.2	400.4	395.9	395.9	395.8
16	583.5	581.3	575.7	571.8	569.8	565.2	556.4	547.5	539.3
17	603.6	571.8	542.0	511.9	482.2	461.2	435.4	414.3	391.5
19	375.3	372.1	369.3	365.6	363.9	365.7	360.2	355.5	353.6
20	508.9	510.1	509.2	507.4	505.0	505.3	508.7	509.1	507.0
21	361.0	361.3	364.7	368.5	363.9	362.7	365.7	366.5	361.8
22	473.3	475.0	474.7	477.7	476.1	473.7	475.6	476.9	477.9
23	318.3	321.0	325.0	327.3	330.4	327.1	325.2	324.3	319.9
24	397.5	396.4	400.2	403.5	413.7	409.1	408.0	406.5	400.5
25	322.3	317.0	318.1	322.3	318.6	316.4	316.2	317.8	315.4
26	409.1	409.8	408.9	408.5	409.0	412.3	406.3	402.3	402.8
43	429.7	433.9	438.2	439.6	441.9	441.0	438.7	441.8	441.4
44	569.1	573.0	573.2	574.5	580.0	585.1	591.7	593.7	597.5
67	305.8	309.7	312.6	312.4	311.1	313.7	310.3	310.5	308.4
68	397.5	401.2	403.1	404.6	409.3	412.8	413.2	412.7	412.9
85	470.6	470.8	474.2	475.0	471.5	469.5	464.9	460.9	455.2
86	619.2	638.4	655.4	673.4	691.6	707.6	720.3	731.1	741.9
87	441.2	454.3	472.7	493.4	510.3	526.7	541.7	557.7	573.9
88	398.0	406.4	422.1	443.3	466.0	484.3	506.3	532.7	561.7
89	317.9	329.8	344.6	361.8	381.7	398.0	416.4	438.2	462.5
90	327.5	341.3	358.2	376.2	397.7	421.7	446.5	467.8	493.5
91	323.1	334.3	348.0	364.5	384.4	403.7	425.8	449.5	476.3
921	596.5	569.7	542.5	512.3	481.5	456.9	432.2	408.6	384.3

Table CXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal α 0.0° R: 659 Pi	2.0° R: 660 Pi	4.0° R: 661 Pi	6.0° R: 662 Pi	8.0° R: 663 Pi	10.0° R: 664 Pi	12.0° R: 665 Pi	14.0° R: 666 Pi	16.0° R: 667 Pi
922	475.1	500.1	525.3	555.5	588.0	618.7	650.1	681.5	714.2
93	379.3	398.8	421.7	447.2	473.9	499.8	529.1	557.7	586.1
94	468.9	493.8	522.3	555.2	586.6	615.7	646.2	676.8	709.3
95	382.4	390.8	406.7	428.1	450.8	469.2	491.3	517.8	546.9
125	332.7	333.2	335.8	341.9	343.6	343.9	340.2	337.5	331.1
126	460.8	470.3	470.4	465.2	462.4	457.0	449.8	442.3	432.6
128	722.5	690.6	657.6	625.4	594.8	570.3	548.1	527.2	506.6
132	313.4	319.2	325.7	334.2	347.6	360.3	374.7	393.2	413.9
201	966.1	942.6	917.2	889.4	858.0	828.6	793.9	763.4	728.0
202	1040.8	1027.5	1011.5	993.5	971.8	951.0	924.7	901.3	872.0
203	1071.1	1069.8	1065.1	1057.8	1046.4	1034.5	1018.7	1003.0	980.2
204	1046.4	1057.9	1066.2	1070.8	1071.3	1070.8	1067.7	1062.6	1050.0
205	962.1	985.1	1006.0	1024.0	1038.3	1050.4	1061.6	1068.6	1070.2
206	857.2	886.7	914.7	940.9	964.7	986.0	1007.5	1024.0	1038.5
207	763.8	794.6	824.3	853.4	881.5	907.8	934.3	956.7	979.6
208	697.3	727.2	756.8	786.8	816.6	844.8	873.8	899.3	926.2
209	811.3	814.1	815.4	814.3	809.6	805.9	795.9	787.5	774.1
210	896.9	903.0	907.3	908.4	905.5	905.1	896.3	889.1	876.5
211	986.3	996.1	1003.1	1006.7	1005.5	1006.6	1000.0	993.9	981.0
212	1061.1	1072.2	1078.9	1083.7	1085.2	1082.5	1081.5	1075.8	1063.8
213	1032.5	1041.9	1046.1	1049.9	1050.7	1045.9	1044.2	1036.7	1025.3
214	973.5	980.0	982.2	984.4	983.7	977.9	974.2	964.6	953.8
215	580.6	551.1	525.7	498.4	469.4	447.0	424.6	402.8	380.6
216	476.4	480.7	486.0	488.9	487.5	487.9	485.8	484.3	480.4
217	648.9	657.7	664.8	671.8	678.0	681.9	682.3	680.5	678.7
218	466.0	488.3	514.0	546.6	577.1	605.0	634.6	664.2	696.1
219	348.8	352.4	357.6	363.1	359.0	360.1	361.2	358.7	354.4
220	449.0	454.6	457.6	462.4	466.6	469.7	478.4	482.3	484.4
221	353.2	344.2	332.0	322.8	322.1	321.4	320.6	318.5	314.0
222	441.3	426.4	417.0	413.7	409.1	408.7	413.2	413.2	408.9
223	342.5	334.2	321.3	316.7	315.2	313.8	310.7	307.2	300.9
224	420.7	409.1	396.6	400.0	402.9	400.3	402.7	406.3	404.5
225	513.7	494.1	471.5	449.9	426.0	405.5	386.1	370.4	349.9
226	724.3	695.6	666.8	636.6	604.6	576.8	549.5	522.5	494.6
227	785.4	756.7	728.0	697.4	664.6	635.2	604.2	575.9	542.6
228	871.6	842.4	812.4	779.8	744.9	711.6	674.8	641.4	603.6

Table CXXV: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 6.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal α								
	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°
fice	R: 659	R: 660	R: 661	R: 662	R: 663	R: 664	R: 665	R: 666	R: 667
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	567.6	595.4	624.2	654.6	685.8	716.0	747.1	777.4	809.2
230	340.7	354.4	373.6	396.8	421.1	442.1	465.5	489.2	516.5
231	605.3	603.9	603.0	600.4	594.1	587.2	579.3	572.1	561.6
232	742.3	742.7	742.1	739.3	733.4	727.2	717.2	707.9	694.2
233	905.5	908.6	909.2	909.0	907.2	900.9	894.8	884.5	874.7
234	789.2	790.7	790.1	789.3	786.8	781.5	774.0	764.3	755.1
235	358.6	366.9	373.6	373.0	369.9	366.4	365.1	360.4	350.7
236	348.5	360.7	370.5	375.8	377.4	384.9	396.5	405.7	410.6
237	331.9	339.4	350.0	366.3	385.9	403.9	425.4	445.7	464.4
238	324.5	335.5	350.8	367.9	386.7	404.7	427.0	452.2	479.2
239	326.5	338.5	355.4	375.7	397.7	416.3	438.5	464.5	492.8
240	292.1	298.2	309.3	322.5	335.9	349.9	367.6	388.0	412.0
241	310.8	318.2	327.2	332.9	338.8	344.0	345.7	347.3	347.4
242	153.9	150.6	144.3	138.2	134.0	133.2	131.0	128.6	125.4
243	248.5	239.6	229.4	219.0	207.3	199.3	190.9	183.6	175.5
244	487.9	468.9	445.3	421.4	398.7	380.7	365.9	358.5	343.5
245	496.7	473.4	454.8	432.7	409.4	393.6	375.6	361.3	348.0
246	344.2	356.7	366.5	367.9	360.5	360.3	362.9	355.7	349.9
247	354.7	356.6	364.3	368.5	362.8	357.8	353.8	350.2	341.0
248	318.2	320.2	325.4	326.1	331.0	330.1	324.9	321.8	317.0
249	441.1	437.1	433.9	435.1	435.7	428.5	418.8	412.0	406.7
250	241.6	265.1	292.8	318.2	339.2	348.9	363.9	368.1	366.9
251	244.3	251.1	257.7	267.7	267.6	267.3	263.9	257.4	242.9
252	53.4	64.0	65.1	67.4	70.3	71.7	73.8	74.5	86.8

Table CXXVI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 6.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-	Nominal β											
	-6.0°	-4.0°	-3.0°	-2.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
fice	R: 683	R: 676	R: 677	R: 678	R: 679	R: 680	R: 681	R: 682	R: 684	R: 685	R: 686	R: 687
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	522.0	522.9	524.7	525.5	525.4	525.6	526.5	528.2	529.0	528.2	528.2	526.6
3	627.1	600.9	584.5	569.9	556.3	551.3	542.7	534.9	514.8	503.0	494.5	468.3
4	472.0	492.5	508.3	523.2	539.1	546.2	554.3	562.3	582.7	594.6	607.3	637.9
5	627.0	600.4	583.0	568.5	554.2	549.2	540.7	532.8	512.8	500.3	491.4	464.1
6	465.7	486.0	502.1	517.3	532.8	539.8	547.8	555.7	575.8	588.0	601.2	631.8
7	618.5	592.1	574.8	560.9	547.1	542.5	534.3	526.9	508.8	497.5	489.1	461.7
8	465.5	485.2	502.2	517.5	533.3	540.7	548.0	555.8	575.0	586.7	599.0	628.7
9	497.3	497.6	497.6	496.8	497.0	496.3	497.7	498.8	504.8	501.0	498.5	495.4
10	457.8	458.3	458.2	459.1	461.4	460.8	460.1	461.3	463.2	463.1	463.5	460.3
11	613.8	583.5	564.6	551.9	536.5	527.0	524.7	517.1	496.2	484.2	470.4	434.9
12	435.5	458.8	473.1	486.8	503.8	512.1	517.2	524.7	546.8	561.3	575.4	609.2
13	602.5	576.4	554.7	540.5	524.4	514.1	514.5	506.5	487.7	476.0	462.6	429.3
14	426.8	451.2	463.9	475.2	489.8	496.8	501.1	508.8	532.7	549.9	566.8	597.1
15	580.8	551.0	534.6	519.7	505.9	496.3	499.3	487.6	469.6	456.4	442.2	411.2
16	400.2	423.0	436.4	450.0	466.7	474.6	479.4	488.4	512.0	526.2	541.8	573.0
17	516.1	529.5	534.9	538.3	536.2	537.0	539.2	544.8	545.8	544.5	535.5	513.4
19	497.3	476.8	462.3	459.0	442.6	434.9	428.5	423.1	406.3	395.0	387.2	372.0
20	373.8	392.7	403.5	414.1	424.9	431.6	435.8	442.0	458.5	471.9	484.5	511.1
21	487.0	466.2	452.2	440.5	429.0	426.0	419.5	416.9	402.3	395.3	388.5	371.9
22	365.1	378.5	386.6	395.4	404.3	409.2	412.6	421.6	428.9	438.3	447.2	475.6
23	427.3	407.8	397.3	391.3	379.9	379.9	373.1	366.6	359.6	353.9	350.5	334.2
24	310.6	319.3	329.1	333.7	341.8	346.0	348.1	355.3	364.2	375.7	380.1	399.7
25	409.4	395.2	387.2	378.7	367.1	360.9	356.9	357.6	348.9	339.4	332.0	320.8
26	319.0	328.4	333.6	339.9	349.5	353.9	353.9	356.5	373.6	381.8	389.8	413.6
43	608.2	589.5	572.4	561.0	548.3	537.5	529.5	526.4	502.6	493.5	481.0	444.8
44	446.2	470.4	485.2	500.8	515.8	522.1	526.1	531.0	542.1	548.6	554.5	577.6
67	404.2	387.6	380.6	375.0	358.9	355.1	351.6	351.0	338.8	333.0	326.8	315.9
68	317.7	328.7	334.6	336.5	343.8	348.2	350.0	352.6	368.9	377.7	384.6	407.6
85	652.5	621.0	604.0	587.7	571.9	566.4	560.5	553.0	531.3	516.7	506.5	481.3
86	525.4	545.2	560.8	575.8	589.6	596.9	605.0	613.0	629.4	640.6	653.0	680.0
87	595.7	582.0	574.1	565.9	558.7	556.2	551.5	548.1	537.1	528.0	522.3	501.7
88	438.5	444.7	449.0	452.9	452.2	450.1	448.7	448.6	448.4	449.9	450.9	450.3
89	381.2	378.9	377.7	376.5	374.6	373.2	372.6	374.6	373.1	370.1	366.8	361.9
90	366.2	370.3	373.9	375.7	378.1	377.7	377.3	378.0	379.6	381.0	381.9	383.2
91	374.7	375.0	374.7	375.0	374.8	374.5	374.4	375.0	373.9	373.3	372.5	369.1
921	508.6	510.6	514.6	519.1	520.2	516.9	510.4	507.6	506.1	503.6	505.8	509.0

Table CXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β -6.0° R: 683 Pi	-4.0° R: 676 Pi	-3.0° R: 677 Pi	-2.0° R: 678 Pi	-.5° R: 679 Pi	0.0° R: 680 Pi	.5° R: 681 Pi	1.0° R: 682 Pi	2.0° R: 684 Pi	3.0° R: 685 Pi	4.0° R: 686 Pi	6.0° R: 687 Pi
922	553.2	553.4	555.4	557.1	558.2	559.5	562.1	564.8	566.2	565.5	565.6	564.4
93	452.8	452.7	451.4	453.6	456.0	454.8	454.2	455.5	457.1	457.1	456.9	453.5
94	547.0	547.7	550.8	553.4	555.0	556.5	558.9	561.9	564.1	564.0	564.8	565.0
95	423.9	429.3	433.7	437.6	436.9	434.8	433.5	433.3	433.1	434.5	435.6	434.9
125	460.3	442.3	425.9	410.5	404.8	398.4	395.1	393.1	378.8	370.6	365.6	353.0
126	349.5	362.7	373.8	382.0	391.9	399.2	400.9	404.3	413.8	422.7	433.5	456.1
128	626.0	629.5	627.9	627.7	630.6	633.6	635.5	634.7	631.2	627.1	624.2	625.7
132	334.3	336.0	337.6	337.7	339.9	340.5	339.1	339.2	335.2	335.8	336.1	332.5
201	893.6	901.3	902.1	901.6	899.6	898.9	895.6	891.6	888.9	887.4	886.1	881.1
202	1000.1	1008.9	1009.0	1008.8	1006.5	1005.9	1002.2	998.0	995.5	994.6	992.6	985.3
203	1063.4	1072.4	1072.5	1072.7	1070.7	1069.0	1065.4	1062.2	1061.0	1060.5	1058.2	1049.6
204	1077.2	1085.8	1085.7	1086.0	1084.4	1081.3	1077.5	1075.7	1076.0	1075.6	1072.9	1063.5
205	1026.7	1036.8	1037.5	1037.9	1037.5	1034.5	1031.0	1031.3	1031.9	1031.3	1028.1	1018.4
206	942.1	951.7	952.7	952.7	952.1	950.4	948.3	949.5	949.9	948.7	945.8	937.0
207	853.8	861.7	862.8	863.0	862.4	861.9	861.3	862.9	863.2	861.6	859.3	851.2
208	788.1	793.7	795.0	795.3	795.0	794.9	795.1	796.9	797.0	795.4	793.5	786.5
209	983.4	958.7	943.6	928.4	909.9	901.3	891.4	885.5	868.5	853.8	839.5	807.2
210	1045.7	1029.4	1017.6	1005.6	990.2	982.7	972.9	968.0	954.2	942.5	929.7	900.2
211	1083.4	1079.3	1073.3	1067.2	1058.1	1052.6	1045.2	1041.9	1034.4	1028.0	1019.2	998.2
212	1021.0	1041.2	1047.3	1054.2	1060.1	1059.8	1059.9	1060.1	1067.0	1071.7	1075.1	1078.2
213	926.2	954.6	966.8	978.8	990.6	993.2	997.4	999.6	1012.0	1021.3	1030.6	1046.3
214	817.4	849.6	866.8	882.5	898.2	903.5	910.1	915.0	931.0	943.3	956.7	983.2
215	511.1	507.9	505.5	503.9	506.3	506.2	507.6	508.2	506.9	500.2	497.2	495.7
216	663.7	633.9	617.3	601.9	586.4	581.1	575.1	567.8	545.9	531.4	520.9	494.9
217	501.1	525.7	542.9	559.4	574.3	581.6	589.8	597.8	616.0	629.1	643.4	674.6
218	559.6	557.9	558.7	559.3	559.1	559.7	561.0	562.8	562.3	560.7	559.9	556.4
219	478.9	455.7	441.5	430.0	420.6	417.1	411.1	408.1	394.0	387.0	381.3	365.1
220	359.9	372.6	380.5	389.2	398.8	403.5	405.3	412.4	419.4	426.8	435.1	460.1
221	409.1	395.9	385.1	375.9	367.1	362.9	357.7	354.3	344.7	339.8	335.7	327.8
222	327.7	332.8	339.0	344.9	347.8	352.5	356.0	360.1	368.5	376.6	387.5	406.4
223	399.3	381.9	374.1	367.2	359.5	355.6	348.4	345.2	338.6	334.5	329.8	316.0
224	314.1	326.0	331.1	336.6	340.0	342.8	346.6	349.8	359.5	365.5	373.6	395.4
225	435.5	443.8	446.5	446.9	450.4	449.1	447.5	444.4	450.0	449.5	447.4	444.5
226	624.7	631.7	634.3	635.2	635.2	634.8	633.5	632.1	632.6	631.5	631.5	632.9
227	693.1	699.6	701.7	702.4	701.5	700.5	698.3	696.1	695.5	695.3	695.3	692.6
228	777.2	784.7	786.9	787.3	786.1	785.2	782.6	779.2	777.5	777.1	776.5	774.2

Table CXXVI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 6.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β											
	-6.0°	-4.0°	-3.0°	-2.0°	-.5°	0.0°	.5°	1.0°	2.0°	3.0°	4.0°	6.0°
	R: 683	R: 676	R: 677	R: 678	R: 679	R: 680	R: 681	R: 682	R: 684	R: 685	R: 686	R: 687
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	656.6	658.5	659.9	660.9	661.4	662.0	663.3	665.3	665.7	664.3	663.5	659.1
230	396.4	397.6	398.2	400.0	401.5	401.8	401.2	401.4	399.0	397.2	396.6	394.3
231	791.9	758.6	740.0	722.0	703.4	694.7	686.2	680.6	660.4	644.5	630.5	600.0
232	917.3	888.2	872.0	855.3	836.7	828.1	818.4	812.5	794.4	779.1	765.0	734.1
233	732.9	763.6	781.4	797.5	814.0	820.4	827.4	833.6	850.5	864.0	878.6	908.8
234	599.2	628.2	648.2	665.1	683.1	691.4	699.2	706.5	724.8	739.5	754.6	788.1
235	492.9	477.8	464.7	450.7	437.9	434.7	428.3	422.3	406.9	399.5	391.5	375.2
236	469.5	459.9	452.9	441.3	429.9	425.8	420.2	414.7	404.6	398.7	391.0	375.8
237	408.4	411.9	409.6	404.9	399.4	394.6	390.5	388.5	386.3	382.2	380.7	374.3
238	393.5	401.6	402.4	399.7	394.1	390.3	387.6	386.6	384.9	384.1	383.4	375.6
239	382.9	389.0	395.0	395.3	392.8	390.0	387.8	386.2	382.8	383.5	384.6	384.5
240	334.3	335.7	335.7	334.7	334.6	334.4	333.2	333.4	335.2	332.4	328.6	325.0
241	371.5	367.1	364.8	365.1	362.3	359.4	356.3	357.2	352.9	350.5	347.1	336.7
242	132.0	130.0	129.9	130.1	130.6	130.8	130.7	131.4	132.0	132.1	132.4	134.6
243	216.1	215.3	216.3	219.3	222.8	223.6	223.9	223.8	223.9	219.3	217.0	216.0
244	424.4	427.5	425.5	426.9	426.9	426.5	431.1	428.7	429.5	426.6	423.0	422.6
245	432.0	431.6	432.2	437.8	436.4	434.8	429.9	434.5	434.6	435.4	436.3	435.0
246	499.6	479.8	462.0	448.6	448.0	435.5	427.2	421.7	406.7	394.7	385.5	367.1
247	490.2	472.6	455.4	442.3	430.5	424.8	419.7	414.1	399.3	392.4	387.2	372.3
248	436.7	409.1	399.7	395.6	387.1	385.2	374.2	368.6	361.8	356.0	349.4	332.2
249	332.5	342.3	351.9	359.9	368.0	372.1	374.2	380.2	394.3	403.4	409.6	431.2
250	458.3	442.5	432.6	417.7	405.0	402.3	393.6	391.0	371.6	358.2	347.3	323.4
251	326.9	313.2	310.5	305.6	302.4	298.6	294.6	290.5	285.6	278.2	277.3	269.2
252	67.0	69.7	61.5	62.7	63.1	63.9	65.4	67.7	68.1	66.7	66.0	61.4

Table CXXVII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β -2.0° R: 658 Pi	0.0° R: 655 Pi	2.0° R: 656 Pi	6.0° R: 657 Pi
2	580.4	587.7	583.5	577.3
3	575.1	549.6	516.3	463.7
4	525.0	558.5	586.9	645.6
5	565.8	541.0	506.2	454.7
6	509.4	541.0	569.5	627.8
7	552.5	530.6	495.8	445.6
8	507.2	537.7	565.6	620.5
9	446.1	443.3	441.3	436.9
10	516.2	519.8	518.0	509.2
11	539.3	512.7	487.1	422.3
12	480.3	507.0	535.2	600.5
13	523.6	498.0	478.1	423.6
14	466.8	492.3	520.3	584.2
15	510.4	487.3	464.8	402.8
16	453.5	473.2	495.8	562.7
17	479.8	483.1	485.2	458.4
19	442.2	422.9	402.2	367.7
20	412.3	438.8	461.8	504.4
21	436.8	419.3	404.5	368.0
22	400.2	413.5	431.3	471.3
23	388.1	373.5	361.0	327.9
24	334.5	341.2	357.6	405.7
25	372.8	358.2	342.4	317.2
26	345.9	352.5	372.9	410.8
43	574.6	550.4	517.1	444.9
44	514.6	537.9	550.0	583.7
67	367.8	353.8	340.5	315.0
68	345.6	354.1	370.9	411.5
85	589.1	561.3	528.2	470.5
86	594.1	630.7	655.4	707.5
87	611.2	596.5	574.0	530.5
88	494.6	485.8	489.0	487.9
89	420.9	417.9	410.8	400.8
90	411.6	416.8	421.4	424.3
91	412.5	417.3	414.9	407.9
921	458.3	449.9	447.6	450.5

Table CXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Orifice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 658	R: 655	R: 656	R: 657
	Pi	Pi	Pi	Pi
922	622.5	629.8	626.3	620.3
93	508.7	511.3	510.4	502.1
94	613.3	622.7	620.8	618.2
95	479.5	470.6	474.0	472.8
125	405.0	390.1	376.8	348.0
126	384.0	394.8	409.4	452.4
128	577.0	581.6	576.4	567.9
132	367.5	369.6	368.1	363.2
201	837.1	837.7	835.2	826.2
202	961.0	962.4	960.3	950.1
203	1043.1	1046.1	1044.6	1033.9
204	1079.7	1083.3	1082.0	1070.6
205	1059.8	1063.9	1062.3	1050.3
206	995.3	998.4	996.3	986.1
207	916.0	918.7	916.4	907.9
208	852.8	855.5	853.1	845.7
209	924.2	887.4	864.9	805.2
210	1003.4	973.8	955.2	904.3
211	1064.7	1050.3	1039.4	1006.2
212	1044.3	1063.8	1072.1	1081.6
213	963.8	995.9	1014.0	1044.7
214	863.7	903.9	928.7	976.5
215	450.2	447.5	446.6	441.9
216	610.5	582.3	549.5	489.9
217	558.1	593.6	621.3	680.9
218	622.2	626.6	620.3	608.5
219	436.8	418.2	400.5	363.5
220	399.2	414.5	432.0	468.8
221	370.4	358.2	348.2	323.9
222	345.8	359.6	371.5	405.8
223	364.6	351.0	341.9	314.9
224	337.1	348.5	362.1	397.8
225	409.2	402.4	406.9	400.1
226	573.8	576.4	575.9	573.4
227	637.0	639.1	637.4	632.2
228	715.4	717.8	716.2	709.8

Table CXXVII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf, Side Probes

Ori-fice ID	Nominal β			
	-2.0°	0.0°	2.0°	6.0°
	R: 658	R: 655	R: 656	R: 657
	Pi	Pi	Pi	Pi
229	722.7	727.7	724.4	717.6
230	442.6	446.9	446.0	446.3
231	715.9	678.8	651.1	587.6
232	848.9	811.2	787.0	726.5
233	776.5	817.6	844.6	899.6
234	647.4	688.7	717.3	779.3
235	454.2	439.1	416.6	367.9
236	461.1	447.3	428.7	387.4
237	436.6	433.0	421.9	409.8
238	432.2	432.9	426.4	410.3
239	434.7	425.3	425.9	421.2
240	358.8	368.1	363.2	353.8
241	391.5	384.5	371.4	346.2
242	119.1	110.9	114.8	126.0
243	202.7	203.8	202.2	196.0
244	392.1	398.0	389.5	376.6
245	397.5	395.9	396.1	390.0
246	446.1	424.3	402.3	363.2
247	441.1	424.1	405.1	361.6
248	384.4	371.5	358.6	330.9
249	364.4	367.8	382.4	426.4
250	422.5	408.7	396.8	352.9
251	302.5	293.9	285.3	268.2
252	77.4	72.2	79.2	73.3

Table CXXVIII: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 565.0
Upright, Pressures in psf

Ori-	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1124	R: 1125	R: 1126	R: 1127	R: 1128	R: 1129	R: 1130	R: 1131	R: 1132	R: 1133	R: 1134	R: 1135
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	471.5	480.2	509.2	531.0	564.0	590.5	625.3	657.7	691.2	723.6	756.9	790.0
3	591.5	594.8	602.1	604.3	608.3	611.9	615.3	617.7	617.1	613.0	606.6	599.4
4	597.5	599.4	606.1	613.6	619.9	624.4	627.2	627.3	626.2	623.1	618.8	613.6
5	608.2	609.5	611.4	609.3	609.4	611.4	609.9	608.5	604.7	597.7	590.0	582.3
6	612.3	612.1	613.2	615.9	618.2	618.8	616.1	608.3	603.7	598.7	592.4	585.9
7	620.4	620.0	617.2	611.1	606.1	602.9	600.4	597.8	590.5	580.4	568.7	558.3
8	629.2	627.6	625.4	624.7	621.7	618.3	612.6	604.8	598.2	591.6	583.4	575.2
9	711.1	693.6	656.9	626.2	592.6	564.9	531.9	502.6	473.2	447.4	422.9	400.1
10	411.1	416.4	440.4	464.1	489.3	514.9	546.4	581.1	614.5	646.9	676.7	706.9
11	539.5	543.1	543.4	541.3	540.8	545.7	549.6	547.5	544.2	540.2	535.2	529.0
12	524.1	523.4	527.5	532.3	541.0	542.8	544.4	545.9	544.9	542.3	538.3	535.1
13	541.7	542.4	538.2	537.2	540.6	546.2	547.8	543.8	538.9	535.2	531.1	526.6
14	527.5	528.6	530.4	536.5	541.6	541.6	539.7	539.5	538.3	535.6	532.5	530.9
15	556.6	555.5	546.5	541.9	541.4	546.1	543.3	536.6	527.2	520.3	514.2	507.8
16	533.2	532.8	531.0	531.6	531.5	527.8	525.8	523.0	517.4	512.8	508.2	507.8
17	733.8	723.2	699.2	674.0	644.5	609.9	571.8	543.3	514.5	488.0	466.4	446.2
19	481.7	484.1	494.3	494.2	492.9	486.0	478.1	477.8	478.8	478.2	474.1	466.2
20	489.5	491.5	493.7	499.1	497.3	491.3	489.1	487.8	493.5	486.9	482.4	477.5
21	469.5	468.0	466.3	468.6	470.8	472.7	474.4	473.2	471.9	470.8	473.0	472.1
22	463.2	463.4	460.6	462.6	468.0	465.4	468.2	466.5	466.8	468.2	470.9	472.0
23	422.5	424.9	426.3	425.3	421.9	422.3	422.2	421.1	418.3	416.6	417.2	411.6
24	384.9	386.8	391.0	389.6	399.6	392.8	389.7	390.5	390.7	386.5	385.1	380.2
25	434.0	424.2	404.4	402.2	403.3	402.0	403.8	402.6	399.9	399.3	396.9	393.5
26	417.0	409.3	398.8	397.6	397.8	397.6	396.6	394.7	391.2	391.0	392.1	390.0
43	528.4	533.8	540.0	545.5	554.6	560.9	571.5	577.9	580.6	579.9	576.8	572.5
44	506.9	511.4	521.4	531.1	542.0	548.7	555.2	561.2	564.5	566.5	565.9	563.8
67	388.7	385.2	387.5	390.4	395.1	396.4	395.0	397.6	397.9	398.4	395.0	388.9
68	378.5	377.2	383.3	390.7	393.4	394.5	396.1	395.3	396.9	396.2	396.5	392.9
85	621.7	623.7	628.0	629.9	630.6	631.5	631.0	630.1	627.8	622.1	614.6	605.2
86	603.6	610.3	626.6	644.5	663.0	679.8	695.7	707.6	716.9	725.6	733.3	739.9
87	515.6	525.0	551.6	570.1	595.7	619.3	644.6	668.3	690.9	711.2	730.7	749.2
88	436.1	437.3	439.3	452.0	476.1	497.7	517.0	537.2	563.5	589.3	621.6	650.6
89	348.5	353.4	371.7	386.0	402.9	418.1	441.2	468.0	487.9	509.5	532.4	565.7
90	350.0	354.5	369.0	384.3	406.3	426.3	447.9	466.2	488.9	516.8	538.6	569.4
91	351.6	351.7	364.9	378.6	399.8	420.2	444.9	467.6	485.1	510.7	537.4	568.1
921	727.1	709.7	671.9	638.1	605.6	578.0	541.2	510.5	482.8	457.5	431.6	408.3

Table CXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 565.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1124	R: 1125	R: 1126	R: 1127	R: 1128	R: 1129	R: 1130	R: 1131	R: 1132	R: 1133	R: 1134	R: 1135
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	497.7	509.2	538.1	566.0	595.8	629.3	671.6	707.0	741.0	775.6	810.4	844.4
93	404.7	412.6	434.9	459.4	482.9	509.5	539.6	573.6	605.4	635.3	664.4	694.2
94	487.0	497.3	528.1	554.6	588.0	626.1	665.2	698.0	730.7	763.6	797.1	829.9
95	420.5	421.7	423.7	436.6	460.7	482.6	501.8	522.2	548.5	574.6	606.8	636.0
125	436.5	439.0	440.7	444.5	444.0	444.8	442.2	439.7	437.1	430.9	421.3	407.5
126	444.3	445.1	451.0	451.9	454.9	452.4	449.6	445.1	442.2	435.1	427.2	416.1
128	862.3	848.3	818.1	785.7	751.1	719.4	684.2	654.3	629.1	603.9	580.6	559.3
132	355.1	355.3	358.3	363.2	369.1	380.5	391.4	411.6	429.6	446.7	469.3	492.0
201	1135.5	1125.6	1102.1	1073.7	1041.6	1012.3	975.2	940.7	904.6	864.8	825.0	786.0
202	1202.6	1198.6	1186.5	1171.6	1151.3	1131.7	1104.9	1080.5	1054.6	1023.4	991.4	959.0
203	1215.7	1217.9	1218.9	1217.2	1210.6	1201.7	1188.6	1174.8	1158.4	1137.1	1114.2	1087.8
204	1166.4	1175.4	1190.9	1202.7	1211.5	1214.0	1217.5	1217.2	1212.7	1204.7	1194.8	1178.5
205	1052.1	1065.7	1093.7	1119.3	1143.6	1161.0	1181.5	1195.9	1205.3	1213.1	1217.9	1216.5
206	921.8	938.0	971.8	1004.6	1038.0	1065.6	1096.1	1120.6	1141.8	1161.8	1178.5	1192.0
207	812.4	829.2	863.9	898.6	935.0	967.5	1001.9	1031.4	1059.1	1086.4	1110.9	1134.0
208	743.1	758.4	792.2	826.4	863.5	897.9	934.3	965.9	996.8	1028.1	1056.8	1084.9
209	997.0	999.6	1005.6	1009.6	1009.1	1005.8	1002.6	997.0	991.8	982.6	970.4	953.8
210	1074.6	1079.3	1089.3	1096.2	1099.2	1097.5	1097.2	1093.7	1089.7	1081.8	1070.9	1053.8
211	1138.1	1145.6	1159.3	1169.8	1176.4	1177.1	1179.8	1178.4	1174.1	1167.1	1156.3	1138.9
212	1147.3	1155.8	1169.9	1181.5	1190.5	1194.1	1195.9	1195.3	1190.5	1181.2	1170.8	1155.3
213	1082.5	1089.1	1100.6	1110.2	1117.0	1119.9	1117.5	1114.9	1108.9	1098.4	1086.9	1071.6
214	996.0	1000.6	1009.6	1016.9	1021.4	1021.6	1016.0	1011.5	1003.8	992.7	980.4	965.5
215	721.6	704.6	668.0	634.3	599.5	575.7	539.5	507.8	479.7	453.4	427.8	405.0
216	619.7	623.6	632.4	638.5	643.6	648.3	651.9	654.1	654.9	652.2	647.3	640.6
217	632.1	635.4	642.6	650.9	658.0	663.2	666.0	666.1	663.5	660.0	656.2	650.6
218	496.9	505.8	535.9	562.6	592.6	627.7	667.7	701.5	735.2	768.1	801.9	835.1
219	451.1	451.6	448.7	452.5	455.7	462.2	467.3	470.3	467.9	466.1	463.3	462.1
220	439.2	439.5	436.4	441.9	451.9	454.5	462.7	464.9	464.8	462.0	459.9	458.3
221	443.2	445.7	438.5	420.9	407.4	403.6	403.8	402.9	403.1	403.2	402.4	400.8
222	436.8	438.1	431.1	413.5	402.0	402.2	402.8	403.4	404.3	403.0	397.2	393.9
223	426.6	427.9	420.5	404.7	392.6	392.5	396.7	395.3	394.4	393.2	393.4	390.6
224	421.7	423.8	415.1	396.6	388.1	389.9	391.6	391.0	393.8	395.0	389.8	383.1
225	630.3	616.2	590.1	563.6	531.8	507.6	477.2	454.5	437.1	422.0	405.3	388.1
226	868.7	852.6	817.1	782.8	746.8	715.6	680.6	648.1	616.2	582.8	555.1	531.1
227	941.6	926.9	893.4	857.9	821.2	789.1	752.6	717.9	682.6	648.3	612.2	576.1
228	1037.3	1023.2	992.8	956.8	919.1	885.1	844.6	805.7	766.4	724.2	680.5	637.7

Table CXXVIII: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 565.0
Upright, Pressures in psf

Orifice ID	Nominal α											
	-3.0°	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1124	R: 1125	R: 1126	R: 1127	R: 1128	R: 1129	R: 1130	R: 1131	R: 1132	R: 1133	R: 1134	R: 1135
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	597.2	611.4	642.1	673.7	709.9	745.2	783.8	817.7	851.5	885.8	919.7	952.7
230	359.0	359.8	380.1	399.3	420.3	441.8	467.5	491.1	518.0	550.2	580.0	610.9
231	783.5	782.8	782.1	780.8	778.2	774.5	769.4	763.5	757.1	747.9	736.5	724.1
232	925.8	926.6	929.4	930.5	928.0	923.6	918.3	911.6	905.0	894.6	881.3	865.4
233	922.1	925.1	930.1	933.8	934.8	932.4	925.0	918.3	909.9	898.7	886.6	872.7
234	788.1	789.4	790.8	791.9	790.9	787.6	780.9	773.7	764.7	754.9	745.2	733.9
235	422.4	427.9	443.9	458.3	472.0	481.7	485.5	491.9	498.4	493.8	496.5	491.6
236	391.1	400.4	422.2	440.1	455.9	473.9	490.6	502.4	515.7	526.3	541.7	551.9
237	359.5	362.5	380.4	395.1	412.9	434.7	462.9	482.0	503.3	528.2	565.3	591.0
238	352.5	354.1	368.3	385.5	408.2	431.1	459.3	481.1	504.2	530.5	563.9	591.8
239	354.2	354.2	369.2	387.5	410.8	434.6	458.7	475.4	501.1	527.2	559.4	589.0
240	328.0	327.8	339.3	352.0	365.2	375.2	392.1	408.0	425.8	446.0	468.5	494.2
241	316.0	320.9	343.9	363.8	382.5	400.3	418.0	431.5	443.5	451.3	458.2	466.1
242	188.5	192.5	182.7	173.5	162.8	152.7	143.3	135.2	126.4	121.9	115.5	111.1
243	303.3	299.8	285.7	274.9	263.4	253.4	241.8	231.8	221.6	214.0	206.8	198.4
244	602.2	586.2	551.9	528.1	506.1	488.5	463.3	449.2	426.6	409.6	393.8	380.1
245	602.6	594.2	567.4	538.4	510.7	485.8	465.2	448.9	430.4	413.7	397.9	383.0
246	485.1	487.7	494.9	503.9	497.1	481.0	474.4	473.5	474.8	474.7	467.3	464.5
247	443.3	445.3	454.7	461.7	467.7	472.1	475.0	476.8	475.6	468.4	461.7	454.1
248	429.5	429.1	430.9	427.0	425.3	423.2	419.6	418.4	411.0	403.5	399.0	396.1
249	429.0	431.1	430.1	434.6	426.0	422.2	417.2	414.2	407.6	401.7	397.8	395.5
250	343.3	353.9	381.3	402.2	424.7	440.5	453.6	458.3	457.8	449.4	438.7	421.7
251	289.2	292.4	303.5	313.7	323.5	330.3	331.8	330.7	326.2	311.9	299.1	294.0
252	55.7	61.6	60.4	68.0	78.4	76.4	76.7	81.9	86.8	92.5	96.8	90.6

Table CXXIX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1100	R: 1101	R: 1102	R: 1103	R: 1104	R: 1105	R: 1106	R: 1107	R: 1108	R: 1109	R: 1110
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	423.0	450.0	470.4	497.9	523.5	551.9	581.7	610.2	640.3	668.9	700.7
3	527.2	535.2	536.8	539.9	543.1	546.0	548.5	547.8	544.5	539.4	532.7
4	531.8	539.1	545.0	550.3	553.9	556.2	556.4	555.2	553.0	549.5	545.1
5	540.5	543.5	541.2	540.5	541.2	540.9	540.3	536.9	530.9	524.5	517.4
6	543.3	545.5	546.9	548.1	547.6	545.9	539.7	535.5	531.2	526.2	520.4
7	550.4	549.0	543.1	538.8	535.5	533.6	531.2	525.2	516.0	506.2	496.4
8	557.5	556.6	554.8	552.1	548.4	543.6	536.7	530.9	525.1	518.3	511.0
9	617.4	584.9	555.4	528.0	501.0	474.1	447.3	423.5	399.2	377.9	356.2
10	368.4	390.6	411.8	432.8	457.2	482.8	513.8	542.4	572.3	598.2	627.2
11	479.8	482.1	479.6	480.1	486.6	488.1	485.8	483.2	479.5	475.2	469.6
12	465.5	469.7	473.1	480.3	481.6	482.8	484.1	483.4	481.4	478.5	475.9
13	480.7	479.4	477.3	478.9	485.8	486.0	482.6	479.2	475.3	471.9	467.7
14	469.7	472.4	476.0	480.5	480.2	478.5	478.5	477.3	475.4	472.9	471.7
15	492.7	486.6	481.6	481.0	486.9	482.6	476.5	469.2	462.4	457.1	450.9
16	473.6	473.2	472.6	472.5	468.5	466.8	464.5	459.4	455.3	451.7	451.3
17	642.5	621.7	598.4	572.7	541.3	509.9	484.5	459.6	436.0	418.1	398.4
19	430.5	440.0	440.8	438.3	431.7	426.4	425.8	425.1	424.5	421.7	414.7
20	436.5	439.4	443.1	441.0	435.8	433.2	431.3	435.3	432.5	429.0	424.3
21	415.2	414.9	415.6	417.5	419.5	420.9	419.7	418.8	417.7	418.9	418.6
22	411.5	410.6	410.8	415.1	413.3	415.5	414.4	414.5	415.4	417.6	419.1
23	377.0	379.2	377.6	374.6	374.4	374.6	373.8	371.5	370.1	370.5	365.4
24	343.8	348.1	346.4	353.9	348.8	346.2	346.0	346.7	343.3	341.3	337.4
25	378.0	360.4	357.7	358.3	357.0	358.4	357.8	355.3	354.5	353.2	349.7
26	365.0	355.4	353.5	353.2	353.4	352.7	351.1	347.3	346.9	348.2	346.7
43	472.3	480.0	484.4	491.5	498.2	506.7	512.4	514.7	514.3	512.1	508.4
44	453.6	463.9	472.2	480.8	486.9	492.2	497.6	500.4	502.4	502.2	500.8
67	341.8	344.8	347.1	351.2	352.3	351.0	353.2	353.6	353.8	351.8	346.2
68	334.9	341.3	347.0	349.3	350.6	351.7	351.7	352.1	351.6	352.4	349.9
85	554.3	559.4	560.2	560.9	561.7	561.0	560.4	557.9	553.2	547.0	538.6
86	541.0	557.3	572.9	588.3	603.4	616.4	627.2	635.2	643.3	650.0	657.0
87	464.5	489.8	506.6	527.8	549.8	570.7	592.3	611.4	630.4	647.4	665.1
88	394.7	401.3	409.8	427.9	448.2	464.8	482.2	504.1	528.6	556.1	584.8
89	312.1	330.0	342.7	356.7	371.1	389.1	413.0	430.5	451.1	470.4	501.3
90	312.9	327.8	341.6	358.8	376.3	395.5	413.4	431.6	456.9	475.7	504.5
91	312.1	324.4	335.8	352.0	370.8	390.7	411.5	426.9	450.5	472.8	502.1
921	634.5	601.6	570.7	542.7	515.3	485.4	456.4	434.1	409.9	388.2	365.5

Table CXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1100	R: 1101	R: 1102	R: 1103	R: 1104	R: 1105	R: 1106	R: 1107	R: 1108	R: 1109	R: 1110
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	450.0	478.0	503.7	529.3	560.3	594.7	626.2	656.5	687.7	717.3	749.8
93	364.9	385.5	407.4	427.1	452.0	476.8	506.8	535.3	562.9	587.9	616.3
94	440.0	469.3	493.4	521.3	555.9	588.2	617.9	646.5	676.6	705.2	736.9
95	379.2	385.6	394.2	412.4	433.0	449.6	467.0	489.0	513.6	541.3	570.0
125	388.9	392.3	394.6	394.5	395.1	393.1	390.8	387.9	383.0	375.8	362.6
126	395.0	400.9	401.4	404.1	402.2	399.6	395.8	393.0	387.2	380.3	370.4
128	754.1	727.6	696.0	667.4	637.4	608.7	582.1	559.0	537.0	517.1	497.4
132	315.7	319.1	322.6	327.3	337.6	346.4	364.6	378.8	395.3	415.2	436.5
201	1000.5	980.3	952.4	925.5	897.6	867.1	837.2	803.9	769.3	735.2	698.8
202	1064.6	1055.1	1039.4	1021.9	1003.6	981.3	960.4	935.4	908.6	881.2	851.3
203	1081.1	1083.5	1081.1	1074.6	1066.1	1054.8	1043.2	1027.8	1009.2	989.5	965.5
204	1042.9	1058.5	1069.1	1075.2	1077.7	1079.9	1079.6	1075.5	1068.8	1060.1	1045.7
205	944.7	972.3	995.3	1015.1	1030.7	1047.5	1060.0	1068.8	1075.5	1079.8	1079.3
206	830.9	863.7	893.5	921.2	946.0	971.4	992.8	1012.4	1029.9	1044.7	1057.4
207	735.9	768.2	800.0	830.3	859.6	888.3	913.9	939.2	963.6	984.7	1006.7
208	673.1	704.8	735.6	766.6	797.6	828.0	855.7	883.6	911.4	936.1	962.7
209	887.2	893.8	896.6	895.8	892.8	890.0	885.4	879.9	872.1	861.7	846.5
210	957.9	968.0	973.9	975.5	974.1	973.6	970.9	966.6	959.9	950.5	935.0
211	1016.3	1030.1	1039.4	1043.7	1044.6	1046.5	1045.5	1041.3	1034.8	1026.0	1010.4
212	1025.4	1040.0	1050.3	1056.5	1059.9	1060.8	1060.1	1055.8	1047.9	1038.8	1025.2
213	966.4	978.3	986.3	991.5	993.5	991.0	988.8	983.4	974.2	964.5	951.1
214	888.1	897.6	903.1	906.5	906.2	901.4	897.4	890.2	881.0	870.4	857.2
215	628.2	596.0	564.5	535.9	511.7	482.7	453.2	430.2	405.2	382.9	360.8
216	553.3	562.6	567.4	571.6	575.9	578.6	581.0	581.1	579.1	575.4	569.2
217	564.0	571.7	578.6	584.4	588.6	590.9	591.1	588.5	585.7	582.7	578.0
218	446.8	475.4	499.6	524.8	557.3	590.1	620.9	649.9	680.4	709.2	741.2
219	400.7	399.6	401.9	404.7	410.2	414.8	417.2	415.6	413.8	411.1	410.6
220	390.3	389.0	392.5	400.7	403.3	409.8	412.4	412.4	410.0	407.7	406.6
221	395.4	390.3	374.5	362.8	359.0	358.7	357.6	357.4	358.0	357.3	356.3
222	389.3	384.5	368.7	358.5	357.4	357.1	357.8	358.4	357.8	352.9	349.8
223	379.6	374.8	360.2	349.8	349.1	352.4	351.5	350.2	349.5	349.6	347.2
224	376.5	370.5	353.6	345.7	346.6	347.7	347.1	348.6	350.6	346.2	340.4
225	549.1	525.9	501.6	474.3	450.5	426.4	405.5	391.1	376.3	362.2	345.6
226	758.7	727.5	694.1	664.3	635.0	605.9	577.0	548.8	519.0	495.1	472.6
227	824.5	795.1	760.7	730.3	700.1	669.9	639.4	607.8	577.3	546.8	513.2
228	910.0	883.1	847.8	816.4	784.4	750.9	717.6	680.4	643.9	606.9	567.3

Table CXXIX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 0.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Ori-fice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1100	R: 1101	R: 1102	R: 1103	R: 1104	R: 1105	R: 1106	R: 1107	R: 1108	R: 1109	R: 1110
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	542.7	572.0	600.1	630.1	662.3	694.1	724.4	754.3	785.3	814.1	845.8
230	319.6	339.4	356.7	374.1	394.7	414.4	436.8	458.4	487.7	513.7	543.1
231	694.8	695.5	693.5	691.2	687.7	683.4	678.2	672.1	664.2	654.7	643.2
232	822.6	825.9	826.0	823.8	819.7	815.3	809.6	802.9	793.8	782.7	768.2
233	821.7	827.4	829.8	830.6	827.4	821.4	815.6	807.4	797.8	787.5	775.2
234	701.0	704.0	703.7	702.7	699.1	693.6	687.1	678.9	670.3	662.1	652.0
235	378.0	393.3	406.6	418.3	427.4	431.2	436.2	440.4	438.5	440.9	436.6
236	354.7	375.8	389.1	404.2	420.9	435.2	445.5	456.5	466.5	480.1	490.9
237	321.2	338.4	350.6	365.2	385.1	408.5	426.3	443.7	467.3	498.9	524.4
238	314.1	327.2	342.2	359.9	381.0	404.8	425.1	444.2	468.6	497.7	524.7
239	314.2	327.8	344.1	364.4	386.7	406.6	421.9	442.8	467.3	494.9	523.4
240	290.6	300.7	311.6	321.7	330.6	343.9	361.2	376.1	394.1	413.0	436.8
241	284.1	304.9	322.5	338.4	354.8	369.5	382.3	392.6	400.3	406.3	413.8
242	171.6	164.0	156.1	147.4	138.2	130.2	122.5	116.6	110.7	105.2	100.4
243	266.7	254.9	244.9	235.0	225.3	215.8	206.5	199.0	191.1	184.7	177.0
244	522.5	491.5	469.5	451.4	433.7	413.1	400.1	381.9	365.3	351.6	338.5
245	529.4	505.6	478.3	454.9	431.9	415.3	400.2	384.7	368.6	354.8	341.2
246	433.3	440.4	448.4	443.0	429.6	422.6	421.8	422.6	421.9	420.0	413.1
247	394.8	403.7	409.8	415.1	419.7	421.4	422.6	422.7	416.2	410.4	403.5
248	380.9	383.0	379.2	377.4	375.4	372.4	371.7	365.9	358.8	354.4	352.3
249	382.2	382.9	385.7	378.8	374.7	370.8	367.6	362.5	357.1	353.4	351.5
250	311.6	338.2	357.5	376.4	391.2	401.9	407.0	406.1	399.6	390.5	375.4
251	258.8	269.4	278.3	286.6	292.9	294.5	293.9	289.7	278.2	266.9	261.5
252	59.0	53.7	65.4	68.4	62.6	75.8	77.0	78.2	80.1	89.6	81.6

Table CXXX: AEDC 16' Tunnel - 10% Model
Nominal Conditions: β = 2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Ori-	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
fice	R: 1113	R: 1114	R: 1115	R: 1116	R: 1117	R: 1118	R: 1119	R: 1120	R: 1121	R: 1122	R: 1123
ID	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
2	426.6	443.5	469.7	496.2	524.5	549.6	579.2	609.4	638.9	669.9	699.8
3	497.9	503.4	509.7	513.7	515.4	512.7	510.7	512.2	511.8	508.3	503.2
4	559.7	565.7	572.4	575.4	576.1	583.4	588.6	588.5	585.6	581.9	578.3
5	509.2	511.8	513.8	514.5	513.1	505.9	500.1	499.9	498.4	494.1	488.4
6	571.4	573.5	574.8	573.2	570.2	573.8	571.6	566.7	560.4	553.7	547.5
7	518.9	518.8	517.0	514.6	509.6	500.0	490.8	487.4	483.2	475.9	469.0
8	585.2	584.2	581.8	576.2	570.1	570.8	568.2	561.5	553.6	545.1	537.5
9	616.7	590.5	558.1	527.4	499.0	471.9	442.1	419.5	396.2	373.3	355.5
10	370.5	383.4	408.5	432.1	459.1	482.4	514.1	542.9	571.4	599.3	626.6
11	450.4	452.4	454.7	455.9	456.5	452.4	457.0	458.4	454.8	448.1	442.5
12	499.7	501.6	500.9	505.2	509.8	509.0	514.4	512.8	510.4	507.9	505.6
13	450.3	450.5	451.9	454.1	454.6	449.2	451.0	453.6	451.3	446.3	442.2
14	503.7	504.3	503.1	505.9	508.5	505.6	508.0	505.8	503.2	501.3	499.9
15	462.7	460.6	458.4	457.9	453.9	446.1	446.9	445.9	439.2	431.8	425.9
16	506.9	504.7	499.7	497.1	495.2	492.9	493.5	486.8	482.6	480.1	478.8
17	641.8	622.5	597.3	571.4	541.0	512.4	486.1	461.2	437.8	414.8	389.2
19	412.3	413.0	410.9	409.4	406.6	408.8	401.3	394.7	396.9	395.3	392.0
20	459.7	462.0	468.0	466.6	463.5	458.6	458.2	458.1	458.3	452.9	449.4
21	395.6	396.6	397.7	399.4	400.3	398.0	401.2	399.2	399.9	400.5	396.3
22	430.6	434.5	435.1	433.2	434.1	434.6	435.6	434.3	435.3	437.8	439.9
23	349.4	350.4	349.6	350.5	351.4	354.7	359.3	357.5	354.5	351.1	346.7
24	362.7	363.3	361.7	369.3	364.8	371.3	364.3	362.7	360.5	357.2	356.2
25	348.7	339.6	340.1	342.6	340.3	345.0	340.5	337.9	339.0	337.1	335.0
26	384.6	373.1	372.8	373.2	380.5	372.1	373.3	369.5	363.0	362.8	362.4
43	445.9	451.5	460.8	468.2	473.8	475.4	480.5	487.0	485.7	482.1	479.2
44	482.7	490.9	498.8	505.6	512.9	515.3	525.2	528.9	530.2	530.4	530.1
67	318.1	321.0	326.5	330.8	331.5	341.9	338.0	336.4	334.3	332.0	331.9
68	356.2	356.9	362.6	366.9	373.9	372.6	372.2	372.1	370.0	370.7	368.2
85	526.1	529.0	532.0	533.4	532.8	527.5	524.6	522.7	519.8	513.6	505.6
86	563.4	576.1	592.2	606.2	621.2	640.0	655.4	665.8	673.4	680.9	687.8
87	454.8	469.5	490.9	511.0	536.1	550.9	568.7	588.8	607.0	624.7	640.1
88	396.9	397.1	405.5	422.0	445.1	465.5	487.3	507.4	529.0	559.1	585.1
89	314.2	321.3	334.0	349.1	368.4	387.2	407.6	429.9	444.5	468.5	497.0
90	316.5	325.2	343.2	358.6	379.4	400.0	420.5	435.6	461.9	482.4	510.8
91	316.1	321.7	333.3	347.7	369.6	392.6	411.3	429.1	450.7	476.8	503.9
921	628.4	604.1	572.1	541.3	507.1	479.7	450.9	428.6	407.8	384.7	365.7

Table CXXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1113	R: 1114	R: 1115	R: 1116	R: 1117	R: 1118	R: 1119	R: 1120	R: 1121	R: 1122	R: 1123
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
922	454.5	476.6	503.5	528.8	558.8	590.5	622.9	654.8	686.7	718.3	749.3
93	364.8	379.3	404.6	428.3	454.7	476.2	507.1	535.4	562.6	589.0	616.1
94	448.0	467.3	494.0	521.7	556.9	586.5	617.2	647.7	677.8	708.7	738.9
95	381.4	381.5	390.0	406.5	429.7	450.4	472.2	492.4	514.1	544.3	570.5
125	366.8	368.5	372.2	373.7	373.0	371.2	372.8	369.9	363.4	355.3	348.2
126	423.6	425.0	421.3	420.2	416.9	420.0	413.4	408.9	403.6	394.5	386.2
128	754.6	729.7	699.0	667.6	632.8	603.1	575.6	554.4	533.7	514.1	495.8
132	319.2	320.5	323.8	329.3	339.2	350.1	365.5	380.2	394.9	416.2	437.2
201	998.1	980.2	956.1	930.7	901.1	868.8	835.3	803.7	768.2	732.0	697.3
202	1063.9	1054.9	1041.6	1025.5	1006.9	983.8	959.4	937.5	907.0	878.5	849.2
203	1082.3	1083.0	1082.0	1076.9	1070.0	1057.3	1042.7	1030.0	1007.8	986.8	963.0
204	1045.1	1057.1	1068.4	1075.6	1081.5	1081.6	1079.2	1076.6	1067.3	1057.4	1042.7
205	949.1	970.9	993.5	1014.0	1032.8	1047.8	1059.0	1068.5	1074.5	1077.9	1076.6
206	835.8	863.0	891.0	918.7	945.6	970.0	991.4	1010.8	1029.0	1043.6	1054.8
207	741.2	768.5	798.0	827.6	857.4	885.6	912.1	937.4	962.7	984.1	1004.1
208	679.0	704.5	734.3	763.6	794.8	824.8	853.7	882.4	910.5	935.6	960.9
209	867.4	872.3	874.5	876.8	874.4	867.9	862.0	854.1	842.7	831.5	817.3
210	941.6	949.8	954.8	959.3	959.8	956.0	952.1	946.3	935.2	925.0	910.6
211	1008.4	1019.6	1028.2	1035.1	1038.5	1037.7	1034.8	1031.1	1020.2	1010.3	995.4
212	1038.0	1048.1	1059.4	1065.4	1072.3	1073.0	1070.1	1067.5	1059.3	1049.0	1034.4
213	987.6	994.2	1002.8	1006.5	1013.3	1013.4	1009.0	1003.9	995.9	985.1	971.4
214	915.4	918.9	923.9	925.6	930.9	931.5	925.0	917.5	908.5	897.7	884.7
215	623.2	598.3	565.5	535.3	506.4	478.3	448.8	426.1	404.3	380.8	361.5
216	527.1	532.5	538.8	544.0	547.3	545.4	545.4	545.9	545.3	541.7	536.3
217	590.0	595.7	602.0	605.5	609.2	617.9	621.6	620.7	617.1	613.4	609.1
218	450.8	469.8	497.0	522.2	555.8	585.0	615.8	646.2	676.0	706.9	736.9
219	379.6	382.4	384.8	387.4	392.7	392.1	396.3	395.7	391.8	391.5	387.2
220	408.3	413.2	414.8	416.7	420.4	427.8	432.0	434.3	435.2	432.3	430.7
221	379.0	375.8	361.6	347.6	345.4	341.3	345.7	345.1	343.5	342.1	337.7
222	411.4	408.1	394.3	380.2	379.8	374.0	373.7	374.3	373.4	371.9	367.7
223	367.5	365.3	353.6	343.2	342.4	334.5	339.7	337.0	335.1	331.6	329.2
224	392.3	392.8	380.1	368.1	367.5	367.8	365.0	364.2	364.8	365.2	360.8
225	543.5	525.9	498.6	477.0	450.0	431.3	407.7	390.3	373.9	359.4	344.6
226	757.0	730.9	701.0	670.8	637.7	608.1	576.2	548.0	519.2	492.5	471.7
227	822.5	797.0	767.1	737.3	703.6	671.7	637.7	606.3	576.6	543.6	511.4
228	907.9	883.1	853.7	823.7	789.4	753.9	716.8	681.3	643.9	605.3	567.0

Table CXXX: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: β = 2.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal α										
	-2.0°	0.0°	2.0°	4.0°	6.0°	8.0°	10.0°	12.0°	14.0°	16.0°	18.0°
	R: 1113	R: 1114	R: 1115	R: 1116	R: 1117	R: 1118	R: 1119	R: 1120	R: 1121	R: 1122	R: 1123
	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi	Pi
229	548.6	570.9	600.0	627.9	659.4	690.1	721.5	753.1	784.4	814.4	844.6
230	331.1	339.0	357.1	374.6	403.0	425.0	441.1	462.4	489.1	516.6	543.4
231	671.0	671.7	670.7	669.0	664.0	656.4	647.9	639.6	631.9	621.9	611.2
232	801.5	803.9	804.0	804.0	799.8	791.8	784.1	774.7	763.6	751.7	737.6
233	849.0	849.7	851.1	850.4	853.0	853.5	845.6	836.5	826.7	816.6	804.3
234	728.3	727.2	726.5	724.2	723.8	726.0	719.3	710.2	700.6	691.6	681.8
235	364.4	375.4	391.7	403.1	412.1	406.5	412.3	412.8	414.3	411.6	402.6
236	346.2	360.7	379.3	396.0	412.8	414.6	426.0	436.1	447.3	459.7	468.6
237	324.8	331.7	347.7	365.7	387.8	401.6	417.3	442.7	466.7	493.4	514.2
238	319.5	325.6	340.2	358.3	387.2	405.7	422.4	441.8	466.2	494.5	518.7
239	317.5	324.7	341.6	360.6	384.7	404.6	426.3	444.6	467.0	496.1	521.9
240	288.2	291.4	299.8	314.0	328.3	338.6	354.7	371.2	389.0	412.1	435.2
241	293.8	306.6	324.7	340.5	348.9	357.3	368.3	376.7	382.1	386.0	393.7
242	167.0	165.4	156.9	148.0	135.5	126.0	119.0	113.9	109.4	104.6	101.6
243	264.1	257.5	246.8	237.0	220.2	208.6	200.2	193.6	187.9	181.0	173.9
244	521.3	500.6	477.2	455.1	430.1	401.2	387.8	376.4	362.8	346.9	336.6
245	524.2	503.6	483.3	459.3	436.0	415.5	397.0	381.3	367.1	350.7	335.7
246	410.3	412.2	411.3	409.8	401.2	400.5	403.1	397.6	395.9	392.0	389.1
247	379.8	385.7	393.7	399.4	402.5	398.3	401.0	395.0	391.4	383.7	377.7
248	353.3	352.9	354.1	354.2	352.9	359.2	356.6	350.2	345.0	340.8	338.0
249	402.7	402.1	400.9	400.8	395.0	394.3	384.9	379.0	372.7	367.0	363.0
250	277.6	295.6	321.1	343.1	367.2	380.7	392.9	394.0	391.1	383.8	372.6
251	250.5	256.7	267.5	274.7	282.5	288.4	283.7	278.4	267.1	254.2	248.3
252	58.0	53.2	65.5	66.0	69.7	72.1	74.7	77.0	79.4	80.0	80.5

Table CXXXI: AEDC 16' Tunnel - 10% Model
Nominal Conditions: α = 10.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1111 Pi	Nominal β 2.0° R: 1112 Pi
2	588.4	581.4
3	548.8	512.7
4	557.4	589.3
5	539.5	502.2
6	539.9	572.2
7	529.5	492.5
8	536.2	568.3
9	439.1	441.4
10	520.6	516.3
11	485.3	460.6
12	485.2	514.6
13	480.2	457.4
14	479.4	508.7
15	474.7	449.4
16	464.4	493.6
17	480.3	485.9
19	425.1	402.3
20	432.4	459.0
21	418.9	402.6
22	415.1	435.9
23	373.8	360.3
24	347.0	364.2
25	357.4	340.8
26	350.9	373.9
43	513.8	483.3
44	499.6	525.7
67	353.9	338.9
68	352.3	372.2
85	560.2	525.4
86	629.9	656.8
87	596.8	570.8
88	489.9	489.0
89	419.4	409.5
90	417.5	421.7
91	418.4	413.2
921	445.8	449.3

Table CXXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1111 Pi	Nominal β 2.0° R: 1112 Pi
922	629.3	625.0
93	511.1	508.9
94	622.7	619.2
95	474.7	473.8
125	389.0	375.0
126	394.2	412.2
128	579.6	576.0
132	369.9	366.9
201	835.5	835.3
202	961.1	959.8
203	1044.1	1043.6
204	1081.3	1080.4
205	1062.2	1060.7
206	995.1	993.5
207	916.2	914.1
208	858.6	856.0
209	885.8	862.3
210	971.9	952.7
211	1046.8	1036.0
212	1061.9	1071.5
213	990.2	1010.6
214	898.3	926.6
215	443.9	447.8
216	581.5	546.5
217	592.2	622.9
218	626.8	618.0
219	417.3	397.6
220	413.5	432.6
221	357.5	347.4
222	358.7	373.1
223	350.9	340.7
224	347.8	364.3
225	398.4	406.8
226	573.4	576.0
227	636.4	637.6
228	717.1	716.9

Table CXXXI: AEDC 16' Tunnel - 10% Model(continued)
Nominal Conditions: α = 10.0°, M_∞ = 1.50, q_∞ = 500.0
Upright, Pressures in psf

Orifice ID	Nominal β 0.0° R: 1111 Pi	Nominal β 2.0° R: 1112 Pi
229	727.9	723.8
230	445.3	443.2
231	677.6	648.5
232	809.8	784.4
233	816.6	847.0
234	687.3	720.0
235	437.6	413.5
236	447.7	427.0
237	433.6	419.5
238	433.2	424.2
239	430.5	428.2
240	368.8	356.7
241	385.1	369.7
242	109.4	115.7
243	199.8	200.1
244	393.8	388.1
245	393.9	396.6
246	422.0	402.7
247	423.7	402.6
248	371.2	356.8
249	367.2	384.5
250	407.5	394.2
251	293.1	284.3
252	70.5	76.9

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15. Supplementary Notes

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16. Abstract

Pressure distribution test data obtained on a 0.10-scale model of the forward fuselage of the Space Shuttle Orbiter are presented without analysis. The tests were completed in the AEDC 16T Propulsion Wind Tunnel. The 0.10-scale model was tested at angles of attack from -2^{o} to 18^{o} and angles of side slip from -6 to 6^{o} at Mach numbers from 0.25 to 1.5.

The tests were conducted in support of the development of the Shuttle Entry Air Data System (SEADS). In addition to modeling the 20 SEADS orifices, the wind-tunnel model was also instrumented with orifices to match Development Flight Instrumentation (DFI) port locations that existed on the Space Shuttle Orbiter Columbia (OV-102) during the Orbiter Flight Test program. This DFI simulation has provided a means for comparisons between reentry flight pressure data and wind-tunnel and computational data.

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