ENGINEERING DEPARTMENT

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RESULTS OF A WIND TUNNEL INVESTIGATION TO DETERMINE THE DETAILED PRESSURE DISTRIBUTIONS ON THE S-IB STAGE FINS AND TAIL AREA OF THE SATURN IB VEHICLE

SATURN S-IB STAGE AND SATURN IB PROGRAM

SPACE DIVISION CHRYSLER CORPORATION

Rqt 45794B

SPACE DIVISION CHRYSLER CORPORATION

TECHNICAL NOTE

TN-AE-65-72
VOLUME III

RESULTS OF A WIND TUNNEL INVESTIGATION TO DETERMINE THE DETAILED PRESSURE DISTRIBUTIONS ON THE S-IB STAGE FINS AND TAIL AREA OF THE SATURN IB VEHICLE

February 15, 1965

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CHRYSLER CORPORATION SPACE DIVISION
NEW ORLEANS, LOUISIANA

FOREWORD

This is Volume III of TN-AE-65-72. This volume contains correlation numbers 780 through 1266. Further information is included in Volume I.

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 780
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.353
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.07
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.0961
247	1.0961
347	1.0971
447	1.0971
547	1.0961
647	1.0951
747	1.0951

ORF	CP	ORF	CP	ORF	CP
1	0.2211	52	0.0931	102	-0.2609
2	-0.0489	53	-0.0469	103	-0.4669
3	-0.1179	54	-0.1059	104	-0.4309
4	-0.0919	55	-0.2129	105	-0.3909
5	-0.0949	56	-0.0749	110	-0.1139
6	-0.1029	57	-0.0829	111	-0.1079
7	-0.1179	58	-0.1019	112	-0.1019
8	-0.0909	59	-0.0979	113	-0.1239
9	-0.0539	60	-0.0929	114	0.1351
10	-0.0109	61	-0.0449	115	0.1321
11	0.0181	62	0.0311	116	0.1351
12	0.0581	63	0.1001	117	0.1351
13	0.0681	64	-0.0739	118	0.1321
14	-0.0099	65	-0.0749	119	0.1301
15	-0.1029	66	-0.3339	120	-0.1649
16	0.0211	67	-0.0789	121	0.1181
17	-0.0729	68	-0.0749	122	0.1291
18	-0.0949	69	-0.0789	123	0.1321
19	-0.1019	70	-0.0859	124	-0.1179
20	-0.1039	71	-0.0559	125	-0.1299
21	-0.1069	72	0.0421	126	-0.1059
22	-0.0839	73	0.0851	127	-0.1179
23	-0.0629	74	-0.0899	128	-0.1039
24	-0.0219	75	-0.3649	129	-0.1849
25	0.0211	76	-0.1669	135	-0.1069
26	0.0481	77	-0.0569	136	-0.1039
27	0.0461	78	-0.0539	137	-0.1069
28	-0.0179	79	-0.0709	138	-0.0239
29	-0.1229	80	-0.0049	139	-0.0219
30	-0.0419	81	0.0141	140	-0.0259
32	-0.0899	82	-0.0549	141	0.0081
33	-0.0979	83	-0.2739	142	0.0081
34	-0.1069	84	-0.2299	143	0.0081
35	-0.1059	85	-0.0779	145	-0.1059
36	-0.0869	86	-0.0489	147	0.0111
37	-0.0379	87	0.0161	151	0.1981
38	0.0081	88	0.0541	152	0.0141
39	0.0471	89	-0.0829	153	-0.0729
40	0.0451	90	-0.3989	154	-0.2009
41	-0.0139	91	-0.2019	155	0.1441
42	-0.1299	92	-0.0259	156	0.2451
43	-0.0959	93	0.0261	157	0.1121
44	-0.0789	94	0.0221	158	0.3571
45	-0.1009	95	-0.1569	159	0.2731
46	-0.1059	96	0.1471	160	0.2171
47	-0.1089	97	-0.0919	161	0.1101
48	-0.1009	98	0.2581	162	0.3421
49	-0.0699	99	0.3141	163	0.2811
50	-0.0079	100	0.0501	164	-0.0219
51	0.0511	101	-0.2929	165	0.1021

ORF	CP	ORF	CP	ORF	CP
166	0.3831	217	0.0961	268	-0.2039
167	0.3101	218	0.0991	269	-0.0259
168	0.2861	219	0.0981	270	-0.0109
169	0.2061	220	0.1071	271	-0.2689
170	0.3141	221	-0.0579	272	-0.1949
171	0.1961	222	-0.0629	273	0.0261
172	0.0541	223	0.2081	274	0.0161
173	0.1351	224	0.2791	275	0.2921
174	0.0241	225	0.2871	276	0.3801
175	-0.1359	226	0.2121	277	0.2811
176	-0.2839	227	-0.2449	278	-0.4179
177	0.0241	228	-0.2039	279	-0.3409
178	-0.0369	229	-0.1509	280	-0.2329
179	-0.0329	230	-0.0309	281	-0.0989
180	-0.3119	231	0.0341	282	-0.0829
181	0.4971	232	0.0511	283	-0.1099
182	0.6001	233	0.0751	284	-0.0429
183	0.3931	234	0.1061	285	0.0691
184	0.5271	235	0.0411	286	-0.2909
185	0.5621	236	0.0661	287	-0.0999
186	0.5971	237	0.1921	288	0.0281
187	0.6501	238	0.1991	289	-0.0049
188	0.7421	239	0.3641	290	-0.1099
189	0.8121	240	0.3261	291	-0.3769
190	0.4571	241	-0.5019	292	0.1471
191	-0.3059	242	-0.4109	325	0.1511
192	-0.3089	244	-0.1989	326	0.1531
193	-0.3079	245	-0.0869	327	0.1541
194	-0.3109	246	-0.0139	328	0.1531
195	-0.3069	247	0.0721	329	0.1571
196	-0.3199	248	0.1441	330	0.1491
197	-0.3119	249	0.1281	331	0.1531
198	-0.3149	250	0.1561	332	0.1531
199	-0.3209	251	-0.3029	333	0.1551
200	-0.3099	252	-0.2549	334	0.1581
201	-0.3079	253	0.4531	335	0.1511
202	-0.3079	254	0.3761	336	0.1571
203	-0.3079	255	-0.5189	337	0.1501
204	-0.3079	256	-0.4589	338	0.1531
205	0.2541	257	-0.3929	339	0.1531
206	0.2661	258	-0.2989	340	0.1541
207	0.2971	259	-0.1429	341	0.1571
208	0.3011	260	-0.0959	350	0.1361
210	0.3211	261	0.0141	351	0.1351
211	0.2861	262	0.1301	352	0.1381
212	0.2211	263	-0.0859	353	0.1391
213	-0.2489	264	-0.0609	354	0.1381
214	-0.1969	265	-0.1079	355	0.1391
215	-0.1139	266	-0.0749		
216	0.0231	267	-0.1189		

ORF	CP	ORF	CP	ORF	CP
1	0.3494	52	0.1684	102	-0.2876
2	0.0094	53	0.0474	103	-0.4706
3	-0.2026	54	-0.0396	104	-0.4356
4	-0.1716	55	0.0274	105	-0.4016
5	-0.1696	56	-0.0326	110	-0.1126
6	-0.1696	57	-0.0666	111	-0.1096
7	-0.1526	58	-0.0996	112	-0.1026
8	-0.1166	59	-0.1156	113	-0.1256
9	-0.0446	60	-0.0606	114	0.1354
10	0.0254	61	0.0904	115	0.1454
11	0.0884	62	0.1614	116	0.1444
12	0.1234	63	0.1784	117	0.1444
13	0.1484	64	-0.0306	118	0.1404
14	0.0704	65	-0.0216	119	0.1454
15	-0.0256	66	0.0334	120	-0.1616
16	0.1004	67	-0.0106	121	0.1324
17	-0.0676	68	-0.0476	122	0.1364
18	-0.1496	69	-0.0676	123	0.1364
19	-0.1656	70	-0.0636	124	-0.1116
20	-0.1656	71	0.0364	125	-0.1186
21	-0.1486	72	0.1854	126	-0.0936
22	-0.1236	73	0.1914	127	-0.1096
23	-0.0446	74	-0.0176	128	-0.0936
24	0.0474	75	0.0354	129	-0.1776
25	0.0904	76	0.0064	135	-0.0976
26	0.1304	77	-0.0196	136	-0.0956
27	0.1454	78	-0.0316	137	-0.0956
28	0.0804	79	0.0134	138	-0.0176
29	-0.0436	80	0.1834	139	-0.0176
30	0.0304	81	0.1534	140	-0.0196
32	-0.1306	82	-0.0166	141	0.0134
33	-0.1456	83	0.0674	142	0.0134
34	-0.1586	84	0.0144	143	0.0124
35	-0.1416	85	-0.0026	145	-0.0956
36	-0.0756	86	-0.0166	147	0.0144
37	0.0214	87	0.1194	151	0.1734
38	0.1024	88	0.1724	152	0.0064
39	0.1464	89	-0.0266	153	-0.0726
40	0.1574	90	-0.0466	154	-0.2316
41	0.1044	91	0.0584	155	0.1974
42	-0.0416	92	0.0224	156	0.3204
43	0.0174	93	0.0414	157	0.1694
44	-0.0446	94	0.1404	158	0.4854
45	-0.0956	95	-0.0506	159	0.3834
46	-0.1276	96	-0.0496	160	0.3344
47	-0.1456	97	-0.1046	161	0.2524
48	-0.1096	98	0.1954	162	0.4304
49	-0.0046	99	0.2444	163	0.3814
50	0.1054	100	0.0594	164	-0.0166
51	0.1574	101	-0.3306	165	0.1804

ORF	CP	ORF	CP	ORF	CP
166	0.4904	217	0.0594	268	-0.1896
167	0.3514	218	0.0944	269	-0.0576
168	0.3224	219	0.0954	270	0.0174
169	0.2334	220	0.1184	271	-0.2766
170	0.3184	221	-0.0536	272	-0.2786
171	0.2084	222	-0.0696	273	0.0404
172	0.0694	223	0.2284	274	0.0384
173	0.1254	224	0.3254	275	0.3534
174	0.0294	225	0.2984	276	0.5074
175	-0.1576	226	0.2104	277	0.4164
176	-0.2816	227	-0.2926	278	-0.4416
177	0.0274	228	-0.2866	279	-0.3926
178	-0.0656	229	-0.1996	280	-0.3016
179	-0.0636	230	-0.0896	281	-0.1896
180	-0.3156	231	0.0334	282	-0.1576
181	0.5124	232	0.0564	283	-0.1706
182	0.6054	233	0.0774	284	0.0074
183	0.5074	234	0.1164	285	0.1394
184	0.6704	235	0.0504	286	-0.3126
185	0.7004	236	0.0734	287	-0.1286
186	0.6724	237	0.2204	288	0.0804
187	0.7144	238	0.1984	289	0.0364
188	0.7454	239	0.3274	290	-0.1106
189	0.8104	240	0.2674	291	-0.3436
190	0.4494	241	-0.4466	292	0.1374
191	-0.3026	242	-0.3576	325	0.1514
192	-0.3106	244	-0.0876	326	0.1524
193	-0.3106	245	-0.0356	327	0.1574
194	-0.3116	246	-0.0046	328	0.1574
195	-0.3046	247	0.0684	329	0.1594
196	-0.3146	248	0.1484	330	0.1584
197	-0.3126	249	0.1454	331	0.1524
198	-0.3146	250	0.1584	332	0.1574
199	-0.3166	251	-0.3016	333	0.1574
200	-0.3096	252	-0.2586	334	0.1594
201	-0.3096	253	0.4644	335	0.1574
202	-0.3056	254	0.4134	336	0.1544
203	-0.3086	255	-0.5096	337	0.1534
204	-0.3106	256	-0.4486	338	0.1544
205	0.2654	257	-0.3926	339	0.1594
206	0.3014	258	-0.3136	340	0.1584
207	0.3154	259	-0.2086	341	0.1594
208	0.3114	260	-0.0686	350	0.1394
210	0.3324	261	0.0324	351	0.1474
211	0.3834	262	0.1944	352	0.1414
212	0.3114	263	-0.0496	353	0.1384
213	-0.3816	264	-0.0336	354	0.1404
214	-0.3296	265	-0.1236	355	0.1404
215	-0.2556	266	-0.0866		
216	-0.1256	267	-0.0646		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 782
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 643.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = -0.09
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.1006
247	1.0996
347	1.1006
447	1.1016
547	1.1016
647	1.1016
747	1.1016

ORF	CP	ORF	CP	ORF	CP
1	0.3666	52	0.2016	102	-0.3154
2	0.0286	53	0.0596	103	-0.4654
3	-0.2774	54	-0.0684	104	-0.4364
4	-0.2374	55	0.0686	105	-0.3984
5	-0.1764	56	0.0116	110	-0.1144
6	-0.0484	57	0.0146	111	-0.1114
7	0.0546	58	0.1216	112	-0.1004
8	0.1036	59	0.2026	113	-0.1244
9	0.1276	60	0.2166	114	0.1476
10	0.1396	61	0.2246	115	0.1436
11	0.1536	62	0.2236	116	0.1436
12	0.1686	63	0.1986	117	0.1486
13	0.1736	64	-0.0494	118	0.1566
14	0.0916	65	-0.0584	119	0.1566
15	-0.0064	66	0.0796	120	-0.1574
16	0.1076	67	0.0546	121	0.1326
17	-0.0764	68	0.1496	122	0.1446
18	-0.1974	69	0.2296	123	0.1466
19	-0.2064	70	0.2276	124	-0.1064
20	-0.0884	71	0.2356	125	-0.1184
21	0.0706	72	0.2386	126	-0.0884
22	0.1306	73	0.2126	127	-0.1024
23	0.1466	74	-0.0454	128	-0.0884
24	0.1616	75	0.1376	129	-0.1704
25	0.1746	76	0.2026	135	-0.0924
26	0.1796	77	0.2676	136	-0.0894
27	0.1846	78	0.2626	137	-0.0894
28	0.1176	79	0.2746	138	-0.0134
29	-0.0344	80	0.2516	139	-0.0144
30	0.0456	81	0.1606	140	-0.0184
32	-0.1374	82	-0.0714	141	0.0166
33	-0.1464	83	0.1926	142	0.0176
34	0.0086	84	0.2696	143	0.0186
35	0.1306	85	0.2786	145	-0.0904
36	0.1726	86	0.2526	147	0.0166
37	0.1756	87	0.2126	151	0.1426
38	0.1836	88	0.1666	152	-0.0174
39	0.1996	89	-0.0874	153	-0.0874
40	0.1966	90	0.2456	154	-0.2214
41	0.1426	91	0.2116	155	0.2366
42	-0.0704	92	0.1896	156	0.3416
43	0.0406	93	0.1856	157	0.1896
44	-0.0214	94	0.1566	158	0.5396
45	-0.0714	95	-0.1004	159	0.4336
46	0.0186	96	-0.2724	160	0.4116
47	0.1476	97	-0.0664	161	0.3296
48	0.1816	98	-0.0204	162	0.4616
49	0.1936	99	0.2106	163	0.4506
50	0.2096	100	0.1426	164	-0.0144
51	0.2116	101	-0.3544	165	0.2516

ORF	CP	ORF	CP	ORF	CP
166	0.5126	217	-0.0764	268	-0.1764
167	0.4506	218	0.0456	269	-0.1224
168	0.4226	219	0.1166	270	-0.0164
169	0.3386	220	0.1656	271	-0.3034
170	0.1916	221	-0.0444	272	-0.2914
171	0.3246	222	-0.0744	273	-0.0064
172	0.1636	223	0.1916	274	0.0356
173	0.1666	224	0.2896	275	0.3686
174	0.0446	225	0.3746	276	0.5136
175	-0.0894	226	0.2856	277	0.4336
176	-0.2794	227	-0.4954	278	-0.4344
177	0.0046	228	-0.4354	279	-0.3864
178	-0.0864	229	-0.3284	280	-0.3254
179	-0.0894	230	-0.1254	281	-0.2664
180	-0.3174	231	0.0086	282	-0.1844
181	0.5036	232	0.0466	283	-0.0124
182	0.5986	233	0.1066	284	0.1286
183	0.6206	234	0.1646	285	0.1706
184	0.8666	235	0.0496	286	-0.3434
185	0.9136	236	0.0756	287	-0.1544
186	0.9526	237	0.2596	288	0.0526
187	1.0076	238	0.2226	289	0.0466
188	1.0846	239	0.3226	290	-0.1504
189	1.2156	240	0.2556	291	-0.3374
190	0.3916	241	-0.3114	292	0.2386
191	-0.3014	242	-0.2644	325	0.1586
192	-0.3094	244	-0.0484	326	0.1526
193	-0.3094	245	0.0016	327	0.1616
194	-0.3134	246	0.0266	328	0.1606
195	-0.3054	247	0.0946	329	0.1566
196	-0.3154	248	0.1576	330	0.1586
197	-0.3124	249	0.1546	331	0.1536
198	-0.3144	250	0.1686	332	0.1616
199	-0.3174	251	-0.3014	333	0.1596
200	-0.3094	252	-0.2654	334	0.1576
201	-0.3104	253	0.3606	335	0.1576
202	-0.3054	254	0.3016	336	0.1606
203	-0.3094	255	-0.5374	337	0.1556
204	-0.3094	256	-0.4754	338	0.1536
205	0.2676	257	-0.4094	339	0.1616
206	0.3096	258	-0.2514	340	0.1606
207	0.3076	259	-0.0204	341	0.1566
208	0.2956	260	0.0266	350	0.1536
210	0.3296	261	0.1096	351	0.1596
211	0.4816	262	0.1866	352	0.1586
212	0.4096	263	0.0106	353	0.1566
213	-0.3704	264	-0.0414	354	0.1506
214	-0.3034	265	-0.1624	355	0.1486
215	-0.2404	266	-0.1314		
216	-0.1754	267	-0.0524		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 783
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 2.05
FIN ANGLE(DEG) = -0.16
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0980
247	1.0970
347	1.0980
447	1.0980
547	1.0950
647	1.0950
747	1.0950

ORF	CP	ORF	CP	ORF	CP
1	0.2390	52	0.1790	102	-0.2880
2	-0.0130	53	0.0500	103	-0.4690
3	-0.0190	54	-0.0950	104	-0.4380
4	0.0680	55	0.2560	105	-0.4020
5	0.0970	56	0.2270	110	-0.1220
6	0.1100	57	0.2070	111	-0.1170
7	0.1180	58	0.1930	112	-0.1020
8	0.1210	59	0.1920	113	-0.1270
9	0.1210	60	0.1990	114	0.1460
10	0.1270	61	0.2070	115	0.1410
11	0.1300	62	0.2040	116	0.1420
12	0.1340	63	0.1840	117	0.1450
13	0.1240	64	-0.0610	118	0.1430
14	0.0320	65	-0.0640	119	0.1450
15	-0.0450	66	0.2820	120	-0.1560
16	0.1000	67	0.2450	121	0.1310
17	0.0730	68	0.2450	122	0.1430
18	0.1100	69	0.2110	123	0.1410
19	0.1260	70	0.2070	124	-0.1040
20	0.1260	71	0.2160	125	-0.1170
21	0.1280	72	0.2320	126	-0.0870
22	0.1300	73	0.2150	127	-0.1030
23	0.1320	74	-0.0570	128	-0.0900
24	0.1360	75	0.3280	129	-0.1750
25	0.1360	76	0.2840	135	-0.0950
26	0.1370	77	0.2600	136	-0.0920
27	0.1280	78	0.2550	137	-0.0910
28	0.0510	79	0.2520	138	-0.0160
29	-0.0750	80	0.2390	139	-0.0140
30	0.1410	81	0.1730	140	-0.0170
32	0.1580	82	-0.0880	141	0.0160
33	0.1550	83	0.3090	142	0.0150
34	0.1490	84	0.2930	143	0.0150
35	0.1520	85	0.2710	145	-0.0920
36	0.1510	86	0.2360	147	0.0170
37	0.1500	87	0.1760	151	0.1360
38	0.1540	88	0.1260	152	0.0040
39	0.1560	89	-0.1300	153	-0.1180
40	0.1460	90	0.3330	154	-0.2160
41	0.0940	91	0.1780	155	0.3180
42	-0.1210	92	0.1180	156	0.3200
43	0.2190	93	0.0990	157	0.1760
44	0.1990	94	0.0820	158	0.6070
45	0.1840	95	-0.1540	159	0.4540
46	0.1830	96	-0.1930	160	0.4370
47	0.1810	97	-0.0730	161	0.3440
48	0.1780	98	-0.0700	162	0.5210
49	0.1800	99	-0.0140	163	0.5100
50	0.1820	100	0.1150	164	-0.0150
51	0.1730	101	-0.3380	165	0.3020

ORF	CP	ORF	CP	ORF	CP
166	0.5620	217	-0.1900	268	-0.1570
167	0.5060	218	-0.1510	269	-0.0920
168	0.4880	219	0.0480	270	-0.0490
169	0.4020	220	0.1860	271	-0.2790
170	0.1700	221	-0.0060	272	-0.2540
171	0.4230	222	-0.0440	273	-0.0240
172	0.2520	223	0.2350	274	-0.0010
173	0.2340	224	0.3450	275	0.3410
174	0.1120	225	0.4840	276	0.3880
175	-0.0100	226	0.3940	277	0.3130
176	-0.2240	227	-0.5070	278	-0.3020
177	-0.0070	228	-0.4430	279	-0.2560
178	-0.0910	229	-0.3810	280	-0.1800
179	-0.0510	230	-0.2710	281	-0.0270
180	-0.3200	231	-0.1270	282	0.0950
181	0.4610	232	-0.0320	283	0.1090
182	0.5590	233	0.0690	284	0.1280
183	0.6130	234	0.2150	285	0.1320
184	0.9080	235	0.0450	286	-0.3170
185	1.1060	236	0.1150	287	-0.1110
186	1.1670	237	0.3160	288	0.0380
187	1.2200	238	0.2800	289	0.0180
188	1.3060	239	0.3470	290	-0.1550
189	1.3830	240	0.2820	291	-0.2000
190	0.3670	241	-0.3940	292	0.1580
191	-0.3040	242	-0.3030	325	0.1590
192	-0.3080	244	-0.0580	326	0.1540
193	-0.3100	245	-0.0150	327	0.1510
194	-0.3150	246	0.0230	328	0.1540
195	-0.3060	247	0.0820	329	0.1510
196	-0.3160	248	0.1590	330	0.1530
197	-0.3120	249	0.1620	331	0.1560
198	-0.3160	250	0.1560	332	0.1510
199	-0.3180	251	-0.2950	333	0.1540
200	-0.3110	252	-0.2640	334	0.1500
201	-0.3070	253	0.3130	335	0.1540
202	-0.3060	254	0.2370	336	0.1590
203	-0.3080	255	-0.2760	337	0.1580
204	-0.3060	256	-0.2290	338	0.1520
205	0.2620	257	-0.1480	339	0.1510
206	0.3070	258	-0.0210	340	0.1540
207	0.3050	259	0.0600	341	0.1520
208	0.2870	260	0.0730	350	0.1410
210	0.3540	261	0.1010	351	0.1440
211	0.5600	262	0.1370	352	0.1390
212	0.4860	263	-0.0000	353	0.1400
213	-0.3720	264	-0.0480	354	0.1400
214	-0.3160	265	-0.1280	355	0.1410
215	-0.2460	266	-0.1100		
216	-0.1880	267	-0.0530		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 784
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.20
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0980
247	1.0960
347	1.0970
447	1.0970
547	1.0960
647	1.0960
747	1.0960

ORF	CP	ORF	CP	ORF	CP
1	0.2580	52	0.1940	102	-0.2640
2	0.1600	53	0.0870	103	-0.4690
3	0.1590	54	-0.0630	104	-0.4370
4	0.1600	55	0.3560	105	-0.3910
5	0.1610	56	0.3030	110	-0.1240
6	0.1530	57	0.2680	111	-0.1220
7	0.1540	58	0.2490	112	-0.1060
8	0.1530	59	0.2650	113	-0.1320
9	0.1500	60	0.2530	114	0.1380
10	0.1510	61	0.2590	115	0.1370
11	0.1570	62	0.2420	116	0.1370
12	0.1550	63	0.2380	117	0.1380
13	0.1420	64	-0.0300	118	0.1300
14	0.0430	65	-0.0360	119	0.1320
15	-0.0240	66	0.3650	120	-0.1540
16	0.2350	67	0.3190	121	0.1320
17	0.2070	68	0.2920	122	0.1340
18	0.1970	69	0.2780	123	0.1340
19	0.1840	70	0.2870	124	-0.1090
20	0.1760	71	0.2960	125	-0.1210
21	0.1660	72	0.2940	126	-0.0950
22	0.1640	73	0.2550	127	-0.1080
23	0.1620	74	-0.0290	128	-0.0960
24	0.1610	75	0.3990	129	-0.1760
25	0.1610	76	0.3550	135	-0.0980
26	0.1630	77	0.3200	136	-0.0960
27	0.1430	78	0.3180	137	-0.0950
28	0.0660	79	0.3210	138	-0.0170
29	-0.0580	80	0.2960	139	-0.0150
30	0.2880	81	0.2020	140	-0.0180
32	0.2290	82	-0.0670	141	0.0160
33	0.2100	83	0.3810	142	0.0150
34	0.2000	84	0.3630	143	0.0120
35	0.1920	85	0.3380	145	-0.0960
36	0.1840	86	0.2980	147	0.0140
37	0.1800	87	0.2270	151	0.1980
38	0.1780	88	0.1540	152	0.0680
39	0.1760	89	-0.1160	153	-0.0580
40	0.1580	90	0.4090	154	-0.1770
41	0.1050	91	0.2460	155	0.3780
42	-0.0870	92	0.1660	156	0.3360
43	0.3400	93	0.1240	157	0.2030
44	0.2890	94	0.0780	158	0.5840
45	0.2560	95	-0.1740	159	0.4730
46	0.2420	96	-0.1220	160	0.4450
47	0.2280	97	-0.1480	161	0.3600
48	0.2170	98	-0.0870	162	0.4670
49	0.2130	99	-0.0630	163	0.4640
50	0.2100	100	-0.0000	164	-0.0140
51	0.2050	101	-0.3020	165	0.2770

ORF	CP	ORF	CP	ORF	CP
166	0.4680	217	-0.1300	268	-0.1170
167	0.4980	218	-0.1450	269	-0.0730
168	0.4590	219	-0.0850	270	-0.0550
169	0.3540	220	0.1190	271	-0.2250
170	0.2520	221	0.0230	272	-0.1950
171	0.4150	222	-0.0150	273	-0.0250
172	0.2840	223	0.3090	274	-0.0180
173	0.3530	224	0.3540	275	0.2770
174	0.1990	225	0.5170	276	0.3290
175	0.0590	226	0.4590	277	0.2800
176	-0.1440	227	-0.4970	278	-0.0290
177	0.0550	228	-0.4420	279	0.0350
178	-0.0080	229	-0.3890	280	0.1060
179	0.0480	230	-0.3090	281	0.1500
180	-0.3250	231	-0.1960	282	0.1590
181	0.4070	232	-0.1130	283	0.1490
182	0.5160	233	0.0010	284	0.1500
183	0.5600	234	0.1810	285	0.1420
184	0.8280	235	0.0380	286	-0.2960
185	1.0120	236	0.1480	287	-0.1030
186	1.1650	237	0.3440	288	0.0260
187	1.3110	238	0.3880	289	0.0040
188	1.4130	239	0.3670	290	-0.1400
189	1.4520	240	0.3240	291	-0.1210
190	0.3020	241	-0.4680	292	0.0950
191	-0.3070	242	-0.3600	325	0.1430
192	-0.3120	244	-0.1450	326	0.1440
193	-0.3120	245	-0.0830	327	0.1460
194	-0.3190	246	-0.0140	328	0.1390
195	-0.3050	247	0.0960	329	0.1500
196	-0.3100	248	0.1960	330	0.1500
197	-0.3140	249	0.1880	331	0.1440
198	-0.3150	250	0.1540	332	0.1470
199	-0.3160	251	-0.2990	333	0.1400
200	-0.3100	252	-0.2370	334	0.1520
201	-0.3060	253	0.3220	335	0.1510
202	-0.3080	254	0.2590	336	0.1460
203	-0.3080	255	-0.2220	337	0.1420
204	-0.3050	256	-0.1200	338	0.1440
205	0.2480	257	-0.0410	339	0.1450
206	0.2910	258	0.0550	340	0.1400
207	0.2870	259	0.0940	341	0.1500
208	0.2740	260	0.1010	350	0.1410
210	0.3630	261	0.1220	351	0.1400
211	0.4810	262	0.1530	352	0.1380
212	0.3920	263	0.0130	353	0.1400
213	-0.3940	264	-0.0130	354	0.1400
214	-0.3000	265	-0.0930	355	0.1430
215	-0.2130	266	-0.0950		
216	-0.1080	267	-0.0440		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 785
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.348
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = 6.00
FIN ANGLE(DEG) = -0.22
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0943
247	1.0933
347	1.0943
447	1.0933
547	1.0913
647	1.0913
747	1.0913

ORF	CP	ORF	CP	ORF	CP
1	0.3173	52	0.2683	102	-0.2577
2	0.2773	53	0.1233	103	-0.5207
3	0.2603	54	-0.0197	104	-0.4867
4	0.2413	55	0.4453	105	-0.4387
5	0.2323	56	0.3843	110	-0.1357
6	0.2203	57	0.3543	111	-0.1377
7	0.2133	58	0.3363	112	-0.1177
8	0.2053	59	0.3563	113	-0.1447
9	0.2113	60	0.3553	114	0.1413
10	0.2063	61	0.3373	115	0.1423
11	0.2083	62	0.3243	116	0.1443
12	0.2003	63	0.2913	117	0.1493
13	0.1843	64	-0.0057	118	0.1393
14	0.0893	65	-0.0047	119	0.1383
15	0.0233	66	0.4573	120	-0.1567
16	0.3253	67	0.4183	121	0.1273
17	0.2893	68	0.3973	122	0.1423
18	0.2733	69	0.3793	123	0.1453
19	0.2533	70	0.3863	124	-0.1267
20	0.2373	71	0.3713	125	-0.1347
21	0.2293	72	0.3453	126	-0.1057
22	0.2273	73	0.2903	127	-0.1227
23	0.2223	74	-0.0037	128	-0.1007
24	0.2203	75	0.5053	129	-0.1827
25	0.2173	76	0.4563	135	-0.1097
26	0.2153	77	0.4253	136	-0.1057
27	0.1993	78	0.4003	137	-0.1017
28	0.1163	79	0.3833	138	-0.0227
29	-0.0067	80	0.3353	139	-0.0227
30	0.3813	81	0.2203	140	-0.0237
32	0.3043	82	-0.0437	141	0.0213
33	0.2853	83	0.4753	142	0.0153
34	0.2643	84	0.4573	143	0.0143
35	0.2513	85	0.4143	145	-0.1077
36	0.2543	86	0.3503	147	0.0163
37	0.2423	87	0.2713	151	0.2533
38	0.2463	88	0.1893	152	0.1143
39	0.2393	89	-0.0927	153	-0.0007
40	0.2183	90	0.4953	154	-0.1517
41	0.1743	91	0.3153	155	0.4053
42	-0.0357	92	0.2203	156	0.3993
43	0.4273	93	0.1593	157	0.2543
44	0.3653	94	0.0993	158	0.6463
45	0.3353	95	-0.1617	159	0.5123
46	0.3193	96	-0.1027	160	0.4883
47	0.3263	97	-0.1977	161	0.4133
48	0.2943	98	-0.1967	162	0.5003
49	0.2843	99	-0.2137	163	0.5133
50	0.2843	100	-0.1187	164	-0.0227
51	0.2993	101	-0.2907	165	0.3163

ORF	CP	ORF	CP	ORF	CP
166	0.4303	217	-0.1867	268	-0.0857
167	0.4803	218	-0.1847	269	-0.0497
168	0.4803	219	-0.1227	270	-0.0307
169	0.3603	220	0.0783	271	-0.2187
170	0.4193	221	0.0353	272	-0.1807
171	0.4003	222	0.0203	273	-0.0187
172	0.2253	223	0.3183	274	-0.0207
173	0.3423	224	0.3333	275	0.2083
174	0.2133	225	0.4433	276	0.3373
175	0.0643	226	0.3773	277	0.3353
176	-0.1657	227	-0.5177	278	0.1853
177	0.1053	228	-0.4527	279	0.2193
178	0.0343	229	-0.3807	280	0.2313
179	0.0993	230	-0.2787	281	0.2433
180	-0.3357	231	-0.1737	282	0.2323
181	0.4723	232	-0.1407	283	0.2143
182	0.5903	233	-0.0777	284	0.2103
183	0.4153	234	0.1353	285	0.1933
184	0.5613	235	0.0753	286	-0.2787
185	0.8263	236	0.1923	287	-0.1077
186	1.1083	237	0.3303	288	0.0193
187	1.2663	238	0.3703	289	-0.0117
188	1.4373	239	0.3773	290	-0.1117
189	1.4543	240	0.3553	291	-0.1277
190	0.2563	241	-0.4527	292	0.0283
191	-0.3167	242	-0.3287	325	0.1523
192	-0.3237	244	-0.1867	326	0.1533
193	-0.3237	245	-0.1387	327	0.1533
194	-0.3327	246	-0.0357	328	0.1523
195	-0.3127	247	0.0973	329	0.1543
196	-0.3217	248	0.2043	330	0.1553
197	-0.3257	249	0.2003	331	0.1553
198	-0.3247	250	0.1473	332	0.1533
199	-0.3237	251	-0.3097	333	0.1533
200	-0.3167	252	-0.2167	334	0.1553
201	-0.3157	253	0.3233	335	0.1563
202	-0.3207	254	0.2893	336	0.1543
203	-0.3197	255	-0.2777	337	0.1523
204	-0.3137	256	-0.1457	338	0.1533
205	0.2123	257	-0.0567	339	0.1533
206	0.2283	258	0.0603	340	0.1523
207	0.2393	259	0.1133	341	0.1553
208	0.2433	260	0.1363	350	0.1343
210	0.3533	261	0.1593	351	0.1363
211	0.4173	262	0.1923	352	0.1393
212	0.3403	263	0.0483	353	0.1353
213	-0.3897	264	0.0323	354	0.1353
214	-0.2987	265	-0.0607	355	0.1343
215	-0.2217	266	-0.0667		
216	-0.1637	267	-0.0247		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 786
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0970
247	1.0960
347	1.0970
447	1.0970
547	1.0970
647	1.0970
747	1.0960

ORF	CP	ORF	CP	ORF	CP
1	0.4440	52	0.3040	102	-0.3130
2	0.3840	53	0.1470	103	-0.5480
3	0.3490	54	-0.0000	104	-0.5100
4	0.3260	55	0.5210	105	-0.4390
5	0.3110	56	0.4600	110	-0.1450
6	0.2940	57	0.4260	111	-0.1490
7	0.2830	58	0.4100	112	-0.1220
8	0.2690	59	0.3960	113	-0.1530
9	0.2690	60	0.3890	114	0.1360
10	0.2640	61	0.3950	115	0.1400
11	0.2620	62	0.3690	116	0.1380
12	0.2620	63	0.3310	117	0.1390
13	0.2510	64	0.0150	118	0.1390
14	0.1480	65	0.0240	119	0.1400
15	0.0750	66	0.5310	120	-0.1500
16	0.4440	67	0.4890	121	0.1160
17	0.3930	68	0.4560	122	0.1380
18	0.3680	69	0.4510	123	0.1350
19	0.3420	70	0.4400	124	-0.1320
20	0.3230	71	0.4210	125	-0.1400
21	0.3040	72	0.3880	126	-0.1160
22	0.2910	73	0.3190	127	-0.1290
23	0.2840	74	0.0190	128	-0.1100
24	0.2810	75	0.5910	129	-0.1850
25	0.2780	76	0.5290	135	-0.1170
26	0.2740	77	0.4980	136	-0.1160
27	0.2580	78	0.4610	137	-0.1120
28	0.1770	79	0.4300	138	-0.0190
29	0.0260	80	0.3700	139	-0.0280
30	0.4900	81	0.2380	140	-0.0220
32	0.3930	82	-0.0170	141	0.0420
33	0.3670	83	0.5510	142	0.0340
34	0.3470	84	0.5260	143	0.0350
35	0.3280	85	0.4690	145	-0.1160
36	0.3190	86	0.3970	147	0.0370
37	0.3090	87	0.3220	151	0.3050
38	0.3070	88	0.2170	152	0.1450
39	0.3000	89	-0.0660	153	0.0440
40	0.2880	90	0.5570	154	-0.1260
41	0.2200	91	0.3750	155	0.4190
42	-0.0050	92	0.2670	156	0.4490
43	0.5180	93	0.1970	157	0.2910
44	0.4520	94	0.1320	158	0.6750
45	0.4130	95	-0.1380	159	0.5480
46	0.3880	96	-0.1960	160	0.5260
47	0.3700	97	-0.2130	161	0.4300
48	0.3560	98	-0.3360	162	0.5600
49	0.3450	99	-0.3430	163	0.5460
50	0.3400	100	-0.3610	164	-0.0240
51	0.3330	101	-0.3350	165	0.3490

ORF	CP	ORF	CP	ORF	CP
166	0.4480	217	-0.2240	268	-0.0990
167	0.5000	218	-0.2290	269	-0.0550
168	0.5110	219	-0.2060	270	-0.0060
169	0.3830	220	0.0310	271	-0.2390
170	0.5100	221	0.0500	272	-0.2030
171	0.3970	222	0.1010	273	0.0030
172	0.2260	223	0.3210	274	-0.0000
173	0.3710	224	0.3390	275	0.1330
174	0.2630	225	0.4290	276	0.4360
175	0.0930	226	0.3660	277	0.4500
176	-0.1430	227	-0.5250	278	0.3010
177	0.1530	228	-0.4690	279	0.3240
178	0.0700	229	-0.4080	280	0.3430
179	0.1220	230	-0.3140	281	0.3390
180	-0.3390	231	-0.2480	282	0.3240
181	0.5320	232	-0.2060	283	0.2930
182	0.6480	233	-0.1320	284	0.2770
183	0.3580	234	0.1160	285	0.2580
184	0.4800	235	0.0910	286	-0.3340
185	0.7300	236	0.2300	287	-0.1530
186	1.1570	237	0.3480	288	0.0270
187	1.4260	238	0.3660	289	0.0020
188	1.4910	239	0.3450	290	-0.1080
189	1.5130	240	0.3330	291	-0.2020
190	0.2120	241	-0.4560	292	-0.0060
191	-0.3170	242	-0.3540	325	0.1540
192	-0.3270	244	-0.2010	326	0.1480
193	-0.3280	245	-0.1740	327	0.1450
194	-0.3360	246	-0.0650	328	0.1420
195	-0.3100	247	0.1040	329	0.1510
196	-0.3280	248	0.2130	330	0.1520
197	-0.3310	249	0.2360	331	0.1480
198	-0.3270	250	0.1510	332	0.1430
199	-0.3260	251	-0.3120	333	0.1440
200	-0.3130	252	-0.2150	334	0.1490
201	-0.3170	253	0.3720	335	0.1510
202	-0.3260	254	0.3550	336	0.1490
203	-0.3230	255	-0.3300	337	0.1520
204	-0.3180	256	-0.2020	338	0.1480
205	0.1490	257	-0.1080	339	0.1450
206	0.1540	258	0.0530	340	0.1440
207	0.1660	259	0.1390	341	0.1510
208	0.1870	260	0.1620	350	0.1420
210	0.3950	261	0.1970	351	0.1390
211	0.3830	262	0.2460	352	0.1390
212	0.3140	263	0.0680	353	0.1390
213	-0.4120	264	0.0450	354	0.1370
214	-0.3360	265	-0.0650	355	0.1370
215	-0.2440	266	-0.0670		
216	-0.1900	267	-0.0030		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 787
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.356
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 641.
REYNOLDS NUMBER PER FOOT = 3.9590E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = -0.20
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.1030
247	1.1020
347	1.1030
447	1.1030
547	1.1010
647	1.1010
747	1.1010

ORF	CP	ORF	CP	ORF	CP
1	0.6730	52	0.3880	102	-0.4100
2	0.5320	53	0.1880	103	-0.6240
3	0.4570	54	0.0540	104	-0.5920
4	0.4250	55	0.6390	105	-0.4440
5	0.4100	56	0.5870	110	-0.1740
6	0.3950	57	0.5590	111	-0.1890
7	0.3860	58	0.5370	112	-0.1570
8	0.3870	59	0.5160	113	-0.1910
9	0.3850	60	0.5000	114	0.1060
10	0.3810	61	0.4670	115	0.1080
11	0.3780	62	0.4350	116	0.1060
12	0.3760	63	0.3750	117	0.1070
13	0.3770	64	0.0440	118	0.1100
14	0.2580	65	0.0670	119	0.1130
15	0.1670	66	0.6520	120	-0.1450
16	0.6150	67	0.6020	121	0.0930
17	0.5250	68	0.5750	122	0.1120
18	0.4780	69	0.5520	123	0.1030
19	0.4550	70	0.5190	124	-0.1680
20	0.4320	71	0.4810	125	-0.1790
21	0.4190	72	0.4330	126	-0.1640
22	0.4110	73	0.3510	127	-0.1740
23	0.3990	74	0.0720	128	-0.1550
24	0.4000	75	0.6650	129	-0.2100
25	0.3890	76	0.6130	135	-0.1560
26	0.3940	77	0.5710	136	-0.1550
27	0.3820	78	0.5390	137	-0.1520
28	0.2780	79	0.4990	138	-0.0410
29	0.1270	80	0.4210	139	-0.0480
30	0.6120	81	0.2680	140	-0.0460
32	0.5030	82	0.0560	141	0.0620
33	0.4810	83	0.6220	142	0.0410
34	0.4670	84	0.6020	143	0.0560
35	0.4530	85	0.5570	145	-0.1510
36	0.4460	86	0.4790	147	0.0390
37	0.4390	87	0.3870	151	0.4000
38	0.4360	88	0.2620	152	0.2020
39	0.4270	89	0.0070	153	0.1230
40	0.3990	90	0.6370	154	-0.0420
41	0.3130	91	0.4690	155	0.3680
42	0.0830	92	0.3470	156	0.5030
43	0.6310	93	0.2610	157	0.3490
44	0.5740	94	0.1760	158	0.7280
45	0.5380	95	-0.0750	159	0.5940
46	0.5130	96	-0.3560	160	0.5610
47	0.4960	97	-0.3170	161	0.4560
48	0.4820	98	-0.5110	162	0.6230
49	0.4650	99	-0.5110	163	0.5550
50	0.4580	100	-0.4730	164	-0.0610
51	0.4320	101	-0.4250	165	0.3590

ORF	CP	ORF	CP	ORF	CP
166	0.5140	217	-0.2800	268	-0.1470
167	0.4990	218	-0.2850	269	-0.1650
168	0.4780	219	-0.2620	270	-0.0170
169	0.3610	220	0.0400	271	-0.2980
170	0.4730	221	0.0370	272	-0.2950
171	0.3580	222	0.2250	273	-0.0440
172	0.2050	223	0.3950	274	0.0190
173	0.3330	224	0.4040	275	0.0580
174	0.2720	225	0.3110	276	0.6420
175	0.0860	226	0.2360	277	0.6680
176	-0.1040	227	-0.5440	278	0.3240
177	0.2300	228	-0.4990	279	0.3830
178	0.1410	229	-0.4180	280	0.4160
179	0.1600	230	-0.3280	281	0.4430
180	-0.3410	231	-0.2910	282	0.4210
181	0.6030	232	-0.2550	283	0.3830
182	0.7070	233	-0.1490	284	0.3910
183	0.2870	234	0.1190	285	0.3730
184	0.3880	235	0.1460	286	-0.4220
185	0.5240	236	0.2460	287	-0.2190
186	0.8540	237	0.3270	288	0.0030
187	1.2620	238	0.3370	289	0.0070
188	1.4500	239	0.3380	290	-0.1630
189	1.4930	240	0.3490	291	-0.2120
190	0.1270	241	-0.5110	292	-0.0660
191	-0.3050	242	-0.4260	325	0.1250
192	-0.3210	244	-0.2890	326	0.1270
193	-0.3210	245	-0.2300	327	0.1230
194	-0.3300	246	-0.0770	328	0.1230
195	-0.2870	247	0.0970	329	0.1210
196	-0.3370	248	0.1910	330	0.1180
197	-0.3310	249	0.2660	331	0.1250
198	-0.3320	250	0.1220	332	0.1250
199	-0.3320	251	-0.3040	333	0.1250
200	-0.3040	252	-0.2050	334	0.1210
201	-0.3160	253	0.5920	335	0.1200
202	-0.3210	254	0.4680	336	0.1190
203	-0.3180	255	-0.4430	337	0.1260
204	-0.3100	256	-0.3890	338	0.1250
205	0.0630	257	-0.2710	339	0.1220
206	0.0860	258	-0.1400	340	0.1230
207	0.0960	259	0.1090	341	0.1190
208	0.0990	260	0.1470	350	0.1150
210	0.4130	261	0.2820	351	0.1090
211	0.1870	262	0.3800	352	0.1060
212	0.1360	263	0.1280	353	0.1040
213	-0.4710	264	0.1010	354	0.1120
214	-0.4280	265	-0.0760	355	0.1060
215	-0.3170	266	-0.1430		
216	-0.2210	267	0.0910		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 788
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9650E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.15
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.0960
247	1.0960
347	1.0960
447	1.0970
547	1.0970
647	1.0960
747	1.0960

ORF	CP	ORF	CP	ORF	CP
1	0.8470	52	0.4260	102	-0.4570
2	0.4940	53	0.2050	103	-0.6220
3	0.4070	54	0.0800	104	-0.5710
4	0.4460	55	0.6990	105	-0.4900
5	0.4530	56	0.6520	110	-0.1880
6	0.4480	57	0.6290	111	-0.2050
7	0.4420	58	0.6020	112	-0.1750
8	0.4540	59	0.5760	113	-0.2180
9	0.4440	60	0.5500	114	0.1210
10	0.4420	61	0.5170	115	0.1190
11	0.4410	62	0.4700	116	0.1160
12	0.4390	63	0.4080	117	0.1130
13	0.4330	64	0.0610	118	0.1070
14	0.3130	65	0.0970	119	0.1100
15	0.2090	66	0.7100	120	-0.1390
16	0.6170	67	0.6660	121	0.0960
17	0.5500	68	0.6310	122	0.1100
18	0.5330	69	0.6030	123	0.1110
19	0.5120	70	0.5660	124	-0.1880
20	0.4910	71	0.5300	125	-0.2000
21	0.4820	72	0.4710	126	-0.1810
22	0.4700	73	0.3670	127	-0.1970
23	0.4560	74	0.1110	128	-0.1660
24	0.4510	75	0.7190	129	-0.2200
25	0.4540	76	0.6760	135	-0.1720
26	0.4480	77	0.6310	136	-0.1700
27	0.4340	78	0.5860	137	-0.1620
28	0.3300	79	0.5250	138	-0.0410
29	0.1440	80	0.4430	139	-0.0500
30	0.6530	81	0.2850	140	-0.0490
32	0.5690	82	0.1010	141	0.0700
33	0.5440	83	0.6780	142	0.0180
34	0.5280	84	0.6580	143	0.0480
35	0.5000	85	0.5980	145	-0.1690
36	0.4930	86	0.5110	147	0.0230
37	0.4900	87	0.4130	151	0.4290
38	0.4790	88	0.2760	152	0.2100
39	0.4730	89	0.0540	153	0.1350
40	0.4320	90	0.6680	154	-0.0140
41	0.3440	91	0.5100	155	0.3590
42	0.0970	92	0.3880	156	0.5030
43	0.6780	93	0.2900	157	0.3580
44	0.6300	94	0.1830	158	0.7830
45	0.5970	95	-0.0370	159	0.6000
46	0.5790	96	-0.4500	160	0.5520
47	0.5500	97	-0.4410	161	0.4570
48	0.5360	98	-0.6130	162	0.6790
49	0.5190	99	-0.5830	163	0.5840
50	0.5060	100	-0.4570	164	-0.0580
51	0.4730	101	-0.4650	165	0.3660

ORF	CP	ORF	CP	ORF	CP
166	0.5660	217	-0.2990	268	-0.1310
167	0.5300	218	-0.2950	269	-0.1950
168	0.4960	219	-0.2790	270	-0.0830
169	0.3810	220	0.0730	271	-0.3270
170	0.5010	221	0.0340	272	-0.3280
171	0.3550	222	0.2520	273	-0.0830
172	0.2070	223	0.4440	274	0.0560
173	0.3250	224	0.4460	275	0.0380
174	0.2450	225	0.2470	276	0.8930
175	0.0590	226	0.1630	277	0.8740
176	-0.1280	227	-0.5410	278	0.0670
177	0.2290	228	-0.4740	279	0.1670
178	0.1490	229	-0.3890	280	0.2420
179	0.1630	230	-0.3080	281	0.3450
180	-0.3540	231	-0.2950	282	0.4810
181	0.6530	232	-0.2770	283	0.4610
182	0.7680	233	-0.1350	284	0.4380
183	0.3380	234	0.1370	285	0.4170
184	0.4520	235	0.1640	286	-0.4700
185	0.6050	236	0.2620	287	-0.2450
186	0.9750	237	0.3460	288	0.0240
187	1.3250	238	0.3440	289	0.0180
188	1.4470	239	0.3020	290	-0.1890
189	1.4670	240	0.2650	291	-0.2220
190	0.1200	241	-0.5340	292	-0.1290
191	-0.3250	242	-0.4640	325	0.1230
192	-0.3400	244	-0.3070	326	0.1240
193	-0.3400	245	-0.2310	327	0.1320
194	-0.3480	246	-0.0660	328	0.1230
195	-0.3080	247	0.1100	329	0.1290
196	-0.3520	248	0.1970	330	0.1210
197	-0.3480	249	0.2690	331	0.1230
198	-0.3510	250	0.1300	332	0.1350
199	-0.3490	251	-0.3190	333	0.1250
200	-0.3230	252	-0.2000	334	0.1300
201	-0.3340	253	0.5570	335	0.1250
202	-0.3400	254	0.4610	336	0.1260
203	-0.3370	255	-0.4630	337	0.1240
204	-0.3290	256	-0.3530	338	0.1260
205	0.0300	257	-0.2840	339	0.1330
206	0.0590	258	-0.1350	340	0.1250
207	0.0730	259	0.1320	341	0.1300
208	0.0720	260	0.1760	350	0.1220
210	0.4240	261	0.2800	351	0.1120
211	0.1110	262	0.3980	352	0.1110
212	0.0530	263	0.1610	353	0.1140
213	-0.4880	264	0.1150	354	0.1200
214	-0.4140	265	-0.0720	355	0.1210
215	-0.3270	266	-0.1810		
216	-0.2730	267	0.1220		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 789
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.350
TUNNEL DYNAMIC PRESSURE(PSF) = 823.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 3.9590E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = 0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.1023
247	1.1003
347	1.1013
447	1.1023
547	1.0973
647	1.0973
747	1.0973

ORF	CP	ORF	CP	ORF	CP
1	0.3593	52	0.2093	102	-0.3167
2	0.0273	53	0.0673	103	-0.4697
3	-0.2777	54	-0.0657	104	-0.4357
4	-0.2387	55	0.0693	105	-0.3997
5	-0.1717	56	0.0133	110	-0.1127
6	-0.0407	57	0.0303	111	-0.1067
7	0.0693	58	0.1463	112	-0.0947
8	0.1003	59	0.1973	113	-0.1167
9	0.1253	60	0.2183	114	0.1533
10	0.1423	61	0.2193	115	0.1543
11	0.1583	62	0.2183	116	0.1553
12	0.1693	63	0.2053	117	0.1583
13	0.1723	64	-0.0467	118	0.1473
14	0.0883	65	-0.0467	119	0.1533
15	-0.0057	66	0.0763	120	-0.1507
16	0.1083	67	0.0833	121	0.1333
17	-0.0797	68	0.1433	122	0.1473
18	-0.2007	69	0.2503	123	0.1553
19	-0.2167	70	0.2433	124	-0.0987
20	-0.0757	71	0.2473	125	-0.1137
21	0.0703	72	0.2563	126	-0.0837
22	0.1323	73	0.2113	127	-0.0997
23	0.1443	74	-0.0507	128	-0.0847
24	0.1533	75	0.1513	129	-0.1667
25	0.1723	76	0.1883	135	-0.0887
26	0.1763	77	0.2613	136	-0.0857
27	0.1833	78	0.2723	137	-0.0837
28	0.1103	79	0.2733	138	-0.0087
29	-0.0387	80	0.2553	139	-0.0097
30	0.0463	81	0.1523	140	-0.0117
32	-0.1317	82	-0.0777	141	0.0213
33	-0.1567	83	0.2203	142	0.0213
34	0.0473	84	0.2703	143	0.0213
35	0.1363	85	0.2823	145	-0.0867
36	0.1673	86	0.2443	147	0.0223
37	0.1753	87	0.2063	151	0.1493
38	0.1813	88	0.1563	152	0.0033
39	0.1943	89	-0.0957	153	-0.0967
40	0.2023	90	0.2573	154	-0.2257
41	0.1503	91	0.2053	155	0.2343
42	-0.0697	92	0.1963	156	0.3383
43	0.0383	93	0.1833	157	0.1853
44	-0.0257	94	0.1553	158	0.5363
45	-0.0667	95	-0.1037	159	0.4493
46	0.0313	96	-0.2697	160	0.4073
47	0.1643	97	-0.0707	161	0.3233
48	0.1953	98	-0.0327	162	0.4623
49	0.1983	99	0.2153	163	0.4493
50	0.2063	100	0.1423	164	-0.0097
51	0.2183	101	-0.3417	165	0.2573

ORF	CP	ORF	CP	ORF	CP
166	0.5043	217	-0.0807	268	-0.1647
167	0.4473	218	0.0443	269	-0.1057
168	0.4313	219	0.1173	270	-0.0017
169	0.3343	220	0.1603	271	-0.2827
170	0.1993	221	-0.0257	272	-0.2897
171	0.3273	222	-0.0617	273	0.0023
172	0.1673	223	0.1873	274	0.0323
173	0.1673	224	0.2953	275	0.3673
174	0.0483	225	0.3723	276	0.5123
175	-0.0917	226	0.2843	277	0.4293
176	-0.2837	227	-0.4987	278	-0.4397
177	0.0083	228	-0.4397	279	-0.3927
178	-0.0897	229	-0.3257	280	-0.3247
179	-0.0797	230	-0.1207	281	-0.2647
180	-0.3217	231	0.0043	282	-0.1767
181	0.5123	232	0.0483	283	0.0033
182	0.5873	233	0.1043	284	0.1303
183	0.6133	234	0.1713	285	0.1663
184	0.8793	235	0.0583	286	-0.3507
185	0.9243	236	0.0803	287	-0.1467
186	0.9413	237	0.2713	288	0.0713
187	1.0213	238	0.2343	289	0.0593
188	1.1283	239	0.3233	290	-0.1447
189	1.1743	240	0.2513	291	-0.3257
190	0.3933	241	-0.3037	292	0.1683
191	-0.3047	242	-0.2657	325	0.1663
192	-0.3127	244	-0.0517	326	0.1703
193	-0.3127	245	0.0063	327	0.1703
194	-0.3157	246	0.0263	328	0.1673
195	-0.3067	247	0.0973	329	0.1643
196	-0.3177	248	0.1573	330	0.1693
197	-0.3157	249	0.1573	331	0.1703
198	-0.3187	250	0.1663	332	0.1693
199	-0.3207	251	-0.3027	333	0.1683
200	-0.3127	252	-0.2607	334	0.1643
201	-0.3137	253	0.3583	335	0.1693
202	-0.3087	254	0.2883	336	0.1593
203	-0.3117	255	-0.5397	337	0.1673
204	-0.3137	256	-0.4797	338	0.1703
205	0.2693	257	-0.4027	339	0.1703
206	0.3183	258	-0.2277	340	0.1673
207	0.3153	259	-0.0197	341	0.1653
208	0.3023	260	0.0293	350	0.1553
210	0.3343	261	0.1153	351	0.1593
211	0.4933	262	0.1913	352	0.1583
212	0.4083	263	0.0153	353	0.1543
213	-0.3737	264	-0.0367	354	0.1543
214	-0.3077	265	-0.1537	355	0.1513
215	-0.2467	266	-0.1127		
216	-0.1787	267	-0.0447		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 821
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 766.
TUNNEL STAGNATION PRESSURE(PSF) = 1845.
TUNNEL STATIC PRESSURE(PSF) = 762.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -14.18
FIN ANGLE(DEG) = 0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	1.0902
247	1.0902
347	1.0902
447	1.0902
547	1.0892
647	1.0892
747	1.0892

ORF	CP	ORF	CP	ORF	CP
1	-0.5018	52	-0.6748	102	-0.5278
2	-0.5578	53	-0.6668	103	-0.7338
3	-0.5548	54	-0.6358	104	-0.6678
4	-0.5928	55	-0.7758	105	-0.5528
5	-0.5858	56	-0.7788	110	-0.1168
6	-0.5698	57	-0.7588	111	-0.1248
7	-0.5558	58	-0.7448	112	-0.1148
8	-0.5248	59	-0.7208	113	-0.1568
9	-0.4788	60	-0.7108	114	0.1052
10	-0.4228	61	-0.6868	115	0.1052
11	-0.3628	62	-0.6838	116	0.1072
12	-0.3008	63	-0.6748	117	0.1082
13	-0.2108	64	-0.6698	118	0.1042
14	-0.1938	65	-0.6538	119	0.1062
15	-0.2488	66	-0.7388	120	-0.2028
16	-0.7008	67	-0.7288	121	0.0952
17	-0.7828	68	-0.7208	122	0.1082
18	-0.8138	69	-0.7098	123	0.1062
19	-0.8098	70	-0.6948	124	-0.1738
20	-0.7718	71	-0.6748	125	-0.1948
21	-0.7388	72	-0.6578	126	-0.1628
22	-0.7188	73	-0.6448	127	-0.1768
23	-0.6988	74	-0.6208	128	-0.1538
24	-0.6668	75	-0.6858	129	-0.2478
25	-0.6158	76	-0.6778	135	-0.1628
26	-0.5388	77	-0.6688	136	-0.1588
27	-0.4038	78	-0.6568	137	-0.1508
28	-0.2918	79	-0.6468	138	0.0002
29	-0.2628	80	-0.6348	139	-0.0058
30	-0.8198	81	-0.6168	140	-0.0088
32	-0.8058	82	-0.6038	141	0.1062
33	-0.7898	83	-0.5138	142	0.0832
34	-0.7678	84	-0.6438	143	0.1122
35	-0.7408	85	-0.6378	145	-0.1608
36	-0.7178	86	-0.6278	147	0.0812
37	-0.6838	87	-0.6138	151	0.0592
38	-0.6398	88	-0.5988	152	-0.1328
39	-0.5778	89	-0.5798	153	-0.1968
40	-0.5108	90	-0.6088	154	-0.2278
41	-0.4868	91	-0.6088	155	-0.0318
42	-0.4878	92	-0.5998	156	-0.0308
43	-0.8618	93	-0.5978	157	-0.1388
44	-0.8538	94	-0.5768	158	0.1742
45	-0.8388	95	-0.5728	159	0.0342
46	-0.8178	96	0.4442	160	-0.0298
47	-0.7948	97	-0.0458	161	-0.1128
48	-0.7708	98	0.6212	162	0.1152
49	-0.7418	99	0.5522	163	0.0362
50	-0.7108	100	0.0142	164	-0.0078
51	-0.6888	101	-0.5398	165	-0.1488

ORF	CP	ORF	CP	ORF	CP
166	0.1302	217	0.0332	268	-0.4528
167	0.0402	218	0.0252	269	-0.0978
168	-0.0068	219	-0.0008	270	-0.0058
169	-0.0998	220	-0.0358	271	-0.4828
170	-0.0348	221	-0.2618	272	-0.2648
171	-0.0478	222	-0.2198	273	0.0552
172	-0.1798	223	0.0372	274	0.0422
173	0.0222	224	0.0882	275	0.1262
174	-0.1288	225	0.1522	276	-0.2628
175	-0.2548	226	0.0802	277	-0.2938
176	-0.4008	227	-0.2258	278	-0.8048
177	-0.1988	228	-0.1938	279	-0.7878
178	-0.1868	229	-0.1498	280	-0.7188
179	-0.1628	230	-0.0488	281	-0.6728
180	-0.3728	231	-0.0128	282	-0.5668
181	0.2632	232	-0.0128	283	-0.5568
182	0.3912	233	-0.0318	284	-0.4548
183	0.2222	234	-0.0448	285	-0.2478
184	0.3672	235	-0.1588	286	-0.5358
185	0.4092	236	-0.1328	287	-0.2718
186	0.4112	237	0.0202	288	0.0702
187	0.4062	238	0.0782	289	0.0742
188	0.4122	239	0.0822	290	-0.2328
189	0.4292	240	0.0562	291	-0.5518
190	0.7602	241	-0.5528	292	0.3222
191	-0.3768	242	-0.4398	325	0.1132
192	-0.3648	244	-0.1858	326	0.1082
193	-0.3668	245	-0.1318	327	0.1102
194	-0.3718	246	-0.1338	328	0.1082
195	-0.3968	247	-0.1538	329	0.1112
196	-0.3868	248	-0.0978	330	0.1122
197	-0.3738	249	-0.1308	331	0.1112
198	-0.3758	250	0.1152	332	0.1112
199	-0.3748	251	-0.3348	333	0.1122
200	-0.3948	252	-0.3788	334	0.1122
201	-0.3798	253	0.2452	335	0.1142
202	-0.3738	254	0.2042	336	0.1122
203	-0.3798	255	-0.7328	337	0.1132
204	-0.3818	256	-0.6698	338	0.1092
205	-0.0008	257	-0.6218	339	0.1112
206	0.2172	258	-0.5468	340	0.1072
207	0.0462	259	-0.5378	341	0.1122
208	0.1282	260	-0.5168	350	0.1102
210	0.1242	261	-0.3678	351	0.1072
211	0.1602	262	-0.2378	352	0.1072
212	0.0972	263	-0.3038	353	0.1052
213	-0.1738	264	-0.2378	354	0.1062
214	-0.0838	265	-0.2468	355	0.1042
215	-0.0528	266	-0.1088		
216	0.0112	267	-0.3148		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 822
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.203
TUNNEL DYNAMIC PRESSURE(PSF) = 768.
TUNNEL STAGNATION PRESSURE(PSF) = 1845.
TUNNEL STATIC PRESSURE(PSF) = 758.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	1.0930
247	1.0930
347	1.0920
447	1.0930
547	1.0950
647	1.0950
747	1.0920

ORF	CP	ORF	CP	ORF	CP
1	-0.4350	52	-0.5250	102	-0.4740
2	-0.5730	53	-0.5260	103	-0.7640
3	-0.5300	54	-0.5100	104	-0.7100
4	-0.5600	55	-0.7240	105	-0.5300
5	-0.5610	56	-0.7300	110	-0.1350
6	-0.5370	57	-0.7220	111	-0.1340
7	-0.4650	58	-0.7220	112	-0.1210
8	-0.3790	59	-0.7040	113	-0.1670
9	-0.2520	60	-0.6830	114	0.1110
10	-0.1550	61	-0.6720	115	0.1100
11	-0.0820	62	-0.6650	116	0.1130
12	0.0000	63	-0.6620	117	0.1110
13	0.0460	64	-0.6810	118	0.1070
14	-0.0290	65	-0.7140	119	0.1060
15	-0.1480	66	-0.6720	120	-0.1840
16	-0.6640	67	-0.6720	121	0.1030
17	-0.7330	68	-0.6970	122	0.1030
18	-0.7460	69	-0.7110	123	0.1110
19	-0.7250	70	-0.7070	124	-0.1550
20	-0.6970	71	-0.7090	125	-0.1700
21	-0.6710	72	-0.7140	126	-0.1420
22	-0.6430	73	-0.7250	127	-0.1550
23	-0.5860	74	-0.6970	128	-0.1480
24	-0.4870	75	-0.6340	129	-0.2210
25	-0.3720	76	-0.6420	135	-0.1470
26	-0.2150	77	-0.6550	136	-0.1480
27	-0.0760	78	-0.6800	137	-0.1450
28	-0.0560	79	-0.6810	138	-0.0060
29	-0.1680	80	-0.6860	139	-0.0110
30	-0.7710	81	-0.6250	140	-0.0090
32	-0.7190	82	-0.5910	141	0.0910
33	-0.6920	83	-0.5010	142	0.0790
34	-0.6570	84	-0.6300	143	0.1020
35	-0.6160	85	-0.6140	145	-0.1460
36	-0.5800	86	-0.5940	147	0.0810
37	-0.5250	87	-0.5630	151	0.1070
38	-0.4670	88	-0.5370	152	-0.1210
39	-0.4040	89	-0.5130	153	-0.2170
40	-0.3660	90	-0.5820	154	-0.2590
41	-0.3380	91	-0.5420	155	-0.0050
42	-0.3350	92	-0.5180	156	-0.0350
43	-0.8000	93	-0.5060	157	-0.1550
44	-0.7930	94	-0.4820	158	0.1470
45	-0.7640	95	-0.4650	159	0.0250
46	-0.7340	96	0.3800	160	-0.0340
47	-0.6940	97	-0.0520	161	-0.1380
48	-0.6510	98	0.5950	162	0.1750
49	-0.6120	99	0.5320	163	0.0800
50	-0.5670	100	0.0180	164	-0.0090
51	-0.5420	101	-0.4870	165	-0.1190

ORF	CP	ORF	CP	ORF	CP
166	0.2290	217	0.0550	268	-0.4060
167	0.1220	218	0.0560	269	-0.1340
168	0.0720	219	0.0390	270	-0.0530
169	-0.0120	220	0.0050	271	-0.4210
170	0.0460	221	-0.2470	272	-0.3370
171	-0.0300	222	-0.1830	273	0.0000
172	-0.1720	223	0.0790	274	0.0210
173	0.0040	224	0.1580	275	0.1560
174	-0.1280	225	0.1980	276	-0.1410
175	-0.2650	226	0.0980	277	-0.2170
176	-0.4040	227	-0.2460	278	-0.7840
177	-0.1740	228	-0.1790	279	-0.7350
178	-0.1840	229	-0.1360	280	-0.6550
179	-0.1390	230	-0.0480	281	-0.5750
180	-0.3760	231	0.0100	282	-0.5140
181	0.2400	232	0.0220	283	-0.4730
182	0.3840	233	0.0100	284	-0.2240
183	0.2500	234	0.0010	285	0.0070
184	0.3590	235	-0.0980	286	-0.4790
185	0.3900	236	-0.0800	287	-0.2390
186	0.4020	237	0.0550	288	0.0390
187	0.4310	238	0.0790	289	0.0640
188	0.4540	239	0.1110	290	-0.2620
189	0.4440	240	0.0740	291	-0.5390
190	0.7130	241	-0.3810	292	0.3510
191	-0.3750	242	-0.3130	325	0.1320
192	-0.3640	244	-0.1300	326	0.1310
193	-0.3620	245	-0.0910	327	0.1320
194	-0.3670	246	-0.0820	328	0.1240
195	-0.3840	247	-0.0730	329	0.1310
196	-0.3890	248	-0.0130	330	0.1290
197	-0.3690	249	-0.0280	331	0.1340
198	-0.3710	250	0.1340	332	0.1350
199	-0.3690	251	-0.3180	333	0.1290
200	-0.3870	252	-0.3890	334	0.1340
201	-0.3720	253	0.2280	335	0.1320
202	-0.3690	254	0.1830	336	0.1330
203	-0.3710	255	-0.6960	337	0.1340
204	-0.3740	256	-0.6120	338	0.1310
205	0.0830	257	-0.5090	339	0.1330
206	0.2140	258	-0.4090	340	0.1260
207	0.1140	259	-0.3790	341	0.1310
208	0.1690	260	-0.3340	350	0.1090
210	0.1660	261	-0.2440	351	0.1100
211	0.1590	262	-0.0160	352	0.1130
212	0.1110	263	-0.2320	353	0.1140
213	-0.1970	264	-0.2280	354	0.1120
214	-0.1010	265	-0.3020	355	0.1100
215	-0.0370	266	-0.1520		
216	0.0300	267	-0.2470		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 823
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.193
TUNNEL DYNAMIC PRESSURE(PSF) = 766.
TUNNEL STAGNATION PRESSURE(PSF) = 1847.
TUNNEL STATIC PRESSURE(PSF) = 768.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.05
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	1.0834
247	1.0824
347	1.0824
447	1.0834
547	1.0794
647	1.0804
747	1.0784

ORF	CP	ORF	CP	ORF	CP
1	-0.2276	52	-0.1356	102	-0.4056
2	-0.4076	53	-0.2356	103	-0.6916
3	-0.3746	54	-0.2776	104	-0.6376
4	-0.3346	55	-0.5056	105	-0.5346
5	-0.2646	56	-0.5206	110	-0.1416
6	-0.1796	57	-0.5036	111	-0.1436
7	-0.1126	58	-0.4846	112	-0.1306
8	-0.0626	59	-0.4486	113	-0.1566
9	-0.0236	60	-0.4166	114	0.1234
10	0.0054	61	-0.3796	115	0.1264
11	0.0224	62	-0.3376	116	0.1244
12	0.0314	63	-0.3096	117	0.1234
13	0.0394	64	-0.3366	118	0.1254
14	-0.0786	65	-0.3466	119	0.1234
15	-0.1836	66	-0.4986	120	-0.1566
16	-0.4456	67	-0.5256	121	0.1204
17	-0.4516	68	-0.5166	122	0.1254
18	-0.4286	69	-0.5076	123	0.1244
19	-0.3926	70	-0.4976	124	-0.1086
20	-0.3456	71	-0.4786	125	-0.1196
21	-0.3046	72	-0.4746	126	-0.0996
22	-0.2376	73	-0.4816	127	-0.1106
23	-0.1596	74	-0.5386	128	-0.0856
24	-0.0806	75	-0.5106	129	-0.1786
25	-0.0316	76	-0.5126	135	-0.0926
26	0.0124	77	-0.5306	136	-0.0886
27	0.0124	78	-0.5326	137	-0.0846
28	-0.0736	79	-0.5326	138	0.0124
29	-0.2056	80	-0.5436	139	0.0084
30	-0.5376	81	-0.5676	140	0.0024
32	-0.4386	82	-0.5566	141	0.0804
33	-0.3696	83	-0.4146	142	0.0814
34	-0.3086	84	-0.5366	143	0.0874
35	-0.2576	85	-0.5526	145	-0.0916
36	-0.2046	86	-0.5586	147	0.0844
37	-0.1586	87	-0.5496	151	0.0874
38	-0.1216	88	-0.5446	152	-0.1236
39	-0.0876	89	-0.5176	153	-0.2206
40	-0.0796	90	-0.5426	154	-0.3056
41	-0.1316	91	-0.5416	155	0.0844
42	-0.2436	92	-0.5416	156	0.0314
43	-0.5306	93	-0.5526	157	-0.1206
44	-0.5236	94	-0.5666	158	0.2174
45	-0.4916	95	-0.5146	159	0.0924
46	-0.4436	96	0.3114	160	0.0244
47	-0.3926	97	-0.0876	161	-0.0896
48	-0.3236	98	0.4994	162	0.2754
49	-0.2486	99	0.4724	163	0.1654
50	-0.1796	100	-0.0346	164	0.0084
51	-0.1456	101	-0.4436	165	-0.0366

ORF	CP	ORF	CP	ORF	CP
166	0.3384	217	0.0734	268	-0.3286
167	0.2364	218	0.0864	269	-0.1226
168	0.2174	219	0.0974	270	-0.0956
169	0.1254	220	0.0764	271	-0.3916
170	0.2184	221	-0.2066	272	-0.2696
171	0.1224	222	-0.1516	273	-0.0386
172	-0.0426	223	0.1434	274	-0.0386
173	0.0274	224	0.2164	275	0.2394
174	-0.0886	225	0.2394	276	0.1054
175	-0.2856	226	0.1554	277	0.0254
176	-0.4396	227	-0.3126	278	-0.5766
177	-0.1566	228	-0.2896	279	-0.4726
178	-0.2056	229	-0.2276	280	-0.3886
179	-0.1236	230	-0.1076	281	-0.2876
180	-0.3776	231	0.0044	282	-0.1966
181	0.2914	232	0.0394	283	-0.1276
182	0.4264	233	0.0584	284	-0.0146
183	0.3314	234	0.0554	285	0.0294
184	0.4664	235	-0.0516	286	-0.4306
185	0.5264	236	-0.0366	287	-0.1816
186	0.5824	237	0.1134	288	-0.0016
187	0.6574	238	0.1304	289	-0.0226
188	0.7374	239	0.2604	290	-0.2486
189	0.8284	240	0.1924	291	-0.5976
190	0.5944	241	-0.4176	292	0.3464
191	-0.3726	242	-0.3426	325	0.1374
192	-0.3716	244	-0.1626	326	0.1384
193	-0.3726	245	-0.0596	327	0.1394
194	-0.3726	246	-0.0266	328	0.1364
195	-0.3786	247	0.0124	329	0.1364
196	-0.3996	248	0.0484	330	0.1394
197	-0.3806	249	0.0204	331	0.1404
198	-0.3796	250	0.1384	332	0.1384
199	-0.3806	251	-0.2966	333	0.1374
200	-0.3826	252	-0.3736	334	0.1364
201	-0.3756	253	0.2554	335	0.1404
202	-0.3776	254	0.1764	336	0.1344
203	-0.3766	255	-0.6306	337	0.1374
204	-0.3766	256	-0.4906	338	0.1384
205	0.2454	257	-0.3526	339	0.1394
206	0.2754	258	-0.1976	340	0.1374
207	0.2884	259	-0.1456	341	0.1374
208	0.3184	260	-0.1216	350	0.1264
210	0.3114	261	-0.0416	351	0.1254
211	0.2104	262	0.0354	352	0.1244
212	0.1434	263	-0.1466	353	0.1254
213	-0.2876	264	-0.2076	354	0.1254
214	-0.2056	265	-0.2246	355	0.1234
215	-0.1216	266	-0.1716		
216	0.0134	267	-0.2096		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 824
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 767.
TUNNEL STAGNATION PRESSURE(PSF) = 1848.
TUNNEL STATIC PRESSURE(PSF) = 766.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -6.05
FIN ANGLE(DEG) = 0.20
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	1.0833
247	1.0823
347	1.0823
447	1.0833
547	1.0843
647	1.0833
747	1.0833

ORF	CP	ORF	CP	ORF	CP
1	-0.0367	52	-0.0427	102	-0.3407
2	-0.2247	53	-0.1847	103	-0.6457
3	-0.2087	54	-0.2437	104	-0.5977
4	-0.1647	55	-0.4757	105	-0.5297
5	-0.1207	56	-0.4027	110	-0.1357
6	-0.0907	57	-0.3477	111	-0.1357
7	-0.0557	58	-0.2737	112	-0.1237
8	-0.0317	59	-0.1967	113	-0.1397
9	-0.0057	60	-0.1267	114	0.1293
10	0.0103	61	-0.0607	115	0.1253
11	0.0223	62	-0.0367	116	0.1253
12	0.0353	63	-0.0417	117	0.1273
13	0.0223	64	-0.2437	118	0.1263
14	-0.0947	65	-0.2427	119	0.1263
15	-0.1857	66	-0.4937	120	-0.1517
16	-0.2437	67	-0.4487	121	0.1223
17	-0.2397	68	-0.3857	122	0.1273
18	-0.2207	69	-0.3357	123	0.1293
19	-0.1887	70	-0.2657	124	-0.0947
20	-0.1637	71	-0.1897	125	-0.1147
21	-0.1187	72	-0.1127	126	-0.0867
22	-0.0907	73	-0.1007	127	-0.1057
23	-0.0527	74	-0.2397	128	-0.0667
24	-0.0257	75	-0.4817	129	-0.1657
25	0.0003	76	-0.4587	135	-0.0757
26	0.0063	77	-0.4257	136	-0.0787
27	-0.0137	78	-0.3817	137	-0.0697
28	-0.1067	79	-0.3347	138	0.0203
29	-0.2077	80	-0.2987	139	0.0213
30	-0.3787	81	-0.2937	140	0.0193
32	-0.2237	82	-0.3257	141	0.0863
33	-0.1777	83	-0.3677	142	0.0823
34	-0.1217	84	-0.4657	143	0.0883
35	-0.0947	85	-0.4457	145	-0.0757
36	-0.0577	86	-0.4147	147	0.0873
37	-0.0337	87	-0.3747	151	0.1463
38	-0.0227	88	-0.3637	152	-0.0777
39	-0.0117	89	-0.3977	153	-0.1947
40	-0.0377	90	-0.4527	154	-0.3057
41	-0.1147	91	-0.4567	155	0.0663
42	-0.2307	92	-0.4437	156	0.0923
43	-0.4487	93	-0.4277	157	-0.0527
44	-0.3757	94	-0.4427	158	0.2633
45	-0.3087	95	-0.4977	159	0.1573
46	-0.2337	96	0.2573	160	0.0903
47	-0.1517	97	-0.1077	161	-0.0297
48	-0.1047	98	0.4183	162	0.2933
49	-0.0507	99	0.4253	163	0.1903
50	-0.0237	100	-0.0367	164	0.0153
51	-0.0187	101	-0.3907	165	-0.0127

ORF	CP	ORF	CP	ORF	CP
166	0.3473	217	0.0793	268	-0.2497
167	0.2403	218	0.0983	269	-0.1067
168	0.2143	219	0.1023	270	-0.0977
169	0.1153	220	0.0873	271	-0.3447
170	0.2343	221	-0.1637	272	-0.1807
171	0.1223	222	-0.1407	273	-0.0357
172	-0.0367	223	0.1683	274	-0.0557
173	0.0553	224	0.2503	275	0.2943
174	-0.0717	225	0.2783	276	0.2203
175	-0.2637	226	0.1793	277	0.1303
176	-0.4187	227	-0.2997	278	-0.4307
177	-0.0887	228	-0.2827	279	-0.3747
178	-0.1637	229	-0.2227	280	-0.2917
179	-0.1107	230	-0.1127	281	-0.1557
180	-0.3647	231	0.0103	282	-0.0967
181	0.3943	232	0.0543	283	-0.0687
182	0.5173	233	0.0783	284	0.0043
183	0.3743	234	0.0793	285	0.0263
184	0.5163	235	-0.0287	286	-0.3757
185	0.5653	236	-0.0067	287	-0.1197
186	0.6213	237	0.1403	288	-0.0097
187	0.7023	238	0.1543	289	-0.0527
188	0.8013	239	0.3533	290	-0.2327
189	0.8663	240	0.2823	291	-0.5557
190	0.5373	241	-0.5357	292	0.2663
191	-0.3707	242	-0.4437	325	0.1333
192	-0.3677	244	-0.1887	326	0.1353
193	-0.3667	245	-0.0337	327	0.1353
194	-0.3697	246	0.0143	328	0.1343
195	-0.3707	247	0.0473	329	0.1323
196	-0.3947	248	0.0803	330	0.1333
197	-0.3727	249	0.0403	331	0.1353
198	-0.3707	250	0.1343	332	0.1363
199	-0.3777	251	-0.2657	333	0.1363
200	-0.3747	252	-0.3347	334	0.1333
201	-0.3697	253	0.3093	335	0.1333
202	-0.3667	254	0.2203	336	0.1363
203	-0.3657	255	-0.5497	337	0.1343
204	-0.3667	256	-0.4337	338	0.1353
205	0.3043	257	-0.3187	339	0.1353
206	0.3203	258	-0.1737	340	0.1353
207	0.3383	259	-0.0997	341	0.1333
208	0.3793	260	-0.0597	350	0.1273
210	0.3633	261	0.0013	351	0.1293
211	0.2433	262	0.0483	352	0.1253
212	0.1773	263	-0.1287	353	0.1263
213	-0.3187	264	-0.1607	354	0.1253
214	-0.2337	265	-0.1787	355	0.1263
215	-0.1747	266	-0.1657		
216	-0.0227	267	-0.1927		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 825
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 769.
TUNNEL STAGNATION PRESSURE(PSF) = 1852.
TUNNEL STATIC PRESSURE(PSF) = 765.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.12
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	1.0812
247	1.0802
347	1.0812
447	1.0812
547	1.0802
647	1.0802
747	1.0752

ORF	CP	ORF	CP	ORF	CP
1	0.1802	52	0.0452	102	-0.3038
2	-0.1338	53	-0.1208	103	-0.5918
3	-0.1988	54	-0.2178	104	-0.5538
4	-0.1448	55	-0.3878	105	-0.4818
5	-0.1188	56	-0.1878	110	-0.1528
6	-0.0968	57	-0.1178	111	-0.1518
7	-0.0618	58	-0.0508	112	-0.1358
8	-0.0198	59	0.0272	113	-0.1558
9	0.0142	60	0.0772	114	0.1132
10	0.0342	61	0.0932	115	0.1112
11	0.0572	62	0.0872	116	0.1122
12	0.0612	63	0.0532	117	0.1112
13	0.0522	64	-0.2068	118	0.1102
14	-0.0598	65	-0.2098	119	0.1112
15	-0.1618	66	-0.5028	120	-0.1828
16	-0.0688	67	-0.2168	121	0.1042
17	-0.1508	68	-0.0928	122	0.1132
18	-0.1478	69	0.0332	123	0.1132
19	-0.1118	70	0.0872	124	-0.1068
20	-0.0938	71	0.1002	125	-0.1288
21	-0.0628	72	0.0832	126	-0.0948
22	-0.0188	73	0.0382	127	-0.1158
23	0.0162	74	-0.2108	128	-0.0808
24	0.0392	75	-0.5748	129	-0.1958
25	0.0522	76	-0.3228	135	-0.0808
26	0.0562	77	-0.0648	136	-0.0808
27	0.0322	78	0.0682	137	-0.0808
28	-0.0708	79	0.1082	138	0.0122
29	-0.1868	80	0.1112	139	0.0072
30	-0.1708	81	0.0332	140	0.0022
32	-0.1238	82	-0.1898	141	0.0712
33	-0.1088	83	-0.4528	142	0.0752
34	-0.0618	84	-0.3418	143	0.0742
35	-0.0218	85	-0.0548	145	-0.0828
36	0.0192	86	0.0852	147	0.0712
37	0.0492	87	0.1342	151	0.1332
38	0.0582	88	0.0802	152	-0.0658
39	0.0602	89	-0.1788	153	-0.1688
40	0.0332	90	-0.5568	154	-0.3218
41	-0.0518	91	-0.2598	155	0.1082
42	-0.1988	92	-0.0808	156	0.1802
43	-0.2728	93	0.0772	157	0.0112
44	-0.1718	94	0.0712	158	0.3432
45	-0.1338	95	-0.1858	159	0.2242
46	-0.0868	96	0.1542	160	0.1522
47	-0.0308	97	-0.1468	161	0.0312
48	0.0252	98	0.3202	162	0.3282
49	0.0722	99	0.3652	163	0.2282
50	0.0862	100	-0.0308	164	0.0122
51	0.0712	101	-0.3608	165	0.0162

ORF	CP	ORF	CP	ORF	CP
166	0.3902	217	0.0822	268	-0.2218
167	0.2482	218	0.1012	269	-0.0728
168	0.2212	219	0.1042	270	-0.0688
169	0.1132	220	0.1002	271	-0.3188
170	0.2592	221	-0.1238	272	-0.1748
171	0.1272	222	-0.1228	273	-0.0038
172	-0.0328	223	0.1912	274	-0.0328
173	0.0802	224	0.2892	275	0.3852
174	-0.0478	225	0.3112	276	0.3712
175	-0.2228	226	0.2082	277	0.2592
176	-0.4008	227	-0.3158	278	-0.5708
177	-0.0588	228	-0.2848	279	-0.4698
178	-0.1508	229	-0.2208	280	-0.3668
179	-0.1328	230	-0.0868	281	-0.1898
180	-0.3678	231	0.0092	282	-0.0978
181	0.4402	232	0.0602	283	-0.0698
182	0.5542	233	0.0872	284	0.0272
183	0.4232	234	0.0982	285	0.0642
184	0.5492	235	0.0012	286	-0.3448
185	0.5722	236	0.0132	287	-0.0878
186	0.6002	237	0.1632	288	0.0082
187	0.6602	238	0.1802	289	-0.0488
188	0.7202	239	0.4032	290	-0.1898
189	0.8002	240	0.3432	291	-0.5458
190	0.4842	241	-0.6618	292	0.1942
191	-0.3648	242	-0.5818	325	0.1312
192	-0.3678	244	-0.2968	326	0.1312
193	-0.3678	245	-0.0748	327	0.1302
194	-0.3718	246	0.0342	328	0.1312
195	-0.3688	247	0.0862	329	0.1322
196	-0.3768	248	0.1272	330	0.1332
197	-0.3728	249	0.0792	331	0.1312
198	-0.3738	250	0.1342	332	0.1312
199	-0.3768	251	-0.2288	333	0.1322
200	-0.3708	252	-0.3028	334	0.1322
201	-0.3678	253	0.4252	335	0.1342
202	-0.3638	254	0.3152	336	0.1322
203	-0.3688	255	-0.6748	337	0.1322
204	-0.3688	256	-0.6078	338	0.1302
205	0.3372	257	-0.4718	339	0.1312
206	0.3562	258	-0.3038	340	0.1322
207	0.3732	259	-0.1188	341	0.1322
208	0.3872	260	-0.0248	350	0.1132
210	0.4062	261	0.0492	351	0.1122
211	0.3042	262	0.1072	352	0.1122
212	0.2222	263	-0.0988	353	0.1122
213	-0.3538	264	-0.1028	354	0.1132
214	-0.2478	265	-0.1338	355	0.1152
215	-0.1938	266	-0.1328		
216	-0.0258	267	-0.1628		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 826
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.200
TUNNEL DYNAMIC PRESSURE(PSF) = 771.
TUNNEL STAGNATION PRESSURE(PSF) = 1855.
TUNNEL STATIC PRESSURE(PSF) = 765.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = -1.93
FIN ANGLE(DEG) = -0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	1.0788
247	1.0778
347	1.0778
447	1.0788
547	1.0778
647	1.0778
747	1.0778

ORF	CP	ORF	CP	ORF	CP
1	0.3078	52	0.1378	102	-0.3162
2	-0.0822	53	-0.0572	103	-0.5842
3	-0.3062	54	-0.1902	104	-0.5602
4	-0.2372	55	-0.0562	105	-0.4852
5	-0.1832	56	-0.0022	110	-0.1412
6	-0.0812	57	0.1498	111	-0.1442
7	0.0498	58	0.2228	112	-0.1242
8	0.0978	59	0.2128	113	-0.1412
9	0.1388	60	0.2148	114	0.1288
10	0.1588	61	0.1978	115	0.1288
11	0.1718	62	0.1658	116	0.1278
12	0.1738	63	0.1128	117	0.1288
13	0.1608	64	-0.1882	118	0.1298
14	0.0398	65	-0.1912	119	0.1308
15	-0.0852	66	-0.0722	120	-0.1732
16	0.0138	67	0.1798	121	0.1248
17	-0.1592	68	0.2198	122	0.1298
18	-0.2282	69	0.2218	123	0.1288
19	-0.1872	70	0.2038	124	-0.1022
20	-0.0442	71	0.1788	125	-0.1082
21	0.0598	72	0.1498	126	-0.0702
22	0.1298	73	0.0888	127	-0.0982
23	0.1638	74	-0.2032	128	-0.0682
24	0.1728	75	-0.0872	129	-0.1922
25	0.1788	76	0.1788	135	-0.0672
26	0.1708	77	0.2198	136	-0.0642
27	0.1448	78	0.1968	137	-0.0682
28	0.0278	79	0.1688	138	0.0238
29	-0.1122	80	0.1258	139	0.0268
30	-0.0492	81	0.0478	140	0.0158
32	-0.1832	82	-0.2052	141	0.0908
33	-0.1482	83	0.0308	142	0.0958
34	0.0708	84	0.1198	143	0.0908
35	0.1458	85	0.1548	145	-0.0672
36	0.1788	86	0.1478	147	0.0918
37	0.1888	87	0.1378	151	0.1098
38	0.1908	88	0.0678	152	-0.0632
39	0.1798	89	-0.2002	153	-0.1842
40	0.1378	90	-0.0062	154	-0.3522
41	0.0448	91	0.1358	155	0.2558
42	-0.1382	92	0.1428	156	0.2198
43	-0.0602	93	0.1208	157	0.0508
44	-0.1222	94	0.0568	158	0.4588
45	-0.1002	95	-0.1902	159	0.3018
46	0.1048	96	-0.0062	160	0.2408
47	0.1888	97	-0.1862	161	0.1258
48	0.2038	98	0.2398	162	0.4108
49	0.2038	99	0.3038	163	0.3108
50	0.1968	100	0.0258	164	0.0258
51	0.1778	101	-0.3782	165	0.0858

ORF	CP	ORF	CP	ORF	CP
166	0.4958	217	0.0638	268	-0.2202
167	0.2908	218	0.1108	269	-0.0602
168	0.2678	219	0.1318	270	-0.0242
169	0.1648	220	0.1338	271	-0.3252
170	0.3238	221	-0.1232	272	-0.2932
171	0.1478	222	-0.1312	273	0.0218
172	-0.0232	223	0.2558	274	-0.0022
173	0.0738	224	0.3428	275	0.4418
174	-0.0382	225	0.3428	276	0.5008
175	-0.2692	226	0.2218	277	0.3688
176	-0.4072	227	-0.3132	278	-0.6082
177	-0.0752	228	-0.2852	279	-0.5332
178	-0.1912	229	-0.2442	280	-0.4432
179	-0.1372	230	-0.1072	281	-0.2892
180	-0.3712	231	0.0378	282	-0.1882
181	0.4168	232	0.0868	283	-0.0102
182	0.5588	233	0.1198	284	0.1498
183	0.5258	234	0.1378	285	0.1658
184	0.6848	235	0.0258	286	-0.3602
185	0.7128	236	0.0268	287	-0.1292
186	0.6918	237	0.2068	288	0.0508
187	0.7058	238	0.1878	289	-0.0152
188	0.7508	239	0.3588	290	-0.1672
189	0.7828	240	0.2808	291	-0.4962
190	0.4858	241	-0.5272	292	0.1638
191	-0.3642	242	-0.4302	325	0.1398
192	-0.3672	244	-0.1362	326	0.1378
193	-0.3692	245	-0.0092	327	0.1388
194	-0.3722	246	0.0628	328	0.1388
195	-0.3672	247	0.1238	329	0.1378
196	-0.3702	248	0.1658	330	0.1398
197	-0.3692	249	0.1228	331	0.1388
198	-0.3722	250	0.1418	332	0.1388
199	-0.3722	251	-0.2002	333	0.1388
200	-0.3712	252	-0.2892	334	0.1388
201	-0.3652	253	0.4828	335	0.1408
202	-0.3592	254	0.3878	336	0.1398
203	-0.3632	255	-0.6962	337	0.1398
204	-0.3672	256	-0.6142	338	0.1378
205	0.3478	257	-0.5622	339	0.1388
206	0.3718	258	-0.4272	340	0.1388
207	0.3838	259	-0.1582	341	0.1388
208	0.3868	260	0.0598	350	0.1308
210	0.4018	261	0.1568	351	0.1298
211	0.4028	262	0.2058	352	0.1298
212	0.3238	263	-0.0622	353	0.1288
213	-0.4252	264	-0.0762	354	0.1298
214	-0.3282	265	-0.1382	355	0.1308
215	-0.2292	266	-0.1072		
216	-0.0842	267	-0.1192		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 827
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 771.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 768.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.27
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	1.0749
247	1.0739
347	1.0749
447	1.0749
547	1.0739
647	1.0739
747	1.0709

ORF	CP	ORF	CP	ORF	CP
1	0.3159	52	0.1539	102	-0.3581
2	-0.0611	53	-0.0291	103	-0.5861
3	-0.3241	54	-0.1841	104	-0.5611
4	-0.1011	55	0.2819	105	-0.4911
5	0.0809	56	0.2679	110	-0.1461
6	0.1389	57	0.2579	111	-0.1511
7	0.1629	58	0.2519	112	-0.1261
8	0.1749	59	0.2439	113	-0.1451
9	0.1879	60	0.2339	114	0.1359
10	0.1839	61	0.2209	115	0.1359
11	0.1879	62	0.1929	116	0.1349
12	0.1819	63	0.1429	117	0.1339
13	0.1609	64	-0.1731	118	0.1339
14	0.0389	65	-0.1781	119	0.1349
15	-0.0741	66	0.2859	120	-0.1731
16	0.0349	67	0.2779	121	0.1289
17	-0.1381	68	0.2649	122	0.1339
18	-0.0891	69	0.2569	123	0.1349
19	0.1599	70	0.2339	124	-0.0901
20	0.1839	71	0.2119	125	-0.1041
21	0.1879	72	0.1869	126	-0.0691
22	0.1929	73	0.1259	127	-0.0891
23	0.1949	74	-0.1961	128	-0.0581
24	0.1949	75	0.3019	129	-0.1941
25	0.1959	76	0.2819	135	-0.0671
26	0.1869	77	0.2619	136	-0.0651
27	0.1619	78	0.2409	137	-0.0591
28	0.0499	79	0.2049	138	0.0189
29	-0.1091	80	0.1509	139	0.0209
30	-0.0211	81	0.0539	140	0.0279
32	0.1859	82	-0.2101	141	0.0959
33	0.2269	83	0.2879	142	0.0949
34	0.2159	84	0.2739	143	0.0919
35	0.2099	85	0.2299	145	-0.0691
36	0.2089	86	0.1659	147	0.0949
37	0.2059	87	0.1389	151	0.0909
38	0.2059	88	0.0729	152	-0.0641
39	0.1939	89	-0.2211	153	-0.2071
40	0.1629	90	0.2469	154	-0.3361
41	0.0749	91	0.1779	155	0.3059
42	-0.1621	92	0.1529	156	0.2449
43	0.1229	93	0.1199	157	0.0809
44	0.2519	94	0.0809	158	0.5399
45	0.2369	95	-0.2261	159	0.3519
46	0.2309	96	-0.3671	160	0.3059
47	0.2319	97	-0.1861	161	0.2039
48	0.2299	98	0.2359	162	0.4759
49	0.2249	99	0.2529	163	0.3849
50	0.2189	100	0.0559	164	0.0199
51	0.1969	101	-0.4161	165	0.1339

ORF	CP	ORF	CP	ORF	CP
166	0.5169	217	0.0479	268	-0.2251
167	0.3649	218	0.1379	269	-0.1161
168	0.3299	219	0.1659	270	-0.0551
169	0.2159	220	0.1769	271	-0.3491
170	0.3009	221	-0.0961	272	-0.3431
171	0.2339	222	-0.1181	273	-0.0161
172	0.0429	223	0.2839	274	-0.0121
173	0.1399	224	0.3739	275	0.4339
174	-0.0121	225	0.3939	276	0.5139
175	-0.2101	226	0.3079	277	0.3999
176	-0.4111	227	-0.5351	278	-0.6031
177	-0.0911	228	-0.4321	279	-0.5351
178	-0.2021	229	-0.3161	280	-0.4081
179	-0.1361	230	-0.1151	281	-0.2751
180	-0.3761	231	0.0509	282	0.0299
181	0.4039	232	0.1199	283	0.1399
182	0.5589	233	0.1629	284	0.1869
183	0.5689	234	0.1779	285	0.1749
184	0.7859	235	0.0369	286	-0.4011
185	0.8379	236	0.0529	287	-0.1561
186	0.9039	237	0.2559	288	0.0569
187	0.9389	238	0.2479	289	0.0029
188	1.0349	239	0.3529	290	-0.2041
189	1.0759	240	0.2649	291	-0.4981
190	0.4369	241	-0.2771	292	0.1769
191	-0.3631	242	-0.2411	325	0.1439
192	-0.3701	244	-0.0461	326	0.1449
193	-0.3741	245	0.0679	327	0.1419
194	-0.3751	246	0.1069	328	0.1439
195	-0.3671	247	0.1569	329	0.1439
196	-0.3781	248	0.1759	330	0.1419
197	-0.3751	249	0.1289	331	0.1459
198	-0.3791	250	0.1459	332	0.1429
199	-0.3791	251	-0.2191	333	0.1439
200	-0.3751	252	-0.3161	334	0.1439
201	-0.3771	253	0.3829	335	0.1429
202	-0.3711	254	0.2739	336	0.1439
203	-0.3721	255	-0.5711	337	0.1439
204	-0.3731	256	-0.4831	338	0.1459
205	0.3299	257	-0.3701	339	0.1419
206	0.3669	258	-0.1601	340	0.1439
207	0.3679	259	0.0629	341	0.1439
208	0.3609	260	0.1189	350	0.1349
210	0.4099	261	0.1679	351	0.1359
211	0.4659	262	0.1899	352	0.1349
212	0.3529	263	-0.0221	353	0.1359
213	-0.5011	264	-0.0931	354	0.1359
214	-0.4171	265	-0.2061	355	0.1359
215	-0.3071	266	-0.1531		
216	-0.1301	267	-0.0841		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 828
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 771.
TUNNEL STAGNATION PRESSURE(PSF) = 1858.
TUNNEL STATIC PRESSURE(PSF) = 769.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 2.08
FIN ANGLE(DEG) = -0.32
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	1.0736
247	1.0726
347	1.0726
447	1.0726
547	1.0716
647	1.0716
747	1.0716

ORF	CP	ORF	CP	ORF	CP
1	0.2236	52	0.1596	102	-0.3454
2	0.0096	53	-0.0164	103	-0.5954
3	0.0286	54	-0.1674	104	-0.5674
4	0.0876	55	0.3026	105	-0.4934
5	0.1356	56	0.2856	110	-0.1594
6	0.1536	57	0.2726	111	-0.1684
7	0.1556	58	0.2726	112	-0.1384
8	0.1726	59	0.2696	113	-0.1604
9	0.1726	60	0.2596	114	0.1176
10	0.1806	61	0.2436	115	0.1186
11	0.1716	62	0.2176	116	0.1186
12	0.1626	63	0.1776	117	0.1186
13	0.1426	64	-0.1674	118	0.1186
14	0.0186	65	-0.1624	119	0.1196
15	-0.0664	66	0.3366	120	-0.1804
16	0.1266	67	0.3216	121	0.1136
17	0.1396	68	0.3016	122	0.1186
18	0.1356	69	0.2856	123	0.1176
19	0.1556	70	0.2736	124	-0.0934
20	0.1636	71	0.2596	125	-0.1084
21	0.1686	72	0.2246	126	-0.0634
22	0.1796	73	0.1606	127	-0.0894
23	0.1856	74	-0.1734	128	-0.0794
24	0.1846	75	0.3806	129	-0.2074
25	0.1826	76	0.3436	135	-0.0754
26	0.1666	77	0.3216	136	-0.0774
27	0.1336	78	0.2916	137	-0.0764
28	0.0276	79	0.2526	138	0.0096
29	-0.0894	80	0.1906	139	0.0106
30	0.1986	81	0.0786	140	0.0146
32	0.1946	82	-0.2014	141	0.0786
33	0.1956	83	0.3596	142	0.0806
34	0.1936	84	0.3306	143	0.0796
35	0.2036	85	0.2746	145	-0.0804
36	0.1996	86	0.1986	147	0.0846
37	0.1986	87	0.1376	151	0.0966
38	0.1946	88	0.0646	152	-0.0354
39	0.1776	89	-0.2284	153	-0.2144
40	0.1466	90	0.3326	154	-0.3084
41	0.0596	91	0.1816	155	0.3736
42	-0.1204	92	0.1336	156	0.2276
43	0.2626	93	0.1066	157	0.0926
44	0.2386	94	0.0586	158	0.6336
45	0.2336	95	-0.2364	159	0.3716
46	0.2386	96	-0.2984	160	0.3446
47	0.2416	97	-0.1844	161	0.2436
48	0.2336	98	0.1606	162	0.5226
49	0.2356	99	0.2136	163	0.4276
50	0.2196	100	0.0286	164	-0.0014
51	0.2026	101	-0.3934	165	0.1756

ORF	CP	ORF	CP	ORF	CP
166	0.5316	217	-0.1364	268	-0.1984
167	0.4346	218	0.0576	269	-0.1454
168	0.3906	219	0.1926	270	-0.1124
169	0.2646	220	0.2176	271	-0.3174
170	0.2536	221	-0.0614	272	-0.3054
171	0.3186	222	-0.0834	273	-0.0704
172	0.1026	223	0.3436	274	-0.0594
173	0.2276	224	0.4156	275	0.4266
174	0.0466	225	0.4946	276	0.3956
175	-0.1034	226	0.3616	277	0.3036
176	-0.3764	227	-0.6844	278	-0.2884
177	-0.0784	228	-0.6364	279	-0.2444
178	-0.1844	229	-0.5134	280	-0.1614
179	-0.0704	230	-0.3254	281	0.0146
180	-0.3774	231	-0.0304	282	0.1376
181	0.4016	232	0.0886	283	0.1476
182	0.5506	233	0.1896	284	0.1746
183	0.6086	234	0.2326	285	0.1486
184	0.8566	235	0.0446	286	-0.3814
185	0.9836	236	0.0916	287	-0.1274
186	1.0316	237	0.3266	288	0.0006
187	1.1186	238	0.3246	289	-0.0204
188	1.1926	239	0.3886	290	-0.2394
189	1.2256	240	0.3076	291	-0.2584
190	0.3886	241	-0.4364	292	0.1676
191	-0.3634	242	-0.4014	325	0.1336
192	-0.3704	244	-0.1164	326	0.1336
193	-0.3734	245	0.0416	327	0.1356
194	-0.3744	246	0.0896	328	0.1366
195	-0.3684	247	0.1656	329	0.1356
196	-0.3754	248	0.1916	330	0.1346
197	-0.3724	249	0.1476	331	0.1356
198	-0.3804	250	0.1356	332	0.1356
199	-0.3834	251	-0.2194	333	0.1376
200	-0.3764	252	-0.3224	334	0.1376
201	-0.3704	253	0.3496	335	0.1346
202	-0.3634	254	0.2486	336	0.1346
203	-0.3704	255	-0.2674	337	0.1336
204	-0.3734	256	-0.2264	338	0.1336
205	0.3226	257	-0.1804	339	0.1346
206	0.3646	258	-0.0244	340	0.1366
207	0.3496	259	0.0876	341	0.1356
208	0.3416	260	0.1226	350	0.1176
210	0.4366	261	0.1596	351	0.1166
211	0.5456	262	0.1696	352	0.1176
212	0.3926	263	-0.0094	353	0.1196
213	-0.5194	264	-0.0894	354	0.1166
214	-0.4614	265	-0.1994	355	0.1166
215	-0.3864	266	-0.1884		
216	-0.3184	267	-0.0764		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 829
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 772.
TUNNEL STAGNATION PRESSURE(PSF) = 1859.
TUNNEL STATIC PRESSURE(PSF) = 769.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.13
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	1.0729
247	1.0719
347	1.0729
447	1.0729
547	1.0739
647	1.0739
747	1.0729

ORF	CP	ORF	CP	ORF	CP
1	0.3139	52	0.1999	102	-0.3191
2	0.1869	53	0.0049	103	-0.5911
3	0.1649	54	-0.1251	104	-0.5581
4	0.1909	55	0.3909	105	-0.4851
5	0.1829	56	0.3549	110	-0.1481
6	0.1889	57	0.3409	111	-0.1631
7	0.1989	58	0.3409	112	-0.1261
8	0.2039	59	0.3299	113	-0.1451
9	0.2089	60	0.3109	114	0.1229
10	0.2129	61	0.2869	115	0.1239
11	0.2139	62	0.2549	116	0.1249
12	0.1999	63	0.2039	117	0.1239
13	0.1749	64	-0.1441	118	0.1219
14	0.0579	65	-0.1311	119	0.1209
15	-0.0361	66	0.4319	120	-0.1711
16	0.2719	67	0.3899	121	0.1179
17	0.2389	68	0.3609	122	0.1229
18	0.2209	69	0.3389	123	0.1229
19	0.2129	70	0.3199	124	-0.0761
20	0.2109	71	0.2929	125	-0.0931
21	0.2179	72	0.2569	126	-0.0451
22	0.2279	73	0.1799	127	-0.0781
23	0.2209	74	-0.1501	128	-0.0681
24	0.2259	75	0.4629	129	-0.1981
25	0.2209	76	0.4029	135	-0.0711
26	0.2059	77	0.3629	136	-0.0691
27	0.1659	78	0.3279	137	-0.0691
28	0.0629	79	0.2819	138	0.0199
29	-0.0511	80	0.2199	139	0.0199
30	0.3139	81	0.0889	140	0.0199
32	0.2599	82	-0.1901	141	0.0959
33	0.2499	83	0.4219	142	0.0879
34	0.2459	84	0.3919	143	0.0899
35	0.2479	85	0.3219	145	-0.0701
36	0.2499	86	0.2379	147	0.0879
37	0.2459	87	0.1539	151	0.1519
38	0.2439	88	0.0619	152	0.0119
39	0.2259	89	-0.2301	153	-0.1701
40	0.1919	90	0.3919	154	-0.2821
41	0.0919	91	0.2039	155	0.4039
42	-0.0831	92	0.1229	156	0.2669
43	0.3569	93	0.0649	157	0.1069
44	0.3239	94	0.0049	158	0.5959
45	0.3019	95	-0.2761	159	0.3929
46	0.3009	96	-0.2021	160	0.3569
47	0.2889	97	-0.2271	161	0.2569
48	0.2969	98	-0.0821	162	0.5019
49	0.2889	99	0.0039	163	0.4409
50	0.2629	100	0.0379	164	0.0199
51	0.2419	101	-0.3681	165	0.1779

ORF	CP	ORF	CP	ORF	CP
166	0.5069	217	-0.2011	268	-0.1561
167	0.4539	218	-0.1371	269	-0.1381
168	0.3859	219	0.1269	270	-0.1151
169	0.2599	220	0.2099	271	-0.2771
170	0.2559	221	-0.0311	272	-0.2541
171	0.3709	222	0.0059	273	-0.0771
172	0.1399	223	0.3889	274	-0.0771
173	0.3099	224	0.4349	275	0.3559
174	0.1129	225	0.5319	276	0.4129
175	-0.0321	226	0.4189	277	0.3449
176	-0.3071	227	-0.7001	278	-0.0651
177	-0.0361	228	-0.6331	279	0.0229
178	-0.1001	229	-0.5701	280	0.1269
179	0.0169	230	-0.4221	281	0.1839
180	-0.3751	231	-0.2561	282	0.1879
181	0.3759	232	-0.0851	283	0.2019
182	0.5209	233	0.1749	284	0.2229
183	0.5989	234	0.2459	285	0.1919
184	0.8589	235	0.0829	286	-0.3511
185	0.9639	236	0.1529	287	-0.1001
186	1.0549	237	0.3469	288	-0.0131
187	1.1589	238	0.4089	289	-0.0451
188	1.2509	239	0.4489	290	-0.2291
189	1.2679	240	0.3739	291	-0.2031
190	0.2949	241	-0.6451	292	0.0849
191	-0.3621	242	-0.5541	325	0.1319
192	-0.3661	244	-0.3171	326	0.1309
193	-0.3681	245	-0.0761	327	0.1319
194	-0.3721	246	0.0729	328	0.1309
195	-0.3611	247	0.2049	329	0.1309
196	-0.3681	248	0.2539	330	0.1309
197	-0.3711	249	0.1949	331	0.1309
198	-0.3731	250	0.1309	332	0.1329
199	-0.3721	251	-0.2221	333	0.1329
200	-0.3651	252	-0.3161	334	0.1319
201	-0.3611	253	0.4059	335	0.1319
202	-0.3581	254	0.2959	336	0.1319
203	-0.3661	255	-0.2991	337	0.1319
204	-0.3561	256	-0.2121	338	0.1309
205	0.3169	257	-0.1331	339	0.1319
206	0.3509	258	0.0199	340	0.1309
207	0.3459	259	0.1149	341	0.1309
208	0.3399	260	0.1509	350	0.1249
210	0.5069	261	0.2009	351	0.1249
211	0.4799	262	0.2109	352	0.1219
212	0.3679	263	0.0249	353	0.1229
213	-0.5611	264	-0.0431	354	0.1209
214	-0.5051	265	-0.1681	355	0.1219
215	-0.4141	266	-0.1801		
216	-0.2571	267	-0.0461		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 830
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.200
TUNNEL DYNAMIC PRESSURE(PSF) = 773.
TUNNEL STAGNATION PRESSURE(PSF) = 1859.
TUNNEL STATIC PRESSURE(PSF) = 766.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 6.00
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 547.

SCANIVALUE	CP(REF)
147	1.0751
247	1.0741
347	1.0751
447	1.0751
547	1.0731
647	1.0741
747	1.0721

ORF	CP	ORF	CP	ORF	CP
1	0.4041	52	0.2591	102	-0.3319
2	0.3081	53	0.0441	103	-0.6239
3	0.2751	54	-0.0669	104	-0.5829
4	0.2661	55	0.5091	105	-0.5129
5	0.2721	56	0.4681	110	-0.1589
6	0.2711	57	0.4481	111	-0.1799
7	0.2691	58	0.4331	112	-0.1409
8	0.2931	59	0.4091	113	-0.1579
9	0.3051	60	0.3871	114	0.1231
10	0.2961	61	0.3551	115	0.1221
11	0.2961	62	0.3121	116	0.1241
12	0.2891	63	0.2461	117	0.1231
13	0.2591	64	-0.1189	118	0.1201
14	0.1231	65	-0.0859	119	0.1221
15	0.0251	66	0.5411	120	-0.1819
16	0.3731	67	0.4831	121	0.1121
17	0.3231	68	0.4461	122	0.1221
18	0.2981	69	0.4201	123	0.1221
19	0.2921	70	0.3841	124	-0.0909
20	0.2901	71	0.3521	125	-0.1159
21	0.3061	72	0.3051	126	-0.0659
22	0.3011	73	0.2071	127	-0.0979
23	0.3131	74	-0.1059	128	-0.0839
24	0.3131	75	0.5441	129	-0.2099
25	0.3091	76	0.4821	135	-0.0829
26	0.2881	77	0.4301	136	-0.0859
27	0.2491	78	0.3791	137	-0.0849
28	0.1311	79	0.3221	138	0.0081
29	0.0061	80	0.2521	139	0.0111
30	0.4081	81	0.1101	140	0.0151
32	0.3481	82	-0.1499	141	0.0731
33	0.3421	83	0.4901	142	0.0791
34	0.3431	84	0.4521	143	0.0761
35	0.3481	85	0.3771	145	-0.0869
36	0.3441	86	0.2891	147	0.0751
37	0.3381	87	0.2001	151	0.2191
38	0.3261	88	0.0971	152	0.0501
39	0.3031	89	-0.1949	153	-0.0949
40	0.2631	90	0.4511	154	-0.2489
41	0.1581	91	0.2661	155	0.4161
42	-0.0229	92	0.1661	156	0.3251
43	0.4491	93	0.0971	157	0.1611
44	0.4171	94	0.0141	158	0.6601
45	0.4051	95	-0.2699	159	0.4431
46	0.4091	96	-0.2049	160	0.4151
47	0.3981	97	-0.2439	161	0.3091
48	0.3891	98	-0.3229	162	0.5421
49	0.3701	99	-0.4069	163	0.4861
50	0.3441	100	-0.4189	164	0.0051
51	0.3141	101	-0.3719	165	0.2261

ORF	CP	ORF	CP	ORF	CP
166	0.4921	217	-0.2779	268	-0.1479
167	0.4721	218	-0.2169	269	-0.1159
168	0.4251	219	0.1191	270	-0.0829
169	0.2871	220	0.2131	271	-0.2679
170	0.4251	221	0.0071	272	-0.2619
171	0.3421	222	0.0551	273	-0.0549
172	0.1321	223	0.4121	274	-0.0619
173	0.3061	224	0.4251	275	0.2941
174	0.1431	225	0.4631	276	0.4671
175	-0.0459	226	0.3571	277	0.4391
176	-0.3109	227	-0.6959	278	0.1181
177	0.0281	228	-0.6479	279	0.2051
178	-0.0669	229	-0.5779	280	0.2541
179	0.0511	230	-0.4119	281	0.2661
180	-0.3859	231	-0.2469	282	0.2691
181	0.4581	232	-0.1529	283	0.2701
182	0.5951	233	0.1701	284	0.3001
183	0.5001	234	0.2451	285	0.2681
184	0.6891	235	0.1341	286	-0.3579
185	0.8641	236	0.1901	287	-0.1299
186	0.9801	237	0.3451	288	-0.0079
187	1.1561	238	0.3801	289	-0.0519
188	1.2311	239	0.5001	290	-0.1989
189	1.2961	240	0.4261	291	-0.2039
190	0.2491	241	-0.6489	292	0.0231
191	-0.3649	242	-0.5439	325	0.1411
192	-0.3709	244	-0.3249	326	0.1371
193	-0.3719	245	-0.1909	327	0.1311
194	-0.3789	246	0.0601	328	0.1331
195	-0.3609	247	0.2271	329	0.1361
196	-0.3689	248	0.2901	330	0.1361
197	-0.3719	249	0.2511	331	0.1371
198	-0.3739	250	0.1351	332	0.1331
199	-0.3759	251	-0.1629	333	0.1341
200	-0.3649	252	-0.2889	334	0.1371
201	-0.3639	253	0.4731	335	0.1361
202	-0.3679	254	0.3991	336	0.1351
203	-0.3689	255	-0.5179	337	0.1401
204	-0.3629	256	-0.3869	338	0.1341
205	0.2841	257	-0.2249	339	0.1331
206	0.2921	258	-0.0509	340	0.1341
207	0.3021	259	0.1171	341	0.1361
208	0.3041	260	0.2091	350	0.1201
210	0.5081	261	0.2891	351	0.1191
211	0.4371	262	0.2921	352	0.1201
212	0.3151	263	0.0621	353	0.1211
213	-0.5749	264	-0.0019	354	0.1191
214	-0.5089	265	-0.1559	355	0.1191
215	-0.4369	266	-0.1569		
216	-0.3049	267	-0.0139		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 831
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 772.
TUNNEL STAGNATION PRESSURE(PSF) = 1860.
TUNNEL STATIC PRESSURE(PSF) = 771.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 547.

SCANIVALUE	CP(REF)
147	1.0703
247	1.0683
347	1.0693
447	1.0703
547	1.0673
647	1.0663
747	1.0663

ORF	CP	ORF	CP	ORF	CP
1	0.5713	52	0.2983	102	-0.4087
2	0.3783	53	0.0643	103	-0.6817
3	0.3273	54	-0.0447	104	-0.6367
4	0.3403	55	0.6093	105	-0.5217
5	0.3473	56	0.5553	110	-0.1627
6	0.3573	57	0.5193	111	-0.1867
7	0.3743	58	0.4903	112	-0.1247
8	0.3773	59	0.4653	113	-0.1457
9	0.3803	60	0.4353	114	0.1333
10	0.3793	61	0.3963	115	0.1293
11	0.3743	62	0.3453	116	0.1293
12	0.3543	63	0.2673	117	0.1303
13	0.3253	64	-0.1067	118	0.1323
14	0.1753	65	-0.0627	119	0.1323
15	0.0703	66	0.6093	120	-0.1847
16	0.4693	67	0.5503	121	0.1263
17	0.4073	68	0.5033	122	0.1313
18	0.4063	69	0.4653	123	0.1323
19	0.3993	70	0.4263	124	-0.1117
20	0.3993	71	0.3863	125	-0.1307
21	0.4013	72	0.3263	126	-0.0867
22	0.4053	73	0.2193	127	-0.1127
23	0.4013	74	-0.0807	128	-0.0997
24	0.3903	75	0.5993	129	-0.2237
25	0.3793	76	0.5293	135	-0.0907
26	0.3593	77	0.4703	136	-0.0857
27	0.3153	78	0.4153	137	-0.0837
28	0.1873	79	0.3503	138	0.0093
29	0.0363	80	0.2733	139	0.0153
30	0.5153	81	0.1183	140	0.0183
32	0.4593	82	-0.1227	141	0.0973
33	0.4553	83	0.5303	142	0.0813
34	0.4423	84	0.4923	143	0.0883
35	0.4323	85	0.4093	145	-0.0857
36	0.4303	86	0.3213	147	0.0883
37	0.4153	87	0.2353	151	0.2433
38	0.3933	88	0.1073	152	0.0723
39	0.3703	89	-0.1747	153	-0.0557
40	0.3213	90	0.4873	154	-0.2337
41	0.2053	91	0.3043	155	0.4243
42	0.0093	92	0.1903	156	0.3653
43	0.5803	93	0.1103	157	0.1973
44	0.5303	94	0.0163	158	0.7083
45	0.5043	95	-0.2577	159	0.4803
46	0.4883	96	-0.3727	160	0.4563
47	0.4713	97	-0.2507	161	0.3473
48	0.4513	98	-0.4757	162	0.5983
49	0.4303	99	-0.5167	163	0.5353
50	0.3993	100	-0.5607	164	0.0123
51	0.3563	101	-0.4347	165	0.2623

ORF	CP	ORF	CP	ORF	CP
166	0.5063	217	-0.3507	268	-0.1827
167	0.5053	218	-0.2927	269	-0.1757
168	0.4653	219	0.1343	270	-0.0557
169	0.3133	220	0.2353	271	-0.3197
170	0.4763	221	0.0143	272	-0.3257
171	0.3593	222	0.0493	273	-0.0497
172	0.1423	223	0.4363	274	-0.0377
173	0.3013	224	0.4403	275	0.2163
174	0.1613	225	0.4233	276	0.6393
175	-0.0507	226	0.3143	277	0.6013
176	-0.3097	227	-0.7197	278	0.0653
177	0.0493	228	-0.6577	279	0.1963
178	-0.0587	229	-0.5847	280	0.2703
179	0.0593	230	-0.4167	281	0.3063
180	-0.3877	231	-0.3387	282	0.3513
181	0.5123	232	-0.1637	283	0.3573
182	0.6503	233	0.1653	284	0.3813
183	0.4613	234	0.2403	285	0.3363
184	0.6543	235	0.1323	286	-0.4257
185	0.8773	236	0.1893	287	-0.2147
186	1.1243	237	0.3463	288	0.0053
187	1.2763	238	0.3723	289	-0.0207
188	1.3523	239	0.4473	290	-0.2217
189	1.3643	240	0.3873	291	-0.2187
190	0.2003	241	-0.6867	292	0.0083
191	-0.3627	242	-0.5707	325	0.1423
192	-0.3747	244	-0.3247	326	0.1413
193	-0.3757	245	-0.0947	327	0.1423
194	-0.3877	246	0.0863	328	0.1443
195	-0.3597	247	0.2233	329	0.1423
196	-0.3797	248	0.2873	330	0.1423
197	-0.3777	249	0.2583	331	0.1413
198	-0.3757	250	0.1383	332	0.1423
199	-0.3767	251	-0.1527	333	0.1453
200	-0.3667	252	-0.2957	334	0.1413
201	-0.3667	253	0.5803	335	0.1413
202	-0.3727	254	0.4763	336	0.1413
203	-0.3727	255	-0.5847	337	0.1423
204	-0.3677	256	-0.4537	338	0.1393
205	0.2313	257	-0.2987	339	0.1413
206	0.2343	258	-0.0467	340	0.1443
207	0.2453	259	0.1383	341	0.1433
208	0.2523	260	0.2333	350	0.1303
210	0.5203	261	0.3233	351	0.1223
211	0.3593	262	0.3423	352	0.1263
212	0.2693	263	0.0893	353	0.1283
213	-0.5877	264	0.0003	354	0.1263
214	-0.4977	265	-0.1957	355	0.1273
215	-0.3887	266	-0.1937		
216	-0.3137	267	0.0163		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 832
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 774.
TUNNEL STAGNATION PRESSURE(PSF) = 1863.
TUNNEL STATIC PRESSURE(PSF) = 771.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 547.

SCANIVALUE	CP(REF)
147	1.0699
247	1.0689
347	1.0689
447	1.0689
547	1.0679
647	1.0669
747	1.0679

ORF	CP	ORF	CP	ORF	CP
1	0.6989	52	0.3399	102	-0.4861
2	0.3729	53	0.0909	103	-0.7821
3	0.4079	54	0.0299	104	-0.7351
4	0.4529	55	0.7029	105	-0.5631
5	0.4699	56	0.6489	110	-0.1861
6	0.4659	57	0.6089	111	-0.2131
7	0.4699	58	0.5689	112	-0.1671
8	0.4649	59	0.5329	113	-0.1911
9	0.4609	60	0.4959	114	0.1219
10	0.4409	61	0.4499	115	0.1219
11	0.4379	62	0.3909	116	0.1259
12	0.4239	63	0.3009	117	0.1219
13	0.3999	64	-0.0731	118	0.1169
14	0.2379	65	0.0169	119	0.1199
15	0.1249	66	0.6869	120	-0.1831
16	0.6079	67	0.6309	121	0.1169
17	0.5709	68	0.5829	122	0.1219
18	0.5509	69	0.5399	123	0.1219
19	0.5259	70	0.4909	124	-0.1541
20	0.5079	71	0.4379	125	-0.1831
21	0.4989	72	0.3669	126	-0.1461
22	0.4879	73	0.2499	127	-0.1621
23	0.4749	74	0.0179	128	-0.1311
24	0.4619	75	0.6659	129	-0.2351
25	0.4469	76	0.5999	135	-0.1481
26	0.4209	77	0.5379	136	-0.1421
27	0.3839	78	0.4789	137	-0.1351
28	0.2389	79	0.4109	138	-0.0141
29	0.0819	80	0.3199	139	-0.0211
30	0.6709	81	0.1439	140	-0.0131
32	0.5949	82	-0.0061	141	0.1129
33	0.5609	83	0.5949	142	0.0889
34	0.5339	84	0.5589	143	0.1049
35	0.5209	85	0.4799	145	-0.1471
36	0.4989	86	0.3879	147	0.0869
37	0.4849	87	0.2839	151	0.3009
38	0.4549	88	0.1389	152	0.1239
39	0.4269	89	-0.0541	153	-0.0031
40	0.3759	90	0.5499	154	-0.1851
41	0.2519	91	0.3749	155	0.4179
42	0.0579	92	0.2499	156	0.4849
43	0.7039	93	0.1549	157	0.2859
44	0.6489	94	0.0479	158	0.8229
45	0.6099	95	-0.1251	159	0.5699
46	0.5819	96	-0.5411	160	0.5349
47	0.5529	97	-0.3561	161	0.4129
48	0.5229	98	-0.7561	162	0.6959
49	0.4939	99	-0.6881	163	0.5969
50	0.4599	100	-0.5091	164	-0.0201
51	0.4129	101	-0.4971	165	0.3039

ORF	CP	ORF	CP	ORF	CP
166	0.5729	217	-0.3421	268	-0.1951
167	0.5489	218	-0.3261	269	-0.2271
168	0.4889	219	0.0929	270	-0.0331
169	0.3219	220	0.2549	271	-0.3701
170	0.5529	221	0.0789	272	-0.3661
171	0.3699	222	0.0599	273	-0.0801
172	0.1549	223	0.4639	274	-0.0211
173	0.2879	224	0.4869	275	0.1599
174	0.1779	225	0.3309	276	0.8459
175	-0.0771	226	0.2389	277	0.7229
176	-0.2811	227	-0.6951	278	-0.1701
177	0.0999	228	-0.6161	279	-0.0421
178	-0.0331	229	-0.5321	280	0.1449
179	0.0329	230	-0.4111	281	0.3969
180	-0.3991	231	-0.3801	282	0.4819
181	0.6489	232	-0.2151	283	0.4629
182	0.7949	233	0.1429	284	0.4709
183	0.5009	234	0.2429	285	0.3999
184	0.7259	235	0.1419	286	-0.4921
185	1.0179	236	0.2159	287	-0.2651
186	1.2519	237	0.3849	288	0.0039
187	1.3319	238	0.3979	289	-0.0141
188	1.3589	239	0.3509	290	-0.2581
189	1.3509	240	0.3009	291	-0.1051
190	0.1089	241	-0.6161	292	-0.0641
191	-0.3531	242	-0.4921	325	0.1239
192	-0.3691	244	-0.2011	326	0.1269
193	-0.3691	245	-0.0161	327	0.1299
194	-0.3791	246	0.0969	328	0.1319
195	-0.3301	247	0.2049	329	0.1299
196	-0.3931	248	0.2619	330	0.1329
197	-0.3801	249	0.2419	331	0.1309
198	-0.3841	250	0.1389	332	0.1329
199	-0.3881	251	-0.0911	333	0.1299
200	-0.3461	252	-0.2811	334	0.1299
201	-0.3651	253	0.6239	335	0.1329
202	-0.3761	254	0.4829	336	0.1299
203	-0.3711	255	-0.3431	337	0.1229
204	-0.3611	256	-0.2351	338	0.1269
205	0.1169	257	-0.1551	339	0.1319
206	0.1099	258	0.0069	340	0.1319
207	0.1459	259	0.1699	341	0.1309
208	0.1499	260	0.2349	350	0.1199
210	0.5189	261	0.3229	351	0.1229
211	0.1789	262	0.3629	352	0.1239
212	0.1259	263	0.1229	353	0.1249
213	-0.5751	264	0.0259	354	0.1189
214	-0.4481	265	-0.1881	355	0.1209
215	-0.3721	266	-0.2381		
216	-0.2631	267	0.0769		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 834
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 773.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 770.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 14.17
FIN ANGLE(DEG) = -0.16
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	1.0699
247	1.0689
347	1.0689
447	1.0699
547	1.0729
647	1.0729
747	1.0729

ORF	CP	ORF	CP	ORF	CP
1	0.7379	52	0.3649	102	-0.5371
2	0.3659	53	0.1089	103	-0.7691
3	0.4409	54	0.0429	104	-0.6991
4	0.5039	55	0.7339	105	-0.5741
5	0.5169	56	0.6809	110	-0.2031
6	0.4919	57	0.6389	111	-0.2301
7	0.4799	58	0.5999	112	-0.1901
8	0.4769	59	0.5619	113	-0.2251
9	0.4559	60	0.5239	114	0.1069
10	0.4499	61	0.4759	115	0.1139
11	0.4409	62	0.4159	116	0.1129
12	0.4219	63	0.3229	117	0.1129
13	0.4039	64	-0.0531	118	0.1119
14	0.2499	65	0.0669	119	0.1109
15	0.1469	66	0.7139	120	-0.1711
16	0.6809	67	0.6609	121	0.1069
17	0.6359	68	0.6119	122	0.1159
18	0.5989	69	0.5679	123	0.1079
19	0.5759	70	0.5179	124	-0.1801
20	0.5469	71	0.4649	125	-0.1991
21	0.5229	72	0.3909	126	-0.1721
22	0.4999	73	0.2669	127	-0.1861
23	0.4809	74	0.0959	128	-0.1641
24	0.4659	75	0.6879	129	-0.2411
25	0.4539	76	0.6279	135	-0.1601
26	0.4319	77	0.5689	136	-0.1681
27	0.3929	78	0.5099	137	-0.1621
28	0.2579	79	0.4379	138	-0.0231
29	0.0979	80	0.3419	139	-0.0241
30	0.7329	81	0.1629	140	-0.0151
32	0.6389	82	0.1009	141	0.1259
33	0.6019	83	0.6189	142	0.0859
34	0.5689	84	0.5869	143	0.1059
35	0.5429	85	0.5089	145	-0.1631
36	0.5239	86	0.4149	147	0.0869
37	0.4999	87	0.3099	151	0.3329
38	0.4749	88	0.1589	152	0.1409
39	0.4489	89	0.0409	153	0.0369
40	0.3969	90	0.5759	154	-0.1691
41	0.2749	91	0.4089	155	0.3709
42	0.0559	92	0.2869	156	0.5069
43	0.7369	93	0.1829	157	0.3049
44	0.6819	94	0.0659	158	0.8769
45	0.6419	95	-0.0741	159	0.5929
46	0.6119	96	-0.5601	160	0.5439
47	0.5809	97	-0.5061	161	0.4219
48	0.5499	98	-0.8421	162	0.7249
49	0.5199	99	-0.7021	163	0.6029
50	0.4829	100	-0.6171	164	-0.0281
51	0.4329	101	-0.5451	165	0.3069

ORF	CP	ORF	CP	ORF	CP
166	0.5889	217	-0.3381	268	-0.1851
167	0.5619	218	-0.3411	269	-0.2241
168	0.4859	219	-0.0961	270	-0.0551
169	0.3059	220	0.2659	271	-0.4041
170	0.5959	221	0.0889	272	-0.3781
171	0.3899	222	0.0929	273	-0.0711
172	0.1529	223	0.4699	274	-0.0141
173	0.3349	224	0.4909	275	0.1269
174	0.1989	225	0.3299	276	0.9319
175	-0.0361	226	0.2459	277	0.7829
176	-0.2881	227	-0.6981	278	-0.1831
177	0.1209	228	-0.6261	279	-0.0871
178	-0.0171	229	-0.5571	280	0.0659
179	0.0149	230	-0.4601	281	0.4329
180	-0.4011	231	-0.4311	282	0.5239
181	0.6959	232	-0.3111	283	0.4829
182	0.8419	233	0.0799	284	0.4749
183	0.5699	234	0.2679	285	0.4169
184	0.8059	235	0.1369	286	-0.5461
185	1.1189	236	0.2399	287	-0.3151
186	1.3129	237	0.4409	288	0.0119
187	1.3359	238	0.4659	289	-0.0041
188	1.3309	239	0.2729	290	-0.2641
189	1.2849	240	0.2219	291	-0.1201
190	0.0699	241	-0.4911	292	-0.1941
191	-0.3501	242	-0.3781	325	0.1129
192	-0.3711	244	-0.1491	326	0.1179
193	-0.3731	245	0.0119	327	0.1219
194	-0.3861	246	0.1259	328	0.1189
195	-0.3141	247	0.2349	329	0.1209
196	-0.3961	248	0.2949	330	0.1249
197	-0.3831	249	0.2629	331	0.1189
198	-0.3901	250	0.1249	332	0.1219
199	-0.3901	251	-0.0951	333	0.1199
200	-0.3391	252	-0.2891	334	0.1229
201	-0.3681	253	0.5069	335	0.1259
202	-0.3861	254	0.3829	336	0.1149
203	-0.3781	255	-0.2191	337	0.1149
204	-0.3631	256	-0.1101	338	0.1199
205	0.1109	257	-0.0361	339	0.1219
206	0.1019	258	0.1149	340	0.1209
207	0.1259	259	0.2159	341	0.1219
208	0.1289	260	0.2519	350	0.1109
210	0.5419	261	0.2969	351	0.1139
211	0.0669	262	0.3359	352	0.1169
212	0.0689	263	0.1049	353	0.1179
213	-0.6031	264	0.0039	354	0.1139
214	-0.4941	265	-0.1951	355	0.1129
215	-0.4261	266	-0.2411		
216	-0.2881	267	0.0789		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 835
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 52.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.218
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1863.
TUNNEL STATIC PRESSURE(PSF) = 750.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = 0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	1.0872
247	1.0862
347	1.0872
447	1.0882
547	1.0882
647	1.0882
747	1.0862

ORF	CP	ORF	CP	ORF	CP
1	0.3092	52	0.1792	102	-0.3248
2	-0.0668	53	-0.0048	103	-0.5448
3	-0.3858	54	-0.1488	104	-0.5198
4	-0.2938	55	0.0602	105	-0.4508
5	-0.1018	56	0.2032	110	-0.1338
6	0.0472	57	0.2202	111	-0.1418
7	0.1012	58	0.2092	112	-0.1178
8	0.1252	59	0.2272	113	-0.1378
9	0.1442	60	0.2732	114	0.1512
10	0.1582	61	0.2502	115	0.1522
11	0.1622	62	0.2202	116	0.1512
12	0.1602	63	0.1742	117	0.1532
13	0.1452	64	-0.1388	118	0.1552
14	0.0322	65	-0.1448	119	0.1562
15	-0.0778	66	0.2492	120	-0.1548
16	0.0272	67	0.2982	121	0.1452
17	-0.1728	68	0.2812	122	0.1512
18	-0.2838	69	0.2782	123	0.1512
19	-0.1268	70	0.2822	124	-0.0908
20	0.0722	71	0.2502	125	-0.0998
21	0.1392	72	0.2212	126	-0.0618
22	0.1502	73	0.1562	127	-0.0828
23	0.1502	74	-0.1578	128	-0.0518
24	0.1642	75	0.3362	129	-0.1818
25	0.1662	76	0.3162	135	-0.0518
26	0.1642	77	0.2982	136	-0.0448
27	0.1672	78	0.2752	137	-0.0498
28	0.0542	79	0.2442	138	0.0102
29	-0.0928	80	0.1812	139	0.0132
30	-0.0368	81	0.0922	140	0.0142
32	-0.1538	82	-0.1748	141	0.0722
33	0.0892	83	0.3062	142	0.0812
34	0.1582	84	0.3092	143	0.0992
35	0.1672	85	0.2702	145	-0.0538
36	0.1672	86	0.2052	147	0.0742
37	0.1782	87	0.1762	151	0.1402
38	0.1802	88	0.1132	152	-0.0358
39	0.1982	89	-0.1838	153	-0.1558
40	0.1802	90	0.2782	154	-0.3028
41	0.0892	91	0.2082	155	0.3172
42	-0.1328	92	0.1942	156	0.2772
43	-0.0398	93	0.1612	157	0.1172
44	-0.0548	94	0.1172	158	0.5742
45	0.1172	95	-0.1898	159	0.4222
46	0.1922	96	-0.3798	160	0.3562
47	0.1912	97	-0.1528	161	0.2472
48	0.1892	98	0.1932	162	0.4862
49	0.1882	99	0.2902	163	0.4472
50	0.1912	100	0.0962	164	0.0072
51	0.2242	101	-0.3698	165	0.1722

ORF	CP	ORF	CP	ORF	CP
166	0.5122	217	-0.0758	268	-0.1838
167	0.4162	218	0.0472	269	-0.0838
168	0.3792	219	0.1182	270	-0.0288
169	0.2582	220	0.1572	271	-0.3068
170	0.2822	221	-0.0358	272	-0.3098
171	0.2712	222	-0.0618	273	0.0102
172	0.0782	223	0.2412	274	0.0162
173	0.1582	224	0.3832	275	0.4542
174	0.0152	225	0.4182	276	0.5122
175	-0.1778	226	0.3082	277	0.4042
176	-0.3758	227	-0.4728	278	-0.5698
177	-0.0398	228	-0.4508	279	-0.5168
178	-0.1538	229	-0.3378	280	-0.4308
179	-0.1438	230	-0.1408	281	-0.2778
180	-0.3668	231	0.0702	282	0.0442
181	0.4412	232	0.1282	283	0.1302
182	0.5682	233	0.1772	284	0.2012
183	0.5842	234	0.1992	285	0.1882
184	0.8032	235	0.0722	286	-0.3688
185	0.8932	236	0.0902	287	-0.1228
186	0.9052	237	0.2822	288	0.0832
187	0.9572	238	0.2722	289	0.0362
188	1.0792	239	0.3712	290	-0.1718
189	1.0542	240	0.2862	291	-0.4738
190	0.4152	241	-0.2928	292	0.2022
191	-0.3528	242	-0.2778	325	0.1322
192	-0.3588	244	-0.0228	326	0.1282
193	-0.3588	245	0.0932	327	0.1362
194	-0.3618	246	0.1292	328	0.1322
195	-0.3548	247	0.1732	329	0.1292
196	-0.3638	248	0.1942	330	0.1222
197	-0.3628	249	0.1502	331	0.1292
198	-0.3628	250	0.1712	332	0.1372
199	-0.3658	251	-0.1988	333	0.1312
200	-0.3608	252	-0.2908	334	0.1292
201	-0.3598	253	0.3922	335	0.1252
202	-0.3548	254	0.2872	336	0.1292
203	-0.3578	255	-0.6968	337	0.1312
204	-0.3598	256	-0.6318	338	0.1302
205	0.3522	257	-0.5628	339	0.1332
206	0.3872	258	-0.3048	340	0.1312
207	0.3832	259	-0.0098	341	0.1292
208	0.3682	260	0.0472	350	0.1552
210	0.4322	261	0.1232	351	0.1552
211	0.4682	262	0.1722	352	0.1562
212	0.3712	263	-0.0068	353	0.1572
213	-0.5178	264	-0.0608	354	0.1592
214	-0.4488	265	-0.1708	355	0.1582
215	-0.3688	266	-0.1308		
216	-0.2718	267	-0.0538		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 873
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 737.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 875.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -14.18
FIN ANGLE(DEG) = -0.20
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9798
247	0.9808
347	0.9798
447	0.9798
547	0.9808
647	0.9808
747	0.9798

ORF	CP	ORF	CP	ORF	CP
1	-0.5342	52	-0.7842	102	-0.5962
2	-0.6792	53	-0.7592	103	-0.8172
3	-0.6552	54	-0.6722	104	-0.7642
4	-0.6922	55	-0.8772	105	-0.6102
5	-0.6802	56	-0.8782	110	-0.1532
6	-0.6652	57	-0.8562	111	-0.1732
7	-0.6462	58	-0.8352	112	-0.1512
8	-0.6122	59	-0.8052	113	-0.2112
9	-0.5792	60	-0.7832	114	0.0718
10	-0.5202	61	-0.7652	115	0.0738
11	-0.4442	62	-0.7432	116	0.0748
12	-0.2922	63	-0.7272	117	0.0728
13	-0.1562	64	-0.7282	118	0.0748
14	-0.2082	65	-0.7272	119	0.0738
15	-0.2982	66	-0.8292	120	-0.2032
16	-0.7922	67	-0.8252	121	0.0718
17	-0.8962	68	-0.8092	122	0.0718
18	-0.9392	69	-0.7972	123	0.0718
19	-0.9192	70	-0.7882	124	-0.1702
20	-0.8752	71	-0.7712	125	-0.1912
21	-0.8432	72	-0.7522	126	-0.1662
22	-0.8272	73	-0.7362	127	-0.1862
23	-0.8012	74	-0.7032	128	-0.1642
24	-0.7502	75	-0.7702	129	-0.2592
25	-0.6612	76	-0.7612	135	-0.1772
26	-0.4952	77	-0.7502	136	-0.1802
27	-0.2822	78	-0.7342	137	-0.1682
28	-0.2312	79	-0.7192	138	0.0068
29	-0.2662	80	-0.7062	139	-0.0082
30	-0.9602	81	-0.6922	140	-0.0102
32	-0.9322	82	-0.6822	141	0.1278
33	-0.9092	83	-0.6062	142	0.1108
34	-0.8702	84	-0.7142	143	0.1238
35	-0.8342	85	-0.7062	145	-0.1792
36	-0.7812	86	-0.6922	147	0.1098
37	-0.7272	87	-0.6802	151	0.0228
38	-0.6592	88	-0.6692	152	-0.1902
39	-0.5412	89	-0.6562	153	-0.2482
40	-0.4522	90	-0.6752	154	-0.2812
41	-0.4332	91	-0.6712	155	-0.0762
42	-0.5162	92	-0.6652	156	-0.0942
43	-0.9892	93	-0.6542	157	-0.2042
44	-0.9732	94	-0.6442	158	0.1208
45	-0.9602	95	-0.6342	159	-0.0202
46	-0.9432	96	0.3988	160	-0.0802
47	-0.9262	97	-0.1712	161	-0.1772
48	-0.8982	98	0.5548	162	0.1108
49	-0.8532	99	0.4728	163	0.0178
50	-0.8162	100	-0.0852	164	-0.0122
51	-0.7972	101	-0.6072	165	-0.1802

ORF	CP	ORF	CP	ORF	CP
166	0.1768	217	-0.0142	268	-0.5092
167	0.0378	218	-0.0092	269	-0.1812
168	0.0048	219	-0.0342	270	-0.0982
169	-0.0942	220	-0.0702	271	-0.5322
170	-0.0032	221	-0.3152	272	-0.3912
171	-0.0462	222	-0.2602	273	-0.0442
172	-0.1992	223	0.0228	274	-0.0512
173	-0.0442	224	0.1028	275	0.2478
174	-0.1922	225	0.1788	276	-0.1592
175	-0.3302	226	0.0658	277	-0.1852
176	-0.4332	227	-0.4132	278	-0.9212
177	-0.2532	228	-0.3942	279	-0.8882
178	-0.2582	229	-0.3412	280	-0.8092
179	-0.2152	230	-0.1962	281	-0.7462
180	-0.3652	231	-0.0732	282	-0.6282
181	0.1768	232	-0.0632	283	-0.6432
182	0.3078	233	-0.0752	284	-0.5592
183	0.2358	234	-0.0802	285	-0.2012
184	0.3728	235	-0.1922	286	-0.5982
185	0.4148	236	-0.1352	287	-0.2962
186	0.4498	237	0.0158	288	-0.0252
187	0.4978	238	0.0528	289	-0.0462
188	0.5548	239	0.1708	290	-0.2922
189	0.5438	240	0.0998	291	-0.7462
190	0.6858	241	-0.8072	292	0.2708
191	-0.3682	242	-0.7012	325	0.0888
192	-0.3582	244	-0.4082	326	0.0848
193	-0.3572	245	-0.2612	327	0.0898
194	-0.3612	246	-0.2302	328	0.0898
195	-0.3852	247	-0.2092	329	0.0908
196	-0.3912	248	-0.1172	330	0.0868
197	-0.3672	249	-0.1072	331	0.0878
198	-0.3672	250	0.0958	332	0.0908
199	-0.3662	251	-0.3992	333	0.0928
200	-0.3812	252	-0.4452	334	0.0928
201	-0.3682	253	0.2508	335	0.0878
202	-0.3702	254	0.1608	336	0.0868
203	-0.3692	255	-0.9052	337	0.0888
204	-0.3702	256	-0.8392	338	0.0858
205	0.0688	257	-0.7872	339	0.0898
206	0.2548	258	-0.6882	340	0.0888
207	0.1178	259	-0.6542	341	0.0928
208	0.1578	260	-0.6332	350	0.0748
210	0.2188	261	-0.4492	351	0.0728
211	0.1568	262	-0.1892	352	0.0768
212	0.0748	263	-0.3002	353	0.0758
213	-0.3472	264	-0.3182	354	0.0768
214	-0.2672	265	-0.3592	355	0.0778
215	-0.1782	266	-0.1992		
216	-0.0652	267	-0.3582		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 874
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 740.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 869.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = -0.36
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9857
247	0.9857
347	0.9847
447	0.9857
547	0.9947
647	0.9947
747	0.9947

ORF	CP	ORF	CP	ORF	CP
1	-0.4363	52	-0.4803	102	-0.5203
2	-0.6563	53	-0.4503	103	-0.8333
3	-0.6193	54	-0.4403	104	-0.8023
4	-0.6333	55	-0.9403	105	-0.6043
5	-0.6243	56	-0.9403	110	-0.1323
6	-0.5973	57	-0.9273	111	-0.1493
7	-0.5463	58	-0.8953	112	-0.1293
8	-0.4853	59	-0.8503	113	-0.1753
9	-0.4213	60	-0.8093	114	0.1007
10	-0.3273	61	-0.7713	115	0.1027
11	-0.2133	62	-0.7483	116	0.1017
12	-0.1113	63	-0.7363	117	0.0997
13	-0.0603	64	-0.7573	118	0.0967
14	-0.1633	65	-0.7873	119	0.0997
15	-0.2803	66	-0.8773	120	-0.1553
16	-0.7143	67	-0.8763	121	0.0957
17	-0.8033	68	-0.8903	122	0.0997
18	-0.8163	69	-0.8943	123	0.0997
19	-0.7863	70	-0.8823	124	-0.1263
20	-0.7663	71	-0.8673	125	-0.1533
21	-0.7363	72	-0.8533	126	-0.1293
22	-0.6993	73	-0.8493	127	-0.1353
23	-0.6393	74	-0.7353	128	-0.1173
24	-0.5373	75	-0.7843	129	-0.2123
25	-0.4113	76	-0.7773	135	-0.1303
26	-0.2263	77	-0.7733	136	-0.1283
27	-0.1153	78	-0.7563	137	-0.1213
28	-0.1423	79	-0.7323	138	0.0317
29	-0.2873	80	-0.7043	139	0.0117
30	-0.8953	81	-0.6683	140	0.0177
32	-0.8423	82	-0.6403	141	0.1497
33	-0.7983	83	-0.5973	142	0.1417
34	-0.7363	84	-0.7133	143	0.1477
35	-0.6733	85	-0.6873	145	-0.1253
36	-0.6083	86	-0.6643	147	0.1437
37	-0.5253	87	-0.6423	151	0.0247
38	-0.4323	88	-0.6213	152	-0.1803
39	-0.3473	89	-0.5943	153	-0.2433
40	-0.2963	90	-0.6563	154	-0.2923
41	-0.3223	91	-0.6393	155	-0.0553
42	-0.3903	92	-0.6223	156	-0.0213
43	-0.9473	93	-0.6093	157	-0.0037
44	-0.9483	94	-0.5843	158	0.1227
45	-0.9273	95	-0.5703	159	-0.0163
46	-0.8963	96	0.3457	160	-0.0363
47	-0.8513	97	-0.1763	161	-0.1013
48	-0.7923	98	0.5237	162	0.1467
49	-0.7203	99	0.4417	163	0.0367
50	-0.6353	100	-0.0923	164	0.0067
51	-0.5533	101	-0.5463	165	-0.1503

ORF	CP	ORF	CP	ORF	CP
166	0.2307	217	0.0057	268	-0.4393
167	0.0867	218	0.0197	269	-0.1633
168	0.0467	219	0.0137	270	-0.1123
169	-0.0483	220	-0.0193	271	-0.4893
170	0.0527	221	-0.2783	272	-0.3893
171	-0.0263	222	-0.2223	273	-0.0533
172	-0.1903	223	0.0557	274	-0.0603
173	-0.0493	224	0.1477	275	0.3057
174	-0.1823	225	0.2117	276	-0.0053
175	-0.3453	226	0.0997	277	-0.0543
176	-0.4193	227	-0.4043	278	-0.8813
177	-0.2263	228	-0.3763	279	-0.8233
178	-0.2423	229	-0.3313	280	-0.7313
179	-0.1803	230	-0.1953	281	-0.6233
180	-0.3513	231	-0.0493	282	-0.5383
181	0.1517	232	-0.0263	283	-0.5493
182	0.2827	233	-0.0213	284	-0.3523
183	0.2637	234	-0.0293	285	-0.0723
184	0.4147	235	-0.1473	286	-0.5293
185	0.4557	236	-0.1063	287	-0.3403
186	0.4827	237	0.0477	288	-0.0293
187	0.5317	238	0.0737	289	-0.0383
188	0.5837	239	0.2247	290	-0.2803
189	0.6157	240	0.1507	291	-0.7083
190	0.6507	241	-0.7293	292	0.2897
191	-0.3593	242	-0.6393	325	0.0957
192	-0.3513	244	-0.3333	326	0.0997
193	-0.3493	245	-0.2043	327	0.0977
194	-0.3513	246	-0.1673	328	0.1017
195	-0.3703	247	-0.1323	329	0.0977
196	-0.3773	248	-0.0453	330	0.0947
197	-0.3573	249	-0.0673	331	0.1007
198	-0.3553	250	0.1117	332	0.0977
199	-0.3553	251	-0.3823	333	0.1027
200	-0.3683	252	-0.4263	334	0.1007
201	-0.3543	253	0.2657	335	0.0967
202	-0.3563	254	0.1677	336	0.0977
203	-0.3563	255	-0.8823	337	0.0967
204	-0.3573	256	-0.8033	338	0.1017
205	0.2027	257	-0.7243	339	0.0977
206	0.3227	258	-0.5753	340	0.1037
207	0.2277	259	-0.5303	341	0.0977
208	0.2437	260	-0.4623	350	0.0957
210	0.2817	261	-0.3043	351	0.1007
211	0.1847	262	-0.0753	352	0.1017
212	0.0957	263	-0.2943	353	0.1047
213	-0.3583	264	-0.3073	354	0.1007
214	-0.2813	265	-0.3063	355	0.0997
215	-0.2203	266	-0.2023		
216	-0.0803	267	-0.3413		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 875
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.101
TUNNEL DYNAMIC PRESSURE(PSF) = 737.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 868.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = -8.11
FIN ANGLE(DEG) = -0.35
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9893
247	0.9883
347	0.9893
447	0.9893
547	0.9963
647	0.9963
747	0.9953

ORF	CP	ORF	CP	ORF	CP
1	-0.2597	52	-0.0837	102	-0.4687
2	-0.5267	53	-0.2437	103	-0.7467
3	-0.4767	54	-0.3067	104	-0.7017
4	-0.4257	55	-0.5947	105	-0.5957
5	-0.3067	56	-0.6137	110	-0.1497
6	-0.1467	57	-0.6057	111	-0.1637
7	-0.0787	58	-0.5897	112	-0.1367
8	-0.0237	59	-0.5677	113	-0.1577
9	0.0023	60	-0.5347	114	0.1063
10	0.0193	61	-0.4567	115	0.1053
11	0.0243	62	-0.3177	116	0.1043
12	0.0313	63	-0.1867	117	0.1053
13	0.0223	64	-0.3107	118	0.1053
14	-0.1177	65	-0.3077	119	0.1063
15	-0.2407	66	-0.5447	120	-0.1607
16	-0.5347	67	-0.5577	121	0.1033
17	-0.5487	68	-0.5717	122	0.1073
18	-0.5077	69	-0.5817	123	0.1073
19	-0.4147	70	-0.5847	124	-0.1027
20	-0.3467	71	-0.5757	125	-0.1317
21	-0.2677	72	-0.5797	126	-0.0957
22	-0.1977	73	-0.5747	127	-0.1127
23	-0.1097	74	-0.6067	128	-0.0757
24	-0.0377	75	-0.5347	129	-0.1747
25	0.0023	76	-0.5497	135	-0.0817
26	0.0223	77	-0.5827	136	-0.0847
27	0.0013	78	-0.5997	137	-0.0737
28	-0.1127	79	-0.6027	138	0.0303
29	-0.2677	80	-0.6307	139	0.0163
30	-0.6897	81	-0.6407	140	0.0193
32	-0.5137	82	-0.6067	141	0.1313
33	-0.3927	83	-0.4647	142	0.1323
34	-0.2607	84	-0.5827	143	0.1373
35	-0.1977	85	-0.5967	145	-0.0787
36	-0.1217	86	-0.6147	147	0.1263
37	-0.0957	87	-0.6077	151	0.0723
38	-0.0647	88	-0.5977	152	-0.1497
39	-0.0507	89	-0.5667	153	-0.2357
40	-0.0657	90	-0.5677	154	-0.3057
41	-0.1587	91	-0.5567	155	0.0083
42	-0.2957	92	-0.5557	156	0.0103
43	-0.6877	93	-0.5787	157	-0.1277
44	-0.6557	94	-0.5847	158	0.1983
45	-0.6327	95	-0.5297	159	0.0713
46	-0.5687	96	0.2993	160	-0.0007
47	-0.4767	97	-0.1937	161	-0.1137
48	-0.3307	98	0.4623	162	0.2383
49	-0.1727	99	0.4013	163	0.1193
50	-0.0747	100	-0.1307	164	0.0123
51	-0.0527	101	-0.5167	165	-0.0987

ORF	CP	ORF	CP	ORF	CP
166	0.3323	217	0.0383	268	-0.3947
167	0.1713	218	0.1013	269	-0.1747
168	0.1503	219	0.1033	270	-0.1327
169	0.0283	220	0.0693	271	-0.4597
170	0.2123	221	-0.2247	272	-0.3807
171	0.0293	222	-0.1557	273	-0.0747
172	-0.1457	223	0.1433	274	-0.0767
173	-0.0157	224	0.2393	275	0.3233
174	-0.1407	225	0.2683	276	0.1613
175	-0.3537	226	0.1503	277	0.0603
176	-0.4187	227	-0.2637	278	-0.7777
177	-0.1737	228	-0.2657	279	-0.6707
178	-0.2317	229	-0.2567	280	-0.5667
179	-0.1667	230	-0.1687	281	-0.3917
180	-0.3397	231	-0.0097	282	-0.2377
181	0.2933	232	0.0533	283	-0.1257
182	0.4073	233	0.0733	284	0.0083
183	0.3563	234	0.0573	285	0.0283
184	0.4833	235	-0.0607	286	-0.4977
185	0.5093	236	-0.0427	287	-0.2547
186	0.5523	237	0.1113	288	-0.0347
187	0.5913	238	0.1153	289	-0.0627
188	0.6553	239	0.2843	290	-0.2787
189	0.6713	240	0.1923	291	-0.6977
190	0.5533	241	-0.4367	292	0.2783
191	-0.3417	242	-0.3807	325	0.1153
192	-0.3367	244	-0.1477	326	0.1133
193	-0.3387	245	-0.0437	327	0.1143
194	-0.3417	246	0.0003	328	0.1153
195	-0.3487	247	0.0293	329	0.1143
196	-0.3567	248	0.0513	330	0.1113
197	-0.3417	249	0.0053	331	0.1133
198	-0.3417	250	0.1233	332	0.1153
199	-0.3427	251	-0.3387	333	0.1133
200	-0.3527	252	-0.4077	334	0.1163
201	-0.3397	253	0.3003	335	0.1133
202	-0.3417	254	0.1903	336	0.1153
203	-0.3407	255	-0.8017	337	0.1163
204	-0.3427	256	-0.7067	338	0.1123
205	0.2903	257	-0.5557	339	0.1143
206	0.3543	258	-0.3117	340	0.1153
207	0.3253	259	-0.1797	341	0.1153
208	0.3463	260	-0.1067	350	0.1093
210	0.3873	261	-0.0187	351	0.1043
211	0.2293	262	0.0383	352	0.1033
212	0.1383	263	-0.1907	353	0.1043
213	-0.3187	264	-0.2467	354	0.1043
214	-0.2957	265	-0.2917	355	0.1043
215	-0.2507	266	-0.2257		
216	-0.0987	267	-0.2607		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 876
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 736.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 872.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -6.03
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9872
247	0.9852
347	0.9852
447	0.9872
547	0.9892
647	0.9892
747	0.9892

ORF	CP	ORF	CP	ORF	CP
1	-0.0878	52	-0.0528	102	-0.4078
2	-0.3048	53	-0.2348	103	-0.7378
3	-0.2918	54	-0.3158	104	-0.6898
4	-0.1748	55	-0.5318	105	-0.6058
5	-0.0868	56	-0.5178	110	-0.1558
6	-0.0648	57	-0.4448	111	-0.1698
7	-0.0398	58	-0.3538	112	-0.1388
8	-0.0138	59	-0.2328	113	-0.1498
9	0.0062	60	-0.0808	114	0.0952
10	0.0162	61	0.0092	115	0.0942
11	0.0242	62	-0.0018	116	0.0942
12	0.0152	63	-0.0608	117	0.0962
13	-0.0008	64	-0.3308	118	0.0982
14	-0.1318	65	-0.3248	119	0.0962
15	-0.2368	66	-0.4768	120	-0.1808
16	-0.3498	67	-0.4818	121	0.0922
17	-0.3298	68	-0.4908	122	0.0942
18	-0.2888	69	-0.4358	123	0.0942
19	-0.2318	70	-0.3748	124	-0.1148
20	-0.1508	71	-0.2938	125	-0.1278
21	-0.0968	72	-0.1698	126	-0.0988
22	-0.0628	73	-0.1298	127	-0.1168
23	-0.0268	74	-0.2928	128	-0.0728
24	-0.0008	75	-0.4298	129	-0.2008
25	0.0122	76	-0.4308	135	-0.0808
26	0.0052	77	-0.4358	136	-0.0768
27	-0.0318	78	-0.4308	137	-0.0718
28	-0.1428	79	-0.4268	138	0.0382
29	-0.2618	80	-0.4148	139	0.0242
30	-0.5178	81	-0.4018	140	0.0142
32	-0.2628	82	-0.4408	141	0.1182
33	-0.1908	83	-0.3318	142	0.1162
34	-0.1148	84	-0.4278	143	0.1152
35	-0.0548	85	-0.4378	145	-0.0808
36	-0.0208	86	-0.4418	147	0.1162
37	0.0012	87	-0.4258	151	0.0932
38	0.0012	88	-0.4408	152	-0.1358
39	-0.0128	89	-0.5058	153	-0.2358
40	-0.0468	90	-0.4348	154	-0.3278
41	-0.1428	91	-0.4248	155	0.0312
42	-0.2828	92	-0.4208	156	0.0582
43	-0.5178	93	-0.4228	157	-0.0988
44	-0.4708	94	-0.4498	158	0.2412
45	-0.3678	95	-0.5258	159	0.1152
46	-0.2428	96	0.2422	160	0.0462
47	-0.0878	97	-0.2098	161	-0.0818
48	-0.0278	98	0.4022	162	0.2622
49	0.0082	99	0.3582	163	0.1482
50	0.0252	100	-0.1248	164	0.0232
51	-0.0058	101	-0.4728	165	-0.0706

ORF	CP	ORF	CP	ORF	CP
166	0.3472	217	0.0242	268	-0.3198
167	0.1812	218	0.0902	269	-0.1778
168	0.1582	219	0.1142	270	-0.1628
169	0.0492	220	0.0832	271	-0.4138
170	0.2282	221	-0.1928	272	-0.2718
171	0.0722	222	-0.1318	273	-0.0918
172	-0.1088	223	0.1652	274	-0.1158
173	0.0192	224	0.2552	275	0.3782
174	-0.1158	225	0.2902	276	0.2522
175	-0.3118	226	0.1722	277	0.1372
176	-0.4198	227	-0.3238	278	-0.6668
177	-0.1468	228	-0.3348	279	-0.5748
178	-0.2128	229	-0.2888	280	-0.4718
179	-0.1578	230	-0.2078	281	-0.2908
180	-0.3398	231	-0.0298	282	-0.1638
181	0.3302	232	0.0482	283	-0.0708
182	0.4492	233	0.0892	284	0.0062
183	0.3942	234	0.0802	285	0.0032
184	0.5292	235	-0.0398	286	-0.4488
185	0.5772	236	-0.0168	287	-0.1608
186	0.6232	237	0.1352	288	-0.0648
187	0.6972	238	0.1562	289	-0.1128
188	0.7922	239	0.3752	290	-0.2858
189	0.8542	240	0.2722	291	-0.7658
190	0.4652	241	-0.6368	292	0.2232
191	-0.3438	242	-0.5708	325	0.1022
192	-0.3418	244	-0.2928	326	0.1072
193	-0.3428	245	-0.0908	327	0.1032
194	-0.3448	246	0.0002	328	0.1012
195	-0.3498	247	0.0522	329	0.1042
196	-0.3578	248	0.0702	330	0.0992
197	-0.3468	249	0.0382	331	0.1072
198	-0.3478	250	0.1042	332	0.1032
199	-0.3498	251	-0.3248	333	0.1022
200	-0.3508	252	-0.3828	334	0.1062
201	-0.3438	253	0.3142	335	0.1022
202	-0.3418	254	0.1952	336	0.0972
203	-0.3428	255	-0.7468	337	0.1032
204	-0.3428	256	-0.6758	338	0.1082
205	0.3362	257	-0.5218	339	0.1032
206	0.3822	258	-0.3298	340	0.1012
207	0.3732	259	-0.1618	341	0.1042
208	0.3812	260	-0.0808	350	0.0942
210	0.4252	261	0.0082	351	0.0972
211	0.2592	262	0.0372	352	0.0982
212	0.1642	263	-0.1638	353	0.0982
213	-0.3808	264	-0.2118	354	0.0902
214	-0.3488	265	-0.2588	355	0.0922
215	-0.2978	266	-0.2388		
216	-0.1698	267	-0.2358		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 877
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.095
TUNNEL DYNAMIC PRESSURE(PSF) = 734.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = 0.11
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9825
247	0.9815
347	0.9815
447	0.9825
547	0.9755
647	0.9755
747	0.9755

ORF	CP	ORF	CP	ORF	CP
1	0.1255	52	-0.0055	102	-0.3835
2	-0.2655	53	-0.1995	103	-0.7145
3	-0.4345	54	-0.3235	104	-0.6775
4	-0.2845	55	-0.4665	105	-0.5795
5	-0.1735	56	-0.3235	110	-0.1755
6	-0.0765	57	-0.0745	111	-0.1895
7	-0.0005	58	0.1395	112	-0.1525
8	0.0285	59	0.1395	113	-0.1665
9	0.0615	60	0.1105	114	0.0815
10	0.0725	61	0.0765	115	0.0835
11	0.0755	62	0.0415	116	0.0815
12	0.0675	63	-0.0045	117	0.0815
13	0.0365	64	-0.3455	118	0.0825
14	-0.0965	65	-0.3345	119	0.0835
15	-0.2145	66	-0.2755	120	-0.2095
16	-0.1925	67	-0.2855	121	0.0745
17	-0.2955	68	-0.2035	122	0.0815
18	-0.2355	69	-0.1165	123	0.0805
19	-0.1035	70	0.0055	124	-0.1095
20	-0.0495	71	0.0575	125	-0.1445
21	0.0155	72	0.0425	126	-0.1115
22	0.0465	73	-0.0145	127	-0.1245
23	0.0615	74	-0.3285	128	-0.0825
24	0.0765	75	-0.2965	129	-0.2305
25	0.0745	76	-0.2575	135	-0.0825
26	0.0495	77	-0.1865	136	-0.0795
27	0.0095	78	-0.1025	137	-0.0835
28	-0.1185	79	-0.0735	138	0.0285
29	-0.2455	80	-0.0815	139	0.0155
30	-0.3125	81	-0.1575	140	0.0085
32	-0.1715	82	-0.2865	141	0.1065
33	-0.0535	83	-0.2525	142	0.1035
34	0.0275	84	-0.2945	143	0.0995
35	0.0665	85	-0.2365	145	-0.0825
36	0.0965	86	-0.1535	147	0.1055
37	0.0915	87	-0.0795	151	0.0695
38	0.0715	88	-0.0975	152	-0.1335
39	0.0495	89	-0.2705	153	-0.2305
40	0.0025	90	-0.3135	154	-0.3685
41	-0.1075	91	-0.2955	155	0.1425
42	-0.2725	92	-0.2405	156	0.1145
43	-0.4815	93	-0.1695	157	-0.0655
44	-0.2735	94	-0.1585	158	0.2955
45	-0.0195	95	-0.2795	159	0.1535
46	0.0935	96	0.0835	160	0.0785
47	0.1385	97	-0.2445	161	-0.0445
48	0.1235	98	0.3275	162	0.2905
49	0.0925	99	0.3005	163	0.1715
50	0.0745	100	-0.1125	164	0.0175
51	0.0415	101	-0.4515	165	-0.0565

ORF	CP	ORF	CP	ORF	CP
166	0.3735	217	0.0355	268	-0.2945
167	0.1885	218	0.1115	269	-0.1655
168	0.1645	219	0.1205	270	-0.1465
169	0.0445	220	0.0965	271	-0.4005
170	0.2205	221	-0.1915	272	-0.2635
171	0.0695	222	-0.1375	273	-0.0775
172	-0.1155	223	0.1915	274	-0.1085
173	0.0485	224	0.2745	275	0.4355
174	-0.1045	225	0.3075	276	0.3425
175	-0.2905	226	0.1805	277	0.2075
176	-0.4255	227	-0.3465	278	-0.7965
177	-0.1375	228	-0.3595	279	-0.7305
178	-0.2275	229	-0.3155	280	-0.6315
179	-0.1665	230	-0.2265	281	-0.3925
180	-0.3505	231	-0.0185	282	-0.1555
181	0.3245	232	0.0605	283	-0.0435
182	0.4545	233	0.1025	284	0.0585
183	0.4115	234	0.0975	285	0.0465
184	0.5385	235	-0.0265	286	-0.4335
185	0.5675	236	-0.0095	287	-0.1445
186	0.5875	237	0.1425	288	-0.0555
187	0.6355	238	0.1725	289	-0.1185
188	0.7295	239	0.4275	290	-0.2795
189	0.7695	240	0.3345	291	-0.7305
190	0.4235	241	-0.8405	292	0.1525
191	-0.3485	242	-0.7525	325	0.0985
192	-0.3555	244	-0.3765	326	0.0975
193	-0.3545	245	-0.1055	327	0.0975
194	-0.3565	246	0.0295	328	0.0975
195	-0.3555	247	0.1035	329	0.0985
196	-0.3615	248	0.1205	330	0.0965
197	-0.3555	249	0.0655	331	0.0975
198	-0.3555	250	0.0965	332	0.0965
199	-0.3615	251	-0.3155	333	0.0985
200	-0.3565	252	-0.3835	334	0.0995
201	-0.3545	253	0.4075	335	0.0985
202	-0.3495	254	0.2665	336	0.0975
203	-0.3535	255	-0.8975	337	0.0985
204	-0.3565	256	-0.8315	338	0.0975
205	0.3725	257	-0.7635	339	0.0985
206	0.3985	258	-0.6115	340	0.0985
207	0.4025	259	-0.1815	341	0.0995
208	0.4095	260	-0.0155	350	0.0835
210	0.4275	261	0.0785	351	0.0845
211	0.2905	262	0.0955	352	0.0835
212	0.1815	263	-0.1405	353	0.0835
213	-0.4025	264	-0.1735	354	0.0825
214	-0.3555	265	-0.2355	355	0.0825
215	-0.3415	266	-0.2265		
216	-0.1855	267	-0.2215		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 878
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 736.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 872.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -1.95
FIN ANGLE(DEG) = 0.15
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9862
247	0.9852
347	0.9862
447	0.9872
547	0.9842
647	0.9832
747	0.9832

ORF	CP	ORF	CP	ORF	CP
1	0.2312	52	0.0552	102	-0.3748
2	-0.2018	53	-0.1548	103	-0.6878
3	-0.4598	54	-0.2948	104	-0.6638
4	-0.1638	55	0.0392	105	-0.5598
5	-0.0198	56	0.1512	110	-0.1778
6	0.0742	57	0.1802	111	-0.1928
7	0.1132	58	0.1702	112	-0.1498
8	0.1352	59	0.1582	113	-0.1718
9	0.1422	60	0.1472	114	0.0902
10	0.1482	61	0.1232	115	0.0902
11	0.1432	62	0.0922	116	0.0912
12	0.1282	63	0.0372	117	0.0932
13	0.1012	64	-0.3118	118	0.0902
14	-0.0468	65	-0.3088	119	0.0892
15	-0.1698	66	0.0442	120	-0.2078
16	-0.0898	67	0.1592	121	0.0802
17	-0.2828	68	0.1652	122	0.0882
18	-0.1398	69	0.1512	123	0.0902
19	0.0392	70	0.1302	124	-0.1118
20	0.1032	71	0.1042	125	-0.1368
21	0.1422	72	0.0672	126	-0.0898
22	0.1492	73	-0.0098	127	-0.1188
23	0.1502	74	-0.3138	128	-0.0768
24	0.1482	75	0.0332	129	-0.2328
25	0.1402	76	0.1502	135	-0.0768
26	0.1222	77	0.1372	136	-0.0668
27	0.0772	78	0.1132	137	-0.0718
28	-0.0608	79	0.0772	138	0.0342
29	-0.1968	80	0.0492	139	0.0312
30	-0.1688	81	-0.0598	140	0.0192
32	0.0742	82	-0.3118	141	0.1122
33	0.1592	83	0.0232	142	0.1132
34	0.1642	84	0.1142	143	0.1092
35	0.1632	85	0.0912	145	-0.0698
36	0.1592	86	0.0872	147	0.1092
37	0.1542	87	0.0572	151	0.0602
38	0.1412	88	-0.0258	152	-0.1138
39	0.1192	89	-0.3208	153	-0.2498
40	0.0732	90	-0.0288	154	-0.3918
41	-0.0418	91	0.1012	155	0.2892
42	-0.2278	92	0.0872	156	0.1592
43	0.0082	93	0.0512	157	-0.0208
44	0.1932	94	-0.0138	158	0.4322
45	0.1862	95	-0.3148	159	0.2502
46	0.1752	96	-0.0648	160	0.1782
47	0.1712	97	-0.2698	161	0.0572
48	0.1672	98	0.2732	162	0.3882
49	0.1502	99	0.2462	163	0.2622
50	0.1352	100	-0.0588	164	0.0222
51	0.1032	101	-0.4488	165	-0.0006

ORF	CP	ORF	CP	ORF	CP
166	0.4822	217	0.0362	268	-0.2868
167	0.2352	218	0.1242	269	-0.1418
168	0.2152	219	0.1482	270	-0.1118
169	0.0972	220	0.1302	271	-0.3928
170	0.3272	221	-0.1718	272	-0.3298
171	0.0982	222	-0.1548	273	-0.0538
172	-0.0988	223	0.2492	274	-0.0858
173	0.0292	224	0.3372	275	0.4852
174	-0.0838	225	0.3322	276	0.4532
175	-0.3468	226	0.1962	277	0.3032
176	-0.4218	227	-0.2878	278	-0.7888
177	-0.1348	228	-0.2888	279	-0.7258
178	-0.2468	229	-0.2548	280	-0.5878
179	-0.1258	230	-0.1848	281	-0.3898
180	-0.3528	231	0.0462	282	-0.0748
181	0.3322	232	0.1142	283	0.0782
182	0.4832	233	0.1372	284	0.1472
183	0.5052	234	0.1262	285	0.1152
184	0.6642	235	-0.0028	286	-0.4318
185	0.7092	236	0.0012	287	-0.1618
186	0.6862	237	0.1832	288	-0.0148
187	0.7102	238	0.1812	289	-0.0928
188	0.7402	239	0.3742	290	-0.2608
189	0.7782	240	0.2822	291	-0.5458
190	0.4382	241	-0.4818	292	0.1332
191	-0.3458	242	-0.4048	325	0.1072
192	-0.3508	244	-0.2258	326	0.1092
193	-0.3518	245	0.0002	327	0.1102
194	-0.3518	246	0.0912	328	0.1102
195	-0.3498	247	0.1382	329	0.1072
196	-0.3528	248	0.1452	330	0.1092
197	-0.3508	249	0.0922	331	0.1122
198	-0.3538	250	0.1112	332	0.1122
199	-0.3548	251	-0.2788	333	0.1122
200	-0.3538	252	-0.3678	334	0.1092
201	-0.3518	253	0.4542	335	0.1102
202	-0.3458	254	0.3292	336	0.1082
203	-0.3498	255	-0.8408	337	0.1072
204	-0.3498	256	-0.7688	338	0.1092
205	0.3752	257	-0.6668	339	0.1102
206	0.3972	258	-0.4558	340	0.1082
207	0.4082	259	-0.0508	341	0.1082
208	0.4112	260	0.0872	350	0.0882
210	0.4422	261	0.1502	351	0.0902
211	0.3992	262	0.1542	352	0.0892
212	0.2732	263	-0.0988	353	0.0902
213	-0.3888	264	-0.1428	354	0.0902
214	-0.3318	265	-0.2118	355	0.0922
215	-0.2898	266	-0.2008		
216	-0.1378	267	-0.1748		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 879
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.095
TUNNEL DYNAMIC PRESSURE(PSF) = 735.
TUNNEL STAGNATION PRESSURE(PSF) = 1859.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.11
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9812
247	0.9802
347	0.9812
447	0.9812
547	0.9752
647	0.9752
747	0.9752

ORF	CP	ORF	CP	ORF	CP
1	0.2532	52	0.0912	102	-0.4258
2	-0.1408	53	-0.1248	103	-0.6878
3	-0.2288	54	-0.2848	104	-0.6658
4	-0.0588	55	0.2752	105	-0.5698
5	0.0532	56	0.2552	110	-0.1738
6	0.1042	57	0.2432	111	-0.1938
7	0.1342	58	0.2262	112	-0.1448
8	0.1532	59	0.2142	113	-0.1688
9	0.1652	60	0.1912	114	0.0982
10	0.1612	61	0.1642	115	0.1022
11	0.1592	62	0.1322	116	0.1012
12	0.1482	63	0.0722	117	0.0972
13	0.1172	64	-0.2908	118	0.0962
14	-0.0218	65	-0.2908	119	0.0962
15	-0.1428	66	0.2782	120	-0.2008
16	-0.0208	67	0.2562	121	0.0942
17	-0.0448	68	0.2352	122	0.0982
18	0.0852	69	0.2102	123	0.0982
19	0.1212	70	0.1852	124	-0.0968
20	0.1512	71	0.1552	125	-0.1158
21	0.1682	72	0.1102	126	-0.0688
22	0.1782	73	0.0312	127	-0.0928
23	0.1782	74	-0.3088	128	-0.0668
24	0.1752	75	0.2742	129	-0.2308
25	0.1662	76	0.2422	135	-0.0648
26	0.1512	77	0.2062	136	-0.0618
27	0.1082	78	0.1732	137	-0.0668
28	-0.0238	79	0.1252	138	0.0302
29	-0.1728	80	0.0792	139	0.0342
30	0.0802	81	-0.0378	140	0.0302
32	0.1752	82	-0.3198	141	0.1182
33	0.1842	83	0.2362	142	0.1042
34	0.1932	84	0.2102	143	0.1142
35	0.1922	85	0.1482	145	-0.0638
36	0.1902	86	0.1162	147	0.1072
37	0.1862	87	0.0702	151	0.0422
38	0.1722	88	-0.0118	152	-0.1108
39	0.1462	89	-0.3328	153	-0.2808
40	0.1112	90	0.1542	154	-0.3918
41	0.0022	91	0.1362	155	0.3072
42	-0.2298	92	0.0962	156	0.1822
43	0.2402	93	0.0602	157	0.0082
44	0.2272	94	-0.0028	158	0.5262
45	0.2212	95	-0.3348	159	0.3092
46	0.2242	96	-0.1968	160	0.2542
47	0.2142	97	-0.2938	161	0.1322
48	0.2052	98	0.2212	162	0.4362
49	0.1872	99	0.1962	163	0.3252
50	0.1692	100	-0.0318	164	0.0362
51	0.1412	101	-0.4878	165	0.0482

ORF	CP	ORF	CP	ORF	CP
166	0.4952	217	-0.0018	268	-0.2988
167	0.3152	218	0.1252	269	-0.1888
168	0.2722	219	0.1542	270	-0.1358
169	0.1522	220	0.1462	271	-0.4218
170	0.3282	221	-0.1618	272	-0.4198
171	0.1762	222	-0.1688	273	-0.0858
172	-0.0378	223	0.2772	274	-0.0848
173	0.0822	224	0.3492	275	0.4692
174	-0.0698	225	0.4092	276	0.4502
175	-0.3038	226	0.2412	277	0.3312
176	-0.4658	227	-0.3568	278	-0.5258
177	-0.1538	228	-0.3468	279	-0.4718
178	-0.2678	229	-0.3198	280	-0.3738
179	-0.1468	230	-0.2368	281	-0.2368
180	-0.3608	231	0.0152	282	-0.0108
181	0.3792	232	0.1122	283	0.1062
182	0.5272	233	0.1472	284	0.1692
183	0.5382	234	0.1392	285	0.1292
184	0.7282	235	-0.0078	286	-0.4788
185	0.8252	236	0.0072	287	-0.2028
186	0.8562	237	0.2152	288	-0.0068
187	0.9142	238	0.2242	289	-0.0738
188	1.0382	239	0.3582	290	-0.2818
189	1.0762	240	0.2592	291	-0.3548
190	0.3992	241	-0.3018	292	0.1282
191	-0.3568	242	-0.2828	325	0.1092
192	-0.3628	244	-0.0968	326	0.1082
193	-0.3628	245	0.0722	327	0.1092
194	-0.3628	246	0.1082	328	0.1112
195	-0.3618	247	0.1352	329	0.1102
196	-0.3628	248	0.1392	330	0.1132
197	-0.3618	249	0.0812	331	0.1092
198	-0.3648	250	0.1042	332	0.1102
199	-0.3668	251	-0.3038	333	0.1112
200	-0.3638	252	-0.3838	334	0.1112
201	-0.3628	253	0.3582	335	0.1142
202	-0.3568	254	0.2462	336	0.1052
203	-0.3618	255	-0.3848	337	0.1092
204	-0.3598	256	-0.3608	338	0.1092
205	0.3602	257	-0.3148	339	0.1112
206	0.3802	258	-0.2288	340	0.1112
207	0.3832	259	0.0172	341	0.1102
208	0.3862	260	0.1062	350	0.1002
210	0.4552	261	0.1542	351	0.0982
211	0.4482	262	0.1462	352	0.0982
212	0.2982	263	-0.0778	353	0.0972
213	-0.4958	264	-0.1628	354	0.0982
214	-0.3848	265	-0.2588	355	0.0962
215	-0.3348	266	-0.2258		
216	-0.1778	267	-0.1538		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 880
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 737.
TUNNEL STAGNATION PRESSURE(PSF) = 1859.
TUNNEL STATIC PRESSURE(PSF) = 872.
REYNOLDS NUMBER PER FOOT = 4.0000E 06
MODEL ANGLE OF ATTACK(DEG) = 2.05
FIN ANGLE(DEG) = -0.27
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9858
247	0.9848
347	0.9858
447	0.9858
547	0.9868
647	0.9868
747	0.9868

ORF	CP	ORF	CP	ORF	CP
1	0.1948	52	0.1088	102	-0.4062
2	-0.0182	53	-0.1062	103	-0.6952
3	-0.0162	54	-0.2442	104	-0.6692
4	0.0738	55	0.3718	105	-0.5692
5	0.1378	56	0.3258	110	-0.1782
6	0.1508	57	0.3038	111	-0.2002
7	0.1718	58	0.2838	112	-0.1482
8	0.1828	59	0.2608	113	-0.1722
9	0.1828	60	0.2318	114	0.0978
10	0.1768	61	0.2028	115	0.0998
11	0.1648	62	0.1648	116	0.0978
12	0.1548	63	0.1038	117	0.0958
13	0.1138	64	-0.2752	118	0.0968
14	-0.0192	65	-0.2662	119	0.0978
15	-0.1222	66	0.3738	120	-0.1952
16	0.1188	67	0.3248	121	0.0888
17	0.1118	68	0.2908	122	0.0938
18	0.1418	69	0.2588	123	0.0968
19	0.1618	70	0.2288	124	-0.0862
20	0.1858	71	0.1948	125	-0.0982
21	0.1938	72	0.1508	126	-0.0552
22	0.1958	73	0.0698	127	-0.0782
23	0.1958	74	-0.2892	128	-0.0662
24	0.1808	75	0.3708	129	-0.2202
25	0.1668	76	0.3188	135	-0.0582
26	0.1488	77	0.2768	136	-0.0632
27	0.0998	78	0.2308	137	-0.0652
28	-0.0252	79	0.1758	138	0.0228
29	-0.1422	80	0.1078	139	0.0288
30	0.1948	81	-0.0122	140	0.0368
32	0.2218	82	-0.3072	141	0.1158
33	0.2068	83	0.3168	142	0.1148
34	0.2168	84	0.2758	143	0.1218
35	0.2158	85	0.1968	145	-0.0552
36	0.2128	86	0.1268	147	0.1118
37	0.2008	87	0.0758	151	0.0368
38	0.1838	88	-0.0102	152	-0.0862
39	0.1578	89	-0.3272	153	-0.2932
40	0.1138	90	0.2448	154	-0.3672
41	0.0058	91	0.1238	155	0.3648
42	-0.1682	92	0.0908	156	0.1878
43	0.3198	93	0.0538	157	0.0148
44	0.2928	94	-0.0122	158	0.5838
45	0.2818	95	-0.3352	159	0.3228
46	0.2738	96	-0.4312	160	0.2848
47	0.2618	97	-0.2932	161	0.1638
48	0.2398	98	0.1668	162	0.4598
49	0.2208	99	0.1318	163	0.3778
50	0.1968	100	-0.0372	164	0.0298
51	0.1578	101	-0.4642	165	0.0868

ORF	CP	ORF	CP	ORF	CP
166	0.4738	217	-0.0272	268	-0.2562
167	0.3778	218	0.1018	269	-0.2102
168	0.3068	219	0.1658	270	-0.1712
169	0.1708	220	0.1568	271	-0.3812
170	0.3088	221	-0.1272	272	-0.3572
171	0.2408	222	-0.1392	273	-0.1202
172	0.0078	223	0.3218	274	-0.1182
173	0.1618	224	0.3948	275	0.4788
174	-0.0202	225	0.4718	276	0.3768
175	-0.2062	226	0.3198	277	0.2648
176	-0.4662	227	-0.7312	278	-0.3292
177	-0.1592	228	-0.6882	279	-0.3122
178	-0.2572	229	-0.6132	280	-0.2452
179	-0.1122	230	-0.3432	281	-0.0392
180	-0.3492	231	-0.0282	282	0.1348
181	0.3818	232	0.1028	283	0.1618
182	0.5538	233	0.1728	284	0.1778
183	0.5438	234	0.1678	285	0.1238
184	0.7338	235	0.0108	286	-0.4442
185	0.8268	236	0.0478	287	-0.1652
186	0.9308	237	0.2608	288	-0.0462
187	1.0418	238	0.2968	289	-0.0842
188	1.1048	239	0.4088	290	-0.2992
189	1.1458	240	0.3108	291	-0.2642
190	0.3538	241	-0.4332	292	0.1328
191	-0.3422	242	-0.4082	325	0.1088
192	-0.3492	244	-0.1962	326	0.1138
193	-0.3492	245	0.0098	327	0.1088
194	-0.3532	246	0.1058	328	0.1108
195	-0.3442	247	0.1608	329	0.1118
196	-0.3562	248	0.1618	330	0.1118
197	-0.3502	249	0.1108	331	0.1138
198	-0.3562	250	0.1108	332	0.1108
199	-0.3532	251	-0.2942	333	0.1128
200	-0.3462	252	-0.3772	334	0.1128
201	-0.3472	253	0.3648	335	0.1128
202	-0.3482	254	0.2338	336	0.1098
203	-0.3492	255	-0.2722	337	0.1068
204	-0.3492	256	-0.2632	338	0.1138
205	0.3568	257	-0.2272	339	0.1098
206	0.3958	258	-0.0992	340	0.1108
207	0.3898	259	0.0928	341	0.1118
208	0.3798	260	0.1368	350	0.0988
210	0.5078	261	0.1608	351	0.0988
211	0.4888	262	0.1538	352	0.0988
212	0.3568	263	-0.0582	353	0.1008
213	-0.6532	264	-0.1452	354	0.0998
214	-0.5652	265	-0.2672	355	0.0978
215	-0.5542	266	-0.2512		
216	-0.2862	267	-0.1292		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 881
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.095
TUNNEL DYNAMIC PRESSURE(PSF) = 733.
TUNNEL STAGNATION PRESSURE(PSF) = 1854.
TUNNEL STATIC PRESSURE(PSF) = 874.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.27
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9866
247	0.9846
347	0.9856
447	0.9866
547	0.9846
647	0.9846
747	0.9846

ORF	CP	ORF	CP	ORF	CP
1	0.2426	52	0.1286	102	-0.4004
2	0.0866	53	-0.0984	103	-0.7194
3	0.1106	54	-0.1994	104	-0.6824
4	0.1586	55	0.4076	105	-0.5864
5	0.1706	56	0.3706	110	-0.1934
6	0.1826	57	0.3556	111	-0.2184
7	0.1916	58	0.3286	112	-0.1644
8	0.2066	59	0.3026	113	-0.1874
9	0.2126	60	0.2716	114	0.0846
10	0.2036	61	0.2326	115	0.0826
11	0.1906	62	0.1866	116	0.0836
12	0.1766	63	0.1176	117	0.0856
13	0.1406	64	-0.2684	118	0.0816
14	-0.0024	65	-0.2354	119	0.0816
15	-0.1024	66	0.4436	120	-0.1984
16	0.2026	67	0.3796	121	0.0756
17	0.1776	68	0.3396	122	0.0836
18	0.1976	69	0.2996	123	0.0826
19	0.1976	70	0.2626	124	-0.0864
20	0.2056	71	0.2246	125	-0.0984
21	0.2206	72	0.1736	126	-0.0514
22	0.2076	73	0.0816	127	-0.0804
23	0.2116	74	-0.2684	128	-0.1324
24	0.2096	75	0.4346	129	-0.2524
25	0.1966	76	0.3676	135	-0.0664
26	0.1746	77	0.3126	136	-0.0684
27	0.1306	78	0.2626	137	-0.0704
28	-0.0024	79	0.2036	138	0.0056
29	-0.1244	80	0.1286	139	0.0106
30	0.2686	81	-0.0134	140	0.0276
32	0.2496	82	-0.3024	141	0.1086
33	0.2516	83	0.3756	142	0.1056
34	0.2536	84	0.3266	143	0.1056
35	0.2496	85	0.2416	145	-0.0704
36	0.2396	86	0.1566	147	0.1076
37	0.2296	87	0.0766	151	0.0676
38	0.2136	88	-0.0284	152	-0.0684
39	0.1826	89	-0.3414	153	-0.2584
40	0.1306	90	0.3116	154	-0.3554
41	0.0156	91	0.1446	155	0.3786
42	-0.1464	92	0.0706	156	0.2056
43	0.3726	93	0.0166	157	0.0296
44	0.3426	94	-0.0644	158	0.5566
45	0.3226	95	-0.3774	159	0.3226
46	0.3146	96	-0.3484	160	0.2936
47	0.2956	97	-0.3254	161	0.1666
48	0.2746	98	-0.0264	162	0.4486
49	0.2526	99	-0.1744	163	0.3586
50	0.2256	100	-0.1554	164	0.0106
51	0.1886	101	-0.4634	165	0.0816

ORF	CP	ORF	CP	ORF	CP
166	0.4606	217	-0.1474	268	-0.2464
167	0.3666	218	0.0596	269	-0.2214
168	0.3046	219	0.1586	270	-0.1924
169	0.1596	220	0.1486	271	-0.3644
170	0.2056	221	-0.1204	272	-0.3344
171	0.2626	222	-0.1044	273	-0.1444
172	0.0296	223	0.3236	274	-0.1444
173	0.2076	224	0.3706	275	0.4396
174	0.0036	225	0.4966	276	0.3826
175	-0.1534	226	0.3526	277	0.2796
176	-0.4414	227	-0.8834	278	-0.2344
177	-0.1324	228	-0.8164	279	-0.1834
178	-0.2164	229	-0.7544	280	-0.0404
179	-0.0774	230	-0.5744	281	0.0796
180	-0.3594	231	-0.0634	282	0.1736
181	0.3726	232	0.0876	283	0.1766
182	0.5236	233	0.1756	284	0.2036
183	0.5606	234	0.1696	285	0.1526
184	0.7876	235	0.0026	286	-0.4414
185	0.8806	236	0.0656	287	-0.1524
186	0.9546	237	0.2776	288	-0.0804
187	1.0456	238	0.3326	289	-0.1104
188	1.1326	239	0.4706	290	-0.3164
189	1.1646	240	0.3646	291	-0.3054
190	0.2546	241	-0.7194	292	0.0506
191	-0.3434	242	-0.5654	325	0.0936
192	-0.3504	244	-0.2834	326	0.0956
193	-0.3494	245	-0.0464	327	0.0936
194	-0.3534	246	0.0926	328	0.0926
195	-0.3464	247	0.1826	329	0.0936
196	-0.3554	248	0.1886	330	0.0976
197	-0.3514	249	0.1326	331	0.0946
198	-0.3544	250	0.0976	332	0.0946
199	-0.3574	251	-0.3084	333	0.0936
200	-0.3494	252	-0.4004	334	0.0946
201	-0.3484	253	0.3916	335	0.0976
202	-0.3494	254	0.2626	336	0.0936
203	-0.3524	255	-0.3534	337	0.0946
204	-0.3454	256	-0.2884	338	0.0946
205	0.3446	257	-0.2244	339	0.0936
206	0.3696	258	-0.0824	340	0.0936
207	0.3686	259	0.0976	341	0.0926
208	0.3596	260	0.1576	350	0.0836
210	0.5336	261	0.1876	351	0.0856
211	0.4546	262	0.1716	352	0.0826
212	0.3136	263	-0.0444	353	0.0846
213	-0.7374	264	-0.1274	354	0.0856
214	-0.7024	265	-0.2654	355	0.0856
215	-0.6114	266	-0.2704		
216	-0.4064	267	-0.1204		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 882
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.094
TUNNEL DYNAMIC PRESSURE(PSF) = 732.
TUNNEL STAGNATION PRESSURE(PSF) = 1852.
TUNNEL STATIC PRESSURE(PSF) = 874.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 5.98
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9870
247	0.9860
347	0.9870
447	0.9870
547	0.9820
647	0.9810
747	0.9810

ORF	CP	ORF	CP	ORF	CP
1	0.3690	52	0.1680	102	-0.4160
2	0.2300	53	-0.0720	103	-0.7370
3	0.2410	54	-0.1510	104	-0.6910
4	0.2480	55	0.4990	105	-0.6070
5	0.2660	56	0.4460	110	-0.2010
6	0.2740	57	0.4150	111	-0.2330
7	0.2730	58	0.3820	112	-0.1760
8	0.2770	59	0.3500	113	-0.1950
9	0.2730	60	0.3190	114	0.0840
10	0.2690	61	0.2750	115	0.0820
11	0.2630	62	0.2200	116	0.0810
12	0.2360	63	0.1430	117	0.0820
13	0.1970	64	-0.2510	118	0.0810
14	0.0430	65	-0.1940	119	0.0820
15	-0.0620	66	0.5050	120	-0.2100
16	0.3320	67	0.4370	121	0.0740
17	0.3110	68	0.3910	122	0.0850
18	0.2970	69	0.3470	123	0.0840
19	0.2960	70	0.3040	124	-0.0890
20	0.2890	71	0.2610	125	-0.1180
21	0.2960	72	0.2020	126	-0.0640
22	0.2940	73	0.0950	127	-0.0900
23	0.2840	74	-0.2320	128	-0.0850
24	0.2800	75	0.4870	129	-0.2480
25	0.2560	76	0.4090	135	-0.0830
26	0.2320	77	0.3530	136	-0.0850
27	0.1810	78	0.2930	137	-0.0820
28	0.0430	79	0.2240	138	-0.0110
29	-0.0910	80	0.1440	139	-0.0040
30	0.4030	81	-0.0090	140	0.0000
32	0.3570	82	-0.2770	141	0.1070
33	0.3520	83	0.4250	142	0.1090
34	0.3370	84	0.3720	143	0.1050
35	0.3280	85	0.2840	145	-0.0930
36	0.3130	86	0.1910	147	0.1100
37	0.2990	87	0.1000	151	0.1270
38	0.2740	88	-0.0120	152	-0.0420
39	0.2360	89	-0.3140	153	-0.1750
40	0.1800	90	0.3620	154	-0.3390
41	0.0640	91	0.1800	155	0.3350
42	-0.1150	92	0.0860	156	0.2450
43	0.4810	93	0.0130	157	0.0690
44	0.4340	94	-0.0810	158	0.5960
45	0.4070	95	-0.3820	159	0.3590
46	0.3900	96	-0.3530	160	0.3290
47	0.3650	97	-0.3260	161	0.2120
48	0.3430	98	-0.4600	162	0.4820
49	0.3120	99	-0.4640	163	0.3820
50	0.2810	100	-0.4860	164	-0.0080
51	0.2340	101	-0.4740	165	0.1050

ORF	CP	ORF	CP	ORF	CP
166	0.4340	217	-0.1910	268	-0.2530
167	0.3750	218	0.0080	269	-0.2140
168	0.3090	219	0.1420	270	-0.1790
169	0.1600	220	0.1440	271	-0.3710
170	0.3280	221	-0.0990	272	-0.3640
171	0.2450	222	-0.0860	273	-0.1410
172	0.0120	223	0.3410	274	-0.1460
173	0.2110	224	0.3610	275	0.3760
174	0.0240	225	0.4320	276	0.4280
175	-0.1590	226	0.3040	277	0.3700
176	-0.4360	227	-0.8490	278	-0.0380
177	-0.0770	228	-0.7970	279	0.0800
178	-0.1840	229	-0.7090	280	0.1490
179	-0.0610	230	-0.4840	281	0.2090
180	-0.3580	231	-0.1010	282	0.2440
181	0.4240	232	0.0680	283	0.2530
182	0.5570	233	0.1570	284	0.2700
183	0.4600	234	0.1620	285	0.2070
184	0.6730	235	0.0190	286	-0.4590
185	0.8070	236	0.0710	287	-0.1860
186	0.9290	237	0.2630	288	-0.0850
187	1.0400	238	0.3140	289	-0.1160
188	1.1270	239	0.4920	290	-0.3090
189	1.1680	240	0.4080	291	-0.2980
190	0.2180	241	-0.7520	292	-0.0200
191	-0.3400	242	-0.6580	325	0.0900
192	-0.3510	244	-0.3240	326	0.0890
193	-0.3510	245	-0.0230	327	0.0910
194	-0.3540	246	0.0950	328	0.0950
195	-0.3410	247	0.1930	329	0.0950
196	-0.3490	248	0.2050	330	0.0950
197	-0.3490	249	0.1510	331	0.0900
198	-0.3530	250	0.0930	332	0.0910
199	-0.3530	251	-0.2890	333	0.0950
200	-0.3430	252	-0.4030	334	0.0940
201	-0.3460	253	0.4430	335	0.0970
202	-0.3490	254	0.3400	336	0.0900
203	-0.3520	255	-0.3990	337	0.0890
204	-0.3440	256	-0.3470	338	0.0890
205	0.3080	257	-0.2690	339	0.0910
206	0.3120	258	-0.1250	340	0.0950
207	0.3230	259	0.0910	341	0.0940
208	0.3370	260	0.1920	350	0.0780
210	0.5000	261	0.2460	351	0.0800
211	0.3940	262	0.2250	352	0.0820
212	0.2660	263	-0.0310	353	0.0800
213	-0.7290	264	-0.1110	354	0.0830
214	-0.6610	265	-0.2620	355	0.0840
215	-0.5710	266	-0.2620		
216	-0.4070	267	-0.1080		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 883
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.094
TUNNEL DYNAMIC PRESSURE(PSF) = 732.
TUNNEL STAGNATION PRESSURE(PSF) = 1852.
TUNNEL STATIC PRESSURE(PSF) = 874.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 7.93
FIN ANGLE(DEG) = 0.07
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9870
247	0.9870
347	0.9870
447	0.9870
547	0.9860
647	0.9860
747	0.9850

ORF	CP	ORF	CP	ORF	CP
1	0.5090	52	0.2040	102	-0.4950
2	0.3150	53	-0.0530	103	-0.7680
3	0.3110	54	-0.1320	104	-0.7160
4	0.3300	55	0.5650	105	-0.6120
5	0.3270	56	0.5060	110	-0.2260
6	0.3390	57	0.4600	111	-0.2590
7	0.3410	58	0.4250	112	-0.1940
8	0.3430	59	0.3910	113	-0.2050
9	0.3330	60	0.3550	114	0.0790
10	0.3250	61	0.3100	115	0.0790
11	0.3130	62	0.2520	116	0.0830
12	0.2920	63	0.1620	117	0.0810
13	0.2560	64	-0.2380	118	0.0810
14	0.0860	65	-0.1680	119	0.0830
15	-0.0270	66	0.5530	120	-0.2260
16	0.4560	67	0.4860	121	0.0720
17	0.4110	68	0.4350	122	0.0800
18	0.3990	69	0.3850	123	0.0790
19	0.3890	70	0.3370	124	-0.1060
20	0.3720	71	0.2880	125	-0.1400
21	0.3660	72	0.2250	126	-0.0820
22	0.3590	73	0.1070	127	-0.1130
23	0.3450	74	-0.1980	128	-0.1060
24	0.3340	75	0.5290	129	-0.2680
25	0.3140	76	0.4510	135	-0.1030
26	0.2870	77	0.3870	136	-0.1050
27	0.2360	78	0.3230	137	-0.1060
28	0.0880	79	0.2490	138	-0.0220
29	-0.0580	80	0.1630	139	-0.0230
30	0.5200	81	-0.0020	140	-0.0020
32	0.4410	82	-0.2450	141	0.1090
33	0.4230	83	0.4590	142	0.1110
34	0.4040	84	0.4070	143	0.1050
35	0.3870	85	0.3160	145	-0.1010
36	0.3720	86	0.2180	147	0.1070
37	0.3530	87	0.1300	151	0.1690
38	0.3270	88	-0.0070	152	-0.0180
39	0.2900	89	-0.2920	153	-0.1380
40	0.2390	90	0.3960	154	-0.3220
41	0.1080	91	0.2080	155	0.3270
42	-0.0880	92	0.0950	156	0.3030
43	0.5590	93	0.0110	157	0.1140
44	0.5070	94	-0.0880	158	0.6590
45	0.4680	95	-0.3720	159	0.4110
46	0.4430	96	-0.4830	160	0.3810
47	0.4160	97	-0.3430	161	0.2610
48	0.3900	98	-0.6350	162	0.5370
49	0.3590	99	-0.6110	163	0.4450
50	0.3250	100	-0.6180	164	-0.0240
51	0.2720	101	-0.5280	165	0.1560

ORF	CP	ORF	CP	ORF	CP
166	0.4470	217	-0.3050	268	-0.2750
167	0.4100	218	-0.0220	269	-0.2500
168	0.3590	219	0.1450	270	-0.1560
169	0.1960	220	0.1600	271	-0.4150
170	0.3850	221	-0.0810	272	-0.4230
171	0.2470	222	-0.0890	273	-0.1290
172	0.0220	223	0.3660	274	-0.1160
173	0.1940	224	0.3860	275	0.2950
174	0.0420	225	0.3900	276	0.6240
175	-0.1830	226	0.2650	277	0.5330
176	-0.4240	227	-0.8730	278	-0.0680
177	-0.0410	228	-0.7920	279	0.0590
178	-0.1650	229	-0.6820	280	0.1850
179	-0.0630	230	-0.4930	281	0.2820
180	-0.3610	231	-0.1710	282	0.3230
181	0.4880	232	0.0160	283	0.3280
182	0.6320	233	0.1460	284	0.3320
183	0.4190	234	0.1740	285	0.2620
184	0.6460	235	0.0280	286	-0.5200
185	0.7900	236	0.0790	287	-0.3070
186	1.0070	237	0.2610	288	-0.0590
187	1.1160	238	0.2980	289	-0.0870
188	1.1860	239	0.4370	290	-0.3180
189	1.2190	240	0.3420	291	-0.2540
190	0.1710	241	-0.6080	292	-0.0240
191	-0.3360	242	-0.5030	325	0.1010
192	-0.3470	244	-0.2430	326	0.0980
193	-0.3490	245	-0.0370	327	0.0980
194	-0.3570	246	0.0840	328	0.0970
195	-0.3320	247	0.1850	329	0.0970
196	-0.3560	248	0.2070	330	0.1000
197	-0.3500	249	0.1590	331	0.1000
198	-0.3560	250	0.1010	332	0.0990
199	-0.3580	251	-0.2650	333	0.0980
200	-0.3360	252	-0.4090	334	0.0980
201	-0.3450	253	0.5460	335	0.1010
202	-0.3490	254	0.4050	336	0.1010
203	-0.3490	255	-0.3220	337	0.0980
204	-0.3440	256	-0.3030	338	0.0980
205	0.2610	257	-0.2350	339	0.0980
206	0.2640	258	-0.0950	340	0.0970
207	0.2750	259	0.1180	341	0.0980
208	0.2950	260	0.2150	350	0.0830
210	0.5350	261	0.2700	351	0.0800
211	0.3410	262	0.2640	352	0.0840
212	0.2360	263	-0.0110	353	0.0840
213	-0.7460	264	-0.1080	354	0.0840
214	-0.6770	265	-0.3030	355	0.0820
215	-0.5590	266	-0.2780		
216	-0.4340	267	-0.0850		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 884
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.089
TUNNEL DYNAMIC PRESSURE(PSF) = 729.
TUNNEL STAGNATION PRESSURE(PSF) = 1850.
TUNNEL STATIC PRESSURE(PSF) = 879.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9852
247	0.9832
347	0.9842
447	0.9852
547	0.9722
647	0.9722
747	0.9722

ORF	CP	ORF	CP	ORF	CP
1	0.6002	52	0.2422	102	-0.5718
2	0.3502	53	-0.0318	103	-0.8708
3	0.3762	54	-0.0178	104	-0.8338
4	0.4032	55	0.6332	105	-0.6408
5	0.4172	56	0.5772	110	-0.2538
6	0.4092	57	0.5372	111	-0.2738
7	0.4122	58	0.4952	112	-0.2268
8	0.4052	59	0.4552	113	-0.2338
9	0.3962	60	0.4132	114	0.0722
10	0.3862	61	0.3612	115	0.0732
11	0.3692	62	0.2982	116	0.0732
12	0.3462	63	0.1982	117	0.0732
13	0.3082	64	-0.1888	118	0.0742
14	0.1322	65	-0.0098	119	0.0752
15	0.0232	66	0.6152	120	-0.2268
16	0.5562	67	0.5562	121	0.0642
17	0.5102	68	0.5022	122	0.0752
18	0.4862	69	0.4522	123	0.0742
19	0.4712	70	0.4042	124	-0.1598
20	0.4512	71	0.3452	125	-0.1848
21	0.4402	72	0.2662	126	-0.1398
22	0.4232	73	0.1372	127	-0.1648
23	0.4082	74	-0.0228	128	-0.1448
24	0.3922	75	0.5842	129	-0.2808
25	0.3732	76	0.5162	135	-0.1498
26	0.3442	77	0.4492	136	-0.1508
27	0.2902	78	0.3832	137	-0.1428
28	0.1332	79	0.3132	138	-0.0208
29	-0.0068	80	0.2142	139	-0.0178
30	0.6102	81	0.0262	140	-0.0068
32	0.5272	82	-0.0668	141	0.1192
33	0.5032	83	0.5132	142	0.1052
34	0.4732	84	0.4692	143	0.1202
35	0.4542	85	0.3832	145	-0.1518
36	0.4312	86	0.2832	147	0.1052
37	0.4062	87	0.1772	151	0.2222
38	0.3752	88	0.0252	152	0.0332
39	0.3422	89	-0.1228	153	-0.0902
40	0.2832	90	0.4532	154	-0.3012
41	0.1432	91	0.2682	155	0.3332
42	-0.0268	92	0.1442	156	0.3942
43	0.6412	93	0.0492	157	0.1722
44	0.5902	94	-0.0618	158	0.7922
45	0.5442	95	-0.2208	159	0.4832
46	0.5152	96	-0.6388	160	0.4462
47	0.4822	97	-0.4078	161	0.3092
48	0.4522	98	-0.9458	162	0.6202
49	0.4182	99	-0.8158	163	0.5202
50	0.3782	100	-0.6068	164	-0.0132
51	0.3222	101	-0.5848	165	0.1972

ORF	CP	ORF	CP	ORF	CP
166	0.5012	217	-0.4718	268	-0.2808
167	0.4702	218	-0.4518	269	-0.3368
168	0.4002	219	0.1092	270	-0.1748
169	0.2132	220	0.1852	271	-0.4538
170	0.4672	221	-0.0098	272	-0.4488
171	0.3112	222	-0.0448	273	-0.1678
172	0.0442	223	0.3672	274	-0.1388
173	0.2522	224	0.3942	275	0.2632
174	0.0902	225	0.3602	276	0.6842
175	-0.1518	226	0.2522	277	0.5752
176	-0.4338	227	-0.8838	278	-0.1188
177	0.0102	228	-0.8078	279	0.0552
178	-0.1488	229	-0.7348	280	0.2022
179	-0.0358	230	-0.6138	281	0.3482
180	-0.3878	231	-0.5108	282	0.3932
181	0.5862	232	-0.1588	283	0.3872
182	0.7422	233	0.1202	284	0.3812
183	0.5352	234	0.1872	285	0.3022
184	0.7722	235	0.0602	286	-0.5868
185	1.0512	236	0.1372	287	-0.3958
186	1.2322	237	0.3362	288	-0.0928
187	1.2572	238	0.3632	289	-0.1168
188	1.2462	239	0.3452	290	-0.3698
189	1.1582	240	0.2692	291	-0.3498
190	0.0822	241	-0.6508	292	-0.1528
191	-0.3478	242	-0.5288	325	0.0892
192	-0.3698	244	-0.2538	326	0.0852
193	-0.3708	245	-0.0638	327	0.0862
194	-0.3788	246	0.0482	328	0.0892
195	-0.3308	247	0.1722	329	0.0902
196	-0.3868	248	0.2182	330	0.0892
197	-0.3768	249	0.1802	331	0.0862
198	-0.3818	250	0.0822	332	0.0872
199	-0.3828	251	-0.2408	333	0.0902
200	-0.3478	252	-0.4258	334	0.0902
201	-0.3678	253	0.5132	335	0.0902
202	-0.3768	254	0.3762	336	0.0912
203	-0.3748	255	-0.3128	337	0.0882
204	-0.3638	256	-0.2468	338	0.0862
205	0.2012	257	-0.1888	339	0.0862
206	0.2102	258	-0.0198	340	0.0902
207	0.2062	259	0.1462	341	0.0892
208	0.2282	260	0.2132	350	0.0702
210	0.5292	261	0.2682	351	0.0722
211	0.1962	262	0.2772	352	0.0772
212	0.1972	263	0.0152	353	0.0762
213	-0.7278	264	-0.1008	354	0.0702
214	-0.6348	265	-0.3298	355	0.0732
215	-0.5408	266	-0.3448		
216	-0.3858	267	-0.0538		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 885
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.091
TUNNEL DYNAMIC PRESSURE(PSF) = 730.
TUNNEL STAGNATION PRESSURE(PSF) = 1851.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 14.14
FIN ANGLE(DEG) = -0.18
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.9880
247	0.9870
347	0.9870
447	0.9870
547	0.9780
647	0.9780
747	0.9770

ORF	CP	ORF	CP	ORF	CP
1	0.6580	52	0.2690	102	-0.6080
2	0.3580	53	-0.0120	103	-0.8350
3	0.4110	54	0.0290	104	-0.7910
4	0.4540	55	0.6710	105	-0.6460
5	0.4510	56	0.6160	110	-0.2420
6	0.4420	57	0.5730	111	-0.2660
7	0.4280	58	0.5300	112	-0.2070
8	0.4270	59	0.4870	113	-0.2370
9	0.4170	60	0.4430	114	0.0730
10	0.4050	61	0.3930	115	0.0690
11	0.3870	62	0.3260	116	0.0730
12	0.3700	63	0.2200	117	0.0760
13	0.3320	64	-0.1040	118	0.0720
14	0.1510	65	0.0240	119	0.0720
15	0.0390	66	0.6480	120	-0.2220
16	0.6200	67	0.5930	121	0.0640
17	0.5720	68	0.5390	122	0.0710
18	0.5440	69	0.4910	123	0.0730
19	0.5200	70	0.4340	124	-0.1790
20	0.4920	71	0.3760	125	-0.2080
21	0.4670	72	0.2970	126	-0.1780
22	0.4530	73	0.1660	127	-0.1950
23	0.4340	74	-0.0150	128	-0.1650
24	0.4160	75	0.6200	129	-0.2870
25	0.3970	76	0.5560	135	-0.1690
26	0.3650	77	0.4880	136	-0.1710
27	0.3120	78	0.4230	137	-0.1680
28	0.1590	79	0.3460	138	-0.0100
29	0.0150	80	0.2500	139	-0.0100
30	0.6690	81	0.0680	140	-0.0100
32	0.5730	82	-0.0510	141	0.1340
33	0.5420	83	0.5500	142	0.0870
34	0.5160	84	0.5070	143	0.1220
35	0.4900	85	0.4190	145	-0.1730
36	0.4690	86	0.3210	147	0.0860
37	0.4420	87	0.2130	151	0.2370
38	0.4070	88	0.0600	152	0.0450
39	0.3730	89	-0.1030	153	-0.0590
40	0.3120	90	0.4890	154	-0.2830
41	0.1680	91	0.3120	155	0.3010
42	0.0040	92	0.1870	156	0.4060
43	0.6790	93	0.0850	157	0.1940
44	0.6280	94	-0.0350	158	0.8340
45	0.5840	95	-0.2080	159	0.4820
46	0.5510	96	-0.6750	160	0.4500
47	0.5140	97	-0.4530	161	0.3210
48	0.4820	98	-0.8850	162	0.6390
49	0.4460	99	-0.7670	163	0.5120
50	0.4080	100	-0.6750	164	-0.0140
51	0.3510	101	-0.6280	165	0.1950

ORF	CP	ORF	CP	ORF	CP
166	0.5270	217	-0.4640	268	-0.2750
167	0.4820	218	-0.4720	269	-0.3190
168	0.3890	219	0.0740	270	-0.1660
169	0.1940	220	0.1860	271	-0.4750
170	0.4850	221	0.0140	272	-0.4530
171	0.3310	222	-0.0110	273	-0.1400
172	0.0490	223	0.3870	274	-0.1280
173	0.2940	224	0.4120	275	0.2200
174	0.1020	225	0.3670	276	0.8170
175	-0.1070	226	0.2740	277	0.6690
176	-0.4290	227	-0.8840	278	-0.2040
177	0.0220	228	-0.8180	279	-0.0630
178	-0.1330	229	-0.7600	280	0.1420
179	-0.0300	230	-0.6570	281	0.3980
180	-0.3930	231	-0.5720	282	0.4580
181	0.6210	232	-0.3080	283	0.4330
182	0.7760	233	0.0830	284	0.4160
183	0.5740	234	0.1990	285	0.3320
184	0.8450	235	0.0780	286	-0.6190
185	1.1220	236	0.1660	287	-0.3240
186	1.2340	237	0.3860	288	-0.0800
187	1.2240	238	0.4250	289	-0.0990
188	1.1600	239	0.2750	290	-0.3670
189	1.0740	240	0.2150	291	-0.3240
190	0.0520	241	-0.7030	292	-0.2320
191	-0.3400	242	-0.5480	325	0.0870
192	-0.3630	244	-0.2690	326	0.0820
193	-0.3630	245	-0.0550	327	0.0850
194	-0.3730	246	0.0640	328	0.0850
195	-0.3170	247	0.1960	329	0.0880
196	-0.3830	248	0.2440	330	0.0880
197	-0.3770	249	0.2050	331	0.0830
198	-0.3800	250	0.0810	332	0.0860
199	-0.3800	251	-0.2480	333	0.0870
200	-0.3350	252	-0.4240	334	0.0910
201	-0.3540	253	0.4950	335	0.0880
202	-0.3690	254	0.3550	336	0.0880
203	-0.3680	255	-0.2850	337	0.0860
204	-0.3510	256	-0.2070	338	0.0820
205	0.1760	257	-0.1330	339	0.0830
206	0.1780	258	0.0360	340	0.0850
207	0.1730	259	0.1770	341	0.0850
208	0.1930	260	0.2320	350	0.0710
210	0.5380	261	0.2800	351	0.0730
211	0.1110	262	0.2920	352	0.0730
212	0.1790	263	0.0250	353	0.0750
213	-0.7380	264	-0.1030	354	0.0680
214	-0.6770	265	-0.3280	355	0.0710
215	-0.5990	266	-0.3280		
216	-0.4230	267	-0.0300		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 886
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 50.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.101
TUNNEL DYNAMIC PRESSURE(PSF) = 735.
TUNNEL STAGNATION PRESSURE(PSF) = 1852.
TUNNEL STATIC PRESSURE(PSF) = 867.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.29
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9944
247	0.9934
347	0.9934
447	0.9954
547	0.9954
647	0.9954
747	0.9944

ORF	CP	ORF	CP	ORF	CP
1	0.2454	52	0.0954	102	-0.4166
2	-0.1326	53	-0.1166	103	-0.6736
3	-0.2176	54	-0.2806	104	-0.6546
4	-0.0726	55	0.2784	105	-0.5616
5	0.0494	56	0.2594	110	-0.1756
6	0.1124	57	0.2464	111	-0.1946
7	0.1404	58	0.2314	112	-0.1466
8	0.1614	59	0.2104	113	-0.1696
9	0.1674	60	0.1974	114	0.0934
10	0.1634	61	0.1674	115	0.0924
11	0.1594	62	0.1354	116	0.0944
12	0.1444	63	0.0774	117	0.0944
13	0.1164	64	-0.2846	118	0.0954
14	-0.0256	65	-0.2816	119	0.0954
15	-0.1366	66	0.2794	120	-0.2006
16	-0.0156	67	0.2584	121	0.0874
17	-0.0596	68	0.2394	122	0.0974
18	0.0484	69	0.2124	123	0.0934
19	0.1114	70	0.1894	124	-0.1046
20	0.1434	71	0.1624	125	-0.1136
21	0.1634	72	0.1174	126	-0.0716
22	0.1724	73	0.0384	127	-0.0956
23	0.1784	74	-0.3006	128	-0.0706
24	0.1734	75	0.2804	129	-0.2296
25	0.1674	76	0.2484	135	-0.0706
26	0.1494	77	0.2144	136	-0.0686
27	0.1064	78	0.1744	137	-0.0696
28	-0.0196	79	0.1344	138	0.0134
29	-0.1656	80	0.0844	139	0.0154
30	0.0904	81	-0.0316	140	0.0054
32	0.1714	82	-0.3116	141	0.1134
33	0.1824	83	0.2414	142	0.1124
34	0.1894	84	0.2144	143	0.1104
35	0.1954	85	0.1524	145	-0.0706
36	0.1994	86	0.1234	147	0.1124
37	0.1854	87	0.0794	151	0.0494
38	0.1754	88	-0.0036	152	-0.1036
39	0.1544	89	-0.3226	153	-0.2686
40	0.1074	90	0.1624	154	-0.3806
41	0.0074	91	0.1434	155	0.3174
42	-0.2226	92	0.1024	156	0.1964
43	0.2404	93	0.0674	157	0.0174
44	0.2304	94	0.0064	158	0.5224
45	0.2224	95	-0.3246	159	0.3044
46	0.2234	96	-0.2436	160	0.2564
47	0.2174	97	-0.2836	161	0.1314
48	0.2064	98	0.2254	162	0.4344
49	0.1944	99	0.2054	163	0.3414
50	0.1754	100	-0.0226	164	0.0256
51	0.1424	101	-0.4786	165	0.0604

ORF	CP	ORF	CP	ORF	CP
166	0.4934	217	-0.0176	268	-0.2876
167	0.3304	218	0.1094	269	-0.1796
168	0.2924	219	0.1694	270	-0.1276
169	0.1574	220	0.1414	271	-0.4126
170	0.3324	221	-0.1456	272	-0.4046
171	0.1774	222	-0.1546	273	-0.0806
172	-0.0326	223	0.2844	274	-0.0816
173	0.0894	224	0.3594	275	0.4764
174	-0.0606	225	0.4024	276	0.4444
175	-0.2966	226	0.2714	277	0.3204
176	-0.4606	227	-0.4326	278	-0.5066
177	-0.1436	228	-0.3986	279	-0.4466
178	-0.2616	229	-0.3176	280	-0.4006
179	-0.1596	230	-0.2426	281	-0.2526
180	-0.3496	231	-0.0076	282	-0.0386
181	0.3684	232	0.1104	283	0.0904
182	0.5454	233	0.1514	284	0.1664
183	0.5324	234	0.1474	285	0.1304
184	0.7084	235	-0.0016	286	-0.4696
185	0.8014	236	0.0174	287	-0.1896
186	0.8714	237	0.2254	288	-0.0006
187	0.9404	238	0.2244	289	-0.0646
188	0.9774	239	0.3594	290	-0.2716
189	1.0894	240	0.2544	291	-0.3756
190	0.4044	241	-0.3296	292	0.1324
191	-0.3446	242	-0.3246	325	0.1124
192	-0.3506	244	-0.1036	326	0.1094
193	-0.3496	245	0.0704	327	0.1114
194	-0.3526	246	0.1074	328	0.1104
195	-0.3496	247	0.1414	329	0.1104
196	-0.3536	248	0.1424	330	0.1134
197	-0.3516	249	0.0924	331	0.1094
198	-0.3546	250	0.1124	332	0.1134
199	-0.3556	251	-0.2926	333	0.1144
200	-0.3506	252	-0.3686	334	0.1104
201	-0.3536	253	0.3634	335	0.1144
202	-0.3496	254	0.2474	336	0.1124
203	-0.3496	255	-0.3576	337	0.1134
204	-0.3526	256	-0.3566	338	0.1094
205	0.3624	257	-0.3326	339	0.1124
206	0.3964	258	-0.2046	340	0.1104
207	0.3864	259	-0.0096	341	0.1104
208	0.3844	260	0.0944	350	0.1004
210	0.4754	261	0.1554	351	0.0974
211	0.4514	262	0.1554	352	0.0954
212	0.3214	263	-0.0756	353	0.0974
213	-0.4566	264	-0.1536	354	0.0974
214	-0.4046	265	-0.2466	355	0.0984
215	-0.3376	266	-0.2206		
216	-0.2136	267	-0.1496		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 887
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 715.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 927.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = -14.23
FIN ANGLE(DEG) = -0.15
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9375
247	0.9365
347	0.9375
447	0.9375
547	0.9335
647	0.9335
747	0.9325

ORF	CP	ORF	CP	ORF	CP
1	-0.6065	52	-0.8155	102	-0.6795
2	-0.7565	53	-0.7855	103	-0.8975
3	-0.7355	54	-0.7195	104	-0.8515
4	-0.7695	55	-0.9375	105	-0.6765
5	-0.7615	56	-0.9405	110	-0.1585
6	-0.7425	57	-0.9265	111	-0.1885
7	-0.7255	58	-0.9095	112	-0.1555
8	-0.6885	59	-0.8875	113	-0.2215
9	-0.6515	60	-0.8635	114	0.0595
10	-0.6085	61	-0.8365	115	0.0595
11	-0.5215	62	-0.8165	116	0.0595
12	-0.3475	63	-0.7955	117	0.0645
13	-0.1975	64	-0.7915	118	0.0625
14	-0.2595	65	-0.7865	119	0.0605
15	-0.3455	66	-0.8975	120	-0.1945
16	-0.8805	67	-0.8885	121	0.0565
17	-0.9825	68	-0.8705	122	0.0575
18	-1.0315	69	-0.8635	123	0.0595
19	-1.0075	70	-0.8485	124	-0.1385
20	-0.9605	71	-0.8375	125	-0.1525
21	-0.9285	72	-0.8225	126	-0.1155
22	-0.9135	73	-0.8065	127	-0.1345
23	-0.8775	74	-0.7785	128	-0.1475
24	-0.8135	75	-0.8305	129	-0.2315
25	-0.7455	76	-0.8205	135	-0.1275
26	-0.5735	77	-0.8155	136	-0.1395
27	-0.3505	78	-0.7985	137	-0.1455
28	-0.2775	79	-0.7855	138	0.0305
29	-0.3425	80	-0.7725	139	0.0245
30	-1.0545	81	-0.7635	140	0.0265
32	-1.0185	82	-0.7505	141	0.1945
33	-0.9865	83	-0.6675	142	0.1625
34	-0.9395	84	-0.7765	143	0.1795
35	-0.8955	85	-0.7655	145	-0.1435
36	-0.8385	86	-0.7555	147	0.1695
37	-0.7925	87	-0.7465	151	-0.0765
38	-0.7245	88	-0.7325	152	-0.2415
39	-0.6045	89	-0.7165	153	-0.2855
40	-0.5235	90	-0.7255	154	-0.3125
41	-0.5485	91	-0.7235	155	-0.1105
42	-0.6615	92	-0.7205	156	-0.1455
43	-1.0125	93	-0.7055	157	-0.2405
44	-0.9865	94	-0.6885	158	0.0675
45	-0.9785	95	-0.6795	159	-0.0795
46	-0.9675	96	0.3515	160	-0.1445
47	-0.9675	97	-0.2355	161	-0.2205
48	-0.9335	98	0.5145	162	0.1115
49	-0.8885	99	0.4255	163	-0.0055
50	-0.8515	100	-0.1385	164	0.0265
51	-0.8305	101	-0.6905	165	-0.1915

ORF	CP	ORF	CP	ORF	CP
166	0.2125	217	-0.0885	268	-0.6165
167	0.0375	218	-0.0735	269	-0.2165
168	0.0175	219	-0.0865	270	-0.1425
169	-0.0765	220	-0.1105	271	-0.6105
170	-0.0395	221	-0.3935	272	-0.4845
171	-0.0735	222	-0.3695	273	-0.0915
172	-0.2295	223	-0.0405	274	-0.1025
173	-0.1165	224	0.0785	275	0.2025
174	-0.2485	225	0.1775	276	-0.2295
175	-0.3575	226	0.0275	277	-0.2355
176	-0.4005	227	-0.5215	278	-1.0215
177	-0.3055	228	-0.5255	279	-0.9825
178	-0.3385	229	-0.4965	280	-0.9005
179	-0.2675	230	-0.3985	281	-0.8315
180	-0.3485	231	-0.2105	282	-0.7025
181	0.0685	232	-0.1465	283	-0.7175
182	0.1945	233	-0.1435	284	-0.6425
183	0.2615	234	-0.1385	285	-0.2615
184	0.4265	235	-0.2485	286	-0.6835
185	0.4655	236	-0.2125	287	-0.3735
186	0.5055	237	-0.0225	288	-0.0805
187	0.5225	238	-0.0295	289	-0.0925
188	0.5935	239	0.1175	290	-0.3035
189	0.6345	240	0.0505	291	-0.8505
190	0.6435	241	-0.9225	292	0.2405
191	-0.3505	242	-0.8115	325	0.0695
192	-0.3365	244	-0.4875	326	0.0685
193	-0.3415	245	-0.3605	327	0.0695
194	-0.3405	246	-0.3215	328	0.0715
195	-0.3615	247	-0.2795	329	0.0705
196	-0.3605	248	-0.1515	330	0.0705
197	-0.3515	249	-0.1475	331	0.0695
198	-0.3515	250	0.0685	332	0.0695
199	-0.3515	251	-0.4395	333	0.0725
200	-0.3685	252	-0.4605	334	0.0725
201	-0.3515	253	0.2035	335	0.0705
202	-0.3535	254	0.1165	336	0.0705
203	-0.3555	255	-1.0015	337	0.0695
204	-0.3575	256	-0.9335	338	0.0695
205	0.0855	257	-0.8805	339	0.0695
206	0.2605	258	-0.7875	340	0.0715
207	0.1165	259	-0.7455	341	0.0705
208	0.1595	260	-0.7235	350	0.0605
210	0.1915	261	-0.5445	351	0.0585
211	0.1885	262	-0.2205	352	0.0575
212	0.0725	263	-0.3545	353	0.0615
213	-0.5885	264	-0.4155	354	0.0565
214	-0.4775	265	-0.3785	355	0.0595
215	-0.3865	266	-0.2275		
216	-0.1975	267	-0.4135		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 888
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 716.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 924.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -12.12
FIN ANGLE(DEG) = 0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9395
247	0.9395
347	0.9385
447	0.9395
547	0.9475
647	0.9475
747	0.9475

ORF	CP	ORF	CP	ORF	CP
1	-0.4735	52	-0.5285	102	-0.5925
2	-0.7455	53	-0.5145	103	-0.8795
3	-0.7085	54	-0.4945	104	-0.8475
4	-0.7095	55	-1.0485	105	-0.6725
5	-0.7005	56	-1.0515	110	-0.1535
6	-0.6585	57	-1.0375	111	-0.1835
7	-0.6075	58	-1.0015	112	-0.1475
8	-0.5625	59	-0.9495	113	-0.1965
9	-0.5125	60	-0.9025	114	0.0695
10	-0.4675	61	-0.8625	115	0.0715
11	-0.3605	62	-0.8335	116	0.0725
12	-0.2365	63	-0.8215	117	0.0735
13	-0.1735	64	-0.8285	118	0.0705
14	-0.2765	65	-0.8535	119	0.0735
15	-0.3895	66	-0.9545	120	-0.1605
16	-0.7985	67	-0.9325	121	0.0705
17	-0.8915	68	-0.9315	122	0.0715
18	-0.9065	69	-0.9435	123	0.0695
19	-0.8655	70	-0.9245	124	-0.1075
20	-0.8475	71	-0.8875	125	-0.1285
21	-0.8125	72	-0.8755	126	-0.1005
22	-0.7855	73	-0.8315	127	-0.1225
23	-0.7385	74	-0.7545	128	-0.1005
24	-0.6525	75	-0.8695	129	-0.1925
25	-0.5145	76	-0.8545	135	-0.0535
26	-0.3365	77	-0.8335	136	-0.0975
27	-0.2125	78	-0.8055	137	-0.0985
28	-0.2525	79	-0.7825	138	0.0405
29	-0.4085	80	-0.7525	139	0.0345
30	-0.9895	81	-0.7255	140	0.0415
32	-0.9265	82	-0.7015	141	0.2135
33	-0.8745	83	-0.6805	142	0.1955
34	-0.8085	84	-0.7945	143	0.1915
35	-0.7545	85	-0.7765	145	-0.1025
36	-0.6845	86	-0.7535	147	0.1935
37	-0.6175	87	-0.7365	151	-0.0235
38	-0.5135	88	-0.7195	152	-0.2165
39	-0.4215	89	-0.6935	153	-0.2835
40	-0.3675	90	-0.7425	154	-0.3135
41	-0.4045	91	-0.7325	155	-0.0925
42	-0.4765	92	-0.7285	156	-0.1305
43	-1.0425	93	-0.7105	157	-0.2375
44	-1.0485	94	-0.6855	158	0.0735
45	-1.0265	95	-0.6855	159	-0.0505
46	-0.9955	96	0.2855	160	-0.1235
47	-0.9545	97	-0.2475	161	-0.2075
48	-0.8945	98	0.4805	162	0.1465
49	-0.8165	99	0.3915	163	0.0255
50	-0.7165	100	-0.1635	164	0.0535
51	-0.6245	101	-0.6115	165	-0.1775

ORF	CP	ORF	CP	ORF	CP
166	0.2415	217	-0.0575	268	-0.4945
167	0.1105	218	-0.0375	269	-0.2145
168	0.0715	219	-0.0395	270	-0.1545
169	-0.0345	220	-0.0645	271	-0.5635
170	-0.0065	221	-0.3605	272	-0.4595
171	0.0085	222	-0.3355	273	-0.0985
172	-0.1695	223	-0.0095	274	-0.1045
173	-0.0965	224	0.1115	275	0.3245
174	-0.2365	225	0.2415	276	-0.0785
175	-0.3745	226	0.0875	277	-0.1145
176	-0.4175	227	-0.5615	278	-0.9815
177	-0.2765	228	-0.5315	279	-0.9195
178	-0.2955	229	-0.5145	280	-0.8265
179	-0.2295	230	-0.4165	281	-0.7075
180	-0.3335	231	-0.2125	282	-0.6185
181	0.1045	232	-0.1285	283	-0.6355
182	0.2465	233	-0.0915	284	-0.4735
183	0.3275	234	-0.0885	285	-0.1635
184	0.5275	235	-0.2175	286	-0.6005
185	0.6065	236	-0.1795	287	-0.4275
186	0.6205	237	0.0275	288	-0.0705
187	0.7415	238	0.0145	289	-0.0815
188	0.7985	239	0.2275	290	-0.2905
189	0.8175	240	0.1095	291	-0.8385
190	0.6115	241	-0.8925	292	0.2435
191	-0.3485	242	-0.7675	325	0.0855
192	-0.3395	244	-0.4665	326	0.0845
193	-0.3375	245	-0.3205	327	0.0905
194	-0.3395	246	-0.2725	328	0.0855
195	-0.3555	247	-0.2115	329	0.0845
196	-0.3525	248	-0.1335	330	0.0855
197	-0.3415	249	-0.1385	331	0.0865
198	-0.3415	250	0.0925	332	0.0935
199	-0.3435	251	-0.4045	333	0.0895
200	-0.3615	252	-0.4265	334	0.0885
201	-0.3485	253	0.2105	335	0.0885
202	-0.3495	254	0.1095	336	0.0845
203	-0.3445	255	-0.9955	337	0.0855
204	-0.3485	256	-0.9135	338	0.0855
205	0.2005	257	-0.8315	339	0.0905
206	0.3225	258	-0.6725	340	0.0825
207	0.2165	259	-0.6355	341	0.0845
208	0.2395	260	-0.5695	350	0.0745
210	0.2365	261	-0.4015	351	0.0705
211	0.2065	262	-0.1445	352	0.0695
212	0.0915	263	-0.3675	353	0.0705
213	-0.5785	264	-0.3675	354	0.0715
214	-0.4725	265	-0.3485	355	0.0695
215	-0.3705	266	-0.2415		
216	-0.1615	267	-0.4195		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 889
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.047
TUNNEL DYNAMIC PRESSURE(PSF) = 714.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 930.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -8.07
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9345
247	0.9335
347	0.9345
447	0.9345
547	0.9315
647	0.9315
747	0.9305

ORF	CP	ORF	CP	ORF	CP
1	-0.2405	52	-0.1435	102	-0.5425
2	-0.5495	53	-0.3285	103	-0.8135
3	-0.6315	54	-0.3925	104	-0.7745
4	-0.6065	55	-0.9535	105	-0.6845
5	-0.5525	56	-0.9095	110	-0.1685
6	-0.4895	57	-0.8295	111	-0.1915
7	-0.4065	58	-0.7425	112	-0.1475
8	-0.3235	59	-0.6585	113	-0.1615
9	-0.2205	60	-0.5715	114	0.0675
10	-0.1485	61	-0.4845	115	0.0645
11	-0.1105	62	-0.3355	116	0.0645
12	-0.0855	63	-0.2275	117	0.0665
13	-0.0865	64	-0.3465	118	0.0645
14	-0.2215	65	-0.3515	119	0.0645
15	-0.3465	66	-0.8565	120	-0.1395
16	-0.5835	67	-0.8815	121	0.0645
17	-0.6335	68	-0.8565	122	0.0675
18	-0.6355	69	-0.8125	123	0.0685
19	-0.6115	70	-0.7685	124	-0.0865
20	-0.5615	71	-0.7255	125	-0.0975
21	-0.4915	72	-0.7015	126	-0.0735
22	-0.3975	73	-0.6435	127	-0.0805
23	-0.3225	74	-0.5795	128	-0.0495
24	-0.2285	75	-0.7865	129	-0.1655
25	-0.1585	76	-0.8115	135	-0.0535
26	-0.1185	77	-0.8205	136	-0.0545
27	-0.1215	78	-0.8075	137	-0.0505
28	-0.2215	79	-0.7965	138	0.0255
29	-0.3635	80	-0.7975	139	0.0145
30	-0.8115	81	-0.8065	140	0.0285
32	-0.6535	82	-0.7135	141	0.2155
33	-0.5765	83	-0.6335	142	0.2065
34	-0.5015	84	-0.7905	143	0.1915
35	-0.3875	85	-0.8045	145	-0.0545
36	-0.2885	86	-0.8185	147	0.2055
37	-0.2085	87	-0.7865	151	0.0085
38	-0.1605	88	-0.7355	152	-0.2145
39	-0.1435	89	-0.6715	153	-0.2885
40	-0.1575	90	-0.7185	154	-0.3275
41	-0.2605	91	-0.6905	155	-0.0385
42	-0.3985	92	-0.6875	156	-0.0575
43	-0.9375	93	-0.6955	157	-0.1945
44	-0.8725	94	-0.6835	158	0.1335
45	-0.7935	95	-0.6225	159	0.0255
46	-0.6935	96	0.1645	160	-0.0485
47	-0.5655	97	-0.2835	161	-0.1545
48	-0.4365	98	0.3885	162	0.2115
49	-0.2905	99	0.3295	163	0.0815
50	-0.1795	100	-0.2255	164	0.0115
51	-0.1315	101	-0.5935	165	-0.1385

ORF	CP	ORF	CP	ORF	CP
166	0.2685	217	-0.0945	268	-0.4745
167	0.1245	218	-0.0035	269	-0.2445
168	0.0955	219	0.0205	270	-0.2055
169	-0.0115	220	-0.0035	271	-0.5435
170	0.0125	221	-0.3025	272	-0.4465
171	0.0405	222	-0.2795	273	-0.1435
172	-0.1505	223	0.0555	274	-0.1455
173	-0.0355	224	0.1585	275	0.4045
174	-0.2005	225	0.2595	276	0.1695
175	-0.3405	226	0.1225	277	0.0475
176	-0.4185	227	-0.5845	278	-0.9575
177	-0.2425	228	-0.5695	279	-0.8825
178	-0.3265	229	-0.5365	280	-0.7595
179	-0.2395	230	-0.4285	281	-0.5935
180	-0.3365	231	-0.2095	282	-0.5145
181	0.2195	232	-0.0785	283	-0.4565
182	0.3365	233	-0.0115	284	-0.1665
183	0.3245	234	-0.0065	285	-0.0945
184	0.4805	235	-0.1415	286	-0.5775
185	0.5285	236	-0.1315	287	-0.3315
186	0.6045	237	0.0515	288	-0.1135
187	0.6865	238	0.0775	289	-0.1475
188	0.7515	239	0.3375	290	-0.3195
189	0.7935	240	0.2385	291	-0.8435
190	0.5285	241	-0.9825	292	0.1955
191	-0.3405	242	-0.8875	325	0.0795
192	-0.3395	244	-0.6175	326	0.0805
193	-0.3425	245	-0.2925	327	0.0785
194	-0.3415	246	-0.1735	328	0.0785
195	-0.3585	247	-0.0845	329	0.0815
196	-0.3545	248	-0.0295	330	0.0815
197	-0.3405	249	-0.0625	331	0.0815
198	-0.3395	250	0.0815	332	0.0795
199	-0.3415	251	-0.4055	333	0.0805
200	-0.3525	252	-0.4345	334	0.0815
201	-0.3425	253	0.2685	335	0.0835
202	-0.3445	254	0.1355	336	0.0795
203	-0.3445	255	-1.0115	337	0.0805
204	-0.3475	256	-0.9415	338	0.0805
205	0.3325	257	-0.8735	339	0.0795
206	0.4075	258	-0.6675	340	0.0795
207	0.3635	259	-0.5055	341	0.0835
208	0.3605	260	-0.3485	350	0.0685
210	0.3645	261	-0.1575	351	0.0685
211	0.2085	262	-0.0645	352	0.0665
212	0.0815	263	-0.2825	353	0.0655
213	-0.5135	264	-0.3325	354	0.0675
214	-0.4865	265	-0.3515	355	0.0665
215	-0.4395	266	-0.2885		
216	-0.2895	267	-0.3645		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 890
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 716.
TUNNEL STAGNATION PRESSURE(PSF) = 1862.
TUNNEL STATIC PRESSURE(PSF) = 926.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -6.02
FIN ANGLE(DEG) = -0.23
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9377
247	0.9357
347	0.9367
447	0.9377
547	0.9377
647	0.9367
747	0.9367

ORF	CP	ORF	CP	ORF	CP
1	-0.0603	52	-0.0843	102	-0.4843
2	-0.4003	53	-0.2933	103	-0.8143
3	-0.5883	54	-0.3773	104	-0.7663
4	-0.4783	55	-0.8083	105	-0.6803
5	-0.3783	56	-0.7073	110	-0.1653
6	-0.2653	57	-0.6113	111	-0.1893
7	-0.1823	58	-0.5023	112	-0.1373
8	-0.1223	59	-0.3313	113	-0.1413
9	-0.0863	60	-0.1013	114	0.0747
10	-0.0533	61	0.0207	115	0.0757
11	-0.0423	62	0.0107	116	0.0777
12	-0.0443	63	-0.0543	117	0.0737
13	-0.0633	64	-0.3943	118	0.0737
14	-0.1973	65	-0.3843	119	0.0727
15	-0.3133	66	-0.6503	120	-0.1343
16	-0.4343	67	-0.6773	121	0.0707
17	-0.5053	68	-0.6213	122	0.0727
18	-0.5173	69	-0.5713	123	0.0747
19	-0.4113	70	-0.4953	124	-0.0633
20	-0.3143	71	-0.3763	125	-0.0833
21	-0.1913	72	-0.1873	126	-0.0413
22	-0.1513	73	-0.0873	127	-0.0673
23	-0.0963	74	-0.3133	128	-0.0263
24	-0.0643	75	-0.5583	129	-0.1593
25	-0.0473	76	-0.5953	135	-0.0323
26	-0.0483	77	-0.5913	136	-0.0303
27	-0.0823	78	-0.5653	137	-0.0263
28	-0.2063	79	-0.5483	138	0.0157
29	-0.3353	80	-0.5153	139	0.0177
30	-0.6623	81	-0.4723	140	0.0247
32	-0.4463	82	-0.5013	141	0.2227
33	-0.3363	83	-0.4243	142	0.2187
34	-0.2343	84	-0.5333	143	0.2097
35	-0.1333	85	-0.5443	145	-0.0313
36	-0.0853	86	-0.5663	147	0.2167
37	-0.0533	87	-0.5673	151	0.0297
38	-0.0473	88	-0.5743	152	-0.1993
39	-0.0583	89	-0.6253	153	-0.2813
40	-0.0933	90	-0.4793	154	-0.3393
41	-0.2023	91	-0.4823	155	-0.0363
42	-0.3563	92	-0.5103	156	-0.0023
43	-0.7903	93	-0.5453	157	-0.1573
44	-0.6703	94	-0.5863	158	0.1927
45	-0.5233	95	-0.6283	159	0.0717
46	-0.3463	96	0.1067	160	-0.0073
47	-0.1953	97	-0.2933	161	-0.1203
48	-0.0773	98	0.3397	162	0.2277
49	-0.0313	99	0.2967	163	0.0987
50	-0.0163	100	-0.2053	164	0.0107
51	-0.0343	101	-0.5483	165	-0.1203

ORF	CP	ORF	CP	ORF	CP
166	0.2987	217	-0.0883	268	-0.4043
167	0.1207	218	0.0167	269	-0.2363
168	0.0947	219	0.0517	270	-0.2033
169	-0.0153	220	0.0287	271	-0.5003
170	0.0567	221	-0.2673	272	-0.3803
171	0.0327	222	-0.2333	273	-0.1413
172	-0.1503	223	0.1087	274	-0.1563
173	-0.0163	224	0.2057	275	0.4347
174	-0.1763	225	0.2877	276	0.2587
175	-0.3123	226	0.1507	277	0.1157
176	-0.4053	227	-0.4913	278	-0.9313
177	-0.2083	228	-0.4673	279	-0.8713
178	-0.2883	229	-0.4733	280	-0.7513
179	-0.2363	230	-0.3843	281	-0.5523
180	-0.3343	231	-0.1813	282	-0.3873
181	0.2887	232	-0.0223	283	-0.2443
182	0.3967	233	0.0337	284	-0.0733
183	0.3627	234	0.0267	285	-0.0463
184	0.5027	235	-0.1033	286	-0.5313
185	0.5577	236	-0.0943	287	-0.2483
186	0.6197	237	0.0797	288	-0.1123
187	0.6947	238	0.1117	289	-0.1593
188	0.7657	239	0.3957	290	-0.3163
189	0.8357	240	0.2807	291	-0.8403
190	0.4487	241	-0.9523	292	0.1627
191	-0.3353	242	-0.8683	325	0.0817
192	-0.3373	244	-0.5523	326	0.0817
193	-0.3313	245	-0.2173	327	0.0787
194	-0.3383	246	-0.0923	328	0.0797
195	-0.3403	247	-0.0093	329	0.0807
196	-0.3453	248	0.0257	330	0.0807
197	-0.3353	249	-0.0173	331	0.0837
198	-0.3343	250	0.0817	332	0.0817
199	-0.3413	251	-0.3863	333	0.0807
200	-0.3453	252	-0.4233	334	0.0817
201	-0.3413	253	0.3157	335	0.0827
202	-0.3403	254	0.1717	336	0.0827
203	-0.3413	255	-1.0053	337	0.0817
204	-0.3383	256	-0.9413	338	0.0817
205	0.3667	257	-0.8683	339	0.0787
206	0.4177	258	-0.6683	340	0.0797
207	0.3997	259	-0.3153	341	0.0807
208	0.3967	260	-0.1583	350	0.0727
210	0.4057	261	-0.0543	351	0.0767
211	0.2367	262	-0.0083	352	0.0737
212	0.1177	263	-0.2293	353	0.0727
213	-0.4823	264	-0.2743	354	0.0737
214	-0.4603	265	-0.3203	355	0.0737
215	-0.4363	266	-0.2893		
216	-0.3093	267	-0.3123		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 891
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 714.
TUNNEL STAGNATION PRESSURE(PSF) = 1860.
TUNNEL STATIC PRESSURE(PSF) = 928.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = -0.23
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9383
247	0.9383
347	0.9383
447	0.9383
547	0.9363
647	0.9363
747	0.9363

ORF	CP	ORF	CP	ORF	CP
1	0.0853	52	-0.0647	102	-0.4737
2	-0.3297	53	-0.2757	103	-0.8057
3	-0.5847	54	-0.4037	104	-0.7667
4	-0.4107	55	-0.6507	105	-0.6667
5	-0.2957	56	-0.4137	110	-0.1787
6	-0.1737	57	-0.1427	111	-0.2017
7	-0.0887	58	0.0823	112	-0.1417
8	-0.0377	59	0.0963	113	-0.1387
9	0.0003	60	0.0523	114	0.0683
10	0.0203	61	0.0133	115	0.0693
11	0.0263	62	-0.0257	116	0.0673
12	0.0203	63	-0.0807	117	0.0643
13	-0.0087	64	-0.4267	118	0.0663
14	-0.1547	65	-0.4137	119	0.0663
15	-0.2807	66	-0.4307	120	-0.1597
16	-0.2667	67	-0.4087	121	0.0633
17	-0.4267	68	-0.3227	122	0.0673
18	-0.4377	69	-0.1547	123	0.0683
19	-0.2717	70	-0.0137	124	-0.0637
20	-0.1577	71	0.0303	125	-0.0847
21	-0.0607	72	-0.0037	126	-0.0457
22	-0.0097	73	-0.0767	127	-0.0697
23	0.0163	74	-0.4157	128	-0.0267
24	0.0313	75	-0.3457	129	-0.1807
25	0.0273	76	-0.3327	135	-0.0307
26	0.0003	77	-0.2897	136	-0.0257
27	-0.0317	78	-0.2347	137	-0.0247
28	-0.1737	79	-0.1847	138	0.0203
29	-0.3117	80	-0.1767	139	0.0213
30	-0.3937	81	-0.2437	140	0.0163
32	-0.3617	82	-0.3617	141	0.2183
33	-0.1587	83	-0.3267	142	0.2153
34	-0.0437	84	-0.3757	143	0.2103
35	0.0203	85	-0.3297	145	-0.0267
36	0.0413	86	-0.2417	147	0.2143
37	0.0473	87	-0.1737	151	0.0223
38	0.0383	88	-0.2137	152	-0.1907
39	0.0023	89	-0.3697	153	-0.2697
40	-0.0417	90	-0.3957	154	-0.3687
41	-0.1637	91	-0.3897	155	0.0453
42	-0.3447	92	-0.3457	156	0.0593
43	-0.5607	93	-0.2747	157	-0.1157
44	-0.3917	94	-0.2567	158	0.2503
45	-0.1407	95	-0.3727	159	0.1053
46	0.0153	96	-0.0047	160	0.0313
47	0.0733	97	-0.3257	161	-0.0887
48	0.0773	98	0.2783	162	0.2453
49	0.0483	99	0.2473	163	0.1263
50	0.0273	100	-0.1947	164	0.0153
51	-0.0147	101	-0.5447	165	-0.1017

ORF	CP	ORF	CP	ORF	CP
166	0.3353	217	-0.0757	268	-0.3887
167	0.1373	218	0.0293	269	-0.2277
168	0.1113	219	0.0673	270	-0.1907
169	-0.0007	220	0.0473	271	-0.4887
170	0.0913	221	-0.2647	272	-0.3967
171	0.0313	222	-0.2347	273	-0.1307
172	-0.1537	223	0.1393	274	-0.1517
173	-0.0107	224	0.2233	275	0.4563
174	-0.1667	225	0.3023	276	0.3233
175	-0.3067	226	0.1613	277	0.1763
176	-0.4147	227	-0.4527	278	-0.9177
177	-0.1917	228	-0.4387	279	-0.8667
178	-0.2907	229	-0.4347	280	-0.7557
179	-0.2407	230	-0.3607	281	-0.5357
180	-0.3397	231	-0.1497	282	-0.3047
181	0.3053	232	-0.0177	283	-0.1387
182	0.4273	233	0.0543	284	0.0083
183	0.3783	234	0.0483	285	0.0063
184	0.5253	235	-0.0867	286	-0.5227
185	0.5573	236	-0.0837	287	-0.2467
186	0.5853	237	0.0893	288	-0.1007
187	0.6463	238	0.1163	289	-0.1597
188	0.7383	239	0.4263	290	-0.3197
189	0.7873	240	0.3023	291	-0.7927
190	0.3963	241	-0.9467	292	0.1153
191	-0.3397	242	-0.8617	325	0.0813
192	-0.3407	244	-0.5107	326	0.0823
193	-0.3387	245	-0.2017	327	0.0783
194	-0.3397	246	-0.0497	328	0.0783
195	-0.3457	247	0.0453	329	0.0803
196	-0.3457	248	0.0673	330	0.0843
197	-0.3457	249	0.0113	331	0.0843
198	-0.3397	250	0.0833	332	0.0803
199	-0.3407	251	-0.3747	333	0.0803
200	-0.3397	252	-0.4247	334	0.0803
201	-0.3427	253	0.3803	335	0.0863
202	-0.3367	254	0.2263	336	0.0803
203	-0.3407	255	-1.0017	337	0.0813
204	-0.3427	256	-0.9367	338	0.0823
205	0.3793	257	-0.8737	339	0.0793
206	0.4183	258	-0.7217	340	0.0783
207	0.4093	259	-0.2477	341	0.0813
208	0.4143	260	-0.0697	350	0.0663
210	0.4363	261	0.0283	351	0.0673
211	0.2683	262	0.0503	352	0.0733
212	0.1463	263	-0.2057	353	0.0703
213	-0.4807	264	-0.2417	354	0.0693
214	-0.4647	265	-0.3067	355	0.0653
215	-0.4257	266	-0.2827		
216	-0.3017	267	-0.2877		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 892
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 715.
TUNNEL STAGNATION PRESSURE(PSF) = 1860.
TUNNEL STATIC PRESSURE(PSF) = 926.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -1.94
FIN ANGLE(DEG) = -0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9409
247	0.9399
347	0.9399
447	0.9399
547	0.9409
647	0.9419
747	0.9409

ORF	CP	ORF	CP	ORF	CP
1	0.1749	52	-0.0141	102	-0.4661
2	-0.2791	53	-0.2311	103	-0.7821
3	-0.5731	54	-0.3761	104	-0.7561
4	-0.3171	55	-0.0731	105	-0.6511
5	-0.1211	56	0.0719	110	-0.1691
6	-0.0131	57	0.1159	111	-0.1971
7	0.0449	58	0.1049	112	-0.1251
8	0.0639	59	0.0929	113	-0.1331
9	0.0789	60	0.0779	114	0.0789
10	0.0819	61	0.0539	115	0.0779
11	0.0799	62	0.0229	116	0.0779
12	0.0659	63	-0.0341	117	0.0789
13	0.0269	64	-0.3971	118	0.0769
14	-0.1161	65	-0.3901	119	0.0759
15	-0.2431	66	-0.0751	120	-0.1511
16	-0.1671	67	0.0749	121	0.0779
17	-0.3671	68	0.0929	122	0.0779
18	-0.3321	69	0.0789	123	0.0779
19	-0.0591	70	0.0589	124	-0.0491
20	0.0369	71	0.0329	125	-0.0691
21	0.0799	72	-0.0081	126	-0.0161
22	0.0869	73	-0.0881	127	-0.0491
23	0.0889	74	-0.3981	128	-0.0621
24	0.0869	75	-0.0731	129	-0.1871
25	0.0749	76	0.0689	135	-0.0141
26	0.0549	77	0.0599	136	-0.0131
27	0.0039	78	0.0379	137	-0.0101
28	-0.1291	79	0.0019	138	0.0339
29	-0.2721	80	-0.0251	139	0.0329
30	-0.2321	81	-0.1411	140	0.0339
32	-0.0111	82	-0.3961	141	0.2179
33	0.0909	83	-0.0611	142	0.2159
34	0.1069	84	0.0309	143	0.2199
35	0.0969	85	0.0159	145	-0.0101
36	0.0969	86	0.0139	147	0.2189
37	0.0919	87	-0.0181	151	-0.0011
38	0.0749	88	-0.1061	152	-0.1621
39	0.0509	89	-0.4061	153	-0.2871
40	0.0039	90	-0.1231	154	-0.4061
41	-0.1201	91	0.0249	155	0.2169
42	-0.3091	92	0.0099	156	0.1009
43	-0.1391	93	-0.0271	157	-0.0781
44	0.1229	94	-0.0941	158	0.3679
45	0.1229	95	-0.4011	159	0.1999
46	0.1129	96	-0.1521	160	0.1219
47	0.1039	97	-0.3461	161	-0.0061
48	0.0969	98	0.2219	162	0.3219
49	0.0839	99	0.1819	163	0.1999
50	0.0659	100	-0.1411	164	0.0389
51	0.0359	101	-0.5391	165	-0.0511

ORF	CP	ORF	CP	ORF	CP
166	0.4219	217	-0.0441	268	-0.3701
167	0.1799	218	0.0509	269	-0.2201
168	0.1629	219	0.0929	270	-0.1751
169	0.0389	220	0.0669	271	-0.4791
170	0.2209	221	-0.2401	272	-0.4421
171	0.0419	222	-0.2281	273	-0.1191
172	-0.1491	223	0.1949	274	-0.1441
173	-0.0211	224	0.2759	275	0.4909
174	-0.1521	225	0.3149	276	0.4049
175	-0.3541	226	0.1739	277	0.2589
176	-0.4061	227	-0.3701	278	-0.8911
177	-0.1911	228	-0.3641	279	-0.8441
178	-0.2971	229	-0.3571	280	-0.7411
179	-0.1971	230	-0.3001	281	-0.5021
180	-0.3361	231	-0.0761	282	-0.1631
181	0.2849	232	0.0349	283	-0.0001
182	0.4169	233	0.0789	284	0.0859
183	0.4429	234	0.0699	285	0.0559
184	0.6319	235	-0.0671	286	-0.5191
185	0.6839	236	-0.0671	287	-0.2531
186	0.6909	237	0.1219	288	-0.0761
187	0.7229	238	0.1249	289	-0.1471
188	0.7569	239	0.3839	290	-0.3161
189	0.7909	240	0.2619	291	-0.5721
190	0.3959	241	-0.6021	292	0.0839
191	-0.3361	242	-0.5701	325	0.0819
192	-0.3331	244	-0.3521	326	0.0859
193	-0.3381	245	-0.1151	327	0.0869
194	-0.3431	246	0.0079	328	0.0859
195	-0.3401	247	0.0829	329	0.0879
196	-0.3451	248	0.0899	330	0.0849
197	-0.3381	249	0.0319	331	0.0869
198	-0.3391	250	0.0879	332	0.0889
199	-0.3401	251	-0.3451	333	0.0879
200	-0.3421	252	-0.4161	334	0.0879
201	-0.3391	253	0.4249	335	0.0869
202	-0.3331	254	0.2819	336	0.0849
203	-0.3411	255	-0.9621	337	0.0819
204	-0.3441	256	-0.8771	338	0.0859
205	0.3879	257	-0.7871	339	0.0869
206	0.4119	258	-0.5401	340	0.0869
207	0.4149	259	-0.1601	341	0.0869
208	0.4229	260	0.0109	350	0.0799
210	0.4549	261	0.0889	351	0.0779
211	0.3339	262	0.0949	352	0.0779
212	0.2129	263	-0.1711	353	0.0769
213	-0.4651	264	-0.2161	354	0.0769
214	-0.4251	265	-0.2961	355	0.0759
215	-0.3851	266	-0.2721		
216	-0.2861	267	-0.2501		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 893
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 714.
TUNNEL STAGNATION PRESSURE(PSF) = 1860.
TUNNEL STATIC PRESSURE(PSF) = 928.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.12
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9403
247	0.9393
347	0.9393
447	0.9403
547	0.9423
647	0.9423
747	0.9413

ORF	CP	ORF	CP	ORF	CP
1	0.1723	52	0.0213	102	-0.4977
2	-0.2027	53	-0.1997	103	-0.7737
3	-0.2617	54	-0.3627	104	-0.7527
4	-0.1387	55	0.2103	105	-0.6527
5	-0.0407	56	0.1923	110	-0.1847
6	0.0313	57	0.1813	111	-0.2157
7	0.0673	58	0.1623	112	-0.1357
8	0.0873	59	0.1403	113	-0.1467
9	0.0993	60	0.1243	114	0.0723
10	0.1033	61	0.0973	115	0.0713
11	0.0953	62	0.0583	116	0.0703
12	0.0803	63	0.0003	117	0.0743
13	0.0453	64	-0.3717	118	0.0723
14	-0.0967	65	-0.3727	119	0.0733
15	-0.2177	66	0.2133	120	-0.1687
16	-0.0787	67	0.1903	121	0.0673
17	-0.1147	68	0.1673	122	0.0723
18	-0.0107	69	0.1483	123	0.0723
19	0.0383	70	0.1173	124	-0.0517
20	0.0713	71	0.0883	125	-0.0697
21	0.0953	72	0.0413	126	-0.0167
22	0.1073	73	-0.0417	127	-0.0447
23	0.1103	74	-0.3927	128	-0.0157
24	0.1043	75	0.2103	129	-0.1967
25	0.1003	76	0.1733	135	-0.0187
26	0.0773	77	0.1393	136	-0.0147
27	0.0343	78	0.1003	137	-0.0157
28	-0.0987	79	0.0523	138	0.0253
29	-0.2477	80	0.0073	139	0.0283
30	0.0343	81	-0.1127	140	0.0213
32	0.1003	82	-0.4047	141	0.2143
33	0.1153	83	0.1743	142	0.2143
34	0.1233	84	0.1403	143	0.2143
35	0.1263	85	0.0783	145	-0.0187
36	0.1223	86	0.0453	147	0.2123
37	0.1153	87	-0.0027	151	-0.0047
38	0.1063	88	-0.0877	152	-0.1617
39	0.0833	89	-0.4167	153	-0.3117
40	0.0383	90	0.0853	154	-0.4087
41	-0.0727	91	0.0673	155	0.2483
42	-0.3007	92	0.0243	156	0.1373
43	0.1733	93	-0.0137	157	-0.0537
44	0.1633	94	-0.0777	158	0.4763
45	0.1563	95	-0.4197	159	0.2613
46	0.1543	96	-0.2717	160	0.1813
47	0.1483	97	-0.3697	161	0.0683
48	0.1383	98	0.1593	162	0.3893
49	0.1223	99	0.1293	163	0.2693
50	0.1013	100	-0.1077	164	0.0243
51	0.0713	101	-0.5637	165	-0.0017

ORF	CP	ORF	CP	ORF	CP
166	0.4333	217	-0.0887	268	-0.3647
167	0.2673	218	0.0413	269	-0.2607
168	0.2293	219	0.1043	270	-0.2007
169	0.0943	220	0.0883	271	-0.4957
170	0.2313	221	-0.2207	272	-0.4887
171	0.1233	222	-0.2277	273	-0.1537
172	-0.1047	223	0.2203	274	-0.1457
173	0.0383	224	0.3053	275	0.4853
174	-0.1277	225	0.3693	276	0.4023
175	-0.3307	226	0.2403	277	0.2693
176	-0.4537	227	-0.4247	278	-0.5367
177	-0.2077	228	-0.4237	279	-0.5117
178	-0.3297	229	-0.3917	280	-0.4587
179	-0.2147	230	-0.3257	281	-0.3147
180	-0.3397	231	-0.1177	282	-0.0897
181	0.3253	232	0.0313	283	0.0403
182	0.4723	233	0.0963	284	0.1093
183	0.4963	234	0.0863	285	0.0703
184	0.7013	235	-0.0677	286	-0.5507
185	0.7903	236	-0.0487	287	-0.2687
186	0.8783	237	0.1603	288	-0.0677
187	0.9713	238	0.1783	289	-0.1297
188	1.0373	239	0.3713	290	-0.3307
189	1.0303	240	0.2493	291	-0.3967
190	0.3513	241	-0.4407	292	0.0793
191	-0.3407	242	-0.4327	325	0.0873
192	-0.3397	244	-0.2257	326	0.0893
193	-0.3437	245	-0.0267	327	0.0883
194	-0.3427	246	0.0463	328	0.0883
195	-0.3417	247	0.0863	329	0.0853
196	-0.3497	248	0.0843	330	0.0873
197	-0.3417	249	0.0323	331	0.0903
198	-0.3437	250	0.0903	332	0.0883
199	-0.3477	251	-0.3667	333	0.0883
200	-0.3467	252	-0.4187	334	0.0883
201	-0.3477	253	0.3573	335	0.0883
202	-0.3427	254	0.2133	336	0.0883
203	-0.3447	255	-0.4247	337	0.0883
204	-0.3387	256	-0.4167	338	0.0903
205	0.3653	257	-0.3877	339	0.0873
206	0.3903	258	-0.3087	340	0.0873
207	0.3863	259	-0.0917	341	0.0853
208	0.3903	260	0.0383	350	0.0703
210	0.4803	261	0.0973	351	0.0703
211	0.4173	262	0.0883	352	0.0683
212	0.2723	263	-0.1417	353	0.0723
213	-0.5297	264	-0.2277	354	0.0733
214	-0.4947	265	-0.3327	355	0.0733
215	-0.4277	266	-0.2947		
216	-0.2967	267	-0.2227		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 894
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 716.
TUNNEL STAGNATION PRESSURE(PSF) = 1861.
TUNNEL STATIC PRESSURE(PSF) = 925.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = -0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9411
247	0.9401
347	0.9411
447	0.9411
547	0.9471
647	0.9471
747	0.9461

ORF	CP	ORF	CP	ORF	CP
1	0.1541	52	0.0381	102	-0.4869
2	-0.0989	53	-0.1819	103	-0.7849
3	-0.1169	54	-0.3109	104	-0.7569
4	-0.0169	55	0.3091	105	-0.6559
5	0.0511	56	0.2671	110	-0.1729
6	0.0931	57	0.2451	111	-0.2049
7	0.1131	58	0.2201	112	-0.1209
8	0.1201	59	0.1931	113	-0.1269
9	0.1271	60	0.1681	114	0.0871
10	0.1211	61	0.1351	115	0.0871
11	0.1121	62	0.0941	116	0.0841
12	0.0941	63	0.0311	117	0.0861
13	0.0581	64	-0.3589	118	0.0851
14	-0.0899	65	-0.3459	119	0.0851
15	-0.1949	66	0.3101	120	-0.1589
16	0.0381	67	0.2621	121	0.0801
17	0.0361	68	0.2251	122	0.0871
18	0.0701	69	0.1941	123	0.0881
19	0.0991	70	0.1621	124	-0.0319
20	0.1151	71	0.1261	125	-0.0469
21	0.1311	72	0.0781	126	0.0081
22	0.1361	73	-0.0049	127	-0.0239
23	0.1371	74	-0.3729	128	-0.1169
24	0.1301	75	0.3041	129	-0.2109
25	0.1141	76	0.2551	135	-0.0059
26	0.0891	77	0.2091	136	-0.0049
27	0.0411	78	0.1611	137	-0.0029
28	-0.0919	79	0.1051	138	0.0631
29	-0.2149	80	0.0361	139	0.0451
30	0.1371	81	-0.0889	140	0.0501
32	0.1571	82	-0.3909	141	0.2201
33	0.1591	83	0.2551	142	0.2311
34	0.1601	84	0.2051	143	0.2321
35	0.1591	85	0.1281	145	-0.0039
36	0.1561	86	0.0551	147	0.2291
37	0.1441	87	0.0001	151	-0.0159
38	0.1241	88	-0.0869	152	-0.1399
39	0.0971	89	-0.4129	153	-0.3109
40	0.0481	90	0.1751	154	-0.3919
41	-0.0659	91	0.0481	155	0.2801
42	-0.2419	92	0.0141	156	0.1471
43	0.2531	93	-0.0219	157	-0.0339
44	0.2361	94	-0.0919	158	0.5471
45	0.2211	95	-0.4229	159	0.2671
46	0.2131	96	-0.5339	160	0.2281
47	0.1981	97	-0.3739	161	0.1201
48	0.1821	98	0.0981	162	0.4191
49	0.1551	99	0.0551	163	0.3101
50	0.1301	100	-0.1169	164	0.0571
51	0.0951	101	-0.5429	165	0.0341

ORF	CP	ORF	CP	ORF	CP
166	0.4251	217	-0.1459	268	-0.3389
167	0.3201	218	0.0211	269	-0.2819
168	0.2651	219	0.1061	270	-0.2299
169	0.1281	220	0.0981	271	-0.4589
170	0.2171	221	-0.1919	272	-0.4529
171	0.1811	222	-0.2049	273	-0.1899
172	-0.0559	223	0.2701	274	-0.1749
173	0.1061	224	0.3431	275	0.4771
174	-0.0819	225	0.4491	276	0.3571
175	-0.2689	226	0.2941	277	0.2321
176	-0.4599	227	-0.7649	278	-0.4119
177	-0.2119	228	-0.6739	279	-0.4019
178	-0.3309	229	-0.6119	280	-0.3469
179	-0.1999	230	-0.4219	281	-0.1859
180	-0.3249	231	-0.1529	282	0.0451
181	0.3661	232	-0.0209	283	0.1031
182	0.5061	233	0.1071	284	0.1321
183	0.4871	234	0.1121	285	0.0811
184	0.7001	235	-0.0509	286	-0.5279
185	0.8201	236	-0.0099	287	-0.2579
186	0.8961	237	0.2051	288	-0.1119
187	1.0021	238	0.2431	289	-0.1439
188	1.0631	239	0.4281	290	-0.3329
189	1.1091	240	0.3121	291	-0.3799
190	0.2981	241	-0.5359	292	0.0711
191	-0.3239	242	-0.5149	325	0.0941
192	-0.3279	244	-0.3129	326	0.0921
193	-0.3269	245	-0.0749	327	0.0941
194	-0.3339	246	0.0451	328	0.0911
195	-0.3269	247	0.1071	329	0.0921
196	-0.3379	248	0.1121	330	0.0901
197	-0.3319	249	0.0601	331	0.0911
198	-0.3359	250	0.0951	332	0.0951
199	-0.3359	251	-0.3569	333	0.0931
200	-0.3309	252	-0.4109	334	0.0931
201	-0.3269	253	0.3591	335	0.0891
202	-0.3309	254	0.2181	336	0.0931
203	-0.3329	255	-0.3689	337	0.0951
204	-0.3309	256	-0.3639	338	0.0931
205	0.3571	257	-0.3409	339	0.0921
206	0.3911	258	-0.2259	340	0.0931
207	0.3781	259	-0.0089	341	0.0921
208	0.3731	260	0.0761	350	0.0821
210	0.5301	261	0.1091	351	0.0811
211	0.4581	262	0.0991	352	0.0851
212	0.3231	263	-0.1229	353	0.0901
213	-0.7249	264	-0.2139	354	0.0851
214	-0.6889	265	-0.3409	355	0.0831
215	-0.5949	266	-0.3149		
216	-0.4049	267	-0.2009		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 895
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.045
TUNNEL DYNAMIC PRESSURE(PSF) = 713.
TUNNEL STAGNATION PRESSURE(PSF) = 1861.
TUNNEL STATIC PRESSURE(PSF) = 932.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.36
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9368
247	0.9338
347	0.9358
447	0.9358
547	0.9288
647	0.9288
747	0.9288

ORF	CP	ORF	CP	ORF	CP
1	0.2098	52	0.0588	102	-0.4972
2	-0.0452	53	-0.1802	103	-0.8162
3	-0.0312	54	-0.2662	104	-0.7752
4	0.0568	55	0.3708	105	-0.6802
5	0.1028	56	0.3208	110	-0.1932
6	0.1228	57	0.2968	111	-0.2242
7	0.1478	58	0.2688	112	-0.1412
8	0.1558	59	0.2388	113	-0.1412
9	0.1548	60	0.2068	114	0.0568
10	0.1528	61	0.1678	115	0.0558
11	0.1438	62	0.1178	116	0.0568
12	0.1238	63	0.0418	117	0.0598
13	0.0848	64	-0.3552	118	0.0588
14	-0.0672	65	-0.3122	119	0.0568
15	-0.1732	66	0.3858	120	-0.1932
16	0.1508	67	0.3258	121	0.0538
17	0.1358	68	0.2798	122	0.0588
18	0.1428	69	0.2368	123	0.0578
19	0.1548	70	0.1988	124	-0.0662
20	0.1628	71	0.1578	125	-0.0902
21	0.1678	72	0.1038	126	-0.0092
22	0.1728	73	0.0048	127	-0.0582
23	0.1678	74	-0.3482	128	-0.0882
24	0.1608	75	0.3748	129	-0.2232
25	0.1448	76	0.3038	135	-0.0332
26	0.1168	77	0.2448	136	-0.0312
27	0.0688	78	0.1918	137	-0.0312
28	-0.0702	79	0.1338	138	0.0158
29	-0.1962	80	0.0578	139	0.0248
30	0.2488	81	-0.0912	140	0.0238
32	0.2168	82	-0.3872	141	0.1968
33	0.2128	83	0.3178	142	0.1998
34	0.2058	84	0.2568	143	0.2058
35	0.1978	85	0.1758	145	-0.0392
36	0.1918	86	0.0858	147	0.1978
37	0.1768	87	0.0028	151	0.0168
38	0.1548	88	-0.1082	152	-0.1262
39	0.1248	89	-0.4302	153	-0.2792
40	0.0718	90	0.2428	154	-0.3782
41	-0.0492	91	0.0718	155	0.2758
42	-0.2192	92	-0.0042	156	0.1678
43	0.3188	93	-0.0652	157	-0.0192
44	0.2858	94	-0.1502	158	0.5258
45	0.2648	95	-0.4692	159	0.2778
46	0.2568	96	-0.5942	160	0.2388
47	0.2398	97	-0.4082	161	0.1148
48	0.2188	98	-0.0892	162	0.4178
49	0.1938	99	-0.2692	163	0.3198
50	0.1618	100	-0.2562	164	0.0228
51	0.1218	101	-0.5512	165	0.0248

ORF	CP	ORF	CP	ORF	CP
166	0.4228	217	-0.2832	268	-0.3402
167	0.3278	218	-0.0032	269	-0.3032
168	0.2508	219	0.0968	270	-0.2562
169	0.1098	220	0.0968	271	-0.4562
170	0.1428	221	-0.1922	272	-0.4562
171	0.2118	222	-0.1952	273	-0.2172
172	-0.0382	223	0.2728	274	-0.2062
173	0.1548	224	0.3328	275	0.4248
174	-0.0672	225	0.4678	276	0.3598
175	-0.2302	226	0.3248	277	0.2418
176	-0.4732	227	-0.9862	278	-0.3542
177	-0.1832	228	-0.9362	279	-0.3122
178	-0.2952	229	-0.8722	280	-0.2222
179	-0.1602	230	-0.6902	281	-0.0172
180	-0.3502	231	-0.1812	282	0.1068
181	0.3448	232	0.0108	283	0.1298
182	0.4878	233	0.1108	284	0.1548
183	0.4918	234	0.1218	285	0.0978
184	0.7248	235	-0.0672	286	-0.5402
185	0.8278	236	-0.0062	287	-0.2672
186	0.9328	237	0.2248	288	-0.1432
187	1.0148	238	0.2698	289	-0.1672
188	1.0858	239	0.4648	290	-0.3642
189	1.1358	240	0.3648	291	-0.4132
190	0.2118	241	-0.7712	292	-0.0052
191	-0.3372	242	-0.7122	325	0.0718
192	-0.3412	244	-0.3762	326	0.0718
193	-0.3452	245	-0.1462	327	0.0718
194	-0.3452	246	0.0118	328	0.0688
195	-0.3412	247	0.1278	329	0.0738
196	-0.3602	248	0.1328	330	0.0718
197	-0.3532	249	0.0728	331	0.0718
198	-0.3622	250	0.0658	332	0.0728
199	-0.3542	251	-0.3822	333	0.0678
200	-0.3442	252	-0.4552	334	0.0748
201	-0.3502	253	0.3738	335	0.0738
202	-0.3432	254	0.2388	336	0.0719
203	-0.3452	255	-0.4372	337	0.0708
204	-0.3422	256	-0.4222	338	0.0718
205	0.3318	257	-0.3732	339	0.0718
206	0.3448	258	-0.2272	340	0.0688
207	0.3448	259	0.0138	341	0.0718
208	0.3438	260	0.0878	350	0.0578
210	0.5508	261	0.1348	351	0.0548
211	0.4238	262	0.1168	352	0.0548
212	0.2708	263	-0.1162	353	0.0568
213	-0.8352	264	-0.2072	354	0.0568
214	-0.8132	265	-0.3582	355	0.0548
215	-0.7472	266	-0.3452		
216	-0.5562	267	-0.1972		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 896
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 714.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 924.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 6.00
FIN ANGLE(DEG) = -0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9449
247	0.9439
347	0.9439
447	0.9449
547	0.9419
647	0.9429
747	0.9419

ORF	CP	ORF	CP	ORF	CP
1	0.2949	52	0.1099	102	-0.5061
2	0.1099	53	-0.1411	103	-0.8191
3	0.1249	54	-0.2231	104	-0.7731
4	0.1609	55	0.4519	105	-0.6881
5	0.1829	56	0.3969	110	-0.1861
6	0.1999	57	0.3609	111	-0.2171
7	0.2099	58	0.3289	112	-0.1321
8	0.2179	59	0.2939	113	-0.1361
9	0.2189	60	0.2619	114	0.0689
10	0.2159	61	0.2179	115	0.0669
11	0.2059	62	0.1619	116	0.0659
12	0.1849	63	0.0809	117	0.0669
13	0.1439	64	-0.3261	118	0.0649
14	-0.0141	65	-0.2621	119	0.0639
15	-0.1251	66	0.4489	120	-0.1941
16	0.2649	67	0.3839	121	0.0599
17	0.2299	68	0.3379	122	0.0689
18	0.2359	69	0.2929	123	0.0689
19	0.2309	70	0.2489	124	-0.0731
20	0.2389	71	0.2049	125	-0.0891
21	0.2409	72	0.1429	126	-0.0301
22	0.2429	73	0.0299	127	-0.0671
23	0.2389	74	-0.2981	128	-0.0351
24	0.2249	75	0.4329	129	-0.2291
25	0.2069	76	0.3579	135	-0.0431
26	0.1769	77	0.2949	136	-0.0371
27	0.1269	78	0.2349	137	-0.0371
28	-0.0161	79	0.1669	138	0.0349
29	-0.1531	80	0.0849	139	0.0349
30	0.3499	81	-0.0761	140	0.0369
32	0.3039	82	-0.3471	141	0.1989
33	0.2949	83	0.3709	142	0.1949
34	0.2789	84	0.3139	143	0.2089
35	0.2739	85	0.2239	145	-0.0391
36	0.2649	86	0.1279	147	0.1949
37	0.2459	87	0.0359	151	0.0859
38	0.2219	88	-0.0801	152	-0.0901
39	0.1889	89	-0.3921	153	-0.2111
40	0.1349	90	0.3039	154	-0.3671
41	0.0069	91	0.1169	155	0.2529
42	-0.1751	92	0.0179	156	0.2279
43	0.4199	93	-0.0571	157	0.0349
44	0.3789	94	-0.1551	158	0.5959
45	0.3479	95	-0.4601	159	0.3389
46	0.3299	96	-0.5911	160	0.3019
47	0.3079	97	-0.4021	161	0.1799
48	0.2859	98	-0.6061	162	0.4649
49	0.2559	99	-0.6051	163	0.3729
50	0.2239	100	-0.6101	164	0.0319
51	0.1779	101	-0.5581	165	0.0759

ORF	CP	ORF	CP	ORF	CP
166	0.4089	217	-0.3061	268	-0.3301
167	0.3489	218	-0.0401	269	-0.2851
168	0.2899	219	0.1059	270	-0.2401
169	0.1259	220	0.0999	271	-0.4471
170	0.2809	221	-0.1531	272	-0.4591
171	0.2019	222	-0.1701	273	-0.2071
172	-0.0411	223	0.3019	274	-0.1931
173	0.1569	224	0.3509	275	0.4199
174	-0.0371	225	0.4279	276	0.4179
175	-0.2231	226	0.2789	277	0.3139
176	-0.4731	227	-0.9911	278	-0.2301
177	-0.1211	228	-0.9321	279	-0.1301
178	-0.2581	229	-0.8651	280	0.0019
179	-0.1571	230	-0.6601	281	0.1279
180	-0.3331	231	-0.1671	282	0.1789
181	0.4139	232	0.0159	283	0.1999
182	0.5519	233	0.1139	284	0.2229
183	0.4449	234	0.1249	285	0.1579
184	0.6819	235	-0.0411	286	-0.5411
185	0.7999	236	0.0159	287	-0.2811
186	0.9379	237	0.2189	288	-0.1331
187	1.0459	238	0.2759	289	-0.1601
188	1.1179	239	0.5109	290	-0.3651
189	1.1619	240	0.3989	291	-0.4821
190	0.1709	241	-0.8421	292	-0.0571
191	-0.3231	242	-0.7391	325	0.0749
192	-0.3311	244	-0.3901	326	0.0759
193	-0.3281	245	-0.1241	327	0.0739
194	-0.3291	246	0.0259	328	0.0769
195	-0.3251	247	0.1419	329	0.0769
196	-0.3421	248	0.1579	330	0.0799
197	-0.3341	249	0.0979	331	0.0779
198	-0.3371	250	0.0769	332	0.0749
199	-0.3481	251	-0.3521	333	0.0779
200	-0.3261	252	-0.4461	334	0.0779
201	-0.3371	253	0.4429	335	0.0809
202	-0.3401	254	0.3049	336	0.0809
203	-0.3371	255	-0.4901	337	0.0749
204	-0.3261	256	-0.4361	338	0.0749
205	0.3099	257	-0.3811	339	0.0749
206	0.3179	258	-0.2251	340	0.0769
207	0.3219	259	0.0089	341	0.0759
208	0.3409	260	0.1339	350	0.0669
210	0.5499	261	0.1959	351	0.0669
211	0.3839	262	0.1829	352	0.0689
212	0.2539	263	-0.0861	353	0.0669
213	-0.8271	264	-0.1791	354	0.0679
214	-0.7921	265	-0.3451	355	0.0679
215	-0.7021	266	-0.3291		
216	-0.5421	267	-0.1681		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 897
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 712.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 927.
REYNOLDS NUMBER PER FOOT = 3.9730E 06
MODEL ANGLE OF ATTACK(DEG) = 7.96
FIN ANGLE(DEG) = -0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9420
247	0.9420
347	0.9420
447	0.9420
547	0.9450
647	0.9450
747	0.9450

ORF	CP	ORF	CP	ORF	CP
1	0.3910	52	0.1380	102	-0.5710
2	0.1420	53	-0.1270	103	-0.8230
3	0.1710	54	-0.2080	104	-0.7770
4	0.2130	55	0.5030	105	-0.6960
5	0.2380	56	0.4430	110	-0.1860
6	0.2550	57	0.4000	111	-0.2140
7	0.2640	58	0.3630	112	-0.1380
8	0.2650	59	0.3290	113	-0.1520
9	0.2680	60	0.2970	114	0.0790
10	0.2580	61	0.2500	115	0.0750
11	0.2500	62	0.1890	116	0.0750
12	0.2270	63	0.0960	117	0.0770
13	0.1890	64	-0.3150	118	0.0740
14	0.0190	65	-0.2430	119	0.0760
15	-0.0970	66	0.4920	120	-0.2070
16	0.3410	67	0.4260	121	0.0700
17	0.3050	68	0.3760	122	0.0760
18	0.3070	69	0.3270	123	0.0760
19	0.2970	70	0.2770	124	-0.0830
20	0.2900	71	0.2290	125	-0.1040
21	0.2920	72	0.1630	126	-0.0530
22	0.2900	73	0.0410	127	-0.0760
23	0.2810	74	-0.2700	128	-0.1820
24	0.2700	75	0.4700	129	-0.2650
25	0.2550	76	0.3940	135	-0.0570
26	0.2230	77	0.3290	136	-0.0500
27	0.1770	78	0.2620	137	-0.0450
28	0.0210	79	0.1870	138	0.0540
29	-0.1250	80	0.0990	139	0.0590
30	0.4330	81	-0.0740	140	0.0420
32	0.3720	82	-0.3200	141	0.1950
33	0.3530	83	0.4030	142	0.1850
34	0.3390	84	0.3460	143	0.2000
35	0.3230	85	0.2540	145	-0.0540
36	0.3110	86	0.1530	147	0.1870
37	0.2920	87	0.0610	151	0.1200
38	0.2680	88	-0.0820	152	-0.0690
39	0.2330	89	-0.3740	153	-0.1730
40	0.1760	90	0.3370	154	-0.3580
41	0.0420	91	0.1410	155	0.2400
42	-0.1570	92	0.0200	156	0.2740
43	0.4890	93	-0.0670	157	0.0770
44	0.4350	94	-0.1700	158	0.6540
45	0.4010	95	-0.4550	159	0.3850
46	0.3810	96	-0.6340	160	0.3480
47	0.3560	97	-0.4170	161	0.2240
48	0.3280	98	-0.8200	162	0.5300
49	0.2960	99	-0.8240	163	0.4250
50	0.2630	100	-0.7040	164	0.0500
51	0.2110	101	-0.6070	165	0.1190

ORF	CP	ORF	CP	ORF	CP
166	0.4340	217	-0.4390	268	-0.3450
167	0.3770	218	-0.0860	269	-0.3160
168	0.3220	219	0.1050	270	-0.2390
169	0.1500	220	0.1190	271	-0.4850
170	0.3330	221	-0.1260	272	-0.4990
171	0.2180	222	-0.1560	273	-0.2080
172	-0.0230	223	0.3190	274	-0.1850
173	0.1500	224	0.3680	275	0.3840
174	-0.0190	225	0.4090	276	0.5110
175	-0.2350	226	0.2650	277	0.4220
176	-0.4760	227	-0.9750	278	-0.2500
177	-0.0930	228	-0.9050	279	-0.1260
178	-0.2410	229	-0.8280	280	0.0510
179	-0.1510	230	-0.6060	281	0.1680
180	-0.3350	231	-0.2350	282	0.2450
181	0.4730	232	-0.0320	283	0.2550
182	0.6170	233	0.1060	284	0.2710
183	0.4380	234	0.1290	285	0.2040
184	0.6750	235	-0.0260	286	-0.5940
185	0.8780	236	0.0310	287	-0.3730
186	1.0440	237	0.2380	288	-0.1300
187	1.1420	238	0.2720	289	-0.1530
188	1.1730	239	0.4520	290	-0.3760
189	1.1920	240	0.3480	291	-0.4660
190	0.1290	241	-0.6570	292	-0.0970
191	-0.3190	242	-0.5830	325	0.0820
192	-0.3290	244	-0.3260	326	0.0800
193	-0.3270	245	-0.1050	327	0.0800
194	-0.3330	246	0.0120	328	0.0800
195	-0.3040	247	0.1370	329	0.0800
196	-0.3390	248	0.1590	330	0.0830
197	-0.3290	249	0.1090	331	0.0800
198	-0.3390	250	0.0840	332	0.0810
199	-0.3370	251	-0.3290	333	0.0800
200	-0.3200	252	-0.4440	334	0.0810
201	-0.3250	253	0.5040	335	0.0850
202	-0.3300	254	0.3560	336	0.0880
203	-0.3240	255	-0.4060	337	0.0820
204	-0.3180	256	-0.3830	338	0.0800
205	0.2830	257	-0.3450	339	0.0800
206	0.2850	258	-0.2080	340	0.0810
207	0.2880	259	0.0280	341	0.0800
208	0.3200	260	0.1410	350	0.0770
210	0.5680	261	0.2150	351	0.0770
211	0.3630	262	0.2120	352	0.0730
212	0.2480	263	-0.0700	353	0.0770
213	-0.8200	264	-0.1740	354	0.0740
214	-0.7610	265	-0.3820	355	0.0760
215	-0.6630	266	-0.3480		
216	-0.5280	267	-0.1510		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 898
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 715.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 922.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = 0.04
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.9465
247	0.9455
347	0.9465
447	0.9465
547	0.9545
647	0.9545
747	0.9545

ORF	CP	ORF	CP	ORF	CP
1	0.4935	52	0.1945	102	-0.6185
2	0.2845	53	-0.0855	103	-0.8915
3	0.3005	54	-0.0665	104	-0.8555
4	0.3285	55	0.5915	105	-0.6875
5	0.3355	56	0.5345	110	-0.2045
6	0.3415	57	0.4935	111	-0.2195
7	0.3445	58	0.4515	112	-0.1535
8	0.3405	59	0.4115	113	-0.1645
9	0.3465	60	0.3685	114	0.0765
10	0.3365	61	0.3145	115	0.0785
11	0.3165	62	0.2485	116	0.0785
12	0.2965	63	0.1475	117	0.0805
13	0.2565	64	-0.2355	118	0.0765
14	0.0775	65	-0.0605	119	0.0795
15	-0.0345	66	0.5755	120	-0.2105
16	0.4895	67	0.5135	121	0.0795
17	0.4485	68	0.4595	122	0.0755
18	0.4285	69	0.4105	123	0.0765
19	0.4165	70	0.3605	124	-0.1215
20	0.3995	71	0.2995	125	-0.1545
21	0.3915	72	0.2195	126	-0.0975
22	0.3805	73	0.0865	127	-0.1335
23	0.3675	74	-0.0865	128	-0.0995
24	0.3485	75	0.5465	129	-0.2655
25	0.3285	76	0.4735	135	-0.1065
26	0.2925	77	0.4085	136	-0.1025
27	0.2395	78	0.3375	137	-0.0955
28	0.0825	79	0.2655	138	0.0545
29	-0.0565	80	0.1655	139	0.0595
30	0.5595	81	-0.0255	140	0.0545
32	0.4795	82	-0.1295	141	0.2125
33	0.4555	83	0.4715	142	0.1745
34	0.4315	84	0.4225	143	0.1935
35	0.4115	85	0.3365	145	-0.1025
36	0.3895	86	0.2385	147	0.1675
37	0.3685	87	0.1265	151	0.1835
38	0.3425	88	-0.0285	152	-0.0105
39	0.3045	89	-0.1825	153	-0.1175
40	0.2405	90	0.4085	154	-0.3335
41	0.0955	91	0.2205	155	0.2855
42	-0.0655	92	0.0915	156	0.3475
43	0.5905	93	-0.0055	157	0.1285
44	0.5355	94	-0.1185	158	0.7625
45	0.4985	95	-0.2845	159	0.4455
46	0.4685	96	-0.7035	160	0.4085
47	0.4355	97	-0.5225	161	0.2705
48	0.4045	98	-1.0395	162	0.5985
49	0.3715	99	-0.8665	163	0.4915
50	0.3315	100	-0.7125	164	0.0545
51	0.2765	101	-0.6345	165	0.1635

ORF	CP	ORF	CP	ORF	CP
166	0.4495	217	-0.5365	268	-0.3245
167	0.4365	218	-0.4975	269	-0.3875
168	0.3715	219	0.0945	270	-0.2125
169	0.1755	220	0.1605	271	-0.4945
170	0.4565	221	-0.0325	272	-0.4985
171	0.2715	222	-0.0695	273	-0.2035
172	-0.0065	223	0.3465	274	-0.1775
173	0.2355	224	0.3785	275	0.3195
174	0.0495	225	0.4055	276	0.6585
175	-0.1895	226	0.2795	277	0.5425
176	-0.4915	227	-0.9665	278	-0.2175
177	-0.0305	228	-0.8985	279	-0.0045
178	-0.1965	229	-0.8365	280	0.1105
179	-0.0755	230	-0.7145	281	0.3005
180	-0.3565	231	-0.5685	282	0.3605
181	0.5645	232	-0.1475	283	0.3475
182	0.7135	233	0.0965	284	0.3545
183	0.4715	234	0.1725	285	0.2825
184	0.7355	235	0.0335	286	-0.6285
185	1.0315	236	0.1235	287	-0.4675
186	1.2215	237	0.3325	288	-0.1245
187	1.2305	238	0.3815	289	-0.1425
188	1.2125	239	0.3925	290	-0.4135
189	1.1175	240	0.3055	291	-0.5395
190	0.0465	241	-0.7455	292	-0.2165
191	-0.3115	242	-0.6445	325	0.0825
192	-0.3415	244	-0.3305	326	0.0815
193	-0.3415	245	-0.1135	327	0.0835
194	-0.3475	246	0.0155	328	0.0805
195	-0.2995	247	0.1625	329	0.0805
196	-0.3655	248	0.2075	330	0.0805
197	-0.3525	249	0.1695	331	0.0815
198	-0.3485	250	0.0915	332	0.0825
199	-0.3565	251	-0.2845	333	0.0815
200	-0.3055	252	-0.4525	334	0.0815
201	-0.3375	253	0.5395	335	0.0805
202	-0.3585	254	0.3715	336	0.0815
203	-0.3495	255	-0.3295	337	0.0815
204	-0.3275	256	-0.2995	338	0.0805
205	0.2175	257	-0.2545	339	0.0825
206	0.2195	258	-0.1075	340	0.0795
207	0.2205	259	0.0895	341	0.0805
208	0.2735	260	0.1765	350	0.0785
210	0.5875	261	0.2475	351	0.0785
211	0.2945	262	0.2595	352	0.0795
212	0.2585	263	-0.0105	353	0.0815
213	-0.7945	264	-0.1375	354	0.0825
214	-0.7455	265	-0.3835	355	0.0815
215	-0.6515	266	-0.3935		
216	-0.4895	267	-0.0905		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 899
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.044
TUNNEL DYNAMIC PRESSURE(PSF) = 711.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 930.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 14.14
FIN ANGLE(DEG) = -0.14
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9420
247	0.9400
347	0.9410
447	0.9420
547	0.9350
647	0.9360
747	0.9350

ORF	CP	ORF	CP	ORF	CP
1	0.5990	52	0.2160	102	-0.7160
2	0.2780	53	-0.0750	103	-0.9040
3	0.3470	54	-0.0310	104	-0.8640
4	0.4020	55	0.6340	105	-0.6960
5	0.4170	56	0.5780	110	-0.2030
6	0.4150	57	0.5350	111	-0.2200
7	0.4120	58	0.4900	112	-0.1860
8	0.4000	59	0.4460	113	-0.1980
9	0.3920	60	0.3990	114	0.0550
10	0.3800	61	0.3450	115	0.0510
11	0.3620	62	0.2750	116	0.0520
12	0.3400	63	0.1680	117	0.0570
13	0.2990	64	-0.1060	118	0.0540
14	0.1110	65	-0.0520	119	0.0560
15	-0.0050	66	0.6100	120	-0.2390
16	0.5610	67	0.5510	121	0.0470
17	0.5230	68	0.4970	122	0.0530
18	0.5010	69	0.4470	123	0.0610
19	0.4800	70	0.3890	124	-0.1780
20	0.4620	71	0.3280	125	-0.2080
21	0.4470	72	0.2460	126	-0.1570
22	0.4290	73	0.1130	127	-0.1860
23	0.4120	74	-0.0830	128	-0.1490
24	0.3940	75	0.5790	129	-0.3040
25	0.3720	76	0.5110	135	-0.1660
26	0.3390	77	0.4430	136	-0.1630
27	0.2800	78	0.3730	137	-0.1550
28	0.1100	79	0.2930	138	0.0260
29	-0.0270	80	0.1920	139	0.0240
30	0.6210	81	0.0030	140	0.0240
32	0.5380	82	-0.1200	141	0.1990
33	0.5100	83	0.5050	142	0.1370
34	0.4790	84	0.4570	143	0.1770
35	0.4570	85	0.3670	145	-0.1610
36	0.4370	86	0.2650	147	0.1480
37	0.4090	87	0.1550	151	0.2070
38	0.3780	88	-0.0040	152	-0.0040
39	0.3360	89	-0.1740	153	-0.0940
40	0.2690	90	0.4400	154	-0.3190
41	0.1150	91	0.2570	155	0.2370
42	-0.0320	92	0.1280	156	0.3610
43	0.6370	93	0.0240	157	0.1390
44	0.5860	94	-0.1010	158	0.7840
45	0.5450	95	-0.2810	159	0.4430
46	0.5110	96	-0.7390	160	0.4040
47	0.4770	97	-0.5610	161	0.2680
48	0.4440	98	-0.9240	162	0.6030
49	0.4070	99	-0.8130	163	0.4750
50	0.3620	100	-0.7180	164	0.0200
51	0.3030	101	-0.7330	165	0.1450

ORF	CP	ORF	CP	ORF	CP
166	0.4770	217	-0.5500	268	-0.3680
167	0.4220	218	-0.5420	269	-0.4120
168	0.3340	219	0.0520	270	-0.2450
169	0.1390	220	0.1370	271	-0.5720
170	0.4720	221	-0.0440	272	-0.5550
171	0.2530	222	-0.0530	273	-0.2280
172	-0.0250	223	0.3530	274	-0.1970
173	0.2460	224	0.3720	275	0.1980
174	0.0560	225	0.3580	276	0.7740
175	-0.1810	226	0.2410	277	0.6180
176	-0.4790	227	-0.9840	278	-0.2740
177	-0.0240	228	-0.9190	279	-0.1630
178	-0.1800	229	-0.8640	280	0.0700
179	-0.0980	230	-0.7540	281	0.3310
180	-0.3590	231	-0.6180	282	0.4140
181	0.5970	232	-0.2570	283	0.4000
182	0.7510	233	0.0460	284	0.3890
183	0.4210	234	0.1520	285	0.3050
184	0.6280	235	0.0380	286	-0.7230
185	0.9570	236	0.1250	287	-0.3490
186	1.1830	237	0.3320	288	-0.1540
187	1.2110	238	0.3850	289	-0.1610
188	1.1620	239	0.3040	290	-0.4450
189	1.0720	240	0.2340	291	-0.5080
190	0.0250	241	-0.7470	292	-0.2920
191	-0.2940	242	-0.6300	325	0.0760
192	-0.3220	244	-0.3450	326	0.0800
193	-0.3300	245	-0.1320	327	0.0780
194	-0.3320	246	-0.0010	328	0.0750
195	-0.2890	247	0.1460	329	0.0770
196	-0.3400	248	0.2010	330	0.0710
197	-0.3360	249	0.1670	331	0.0790
198	-0.3340	250	0.0690	332	0.0770
199	-0.3370	251	-0.2960	333	0.0760
200	-0.2990	252	-0.4760	334	0.0790
201	-0.3140	253	0.5180	335	0.0720
202	-0.3390	254	0.3560	336	0.0800
203	-0.3320	255	-0.3710	337	0.0770
204	-0.3170	256	-0.3090	338	0.0800
205	0.1380	257	-0.2320	339	0.0780
206	0.1410	258	-0.0510	340	0.0740
207	0.1510	259	0.1170	341	0.0760
208	0.1710	260	0.1910	350	0.0560
210	0.5640	261	0.2510	351	0.0550
211	0.1570	262	0.2650	352	0.0560
212	0.1740	263	-0.0130	353	0.0570
213	-0.8210	264	-0.1560	354	0.0560
214	-0.7710	265	-0.4140	355	0.0580
215	-0.6880	266	-0.4220		
216	-0.5170	267	-0.0730		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 900
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 49.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.056
TUNNEL DYNAMIC PRESSURE(PSF) = 717.
TUNNEL STAGNATION PRESSURE(PSF) = 1857.
TUNNEL STATIC PRESSURE(PSF) = 918.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = -0.41
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.9497
247	0.9487
347	0.9497
447	0.9507
547	0.9607
647	0.9607
747	0.9597

ORF	CP	ORF	CP	ORF	CP
1	0.1907	52	0.0327	102	-0.4873
2	-0.1803	53	-0.1863	103	-0.7573
3	-0.2473	54	-0.3503	104	-0.7393
4	-0.1263	55	0.2227	105	-0.6433
5	-0.0213	56	0.2017	110	-0.1643
6	0.0447	57	0.1927	111	-0.1903
7	0.0867	58	0.1757	112	-0.1123
8	0.1057	59	0.1527	113	-0.1213
9	0.1147	60	0.1377	114	0.0937
10	0.1127	61	0.1067	115	0.0977
11	0.1097	62	0.0727	116	0.0967
12	0.0927	63	0.0117	117	0.0957
13	0.0607	64	-0.3593	118	0.0947
14	-0.0853	65	-0.3593	119	0.0967
15	-0.2023	66	0.2237	120	-0.1473
16	-0.0583	67	0.2017	121	0.0927
17	-0.0813	68	0.1777	122	0.0927
18	0.0057	69	0.1537	123	0.0917
19	0.0527	70	0.1267	124	-0.0313
20	0.0837	71	0.0947	125	-0.0383
21	0.1087	72	0.0517	126	0.0117
22	0.1187	73	-0.0293	127	-0.0183
23	0.1207	74	-0.3793	128	0.0127
24	0.1167	75	0.2187	129	-0.1713
25	0.1097	76	0.1857	135	0.0097
26	0.0877	77	0.1487	136	0.0137
27	0.0507	78	0.1117	137	0.0087
28	-0.0903	79	0.0647	138	0.0597
29	-0.2363	80	0.0187	139	0.0577
30	0.0547	81	-0.1033	140	0.0467
32	0.1117	82	-0.3913	141	0.2287
33	0.1267	83	0.1857	142	0.2357
34	0.1327	84	0.1487	143	0.2317
35	0.1387	85	0.0907	145	0.0037
36	0.1367	86	0.0577	147	0.2357
37	0.1287	87	0.0117	151	-0.0013
38	0.1127	88	-0.0723	152	-0.1513
39	0.0927	89	-0.4023	153	-0.3043
40	0.0487	90	0.0977	154	-0.4063
41	-0.0583	91	0.0777	155	0.2537
42	-0.2843	92	0.0357	156	0.1507
43	0.1857	93	-0.0013	157	-0.0433
44	0.1787	94	-0.0653	158	0.4777
45	0.1727	95	-0.4063	159	0.2647
46	0.1697	96	-0.2493	160	0.2017
47	0.1627	97	-0.3563	161	0.0797
48	0.1517	98	0.1687	162	0.4027
49	0.1357	99	0.1407	163	0.2897
50	0.1167	100	-0.0973	164	0.0577
51	0.0847	101	-0.5503	165	0.0097

ORF	CP	ORF	CP	ORF	CP
166	0.4447	217	-0.0663	268	-0.3483
167	0.2717	218	0.0537	269	-0.2433
168	0.2347	219	0.1207	270	-0.1863
169	0.1037	220	0.1027	271	-0.4753
170	0.2397	221	-0.2083	272	-0.4703
171	0.1377	222	-0.2163	273	-0.1363
172	-0.0853	223	0.2487	274	-0.1303
173	0.0447	224	0.3207	275	0.4967
174	-0.1173	225	0.3917	276	0.4157
175	-0.3263	226	0.2557	277	0.2907
176	-0.4523	227	-0.4193	278	-0.5233
177	-0.1893	228	-0.4243	279	-0.5033
178	-0.3193	229	-0.3963	280	-0.4353
179	-0.1913	230	-0.3103	281	-0.2933
180	-0.3283	231	-0.1003	282	-0.0593
181	0.3447	232	0.0437	283	0.0597
182	0.4707	233	0.1127	284	0.1267
183	0.4917	234	0.1087	285	0.0877
184	0.6807	235	-0.0473	286	-0.5333
185	0.7957	236	-0.0313	287	-0.2533
186	0.8867	237	0.1807	288	-0.0553
187	0.9777	238	0.1937	289	-0.1113
188	0.9847	239	0.3847	290	-0.3113
189	1.0707	240	0.2677	291	-0.4223
190	0.3627	241	-0.4233	292	0.0887
191	-0.3343	242	-0.4153	325	0.0947
192	-0.3383	244	-0.2063	326	0.0957
193	-0.3393	245	-0.0043	327	0.0967
194	-0.3453	246	0.0617	328	0.0927
195	-0.3403	247	0.0977	329	0.0927
196	-0.3443	248	0.1067	330	0.0937
197	-0.3323	249	0.0507	331	0.0957
198	-0.3383	250	0.1057	332	0.0977
199	-0.3363	251	-0.3503	333	0.0937
200	-0.3353	252	-0.4033	334	0.0947
201	-0.3403	253	0.3607	335	0.0937
202	-0.3383	254	0.2287	336	0.0947
203	-0.3363	255	-0.3903	337	0.0957
204	-0.3313	256	-0.3943	338	0.0967
205	0.3837	257	-0.3793	339	0.0977
206	0.4047	258	-0.2913	340	0.0927
207	0.4067	259	-0.0653	341	0.0927
208	0.4107	260	0.0617	350	0.0987
210	0.4967	261	0.1127	351	0.0977
211	0.4157	262	0.1097	352	0.0987
212	0.2967	263	-0.1273	353	0.0957
213	-0.5243	264	-0.2123	354	0.0967
214	-0.4793	265	-0.3163	355	0.0967
215	-0.4253	266	-0.2773		
216	-0.2933	267	-0.2023		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 953
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 694.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 990.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8785
247	0.8785
347	0.8775
447	0.8785
547	0.8825
647	0.8815
747	0.8815

ORF	CP	ORF	CP	ORF	CP
1	-0.7435	52	-0.8535	102	-0.7125
2	-0.8725	53	-0.8085	103	-0.9355
3	-0.8515	54	-0.8025	104	-0.8945
4	-0.8855	55	-1.0115	105	-0.6825
5	-0.8695	56	-1.0025	110	-0.2125
6	-0.8485	57	-0.9925	111	-0.2495
7	-0.8265	58	-0.9795	112	-0.2065
8	-0.7915	59	-0.9605	113	-0.2455
9	-0.7285	60	-0.9415	114	0.0925
10	-0.5955	61	-0.9135	115	0.0915
11	-0.4185	62	-0.8855	116	0.0935
12	-0.2675	63	-0.8585	117	0.0915
13	-0.2135	64	-0.8385	118	0.0925
14	-0.3455	65	-0.8365	119	0.0945
15	-0.4685	66	-0.9535	120	-0.1265
16	-1.0045	67	-0.9485	121	0.0945
17	-1.1105	68	-0.9225	122	0.0925
18	-1.1665	69	-0.9085	123	0.0925
19	-1.1485	70	-0.9005	124	-0.0775
20	-1.0865	71	-0.8855	125	-0.0895
21	-1.0415	72	-0.8655	126	-0.0675
22	-1.0105	73	-0.8395	127	-0.0865
23	-0.9675	74	-0.8005	128	-0.0705
24	-0.8925	75	-0.8755	129	-0.1695
25	-0.7245	76	-0.8545	135	-0.0715
26	-0.5015	77	-0.8515	136	-0.0735
27	-0.3635	78	-0.8285	137	-0.0685
28	-0.3985	79	-0.8115	138	0.0965
29	-0.5415	80	-0.7935	139	0.0845
30	-1.1775	81	-0.7805	140	0.0875
32	-1.1335	82	-0.7565	141	0.1975
33	-1.0815	83	-0.6935	142	0.1705
34	-1.0285	84	-0.8055	143	0.1965
35	-0.9965	85	-0.7815	145	-0.0775
36	-0.9515	86	-0.7635	147	0.1595
37	-0.8785	87	-0.7555	151	-0.1445
38	-0.7735	88	-0.7335	152	-0.2435
39	-0.7045	89	-0.7205	153	-0.2645
40	-0.6735	90	-0.7415	154	-0.2905
41	-0.7345	91	-0.7235	155	-0.0855
42	-0.7255	92	-0.7225	156	-0.1695
43	-1.0345	93	-0.7115	157	-0.2435
44	-1.0305	94	-0.6935	158	0.0825
45	-1.0225	95	-0.6875	159	-0.0755
46	-1.0105	96	0.2565	160	-0.1365
47	-0.9945	97	-0.3115	161	-0.2025
48	-0.9575	98	0.4655	162	0.1715
49	-0.9305	99	0.3705	163	0.0125
50	-0.9025	100	-0.2155	164	0.0895
51	-0.8775	101	-0.7195	165	-0.1635

ORF	CP	ORF	CP	ORF	CP
166	0.3255	217	-0.1765	268	-0.6305
167	0.0735	218	-0.1315	269	-0.2295
168	0.0495	219	-0.1255	270	-0.1775
169	-0.0325	220	-0.1215	271	-0.6645
170	-0.0115	221	-0.4385	272	-0.5495
171	-0.0775	222	-0.4125	273	-0.1345
172	-0.2195	223	-0.0415	274	-0.1385
173	-0.1585	224	0.1215	275	0.1835
174	-0.2375	225	0.1345	276	-0.3115
175	-0.3545	226	-0.0305	277	-0.3345
176	-0.3615	227	-0.6345	278	-1.1455
177	-0.3395	228	-0.6275	279	-1.1025
178	-0.3645	229	-0.5875	280	-1.0225
179	-0.2955	230	-0.4995	281	-0.9605
180	-0.2975	231	-0.3005	282	-0.8245
181	0.0235	232	-0.2155	283	-0.8185
182	0.1115	233	-0.1935	284	-0.6625
183	0.1525	234	-0.1675	285	-0.2445
184	0.3045	235	-0.2855	286	-0.7085
185	0.3665	236	-0.2425	287	-0.5285
186	0.3895	237	-0.0315	288	-0.1345
187	0.4275	238	-0.0735	289	-0.1325
188	0.4645	239	0.0675	290	-0.2645
189	0.4685	240	-0.0125	291	-0.9615
190	0.5745	241	-1.0045	292	0.2095
191	-0.3105	242	-0.8985	325	0.0975
192	-0.2915	244	-0.5485	326	0.0965
193	-0.2915	245	-0.4225	327	0.0985
194	-0.2855	246	-0.3905	328	0.1005
195	-0.3155	247	-0.3235	329	0.0965
196	-0.3025	248	-0.1925	330	0.0975
197	-0.2995	249	-0.1975	331	0.0975
198	-0.3075	250	0.1005	332	0.0995
199	-0.3035	251	-0.3695	333	0.1025
200	-0.3225	252	-0.3675	334	0.0995
201	-0.3075	253	0.1255	335	0.0985
202	-0.2995	254	0.0325	336	0.0985
203	-0.3045	255	-1.1235	337	0.0985
204	-0.3085	256	-1.0505	338	0.0955
205	0.0395	257	-0.9915	339	0.0995
206	0.2445	258	-0.8815	340	0.1015
207	0.0745	259	-0.8575	341	0.0975
208	0.1145	260	-0.8315	350	0.0925
210	0.1525	261	-0.5645	351	0.0925
211	0.1815	262	-0.2205	352	0.0915
212	0.0565	263	-0.4835	353	0.0915
213	-0.7405	264	-0.5115	354	0.0905
214	-0.5925	265	-0.3125	355	0.0915
215	-0.5395	266	-0.2405		
216	-0.3285	267	-0.5435		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 954
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.997
TUNNEL DYNAMIC PRESSURE(PSF) = 692.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8756
247	0.8746
347	0.8746
447	0.8756
547	0.8786
647	0.8786
747	0.8786

ORF	CP	ORF	CP	ORF	CP
1	-0.6604	52	-0.6524	102	-0.6444
2	-0.8824	53	-0.6604	103	-0.9214
3	-0.8264	54	-0.6254	104	-0.8764
4	-0.8364	55	-1.0744	105	-0.6914
5	-0.8314	56	-1.0384	110	-0.2204
6	-0.8054	57	-1.0114	111	-0.2554
7	-0.7544	58	-0.9864	112	-0.2164
8	-0.6944	59	-0.9654	113	-0.2354
9	-0.6214	60	-0.9384	114	0.0896
10	-0.5084	61	-0.9084	115	0.0916
11	-0.3504	62	-0.8894	116	0.0926
12	-0.2324	63	-0.9034	117	0.0916
13	-0.1884	64	-0.9414	118	0.0866
14	-0.3094	65	-0.9404	119	0.0896
15	-0.4194	66	-0.9794	120	-0.1234
16	-0.9344	67	-0.9604	121	0.0856
17	-1.0344	68	-0.9394	122	0.0896
18	-1.0574	69	-0.9184	123	0.0886
19	-1.0254	70	-0.8924	124	-0.0564
20	-1.0004	71	-0.8684	125	-0.0724
21	-0.9724	72	-0.8414	126	-0.0314
22	-0.9354	73	-0.8204	127	-0.0564
23	-0.8794	74	-0.7844	128	-0.0414
24	-0.7584	75	-0.8954	129	-0.1444
25	-0.5524	76	-0.8714	135	-0.0444
26	-0.3484	77	-0.8534	136	-0.0584
27	-0.2044	78	-0.8394	137	-0.0424
28	-0.2524	79	-0.8194	138	0.1086
29	-0.4074	80	-0.8024	139	0.0976
30	-1.1284	81	-0.7844	140	0.0916
32	-1.0634	82	-0.7554	141	0.1906
33	-1.0114	83	-0.6984	142	0.1646
34	-0.9424	84	-0.8194	143	0.1896
35	-0.8734	85	-0.8024	145	-0.0594
36	-0.7984	86	-0.7914	147	0.1586
37	-0.6784	87	-0.7794	151	-0.1304
38	-0.5394	88	-0.7614	152	-0.2284
39	-0.4324	89	-0.7374	153	-0.2614
40	-0.4044	90	-0.7684	154	-0.2804
41	-0.4624	91	-0.7674	155	-0.0744
42	-0.5784	92	-0.7554	156	-0.1654
43	-1.1924	93	-0.7434	157	-0.2304
44	-1.1884	94	-0.7254	158	0.0696
45	-1.1644	95	-0.7134	159	-0.0714
46	-1.1244	96	0.1986	160	-0.1344
47	-1.0594	97	-0.3374	161	-0.1864
48	-0.9734	98	0.4226	162	0.2026
49	-0.8734	99	0.3306	163	0.0486
50	-0.7914	100	-0.2464	164	0.0896
51	-0.7254	101	-0.6844	165	-0.1454

ORF	CP	ORF	CP	ORF	CP
166	0.3456	217	-0.1444	268	-0.5784
167	0.1226	218	-0.1034	269	-0.2424
168	0.1246	219	-0.0934	270	-0.1824
169	0.0226	220	-0.0964	271	-0.6194
170	0.0456	221	-0.4204	272	-0.5434
171	-0.0194	222	-0.3994	273	-0.1384
172	-0.1874	223	-0.0314	274	-0.1434
173	-0.1474	224	0.1316	275	0.2236
174	-0.2414	225	0.1826	276	-0.1924
175	-0.3884	226	0.0436	277	-0.2194
176	-0.3634	227	-0.7434	278	-1.1274
177	-0.3104	228	-0.6444	279	-1.0674
178	-0.3274	229	-0.6384	280	-0.9674
179	-0.2674	230	-0.5314	281	-0.8634
180	-0.2934	231	-0.3024	282	-0.7404
181	-0.0004	232	-0.2144	283	-0.7754
182	0.1036	233	-0.1694	284	-0.5704
183	0.1726	234	-0.1434	285	-0.2134
184	0.3276	235	-0.2614	286	-0.6734
185	0.3776	236	-0.2214	287	-0.4464
186	0.4246	237	0.0006	288	-0.1274
187	0.4136	238	-0.0524	289	-0.1444
188	0.4336	239	0.1006	290	-0.2704
189	0.4496	240	0.0016	291	-0.9854
190	0.5496	241	-0.9464	292	0.1896
191	-0.3044	242	-0.8434	325	0.0956
192	-0.2864	244	-0.5044	326	0.0986
193	-0.2894	245	-0.4084	327	0.0996
194	-0.2924	246	-0.3634	328	0.1036
195	-0.3144	247	-0.2694	329	0.1006
196	-0.3014	248	-0.1654	330	0.1026
197	-0.3004	249	-0.1614	331	0.1006
198	-0.3054	250	0.1026	332	0.1006
199	-0.3024	251	-0.3824	333	0.1046
200	-0.3144	252	-0.3624	334	0.1026
201	-0.3024	253	0.1346	335	0.1036
202	-0.2994	254	0.0436	336	0.0996
203	-0.3064	255	-1.1264	337	0.0976
204	-0.3124	256	-1.0454	338	0.0996
205	0.1226	257	-0.9774	339	0.1006
206	0.2716	258	-0.8294	340	0.1036
207	0.1606	259	-0.7834	341	0.1016
208	0.1776	260	-0.6984	350	0.0906
210	0.1596	261	-0.4894	351	0.0906
211	0.1866	262	-0.1944	352	0.0906
212	0.0556	263	-0.3904	353	0.0936
213	-0.7104	264	-0.4424	354	0.0906
214	-0.5444	265	-0.3474	355	0.0906
215	-0.4154	266	-0.2504		
216	-0.2664	267	-0.4654		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 955
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 693.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 992.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = 0.09
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8745
247	0.8735
347	0.8745
447	0.8755
547	0.8705
647	0.8695
747	0.8695

ORF	CP	ORF	CP	ORF	CP
1	-0.4225	52	-0.1915	102	-0.5965
2	-0.7395	53	-0.3985	103	-0.8635
3	-0.7195	54	-0.4675	104	-0.8185
4	-0.7065	55	-0.9895	105	-0.7285
5	-0.6455	56	-0.9925	110	-0.2265
6	-0.5535	57	-0.9355	111	-0.2565
7	-0.4055	58	-0.8695	112	-0.2085
8	-0.2955	59	-0.7975	113	-0.2045
9	-0.1985	60	-0.7185	114	0.0825
10	-0.1535	61	-0.6065	115	0.0805
11	-0.1335	62	-0.3765	116	0.0805
12	-0.1145	63	-0.1845	117	0.0835
13	-0.1255	64	-0.4015	118	0.0835
14	-0.2695	65	-0.4045	119	0.0865
15	-0.4035	66	-0.8655	120	-0.1285
16	-0.7295	67	-0.8785	121	0.0805
17	-0.7675	68	-0.9005	122	0.0845
18	-0.7685	69	-0.8995	123	0.0825
19	-0.7455	70	-0.8745	124	-0.0545
20	-0.6625	71	-0.8575	125	-0.0825
21	-0.5695	72	-0.8515	126	-0.0395
22	-0.4555	73	-0.8085	127	-0.0725
23	-0.3615	74	-0.7005	128	-0.0225
24	-0.2515	75	-0.8015	129	-0.1465
25	-0.1715	76	-0.8105	135	-0.0315
26	-0.1365	77	-0.8485	136	-0.0275
27	-0.1425	78	-0.8695	137	-0.0255
28	-0.2645	79	-0.8795	138	0.1205
29	-0.4275	80	-0.8895	139	0.1185
30	-0.9395	81	-0.8555	140	0.1155
32	-0.7845	82	-0.7695	141	0.1865
33	-0.6665	83	-0.6475	142	0.1735
34	-0.5375	84	-0.7965	143	0.1885
35	-0.3825	85	-0.8225	145	-0.0355
36	-0.3005	86	-0.8385	147	0.1745
37	-0.2365	87	-0.8205	151	-0.0415
38	-0.2025	88	-0.7725	152	-0.2275
39	-0.2025	89	-0.7055	153	-0.2755
40	-0.2295	90	-0.7295	154	-0.2865
41	-0.3465	91	-0.7015	155	-0.0875
42	-0.4755	92	-0.6805	156	-0.0845
43	-1.0365	93	-0.6625	157	-0.1895
44	-0.9905	94	-0.6495	158	0.0805
45	-0.9105	95	-0.6365	159	-0.0185
46	-0.8045	96	0.0985	160	-0.0855
47	-0.6755	97	-0.3745	161	-0.1655
48	-0.5195	98	0.3345	162	0.1365
49	-0.3225	99	0.2685	163	0.0245
50	-0.1785	100	-0.2995	164	0.1175
51	-0.1475	101	-0.6535	165	-0.1645

ORF	CP	ORF	CP	ORF	CP
166	0.2225	217	-0.0895	268	-0.5385
167	0.0875	218	-0.0625	269	-0.2735
168	0.0665	219	-0.0425	270	-0.2155
169	-0.0415	220	-0.0655	271	-0.6085
170	0.0015	221	-0.3675	272	-0.5595
171	0.0065	222	-0.3265	273	-0.1795
172	-0.1695	223	0.0065	274	-0.1665
173	-0.1045	224	0.1035	275	0.2495
174	-0.2435	225	0.1935	276	0.0275
175	-0.3515	226	0.0565	277	-0.0685
176	-0.3615	227	-0.6585	278	-1.0595
177	-0.2705	228	-0.6425	279	-0.9425
178	-0.3355	229	-0.5815	280	-0.8075
179	-0.2605	230	-0.4515	281	-0.6515
180	-0.2825	231	-0.2285	282	-0.6105
181	0.1855	232	-0.1225	283	-0.5005
182	0.2935	233	-0.0755	284	-0.1975
183	0.2805	234	-0.0765	285	-0.1265
184	0.4465	235	-0.2125	286	-0.6385
185	0.5145	236	-0.1865	287	-0.4435
186	0.5685	237	0.0105	288	-0.1545
187	0.6575	238	0.0175	289	-0.1775
188	0.7625	239	0.1965	290	-0.2905
189	0.8115	240	0.0915	291	-0.9875
190	0.4665	241	-0.9115	292	0.1595
191	-0.2955	242	-0.7755	325	0.0925
192	-0.2915	244	-0.4745	326	0.0895
193	-0.2965	245	-0.3105	327	0.0895
194	-0.2925	246	-0.2265	328	0.0915
195	-0.3015	247	-0.1355	329	0.0905
196	-0.3015	248	-0.0965	330	0.0895
197	-0.2965	249	-0.1305	331	0.0915
198	-0.2895	250	0.0915	332	0.0905
199	-0.2865	251	-0.3755	333	0.0925
200	-0.3005	252	-0.3675	334	0.0925
201	-0.2955	253	0.1845	335	0.0895
202	-0.2925	254	0.0595	336	0.0935
203	-0.2905	255	-1.1155	337	0.0925
204	-0.2935	256	-1.0245	338	0.0895
205	0.2355	257	-0.9165	339	0.0895
206	0.3165	258	-0.7005	340	0.0925
207	0.2695	259	-0.5565	341	0.0895
208	0.2855	260	-0.3855	350	0.0825
210	0.2045	261	-0.1955	351	0.0845
211	0.1715	262	-0.1075	352	0.0835
212	0.0445	263	-0.3485	353	0.0835
213	-0.5895	264	-0.3975	354	0.0825
214	-0.4455	265	-0.3645	355	0.0815
215	-0.3485	266	-0.2815		
216	-0.1875	267	-0.4295		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 956
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.994
TUNNEL DYNAMIC PRESSURE(PSF) = 690.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 998.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = -6.06
FIN ANGLE(DEG) = -0.15
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8696
247	0.8686
347	0.8696
447	0.8696
547	0.8606
647	0.8606
747	0.8606

ORF	CP	ORF	CP	ORF	CP
1	-0.2064	52	-0.1804	102	-0.5714
2	-0.5574	53	-0.4024	103	-0.8884
3	-0.6914	54	-0.4934	104	-0.8504
4	-0.6274	55	-0.7934	105	-0.7454
5	-0.4934	56	-0.7874	110	-0.2534
6	-0.3344	57	-0.7194	111	-0.2844
7	-0.2174	58	-0.6404	112	-0.2224
8	-0.1554	59	-0.4284	113	-0.2024
9	-0.1144	60	-0.0744	114	0.0666
10	-0.0894	61	0.0006	115	0.0686
11	-0.0834	62	-0.0654	116	0.0656
12	-0.0834	63	-0.1534	117	0.0676
13	-0.1104	64	-0.5384	118	0.0656
14	-0.2594	65	-0.5194	119	0.0646
15	-0.3894	66	-0.6574	120	-0.1404
16	-0.5604	67	-0.6694	121	0.0666
17	-0.6124	68	-0.6654	122	0.0636
18	-0.6164	69	-0.6444	123	0.0666
19	-0.4954	70	-0.5964	124	-0.0364
20	-0.3574	71	-0.4994	125	-0.0674
21	-0.2674	72	-0.3534	126	-0.0204
22	-0.1884	73	-0.2584	127	-0.0514
23	-0.1424	74	-0.4544	128	-0.0264
24	-0.1124	75	-0.5554	129	-0.1694
25	-0.0974	76	-0.5774	135	-0.0224
26	-0.1024	77	-0.6034	136	-0.0284
27	-0.1414	78	-0.6204	137	-0.0224
28	-0.2784	79	-0.6184	138	0.1126
29	-0.4164	80	-0.6344	139	0.1096
30	-0.8034	81	-0.6484	140	0.1096
32	-0.5694	82	-0.6864	141	0.1656
33	-0.3744	83	-0.4794	142	0.1596
34	-0.2314	84	-0.5874	143	0.1686
35	-0.1524	85	-0.6074	145	-0.0304
36	-0.1134	86	-0.6114	147	0.1586
37	-0.0984	87	-0.6194	151	-0.0384
38	-0.0964	88	-0.6394	152	-0.2264
39	-0.1214	89	-0.6794	153	-0.2744
40	-0.1644	90	-0.6084	154	-0.2894
41	-0.2954	91	-0.6014	155	-0.0404
42	-0.4554	92	-0.5964	156	-0.0374
43	-0.9334	93	-0.6034	157	-0.1674
44	-0.8044	94	-0.6294	158	0.1306
45	-0.6274	95	-0.6704	159	0.0146
46	-0.3884	96	0.0426	160	-0.0424
47	-0.1854	97	-0.4014	161	-0.1314
48	-0.0734	98	0.2686	162	0.1776
49	-0.0504	99	0.2226	163	0.0626
50	-0.0654	100	-0.3014	164	0.1116
51	-0.1114	101	-0.6354	165	-0.1394

ORF	CP	ORF	CP	ORF	CP
166	0.2536	217	-0.0764	268	-0.5004
167	0.0826	218	-0.0384	269	-0.2804
168	0.0716	219	-0.0144	270	-0.2194
169	-0.0354	220	-0.0444	271	-0.5834
170	0.0026	221	-0.3574	272	-0.5224
171	-0.0194	222	-0.3244	273	-0.1884
172	-0.1724	223	0.0406	274	-0.1824
173	-0.0904	224	0.1346	275	0.3026
174	-0.2284	225	0.2016	276	0.1636
175	-0.3164	226	0.0566	277	0.0326
176	-0.3424	227	-0.6084	278	-1.0534
177	-0.2534	228	-0.5944	279	-0.9484
178	-0.3394	229	-0.5394	280	-0.8114
179	-0.2644	230	-0.3824	281	-0.6274
180	-0.2764	231	-0.1654	282	-0.4764
181	0.2406	232	-0.0884	283	-0.2914
182	0.3466	233	-0.0444	284	-0.1104
183	0.2956	234	-0.0484	285	-0.1014
184	0.4636	235	-0.1894	286	-0.6164
185	0.4966	236	-0.1764	287	-0.3944
186	0.5546	237	0.0166	288	-0.1624
187	0.6276	238	0.0256	289	-0.1964
188	0.7196	239	0.2486	290	-0.2974
189	0.8066	240	0.1436	291	-1.0044
190	0.3836	241	-0.9104	292	0.0976
191	-0.2824	242	-0.8074	325	0.0866
192	-0.2864	244	-0.5254	326	0.0886
193	-0.2784	245	-0.2854	327	0.0896
194	-0.2784	246	-0.1664	328	0.0876
195	-0.2894	247	-0.0764	329	0.0896
196	-0.2964	248	-0.0544	330	0.0886
197	-0.2834	249	-0.1024	331	0.0886
198	-0.2874	250	0.0816	332	0.0906
199	-0.2764	251	-0.3754	333	0.0886
200	-0.2884	252	-0.3624	334	0.0906
201	-0.2814	253	0.2266	335	0.0906
202	-0.2814	254	0.0956	336	0.0856
203	-0.2864	255	-1.1284	337	0.0866
204	-0.2804	256	-1.0474	338	0.0896
205	0.2596	257	-0.9414	339	0.0886
206	0.3226	258	-0.7144	340	0.0866
207	0.2966	259	-0.3604	341	0.0886
208	0.3106	260	-0.2184	350	0.0666
210	0.2506	261	-0.1024	351	0.0666
211	0.1856	262	-0.0654	352	0.0686
212	0.0576	263	-0.3164	353	0.0656
213	-0.5954	264	-0.3664	354	0.0636
214	-0.4954	265	-0.3584	355	0.0656
215	-0.3984	266	-0.2934		
216	-0.2104	267	-0.3964		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 957
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.003
TUNNEL DYNAMIC PRESSURE(PSF) = 695.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 988.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.26
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8784
247	0.8764
347	0.8774
447	0.8774
547	0.8854
647	0.8844
747	0.8854

ORF	CP	ORF	CP	ORF	CP
1	0.0084	52	-0.1396	102	-0.5426
2	-0.4176	53	-0.3576	103	-0.8686
3	-0.7066	54	-0.4836	104	-0.8336
4	-0.4206	55	-0.6086	105	-0.7266
5	-0.2656	56	-0.4726	110	-0.2186
6	-0.1496	57	-0.2206	111	-0.2486
7	-0.0996	58	-0.0306	112	-0.1726
8	-0.0616	59	0.0094	113	-0.1536
9	-0.0476	60	-0.0146	114	0.0954
10	-0.0416	61	-0.0486	115	0.0924
11	-0.0386	62	-0.0886	116	0.0914
12	-0.0476	63	-0.1476	117	0.0924
13	-0.0796	64	-0.5156	118	0.0944
14	-0.2346	65	-0.5066	119	0.0944
15	-0.3586	66	-0.4366	120	-0.1386
16	-0.3596	67	-0.4186	121	0.0924
17	-0.5096	68	-0.3586	122	0.0924
18	-0.5426	69	-0.2716	123	0.0944
19	-0.3066	70	-0.1586	124	-0.0036
20	-0.1476	71	-0.1046	125	-0.0476
21	-0.0746	72	-0.1076	126	0.0034
22	-0.0386	73	-0.1826	127	-0.0236
23	-0.0316	74	-0.4936	128	-0.0296
24	-0.0286	75	-0.4306	129	-0.1666
25	-0.0416	76	-0.4246	135	0.0074
26	-0.0596	77	-0.3756	136	0.0054
27	-0.1066	78	-0.2956	137	0.0064
28	-0.2476	79	-0.2276	138	0.1464
29	-0.3886	80	-0.2096	139	0.1494
30	-0.4996	81	-0.2996	140	0.1414
32	-0.3626	82	-0.4496	141	0.1964
33	-0.1326	83	-0.3726	142	0.1934
34	-0.0396	84	-0.4386	143	0.1954
35	-0.0126	85	-0.4126	145	0.0064
36	-0.0106	86	-0.3456	147	0.1944
37	-0.0256	87	-0.2836	151	-0.0356
38	-0.0386	88	-0.2966	152	-0.2126
39	-0.0656	89	-0.4466	153	-0.2576
40	-0.1106	90	-0.4626	154	-0.3166
41	-0.2366	91	-0.4496	155	0.0074
42	-0.4226	92	-0.4016	156	0.0364
43	-0.6816	93	-0.3386	157	-0.1246
44	-0.3966	94	-0.3286	158	0.2194
45	-0.0846	95	-0.4636	159	0.0844
46	0.0024	96	-0.0416	160	0.0034
47	-0.0086	97	-0.4076	161	-0.0876
48	-0.0236	98	0.2194	162	0.2204
49	-0.0346	99	0.1744	163	0.0824
50	-0.0516	100	-0.2746	164	0.1444
51	-0.0856	101	-0.6096	165	-0.1166

ORF	CP	ORF	CP	ORF	CP
166	0.3024	217	-0.0696	268	-0.4516
167	0.0984	218	-0.0066	269	-0.2706
168	0.0784	219	0.0214	270	-0.2086
169	-0.0256	220	-0.0056	271	-0.5536
170	0.0444	221	-0.3136	272	-0.4966
171	-0.0056	222	-0.3036	273	-0.1686
172	-0.1626	223	0.0954	274	-0.1696
173	-0.0626	224	0.1934	275	0.3914
174	-0.2036	225	0.2464	276	0.2884
175	-0.3026	226	0.1014	277	0.1314
176	-0.3396	227	-0.5626	278	-1.0226
177	-0.2326	228	-0.5416	279	-0.9546
178	-0.3506	229	-0.4986	280	-0.8416
179	-0.2856	230	-0.3626	281	-0.6246
180	-0.2726	231	-0.1376	282	-0.2976
181	0.2764	232	-0.0406	283	-0.1456
182	0.3944	233	0.0044	284	-0.0306
183	0.3404	234	-0.0086	285	-0.0526
184	0.5124	235	-0.1496	286	-0.5826
185	0.5434	236	-0.1346	287	-0.3476
186	0.5804	237	0.0594	288	-0.1366
187	0.6294	238	0.0624	289	-0.1826
188	0.7314	239	0.3454	290	-0.2836
189	0.7874	240	0.2354	291	-0.9726
190	0.3574	241	-0.9226	292	0.0764
191	-0.2776	242	-0.8496	325	0.0934
192	-0.2846	244	-0.4996	326	0.0934
193	-0.2846	245	-0.2356	327	0.0954
194	-0.2816	246	-0.1016	328	0.0934
195	-0.2876	247	-0.0076	329	0.0934
196	-0.2896	248	0.0044	330	0.0944
197	-0.2826	249	-0.0506	331	0.0944
198	-0.2856	250	0.1024	332	0.0974
199	-0.2826	251	-0.3696	333	0.0944
200	-0.2816	252	-0.3796	334	0.0954
201	-0.2776	253	0.3234	335	0.0954
202	-0.2766	254	0.1744	336	0.0934
203	-0.2866	255	-1.1026	337	0.0944
204	-0.2756	256	-1.0286	338	0.0944
205	0.3244	257	-0.9606	339	0.0964
206	0.3744	258	-0.7706	340	0.0944
207	0.3654	259	-0.2516	341	0.0944
208	0.3684	260	-0.0976	350	0.0924
210	0.3534	261	-0.0206	351	0.0954
211	0.2474	262	-0.0066	352	0.0944
212	0.1154	263	-0.2716	353	0.0944
213	-0.5856	264	-0.3106	354	0.0954
214	-0.5216	265	-0.3496	355	0.0954
215	-0.4466	266	-0.2866		
216	-0.2856	267	-0.3516		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 958
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.996
TUNNEL DYNAMIC PRESSURE(PSF) = 692.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 996.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -1.93
FIN ANGLE(DEG) = -0.23
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8727
247	0.8717
347	0.8717
447	0.8727
547	0.8717
647	0.8717
747	0.8717

ORF	CP	ORF	CP	ORF	CP
1	0.0917	52	-0.1093	102	-0.5413
2	-0.3753	53	-0.3323	103	-0.8663
3	-0.5573	54	-0.4723	104	-0.8433
4	-0.3083	55	-0.1093	105	-0.7273
5	-0.1513	56	0.0127	110	-0.2353
6	-0.0873	57	0.0317	111	-0.2693
7	-0.0513	58	0.0207	112	-0.1803
8	-0.0163	59	0.0097	113	-0.1603
9	-0.0083	60	-0.0083	114	0.0727
10	-0.0023	61	-0.0313	115	0.0737
11	-0.0063	62	-0.0703	116	0.0717
12	-0.0233	63	-0.1333	117	0.0737
13	-0.0563	64	-0.4993	118	0.0717
14	-0.2073	65	-0.4903	119	0.0737
15	-0.3363	66	-0.1093	120	-0.1703
16	-0.2513	67	0.0127	121	0.0697
17	-0.4493	68	0.0137	122	0.0677
18	-0.2863	69	-0.0003	123	0.0707
19	-0.0693	70	-0.0233	124	-0.0233
20	-0.0343	71	-0.0533	125	-0.0683
21	-0.0103	72	-0.0953	126	-0.0123
22	0.0097	73	-0.1793	127	-0.0413
23	-0.0033	74	-0.5013	128	-0.0043
24	0.0047	75	-0.1553	129	-0.1923
25	-0.0023	76	-0.0233	135	-0.0093
26	-0.0253	77	-0.0223	136	-0.0033
27	-0.0783	78	-0.0483	137	-0.0013
28	-0.2233	79	-0.0813	138	0.1277
29	-0.3673	80	-0.1133	139	0.1297
30	-0.3193	81	-0.2403	140	0.1267
32	-0.0303	82	-0.5023	141	0.1787
33	0.0217	83	-0.1423	142	0.1767
34	0.0157	84	-0.0593	143	0.1777
35	0.0147	85	-0.0683	145	-0.0043
36	0.0187	86	-0.0643	147	0.1767
37	0.0027	87	-0.1063	151	-0.0483
38	-0.0113	88	-0.2013	152	-0.2033
39	-0.0403	89	-0.5153	153	-0.2923
40	-0.0843	90	-0.2153	154	-0.3553
41	-0.2113	91	-0.0463	155	0.1537
42	-0.4013	92	-0.0733	156	0.0607
43	-0.1063	93	-0.1143	157	-0.1133
44	0.0207	94	-0.1873	158	0.3187
45	0.0217	95	-0.5073	159	0.1567
46	0.0257	96	-0.1903	160	0.0857
47	0.0197	97	-0.4483	161	-0.0333
48	0.0157	98	0.1437	162	0.2907
49	0.0017	99	0.0987	163	0.1607
50	-0.0183	100	-0.2393	164	0.1257
51	-0.0543	101	-0.6123	165	-0.0823

ORF	CP	ORF	CP	ORF	CP
166	0.3827	217	-0.1063	268	-0.4533
167	0.1497	218	-0.0063	269	-0.2973
168	0.1277	219	0.0287	270	-0.2243
169	0.0127	220	0.0017	271	-0.5633
170	0.1457	221	-0.3123	272	-0.5473
171	0.0127	222	-0.3273	273	-0.1873
172	-0.1603	223	0.1197	274	-0.1853
173	-0.0843	224	0.2177	275	0.4337
174	-0.1923	225	0.2737	276	0.3507
175	-0.3693	226	0.1117	277	0.1927
176	-0.3643	227	-0.5013	278	-1.0173
177	-0.2503	228	-0.4923	279	-0.9553
178	-0.3763	229	-0.4753	280	-0.8483
179	-0.2773	230	-0.3683	281	-0.6353
180	-0.2913	231	-0.1343	282	-0.2103
181	0.2667	232	-0.0293	283	-0.0573
182	0.4037	233	0.0097	284	0.0117
183	0.4197	234	-0.0023	285	-0.0193
184	0.6307	235	-0.1513	286	-0.5983
185	0.6657	236	-0.1433	287	-0.3763
186	0.6827	237	0.0767	288	-0.1323
187	0.6697	238	0.0307	289	-0.1843
188	0.7427	239	0.3097	290	-0.3113
189	0.7677	240	0.1887	291	-0.7573
190	0.3447	241	-0.6673	292	0.0117
191	-0.2893	242	-0.6403	325	0.0847
192	-0.2903	244	-0.4283	326	0.0817
193	-0.2893	245	-0.1743	327	0.0787
194	-0.2913	246	-0.0553	328	0.0817
195	-0.2953	247	0.0057	329	0.0807
196	-0.3023	248	0.0097	330	0.0817
197	-0.2973	249	-0.0483	331	0.0827
198	-0.2953	250	0.0837	332	0.0797
199	-0.2903	251	-0.3873	333	0.0817
200	-0.2983	252	-0.4113	334	0.0817
201	-0.2883	253	0.3667	335	0.0827
202	-0.2923	254	0.2187	336	0.0857
203	-0.2943	255	-1.0823	337	0.0847
204	-0.2913	256	-1.0153	338	0.0807
205	0.3167	257	-0.9303	339	0.0797
206	0.3507	258	-0.6733	340	0.0827
207	0.3517	259	-0.2133	341	0.0817
208	0.3517	260	-0.0443	350	0.0717
210	0.3687	261	0.0137	351	0.0737
211	0.3027	262	0.0217	352	0.0727
212	0.1657	263	-0.2603	353	0.0727
213	-0.6123	264	-0.3013	354	0.0737
214	-0.5443	265	-0.3783	355	0.0737
215	-0.4923	266	-0.3153		
216	-0.3363	267	-0.3393		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 959
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 693.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 993.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8751
247	0.8741
347	0.8741
447	0.8741
547	0.8711
647	0.8701
747	0.8701

ORF	CP	ORF	CP	ORF	CP
1	0.1301	52	-0.0569	102	-0.5699
2	-0.2739	53	-0.2909	103	-0.8459
3	-0.3559	54	-0.4549	104	-0.8309
4	-0.2219	55	0.1491	105	-0.7139
5	-0.1039	56	0.1261	110	-0.2419
6	-0.0309	57	0.1111	111	-0.2759
7	0.0101	58	0.0931	112	-0.1709
8	0.0291	59	0.0771	113	-0.1499
9	0.0391	60	0.0511	114	0.0631
10	0.0361	61	0.0221	115	0.0641
11	0.0311	62	-0.0179	116	0.0631
12	0.0161	63	-0.0849	117	0.0611
13	-0.0199	64	-0.4709	118	0.0651
14	-0.1759	65	-0.4679	119	0.0641
15	-0.2989	66	0.1451	120	-0.1899
16	-0.1379	67	0.1211	121	0.0611
17	-0.1449	68	0.0981	122	0.0631
18	-0.0759	69	0.0741	123	0.0611
19	-0.0299	70	0.0431	124	-0.0249
20	0.0041	71	0.0091	125	-0.0689
21	0.0321	72	-0.0379	126	-0.0189
22	0.0441	73	-0.1259	127	-0.0419
23	0.0471	74	-0.4889	128	-0.0029
24	0.0451	75	0.1321	129	-0.2059
25	0.0341	76	0.1021	135	-0.0109
26	0.0151	77	0.0641	136	0.0001
27	-0.0349	78	0.0261	137	0.0001
28	-0.1769	79	-0.0209	138	0.1281
29	-0.3329	80	-0.0759	139	0.1321
30	-0.0089	81	-0.2039	140	0.1261
32	0.0391	82	-0.4999	141	0.1751
33	0.0501	83	0.1071	142	0.1761
34	0.0581	84	0.0641	143	0.1741
35	0.0621	85	0.0071	145	-0.0039
36	0.0621	86	-0.0349	147	0.1751
37	0.0521	87	-0.0829	151	-0.0569
38	0.0381	88	-0.1759	152	-0.1969
39	0.0121	89	-0.5149	153	-0.3059
40	-0.0359	90	0.0081	154	-0.3669
41	-0.1499	91	-0.0159	155	0.1601
42	-0.3809	92	-0.0529	156	0.0931
43	0.1101	93	-0.0949	157	-0.0869
44	0.0991	94	-0.1659	158	0.4211
45	0.0971	95	-0.5179	159	0.2101
46	0.0911	96	-0.3589	160	0.1491
47	0.0811	97	-0.4659	161	0.0261
48	0.0711	98	0.0901	162	0.3381
49	0.0541	99	0.0521	163	0.2441
50	0.0341	100	-0.1989	164	0.1321
51	-0.0029	101	-0.6299	165	-0.0419

ORF	CP	ORF	CP	ORF	CP
166	0.3731	217	-0.1619	268	-0.4419
167	0.2201	218	-0.0329	269	-0.3119
168	0.1801	219	0.0361	270	-0.2339
169	0.0451	220	0.0151	271	-0.5689
170	0.1361	221	-0.2889	272	-0.5669
171	0.0871	222	-0.3129	273	-0.2099
172	-0.1269	223	0.1571	274	-0.1789
173	-0.0169	224	0.2361	275	0.4111
174	-0.1739	225	0.3271	276	0.3691
175	-0.3229	226	0.1811	277	0.2171
176	-0.3919	227	-0.5399	278	-0.6519
177	-0.2499	228	-0.5399	279	-0.6159
178	-0.3909	229	-0.5069	280	-0.5429
179	-0.3029	230	-0.3959	281	-0.3929
180	-0.2939	231	-0.1669	282	-0.1629
181	0.3141	232	-0.0309	283	-0.0309
182	0.4481	233	0.0291	284	0.0431
183	0.4361	234	0.0211	285	0.0051
184	0.6611	235	-0.1399	286	-0.6189
185	0.7531	236	-0.1159	287	-0.3809
186	0.8391	237	0.1121	288	-0.1259
187	0.8981	238	0.1161	289	-0.1639
188	0.9511	239	0.3151	290	-0.3049
189	0.9971	240	0.1961	291	-0.5369
190	0.2951	241	-0.5229	292	0.0111
191	-0.2869	242	-0.5199	325	0.0781
192	-0.2959	244	-0.3159	326	0.0761
193	-0.2869	245	-0.0969	327	0.0791
194	-0.2919	246	-0.0209	328	0.0771
195	-0.2879	247	0.0131	329	0.0781
196	-0.2979	248	0.0171	330	0.0781
197	-0.2809	249	-0.0399	331	0.0771
198	-0.2939	250	0.0781	332	0.0801
199	-0.2989	251	-0.3849	333	0.0791
200	-0.2929	252	-0.3759	334	0.0801
201	-0.2819	253	0.2971	335	0.0801
202	-0.2819	254	0.1561	336	0.0781
203	-0.2869	255	-0.5309	337	0.0801
204	-0.2909	256	-0.5309	338	0.0751
205	0.2951	257	-0.5039	339	0.0791
206	0.3301	258	-0.4059	340	0.0771
207	0.3241	259	-0.1549	341	0.0781
208	0.3261	260	-0.0229	350	0.0641
210	0.4231	261	0.0291	351	0.0621
211	0.3681	262	0.0231	352	0.0621
212	0.2111	263	-0.2269	353	0.0631
213	-0.6419	264	-0.3079	354	0.0621
214	-0.5799	265	-0.3799	355	0.0631
215	-0.5369	266	-0.3059		
216	-0.4029	267	-0.3029		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 960
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 693.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 993.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 2.05
FIN ANGLE(DEG) = 0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8761
247	0.8741
347	0.8741
447	0.8741
547	0.8731
647	0.8721
747	0.8721

ORF	CP	ORF	CP	ORF	CP
1	0.1161	52	-0.0379	102	-0.5629
2	-0.1859	53	-0.2759	103	-0.8669
3	-0.1869	54	-0.4039	104	-0.8399
4	-0.0769	55	0.2421	105	-0.7219
5	-0.0059	56	0.2011	110	-0.2359
6	0.0291	57	0.1781	111	-0.2699
7	0.0511	58	0.1531	112	-0.1559
8	0.0611	59	0.1271	113	-0.1319
9	0.0621	60	0.1001	114	0.0781
10	0.0601	61	0.0641	115	0.0761
11	0.0521	62	0.0171	116	0.0771
12	0.0321	63	-0.0519	117	0.0751
13	-0.0069	64	-0.4639	118	0.0761
14	-0.1659	65	-0.4439	119	0.0751
15	-0.2749	66	0.2461	120	-0.1899
16	-0.0229	67	0.1911	121	0.0751
17	-0.0099	68	0.1551	122	0.0771
18	0.0221	69	0.1211	123	0.0781
19	0.0461	70	0.0851	124	-0.0129
20	0.0641	71	0.0461	125	-0.0639
21	0.0751	72	-0.0059	126	-0.0079
22	0.0781	73	-0.0979	127	-0.0429
23	0.0741	74	-0.4739	128	0.0021
24	0.0661	75	0.2331	129	-0.2249
25	0.0531	76	0.1821	135	0.0031
26	0.0281	77	0.1311	136	0.0061
27	-0.0239	78	0.0821	137	0.0021
28	-0.1659	79	0.0201	138	0.1421
29	-0.2969	80	-0.0499	139	0.1451
30	0.0821	81	-0.1859	140	0.1391
32	0.1011	82	-0.4909	141	0.1801
33	0.1061	83	0.1881	142	0.1811
34	0.1001	84	0.1281	143	0.1831
35	0.0951	85	0.0481	145	0.0011
36	0.0921	86	-0.0259	147	0.1821
37	0.0801	87	-0.0849	151	-0.0619
38	0.0591	88	-0.1829	152	-0.1819
39	0.0281	89	-0.5169	153	-0.3049
40	-0.0219	90	0.0981	154	-0.3529
41	-0.1439	91	-0.0239	155	0.1761
42	-0.3249	92	-0.0639	156	0.0971
43	0.2031	93	-0.1089	157	-0.0809
44	0.1721	94	-0.1859	158	0.4961
45	0.1561	95	-0.5269	159	0.2351
46	0.1461	96	-0.6529	160	0.1851
47	0.1281	97	-0.4779	161	0.0691
48	0.1121	98	0.0191	162	0.3661
49	0.0881	99	-0.0279	163	0.2641
50	0.0621	100	-0.2109	164	0.1431
51	0.0201	101	-0.6139	165	-0.0229

ORF	CP	ORF	CP	ORF	CP
166	0.3611	217	-0.2239	268	-0.4189
167	0.2591	218	-0.0649	269	-0.3259
168	0.2071	219	0.0341	270	-0.2509
169	0.0601	220	0.0251	271	-0.5389
170	0.1451	221	-0.2599	272	-0.5459
171	0.1331	222	-0.2899	273	-0.2379
172	-0.1019	223	0.1871	274	-0.1989
173	0.0461	224	0.2671	275	0.3921
174	-0.1469	225	0.3981	276	0.3261
175	-0.2819	226	0.2361	277	0.1811
176	-0.3839	227	-0.7879	278	-0.5159
177	-0.2499	228	-0.8919	279	-0.4959
178	-0.3889	229	-0.6889	280	-0.4279
179	-0.2789	230	-0.5349	281	-0.2389
180	-0.2879	231	-0.2209	282	-0.0169
181	0.3471	232	-0.0319	283	0.0411
182	0.4831	233	0.0381	284	0.0621
183	0.4341	234	0.0361	285	0.0131
184	0.6721	235	-0.1319	286	-0.6009
185	0.7921	236	-0.0879	287	-0.3759
186	0.8981	237	0.1431	288	-0.1619
187	0.9861	238	0.1811	289	-0.1739
188	1.0701	239	0.3651	290	-0.3089
189	1.0831	240	0.2451	291	-0.4689
190	0.2461	241	-0.6349	292	-0.0279
191	-0.2709	242	-0.6159	325	0.0871
192	-0.2789	244	-0.4079	326	0.0851
193	-0.2789	245	-0.1629	327	0.0851
194	-0.2799	246	-0.0369	328	0.0871
195	-0.2749	247	0.0291	329	0.0851
196	-0.2939	248	0.0381	330	0.0861
197	-0.2789	249	-0.0159	331	0.0861
198	-0.2869	250	0.0821	332	0.0861
199	-0.2839	251	-0.3879	333	0.0881
200	-0.2839	252	-0.3739	334	0.0861
201	-0.2809	253	0.3071	335	0.0871
202	-0.2819	254	0.1601	336	0.0821
203	-0.2789	255	-0.5189	337	0.0871
204	-0.2839	256	-0.4899	338	0.0851
205	0.2901	257	-0.4459	339	0.0851
206	0.3191	258	-0.3079	340	0.0881
207	0.3081	259	-0.0739	341	0.0851
208	0.3071	260	0.0061	350	0.0771
210	0.4861	261	0.0421	351	0.0751
211	0.4101	262	0.0311	352	0.0751
212	0.2531	263	-0.2059	353	0.0771
213	-0.8699	264	-0.2949	354	0.0751
214	-0.7819	265	-0.3799	355	0.0721
215	-0.7319	266	-0.3179		
216	-0.5729	267	-0.2839		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 961
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.992
TUNNEL DYNAMIC PRESSURE(PSF) = 689.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 1000.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 3.99
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8696
247	0.8686
347	0.8686
447	0.8696
547	0.8556
647	0.8546
747	0.8546

ORF	CP	ORF	CP	ORF	CP
1	0.1706	52	-0.0134	102	-0.5794
2	-0.0704	53	-0.2654	103	-0.9004
3	-0.0584	54	-0.3614	104	-0.8594
4	0.0136	55	0.3176	105	-0.7504
5	0.0566	56	0.2656	110	-0.2544
6	0.0746	57	0.2376	111	-0.2894
7	0.0856	58	0.2036	112	-0.1754
8	0.0926	59	0.1726	113	-0.1524
9	0.0976	60	0.1376	114	0.0576
10	0.0956	61	0.0936	115	0.0576
11	0.0836	62	0.0386	116	0.0556
12	0.0626	63	-0.0444	117	0.0556
13	0.0196	64	-0.4574	118	0.0596
14	-0.1414	65	-0.4094	119	0.0576
15	-0.2544	66	0.3236	120	-0.2164
16	0.1026	67	0.2566	121	0.0566
17	0.0856	68	0.2086	122	0.0596
18	0.0946	69	0.1666	123	0.0576
19	0.1006	70	0.1236	124	-0.0594
20	0.1076	71	0.0776	125	-0.1004
21	0.1146	72	0.0176	126	-0.0354
22	0.1196	73	-0.0904	127	-0.0614
23	0.1126	74	-0.4454	128	-0.0154
24	0.1036	75	0.3036	129	-0.2624
25	0.0846	76	0.2316	135	-0.0164
26	0.0586	77	0.1736	136	-0.0214
27	0.0046	78	0.1186	137	-0.0184
28	-0.1434	79	0.0526	138	0.1206
29	-0.2764	80	-0.0304	139	0.1176
30	0.1946	81	-0.1854	140	0.1196
32	0.1656	82	-0.4864	141	0.1646
33	0.1536	83	0.2526	142	0.1606
34	0.1466	84	0.1856	143	0.1636
35	0.1406	85	0.0956	145	-0.0224
36	0.1356	86	0.0026	147	0.1626
37	0.1186	87	-0.0824	151	-0.0424
38	0.0956	88	-0.2014	152	-0.1574
39	0.0596	89	-0.5314	153	-0.2894
40	0.0016	90	0.1706	154	-0.3534
41	-0.1264	91	-0.0044	155	0.2046
42	-0.3024	92	-0.0814	156	0.1136
43	0.2736	93	-0.1474	157	-0.0654
44	0.2376	94	-0.2404	158	0.4826
45	0.2116	95	-0.5734	159	0.2256
46	0.1986	96	-0.6464	160	0.1806
47	0.1796	97	-0.5034	161	0.0636
48	0.1576	98	-0.2474	162	0.3666
49	0.1326	99	-0.3874	163	0.2666
50	0.0996	100	-0.3724	164	0.1166
51	0.0536	101	-0.6284	165	-0.0174

ORF	CP	ORF	CP	ORF	CP
166	0.3526	217	-0.3344	268	-0.4284
167	0.2646	218	-0.0954	269	-0.3624
168	0.1936	219	0.0276	270	-0.2824
169	0.0456	220	0.0076	271	-0.5434
170	0.0716	221	-0.2544	272	-0.5544
171	0.1406	222	-0.2834	273	-0.2694
172	-0.1054	223	0.2006	274	-0.2264
173	0.0786	224	0.2616	275	0.3566
174	-0.1384	225	0.3986	276	0.3336
175	-0.2674	226	0.2426	277	0.2026
176	-0.3914	227	-1.1184	278	-0.4464
177	-0.2234	228	-1.0634	279	-0.4084
178	-0.3554	229	-1.0034	280	-0.2784
179	-0.2274	230	-0.8804	281	-0.0894
180	-0.2964	231	-0.2674	282	0.0366
181	0.3286	232	-0.0284	283	0.0636
182	0.4516	233	0.0356	284	0.0856
183	0.4736	234	0.0366	285	0.0316
184	0.7436	235	-0.1424	286	-0.6194
185	0.8356	236	-0.0824	287	-0.3974
186	0.9066	237	0.1556	288	-0.1864
187	0.9916	238	0.2006	289	-0.1874
188	1.0386	239	0.3856	290	-0.3314
189	1.0846	240	0.2726	291	-0.5014
190	0.1566	241	-0.9274	292	-0.0844
191	-0.2834	242	-0.7274	325	0.0746
192	-0.2834	244	-0.4444	326	0.0726
193	-0.2804	245	-0.1974	327	0.0736
194	-0.2804	246	-0.0554	328	0.0746
195	-0.2774	247	0.0416	329	0.0756
196	-0.2984	248	0.0576	330	0.0746
197	-0.2894	249	-0.0044	331	0.0726
198	-0.2934	250	0.0686	332	0.0756
199	-0.2984	251	-0.4074	333	0.0766
200	-0.2844	252	-0.4164	334	0.0766
201	-0.2814	253	0.3476	335	0.0746
202	-0.2894	254	0.1956	336	0.0726
203	-0.2864	255	-0.5824	337	0.0746
204	-0.2864	256	-0.5464	338	0.0726
205	0.2446	257	-0.4944	339	0.0736
206	0.2606	258	-0.3244	340	0.0756
207	0.2666	259	-0.0804	341	0.0746
208	0.2766	260	0.0166	350	0.0566
210	0.4966	261	0.0646	351	0.0546
211	0.3646	262	0.0546	352	0.0556
212	0.1996	263	-0.2034	353	0.0586
213	-0.9624	264	-0.2924	354	0.0586
214	-0.9554	265	-0.4234	355	0.0606
215	-0.8944	266	-0.3554		
216	-0.7164	267	-0.2824		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 962
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.997
TUNNEL DYNAMIC PRESSURE(PSF) = 692.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = -0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.8746
247	0.8726
347	0.8736
447	0.8736
547	0.8756
647	0.8766
747	0.8766

ORF	CP	ORF	CP	ORF	CP
1	0.2616	52	0.0256	102	-0.5874
2	0.0326	53	-0.2394	103	-0.8854
3	0.0546	54	-0.2914	104	-0.8454
4	0.0946	55	0.3876	105	-0.7464
5	0.1206	56	0.3296	110	-0.2304
6	0.1366	57	0.2946	111	-0.2604
7	0.1506	58	0.2596	112	-0.1454
8	0.1506	59	0.2266	113	-0.1254
9	0.1516	60	0.1896	114	0.0766
10	0.1466	61	0.1426	115	0.0776
11	0.1376	62	0.0816	116	0.0766
12	0.1146	63	-0.0094	117	0.0766
13	0.0746	64	-0.4254	118	0.0786
14	-0.0984	65	-0.3364	119	0.0786
15	-0.2114	66	0.3886	120	-0.2254
16	0.2066	67	0.3216	121	0.0746
17	0.1776	68	0.2716	122	0.0766
18	0.1736	69	0.2246	123	0.0766
19	0.1766	70	0.1756	124	-0.0454
20	0.1726	71	0.1296	125	-0.0924
21	0.1776	72	0.0636	126	-0.0224
22	0.1796	73	-0.0574	127	-0.0564
23	0.1716	74	-0.3864	128	-0.1684
24	0.1636	75	0.3756	129	-0.2864
25	0.1406	76	0.2956	135	-0.0154
26	0.1126	77	0.2296	136	-0.0154
27	0.0596	78	0.1646	137	-0.0134
28	-0.0944	79	0.0866	138	0.1326
29	-0.2344	80	0.0016	139	0.1366
30	0.2936	81	-0.1644	140	0.1296
32	0.2416	82	-0.4414	141	0.1886
33	0.2316	83	0.3156	142	0.1816
34	0.2196	84	0.2506	143	0.1856
35	0.2076	85	0.1526	145	-0.0144
36	0.1986	86	0.0536	147	0.1806
37	0.1786	87	-0.0454	151	0.0256
38	0.1556	88	-0.1684	152	-0.1294
39	0.1186	89	-0.4834	153	-0.2204
40	0.0586	90	0.2386	154	-0.3384
41	-0.0684	91	0.0476	155	0.1696
42	-0.2564	92	-0.0564	156	0.1676
43	0.3596	93	-0.1364	157	-0.0194
44	0.3156	94	-0.2374	158	0.5166
45	0.2836	95	-0.5564	159	0.2756
46	0.2666	96	-0.6924	160	0.2366
47	0.2396	97	-0.4714	161	0.1146
48	0.2166	98	-0.7044	162	0.3866
49	0.1876	99	-0.6354	163	0.3036
50	0.1506	100	-0.6634	164	0.1346
51	0.0996	101	-0.6334	165	0.0106

ORF	CP	ORF	CP	ORF	CP
166	0.3136	217	-0.3334	268	-0.4134
167	0.2706	218	-0.1044	269	-0.3584
168	0.2116	219	0.0266	270	-0.2704
169	0.0556	220	0.0216	271	-0.5284
170	0.2036	221	-0.2144	272	-0.5484
171	0.1236	222	-0.2374	273	-0.2614
172	-0.1044	223	0.2366	274	-0.2164
173	0.0996	224	0.2606	275	0.3356
174	-0.0974	225	0.3806	276	0.4066
175	-0.2604	226	0.2306	277	0.2956
176	-0.3844	227	-1.1154	278	-0.3444
177	-0.1704	228	-1.0604	279	-0.2334
178	-0.3114	229	-1.0004	280	-0.0754
179	-0.2224	230	-0.8314	281	0.0556
180	-0.2884	231	-0.2364	282	0.1166
181	0.3836	232	-0.0494	283	0.1326
182	0.5086	233	0.0446	284	0.1606
183	0.3706	234	0.0496	285	0.0976
184	0.6026	235	-0.1064	286	-0.6194
185	0.7456	236	-0.0454	287	-0.4004
186	0.8686	237	0.1656	288	-0.1734
187	0.9616	238	0.2236	289	-0.1714
188	1.0396	239	0.4576	290	-0.3344
189	1.0756	240	0.3456	291	-0.5284
190	0.1216	241	-0.9434	292	-0.1064
191	-0.2604	242	-0.8134	325	0.0846
192	-0.2654	244	-0.4644	326	0.0876
193	-0.2674	245	-0.2164	327	0.0866
194	-0.2684	246	-0.0574	328	0.0886
195	-0.2594	247	0.0726	329	0.0886
196	-0.2804	248	0.0876	330	0.0876
197	-0.2764	249	0.0326	331	0.0886
198	-0.2784	250	0.0916	332	0.0866
199	-0.2844	251	-0.3854	333	0.0896
200	-0.2644	252	-0.4224	334	0.0886
201	-0.2654	253	0.4336	335	0.0886
202	-0.2804	254	0.2856	336	0.0846
203	-0.2714	255	-0.5514	337	0.0856
204	-0.2714	256	-0.5284	338	0.0866
205	0.2286	257	-0.4794	339	0.0856
206	0.2376	258	-0.3364	340	0.0876
207	0.2426	259	-0.0814	341	0.0886
208	0.2626	260	0.0536	350	0.0786
210	0.5156	261	0.1346	351	0.0796
211	0.3326	262	0.1226	352	0.0776
212	0.1816	263	-0.1624	353	0.0796
213	-0.9514	264	-0.2534	354	0.0806
214	-0.9394	265	-0.4294	355	0.0806
215	-0.8684	266	-0.3674		
216	-0.6944	267	-0.2454		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 963
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.995
TUNNEL DYNAMIC PRESSURE(PSF) = 691.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 996.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = -0.23
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.8726
247	0.8706
347	0.8716
447	0.8716
547	0.8676
647	0.8676
747	0.8676

ORF	CP	ORF	CP	ORF	CP
1	0.3626	52	0.0596	102	-0.6334
2	0.0996	53	-0.2214	103	-0.8634
3	0.1066	54	-0.2584	104	-0.8214
4	0.1516	55	0.4466	105	-0.7374
5	0.1786	56	0.3876	110	-0.2314
6	0.1976	57	0.3416	111	-0.2484
7	0.2046	58	0.3016	112	-0.1424
8	0.2096	59	0.2646	113	-0.1144
9	0.2096	60	0.2296	114	0.0776
10	0.2036	61	0.1796	115	0.0776
11	0.1896	62	0.1146	116	0.0786
12	0.1686	63	0.0156	117	0.0816
13	0.1266	64	-0.4124	118	0.0806
14	-0.0574	65	-0.2954	119	0.0816
15	-0.1784	66	0.4386	120	-0.2434
16	0.2936	67	0.3686	121	0.0776
17	0.2556	68	0.3146	122	0.0816
18	0.2486	69	0.2616	123	0.0786
19	0.2476	70	0.2106	124	-0.0694
20	0.2406	71	0.1596	125	-0.1224
21	0.2406	72	0.0876	126	-0.0504
22	0.2376	73	-0.0434	127	-0.0824
23	0.2266	74	-0.3424	128	-0.0704
24	0.2156	75	0.4146	129	-0.2894
25	0.1956	76	0.3346	135	-0.0274
26	0.1636	77	0.2656	136	-0.0254
27	0.1116	78	0.1946	137	-0.0224
28	-0.0524	79	0.1136	138	0.1206
29	-0.2074	80	0.0236	139	0.1266
30	0.3826	81	-0.1564	140	0.1236
32	0.3166	82	-0.4014	141	0.1886
33	0.3006	83	0.3486	142	0.1736
34	0.2816	84	0.2846	143	0.1816
35	0.2656	85	0.1896	145	-0.0264
36	0.2526	86	0.0806	147	0.1746
37	0.2306	87	-0.0144	151	0.0586
38	0.2056	88	-0.1624	152	-0.1144
39	0.1676	89	-0.4574	153	-0.2034
40	0.1056	90	0.2726	154	-0.3454
41	-0.0384	91	0.0716	155	0.1766
42	-0.2304	92	-0.0474	156	0.2166
43	0.4346	93	-0.1364	157	0.0126
44	0.3806	94	-0.2424	158	0.5866
45	0.3426	95	-0.5344	159	0.3246
46	0.3186	96	-0.7264	160	0.2896
47	0.2916	97	-0.4914	161	0.1566
48	0.2656	98	-0.9324	162	0.4456
49	0.2316	99	-0.8844	163	0.3566
50	0.1926	100	-0.6694	164	0.1176
51	0.1376	101	-0.6704	165	0.0616

ORF	CP	ORF	CP	ORF	CP
166	0.3146	217	-0.5144	268	-0.4294
167	0.2926	218	-0.1614	269	-0.3934
168	0.2476	219	0.0066	270	-0.2704
169	0.0816	220	0.0246	271	-0.5584
170	0.2936	221	-0.1984	272	-0.5894
171	0.1086	222	-0.2264	273	-0.2584
172	-0.1114	223	0.2356	274	-0.2144
173	0.0896	224	0.2476	275	0.2606
174	-0.0764	225	0.3386	276	0.5206
175	-0.2924	226	0.1886	277	0.4076
176	-0.4114	227	-1.0714	278	-0.3934
177	-0.1464	228	-1.0264	279	-0.2494
178	-0.3084	229	-0.9584	280	-0.0734
179	-0.2224	230	-0.7384	281	0.0976
180	-0.2904	231	-0.3154	282	0.1696
181	0.4396	232	-0.1314	283	0.1876
182	0.5666	233	0.0156	284	0.2116
183	0.2826	234	0.0416	285	0.1406
184	0.4856	235	-0.0994	286	-0.6604
185	0.6896	236	-0.0364	287	-0.4924
186	0.9296	237	0.1626	288	-0.1694
187	1.0206	238	0.2016	289	-0.1704
188	1.0786	239	0.4096	290	-0.3634
189	1.1186	240	0.3036	291	-0.5484
190	0.0706	241	-0.8224	292	-0.1544
191	-0.2654	242	-0.6994	325	0.0916
192	-0.2734	244	-0.4324	326	0.0906
193	-0.2774	245	-0.2114	327	0.0896
194	-0.2814	246	-0.0784	328	0.0906
195	-0.2594	247	0.0546	329	0.0916
196	-0.2944	248	0.0856	330	0.0926
197	-0.2814	249	0.0356	331	0.0906
198	-0.2844	250	0.0906	332	0.0916
199	-0.2854	251	-0.3694	333	0.0926
200	-0.2584	252	-0.4274	334	0.0916
201	-0.2714	253	0.5116	335	0.0936
202	-0.2854	254	0.3366	336	0.0906
203	-0.2854	255	-0.4874	337	0.0926
204	-0.2774	256	-0.4784	338	0.0896
205	0.1786	257	-0.4484	339	0.0896
206	0.1866	258	-0.3364	340	0.0926
207	0.1846	259	-0.1084	341	0.0916
208	0.2126	260	0.0456	350	0.0826
210	0.5286	261	0.1486	351	0.0806
211	0.2906	262	0.1576	352	0.0786
212	0.1656	263	-0.1454	353	0.0806
213	-0.9534	264	-0.2454	354	0.0826
214	-0.9224	265	-0.4664	355	0.0826
215	-0.8334	266	-0.4024		
216	-0.6784	267	-0.2294		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 964
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.994
TUNNEL DYNAMIC PRESSURE(PSF) = 690.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 998.
REYNOLDS NUMBER PER FOOT = 3.9660E 06
MODEL ANGLE OF ATTACK(DEG) = 11.99
FIN ANGLE(DEG) = -0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.8706
247	0.8696
347	0.8696
447	0.8706
547	0.8666
647	0.8666
747	0.8666

ORF	CP	ORF	CP	ORF	CP
1	0.4786	52	0.1176	102	-0.7154
2	0.1406	53	-0.1784	103	-0.9344
3	0.1956	54	-0.1474	104	-0.8924
4	0.2736	55	0.5436	105	-0.7214
5	0.3016	56	0.4826	110	-0.2224
6	0.3016	57	0.4376	111	-0.2204
7	0.3096	58	0.3926	112	-0.1534
8	0.3056	59	0.3496	113	-0.1314
9	0.2946	60	0.3036	114	0.0716
10	0.2856	61	0.2486	115	0.0726
11	0.2676	62	0.1766	116	0.0736
12	0.2446	63	0.0686	117	0.0726
13	0.2066	64	-0.3014	118	0.0736
14	0.0096	65	-0.1514	119	0.0746
15	-0.1194	66	0.5206	120	-0.2744
16	0.4246	67	0.4596	121	0.0686
17	0.3916	68	0.4006	122	0.0726
18	0.3796	69	0.3496	123	0.0716
19	0.3626	70	0.2936	124	-0.1054
20	0.3526	71	0.2296	125	-0.1564
21	0.3406	72	0.1456	126	-0.0824
22	0.3296	73	0.0046	127	-0.1214
23	0.3106	74	-0.1854	128	-0.1094
24	0.2946	75	0.4906	129	-0.3214
25	0.2726	76	0.4156	135	-0.0564
26	0.2376	77	0.3436	136	-0.0604
27	0.1796	78	0.2716	137	-0.0474
28	0.0036	79	0.1926	138	0.0976
29	-0.1414	80	0.0876	139	0.1036
30	0.5116	81	-0.1084	140	0.1026
32	0.4286	82	-0.2274	141	0.1976
33	0.4016	83	0.4166	142	0.1546
34	0.3806	84	0.3606	143	0.1766
35	0.3536	85	0.2676	145	-0.0564
36	0.3346	86	0.1626	147	0.1636
37	0.3076	87	0.0496	151	0.1086
38	0.2786	88	-0.1134	152	-0.0714
39	0.2366	89	-0.2814	153	-0.1624
40	0.1676	90	0.3446	154	-0.3484
41	0.0096	91	0.1506	155	0.2196
42	-0.1504	92	0.0186	156	0.2796
43	0.5416	93	-0.0834	157	0.0546
44	0.4886	94	-0.2054	158	0.6916
45	0.4456	95	-0.3794	159	0.3716
46	0.4136	96	-0.8204	160	0.3366
47	0.3806	97	-0.5264	161	0.1906
48	0.3446	98	-1.0204	162	0.5126
49	0.3086	99	-0.8674	163	0.4046
50	0.2636	100	-0.7504	164	0.1016
51	0.2046	101	-0.7314	165	0.0806

ORF	CP	ORF	CP	ORF	CP
166	0.3686	217	-0.6744	268	-0.4264
167	0.3396	218	-0.4054	269	-0.4384
168	0.2756	219	-0.0254	270	-0.2754
169	0.0836	220	0.0396	271	-0.6014
170	0.3596	221	-0.1414	272	-0.6154
171	0.1336	222	-0.1504	273	-0.2604
172	-0.1074	223	0.2666	274	-0.2184
173	0.1426	224	0.2786	275	0.1756
174	-0.0114	225	0.3076	276	0.6956
175	-0.2744	226	0.1736	277	0.5116
176	-0.4564	227	-1.0864	278	-0.4374
177	-0.1054	228	-1.0294	279	-0.3604
178	-0.2734	229	-0.9484	280	-0.1534
179	-0.1614	230	-0.7744	281	0.1806
180	-0.3254	231	-0.4854	282	0.3066
181	0.5086	232	-0.2514	283	0.2996
182	0.6576	233	-0.0374	284	0.2966
183	0.2946	234	0.0396	285	0.2126
184	0.4706	235	-0.0474	286	-0.7264
185	0.7536	236	0.0306	287	-0.4634
186	1.0746	237	0.1976	288	-0.1724
187	1.1606	238	0.2296	289	-0.1664
188	1.1276	239	0.3446	290	-0.4194
189	1.0986	240	0.2486	291	-0.5594
190	0.0216	241	-0.7644	292	-0.2834
191	-0.2614	242	-0.6994	325	0.0896
192	-0.2884	244	-0.4704	326	0.0936
193	-0.2954	245	-0.2704	327	0.0936
194	-0.2934	246	-0.1254	328	0.0926
195	-0.2594	247	0.0456	329	0.0936
196	-0.3104	248	0.1086	330	0.0936
197	-0.3154	249	0.0836	331	0.0936
198	-0.3064	250	0.0876	332	0.0956
199	-0.2984	251	-0.3414	333	0.0926
200	-0.2704	252	-0.4684	334	0.0956
201	-0.2764	253	0.5596	335	0.0946
202	-0.3114	254	0.3456	336	0.0896
203	-0.2994	255	-0.4514	337	0.0896
204	-0.2774	256	-0.4134	338	0.0936
205	0.0836	257	-0.3824	339	0.0926
206	0.0466	258	-0.2474	340	0.0936
207	0.0766	259	-0.0274	341	0.0936
208	0.1116	260	0.0756	350	0.0766
210	0.5506	261	0.1756	351	0.0726
211	0.2096	262	0.2026	352	0.0756
212	0.1366	263	-0.0894	353	0.0736
213	-0.9474	264	-0.2174	354	0.0726
214	-0.9104	265	-0.4774	355	0.0736
215	-0.8194	266	-0.4474		
216	-0.6464	267	-0.1654		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 965
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 695.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 990.
REYNOLDS NUMBER PER FOOT = 3.9740E 06
MODEL ANGLE OF ATTACK(DEG) = 14.16
FIN ANGLE(DEG) = -0.09
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.8785
247	0.8765
347	0.8775
447	0.8775
547	0.8835
647	0.8835
747	0.8835

ORF	CP	ORF	CP	ORF	CP
1	0.5505	52	0.1575	102	-0.7825
2	0.1775	53	-0.1395	103	-0.9365
3	0.2495	54	-0.1065	104	-0.9125
4	0.3515	55	0.5915	105	-0.7175
5	0.3785	56	0.5355	110	-0.2045
6	0.3765	57	0.4895	111	-0.2065
7	0.3715	58	0.4415	112	-0.1575
8	0.3635	59	0.3965	113	-0.1455
9	0.3525	60	0.3485	114	0.0875
10	0.3405	61	0.2915	115	0.0885
11	0.3245	62	0.2185	116	0.0875
12	0.2995	63	0.1075	117	0.0855
13	0.2565	64	-0.1725	118	0.0855
14	0.0565	65	-0.1235	119	0.0855
15	-0.0705	66	0.5655	120	-0.2625
16	0.4985	67	0.5045	121	0.0835
17	0.4715	68	0.4485	122	0.0855
18	0.4565	69	0.3965	123	0.0875
19	0.4385	70	0.3365	124	-0.1175
20	0.4195	71	0.2725	125	-0.1635
21	0.4055	72	0.1875	126	-0.0955
22	0.3875	73	0.0495	127	-0.1345
23	0.3685	74	-0.1545	128	-0.2645
24	0.3495	75	0.5315	129	-0.3455
25	0.3235	76	0.4615	135	-0.0715
26	0.2885	77	0.3915	136	-0.0605
27	0.2305	78	0.3195	137	-0.0535
28	0.0495	79	0.2365	138	0.1005
29	-0.0915	80	0.1305	139	0.0875
30	0.5765	81	-0.0615	140	0.1045
32	0.4885	82	-0.1915	141	0.2285
33	0.4645	83	0.4565	142	0.1865
34	0.4365	84	0.4045	143	0.2015
35	0.4105	85	0.3125	145	-0.0705
36	0.3905	86	0.2065	147	0.1805
37	0.3615	87	0.0925	151	0.1515
38	0.3295	88	-0.0715	152	-0.0565
39	0.2845	89	-0.2475	153	-0.1335
40	0.2115	90	0.3835	154	-0.3235
41	0.0505	91	0.1965	155	0.1685
42	-0.0965	92	0.0675	156	0.3095
43	0.5985	93	-0.0395	157	0.0835
44	0.5435	94	-0.1685	158	0.7045
45	0.4995	95	-0.3525	159	0.3805
46	0.4645	96	-0.8155	160	0.3395
47	0.4295	97	-0.7855	161	0.2005
48	0.3955	98	-0.9735	162	0.5185
49	0.3565	99	-0.8375	163	0.3925
50	0.3115	100	-0.7215	164	0.0795
51	0.2485	101	-0.7855	165	0.0735

ORF	CP	ORF	CP	ORF	CP
166	0.3985	217	-0.6495	268	-0.4275
167	0.3295	218	-0.4885	269	-0.5105
168	0.2435	219	-0.0295	270	-0.2865
169	0.0555	220	0.0535	271	-0.6355
170	0.3755	221	-0.1325	272	-0.6325
171	0.1265	222	-0.0805	273	-0.3125
172	-0.1095	223	0.3025	274	-0.2245
173	0.1725	224	0.3175	275	0.1445
174	0.0195	225	0.2925	276	0.8325
175	-0.2405	226	0.1635	277	0.6045
176	-0.4485	227	-1.0635	278	-0.4235
177	-0.0835	228	-1.0025	279	-0.3735
178	-0.2345	229	-0.9155	280	-0.2055
179	-0.1585	230	-0.7265	281	0.2155
180	-0.3445	231	-0.4925	282	0.3955
181	0.5475	232	-0.2785	283	0.3735
182	0.7005	233	-0.0495	284	0.3595
183	0.2805	234	0.0475	285	0.2715
184	0.4495	235	-0.0215	286	-0.7825
185	0.6785	236	0.0585	287	-0.5485
186	0.9935	237	0.2255	288	-0.1885
187	1.1115	238	0.2505	289	-0.1765
188	1.0915	239	0.3045	290	-0.4895
189	1.0805	240	0.2195	291	-0.5455
190	-0.0145	241	-0.6985	292	-0.3205
191	-0.2605	242	-0.6555	325	0.0905
192	-0.2795	244	-0.4545	326	0.0905
193	-0.2875	245	-0.2675	327	0.0925
194	-0.3015	246	-0.1175	328	0.0925
195	-0.2515	247	0.0555	329	0.0925
196	-0.3075	248	0.1275	330	0.0885
197	-0.3085	249	0.1125	331	0.0905
198	-0.3095	250	0.0955	332	0.0935
199	-0.3105	251	-0.3225	333	0.0945
200	-0.2655	252	-0.4805	334	0.0935
201	-0.2855	253	0.5475	335	0.0895
202	-0.2985	254	0.3525	336	0.0905
203	-0.2915	255	-0.4565	337	0.0915
204	-0.2735	256	-0.4015	338	0.0895
205	0.0695	257	-0.3495	339	0.0925
206	0.0685	258	-0.1685	340	0.0935
207	0.0745	259	0.0405	341	0.0925
208	0.1015	260	0.1275	350	0.0875
210	0.5675	261	0.2095	351	0.0875
211	0.1305	262	0.2375	352	0.0875
212	0.0905	263	-0.0605	353	0.0835
213	-0.9365	264	-0.2035	354	0.0875
214	-0.9005	265	-0.4755	355	0.0885
215	-0.8095	266	-0.5215		
216	-0.6285	267	-0.1155		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 966
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 48.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 694.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 991.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = 0.07
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.8770
247	0.8740
347	0.8750
447	0.8760
547	0.8800
647	0.8790
747	0.8800

ORF	CP	ORF	CP	ORF	CP
1	0.1350	52	-0.0550	102	-0.5670
2	-0.2730	53	-0.2900	103	-0.8430
3	-0.3260	54	-0.4510	104	-0.8280
4	-0.2010	55	0.1510	105	-0.7110
5	-0.0970	56	0.1280	110	-0.2300
6	-0.0330	57	0.1150	111	-0.2650
7	0.0140	58	0.0950	112	-0.1670
8	0.0320	59	0.0750	113	-0.1350
9	0.0410	60	0.0570	114	0.0750
10	0.0420	61	0.0240	115	0.0750
11	0.0350	62	-0.0150	116	0.0750
12	0.0200	63	-0.0800	117	0.0760
13	-0.0140	64	-0.4690	118	0.0720
14	-0.1730	65	-0.4640	119	0.0730
15	-0.2970	66	0.1470	120	-0.1720
16	-0.1500	67	0.1250	121	0.0740
17	-0.1750	68	0.1000	122	0.0730
18	-0.0720	69	0.0770	123	0.0750
19	-0.0200	70	0.0460	124	-0.0210
20	0.0130	71	0.0130	125	-0.0550
21	0.0340	72	-0.0360	126	-0.0060
22	0.0480	73	-0.1230	127	-0.0280
23	0.0510	74	-0.4850	128	0.0150
24	0.0490	75	0.1380	129	-0.2000
25	0.0370	76	0.1040	135	0.0050
26	0.0150	77	0.0660	136	0.0070
27	-0.0280	78	0.0280	137	0.0120
28	-0.1750	79	-0.0180	138	0.1440
29	-0.3290	80	-0.0730	139	0.1450
30	-0.0040	81	-0.2030	140	0.1450
32	0.0450	82	-0.4980	141	0.1880
33	0.0590	83	0.1090	142	0.1880
34	0.0660	84	0.0660	143	0.1870
35	0.0700	85	0.0100	145	0.0090
36	0.0650	86	-0.0340	147	0.1880
37	0.0570	87	-0.0790	151	-0.0500
38	0.0390	88	-0.1730	152	-0.1910
39	0.0150	89	-0.5120	153	-0.2990
40	-0.0320	90	0.0110	154	-0.3530
41	-0.1500	91	-0.0120	155	0.1570
42	-0.3750	92	-0.0530	156	0.0950
43	0.1130	93	-0.0920	157	-0.0850
44	0.1070	94	-0.1620	158	0.4300
45	0.1000	95	-0.5160	159	0.2140
46	0.0950	96	-0.3350	160	0.1580
47	0.0850	97	-0.4640	161	0.0390
48	0.0730	98	0.0910	162	0.3370
49	0.0600	99	0.0540	163	0.2290
50	0.0380	100	-0.1950	164	0.1450
51	0.0000	101	-0.6260	165	-0.0370

ORF	CP	ORF	CP	ORF	CP
166	0.3800	217	-0.1540	268	-0.4350
167	0.2180	218	-0.0240	269	-0.3030
168	0.1780	219	0.0480	270	-0.2200
169	0.0490	220	0.0240	271	-0.5590
170	0.1390	221	-0.2820	272	-0.5650
171	0.0950	222	-0.3050	273	-0.2020
172	-0.1250	223	0.1680	274	-0.1750
173	-0.0160	224	0.2490	275	0.4280
174	-0.1660	225	0.3380	276	0.3810
175	-0.3200	226	0.1810	277	0.2300
176	-0.3790	227	-0.5340	278	-0.6640
177	-0.2430	228	-0.5300	279	-0.6140
178	-0.3870	229	-0.5030	280	-0.5400
179	-0.2980	230	-0.4070	281	-0.3980
180	-0.2850	231	-0.1670	282	-0.1580
181	0.3280	232	-0.0310	283	-0.0180
182	0.4460	233	0.0400	284	0.0500
183	0.4410	234	0.0280	285	0.0100
184	0.6660	235	-0.1320	286	-0.6140
185	0.7450	236	-0.1090	287	-0.3780
186	0.8170	237	0.1200	288	-0.1230
187	0.8850	238	0.1220	289	-0.1610
188	0.9530	239	0.3250	290	-0.2980
189	0.9690	240	0.2050	291	-0.5230
190	0.2980	241	-0.5080	292	0.0080
191	-0.2820	242	-0.5140	325	0.0810
192	-0.2850	244	-0.3330	326	0.0800
193	-0.2820	245	-0.0940	327	0.0790
194	-0.2820	246	-0.0200	328	0.0790
195	-0.2870	247	0.0230	329	0.0810
196	-0.3040	248	0.0230	330	0.0800
197	-0.2840	249	-0.0350	331	0.0800
198	-0.2850	250	0.0850	332	0.0800
199	-0.2890	251	-0.3690	333	0.0810
200	-0.2820	252	-0.3670	334	0.0810
201	-0.2790	253	0.3030	335	0.0800
202	-0.2860	254	0.1630	336	0.0790
203	-0.2780	255	-0.5320	337	0.0810
204	-0.2750	256	-0.5190	338	0.0800
205	0.3050	257	-0.4960	339	0.0790
206	0.3350	258	-0.3970	340	0.0790
207	0.3360	259	-0.1550	341	0.0800
208	0.3370	260	-0.0130	350	0.0750
210	0.4260	261	0.0340	351	0.0750
211	0.3700	262	0.0300	352	0.0720
212	0.2200	263	-0.2210	353	0.0740
213	-0.6280	264	-0.3000	354	0.0750
214	-0.5650	265	-0.3660	355	0.0740
215	-0.5210	266	-0.2980		
216	-0.3940	267	-0.2960		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 967
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.948
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1908.
TUNNEL STATIC PRESSURE(PSF) = 1069.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -14.26
FIN ANGLE(DEG) = -0.32
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7876
247	0.7876
347	0.7886
447	0.7876
547	0.7846
647	0.7836
747	0.7846

ORF	CP	ORF	CP	ORF	CP
1	-0.8494	52	-0.8384	102	-0.7244
2	-0.9624	53	-0.8004	103	-0.9164
3	-0.9484	54	-0.7964	104	-0.8964
4	-0.9894	55	-1.0574	105	-0.7044
5	-0.9804	56	-1.0324	110	-0.2274
6	-0.9664	57	-1.0224	111	-0.2904
7	-0.9504	58	-1.0174	112	-0.1854
8	-0.8704	59	-1.0034	113	-0.1624
9	-0.7164	60	-0.9804	114	0.0906
10	-0.5114	61	-0.9544	115	0.0896
11	-0.3304	62	-0.9144	116	0.0906
12	-0.3214	63	-0.8734	117	0.0926
13	-0.3844	64	-0.8364	118	0.0906
14	-0.5044	65	-0.8274	119	0.0906
15	-0.6074	66	-0.9714	120	-0.0454
16	-1.1254	67	-0.9504	121	0.0916
17	-1.2364	68	-0.9294	122	0.0926
18	-1.3054	69	-0.9244	123	0.0896
19	-1.2794	70	-0.9104	124	-0.0604
20	-1.1794	71	-0.8874	125	-0.0714
21	-1.0994	72	-0.8644	126	-0.0564
22	-1.0934	73	-0.8454	127	-0.0644
23	-1.0314	74	-0.8164	128	-0.0554
24	-0.8214	75	-0.8604	129	-0.0924
25	-0.7164	76	-0.8524	135	-0.0494
26	-0.6944	77	-0.8244	136	-0.0394
27	-0.5554	78	-0.8034	137	-0.0554
28	-0.5444	79	-0.7924	138	0.0606
29	-0.6854	80	-0.7824	139	0.0616
30	-1.3044	81	-0.7654	140	0.0566
32	-1.1454	82	-0.7504	141	0.1526
33	-1.0984	83	-0.6704	142	0.1156
34	-1.0974	84	-0.7734	143	0.1476
35	-1.0724	85	-0.7544	145	-0.0714
36	-1.0224	86	-0.7434	147	0.1046
37	-0.9594	87	-0.7414	151	-0.1614
38	-0.9254	88	-0.7304	152	-0.2384
39	-0.8424	89	-0.7164	153	-0.2554
40	-0.7874	90	-0.7224	154	-0.2714
41	-0.7974	91	-0.7164	155	-0.1034
42	-0.7114	92	-0.7024	156	-0.1784
43	-1.0634	93	-0.7014	157	-0.2364
44	-1.0604	94	-0.6934	158	0.0286
45	-1.0624	95	-0.6954	159	-0.1174
46	-1.0564	96	0.2146	160	-0.1674
47	-1.0504	97	-0.4024	161	-0.2054
48	-1.0324	98	0.4146	162	0.0756
49	-0.9904	99	0.3126	163	-0.0314
50	-0.9394	100	-0.2944	164	0.0536
51	-0.8854	101	-0.7444	165	-0.1884

ORF	CP	ORF	CP	ORF	CP
166	0.1506	217	-0.2374	268	-0.5494
167	-0.0114	218	-0.1834	269	-0.2694
168	-0.0264	219	-0.1714	270	-0.2044
169	-0.1204	220	-0.1734	271	-0.6954
170	-0.1074	221	-0.4584	272	-0.6034
171	-0.1154	222	-0.4154	273	-0.1714
172	-0.2154	223	-0.0704	274	-0.1534
173	-0.1534	224	0.0886	275	0.1426
174	-0.2344	225	0.0136	276	-0.3764
175	-0.2844	226	-0.1244	277	-0.3874
176	-0.3074	227	-0.6534	278	-1.2784
177	-0.3284	228	-0.6444	279	-1.2284
178	-0.3634	229	-0.6244	280	-1.1454
179	-0.2914	230	-0.5164	281	-1.0764
180	-0.2634	231	-0.3094	282	-0.9364
181	-0.0414	232	-0.2474	283	-0.9254
182	0.0586	233	-0.2264	284	-0.5944
183	0.1466	234	-0.2004	285	-0.3474
184	0.3586	235	-0.3114	286	-0.7134
185	0.3666	236	-0.2594	287	-0.6404
186	0.3806	237	-0.0724	288	-0.1604
187	0.3826	238	-0.1114	289	-0.1704
188	0.4126	239	-0.0034	290	-0.2574
189	0.4536	240	-0.0714	291	-0.9984
190	0.5136	241	-1.1594	292	0.1486
191	-0.2614	242	-1.0284	325	0.1016
192	-0.2514	244	-0.6604	326	0.1046
193	-0.2564	245	-0.5064	327	0.1036
194	-0.2614	246	-0.4504	328	0.1036
195	-0.2804	247	-0.3454	329	0.1056
196	-0.2774	248	-0.2194	330	0.1036
197	-0.2694	249	-0.2524	331	0.1046
198	-0.2724	250	0.1036	332	0.1046
199	-0.2704	251	-0.3154	333	0.1026
200	-0.2834	252	-0.3044	334	0.1066
201	-0.2754	253	0.0706	335	0.1046
202	-0.2724	254	-0.0364	336	0.1026
203	-0.2744	255	-1.2654	337	0.1006
204	-0.2844	256	-1.1864	338	0.1036
205	-0.0434	257	-1.1204	339	0.1036
206	0.1826	258	-1.0174	340	0.1036
207	0.0086	259	-0.9894	341	0.1046
208	0.0336	260	-0.9684	350	0.0946
210	0.0996	261	-0.4794	351	0.0896
211	0.0746	262	-0.3074	352	0.0916
212	-0.0544	263	-0.6224	353	0.0926
213	-0.7114	264	-0.4794	354	0.0906
214	-0.6274	265	-0.3364	355	0.0916
215	-0.5734	266	-0.2604		
216	-0.3794	267	-0.6744		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 968
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = -0.23
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7893
247	0.7883
347	0.7883
447	0.7883
547	0.7913
647	0.7903
747	0.7903

ORF	CP	ORF	CP	ORF	CP
1	-0.7477	52	-0.7057	102	-0.6477
2	-0.9917	53	-0.6867	103	-0.8997
3	-0.9317	54	-0.6277	104	-0.8537
4	-0.9447	55	-1.1647	105	-0.6717
5	-0.9327	56	-1.1087	110	-0.2517
6	-0.8977	57	-1.0637	111	-0.2877
7	-0.8457	58	-1.0437	112	-0.1167
8	-0.7897	59	-1.0097	113	-0.1207
9	-0.6847	60	-0.9797	114	0.1013
10	-0.4797	61	-0.9567	115	0.1023
11	-0.2837	62	-0.9497	116	0.1023
12	-0.2197	63	-0.9437	117	0.1023
13	-0.2057	64	-0.9017	118	0.1023
14	-0.3567	65	-0.8527	119	0.1033
15	-0.4777	66	-1.0387	120	-0.0247
16	-1.0477	67	-1.0167	121	0.1023
17	-1.1497	68	-0.9907	122	0.1023
18	-1.1697	69	-0.9707	123	0.1013
19	-1.1377	70	-0.9467	124	-0.0307
20	-1.1087	71	-0.9187	125	-0.0387
21	-1.0797	72	-0.8897	126	-0.0267
22	-1.0407	73	-0.8527	127	-0.0367
23	-0.9547	74	-0.7907	128	-0.0207
24	-0.7397	75	-0.9207	129	-0.0707
25	-0.4947	76	-0.9067	135	-0.0177
26	-0.2887	77	-0.8917	136	-0.0317
27	-0.2047	78	-0.8747	137	-0.0187
28	-0.3167	79	-0.8447	138	0.0863
29	-0.4887	80	-0.8097	139	0.0853
30	-1.2537	81	-0.7727	140	0.0813
32	-1.1887	82	-0.7387	141	0.1553
33	-1.1327	83	-0.7277	142	0.1233
34	-1.0527	84	-0.8347	143	0.1603
35	-0.9787	85	-0.8217	145	-0.0357
36	-0.8327	86	-0.8057	147	0.1243
37	-0.6557	87	-0.7727	151	-0.1457
38	-0.5107	88	-0.7357	152	-0.2127
39	-0.4457	89	-0.6917	153	-0.2307
40	-0.4567	90	-0.7697	154	-0.2547
41	-0.5527	91	-0.7627	155	-0.0757
42	-0.6367	92	-0.7287	156	-0.1687
43	-1.3127	93	-0.6967	157	-0.2137
44	-1.3077	94	-0.6827	158	0.0683
45	-1.2857	95	-0.6647	159	-0.0737
46	-1.2337	96	0.1623	160	-0.1367
47	-1.1427	97	-0.4227	161	-0.1787
48	-1.0377	98	0.3793	162	0.1973
49	-0.9707	99	0.2793	163	0.0433
50	-0.9117	100	-0.3127	164	0.0883
51	-0.8037	101	-0.6967	165	-0.1417

ORF	CP	ORF	CP	ORF	CP
166	0.3173	217	-0.1877	268	-0.6037
167	0.0923	218	-0.1497	269	-0.2497
168	0.0923	219	-0.1357	270	-0.1947
169	-0.0167	220	-0.1397	271	-0.6427
170	0.0313	221	-0.4497	272	-0.5957
171	-0.0637	222	-0.4147	273	-0.1557
172	-0.1967	223	-0.0437	274	-0.1427
173	-0.1527	224	0.1003	275	0.1883
174	-0.2207	225	0.1093	276	-0.2587
175	-0.3297	226	-0.0487	277	-0.2937
176	-0.3247	227	-0.6887	278	-1.2517
177	-0.3057	228	-0.6617	279	-1.1797
178	-0.3057	229	-0.6387	280	-1.0737
179	-0.2557	230	-0.5327	281	-0.9647
180	-0.2667	231	-0.3407	282	-0.8377
181	-0.0667	232	-0.2387	283	-0.8737
182	0.0353	233	-0.2077	284	-0.5697
183	0.1563	234	-0.1817	285	-0.2217
184	0.3083	235	-0.2907	286	-0.6817
185	0.3703	236	-0.2477	287	-0.5297
186	0.3743	237	-0.0297	288	-0.1497
187	0.3683	238	-0.0867	289	-0.1547
188	0.4053	239	0.0363	290	-0.2547
189	0.4273	240	-0.0557	291	-1.0517
190	0.5143	241	-1.0347	292	0.1453
191	-0.2717	242	-0.9127	325	0.1053
192	-0.2597	244	-0.5617	326	0.1073
193	-0.2557	245	-0.4397	327	0.1083
194	-0.2627	246	-0.3977	328	0.1063
195	-0.2807	247	-0.2987	329	0.1043
196	-0.2767	248	-0.1847	330	0.1063
197	-0.2727	249	-0.1957	331	0.1083
198	-0.2747	250	0.1093	332	0.1093
199	-0.2767	251	-0.3387	333	0.1093
200	-0.2807	252	-0.3137	334	0.1063
201	-0.2727	253	0.0863	335	0.1083
202	-0.2677	254	-0.0207	336	0.1063
203	-0.2767	255	-1.2527	337	0.1063
204	-0.2787	256	-1.1647	338	0.1063
205	0.0613	257	-1.0817	339	0.1093
206	0.2293	258	-0.9307	340	0.1063
207	0.1023	259	-0.8997	341	0.1053
208	0.1243	260	-0.7957	350	0.1013
210	0.1193	261	-0.5097	351	0.1073
211	0.1383	262	-0.2137	352	0.1023
212	0.0253	263	-0.4547	353	0.1033
213	-0.8287	264	-0.4787	354	0.1033
214	-0.6157	265	-0.3147	355	0.1043
215	-0.5157	266	-0.2527		
216	-0.3137	267	-0.5287		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 969
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.944
TUNNEL DYNAMIC PRESSURE(PSF) = 671.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 1076.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.32
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7804
247	0.7794
347	0.7794
447	0.7804
547	0.7774
647	0.7774
747	0.7774

ORF	CP	ORF	CP	ORF	CP
1	-0.4746	52	-0.2266	102	-0.6156
2	-0.8396	53	-0.4666	103	-0.8126
3	-0.8496	54	-0.5396	104	-0.7986
4	-0.8526	55	-1.1746	105	-0.7026
5	-0.7966	56	-1.1486	110	-0.2886
6	-0.7126	57	-1.0676	111	-0.2106
7	-0.5396	58	-0.9836	112	-0.0476
8	-0.3766	59	-0.8906	113	-0.0856
9	-0.2806	60	-0.7996	114	0.0784
10	-0.2226	61	-0.6276	115	0.0794
11	-0.1886	62	-0.3236	116	0.0784
12	-0.1726	63	-0.1726	117	0.0774
13	-0.1856	64	-0.4946	118	0.0794
14	-0.3456	65	-0.4846	119	0.0774
15	-0.4786	66	-0.9926	120	-0.0556
16	-0.8416	67	-1.0076	121	0.0784
17	-0.8786	68	-1.0266	122	0.0784
18	-0.8836	69	-1.0076	123	0.0784
19	-0.8686	70	-0.9896	124	-0.0196
20	-0.8066	71	-0.9856	125	-0.0396
21	-0.6586	72	-0.9576	126	-0.0216
22	-0.5386	73	-0.8446	127	-0.0266
23	-0.4326	74	-0.5536	128	-0.0066
24	-0.3106	75	-0.8766	129	-0.0936
25	-0.2346	76	-0.9126	135	-0.0046
26	-0.1996	77	-0.9586	136	-0.0226
27	-0.2046	78	-0.9846	137	-0.0086
28	-0.3346	79	-0.9736	138	0.0834
29	-0.4966	80	-0.9386	139	0.0764
30	-1.0766	81	-0.8476	140	0.0764
32	-0.9196	82	-0.7516	141	0.1114
33	-0.8156	83	-0.6876	142	0.0914
34	-0.6516	84	-0.7946	143	0.1214
35	-0.4766	85	-0.8086	145	-0.0246
36	-0.3446	86	-0.7956	147	0.0874
37	-0.2696	87	-0.7846	151	-0.1316
38	-0.2366	88	-0.7436	152	-0.1996
39	-0.2426	89	-0.6746	153	-0.2316
40	-0.2876	90	-0.6946	154	-0.2506
41	-0.4116	91	-0.6526	155	-0.0306
42	-0.5526	92	-0.6386	156	-0.1186
43	-1.1986	93	-0.6296	157	-0.1946
44	-1.1446	94	-0.6156	158	0.0444
45	-1.0556	95	-0.6326	159	-0.0386
46	-0.9196	96	0.0324	160	-0.0926
47	-0.7596	97	-0.4856	161	-0.1546
48	-0.5776	98	0.2734	162	0.1644
49	-0.3566	99	0.2034	163	0.0404
50	-0.2006	100	-0.3806	164	0.0714
51	-0.1696	101	-0.6756	165	-0.1366

ORF	CP	ORF	CP	ORF	CP
166	0.2504	217	-0.1356	268	-0.5746
167	0.1194	218	-0.0966	269	-0.2946
168	0.1004	219	-0.0696	270	-0.2166
169	-0.0016	220	-0.0866	271	-0.6366
170	-0.0206	221	-0.4306	272	-0.6046
171	0.0434	222	-0.3936	273	-0.1996
172	-0.1286	223	-0.0306	274	-0.1736
173	-0.1136	224	0.0964	275	0.2424
174	-0.2276	225	0.1834	276	0.0004
175	-0.2976	226	0.0504	277	-0.1196
176	-0.3206	227	-0.9076	278	-1.2226
177	-0.2866	228	-0.8456	279	-1.1166
178	-0.2896	229	-0.7616	280	-0.9666
179	-0.2196	230	-0.5696	281	-0.7876
180	-0.2636	231	-0.3036	282	-0.7626
181	-0.0096	232	-0.1796	283	-0.6566
182	0.0984	233	-0.1146	284	-0.2716
183	0.2674	234	-0.1046	285	-0.1896
184	0.4624	235	-0.2666	286	-0.6686
185	0.5554	236	-0.2396	287	-0.5176
186	0.6564	237	0.0024	288	-0.1816
187	0.7494	238	-0.0016	289	-0.1946
188	0.8884	239	0.1444	290	-0.2646
189	0.9204	240	0.0414	291	-1.1276
190	0.4414	241	-1.0896	292	0.0864
191	-0.2616	242	-0.9916	325	0.0924
192	-0.2516	244	-0.6646	326	0.0924
193	-0.2456	245	-0.4286	327	0.0904
194	-0.2526	246	-0.3146	328	0.0884
195	-0.2686	247	-0.1956	329	0.0904
196	-0.2616	248	-0.1436	330	0.0914
197	-0.2596	249	-0.1766	331	0.0924
198	-0.2636	250	0.0874	332	0.0904
199	-0.2596	251	-0.3346	333	0.0894
200	-0.2686	252	-0.3126	334	0.0924
201	-0.2626	253	0.1284	335	0.0924
202	-0.2566	254	0.0024	336	0.0904
203	-0.2596	255	-1.2656	337	0.0914
204	-0.2626	256	-1.1696	338	0.0914
205	0.1854	257	-1.0776	339	0.0904
206	0.2784	258	-0.8646	340	0.0884
207	0.2264	259	-0.7076	341	0.0904
208	0.2324	260	-0.5216	350	0.0764
210	0.1434	261	-0.2566	351	0.0754
211	0.1704	262	-0.1616	352	0.0774
212	0.0384	263	-0.4076	353	0.0774
213	-0.6486	264	-0.4416	354	0.0754
214	-0.4556	265	-0.3366	355	0.0764
215	-0.3796	266	-0.2796		
216	-0.2226	267	-0.4946		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 970
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1907.
TUNNEL STATIC PRESSURE(PSF) = 1066.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -6.02
FIN ANGLE(DEG) = -0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7917
247	0.7907
347	0.7917
447	0.7917
547	0.7997
647	0.7997
747	0.7987

ORF	CP	ORF	CP	ORF	CP
1	-0.2453	52	-0.2303	102	-0.5813
2	-0.6123	53	-0.4673	103	-0.8813
3	-0.7833	54	-0.5783	104	-0.8523
4	-0.7093	55	-0.8573	105	-0.7193
5	-0.5143	56	-0.8423	110	-0.1143
6	-0.3513	57	-0.8013	111	-0.0843
7	-0.2603	58	-0.7183	112	-0.0113
8	-0.2003	59	-0.4853	113	-0.0453
9	-0.1593	60	-0.0503	114	0.0997
10	-0.1403	61	-0.0263	115	0.0967
11	-0.1313	62	-0.1173	116	0.0977
12	-0.1363	63	-0.2063	117	0.0957
13	-0.1683	64	-0.6253	118	0.0987
14	-0.3253	65	-0.6063	119	0.0977
15	-0.4503	66	-0.6603	120	-0.0123
16	-0.6573	67	-0.7103	121	0.0967
17	-0.7013	68	-0.7553	122	0.0997
18	-0.7103	69	-0.7443	123	0.0977
19	-0.5383	70	-0.7133	124	0.0227
20	-0.3813	71	-0.6213	125	0.0027
21	-0.2743	72	-0.4233	126	0.0227
22	-0.2053	73	-0.2903	127	0.0127
23	-0.1713	74	-0.5103	128	0.0327
24	-0.1433	75	-0.6093	129	-0.0523
25	-0.1383	76	-0.6293	135	0.0357
26	-0.1533	77	-0.6573	136	0.0217
27	-0.1943	78	-0.6763	137	0.0317
28	-0.3413	79	-0.6893	138	0.1247
29	-0.4843	80	-0.7043	139	0.1177
30	-0.9243	81	-0.7243	140	0.1197
32	-0.6023	82	-0.7223	141	0.1417
33	-0.4033	83	-0.5443	142	0.1347
34	-0.2453	84	-0.6593	143	0.1437
35	-0.1653	85	-0.6763	145	0.0177
36	-0.1363	86	-0.6763	147	0.1317
37	-0.1293	87	-0.6733	151	-0.0593
38	-0.1423	88	-0.6863	152	-0.1983
39	-0.1663	89	-0.6793	153	-0.2253
40	-0.2193	90	-0.6903	154	-0.2453
41	-0.3533	91	-0.6793	155	-0.0073
42	-0.5193	92	-0.6563	156	-0.0563
43	-1.0453	93	-0.6523	157	-0.1543
44	-0.8853	94	-0.6623	158	0.0787
45	-0.6963	95	-0.6593	159	0.0037
46	-0.4473	96	0.0087	160	-0.0533
47	-0.1813	97	-0.4863	161	-0.1173
48	-0.0653	98	0.2327	162	0.1687
49	-0.0703	99	0.1777	163	0.0597
50	-0.1093	100	-0.3693	164	0.1207
51	-0.1613	101	-0.6423	165	-0.1173

ORF	CP	ORF	CP	ORF	CP
166	0.2247	217	-0.0823	268	-0.5013
167	0.0837	218	-0.0503	269	-0.2643
168	0.0767	219	-0.0293	270	-0.1953
169	-0.0153	220	-0.0643	271	-0.6003
170	-0.0493	221	-0.3723	272	-0.5343
171	0.0027	222	-0.3463	273	-0.1733
172	-0.1323	223	0.0197	274	-0.1583
173	-0.0753	224	0.1147	275	0.2997
174	-0.2103	225	0.1857	276	0.1497
175	-0.2493	226	0.0457	277	0.0047
176	-0.2753	227	-0.7523	278	-1.1723
177	-0.2533	228	-0.6833	279	-1.0793
178	-0.3183	229	-0.6103	280	-0.9393
179	-0.2223	230	-0.4213	281	-0.7333
180	-0.2403	231	-0.1813	282	-0.5513
181	0.1487	232	-0.0893	283	-0.3083
182	0.2487	233	-0.0533	284	-0.1483
183	0.2337	234	-0.0683	285	-0.1483
184	0.4067	235	-0.2193	286	-0.6303
185	0.4697	236	-0.1923	287	-0.4293
186	0.5387	237	0.0167	288	-0.1603
187	0.6517	238	0.0387	289	-0.1803
188	0.8107	239	0.2697	290	-0.2383
189	0.9027	240	0.1677	291	-1.1003
190	0.3887	241	-1.0953	292	0.0687
191	-0.2323	242	-1.0003	325	0.0977
192	-0.2293	244	-0.6123	326	0.1007
193	-0.2303	245	-0.3273	327	0.0977
194	-0.2343	246	-0.1923	328	0.0967
195	-0.2473	247	-0.0993	329	0.0957
196	-0.2453	248	-0.0773	330	0.0987
197	-0.2333	249	-0.1263	331	0.1007
198	-0.2363	250	0.1067	332	0.0997
199	-0.2343	251	-0.2803	333	0.0977
200	-0.2413	252	-0.2653	334	0.0977
201	-0.2363	253	0.1987	335	0.0997
202	-0.2343	254	0.0487	336	0.0987
203	-0.2363	255	-1.2463	337	0.0977
204	-0.2403	256	-1.1523	338	0.1007
205	0.2517	257	-1.0583	339	0.0967
206	0.3157	258	-0.8353	340	0.0967
207	0.2917	259	-0.4043	341	0.0967
208	0.2957	260	-0.2523	350	0.0977
210	0.2227	261	-0.1353	351	0.0977
211	0.1737	262	-0.1103	352	0.0977
212	0.0507	263	-0.3533	353	0.1007
213	-0.5733	264	-0.3823	354	0.0977
214	-0.4403	265	-0.3133	355	0.0987
215	-0.3173	266	-0.2533		
216	-0.1643	267	-0.4403		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 972
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.946
TUNNEL DYNAMIC PRESSURE(PSF) = 672.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1073.
REYNOLDS NUMBER PER FOOT = 3.9800E 06
MODEL ANGLE OF ATTACK(DEG) = -1.91
FIN ANGLE(DEG) = 0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7833
247	0.7823
347	0.7833
447	0.7833
547	0.7813
647	0.7803
747	0.7803

ORF	CP	ORF	CP	ORF	CP
1	0.0583	52	-0.1767	102	-0.5967
2	-0.4517	53	-0.4237	103	-0.8777
3	-0.6977	54	-0.5757	104	-0.8747
4	-0.3597	55	-0.1867	105	-0.7197
5	-0.2007	56	-0.0637	110	-0.1767
6	-0.1267	57	-0.0357	111	-0.1237
7	-0.0877	58	-0.0457	112	-0.0447
8	-0.0697	59	-0.0597	113	-0.0587
9	-0.0627	60	-0.0737	114	0.0693
10	-0.0567	61	-0.1027	115	0.0683
11	-0.0627	62	-0.1427	116	0.0683
12	-0.0777	63	-0.2157	117	0.0683
13	-0.1127	64	-0.6057	118	0.0683
14	-0.2757	65	-0.5917	119	0.0663
15	-0.4107	66	-0.2147	120	-0.0487
16	-0.3257	67	-0.0577	121	0.0653
17	-0.5307	68	-0.0497	122	0.0683
18	-0.2487	69	-0.0687	123	0.0683
19	-0.1157	70	-0.0957	124	0.0023
20	-0.0807	71	-0.1267	125	-0.0187
21	-0.0697	72	-0.1727	126	0.0103
22	-0.0547	73	-0.2647	127	-0.0027
23	-0.0547	74	-0.5997	128	0.0233
24	-0.0567	75	-0.2147	129	-0.0847
25	-0.0637	76	-0.0767	135	0.0243
26	-0.0857	77	-0.0917	136	0.0153
27	-0.1347	78	-0.1207	137	0.0223
28	-0.2927	79	-0.1547	138	0.1073
29	-0.4527	80	-0.1867	139	0.1063
30	-0.3447	81	-0.3247	140	0.1053
32	-0.0877	82	-0.6047	141	0.1153
33	-0.0667	83	-0.1997	142	0.1153
34	-0.0497	84	-0.1187	143	0.1143
35	-0.0457	85	-0.1337	145	0.0123
36	-0.0457	86	-0.1347	147	0.1163
37	-0.0537	87	-0.1827	151	-0.0677
38	-0.0657	88	-0.2827	152	-0.2007
39	-0.0887	89	-0.6147	153	-0.2497
40	-0.1417	90	-0.2847	154	-0.2937
41	-0.2727	91	-0.1117	155	0.1013
42	-0.4937	92	-0.1437	156	0.0573
43	-0.1757	93	-0.1897	157	-0.1107
44	-0.0397	94	-0.2657	158	0.2773
45	-0.0387	95	-0.6057	159	0.1473
46	-0.0357	96	-0.2577	160	0.0793
47	-0.0387	97	-0.5537	161	-0.0367
48	-0.0437	98	0.0893	162	0.2533
49	-0.0597	99	0.0403	163	0.1433
50	-0.0817	100	-0.3207	164	0.1053
51	-0.1157	101	-0.6507	165	-0.0807

ORF	CP	ORF	CP	ORF	CP
166	0.3543	217	-0.1007	268	-0.5017
167	0.1163	218	-0.0447	269	-0.3257
168	0.1053	219	-0.0357	270	-0.2257
169	-0.0067	220	-0.0617	271	-0.6097
170	0.1153	221	-0.3557	272	-0.6137
171	0.0003	222	-0.3827	273	-0.2167
172	-0.1477	223	0.0643	274	-0.1847
173	-0.1147	224	0.1703	275	0.3573
174	-0.1897	225	0.1993	276	0.3243
175	-0.3327	226	0.0383	277	0.1453
176	-0.3027	227	-0.5547	278	-1.1257
177	-0.2577	228	-0.5457	279	-1.0407
178	-0.4087	229	-0.4997	280	-0.9207
179	-0.3287	230	-0.3637	281	-0.6527
180	-0.2467	231	-0.1387	282	-0.2587
181	0.2823	232	-0.0757	283	-0.1197
182	0.3933	233	-0.0527	284	-0.0547
183	0.3843	234	-0.0647	285	-0.0877
184	0.5873	235	-0.2057	286	-0.6427
185	0.5943	236	-0.1947	287	-0.4977
186	0.5813	237	0.0243	288	-0.1637
187	0.6343	238	-0.0387	289	-0.1897
188	0.6693	239	0.2393	290	-0.2727
189	0.7403	240	0.1173	291	-0.7157
190	0.3063	241	-0.7157	292	-0.0477
191	-0.2397	242	-0.6737	325	0.0863
192	-0.2437	244	-0.4327	326	0.0873
193	-0.2377	245	-0.1907	327	0.0873
194	-0.2447	246	-0.1007	328	0.0873
195	-0.2457	247	-0.0547	329	0.0863
196	-0.2497	248	-0.0487	330	0.0873
197	-0.2367	249	-0.1057	331	0.0883
198	-0.2397	250	0.0873	332	0.0873
199	-0.2467	251	-0.3747	333	0.0873
200	-0.2497	252	-0.3597	334	0.0873
201	-0.2427	253	0.3163	335	0.0873
202	-0.2387	254	0.1693	336	0.0863
203	-0.2437	255	-1.1427	337	0.0863
204	-0.2427	256	-1.0767	338	0.0873
205	0.2593	257	-0.9137	339	0.0873
206	0.2983	258	-0.6247	340	0.0873
207	0.2913	259	-0.2627	341	0.0853
208	0.2853	260	-0.0917	350	0.0683
210	0.3073	261	-0.0467	351	0.0703
211	0.2663	262	-0.0407	352	0.0723
212	0.1213	263	-0.3327	353	0.0703
213	-0.6967	264	-0.3637	354	0.0703
214	-0.5957	265	-0.3907	355	0.0703
215	-0.5357	266	-0.2997		
216	-0.3087	267	-0.4097		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 973
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1069.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7859
247	0.7849
347	0.7859
447	0.7859
547	0.7839
647	0.7839
747	0.7839

ORF	CP	ORF	CP	ORF	CP
1	0.0929	52	-0.1301	102	-0.6081
2	-0.3461	53	-0.3841	103	-0.8661
3	-0.4161	54	-0.5441	104	-0.8611
4	-0.2701	55	0.0919	105	-0.7271
5	-0.1671	56	0.0689	110	-0.1331
6	-0.0901	57	0.0569	111	-0.0931
7	-0.0421	58	0.0349	112	-0.0301
8	-0.0151	59	0.0129	113	-0.0381
9	-0.0101	60	-0.0131	114	0.0659
10	-0.0101	61	-0.0481	115	0.0669
11	-0.0191	62	-0.0921	116	0.0679
12	-0.0361	63	-0.1691	117	0.0679
13	-0.0731	64	-0.5791	118	0.0649
14	-0.2391	65	-0.5621	119	0.0669
15	-0.3761	66	0.0859	120	-0.0361
16	-0.2091	67	0.0639	121	0.0649
17	-0.1921	68	0.0389	122	0.0689
18	-0.1191	69	0.0079	123	0.0669
19	-0.0711	70	-0.0261	124	0.0179
20	-0.0361	71	-0.0641	125	-0.0011
21	-0.0121	72	-0.1171	126	0.0239
22	-0.0011	73	-0.2161	127	0.0129
23	-0.0001	74	-0.5911	128	0.0369
24	-0.0051	75	0.0779	129	-0.0741
25	-0.0171	76	0.0409	135	0.0369
26	-0.0421	77	-0.0011	136	0.0299
27	-0.0911	78	-0.0451	137	0.0379
28	-0.2471	79	-0.0951	138	0.1209
29	-0.4131	80	-0.1541	139	0.1199
30	-0.0421	81	-0.2901	140	0.1199
32	-0.0071	82	-0.6051	141	0.1299
33	0.0059	83	0.0569	142	0.1299
34	0.0139	84	-0.0011	143	0.1309
35	0.0149	85	-0.0641	145	0.0279
36	0.0099	86	-0.1071	147	0.1319
37	0.0009	87	-0.1591	151	-0.0871
38	-0.0151	88	-0.2571	152	-0.2171
39	-0.0411	89	-0.6171	153	-0.2781
40	-0.0961	90	-0.0531	154	-0.3191
41	-0.2231	91	-0.0821	155	0.0729
42	-0.4591	92	-0.1251	156	0.0919
43	0.0619	93	-0.1691	157	-0.0921
44	0.0499	94	-0.2411	158	0.3859
45	0.0399	95	-0.6161	159	0.2189
46	0.0369	96	-0.4011	160	0.1499
47	0.0279	97	-0.5631	161	0.0269
48	0.0149	98	0.0319	162	0.3099
49	-0.0021	99	-0.0141	163	0.2389
50	-0.0281	100	-0.2761	164	0.1199
51	-0.0661	101	-0.6641	165	-0.0431

ORF	CP	ORF	CP	ORF	CP
166	0.3519	217	-0.1541	268	-0.4911
167	0.2149	218	-0.0491	269	-0.3171
168	0.1779	219	-0.0111	270	-0.2211
169	0.0469	220	-0.0371	271	-0.6081
170	0.0509	221	-0.3231	272	-0.6241
171	0.0879	222	-0.3591	273	-0.2371
172	-0.1121	223	0.0659	274	-0.1851
173	-0.0671	224	0.1759	275	0.3709
174	-0.1981	225	0.2859	276	0.3459
175	-0.3121	226	0.1239	277	0.1859
176	-0.3311	227	-0.6311	278	-0.7571
177	-0.2721	228	-0.6121	279	-0.7041
178	-0.4341	229	-0.5661	280	-0.6211
179	-0.3871	230	-0.4371	281	-0.4691
180	-0.2401	231	-0.1741	282	-0.2131
181	0.3319	232	-0.0561	283	-0.0701
182	0.4509	233	-0.0221	284	-0.0011
183	0.4489	234	-0.0311	285	-0.0461
184	0.6919	235	-0.1971	286	-0.6481
185	0.7559	236	-0.1741	287	-0.5021
186	0.8369	237	0.0749	288	-0.1651
187	0.9139	238	0.0269	289	-0.1771
188	0.9729	239	0.2449	290	-0.2671
189	1.0059	240	0.1249	291	-0.5791
190	0.2629	241	-0.5551	292	-0.0381
191	-0.2381	242	-0.5491	325	0.0739
192	-0.2411	244	-0.3201	326	0.0729
193	-0.2471	245	-0.1211	327	0.0749
194	-0.2491	246	-0.0691	328	0.0729
195	-0.2481	247	-0.0391	329	0.0729
196	-0.2611	248	-0.0351	330	0.0719
197	-0.2441	249	-0.0961	331	0.0749
198	-0.2461	250	0.0729	332	0.0759
199	-0.2521	251	-0.3561	333	0.0739
200	-0.2461	252	-0.3211	334	0.0749
201	-0.2411	253	0.2669	335	0.0749
202	-0.2451	254	0.1249	336	0.0759
203	-0.2441	255	-0.6381	337	0.0729
204	-0.2381	256	-0.6221	338	0.0739
205	0.2529	257	-0.5831	339	0.0749
206	0.2809	258	-0.4751	340	0.0729
207	0.2809	259	-0.2261	341	0.0729
208	0.2709	260	-0.0651	350	0.0659
210	0.3399	261	-0.0141	351	0.0649
211	0.3349	262	-0.0221	352	0.0669
212	0.1819	263	-0.2951	353	0.0659
213	-0.7701	264	-0.3601	354	0.0649
214	-0.6571	265	-0.3561	355	0.0649
215	-0.5831	266	-0.2801		
216	-0.4021	267	-0.3721		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 974
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.946
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 1073.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 2.04
FIN ANGLE(DEG) = -0.13
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7826
247	0.7816
347	0.7826
447	0.7836
547	0.7786
647	0.7786
747	0.7786

ORF	CP	ORF	CP	ORF	CP
1	0.0696	52	-0.1064	102	-0.6094
2	-0.2544	53	-0.3684	103	-0.8894
3	-0.2504	54	-0.5014	104	-0.8784
4	-0.1284	55	0.1886	105	-0.7294
5	-0.0474	56	0.1466	110	-0.1384
6	-0.0134	57	0.1246	111	-0.1094
7	0.0076	58	0.0936	112	-0.0444
8	0.0116	59	0.0676	113	-0.0574
9	0.0116	60	0.0376	114	0.0656
10	0.0026	61	-0.0034	115	0.0676
11	-0.0044	62	-0.0564	116	0.0676
12	-0.0264	63	-0.1374	117	0.0656
13	-0.0674	64	-0.5754	118	0.0686
14	-0.2364	65	-0.5394	119	0.0676
15	-0.3484	66	0.1906	120	-0.0604
16	-0.0684	67	0.1346	121	0.0636
17	-0.0644	68	0.0936	122	0.0646
18	-0.0184	69	0.0566	123	0.0676
19	0.0056	70	0.0166	124	-0.0024
20	0.0176	71	-0.0254	125	-0.0204
21	0.0266	72	-0.0854	126	0.0056
22	0.0286	73	-0.1884	127	-0.0074
23	0.0216	74	-0.5784	128	0.0226
24	0.0126	75	0.1776	129	-0.0964
25	-0.0044	76	0.1236	135	0.0216
26	-0.0304	77	0.0686	136	0.0176
27	-0.0804	78	0.0166	137	0.0236
28	-0.2344	79	-0.0524	138	0.1066
29	-0.3714	80	-0.1294	139	0.1056
30	0.0526	81	-0.2694	140	0.1066
32	0.0656	82	-0.5954	141	0.1176
33	0.0636	83	0.1396	142	0.1166
34	0.0596	84	0.0676	143	0.1156
35	0.0496	85	-0.0214	145	0.0186
36	0.0426	86	-0.0964	147	0.1176
37	0.0296	87	-0.1584	151	-0.1084
38	0.0056	88	-0.2634	152	-0.2014
39	-0.0264	89	-0.6204	153	-0.2944
40	-0.0804	90	0.0326	154	-0.3124
41	-0.2114	91	-0.0944	155	0.1186
42	-0.4054	92	-0.1354	156	0.0816
43	0.1616	93	-0.1844	157	-0.0914
44	0.1246	94	-0.2634	158	0.4956
45	0.1096	95	-0.6284	159	0.2116
46	0.0986	96	-0.7594	160	0.1666
47	0.0816	97	-0.5834	161	0.0476
48	0.0586	98	-0.0494	162	0.3436
49	0.0336	99	-0.0994	163	0.2526
50	0.0056	100	-0.2924	164	0.1066
51	-0.0394	101	-0.6564	165	-0.0284

ORF	CP	ORF	CP	ORF	CP
166	0.3206	217	-0.2624	268	-0.4724
167	0.2456	218	-0.1154	269	-0.3304
168	0.1916	219	-0.0234	270	-0.2404
169	0.0506	220	-0.0354	271	-0.5914
170	0.0566	221	-0.2964	272	-0.6004
171	0.1226	222	-0.3344	273	-0.2534
172	-0.1044	223	0.1056	274	-0.1974
173	0.0116	224	0.2206	275	0.3576
174	-0.1714	225	0.3506	276	0.2916
175	-0.2514	226	0.1836	277	0.1446
176	-0.3364	227	-0.8314	278	-0.6184
177	-0.2804	228	-0.7764	279	-0.5964
178	-0.4434	229	-0.7044	280	-0.5264
179	-0.3364	230	-0.5674	281	-0.3164
180	-0.2474	231	-0.2984	282	-0.0624
181	0.3466	232	-0.1144	283	-0.0094
182	0.4736	233	-0.0144	284	0.0096
183	0.4046	234	-0.0194	285	-0.0464
184	0.6616	235	-0.1894	286	-0.6424
185	0.7546	236	-0.1424	287	-0.5024
186	0.8866	237	0.1026	288	-0.1794
187	1.0016	238	0.1276	289	-0.1774
188	1.0556	239	0.2776	290	-0.2754
189	1.0776	240	0.1546	291	-0.5004
190	0.2066	241	-0.6544	292	-0.0734
191	-0.2434	242	-0.6274	325	0.0796
192	-0.2454	244	-0.3804	326	0.0816
193	-0.2414	245	-0.1564	327	0.0806
194	-0.2484	246	-0.0794	328	0.0806
195	-0.2444	247	-0.0294	329	0.0816
196	-0.2634	248	-0.0234	330	0.0816
197	-0.2504	249	-0.0794	331	0.0816
198	-0.2504	250	0.0776	332	0.0816
199	-0.2604	251	-0.3294	333	0.0816
200	-0.2484	252	-0.3034	334	0.0826
201	-0.2434	253	0.2296	335	0.0826
202	-0.2434	254	0.0766	336	0.0816
203	-0.2404	255	-0.5584	337	0.0796
204	-0.2434	256	-0.5364	338	0.0816
205	0.2236	257	-0.4924	339	0.0806
206	0.2506	258	-0.3244	340	0.0806
207	0.2516	259	-0.1114	341	0.0826
208	0.2436	260	-0.0474	350	0.0656
210	0.3966	261	-0.0194	351	0.0656
211	0.3836	262	-0.0344	352	0.0686
212	0.2186	263	-0.2804	353	0.0676
213	-0.9544	264	-0.3614	354	0.0626
214	-0.8434	265	-0.3544	355	0.0636
215	-0.7404	266	-0.2944		
216	-0.5314	267	-0.3524		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 975
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.947
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 1072.
REYNOLDS NUMBER PER FOOT = 3.9800E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.15
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7831
247	0.7831
347	0.7831
447	0.7831
547	0.7831
647	0.7821
747	0.7821

ORF	CP	ORF	CP	ORF	CP
1	0.1201	52	-0.0739	102	-0.6009
2	-0.1149	53	-0.3469	103	-0.9059
3	-0.0829	54	-0.4119	104	-0.8859
4	-0.0119	55	0.2841	105	-0.7539
5	0.0151	56	0.2301	110	-0.0879
6	0.0371	57	0.2021	111	-0.0759
7	0.0441	58	0.1631	112	-0.0299
8	0.0501	59	0.1261	113	-0.0479
9	0.0521	60	0.0901	114	0.0771
10	0.0441	61	0.0421	115	0.0751
11	0.0321	62	-0.0159	116	0.0741
12	0.0081	63	-0.1049	117	0.0741
13	-0.0369	64	-0.5489	118	0.0761
14	-0.2049	65	-0.4869	119	0.0761
15	-0.3139	66	0.2881	120	-0.0589
16	0.0731	67	0.2161	121	0.0731
17	0.0541	68	0.1641	122	0.0771
18	0.0641	69	0.1161	123	0.0771
19	0.0691	70	0.0721	124	-0.0039
20	0.0701	71	0.0211	125	-0.0219
21	0.0731	72	-0.0449	126	0.0091
22	0.0711	73	-0.1549	127	-0.0069
23	0.0651	74	-0.5359	128	-0.0299
24	0.0541	75	0.2661	129	-0.0999
25	0.0361	76	0.1891	135	0.0231
26	0.0061	77	0.1271	136	0.0201
27	-0.0509	78	0.0681	137	0.0281
28	-0.2059	79	0.0001	138	0.1121
29	-0.3359	80	-0.0879	139	0.1131
30	0.1691	81	-0.2529	140	0.1091
32	0.1341	82	-0.5719	141	0.1221
33	0.1241	83	0.2131	142	0.1191
34	0.1171	84	0.1371	143	0.1221
35	0.1041	85	0.0411	145	0.0181
36	0.0931	86	-0.0559	147	0.1171
37	0.0741	87	-0.1429	151	-0.0739
38	0.0501	88	-0.2659	152	-0.1639
39	0.0151	89	-0.6189	153	-0.2689
40	-0.0419	90	0.1191	154	-0.3059
41	-0.1799	91	-0.0589	155	0.1601
42	-0.3549	92	-0.1399	156	0.0991
43	0.2481	93	-0.2119	157	-0.0769
44	0.2011	94	-0.3059	158	0.4541
45	0.1781	95	-0.6589	159	0.2141
46	0.1601	96	-0.7419	160	0.1741
47	0.1401	97	-0.5999	161	0.0551
48	0.1161	98	-0.3729	162	0.3221
49	0.0841	99	-0.4649	163	0.2371
50	0.0491	100	-0.4449	164	0.1131
51	0.0001	101	-0.6539	165	-0.0259

ORF	CP	ORF	CP	ORF	CP
166	0.2891	217	-0.2749	268	-0.4489
167	0.2251	218	-0.1099	269	-0.3349
168	0.1661	219	-0.0289	270	-0.2429
169	0.0241	220	-0.0409	271	-0.5619
170	0.0751	221	-0.2879	272	-0.5729
171	0.0971	222	-0.3279	273	-0.2589
172	-0.1119	223	0.1651	274	-0.1989
173	0.0551	224	0.2281	275	0.3111
174	-0.1639	225	0.3811	276	0.2931
175	-0.2439	226	0.2111	277	0.1741
176	-0.3269	227	-1.2219	278	-0.4799
177	-0.2549	228	-1.1709	279	-0.4219
178	-0.3959	229	-1.0359	280	-0.2999
179	-0.2789	230	-0.6919	281	-0.0849
180	-0.2429	231	-0.2849	282	0.0171
181	0.3201	232	-0.0979	283	0.0371
182	0.4311	233	-0.0079	284	0.0531
183	0.3931	234	-0.0109	285	-0.0099
184	0.5981	235	-0.1849	286	-0.6279
185	0.7271	236	-0.1159	287	-0.4839
186	0.8411	237	0.1231	288	-0.1809
187	0.9591	238	0.1811	289	-0.1649
188	1.0471	239	0.3451	290	-0.2689
189	1.0971	240	0.2191	291	-0.4909
190	0.1171	241	-0.8109	292	-0.1319
191	-0.2259	242	-0.7499	325	0.0881
192	-0.2329	244	-0.4729	326	0.0901
193	-0.2379	245	-0.2099	327	0.0891
194	-0.2389	246	-0.0679	328	0.0901
195	-0.2219	247	0.0091	329	0.0891
196	-0.2449	248	0.0131	330	0.0881
197	-0.2369	249	-0.0429	331	0.0911
198	-0.2379	250	0.0891	332	0.0901
199	-0.2389	251	-0.3419	333	0.0911
200	-0.2289	252	-0.2929	334	0.0901
201	-0.2269	253	0.2841	335	0.0891
202	-0.2309	254	0.1281	336	0.0871
203	-0.2339	255	-0.5599	337	0.0871
204	-0.2349	256	-0.5299	338	0.0891
205	0.2081	257	-0.4649	339	0.0881
206	0.2281	258	-0.2689	340	0.0901
207	0.2321	259	-0.0679	341	0.0871
208	0.2281	260	-0.0079	350	0.0751
210	0.4421	261	0.0201	351	0.0751
211	0.3411	262	0.0031	352	0.0761
212	0.1671	263	-0.2479	353	0.0741
213	-1.0579	264	-0.3359	354	0.0741
214	-1.0319	265	-0.3589	355	0.0741
215	-0.9359	266	-0.2919		
216	-0.6949	267	-0.3259		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 976
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 680.
TUNNEL STAGNATION PRESSURE(PSF) = 1925.
TUNNEL STATIC PRESSURE(PSF) = 1078.
REYNOLDS NUMBER PER FOOT = 4.0120E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = -0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7687
247	0.7667
347	0.7667
447	0.7677
547	0.7847
647	0.7837
747	0.7837

ORF	CP	ORF	CP	ORF	CP
1	0.2107	52	-0.0303	102	-0.6033
2	0.0387	53	-0.3153	103	-0.8913
3	0.0367	54	-0.3563	104	-0.8703
4	0.0657	55	0.3617	105	-0.7363
5	0.0877	56	0.2977	110	-0.0343
6	0.0967	57	0.2597	111	-0.0413
7	0.1067	58	0.2197	112	-0.0043
8	0.1117	59	0.1877	113	-0.0243
9	0.1097	60	0.1457	114	0.0937
10	0.0997	61	0.0927	115	0.0927
11	0.0837	62	0.0287	116	0.0917
12	0.0597	63	-0.0683	117	0.0937
13	0.0167	64	-0.5173	118	0.0927
14	-0.1613	65	-0.4193	119	0.0937
15	-0.2783	66	0.3587	120	-0.0523
16	0.1947	67	0.2857	121	0.0927
17	0.1587	68	0.2287	122	0.0947
18	0.1537	69	0.1777	123	0.0937
19	0.1427	70	0.1277	124	0.0117
20	0.1427	71	0.0787	125	-0.0093
21	0.1427	72	0.0087	126	0.0207
22	0.1387	73	-0.1193	127	0.0067
23	0.1277	74	-0.4733	128	0.0047
24	0.1177	75	0.3417	129	-0.0983
25	0.0937	76	0.2517	135	0.0377
26	0.0607	77	0.1817	136	0.0347
27	0.0027	78	0.1117	137	0.0437
28	-0.1583	79	0.0307	138	0.1307
29	-0.3023	80	-0.0573	139	0.1307
30	0.2817	81	-0.2363	140	0.1327
32	0.2207	82	-0.5293	141	0.1517
33	0.2047	83	0.2757	142	0.1457
34	0.1887	84	0.1987	143	0.1477
35	0.1747	85	0.0967	145	0.0277
36	0.1577	86	-0.0093	147	0.1457
37	0.1407	87	-0.1123	151	-0.0153
38	0.1087	88	-0.2433	152	-0.1433
39	0.0687	89	-0.5753	153	-0.2213
40	0.0097	90	0.1827	154	-0.3063
41	-0.1333	91	-0.0153	155	0.1477
42	-0.3163	92	-0.1213	156	0.1547
43	0.3357	93	-0.2063	157	-0.0353
44	0.2757	94	-0.3013	158	0.5147
45	0.2467	95	-0.6363	159	0.2737
46	0.2257	96	-0.7713	160	0.2347
47	0.2027	97	-0.5793	161	0.0997
48	0.1727	98	-0.7873	162	0.3717
49	0.1407	99	-0.6863	163	0.3077
50	0.1047	100	-0.7143	164	0.1307
51	0.0487	101	-0.6583	165	0.0277

ORF	CP	ORF	CP	ORF	CP
166	0.2697	217	-0.3713	268	-0.4573
167	0.2527	218	-0.1353	269	-0.3483
168	0.2157	219	-0.0143	270	-0.2463
169	0.0617	220	-0.0203	271	-0.5653
170	0.2007	221	-0.2493	272	-0.5903
171	0.0857	222	-0.2913	273	-0.2673
172	-0.1123	223	0.1907	274	-0.2073
173	0.0527	224	0.2227	275	0.2887
174	-0.1233	225	0.3437	276	0.3477
175	-0.2543	226	0.1797	277	0.2497
176	-0.3273	227	-1.2383	278	-0.3013
177	-0.2003	228	-1.1553	279	-0.1893
178	-0.3523	229	-1.0493	280	-0.0613
179	-0.2513	230	-0.7783	281	0.0477
180	-0.2403	231	-0.2613	282	0.0927
181	0.3637	232	-0.0913	283	0.1067
182	0.4757	233	-0.0053	284	0.1207
183	0.3097	234	0.0057	285	0.0537
184	0.5047	235	-0.1523	286	-0.6493
185	0.6997	236	-0.0783	287	-0.4703
186	0.8777	237	0.1377	288	-0.1813
187	0.9697	238	0.1897	289	-0.1663
188	1.0827	239	0.3667	290	-0.2683
189	1.1277	240	0.2557	291	-0.5933
190	0.0717	241	-0.8733	292	-0.1623
191	-0.2123	242	-0.7683	325	0.0997
192	-0.2173	244	-0.4733	326	0.0987
193	-0.2163	245	-0.2153	327	0.0977
194	-0.2213	246	-0.0763	328	0.0977
195	-0.2063	247	0.0247	329	0.0997
196	-0.2363	248	0.0377	330	0.0997
197	-0.2233	249	-0.0183	331	0.0997
198	-0.2343	250	0.0997	332	0.0987
199	-0.2323	251	-0.3703	333	0.0997
200	-0.2013	252	-0.3423	334	0.1007
201	-0.2153	253	0.3937	335	0.1007
202	-0.2243	254	0.2407	336	0.0977
203	-0.2223	255	-0.5383	337	0.0997
204	-0.2153	256	-0.5193	338	0.0987
205	0.1907	257	-0.4773	339	0.0977
206	0.2027	258	-0.3333	340	0.0987
207	0.2047	259	-0.0713	341	0.0987
208	0.2257	260	0.0387	350	0.0907
210	0.4837	261	0.0937	351	0.0897
211	0.3167	262	0.0747	352	0.0897
212	0.1627	263	-0.2143	353	0.0897
213	-1.0453	264	-0.3023	354	0.0927
214	-1.0063	265	-0.3973	355	0.0937
215	-0.9163	266	-0.2983		
216	-0.7423	267	-0.3043		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 977
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 680.
TUNNEL STAGNATION PRESSURE(PSF) = 1927.
TUNNEL STATIC PRESSURE(PSF) = 1079.
REYNOLDS NUMBER PER FOOT = 4.0160E 06
MODEL ANGLE OF ATTACK(DEG) = 7.96
FIN ANGLE(DEG) = -0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7642
247	0.7622
347	0.7632
447	0.7642
547	0.7662
647	0.7662
747	0.7662

ORF	CP	ORF	CP	ORF	CP
1	0.3182	52	0.0002	102	-0.6608
2	0.0512	53	-0.2968	103	-0.8428
3	0.0712	54	-0.3228	104	-0.8138
4	0.1072	55	0.4082	105	-0.7098
5	0.1342	56	0.3442	110	-0.0678
6	0.1452	57	0.2942	111	-0.0718
7	0.1582	58	0.2532	112	-0.0398
8	0.1622	59	0.2172	113	-0.0568
9	0.1582	60	0.1802	114	0.0882
10	0.1482	61	0.1252	115	0.0872
11	0.1342	62	0.0562	116	0.0862
12	0.1142	63	-0.0478	117	0.0872
13	0.0712	64	-0.4988	118	0.0912
14	-0.1218	65	-0.3608	119	0.0892
15	-0.2488	66	0.3982	120	-0.0768
16	0.2592	67	0.3232	121	0.0882
17	0.2142	68	0.2682	122	0.0882
18	0.2062	69	0.2122	123	0.0902
19	0.2022	70	0.1542	124	-0.0198
20	0.1992	71	0.1052	125	-0.0458
21	0.1972	72	0.0282	126	-0.0138
22	0.1882	73	-0.1098	127	-0.0288
23	0.1782	74	-0.4108	128	0.0132
24	0.1632	75	0.3742	129	-0.1218
25	0.1462	76	0.2882	135	0.0092
26	0.1162	77	0.2142	136	0.0002
27	0.0552	78	0.1412	137	0.0132
28	-0.1148	79	0.0572	138	0.1012
29	-0.2738	80	-0.0358	139	0.1022
30	0.3472	81	-0.2278	140	0.1052
32	0.2742	82	-0.4688	141	0.1402
33	0.2572	83	0.3092	142	0.1322
34	0.2392	84	0.2332	143	0.1342
35	0.2232	85	0.1322	145	-0.0028
36	0.2072	86	0.0242	147	0.1322
37	0.1842	87	-0.0748	151	0.0152
38	0.1532	88	-0.2298	152	-0.1308
39	0.1182	89	-0.5258	153	-0.1988
40	0.0492	90	0.2232	154	-0.3078
41	-0.0998	91	0.0182	155	0.1592
42	-0.2938	92	-0.1008	156	0.2002
43	0.3942	93	-0.1908	157	-0.0028
44	0.3352	94	-0.2988	158	0.5852
45	0.2982	95	-0.5928	159	0.3162
46	0.2752	96	-0.8358	160	0.2792
47	0.2502	97	-0.5578	161	0.1402
48	0.2172	98	-1.0438	162	0.4202
49	0.1822	99	-0.9528	163	0.3542
50	0.1432	100	-0.6348	164	0.1012
51	0.0832	101	-0.6928	165	0.0482

ORF	CP	ORF	CP	ORF	CP
166	0.2782	217	-0.6938	268	-0.4718
167	0.2812	218	-0.2278	269	-0.3808
168	0.2502	219	-0.0248	270	-0.2488
169	0.0752	220	-0.0138	271	-0.5918
170	0.2572	221	-0.2308	272	-0.6288
171	0.1112	222	-0.2768	273	-0.2688
172	-0.1198	223	0.1702	274	-0.1968
173	0.0672	224	0.2002	275	0.2232
174	-0.1108	225	0.3112	276	0.4882
175	-0.2898	226	0.1502	277	0.3782
176	-0.3768	227	-1.2328	278	-0.4278
177	-0.1728	228	-1.1468	279	-0.2678
178	-0.3468	229	-1.0848	280	-0.1008
179	-0.2518	230	-0.8978	281	0.0652
180	-0.2608	231	-0.3868	282	0.1302
181	0.4092	232	-0.1788	283	0.1472
182	0.5302	233	-0.0198	284	0.1622
183	0.2792	234	0.0052	285	0.0912
184	0.4612	235	-0.1508	286	-0.6688
185	0.7482	236	-0.0678	287	-0.5558
186	1.0202	237	0.1542	288	-0.1778
187	1.1072	238	0.1952	289	-0.1558
188	1.1012	239	0.3432	290	-0.2868
189	1.1182	240	0.2302	291	-0.6708
190	0.0462	241	-0.9198	292	-0.2098
191	-0.2148	242	-0.8068	325	0.0942
192	-0.2358	244	-0.4898	326	0.0942
193	-0.2418	245	-0.2528	327	0.0972
194	-0.2488	246	-0.1078	328	0.0972
195	-0.2188	247	0.0162	329	0.0962
196	-0.2568	248	0.0442	330	0.0992
197	-0.2478	249	-0.0088	331	0.0952
198	-0.2588	250	0.1032	332	0.0972
199	-0.2548	251	-0.3588	333	0.0972
200	-0.2228	252	-0.3458	334	0.0972
201	-0.2138	253	0.4672	335	0.0992
202	-0.2498	254	0.2802	336	0.0962
203	-0.2428	255	-0.5198	337	0.0942
204	-0.2228	256	-0.5298	338	0.0952
205	0.1242	257	-0.4938	339	0.0972
206	0.1282	258	-0.3838	340	0.0972
207	0.1272	259	-0.1458	341	0.0972
208	0.1612	260	0.0042	350	0.0902
210	0.5032	261	0.1002	351	0.0892
211	0.2752	262	0.1042	352	0.0922
212	0.1482	263	-0.1998	353	0.0912
213	-1.0458	264	-0.3008	354	0.0922
214	-0.9958	265	-0.4508	355	0.0932
215	-0.9048	266	-0.3328		
216	-0.7728	267	-0.2888		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 978
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.952
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 1927.
TUNNEL STATIC PRESSURE(PSF) = 1075.
REYNOLDS NUMBER PER FOOT = 4.0170E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.7691
247	0.7671
347	0.7681
447	0.7691
547	0.7831
647	0.7831
747	0.7831

ORF	CP	ORF	CP	ORF	CP
1	0.4521	52	0.0621	102	-0.7269
2	0.0931	53	-0.2489	103	-0.9129
3	0.1551	54	-0.2089	104	-0.8829
4	0.2371	55	0.5091	105	-0.6919
5	0.2681	56	0.4451	110	-0.0399
6	0.2771	57	0.3991	111	-0.0449
7	0.2791	58	0.3511	112	-0.0359
8	0.2711	59	0.3041	113	-0.0529
9	0.2611	60	0.2581	114	0.1281
10	0.2491	61	0.1981	115	0.1291
11	0.2311	62	0.1241	116	0.1281
12	0.2061	63	0.0101	117	0.1261
13	0.1621	64	-0.3319	118	0.1261
14	-0.0439	65	-0.2239	119	0.1261
15	-0.1789	66	0.4861	120	-0.0949
16	0.3961	67	0.4201	121	0.1251
17	0.3611	68	0.3611	122	0.1251
18	0.3461	69	0.3071	123	0.1261
19	0.3371	70	0.2461	124	-0.0249
20	0.3191	71	0.1801	125	-0.0579
21	0.3091	72	0.0911	126	-0.0259
22	0.2981	73	-0.0539	127	-0.0409
23	0.2781	74	-0.2589	128	-0.0709
24	0.2601	75	0.4541	129	-0.1419
25	0.2311	76	0.3761	135	0.0031
26	0.1971	77	0.3021	136	-0.0019
27	0.1351	78	0.2261	137	0.0051
28	-0.0509	79	0.1421	138	0.1181
29	-0.2009	80	0.0341	139	0.1021
30	0.4801	81	-0.1689	140	0.1191
32	0.3981	82	-0.2969	141	0.1921
33	0.3711	83	0.3831	142	0.1611
34	0.3471	84	0.3171	143	0.1801
35	0.3211	85	0.2191	145	-0.0069
36	0.2961	86	0.1101	147	0.1591
37	0.2721	87	-0.0059	151	0.0821
38	0.2391	88	-0.1739	152	-0.0889
39	0.1931	89	-0.3499	153	-0.1539
40	0.1211	90	0.2991	154	-0.3099
41	-0.0459	91	0.1001	155	0.1631
42	-0.2089	92	-0.0299	156	0.2621
43	0.5101	93	-0.1329	157	0.0321
44	0.4561	94	-0.2579	158	0.6511
45	0.4091	95	-0.4349	159	0.3441
46	0.3761	96	-0.9269	160	0.3051
47	0.3411	97	-0.6509	161	0.1571
48	0.3051	98	-1.0609	162	0.4661
49	0.2651	99	-0.9139	163	0.3631
50	0.2191	100	-0.6969	164	0.1021
51	0.1551	101	-0.7429	165	0.0421

ORF	CP	ORF	CP	ORF	CP
166	0.3211	217	-0.6599	268	-0.4229
167	0.2821	218	-0.2869	269	-0.4339
168	0.2201	219	-0.0599	270	-0.2209
169	0.0401	220	-0.0039	271	-0.5839
170	0.2931	221	-0.1759	272	-0.6199
171	0.0761	222	-0.1699	273	-0.2579
172	-0.1399	223	0.2421	274	-0.1689
173	0.1071	224	0.2531	275	0.1771
174	-0.0429	225	0.2761	276	0.7131
175	-0.2809	226	0.1321	277	0.5201
176	-0.3819	227	-1.0859	278	-0.5119
177	-0.1319	228	-0.9879	279	-0.4039
178	-0.2999	229	-0.8789	280	-0.1989
179	-0.2089	230	-0.6909	281	0.1621
180	-0.2929	231	-0.4659	282	0.2971
181	0.4921	232	-0.2949	283	0.2881
182	0.6391	233	-0.0839	284	0.2851
183	0.2421	234	-0.0099	285	0.1931
184	0.4241	235	-0.0679	286	-0.6929
185	0.6421	236	0.0141	287	-0.5739
186	0.9971	237	0.1701	288	-0.1539
187	1.1091	238	0.1951	289	-0.1259
188	1.0821	239	0.3211	290	-0.2669
189	1.0821	240	0.2191	291	-0.5869
190	0.0241	241	-0.7629	292	-0.2569
191	-0.2229	242	-0.7149	325	0.1061
192	-0.2469	244	-0.4999	326	0.1051
193	-0.2509	245	-0.2949	327	0.1051
194	-0.2539	246	-0.1529	328	0.1051
195	-0.2139	247	0.0171	329	0.1051
196	-0.2719	248	0.0801	330	0.1061
197	-0.2679	249	0.0621	331	0.1051
198	-0.2619	250	0.1361	332	0.1061
199	-0.2589	251	-0.3279	333	0.1051
200	-0.2209	252	-0.3889	334	0.1051
201	-0.2439	253	0.5831	335	0.1071
202	-0.2669	254	0.3511	336	0.1051
203	-0.2509	255	-0.4499	337	0.1061
204	-0.2319	256	-0.4369	338	0.1051
205	0.0501	257	-0.4189	339	0.1051
206	0.0191	258	-0.3069	340	0.1041
207	0.0571	259	-0.0599	341	0.1051
208	0.0871	260	0.0561	350	0.1271
210	0.5321	261	0.1541	351	0.1291
211	0.1661	262	0.1831	352	0.1301
212	0.0851	263	-0.1239	353	0.1281
213	-1.0399	264	-0.2419	354	0.1281
214	-0.9949	265	-0.5039	355	0.1271
215	-0.8979	266	-0.3789		
216	-0.7129	267	-0.1989		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 979
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 681.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 1078.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 14.14
FIN ANGLE(DEG) = -0.31
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.7650
247	0.7640
347	0.7640
447	0.7640
547	0.7690
647	0.7670
747	0.7680

ORF	CP	ORF	CP	ORF	CP
1	0.5020	52	0.0870	102	-0.7650
2	0.1170	53	-0.2200	103	-0.9380
3	0.2070	54	-0.1920	104	-0.9120
4	0.2970	55	0.5450	105	-0.7020
5	0.3290	56	0.4850	110	-0.1020
6	0.3270	57	0.4380	111	-0.0960
7	0.3220	58	0.3880	112	-0.0840
8	0.3130	59	0.3400	113	-0.0900
9	0.3020	60	0.2900	114	0.0990
10	0.2860	61	0.2280	115	0.1000
11	0.2680	62	0.1520	116	0.0990
12	0.2400	63	0.0370	117	0.0980
13	0.1950	64	-0.2490	118	0.0950
14	-0.0180	65	-0.2100	119	0.0970
15	-0.1470	66	0.5160	120	-0.1600
16	0.4550	67	0.4550	121	0.0980
17	0.4260	68	0.3950	122	0.0990
18	0.4110	69	0.3390	123	0.0970
19	0.3910	70	0.2770	124	-0.0710
20	0.3700	71	0.2080	125	-0.1090
21	0.3550	72	0.1190	126	-0.0750
22	0.3390	73	-0.0250	127	-0.0890
23	0.3180	74	-0.2420	128	-0.0310
24	0.2950	75	0.4800	129	-0.1880
25	0.2680	76	0.4070	135	-0.0330
26	0.2320	77	0.3330	136	-0.0490
27	0.1650	78	0.2580	137	-0.0390
28	-0.0240	79	0.1720	138	0.0830
29	-0.1680	80	0.0600	139	0.0570
30	0.5340	81	-0.1410	140	0.0780
32	0.4480	82	-0.2770	141	0.2070
33	0.4160	83	0.4100	142	0.1370
34	0.3890	84	0.3510	143	0.1740
35	0.3590	85	0.2520	145	-0.0690
36	0.3380	86	0.1440	147	0.1420
37	0.3060	87	0.0220	151	0.1170
38	0.2700	88	-0.1460	152	-0.0730
39	0.2240	89	-0.3300	153	-0.1240
40	0.1480	90	0.3260	154	-0.2900
41	-0.0230	91	0.1330	155	0.1110
42	-0.1780	92	0.0010	156	0.2890
43	0.5530	93	-0.1050	157	0.0540
44	0.4990	94	-0.2360	158	0.6570
45	0.4530	95	-0.4260	159	0.3550
46	0.4170	96	-0.9400	160	0.3080
47	0.3790	97	-0.8110	161	0.1560
48	0.3410	98	-1.0410	162	0.4700
49	0.3000	99	-0.8280	163	0.3450
50	0.2520	100	-0.7020	164	0.0540
51	0.1850	101	-0.7710	165	0.0290

ORF	CP	ORF	CP	ORF	CP
166	0.3210	217	-0.7040	268	-0.4570
167	0.2640	218	-0.3780	269	-0.5320
168	0.1840	219	-0.0980	270	-0.2910
169	0.0030	220	-0.0240	271	-0.6460
170	0.2970	221	-0.2000	272	-0.6610
171	0.0590	222	-0.1150	273	-0.3060
172	-0.1560	223	0.2350	274	-0.2470
173	0.1180	224	0.2290	275	0.1100
174	-0.0210	225	0.2260	276	0.7770
175	-0.2730	226	0.0870	277	0.5510
176	-0.3840	227	-1.1040	278	-0.5160
177	-0.1130	228	-1.0070	279	-0.4380
178	-0.2580	229	-0.9170	280	-0.2410
179	-0.2160	230	-0.7350	281	0.1900
180	-0.3160	231	-0.5250	282	0.3380
181	0.5270	232	-0.3460	283	0.3240
182	0.6750	233	-0.1160	284	0.3060
183	0.2210	234	-0.0330	285	0.2110
184	0.3510	235	-0.0830	286	-0.7600
185	0.5730	236	0.0030	287	-0.6890
186	0.8440	237	0.1590	288	-0.2070
187	0.9960	238	0.1820	289	-0.1960
188	1.0520	239	0.2480	290	-0.3530
189	1.0640	240	0.1570	291	-0.5840
190	-0.0110	241	-0.7380	292	-0.3530
191	-0.2390	242	-0.7130	325	0.1020
192	-0.2400	244	-0.5330	326	0.1000
193	-0.2540	245	-0.3400	327	0.0980
194	-0.2450	246	-0.1800	328	0.0980
195	-0.2360	247	-0.0050	329	0.1000
196	-0.2700	248	0.0660	330	0.0990
197	-0.2600	249	0.0560	331	0.1010
198	-0.2630	250	0.1050	332	0.0990
199	-0.2600	251	-0.3470	333	0.0990
200	-0.2390	252	-0.4170	334	0.1000
201	-0.2320	253	0.5040	335	0.0990
202	-0.2450	254	0.2880	336	0.1010
203	-0.2390	255	-0.4980	337	0.1020
204	-0.2340	256	-0.4520	338	0.0990
205	-0.0010	257	-0.4140	339	0.0980
206	-0.0170	258	-0.2500	340	0.0980
207	0.0140	259	-0.0230	341	0.1000
208	0.0370	260	0.0710	350	0.0950
210	0.5200	261	0.1510	351	0.0970
211	0.0580	262	0.1760	352	0.0980
212	0.0060	263	-0.1340	353	0.0990
213	-1.0670	264	-0.2660	354	0.0960
214	-1.0260	265	-0.5370	355	0.0970
215	-0.9310	266	-0.4710		
216	-0.7340	267	-0.1940		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 980
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 47.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.947
TUNNEL DYNAMIC PRESSURE(PSF) = 678.
TUNNEL STAGNATION PRESSURE(PSF) = 1925.
TUNNEL STATIC PRESSURE(PSF) = 1081.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 0.08
FIN ANGLE(DEG) = -0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.7636
247	0.7626
347	0.7626
447	0.7636
547	0.7606
647	0.7606
747	0.7606

ORF	CP	ORF	CP	ORF	CP
1	0.0876	52	-0.1344	102	-0.6104
2	-0.3554	53	-0.3894	103	-0.8664
3	-0.4074	54	-0.5484	104	-0.8534
4	-0.2824	55	0.0886	105	-0.7154
5	-0.1734	56	0.0666	110	-0.1244
6	-0.0904	57	0.0546	111	-0.0944
7	-0.0434	58	0.0326	112	-0.0384
8	-0.0184	59	0.0106	113	-0.0514
9	-0.0104	60	-0.0144	114	0.0536
10	-0.0124	61	-0.0484	115	0.0526
11	-0.0214	62	-0.0964	116	0.0516
12	-0.0384	63	-0.1724	117	0.0536
13	-0.0764	64	-0.5844	118	0.0546
14	-0.2424	65	-0.5674	119	0.0526
15	-0.3774	66	0.0876	120	-0.0424
16	-0.2084	67	0.0626	121	0.0546
17	-0.1904	68	0.0346	122	0.0556
18	-0.1164	69	0.0056	123	0.0526
19	-0.0694	70	-0.0254	124	0.0036
20	-0.0394	71	-0.0654	125	-0.0144
21	-0.0114	72	-0.1204	126	0.0116
22	-0.0014	73	-0.2184	127	-0.0004
23	-0.0004	74	-0.5964	128	0.0276
24	-0.0074	75	0.0746	129	-0.0864
25	-0.0184	76	0.0386	135	0.0256
26	-0.0424	77	-0.0054	136	0.0196
27	-0.0924	78	-0.0474	137	0.0286
28	-0.2484	79	-0.0974	138	0.1116
29	-0.4144	80	-0.1574	139	0.1096
30	-0.0434	81	-0.2934	140	0.1076
32	-0.0114	82	-0.6084	141	0.1176
33	0.0046	83	0.0526	142	0.1196
34	0.0106	84	-0.0064	143	0.1196
35	0.0116	85	-0.0644	145	0.0196
36	0.0096	86	-0.1094	147	0.1186
37	-0.0004	87	-0.1624	151	-0.0894
38	-0.0164	88	-0.2604	152	-0.2154
39	-0.0444	89	-0.6224	153	-0.2784
40	-0.0974	90	-0.0564	154	-0.3064
41	-0.2264	91	-0.0854	155	0.0796
42	-0.4614	92	-0.1294	156	0.0946
43	0.0566	93	-0.1714	157	-0.0884
44	0.0476	94	-0.2434	158	0.3796
45	0.0396	95	-0.6214	159	0.2176
46	0.0366	96	-0.4034	160	0.1476
47	0.0246	97	-0.5654	161	0.0256
48	0.0096	98	0.0296	162	0.3176
49	-0.0064	99	-0.0144	163	0.2256
50	-0.0304	100	-0.2784	164	0.1106
51	-0.0704	101	-0.6614	165	-0.0364

ORF	CP	ORF	CP	ORF	CP
166	0.3366	217	-0.1544	268	-0.4934
167	0.2196	218	-0.0534	269	-0.3164
168	0.1836	219	-0.0164	270	-0.2254
169	0.0466	220	-0.0404	271	-0.6024
170	0.0686	221	-0.3184	272	-0.6234
171	0.0926	222	-0.3664	273	-0.2364
172	-0.1054	223	0.0646	274	-0.1874
173	-0.0584	224	0.1786	275	0.3676
174	-0.1904	225	0.2866	276	0.3466
175	-0.3014	226	0.1216	277	0.1816
176	-0.3354	227	-0.6324	278	-0.7544
177	-0.2634	228	-0.6154	279	-0.7044
178	-0.4324	229	-0.5764	280	-0.6264
179	-0.3924	230	-0.4234	281	-0.4714
180	-0.2494	231	-0.1774	282	-0.2214
181	0.3356	232	-0.0584	283	-0.0754
182	0.4466	233	-0.0234	284	-0.0054
183	0.4576	234	-0.0324	285	-0.0514
184	0.6756	235	-0.2014	286	-0.6414
185	0.7636	236	-0.1734	287	-0.5074
186	0.8196	237	0.0726	288	-0.1694
187	0.9126	238	0.0216	289	-0.1774
188	0.9586	239	0.2436	290	-0.2664
189	1.0026	240	0.1186	291	-0.5914
190	0.2626	241	-0.5614	292	-0.0494
191	-0.2354	242	-0.5524	325	0.0686
192	-0.2394	244	-0.3174	326	0.0706
193	-0.2394	245	-0.1284	327	0.0706
194	-0.2434	246	-0.0714	328	0.0686
195	-0.2424	247	-0.0394	329	0.0686
196	-0.2584	248	-0.0364	330	0.0686
197	-0.2414	249	-0.0994	331	0.0706
198	-0.2484	250	0.0696	332	0.0716
199	-0.2484	251	-0.3494	333	0.0706
200	-0.2424	252	-0.3174	334	0.0706
201	-0.2474	253	0.2656	335	0.0706
202	-0.2404	254	0.1186	336	0.0696
203	-0.2454	255	-0.6474	337	0.0696
204	-0.2484	256	-0.6194	338	0.0716
205	0.2466	257	-0.5884	339	0.0706
206	0.2696	258	-0.4814	340	0.0686
207	0.2726	259	-0.2154	341	0.0696
208	0.2656	260	-0.0664	350	0.0546
210	0.3366	261	-0.0164	351	0.0536
211	0.3376	262	-0.0284	352	0.0536
212	0.1786	263	-0.2994	353	0.0526
213	-0.7834	264	-0.3634	354	0.0536
214	-0.6634	265	-0.3634	355	0.0546
215	-0.5884	266	-0.2834		
216	-0.4094	267	-0.3724		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1033
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 655.
TUNNEL STAGNATION PRESSURE(PSF) = 1954.
TUNNEL STATIC PRESSURE(PSF) = 1156.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.29
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6781
247	0.6771
347	0.6771
447	0.6771
547	0.6801
647	0.6791
747	0.6791

ORF	CP	ORF	CP	ORF	CP
1	-0.9319	52	-0.8029	102	-0.6649
2	-1.0789	53	-0.7709	103	-0.8769
3	-1.0659	54	-0.7479	104	-0.8439
4	-1.0909	55	-1.0679	105	-0.6719
5	-1.0879	56	-1.0639	110	-0.1449
6	-1.0749	57	-1.0459	111	-0.2019
7	-1.0059	58	-1.0269	112	-0.1159
8	-0.7079	59	-0.9949	113	-0.1589
9	-0.4469	60	-0.9599	114	0.1041
10	-0.3919	61	-0.9089	115	0.1041
11	-0.4599	62	-0.8749	116	0.1041
12	-0.4279	63	-0.8289	117	0.1021
13	-0.4069	64	-0.7989	118	0.1021
14	-0.5579	65	-0.7769	119	0.1031
15	-0.6819	66	-0.9299	120	-0.0469
16	-1.2579	67	-0.8999	121	0.1041
17	-1.3809	68	-0.8859	122	0.1021
18	-1.4529	69	-0.8589	123	0.1041
19	-1.4039	70	-0.8529	124	-0.0739
20	-1.2279	71	-0.8339	125	-0.0969
21	-1.1869	72	-0.8029	126	-0.0829
22	-1.0709	73	-0.7969	127	-0.0869
23	-0.8959	74	-0.7689	128	-0.0899
24	-0.8759	75	-0.7769	129	-0.1359
25	-0.7009	76	-0.7609	135	-0.0419
26	-0.6119	77	-0.7559	136	-0.0389
27	-0.5379	78	-0.7249	137	-0.0449
28	-0.6149	79	-0.7299	138	0.0711
29	-0.7239	80	-0.7179	139	0.0701
30	-1.3469	81	-0.7119	140	0.0611
32	-1.1349	82	-0.7059	141	0.1401
33	-1.1349	83	-0.6189	142	0.0901
34	-1.1369	84	-0.7099	143	0.1601
35	-1.0839	85	-0.7079	145	-0.0469
36	-1.0449	86	-0.7009	147	0.0761
37	-0.9609	87	-0.6959	151	-0.1609
38	-0.8789	88	-0.6799	152	-0.2039
39	-0.8119	89	-0.6889	153	-0.2339
40	-0.7649	90	-0.6719	154	-0.2559
41	-0.7419	91	-0.6749	155	-0.1149
42	-0.6739	92	-0.6829	156	-0.1739
43	-1.1159	93	-0.6729	157	-0.2339
44	-1.1289	94	-0.6679	158	0.0151
45	-1.1269	95	-0.6799	159	-0.1159
46	-1.1059	96	0.2131	160	-0.1689
47	-1.0869	97	-0.4679	161	-0.2199
48	-1.0419	98	0.3781	162	0.0611
49	-0.9909	99	0.2691	163	-0.0359
50	-0.9179	100	-0.3459	164	0.0631
51	-0.8479	101	-0.7169	165	-0.1809

ORF	CP	ORF	CP	ORF	CP
166	0.1651	217	-0.2369	268	-0.5739
167	-0.0009	218	-0.1799	269	-0.2389
168	-0.0179	219	-0.1609	270	-0.1729
169	-0.0999	220	-0.1699	271	-0.6599
170	-0.0869	221	-0.4069	272	-0.5879
171	-0.1099	222	-0.3359	273	-0.1489
172	-0.2139	223	-0.0629	274	-0.1339
173	-0.1599	224	0.0581	275	0.0671
174	-0.2269	225	-0.0029	276	-0.4109
175	-0.2649	226	-0.1639	277	-0.3979
176	-0.2929	227	-0.6279	278	-1.4119
177	-0.2879	228	-0.6319	279	-1.3589
178	-0.2979	229	-0.6059	280	-1.2639
179	-0.2609	230	-0.4979	281	-1.1799
180	-0.2599	231	-0.3019	282	-1.0049
181	-0.1099	232	-0.2289	283	-1.0209
182	0.0031	233	-0.1829	284	-0.4039
183	0.1541	234	-0.1869	285	-0.3929
184	0.2991	235	-0.2689	286	-0.6649
185	0.3641	236	-0.2219	287	-0.6079
186	0.3451	237	-0.0709	288	-0.1389
187	0.3611	238	-0.0849	289	-0.1519
188	0.3801	239	-0.0319	290	-0.2209
189	0.4291	240	-0.1089	291	-0.9519
190	0.4711	241	-1.2109	292	0.1201
191	-0.2549	242	-1.0549	325	0.0901
192	-0.2539	244	-0.6979	326	0.0921
193	-0.2469	245	-0.5009	327	0.0901
194	-0.2609	246	-0.3999	328	0.0911
195	-0.2659	247	-0.2559	329	0.0911
196	-0.2679	248	-0.1939	330	0.0921
197	-0.2579	249	-0.2269	331	0.0931
198	-0.2579	250	0.1101	332	0.0921
199	-0.2679	251	-0.2919	333	0.0951
200	-0.2689	252	-0.2749	334	0.0921
201	-0.2689	253	0.0471	335	0.0931
202	-0.2659	254	-0.0579	336	0.0911
203	-0.2649	255	-1.4139	337	0.0911
204	-0.2699	256	-1.3289	338	0.0921
205	-0.0659	257	-1.2689	339	0.0901
206	0.1421	258	-1.1469	340	0.0921
207	-0.0199	259	-1.1039	341	0.0921
208	0.0061	260	-0.9779	350	0.1031
210	0.0531	261	-0.3729	351	0.0991
211	0.0191	262	-0.3329	352	0.1021
212	-0.1129	263	-0.6849	353	0.1031
213	-0.7459	264	-0.4329	354	0.1021
214	-0.6499	265	-0.2969	355	0.1031
215	-0.5879	266	-0.2259		
216	-0.4129	267	-0.6809		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1034
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.895
TUNNEL DYNAMIC PRESSURE(PSF) = 651.
TUNNEL STAGNATION PRESSURE(PSF) = 1954.
TUNNEL STATIC PRESSURE(PSF) = 1162.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = -0.34
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6701
247	0.6691
347	0.6691
447	0.6701
547	0.6611
647	0.6601
747	0.6611

ORF	CP	ORF	CP	ORF	CP
1	-0.8699	52	-0.6779	102	-0.5859
2	-1.1409	53	-0.5969	103	-0.8029
3	-1.0629	54	-0.5589	104	-0.7909
4	-1.0679	55	-1.2019	105	-0.6279
5	-1.0609	56	-1.1729	110	-0.1399
6	-1.0239	57	-1.1249	111	-0.1959
7	-0.9579	58	-1.0829	112	-0.1139
8	-0.7309	59	-1.0489	113	-0.1599
9	-0.3619	60	-1.0029	114	0.0811
10	-0.2879	61	-0.9319	115	0.0841
11	-0.2489	62	-0.8709	116	0.0821
12	-0.2359	63	-0.8129	117	0.0851
13	-0.2579	64	-0.7559	118	0.0821
14	-0.4309	65	-0.7299	119	0.0841
15	-0.5379	66	-1.0209	120	-0.0689
16	-1.1979	67	-0.9919	121	0.0821
17	-1.3059	68	-0.9709	122	0.0821
18	-1.3249	69	-0.9369	123	0.0831
19	-1.2919	70	-0.8979	124	-0.0759
20	-1.2589	71	-0.8529	125	-0.0989
21	-1.1999	72	-0.8059	126	-0.0859
22	-0.9929	73	-0.7729	127	-0.0889
23	-0.7349	74	-0.7179	128	-0.0499
24	-0.4849	75	-0.8139	129	-0.1319
25	-0.2939	76	-0.7929	135	-0.0489
26	-0.2279	77	-0.7669	136	-0.0539
27	-0.2489	78	-0.7539	137	-0.0519
28	-0.3869	79	-0.7289	138	0.0601
29	-0.5609	80	-0.6989	139	0.0561
30	-1.4299	81	-0.6859	140	0.0551
32	-1.3689	82	-0.6619	141	0.1121
33	-1.3079	83	-0.5849	142	0.0771
34	-1.1639	84	-0.6639	143	0.1261
35	-0.8979	85	-0.6469	145	-0.0519
36	-0.6909	86	-0.6499	147	0.0691
37	-0.5869	87	-0.6329	151	-0.1409
38	-0.5449	88	-0.6279	152	-0.1749
39	-0.5169	89	-0.6289	153	-0.2119
40	-0.4679	90	-0.6079	154	-0.2399
41	-0.5179	91	-0.6029	155	-0.0759
42	-0.5759	92	-0.6009	156	-0.1449
43	-1.3769	93	-0.6019	157	-0.2149
44	-1.3689	94	-0.5979	158	0.0411
45	-1.2799	95	-0.6009	159	-0.0799
46	-1.2499	96	0.1371	160	-0.1429
47	-1.2239	97	-0.5219	161	-0.1899
48	-1.1909	98	0.3321	162	0.1681
49	-1.0659	99	0.2331	163	0.0301
50	-0.9179	100	-0.3599	164	0.0511
51	-0.7699	101	-0.6559	165	-0.1349

ORF	CP	ORF	CP	ORF	CP
166	0.2821	217	-0.2289	268	-0.5349
167	0.0901	218	-0.1809	269	-0.2609
168	0.0761	219	-0.1589	270	-0.1929
169	-0.0249	220	-0.1699	271	-0.6169
170	0.0411	221	-0.4249	272	-0.5619
171	-0.0849	222	-0.3909	273	-0.1739
172	-0.1969	223	-0.0559	274	-0.1469
173	-0.1539	224	0.1051	275	0.0981
174	-0.2019	225	0.0311	276	-0.3269
175	-0.3029	226	-0.1399	277	-0.3509
176	-0.3019	227	-0.6629	278	-1.4209
177	-0.2499	228	-0.6679	279	-1.3359
178	-0.2539	229	-0.6459	280	-1.2179
179	-0.2149	230	-0.5499	281	-1.1059
180	-0.2579	231	-0.3239	282	-0.9529
181	-0.1239	232	-0.2539	283	-0.9929
182	-0.0339	233	-0.2049	284	-0.3769
183	0.2131	234	-0.1999	285	-0.2489
184	0.4121	235	-0.2789	286	-0.6339
185	0.4811	236	-0.2319	287	-0.5519
186	0.4791	237	-0.0499	288	-0.1499
187	0.4571	238	-0.0939	289	-0.1529
188	0.4881	239	-0.0339	290	-0.2419
189	0.5011	240	-0.1209	291	-0.9299
190	0.4391	241	-1.0989	292	0.0941
191	-0.2509	242	-0.9709	325	0.0901
192	-0.2459	244	-0.6289	326	0.0881
193	-0.2469	245	-0.4689	327	0.0891
194	-0.2539	246	-0.4019	328	0.0851
195	-0.2649	247	-0.2809	329	0.0891
196	-0.2659	248	-0.1859	330	0.0871
197	-0.2599	249	-0.2049	331	0.0901
198	-0.2649	250	0.0951	332	0.0891
199	-0.2679	251	-0.3289	333	0.0881
200	-0.2789	252	-0.2909	334	0.0911
201	-0.2669	253	0.0311	335	0.0891
202	-0.2609	254	-0.0909	336	0.0881
203	-0.2669	255	-1.4309	337	0.0901
204	-0.2689	256	-1.3319	338	0.0881
205	0.0011	257	-1.2439	339	0.0881
206	0.1651	258	-1.0849	340	0.0851
207	0.0421	259	-1.0269	341	0.0881
208	0.0601	260	-0.8099	350	0.0821
210	0.0601	261	-0.3829	351	0.0811
211	0.0631	262	-0.2339	352	0.0851
212	-0.0729	263	-0.5019	353	0.0851
213	-0.8169	264	-0.4299	354	0.0881
214	-0.6309	265	-0.3079	355	0.0851
215	-0.5639	266	-0.2529		
216	-0.3619	267	-0.5489		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1035
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 662.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 1164.
REYNOLDS NUMBER PER FOOT = 4.0290E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.17
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6577
247	0.6567
347	0.6577
447	0.6577
547	0.6607
647	0.6597
747	0.6597

ORF	CP	ORF	CP	ORF	CP
1	-0.5863	52	-0.3083	102	-0.5943
2	-0.9563	53	-0.5543	103	-0.7153
3	-0.9353	54	-0.6053	104	-0.7003
4	-0.9223	55	-1.0463	105	-0.5833
5	-0.7843	56	-1.0993	110	-0.0873
6	-0.5343	57	-1.1323	111	-0.1413
7	-0.3553	58	-1.1063	112	-0.0693
8	-0.2713	59	-1.0783	113	-0.1103
9	-0.2223	60	-0.9153	114	0.0927
10	-0.2043	61	-0.3503	115	0.0917
11	-0.1913	62	-0.1743	116	0.0917
12	-0.1963	63	-0.2193	117	0.0927
13	-0.2213	64	-0.6443	118	0.0927
14	-0.3933	65	-0.5733	119	0.0927
15	-0.5183	66	-0.8993	120	-0.0553
16	-0.9423	67	-0.9083	121	0.0967
17	-0.9723	68	-0.9813	122	0.0937
18	-0.9643	69	-1.0213	123	0.0927
19	-0.8683	70	-1.0183	124	-0.0833
20	-0.7023	71	-1.0033	125	-0.0583
21	-0.5753	72	-0.9453	126	-0.0433
22	-0.4593	73	-0.8013	127	-0.0513
23	-0.3383	74	-0.6093	128	-0.0083
24	-0.2523	75	-0.8003	129	-0.1103
25	-0.2073	76	-0.8273	135	-0.0013
26	-0.2003	77	-0.8463	136	-0.0073
27	-0.2333	78	-0.8673	137	-0.0053
28	-0.3843	79	-0.8563	138	0.0917
29	-0.5483	80	-0.7913	139	0.0907
30	-1.1963	81	-0.7263	140	0.0907
32	-0.9603	82	-0.6373	141	0.1137
33	-0.7363	83	-0.6343	142	0.0887
34	-0.4833	84	-0.7303	143	0.1947
35	-0.3343	85	-0.7263	145	-0.0113
36	-0.2883	86	-0.6953	147	0.0887
37	-0.2563	87	-0.6653	151	-0.0873
38	-0.2533	88	-0.6163	152	-0.1513
39	-0.2723	89	-0.5753	153	-0.1393
40	-0.3273	90	-0.6193	154	-0.2263
41	-0.4663	91	-0.5833	155	-0.0163
42	-0.5883	92	-0.5593	156	-0.0343
43	-1.2643	93	-0.5603	157	-0.1573
44	-1.2163	94	-0.5463	158	0.0137
45	-1.1093	95	-0.5263	159	-0.0163
46	-0.9623	96	0.0307	160	-0.0583
47	-0.7533	97	-0.5663	161	-0.1013
48	-0.3443	98	0.2427	162	0.1347
49	-0.1453	99	0.1667	163	0.0827
50	-0.1493	100	-0.4203	164	0.0927
51	-0.2193	101	-0.6593	165	-0.1093

ORF	CP	ORF	CP	ORF	CP
166	0.2657	217	-0.1243	268	-0.5173
167	0.1457	218	-0.0913	269	-0.2423
168	0.1337	219	-0.0763	270	-0.1773
169	0.0227	220	-0.1063	271	-0.6003
170	0.0847	221	-0.3623	272	-0.5653
171	0.0557	222	-0.3423	273	-0.1623
172	-0.1163	223	-0.0203	274	-0.1343
173	-0.0973	224	0.1017	275	0.1677
174	-0.1793	225	0.1377	276	-0.0633
175	-0.3043	226	-0.0003	277	-0.1663
176	-0.3083	227	-0.7363	278	-1.3353
177	-0.2133	228	-0.7123	279	-1.1853
178	-0.2093	229	-0.6523	280	-1.0213
179	-0.1543	230	-0.5023	281	-0.8373
180	-0.2403	231	-0.2503	282	-0.7293
181	-0.0133	232	-0.1533	283	-0.4363
182	0.0817	233	-0.1183	284	-0.2173
183	0.2827	234	-0.1293	285	-0.2003
184	0.4457	235	-0.2553	286	-0.6003
185	0.5457	236	-0.1973	287	-0.5403
186	0.6627	237	0.0177	288	-0.1493
187	0.8017	238	-0.0053	289	-0.1463
188	0.9137	239	0.0887	290	-0.2063
189	0.9857	240	-0.0263	291	-0.8313
190	0.3937	241	-0.8833	292	0.0527
191	-0.2343	242	-0.8113	325	0.0877
192	-0.2343	244	-0.5363	326	0.0897
193	-0.2323	245	-0.3583	327	0.0887
194	-0.2343	246	-0.2683	328	0.0857
195	-0.2413	247	-0.1863	329	0.0867
196	-0.2433	248	-0.1563	330	0.0877
197	-0.2383	249	-0.1813	331	0.0907
198	-0.2343	250	0.0997	332	0.0897
199	-0.2343	251	-0.2863	333	0.0867
200	-0.2473	252	-0.2603	334	0.0877
201	-0.2363	253	0.0887	335	0.0877
202	-0.2413	254	-0.0433	336	0.0887
203	-0.2343	255	-1.3783	337	0.0877
204	-0.2383	256	-1.2673	338	0.0887
205	0.1497	257	-1.1283	339	0.0887
206	0.2307	258	-0.8283	340	0.0867
207	0.1917	259	-0.5513	341	0.0857
208	0.2037	260	-0.3673	350	0.0947
210	0.1097	261	-0.2313	351	0.0927
211	0.1257	262	-0.1773	352	0.0917
212	0.0087	263	-0.4243	353	0.0947
213	-0.6103	264	-0.4093	354	0.0907
214	-0.4383	265	-0.2763	355	0.0917
215	-0.3233	266	-0.2223		
216	-0.1863	267	-0.4933		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1036
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 659.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 1168.
REYNOLDS NUMBER PER FOOT = 4.0250E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.09
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.6526
247	0.6526
347	0.6536
447	0.6536
547	0.6596
647	0.6586
747	0.6586

ORF	CP	ORF	CP	ORF	CP
1	-0.3564	52	-0.3044	102	-0.5754
2	-0.7414	53	-0.5544	103	-0.7264
3	-0.8464	54	-0.6454	104	-0.7254
4	-0.6434	55	-0.8154	105	-0.5884
5	-0.4174	56	-0.8584	110	-0.0774
6	-0.3214	57	-0.8404	111	-0.1244
7	-0.2624	58	-0.7784	112	-0.0564
8	-0.2244	59	-0.5914	113	-0.0984
9	-0.2084	60	-0.2514	114	0.0786
10	-0.2024	61	-0.1584	115	0.0806
11	-0.1974	62	-0.1904	116	0.0796
12	-0.2104	63	-0.2674	117	0.0826
13	-0.2424	64	-0.7174	118	0.0816
14	-0.4054	65	-0.6914	119	0.0816
15	-0.5064	66	-0.7264	120	-0.0674
16	-0.7684	67	-0.7534	121	0.0796
17	-0.7594	68	-0.7594	122	0.0796
18	-0.6584	69	-0.7484	123	0.0796
19	-0.4804	70	-0.7054	124	-0.0224
20	-0.3774	71	-0.6454	125	-0.0544
21	-0.2994	72	-0.5804	126	-0.0324
22	-0.2504	73	-0.5374	127	-0.0454
23	-0.2274	74	-0.6364	128	-0.0014
24	-0.2134	75	-0.7174	129	-0.1134
25	-0.2094	76	-0.7384	135	-0.0004
26	-0.2254	77	-0.7474	136	-0.0064
27	-0.2684	78	-0.7444	137	-0.0034
28	-0.4214	79	-0.7264	138	0.0966
29	-0.5374	80	-0.7054	139	0.0956
30	-1.0484	81	-0.6934	140	0.0956
32	-0.5084	82	-0.6134	141	0.1176
33	-0.3094	83	-0.6344	142	0.1036
34	-0.2354	84	-0.7594	143	0.1196
35	-0.2094	85	-0.7654	145	-0.0074
36	-0.2094	86	-0.7534	147	0.1006
37	-0.2134	87	-0.7134	151	-0.0514
38	-0.2264	88	-0.6654	152	-0.1484
39	-0.2494	89	-0.5834	153	-0.1854
40	-0.3004	90	-0.7614	154	-0.2234
41	-0.4384	91	-0.7414	155	0.0216
42	-0.5734	92	-0.7064	156	-0.0254
43	-1.0664	93	-0.6794	157	-0.1324
44	-0.9904	94	-0.6344	158	0.0706
45	-0.8004	95	-0.5354	159	0.0306
46	-0.3674	96	-0.0084	160	-0.0164
47	-0.1224	97	-0.5854	161	-0.0964
48	-0.1334	98	0.1856	162	0.1476
49	-0.1694	99	0.1126	163	0.0746
50	-0.1934	100	-0.4464	164	0.0936
51	-0.2404	101	-0.6294	165	-0.0934

ORF	CP	ORF	CP	ORF	CP
166	0.2336	217	-0.1004	268	-0.4984
167	0.1116	218	-0.0804	269	-0.2704
168	0.0936	219	-0.0734	270	-0.1944
169	-0.0044	220	-0.1044	271	-0.5884
170	0.0406	221	-0.3314	272	-0.5624
171	0.0296	222	-0.3454	273	-0.1884
172	-0.1194	223	-0.0024	274	-0.1584
173	-0.0724	224	0.0966	275	0.2306
174	-0.1634	225	0.1416	276	0.0836
175	-0.2384	226	-0.0044	277	-0.0704
176	-0.2714	227	-0.7254	278	-1.3024
177	-0.2214	228	-0.6754	279	-1.1584
178	-0.2684	229	-0.6134	280	-1.0034
179	-0.1694	230	-0.4214	281	-0.7704
180	-0.2244	231	-0.1924	282	-0.4584
181	0.1096	232	-0.1254	283	-0.3174
182	0.1996	233	-0.0964	284	-0.2024
183	0.2136	234	-0.1124	285	-0.2164
184	0.3976	235	-0.2344	286	-0.6104
185	0.4686	236	-0.1884	287	-0.5144
186	0.5496	237	0.0086	288	-0.1634
187	0.6786	238	0.0096	289	-0.1704
188	0.7766	239	0.1886	290	-0.2254
189	0.8756	240	0.0706	291	-0.8584
190	0.3356	241	-0.9594	292	0.0016
191	-0.2284	242	-0.8654	325	0.0836
192	-0.2224	244	-0.5914	326	0.0826
193	-0.2224	245	-0.3324	327	0.0806
194	-0.2214	246	-0.2304	328	0.0826
195	-0.2334	247	-0.1574	329	0.0846
196	-0.2364	248	-0.1384	330	0.0816
197	-0.2254	249	-0.1684	331	0.0836
198	-0.2214	250	0.0866	332	0.0816
199	-0.2244	251	-0.2824	333	0.0826
200	-0.2374	252	-0.2594	334	0.0846
201	-0.2214	253	0.1356	335	0.0816
202	-0.2224	254	-0.0124	336	0.0826
203	-0.2224	255	-1.3134	337	0.0836
204	-0.2254	256	-1.2294	338	0.0826
205	0.1996	257	-1.0504	339	0.0816
206	0.2576	258	-0.7044	340	0.0836
207	0.2336	259	-0.3954	341	0.0836
208	0.2456	260	-0.2754	350	0.0816
210	0.1356	261	-0.1964	351	0.0806
211	0.1406	262	-0.1784	352	0.0816
212	0.0206	263	-0.3994	353	0.0806
213	-0.5974	264	-0.3994	354	0.0806
214	-0.4344	265	-0.2984	355	0.0796
215	-0.3284	266	-0.2364		
216	-0.1704	267	-0.4734		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1037
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 662.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 1163.
REYNOLDS NUMBER PER FOOT = 4.0330E 06
MODEL ANGLE OF ATTACK(DEG) = -4.02
FIN ANGLE(DEG) = 0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.6582
247	0.6562
347	0.6572
447	0.6582
547	0.6652
647	0.6652
747	0.6652

ORF	CP	ORF	CP	ORF	CP
1	-0.1518	52	-0.2638	102	-0.5608
2	-0.5268	53	-0.5148	103	-0.6978
3	-0.5468	54	-0.6488	104	-0.7098
4	-0.4238	55	-0.6078	105	-0.5628
5	-0.3198	56	-0.5778	110	-0.0638
6	-0.2558	57	-0.4568	111	-0.1038
7	-0.2158	58	-0.2788	112	-0.0478
8	-0.1918	59	-0.1598	113	-0.0838
9	-0.1788	60	-0.1368	114	0.0802
10	-0.1698	61	-0.1678	115	0.0792
11	-0.1728	62	-0.2078	116	0.0792
12	-0.1868	63	-0.2778	117	0.0802
13	-0.2208	64	-0.7028	118	0.0802
14	-0.3668	65	-0.6878	119	0.0802
15	-0.4678	66	-0.5658	120	-0.0568
16	-0.4968	67	-0.5608	121	0.0792
17	-0.4568	68	-0.5008	122	0.0782
18	-0.3508	69	-0.3888	123	0.0802
19	-0.2768	70	-0.2778	124	-0.0098
20	-0.2328	71	-0.2298	125	-0.0348
21	-0.1988	72	-0.2488	126	-0.0058
22	-0.1768	73	-0.3488	127	-0.0188
23	-0.1718	74	-0.6568	128	0.0062
24	-0.1698	75	-0.5688	129	-0.0988
25	-0.1778	76	-0.5738	135	0.0072
26	-0.2008	77	-0.5348	136	-0.0058
27	-0.2478	78	-0.4358	137	0.0052
28	-0.3938	79	-0.3638	138	0.0982
29	-0.5068	80	-0.3208	139	0.0992
30	-0.6998	81	-0.4408	140	0.0972
32	-0.2108	82	-0.5848	141	0.1112
33	-0.1838	83	-0.5028	142	0.1092
34	-0.1688	84	-0.5908	143	0.1142
35	-0.1618	85	-0.5578	145	-0.0068
36	-0.1568	86	-0.4898	147	0.1052
37	-0.1618	87	-0.4188	151	-0.0248
38	-0.1728	88	-0.4478	152	-0.1518
39	-0.1978	89	-0.5628	153	-0.1868
40	-0.2478	90	-0.5968	154	-0.2218
41	-0.3818	91	-0.5878	155	0.0342
42	-0.5548	92	-0.5448	156	0.0252
43	-0.7368	93	-0.4758	157	-0.0928
44	-0.6028	94	-0.4788	158	0.1152
45	-0.2368	95	-0.5378	159	0.0662
46	-0.0988	96	-0.0558	160	0.0202
47	-0.1098	97	-0.6038	161	-0.0688
48	-0.1258	98	0.1312	162	0.1642
49	-0.1468	99	0.0612	163	0.0912
50	-0.1698	100	-0.4328	164	0.0942
51	-0.2068	101	-0.6158	165	-0.0348

ORF	CP	ORF	CP	ORF	CP
166	0.2382	217	-0.0828	268	-0.4748
167	0.1032	218	-0.0658	269	-0.2618
168	0.0902	219	-0.0668	270	-0.1928
169	-0.0058	220	-0.0998	271	-0.5638
170	0.0762	221	-0.3018	272	-0.5328
171	-0.0028	222	-0.3208	273	-0.1848
172	-0.1228	223	0.0102	274	-0.1578
173	-0.0908	224	0.1002	275	0.2992
174	-0.1538	225	0.1382	276	0.1682
175	-0.2498	226	-0.0058	277	0.0022
176	-0.2548	227	-0.5848	278	-0.9738
177	-0.2038	228	-0.5408	279	-0.9098
178	-0.2998	229	-0.4808	280	-0.8108
179	-0.2068	230	-0.2958	281	-0.6228
180	-0.2058	231	-0.1478	282	-0.3738
181	0.2012	232	-0.1048	283	-0.2548
182	0.2872	233	-0.0908	284	-0.1708
183	0.2202	234	-0.1008	285	-0.1968
184	0.3842	235	-0.2088	286	-0.5968
185	0.4302	236	-0.1738	287	-0.4648
186	0.4562	237	0.0022	288	-0.1418
187	0.5132	238	-0.0238	289	-0.1648
188	0.6092	239	0.2192	290	-0.2198
189	0.6742	240	0.0992	291	-0.7488
190	0.2732	241	-0.8088	292	-0.0448
191	-0.2158	242	-0.7598	325	0.0842
192	-0.2128	244	-0.5138	326	0.0812
193	-0.2148	245	-0.2738	327	0.0822
194	-0.2068	246	-0.1678	328	0.0812
195	-0.2168	247	-0.1168	329	0.0822
196	-0.2218	248	-0.1038	330	0.0812
197	-0.2128	249	-0.1368	331	0.0802
198	-0.2128	250	0.0862	332	0.0812
199	-0.2118	251	-0.2928	333	0.0812
200	-0.2148	252	-0.2548	334	0.0832
201	-0.2118	253	0.2032	335	0.0812
202	-0.2098	254	0.0372	336	0.0802
203	-0.2128	255	-0.8618	337	0.0842
204	-0.2128	256	-0.8418	338	0.0812
205	0.2312	257	-0.7928	339	0.0812
206	0.2792	258	-0.6518	340	0.0802
207	0.2672	259	-0.3838	341	0.0812
208	0.2652	260	-0.2318	350	0.0822
210	0.2222	261	-0.1528	351	0.0802
211	0.1472	262	-0.1528	352	0.0782
212	0.0272	263	-0.3608	353	0.0782
213	-0.5918	264	-0.3688	354	0.0782
214	-0.4778	265	-0.2868	355	0.0792
215	-0.3818	266	-0.2378		
216	-0.1628	267	-0.4388		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1038
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 661.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1165.
REYNOLDS NUMBER PER FOOT = 4.0310E 06
MODEL ANGLE OF ATTACK(DEG) = -1.93
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.6555
247	0.6545
347	0.6545
447	0.6545
547	0.6645
647	0.6635
747	0.6635

ORF	CP	ORF	CP	ORF	CP
1	-0.0195	52	-0.2385	102	-0.5385
2	-0.4435	53	-0.5025	103	-0.6875
3	-0.4975	54	-0.6165	104	-0.6965
4	-0.3855	55	-0.1945	105	-0.5515
5	-0.2735	56	-0.0815	110	-0.0585
6	-0.1945	57	-0.0745	111	-0.0935
7	-0.1555	58	-0.0865	112	-0.0405
8	-0.1225	59	-0.1035	113	-0.0735
9	-0.1145	60	-0.1195	114	0.0705
10	-0.1105	61	-0.1515	115	0.0705
11	-0.1175	62	-0.1975	116	0.0705
12	-0.1335	63	-0.2715	117	0.0715
13	-0.1755	64	-0.6905	118	0.0695
14	-0.3375	65	-0.6675	119	0.0685
15	-0.4445	66	-0.2325	120	-0.0695
16	-0.2775	67	-0.0825	121	0.0685
17	-0.2945	68	-0.0885	122	0.0675
18	-0.2405	69	-0.1095	123	0.0705
19	-0.1865	70	-0.1355	124	-0.0095
20	-0.1455	71	-0.1705	125	-0.0325
21	-0.1205	72	-0.2165	126	-0.0065
22	-0.1005	73	-0.3165	127	-0.0175
23	-0.0975	74	-0.6785	128	-0.0215
24	-0.1025	75	-0.2425	129	-0.1185
25	-0.1165	76	-0.1115	135	0.0025
26	-0.1455	77	-0.1275	136	-0.0025
27	-0.1995	78	-0.1525	137	0.0025
28	-0.3565	79	-0.1825	138	0.0955
29	-0.4845	80	-0.2395	139	0.0935
30	-0.2035	81	-0.3915	140	0.0915
32	-0.1345	82	-0.6825	141	0.1105
33	-0.1055	83	-0.2285	142	0.1075
34	-0.0935	84	-0.1655	143	0.1065
35	-0.0865	85	-0.1685	145	-0.0065
36	-0.0785	86	-0.1905	147	0.1075
37	-0.0895	87	-0.2425	151	-0.0515
38	-0.1105	88	-0.3515	152	-0.1645
39	-0.1405	89	-0.7025	153	-0.2225
40	-0.1965	90	-0.3205	154	-0.2535
41	-0.3335	91	-0.1555	155	0.1135
42	-0.5035	92	-0.1975	156	0.0665
43	-0.2285	93	-0.2455	157	-0.0805
44	-0.1025	94	-0.3345	158	0.2425
45	-0.0885	95	-0.6865	159	0.1585
46	-0.0865	96	-0.2255	160	0.0905
47	-0.0895	97	-0.6285	161	-0.0205
48	-0.0945	98	0.0515	162	0.2195
49	-0.1095	99	-0.0095	163	0.1575
50	-0.1335	100	-0.3915	164	0.0985
51	-0.1745	101	-0.5855	165	-0.0475

ORF	CP	ORF	CP	ORF	CP
166	0.3225	217	-0.1015	268	-0.4875
167	0.1345	218	-0.0635	269	-0.2665
168	0.1185	219	-0.0625	270	-0.2005
169	0.0125	220	-0.0965	271	-0.5785
170	0.1575	221	-0.2925	272	-0.5835
171	0.0305	222	-0.3465	273	-0.2015
172	-0.1045	223	0.0105	274	-0.1635
173	-0.0855	224	0.1175	275	0.3305
174	-0.1365	225	0.1625	276	0.2545
175	-0.2715	226	-0.0015	277	0.0805
176	-0.2495	227	-0.5545	278	-0.8745
177	-0.2265	228	-0.5475	279	-0.8165
178	-0.3815	229	-0.5065	280	-0.7345
179	-0.3045	230	-0.3595	281	-0.5835
180	-0.1955	231	-0.1395	282	-0.3245
181	0.2615	232	-0.0995	283	-0.1855
182	0.3635	233	-0.0875	284	-0.1035
183	0.3605	234	-0.0985	285	-0.1445
184	0.5355	235	-0.2185	286	-0.6025
185	0.5475	236	-0.1925	287	-0.5165
186	0.5395	237	0.0225	288	-0.1565
187	0.5535	238	-0.0515	289	-0.1715
188	0.6175	239	0.1965	290	-0.2355
189	0.6435	240	0.0755	291	-0.6905
190	0.2675	241	-0.6925	292	-0.0915
191	-0.1985	242	-0.6655	325	0.0905
192	-0.2005	244	-0.4135	326	0.0905
193	-0.1985	245	-0.1925	327	0.0895
194	-0.2015	246	-0.1295	328	0.0875
195	-0.2025	247	-0.0935	329	0.0885
196	-0.2135	248	-0.0885	330	0.0865
197	-0.1995	249	-0.1375	331	0.0925
198	-0.1985	250	0.0755	332	0.0915
199	-0.1975	251	-0.3355	333	0.0895
200	-0.1945	252	-0.2895	334	0.0895
201	-0.1905	253	0.2615	335	0.0875
202	-0.1915	254	0.1055	336	0.0885
203	-0.1905	255	-0.7355	337	0.0915
204	-0.1945	256	-0.7245	338	0.0915
205	0.2325	257	-0.6995	339	0.0905
206	0.2685	258	-0.6135	340	0.0885
207	0.2625	259	-0.3565	341	0.0885
208	0.2595	260	-0.1685	350	0.0695
210	0.2625	261	-0.0865	351	0.0695
211	0.2215	262	-0.0965	352	0.0685
212	0.0745	263	-0.3525	353	0.0665
213	-0.6885	264	-0.3655	354	0.0695
214	-0.5865	265	-0.3115	355	0.0695
215	-0.5005	266	-0.2445		
216	-0.3065	267	-0.4315		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1039
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 661.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1165.
REYNOLDS NUMBER PER FOOT = 4.0300E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.17
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6545
247	0.6535
347	0.6545
447	0.6545
547	0.6625
647	0.6625
747	0.6625

ORF	CP	ORF	CP	ORF	CP
1	0.0235	52	-0.2045	102	-0.5605
2	-0.3665	53	-0.4805	103	-0.6925
3	-0.4095	54	-0.5725	104	-0.7115
4	-0.2965	55	0.0545	105	-0.5565
5	-0.1815	56	0.0305	110	-0.0565
6	-0.1085	57	0.0135	111	-0.0865
7	-0.0705	58	-0.0145	112	-0.0415
8	-0.0585	59	-0.0375	113	-0.0685
9	-0.0505	60	-0.0615	114	0.0585
10	-0.0595	61	-0.1025	115	0.0605
11	-0.0705	62	-0.1535	116	0.0595
12	-0.0895	63	-0.2355	117	0.0585
13	-0.1345	64	-0.6795	118	0.0625
14	-0.3045	65	-0.6545	119	0.0605
15	-0.4255	66	0.0445	120	-0.0635
16	-0.1825	67	0.0225	121	0.0605
17	-0.1855	68	-0.0095	122	0.0615
18	-0.1325	69	-0.0405	123	0.0585
19	-0.0895	70	-0.0805	124	-0.0005
20	-0.0635	71	-0.1215	125	-0.0205
21	-0.0485	72	-0.1805	126	0.0025
22	-0.0405	73	-0.2865	127	-0.0115
23	-0.0445	74	-0.6865	128	0.0185
24	-0.0535	75	0.0335	129	-0.1095
25	-0.0705	76	-0.0095	135	0.0195
26	-0.0985	77	-0.0525	136	0.0105
27	-0.1555	78	-0.1015	137	0.0165
28	-0.3215	79	-0.1545	138	0.1055
29	-0.4585	80	-0.2165	139	0.1075
30	-0.0665	81	-0.3665	140	0.1035
32	-0.0375	82	-0.6955	141	0.1215
33	-0.0275	83	0.0125	142	0.1185
34	-0.0305	84	-0.0575	143	0.1185
35	-0.0325	85	-0.1165	145	0.0115
36	-0.0365	86	-0.1645	147	0.1185
37	-0.0475	87	-0.2225	151	-0.0825
38	-0.0685	88	-0.3295	152	-0.1855
39	-0.1035	89	-0.7115	153	-0.2435
40	-0.1615	90	-0.0985	154	-0.2735
41	-0.3065	91	-0.1355	155	0.0785
42	-0.4795	92	-0.1815	156	0.0945
43	0.0235	93	-0.2305	157	-0.0775
44	0.0105	94	-0.3145	158	0.3425
45	-0.0025	95	-0.7065	159	0.2295
46	-0.0075	96	-0.4125	160	0.1575
47	-0.0235	97	-0.6655	161	0.0345
48	-0.0365	98	-0.0175	162	0.2865
49	-0.0585	99	-0.0715	163	0.2405
50	-0.0855	100	-0.3525	164	0.1045
51	-0.1315	101	-0.6175	165	-0.0225

ORF	CP	ORF	CP	ORF	CP
166	0.3135	217	-0.1425	268	-0.4525
167	0.2255	218	-0.0655	269	-0.2625
168	0.1845	219	-0.0435	270	-0.1815
169	0.0495	220	-0.0735	271	-0.5485
170	0.0515	221	-0.2625	272	-0.5795
171	0.1015	222	-0.3135	273	-0.1995
172	-0.0855	223	0.0025	274	-0.1455
173	-0.0585	224	0.1175	275	0.3395
174	-0.1665	225	0.2415	276	0.2925
175	-0.2665	226	0.0755	277	0.1245
176	-0.2855	227	-0.6315	278	-0.7115
177	-0.2395	228	-0.6065	279	-0.6875
178	-0.4145	229	-0.5625	280	-0.6335
179	-0.4005	230	-0.4105	281	-0.4745
180	-0.2255	231	-0.1535	282	-0.2065
181	0.3035	232	-0.0695	283	-0.0805
182	0.4085	233	-0.0545	284	-0.0375
183	0.4235	234	-0.0645	285	-0.0975
184	0.6295	235	-0.1965	286	-0.5835
185	0.7065	236	-0.1585	287	-0.5345
186	0.7695	237	0.0635	288	-0.1405
187	0.8355	238	0.0105	289	-0.1435
188	0.8925	239	0.2085	290	-0.2145
189	0.9305	240	0.0865	291	-0.5665
190	0.2095	241	-0.5545	292	-0.0785
191	-0.2095	242	-0.5555	325	0.0585
192	-0.2115	244	-0.3065	326	0.0595
193	-0.2145	245	-0.1315	327	0.0595
194	-0.2195	246	-0.0895	328	0.0575
195	-0.2125	247	-0.0655	329	0.0585
196	-0.2405	248	-0.0685	330	0.0585
197	-0.2215	249	-0.1155	331	0.0595
198	-0.2205	250	0.0685	332	0.0585
199	-0.2195	251	-0.2855	333	0.0575
200	-0.2175	252	-0.2465	334	0.0605
201	-0.2185	253	0.2235	335	0.0595
202	-0.2195	254	0.0695	336	0.0575
203	-0.2145	255	-0.6175	337	0.0585
204	-0.2115	256	-0.6115	338	0.0595
205	0.2195	257	-0.5815	339	0.0585
206	0.2465	258	-0.4785	340	0.0565
207	0.2455	259	-0.1955	341	0.0575
208	0.2395	260	-0.0755	350	0.0625
210	0.3055	261	-0.0485	351	0.0615
211	0.2825	262	-0.0615	352	0.0605
212	0.1265	263	-0.3195	353	0.0625
213	-0.7495	264	-0.3525	354	0.0635
214	-0.6585	265	-0.2725	355	0.0635
215	-0.5905	266	-0.2215		
216	-0.3835	267	-0.3825		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1040
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.896
TUNNEL DYNAMIC PRESSURE(PSF) = 658.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1172.
REYNOLDS NUMBER PER FOOT = 4.0250E 06
MODEL ANGLE OF ATTACK(DEG) = 2.08
FIN ANGLE(DEG) = -0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.6488
247	0.6468
347	0.6478
447	0.6478
547	0.6498
647	0.6488
747	0.6488

ORF	CP	ORF	CP	ORF	CP
1	0.0218	52	-0.1742	102	-0.5542
2	-0.2332	53	-0.4592	103	-0.6952
3	-0.2252	54	-0.4862	104	-0.7242
4	-0.1242	55	0.1558	105	-0.5672
5	-0.0612	56	0.1188	110	-0.0792
6	-0.0382	57	0.0878	111	-0.1052
7	-0.0262	58	0.0518	112	-0.0622
8	-0.0292	59	0.0178	113	-0.0872
9	-0.0292	60	-0.0132	114	0.0598
10	-0.0402	61	-0.0582	115	0.0578
11	-0.0552	62	-0.1162	116	0.0588
12	-0.0812	63	-0.2062	117	0.0588
13	-0.1292	64	-0.6772	118	0.0578
14	-0.2992	65	-0.6132	119	0.0588
15	-0.4002	66	0.1548	120	-0.0932
16	-0.0562	67	0.0918	121	0.0608
17	-0.0572	68	0.0448	122	0.0598
18	-0.0302	69	0.0058	123	0.0588
19	-0.0172	70	-0.0382	124	-0.0272
20	-0.0112	71	-0.0832	125	-0.0542
21	-0.0112	72	-0.1482	126	-0.0232
22	-0.0142	73	-0.2552	127	-0.0352
23	-0.0202	74	-0.6662	128	-0.0032
24	-0.0342	75	0.1328	129	-0.1382
25	-0.0562	76	0.0758	135	-0.0052
26	-0.0882	77	0.0198	136	-0.0102
27	-0.1442	78	-0.0432	137	-0.0052
28	-0.3072	79	-0.1122	138	0.0868
29	-0.4242	80	-0.1902	139	0.0888
30	0.0578	81	-0.3462	140	0.0878
32	0.0348	82	-0.6482	141	0.0958
33	0.0298	83	0.0918	142	0.1018
34	0.0138	84	0.0148	143	0.0998
35	0.0028	85	-0.0692	145	-0.0092
36	-0.0102	86	-0.1492	147	0.0998
37	-0.0272	87	-0.2152	151	-0.0982
38	-0.0482	88	-0.3282	152	-0.1632
39	-0.0882	89	-0.6662	153	-0.2772
40	-0.1462	90	-0.0232	154	-0.2732
41	-0.2892	91	-0.1372	155	0.1298
42	-0.4432	92	-0.1912	156	0.0838
43	0.1318	93	-0.2482	157	-0.0792
44	0.0958	94	-0.3422	158	0.4358
45	0.0708	95	-0.6202	159	0.2188
46	0.0508	96	-0.5002	160	0.1758
47	0.0328	97	-0.6782	161	0.0548
48	0.0118	98	-0.1072	162	0.2908
49	-0.0142	99	-0.1652	163	0.2508
50	-0.0492	100	-0.3742	164	0.0858
51	-0.1012	101	-0.6102	165	-0.0102

ORF	CP	ORF	CP	ORF	CP
166	0.2808	217	-0.2692	268	-0.4422
167	0.2498	218	-0.1362	269	-0.2732
168	0.1988	219	-0.0632	270	-0.2052
169	0.0538	220	-0.0832	271	-0.5492
170	0.0908	221	-0.2652	272	-0.5472
171	0.1318	222	-0.3292	273	-0.2152
172	-0.0772	223	0.0638	274	-0.1702
173	0.0128	224	0.1768	275	0.3178
174	-0.1412	225	0.2958	276	0.2308
175	-0.2182	226	0.1138	277	0.0868
176	-0.3012	227	-0.7142	278	-0.5912
177	-0.2522	228	-0.7102	279	-0.5742
178	-0.4022	229	-0.6792	280	-0.5152
179	-0.3222	230	-0.5582	281	-0.2932
180	-0.2312	231	-0.2952	282	-0.0602
181	0.3038	232	-0.1252	283	-0.0372
182	0.4238	233	-0.0542	284	-0.0322
183	0.3698	234	-0.0622	285	-0.0972
184	0.5898	235	-0.2012	286	-0.5862
185	0.7038	236	-0.1452	287	-0.5112
186	0.8308	237	0.0798	288	-0.1572
187	0.9338	238	0.0888	289	-0.1572
188	1.0258	239	0.2288	290	-0.2292
189	1.0488	240	0.1028	291	-0.4952
190	0.1698	241	-0.6492	292	-0.1282
191	-0.2092	242	-0.6262	325	0.0688
192	-0.2182	244	-0.3622	326	0.0688
193	-0.2212	245	-0.1562	327	0.0678
194	-0.2252	246	-0.1012	328	0.0658
195	-0.2192	247	-0.0662	329	0.0658
196	-0.2282	248	-0.0662	330	0.0668
197	-0.2262	249	-0.1132	331	0.0698
198	-0.2212	250	0.0708	332	0.0698
199	-0.2222	251	-0.2782	333	0.0668
200	-0.2202	252	-0.2512	334	0.0678
201	-0.2172	253	0.1858	335	0.0668
202	-0.2212	254	0.0338	336	0.0668
203	-0.2142	255	-0.5382	337	0.0678
204	-0.2092	256	-0.5302	338	0.0688
205	0.1848	257	-0.4902	339	0.0678
206	0.2088	258	-0.3202	340	0.0668
207	0.2098	259	-0.1182	341	0.0668
208	0.2048	260	-0.0732	350	0.0558
210	0.3528	261	-0.0602	351	0.0588
211	0.3128	262	-0.0802	352	0.0578
212	0.1328	263	-0.3102	353	0.0588
213	-0.8692	264	-0.3482	354	0.0588
214	-0.7682	265	-0.2812	355	0.0588
215	-0.7062	266	-0.2422		
216	-0.5402	267	-0.3682		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1041
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.894
TUNNEL DYNAMIC PRESSURE(PSF) = 656.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1174.
REYNOLDS NUMBER PER FOOT = 4.0200E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.23
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.6454
247	0.6454
347	0.6464
447	0.6464
547	0.6324
647	0.6334
747	0.6334

ORF	CP	ORF	CP	ORF	CP
1	0.0894	52	-0.1386	102	-0.5486
2	-0.0996	53	-0.4336	103	-0.6906
3	-0.0676	54	-0.4346	104	-0.7096
4	-0.0296	55	0.2534	105	-0.5676
5	0.0014	56	0.1914	110	-0.0966
6	0.0074	57	0.1604	111	-0.1226
7	0.0174	58	0.1184	112	-0.0806
8	0.0174	59	0.0794	113	-0.1046
9	0.0114	60	0.0384	114	0.0424
10	0.0034	61	-0.0136	115	0.0414
11	-0.0156	62	-0.0776	116	0.0424
12	-0.0366	63	-0.1756	117	0.0424
13	-0.0876	64	-0.6526	118	0.0454
14	-0.2656	65	-0.5246	119	0.0464
15	-0.3696	66	0.2424	120	-0.1216
16	0.0814	67	0.1654	121	0.0434
17	0.0534	68	0.1144	122	0.0424
18	0.0474	69	0.0644	123	0.0424
19	0.0444	70	0.0134	124	-0.0536
20	0.0394	71	-0.0366	125	-0.0866
21	0.0434	72	-0.1086	126	-0.0476
22	0.0364	73	-0.2326	127	-0.0666
23	0.0274	74	-0.6286	128	-0.0266
24	0.0124	75	0.2134	129	-0.1606
25	-0.0086	76	0.1324	135	-0.0206
26	-0.0446	77	0.0614	136	-0.0276
27	-0.1056	78	0.0004	137	-0.0266
28	-0.2716	79	-0.0736	138	0.0734
29	-0.3956	80	-0.1666	139	0.0714
30	0.1594	81	-0.3456	140	0.0684
32	0.1044	82	-0.6706	141	0.0904
33	0.0874	83	0.1624	142	0.0854
34	0.0734	84	0.0794	143	0.0874
35	0.0564	85	-0.0206	145	-0.0266
36	0.0424	86	-0.1176	147	0.0764
37	0.0204	87	-0.2106	151	-0.0636
38	-0.0106	88	-0.3436	152	-0.12[illegible]
39	-0.0466	89	-0.6716	153	-0.2346
40	-0.1116	90	0.0554	154	-0.2646
41	-0.2616	91	-0.1096	155	0.1774
42	-0.4246	92	-0.1956	156	0.1144
43	0.2324	93	-0.2756	157	-0.0536
44	0.1824	94	-0.3826	158	0.4384
45	0.1494	95	-0.6766	159	0.2394
46	0.1264	96	-0.5656	160	0.2044
47	0.0984	97	-0.6816	161	0.0784
48	0.0694	98	-0.4366	162	0.2614
49	0.0374	99	-0.5416	163	0.2344
50	-0.0026	100	-0.5086	164	0.0714
51	-0.0566	101	-0.6116	165	-0.0066

ORF	CP	ORF	CP	ORF	CP
166	0.2154	217	-0.3376	268	-0.4636
167	0.2174	218	-0.2096	269	-0.3176
168	0.1804	219	-0.1146	270	-0.2416
169	0.0374	220	-0.1166	271	-0.5766
170	0.1474	221	-0.2986	272	-0.5726
171	0.1024	222	-0.3416	273	-0.2486
172	-0.0946	223	0.0934	274	-0.2006
173	0.0474	224	0.1414	275	0.2564
174	-0.1106	225	0.2894	276	0.2344
175	-0.2076	226	0.1144	277	0.1174
176	-0.2836	227	-0.8026	278	-0.5006
177	-0.2196	228	-0.7996	279	-0.4716
178	-0.3586	229	-0.7596	280	-0.3086
179	-0.2486	230	-0.6516	281	-0.1026
180	-0.2416	231	-0.3846	282	-0.0266
181	0.2834	232	-0.1966	283	-0.0156
182	0.3964	233	-0.0906	284	-0.0056
183	0.2814	234	-0.0916	285	-0.0796
184	0.4604	235	-0.2156	286	-0.6266
185	0.6184	236	-0.1466	287	-0.5156
186	0.7994	237	0.0584	288	-0.1856
187	0.9644	238	0.1104	289	-0.1816
188	1.0684	239	0.2554	290	-0.2506
189	1.1124	240	0.1324	291	-0.4856
190	0.0874	241	-0.8036	292	-0.2186
191	-0.2116	242	-0.7546	325	0.0624
192	-0.2076	244	-0.4786	326	0.0634
193	-0.2126	245	-0.2326	327	0.0614
194	-0.2126	246	-0.1296	328	0.0624
195	-0.2026	247	-0.0666	329	0.0614
196	-0.2346	248	-0.0586	330	0.0644
197	-0.2246	249	-0.1026	331	0.0634
198	-0.2326	250	0.0494	332	0.0614
199	-0.2236	251	-0.3326	333	0.0624
200	-0.2146	252	-0.2986	334	0.0614
201	-0.2246	253	0.2234	335	0.0644
202	-0.2306	254	0.0694	336	0.0624
203	-0.2256	255	-0.6026	337	0.0614
204	-0.2266	256	-0.5686	338	0.0624
205	0.1444	257	-0.5006	339	0.0614
206	0.1584	258	-0.3046	340	0.0614
207	0.1604	259	-0.1056	341	0.0604
208	0.1664	260	-0.0596	350	0.0454
210	0.3644	261	-0.0416	351	0.0434
211	0.2434	262	-0.0676	352	0.0454
212	0.0714	263	-0.3116	353	0.0444
213	-0.9626	264	-0.3716	354	0.0444
214	-0.8586	265	-0.3386	355	0.0454
215	-0.7896	266	-0.2696		
216	-0.6006	267	-0.3796		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1042
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 661.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1165.
REYNOLDS NUMBER PER FOOT = 4.0290E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = -0.12
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6555
247	0.6545
347	0.6545
447	0.6555
547	0.6555
647	0.6555
747	0.6545

ORF	CP	ORF	CP	ORF	CP
1	0.1705	52	-0.0955	102	-0.6035
2	-0.0335	53	-0.4025	103	-0.7605
3	-0.0195	54	-0.4125	104	-0.7635
4	0.0165	55	0.3215	105	-0.6235
5	0.0375	56	0.2515	110	-0.0905
6	0.0495	57	0.2105	111	-0.1095
7	0.0575	58	0.1675	112	-0.0705
8	0.0615	59	0.1325	113	-0.0885
9	0.0585	60	0.0905	114	0.0685
10	0.0535	61	0.0305	115	0.0675
11	0.0325	62	-0.0375	116	0.0685
12	0.0085	63	-0.1425	117	0.0675
13	-0.0385	64	-0.6145	118	0.0685
14	-0.2275	65	-0.4575	119	0.0665
15	-0.3455	66	0.3135	120	-0.1135
16	0.1505	67	0.2355	121	0.0645
17	0.1145	68	0.1745	122	0.0645
18	0.1085	69	0.1215	123	0.0665
19	0.0975	70	0.0665	124	-0.0455
20	0.0975	71	0.0095	125	-0.0835
21	0.0935	72	-0.0655	126	-0.0555
22	0.0885	73	-0.2035	127	-0.0675
23	0.0775	74	-0.5235	128	-0.0145
24	0.0615	75	0.2865	129	-0.1705
25	0.0435	76	0.1935	135	-0.0105
26	0.0075	77	0.1195	136	-0.0235
27	-0.0505	78	0.0435	137	-0.0145
28	-0.2265	79	-0.0415	138	0.0785
29	-0.3725	80	-0.1335	139	0.0765
30	0.2425	81	-0.3295	140	0.0805
32	0.1745	82	-0.6145	141	0.1045
33	0.1475	83	0.2255	142	0.0915
34	0.1375	84	0.1375	143	0.1015
35	0.1225	85	0.0305	145	-0.0205
36	0.1075	86	-0.0775	147	0.0875
37	0.0835	87	-0.1835	151	-0.0255
38	0.0555	88	-0.3285	152	-0.1205
39	0.0145	89	-0.6495	153	-0.2115
40	-0.0535	90	0.1195	154	-0.2785
41	-0.2065	91	-0.0795	155	0.1535
42	-0.3905	92	-0.1855	156	0.1675
43	0.3025	93	-0.2655	157	-0.0235
44	0.2435	94	-0.3665	158	0.5075
45	0.2085	95	-0.6465	159	0.2765
46	0.1845	96	-0.9155	160	0.2375
47	0.1575	97	-0.6755	161	0.0995
48	0.1255	98	-0.8615	162	0.2795
49	0.0875	99	-0.7825	163	0.2595
50	0.0475	100	-0.6955	164	0.0775
51	-0.0115	101	-0.6535	165	0.0125

ORF	CP	ORF	CP	ORF	CP
166	0.1975	217	-0.4325	268	-0.4765
167	0.2155	218	-0.2755	269	-0.3245
168	0.1945	219	-0.1295	270	-0.2255
169	0.0445	220	-0.1045	271	-0.5695
170	0.1985	221	-0.2745	272	-0.6035
171	0.0685	222	-0.3065	273	-0.2595
172	-0.1095	223	0.0955	274	-0.1925
173	0.0435	224	0.1215	275	0.2455
174	-0.0905	225	0.2885	276	0.3055
175	-0.2315	226	0.1145	277	0.1985
176	-0.3055	227	-0.8535	278	-0.3965
177	-0.1945	228	-0.8345	279	-0.3085
178	-0.3515	229	-0.8035	280	-0.1795
179	-0.2655	230	-0.7155	281	-0.0275
180	-0.2465	231	-0.4805	282	0.0315
181	0.3535	232	-0.2715	283	0.0495
182	0.4735	233	-0.1065	284	0.0565
183	0.2055	234	-0.0835	285	-0.0135
184	0.4005	235	-0.1815	286	-0.6385
185	0.5855	236	-0.1055	287	-0.5615
186	0.8055	237	0.0775	288	-0.1875
187	0.9925	238	0.1285	289	-0.1685
188	1.1045	239	0.3295	290	-0.2385
189	1.1475	240	0.2035	291	-0.6065
190	0.0495	241	-0.8835	292	-0.2345
191	-0.2045	242	-0.8125	325	0.0725
192	-0.2205	244	-0.5335	326	0.0735
193	-0.2155	245	-0.2825	327	0.0715
194	-0.2205	246	-0.1615	328	0.0735
195	-0.2065	247	-0.0535	329	0.0735
196	-0.2325	248	-0.0285	330	0.0745
197	-0.2255	249	-0.0655	331	0.0735
198	-0.2255	250	0.0755	332	0.0715
199	-0.2345	251	-0.3195	333	0.0735
200	-0.2065	252	-0.2945	334	0.0725
201	-0.2065	253	0.3425	335	0.0755
202	-0.2355	254	0.1845	336	0.0735
203	-0.2195	255	-0.6485	337	0.0715
204	-0.2135	256	-0.6185	338	0.0725
205	0.1315	257	-0.5735	339	0.0715
206	0.1465	258	-0.4355	340	0.0735
207	0.1475	259	-0.1465	341	0.0725
208	0.1725	260	-0.0115	350	0.0665
210	0.4315	261	0.0275	351	0.0655
211	0.2535	262	0.0035	352	0.0665
212	0.0945	263	-0.2805	353	0.0695
213	-1.0725	264	-0.3525	354	0.0695
214	-0.9205	265	-0.3575	355	0.0675
215	-0.8595	266	-0.2835		
216	-0.6835	267	-0.3635		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1043
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 660.
TUNNEL STAGNATION PRESSURE(PSF) = 1969.
TUNNEL STATIC PRESSURE(PSF) = 1165.
REYNOLDS NUMBER PER FOOT = 4.0190E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.20
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6568
247	0.6558
347	0.6558
447	0.6568
547	0.6608
647	0.6598
747	0.6598

ORF	CP	ORF	CP	ORF	CP
1	0.2728	52	-0.0652	102	-0.5892
2	0.0228	53	-0.3842	103	-0.7152
3	0.0238	54	-0.3502	104	-0.7022
4	0.0708	55	0.3718	105	-0.5912
5	0.0918	56	0.3038	110	-0.0922
6	0.1058	57	0.2518	111	-0.1082
7	0.1128	58	0.2088	112	-0.0702
8	0.1158	59	0.1708	113	-0.0912
9	0.1108	60	0.1308	114	0.0788
10	0.1008	61	0.0708	115	0.0758
11	0.0868	62	-0.0042	116	0.0758
12	0.0628	63	-0.1172	117	0.0768
13	0.0128	64	-0.5842	118	0.0778
14	-0.1932	65	-0.3612	119	0.0768
15	-0.3132	66	0.3588	120	-0.1232
16	0.2288	67	0.2848	121	0.0778
17	0.1858	68	0.2238	122	0.0788
18	0.1738	69	0.1648	123	0.0748
19	0.1658	70	0.1058	124	-0.0572
20	0.1578	71	0.0508	125	-0.0922
21	0.1538	72	-0.0362	126	-0.0692
22	0.1478	73	-0.1842	127	-0.0812
23	0.1348	74	-0.3782	128	-0.0962
24	0.1178	75	0.3348	129	-0.1852
25	0.0968	76	0.2448	135	-0.0232
26	0.0608	77	0.1688	136	-0.0302
27	-0.0022	78	0.0898	137	-0.0182
28	-0.1852	79	-0.0012	138	0.0698
29	-0.3392	80	-0.1012	139	0.0718
30	0.3158	81	-0.3062	140	0.0728
32	0.2408	82	-0.4152	141	0.1208
33	0.2168	83	0.2758	142	0.0868
34	0.1958	84	0.1888	143	0.1048
35	0.1768	85	0.0818	145	-0.0362
36	0.1598	86	-0.0302	147	0.0858
37	0.1368	87	-0.1302	151	-0.0032
38	0.1038	88	-0.2922	152	-0.1042
39	0.0598	89	-0.4482	153	-0.1992
40	-0.0112	90	0.1748	154	-0.2822
41	-0.1722	91	-0.0172	155	0.1688
42	-0.3522	92	-0.1312	156	0.2128
43	0.3628	93	-0.2232	157	-0.0042
44	0.3008	94	-0.3302	158	0.5618
45	0.2588	95	-0.4932	159	0.3128
46	0.2328	96	-0.9512	160	0.2748
47	0.2048	97	-0.6482	161	0.1278
48	0.1708	98	-1.2042	162	0.3168
49	0.1348	99	-0.7892	163	0.2878
50	0.0898	100	-0.5462	164	0.0718
51	0.0258	101	-0.6482	165	0.0228

ORF	CP	ORF	CP	ORF	CP
166	0.2228	217	-0.5142	268	-0.4722
167	0.2428	218	-0.3512	269	-0.3182
168	0.2088	219	-0.1652	270	-0.2032
169	0.0508	220	-0.1142	271	-0.5812
170	0.2198	221	-0.2632	272	-0.6182
171	0.0648	222	-0.2632	273	-0.2372
172	-0.1172	223	0.0908	274	-0.1612
173	0.0668	224	0.1168	275	0.2218
174	-0.0642	225	0.2738	276	0.4348
175	-0.2452	226	0.1028	277	0.3138
176	-0.3102	227	-0.8292	278	-0.4692
177	-0.1712	228	-0.8332	279	-0.3172
178	-0.3292	229	-0.7912	280	-0.1502
179	-0.2382	230	-0.7262	281	0.0218
180	-0.2612	231	-0.5412	282	0.0918
181	0.3888	232	-0.3582	283	0.0998
182	0.5188	233	-0.1482	284	0.1148
183	0.1538	234	-0.0902	285	0.0398
184	0.3018	235	-0.1572	286	-0.6332
185	0.4848	236	-0.0762	287	-0.5732
186	0.7818	237	0.1008	288	-0.1602
187	1.0218	238	0.1298	289	-0.1312
188	1.1478	239	0.3238	290	-0.2372
189	1.1788	240	0.1958	291	-0.6532
190	0.0338	241	-0.8612	292	-0.2402
191	-0.2082	242	-0.8172	325	0.0828
192	-0.2122	244	-0.5652	326	0.0848
193	-0.2262	245	-0.3372	327	0.0838
194	-0.2142	246	-0.1832	328	0.0838
195	-0.1912	247	-0.0492	329	0.0818
196	-0.2332	248	-0.0112	330	0.0828
197	-0.2262	249	-0.0422	331	0.0868
198	-0.2052	250	0.0848	332	0.0848
199	-0.2322	251	-0.3292	333	0.0848
200	-0.2022	252	-0.2882	334	0.0838
201	-0.2022	253	0.4178	335	0.0848
202	-0.2362	254	0.2298	336	0.0838
203	-0.2082	255	-0.5982	337	0.0838
204	-0.2002	256	-0.5902	338	0.0838
205	0.0968	257	-0.5692	339	0.0838
206	0.1018	258	-0.4502	340	0.0848
207	0.1038	259	-0.1732	341	0.0838
208	0.1398	260	-0.0272	350	0.0808
210	0.4808	261	0.0538	351	0.0788
211	0.2428	262	0.0538	352	0.0798
212	0.0988	263	-0.2562	353	0.0778
213	-1.1182	264	-0.3292	354	0.0788
214	-1.0042	265	-0.3562	355	0.0818
215	-0.9122	266	-0.2602		
216	-0.7172	267	-0.3372		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1044
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 658.
TUNNEL STAGNATION PRESSURE(PSF) = 1969.
TUNNEL STATIC PRESSURE(PSF) = 1168.
REYNOLDS NUMBER PER FOOT = 4.0140E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = -0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6529
247	0.6519
347	0.6529
447	0.6529
547	0.6589
647	0.6589
747	0.6589

ORF	CP	ORF	CP	ORF	CP
1	0.4039	52	-0.0071	102	-0.6121
2	0.1099	53	-0.3271	103	-0.8081
3	0.1559	54	-0.3031	104	-0.8071
4	0.2059	55	0.4699	105	-0.6311
5	0.2269	56	0.4059	110	-0.1001
6	0.2309	57	0.3549	111	-0.1141
7	0.2309	58	0.3019	112	-0.0871
8	0.2249	59	0.2529	113	-0.1101
9	0.2149	60	0.2019	114	0.0939
10	0.1959	61	0.1409	115	0.0929
11	0.1809	62	0.0599	116	0.0939
12	0.1499	63	-0.0591	117	0.0929
13	0.1029	64	-0.3691	118	0.0929
14	-0.1221	65	-0.3221	119	0.0939
15	-0.2541	66	0.4449	120	-0.1321
16	0.3699	67	0.3789	121	0.0909
17	0.3309	68	0.3139	122	0.0929
18	0.3119	69	0.2529	123	0.0969
19	0.2939	70	0.1909	124	-0.0731
20	0.2779	71	0.1189	125	-0.1191
21	0.2649	72	0.0249	126	-0.0921
22	0.2499	73	-0.1291	127	-0.1031
23	0.2319	74	-0.3521	128	-0.0451
24	0.2069	75	0.4139	129	-0.1851
25	0.1789	76	0.3309	135	-0.0441
26	0.1439	77	0.2499	136	-0.0561
27	0.0719	78	0.1699	137	-0.0451
28	-0.1261	79	0.0779	138	0.0599
29	-0.2761	80	-0.0371	139	0.0609
30	0.4469	81	-0.2501	140	0.0629
32	0.3579	82	-0.3831	141	0.1459
33	0.3319	83	0.3429	142	0.0809
34	0.2999	84	0.2719	143	0.1089
35	0.2729	85	0.1659	145	-0.0581
36	0.2469	86	0.0529	147	0.0799
37	0.2189	87	-0.0681	151	0.0499
38	0.1809	88	-0.2431	152	-0.0861
39	0.1329	89	-0.4261	153	-0.1541
40	0.0519	90	0.2469	154	-0.2881
41	-0.1271	91	0.0529	155	0.1469
42	-0.2901	92	-0.0711	156	0.2429
43	0.4699	93	-0.1721	157	0.0109
44	0.4179	94	-0.3041	158	0.6409
45	0.3679	95	-0.4841	159	0.3289
46	0.3309	96	-1.0641	160	0.2869
47	0.2919	97	-0.6721	161	0.1269
48	0.2519	98	-1.1091	162	0.3859
49	0.2109	99	-0.7811	163	0.3089
50	0.1609	100	-0.6051	164	0.0569
51	0.0919	101	-0.6641	165	0.0049

ORF	CP	ORF	CP	ORF	CP
166	0.2619	217	-0.5351	268	-0.4491
167	0.2389	218	-0.3641	269	-0.3011
168	0.1769	219	-0.1681	270	-0.1771
169	0.0029	220	-0.1011	271	-0.5751
170	0.2569	221	-0.2311	272	-0.6211
171	0.0389	222	-0.1191	273	-0.2121
172	-0.1501	223	0.1359	274	-0.1491
173	0.0829	224	0.1619	275	0.1479
174	-0.0451	225	0.2189	276	0.5859
175	-0.2671	226	0.0659	277	0.4389
176	-0.3371	227	-1.0131	278	-0.4701
177	-0.1401	228	-0.9181	279	-0.2991
178	-0.2991	229	-0.8641	280	-0.1031
179	-0.2151	230	-0.7731	281	0.1469
180	-0.2961	231	-0.5661	282	0.2359
181	0.4659	232	-0.3911	283	0.2319
182	0.6119	233	-0.1661	284	0.2189
183	0.1459	234	-0.0891	285	0.1239
184	0.2749	235	-0.1231	286	-0.6491
185	0.4179	236	-0.0231	287	-0.5591
186	0.7199	237	0.1189	288	-0.1381
187	0.9639	238	0.1419	289	-0.1351
188	1.1049	239	0.2769	290	-0.2211
189	1.1389	240	0.1569	291	-0.6011
190	0.0349	241	-0.7791	292	-0.2761
191	-0.2261	242	-0.7591	325	0.0899
192	-0.2211	244	-0.5881	326	0.0889
193	-0.2271	245	-0.3811	327	0.0899
194	-0.2221	246	-0.2261	328	0.0889
195	-0.2101	247	-0.0471	329	0.0879
196	-0.2511	248	0.0139	330	0.0909
197	-0.2471	249	0.0099	331	0.0899
198	-0.2251	250	0.0999	332	0.0899
199	-0.2351	251	-0.3321	333	0.0899
200	-0.2091	252	-0.3231	334	0.0889
201	-0.2281	253	0.5189	335	0.0909
202	-0.2441	254	0.2709	336	0.0899
203	-0.2311	255	-0.5131	337	0.0909
204	-0.2161	256	-0.5101	338	0.0889
205	0.0189	257	-0.4911	339	0.0899
206	-0.0191	258	-0.3861	340	0.0879
207	0.0179	259	-0.1261	341	0.0879
208	0.0539	260	-0.0001	350	0.0949
210	0.4909	261	0.1069	351	0.0939
211	0.1349	262	0.1229	352	0.0949
212	0.0339	263	-0.1951	353	0.0969
213	-1.2011	264	-0.2951	354	0.0939
214	-1.1511	265	-0.3881	355	0.0949
215	-1.0461	266	-0.2321		
216	-0.7831	267	-0.2831		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1045
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.906
TUNNEL DYNAMIC PRESSURE(PSF) = 665.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1158.
REYNOLDS NUMBER PER FOOT = 4.0300E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.6606
247	0.6586
347	0.6596
447	0.6596
547	0.6766
647	0.6756
747	0.6756

ORF	CP	ORF	CP	ORF	CP
1	0.4816	52	0.0386	102	-0.6634
2	0.1436	53	-0.2694	103	-0.8664
3	0.2086	54	-0.2594	104	-0.8354
4	0.2866	55	0.5196	105	-0.6684
5	0.3006	56	0.4596	110	-0.0914
6	0.2966	57	0.4076	111	-0.1024
7	0.2916	58	0.3546	112	-0.0864
8	0.2816	59	0.3046	113	-0.1084
9	0.2676	60	0.2516	114	0.1156
10	0.2526	61	0.1886	115	0.1156
11	0.2326	62	0.1086	116	0.1136
12	0.2006	63	-0.0134	117	0.1136
13	0.1486	64	-0.3054	118	0.1146
14	-0.0754	65	-0.2834	119	0.1156
15	-0.2014	66	0.4916	120	-0.1194
16	0.4516	67	0.4256	121	0.1146
17	0.4116	68	0.3656	122	0.1146
18	0.3936	69	0.3066	123	0.1166
19	0.3746	70	0.2376	124	-0.0774
20	0.3476	71	0.1676	125	-0.1094
21	0.3346	72	0.0736	126	-0.0764
22	0.3146	73	-0.0794	127	-0.0874
23	0.2886	74	-0.3134	128	-0.0294
24	0.2606	75	0.4536	129	-0.1744
25	0.2326	76	0.3786	135	-0.0364
26	0.1896	77	0.2996	136	-0.0754
27	0.1176	78	0.2216	137	-0.0304
28	-0.0824	79	0.1266	138	0.0756
29	-0.2264	80	0.0086	139	0.0446
30	0.5156	81	-0.2004	140	0.0706
32	0.4246	82	-0.3454	141	0.1976
33	0.3926	83	0.3776	142	0.1326
34	0.3596	84	0.3096	143	0.1646
35	0.3296	85	0.2046	145	-0.0814
36	0.3056	86	0.0946	147	0.1276
37	0.2766	87	-0.0274	151	0.0886
38	0.2346	88	-0.2034	152	-0.0744
39	0.1826	89	-0.3994	153	-0.1234
40	0.1006	90	0.2846	154	-0.2734
41	-0.0794	91	0.0926	155	0.1206
42	-0.2414	92	-0.0394	156	0.2696
43	0.5266	93	-0.1454	157	0.0316
44	0.4686	94	-0.2814	158	0.6516
45	0.4216	95	-0.4774	159	0.3396
46	0.3826	96	-1.0694	160	0.2916
47	0.3466	97	-0.7384	161	0.1336
48	0.3036	98	-1.0594	162	0.4356
49	0.2606	99	-0.7284	163	0.3176
50	0.2086	100	-0.6604	164	0.0406
51	0.1386	101	-0.7014	165	0.0066

ORF	CP	ORF	CP	ORF	CP
166	0.2986	217	-0.5804	268	-0.4454
167	0.2296	218	-0.3474	269	-0.3474
168	0.1556	219	-0.1344	270	-0.1744
169	-0.0174	220	-0.0554	271	-0.6114
170	0.2836	221	-0.2024	272	-0.6394
171	0.0446	222	-0.0744	273	-0.2114
172	-0.1434	223	0.1816	274	-0.1624
173	0.1026	224	0.2076	275	0.0746
174	-0.0304	225	0.2016	276	0.7676
175	-0.2624	226	0.0426	277	0.5366
176	-0.3294	227	-0.9984	278	-0.4884
177	-0.1314	228	-0.9264	279	-0.4034
178	-0.2724	229	-0.8624	280	-0.1944
179	-0.2154	230	-0.7524	281	0.2326
180	-0.2774	231	-0.5534	282	0.3356
181	0.5246	232	-0.3774	283	0.3136
182	0.6656	233	-0.1514	284	0.2906
183	0.1686	234	-0.0634	285	0.1846
184	0.2916	235	-0.0874	286	-0.6844
185	0.4536	236	0.0016	287	-0.6424
186	0.7336	237	0.1486	288	-0.1554
187	0.9426	238	0.1696	289	-0.1344
188	1.0536	239	0.2236	290	-0.2244
189	1.0986	240	0.1236	291	-0.5934
190	0.0206	241	-0.7274	292	-0.3794
191	-0.2134	242	-0.7114	325	0.1026
192	-0.2054	244	-0.5514	326	0.1026
193	-0.2214	245	-0.3444	327	0.1036
194	-0.2164	246	-0.1884	328	0.1036
195	-0.2084	247	-0.0084	329	0.1026
196	-0.2284	248	0.0516	330	0.1016
197	-0.2154	249	0.0436	331	0.1026
198	-0.2184	250	0.1226	332	0.1036
199	-0.2264	251	-0.3164	333	0.1046
200	-0.2124	252	-0.3284	334	0.1036
201	-0.2074	253	0.5096	335	0.1026
202	-0.2234	254	0.2776	336	0.1016
203	-0.2084	255	-0.5004	337	0.1016
204	-0.2024	256	-0.4634	338	0.1016
205	-0.0194	257	-0.4224	339	0.1026
206	-0.0454	258	-0.2444	340	0.1036
207	-0.0084	259	0.0016	341	0.1026
208	0.0146	260	0.0796	350	0.1146
210	0.5066	261	0.1306	351	0.1166
211	0.0346	262	0.1496	352	0.1156
212	-0.0284	263	-0.1704	353	0.1136
213	-1.1874	264	-0.2894	354	0.1156
214	-1.1434	265	-0.4474	355	0.1146
215	-1.0394	266	-0.2474		
216	-0.7864	267	-0.2364		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1046
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 46.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 658.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 1170.
REYNOLDS NUMBER PER FOOT = 4.0180E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.23
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.6489
247	0.6479
347	0.6499
447	0.6499
547	0.6499
647	0.6499
747	0.6499

ORF	CP	ORF	CP	ORF	CP
1	0.0209	52	-0.2101	102	-0.5631
2	-0.3691	53	-0.4881	103	-0.6961
3	-0.4101	54	-0.5831	104	-0.6991
4	-0.2881	55	0.0499	105	-0.5541
5	-0.1801	56	0.0209	110	-0.0741
6	-0.1111	57	0.0059	111	-0.1021
7	-0.0741	58	-0.0171	112	-0.0581
8	-0.0621	59	-0.0401	113	-0.0881
9	-0.0571	60	-0.0731	114	0.0409
10	-0.0651	61	-0.1111	115	0.0399
11	-0.0751	62	-0.1601	116	0.0399
12	-0.0991	63	-0.2451	117	0.0409
13	-0.1371	64	-0.6901	118	0.0389
14	-0.3141	65	-0.6621	119	0.0389
15	-0.4321	66	0.0419	120	-0.0821
16	-0.1831	67	0.0109	121	0.0389
17	-0.1841	68	-0.0161	122	0.0389
18	-0.1411	69	-0.0471	123	0.0409
19	-0.1011	70	-0.0851	124	-0.0211
20	-0.0691	71	-0.1291	125	-0.0431
21	-0.0481	72	-0.1831	126	-0.0121
22	-0.0471	73	-0.2901	127	-0.0291
23	-0.0491	74	-0.6931	128	-0.0211
24	-0.0601	75	0.0229	129	-0.1221
25	-0.0741	76	-0.0211	135	0.0009
26	-0.1021	77	-0.0651	136	-0.0051
27	-0.1621	78	-0.1091	137	-0.0011
28	-0.3301	79	-0.1581	138	0.0889
29	-0.4601	80	-0.2231	139	0.0889
30	-0.0601	81	-0.3781	140	0.0869
32	-0.0411	82	-0.7091	141	0.0989
33	-0.0361	83	0.0049	142	0.0999
34	-0.0361	84	-0.0591	143	0.1029
35	-0.0351	85	-0.1211	145	-0.0061
36	-0.0431	86	-0.1711	147	0.1029
37	-0.0571	87	-0.2281	151	-0.0801
38	-0.0791	88	-0.3381	152	-0.1901
39	-0.1101	89	-0.7181	153	-0.2511
40	-0.1731	90	-0.1021	154	-0.2761
41	-0.3171	91	-0.1441	155	0.0779
42	-0.4891	92	-0.1851	156	0.0909
43	0.0219	93	-0.2361	157	-0.0771
44	0.0059	94	-0.3211	158	0.3339
45	-0.0071	95	-0.7151	159	0.2289
46	-0.0121	96	-0.4041	160	0.1589
47	-0.0251	97	-0.6751	161	0.0319
48	-0.0441	98	-0.0211	162	0.2759
49	-0.0631	99	-0.0771	163	0.2419
50	-0.0931	100	-0.3591	164	0.0879
51	-0.1371	101	-0.6171	165	-0.0231

ORF	CP	ORF	CP	ORF	CP
166	0.3009	217	-0.1631	268	-0.4731
167	0.2199	218	-0.0831	269	-0.2811
168	0.1769	219	-0.0621	270	-0.1971
169	0.0509	220	-0.0891	271	-0.5741
170	0.0529	221	-0.2771	272	-0.5971
171	0.1049	222	-0.3331	273	-0.2151
172	-0.0931	223	-0.0131	274	-0.1621
173	-0.0611	224	0.0979	275	0.3249
174	-0.1641	225	0.2289	276	0.2779
175	-0.2711	226	0.0559	277	0.1059
176	-0.2901	227	-0.6351	278	-0.7291
177	-0.2371	228	-0.6211	279	-0.7031
178	-0.4141	229	-0.5811	280	-0.6341
179	-0.3991	230	-0.4461	281	-0.4911
180	-0.2301	231	-0.1701	282	-0.2171
181	0.3069	232	-0.0871	283	-0.0891
182	0.4069	233	-0.0711	284	-0.0501
183	0.4149	234	-0.0811	285	-0.1121
184	0.6219	235	-0.2111	286	-0.5941
185	0.6959	236	-0.1781	287	-0.5521
186	0.7539	237	0.0459	288	-0.1611
187	0.8299	238	0.0009	289	-0.1611
188	0.8649	239	0.1989	290	-0.2351
189	0.9039	240	0.0719	291	-0.5961
190	0.2059	241	-0.5721	292	-0.1131
191	-0.2231	242	-0.5641	325	0.0439
192	-0.2171	244	-0.3281	326	0.0449
193	-0.2181	245	-0.1451	327	0.0439
194	-0.2231	246	-0.1041	328	0.0459
195	-0.2151	247	-0.0821	329	0.0439
196	-0.2321	248	-0.0841	330	0.0439
197	-0.2191	249	-0.1371	331	0.0449
198	-0.2191	250	0.0449	332	0.0449
199	-0.2291	251	-0.3071	333	0.0459
200	-0.2241	252	-0.2601	334	0.0439
201	-0.2141	253	0.2079	335	0.0449
202	-0.2181	254	0.0579	336	0.0439
203	-0.2161	255	-0.6271	337	0.0429
204	-0.2211	256	-0.6341	338	0.0449
205	0.2029	257	-0.6011	339	0.0449
206	0.2319	258	-0.4871	340	0.0459
207	0.2309	259	-0.2171	341	0.0439
208	0.2219	260	-0.0881	350	0.0409
210	0.2979	261	-0.0671	351	0.0389
211	0.2689	262	-0.0791	352	0.0399
212	0.1069	263	-0.3311	353	0.0369
213	-0.7751	264	-0.3641	354	0.0379
214	-0.6651	265	-0.2921	355	0.0379
215	-0.5971	266	-0.2441		
216	-0.4061	267	-0.4011		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1047
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 602.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1353.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.04
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.4075
247	0.4065
347	0.4065
447	0.4065
547	0.4065
647	0.4065
747	0.4065

ORF	CP	ORF	CP	ORF	CP
1	-1.1975	52	-0.7465	102	-0.5975
2	-1.4275	53	-0.7125	103	-0.8355
3	-1.3765	54	-0.6715	104	-0.8025
4	-1.3395	55	-0.8985	105	-0.6045
5	-1.1395	56	-0.9465	110	-0.1525
6	-0.6975	57	-0.9255	111	-0.1915
7	-0.4785	58	-0.9005	112	-0.1315
8	-0.4195	59	-0.8845	113	-0.1685
9	-0.3725	60	-0.8575	114	0.0685
10	-0.3555	61	-0.8325	115	0.0685
11	-0.3565	62	-0.8065	116	0.0675
12	-0.3645	63	-0.7745	117	0.0685
13	-0.3965	64	-0.7295	118	0.0685
14	-0.5295	65	-0.7245	119	0.0715
15	-0.5895	66	-0.7575	120	-0.0505
16	-1.6015	67	-0.7605	121	0.0705
17	-1.7495	68	-0.7485	122	0.0725
18	-1.7975	69	-0.7395	123	0.0685
19	-1.5185	70	-0.7415	124	-0.1015
20	-1.2215	71	-0.7425	125	-0.1235
21	-0.9795	72	-0.7245	126	-0.1025
22	-0.4825	73	-0.7095	127	-0.1135
23	-0.2975	74	-0.6895	128	-0.0785
24	-0.3085	75	-0.6805	129	-0.1575
25	-0.3355	76	-0.6955	135	-0.0705
26	-0.3685	77	-0.6845	136	-0.1155
27	-0.4135	78	-0.6805	137	-0.0805
28	-0.5595	79	-0.6595	138	0.0445
29	-0.6005	80	-0.6485	139	0.0395
30	-1.7875	81	-0.6285	140	0.0415
32	-1.5315	82	-0.6205	141	0.0955
33	-1.4795	83	-0.5695	142	0.0725
34	-1.3205	84	-0.6505	143	0.0895
35	-1.0525	85	-0.6385	145	-0.1175
36	-0.7925	86	-0.6315	147	0.0645
37	-0.6105	87	-0.6145	151	-0.1015
38	-0.5005	88	-0.6045	152	-0.1545
39	-0.4255	89	-0.6055	153	-0.1885
40	-0.4385	90	-0.6175	154	-0.2455
41	-0.5305	91	-0.6085	155	-0.0835
42	-0.5605	92	-0.6095	156	-0.1355
43	-1.3875	93	-0.5975	157	-0.2065
44	-1.3175	94	-0.5955	158	0.0425
45	-1.2385	95	-0.6065	159	-0.0805
46	-1.1445	96	0.2345	160	-0.1405
47	-1.0175	97	-0.5065	161	-0.1975
48	-0.9565	98	0.3405	162	0.1365
49	-0.9025	99	0.2205	163	0.0245
50	-0.8525	100	-0.3415	164	0.0315
51	-0.8085	101	-0.6595	165	-0.1345

ORF	CP	ORF	CP	ORF	CP
166	0.2285	217	-0.1955	268	-0.5025
167	0.0645	218	-0.1645	269	-0.2535
168	0.0315	219	-0.1545	270	-0.1955
169	-0.0615	220	-0.1635	271	-0.6315
170	0.0965	221	-0.3815	272	-0.5235
171	-0.0805	222	-0.3105	273	-0.1795
172	-0.1945	223	-0.0395	274	-0.1725
173	-0.1305	224	0.0995	275	0.0615
174	-0.1905	225	-0.0335	276	-0.4625
175	-0.2935	226	-0.2025	277	-0.4975
176	-0.2875	227	-0.6595	278	-1.8095
177	-0.2215	228	-0.6455	279	-1.7285
178	-0.2295	229	-0.6245	280	-1.5995
179	-0.1795	230	-0.4965	281	-1.4605
180	-0.2495	231	-0.2945	282	-1.0665
181	-0.0995	232	-0.2235	283	-0.6815
182	-0.0085	233	-0.1955	284	-0.3805
183	0.1435	234	-0.1965	285	-0.3625
184	0.2615	235	-0.2555	286	-0.6495
185	0.3035	236	-0.1975	287	-0.5085
186	0.3055	237	-0.0425	288	-0.1605
187	0.3205	238	-0.0745	289	-0.1735
188	0.3475	239	-0.0845	290	-0.2295
189	0.3665	240	-0.1865	291	-0.9655
190	0.4405	241	-1.1575	292	0.0435
191	-0.2405	242	-1.0415	325	0.0745
192	-0.2385	244	-0.6715	326	0.0695
193	-0.2325	245	-0.4345	327	0.0715
194	-0.2345	246	-0.3235	328	0.0725
195	-0.2505	247	-0.2455	329	0.0715
196	-0.2485	248	-0.2145	330	0.0715
197	-0.2465	249	-0.2065	331	0.0715
198	-0.2365	250	0.0755	332	0.0735
199	-0.2385	251	-0.3085	333	0.0735
200	-0.2585	252	-0.2845	334	0.0725
201	-0.2515	253	-0.0495	335	0.0725
202	-0.2495	254	-0.2065	336	0.0735
203	-0.2485	255	-1.8105	337	0.0735
204	-0.2555	256	-1.6895	338	0.0695
205	-0.1135	257	-1.5705	339	0.0725
206	0.1245	258	-1.2845	340	0.0725
207	-0.0685	259	-0.9045	341	0.0715
208	-0.0485	260	-0.6105	350	0.0705
210	0.0205	261	-0.3905	351	0.0675
211	-0.0015	262	-0.3365	352	0.0675
212	-0.1255	263	-0.5145	353	0.0705
213	-0.8075	264	-0.4365	354	0.0685
214	-0.6235	265	-0.2985	355	0.0685
215	-0.5165	266	-0.2485		
216	-0.3285	267	-0.5735		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1048
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 604.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1349.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -12.07
FIN ANGLE(DEG) = -0.12
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.4086
247	0.4076
347	0.4086
447	0.4086
547	0.4206
647	0.4206
747	0.4206

ORF	CP	ORF	CP	ORF	CP
1	-1.0514	52	-0.5914	102	-0.5334
2	-1.4054	53	-0.5764	103	-0.7864
3	-1.3104	54	-0.5004	104	-0.7764
4	-1.2484	55	-0.9524	105	-0.5414
5	-0.9824	56	-0.9664	110	-0.1274
6	-0.5484	57	-0.9524	111	-0.1614
7	-0.3924	58	-0.9424	112	-0.1004
8	-0.3364	59	-0.9854	113	-0.1354
9	-0.3124	60	-0.9514	114	0.0866
10	-0.2934	61	-0.9014	115	0.0896
11	-0.2894	62	-0.8364	116	0.0896
12	-0.2954	63	-0.7484	117	0.0856
13	-0.3334	64	-0.6804	118	0.0856
14	-0.4944	65	-0.6644	119	0.0896
15	-0.5374	66	-0.8314	120	-0.0324
16	-1.4824	67	-0.8194	121	0.0846
17	-1.5844	68	-0.7994	122	0.0876
18	-1.5444	69	-0.7774	123	0.0846
19	-1.2934	70	-0.7524	124	-0.0614
20	-1.0494	71	-0.7484	125	-0.0824
21	-0.7664	72	-0.7194	126	-0.0624
22	-0.3514	73	-0.6794	127	-0.0734
23	-0.2024	74	-0.6314	128	-0.0474
24	-0.1984	75	-0.7104	129	-0.1184
25	-0.2314	76	-0.6994	135	-0.0354
26	-0.2754	77	-0.6744	136	-0.0774
27	-0.3494	78	-0.6564	137	-0.0474
28	-0.5244	79	-0.6444	138	0.0746
29	-0.5714	80	-0.6154	139	0.0666
30	-1.7654	81	-0.5874	140	0.0686
32	-1.4544	82	-0.5704	141	0.1086
33	-1.2284	83	-0.5754	142	0.0826
34	-0.9764	84	-0.6494	143	0.1046
35	-0.7394	85	-0.6364	145	-0.0834
36	-0.5004	86	-0.6124	147	0.0796
37	-0.3094	87	-0.5804	151	-0.0794
38	-0.2524	88	-0.5654	152	-0.1374
39	-0.3024	89	-0.5494	153	-0.1674
40	-0.3704	90	-0.6024	154	-0.2224
41	-0.5084	91	-0.5834	155	-0.0354
42	-0.5104	92	-0.5704	156	-0.1084
43	-1.3394	93	-0.5564	157	-0.1774
44	-1.3164	94	-0.5424	158	0.0776
45	-1.3164	95	-0.5344	159	-0.0344
46	-1.3834	96	0.1636	160	-0.1034
47	-1.4284	97	-0.5404	161	-0.1624
48	-1.1164	98	0.3036	162	0.2026
49	-0.8174	99	0.1886	163	0.0816
50	-0.7054	100	-0.3294	164	0.0626
51	-0.6484	101	-0.5934	165	-0.1074

ORF	CP	ORF	CP	ORF	CP
166	0.3686	217	-0.1504	268	-0.4454
167	0.1786	218	-0.1204	269	-0.2094
168	0.1466	219	-0.1034	270	-0.1704
169	0.0286	220	-0.1204	271	-0.5544
170	0.2096	221	-0.3444	272	-0.4874
171	-0.0264	222	-0.2944	273	-0.1484
172	-0.1654	223	0.0106	274	-0.1324
173	-0.1134	224	0.1706	275	0.1156
174	-0.1874	225	0.0416	276	-0.3354
175	-0.2804	226	-0.1394	277	-0.4114
176	-0.2824	227	-0.6804	278	-1.7834
177	-0.2074	228	-0.6444	279	-1.6714
178	-0.1924	229	-0.6154	280	-1.5034
179	-0.1564	230	-0.4744	281	-1.2944
180	-0.2374	231	-0.2684	282	-0.9024
181	-0.0744	232	-0.2004	283	-0.5374
182	0.0216	233	-0.1684	284	-0.2984
183	0.1976	234	-0.1644	285	-0.2984
184	0.3326	235	-0.2334	286	-0.5724
185	0.4006	236	-0.1564	287	-0.4764
186	0.3936	237	0.0196	288	-0.1194
187	0.3786	238	-0.0324	289	-0.1344
188	0.4236	239	-0.0384	290	-0.1994
189	0.4346	240	-0.1524	291	-0.9114
190	0.4286	241	-0.9984	292	0.0506
191	-0.2284	242	-0.8954	325	0.0796
192	-0.2264	244	-0.5394	326	0.0796
193	-0.2234	245	-0.3494	327	0.0816
194	-0.2254	246	-0.2714	328	0.0816
195	-0.2394	247	-0.2114	329	0.0786
196	-0.2354	248	-0.1734	330	0.0786
197	-0.2214	249	-0.1684	331	0.0796
198	-0.2254	250	0.0906	332	0.0816
199	-0.2344	251	-0.2774	333	0.0826
200	-0.2384	252	-0.2574	334	0.0816
201	-0.2394	253	-0.0164	335	0.0786
202	-0.2354	254	-0.1744	336	0.0786
203	-0.2324	255	-1.7524	337	0.0806
204	-0.2364	256	-1.5924	338	0.0796
205	-0.0134	257	-1.4544	339	0.0816
206	0.1756	258	-1.0954	340	0.0816
207	0.0296	259	-0.7574	341	0.0786
208	0.0366	260	-0.5164	350	0.0876
210	0.0606	261	-0.3234	351	0.0866
211	0.0646	262	-0.2734	352	0.0866
212	-0.0684	263	-0.4504	353	0.0866
213	-0.7354	264	-0.3744	354	0.0836
214	-0.5494	265	-0.2474	355	0.0846
215	-0.4274	266	-0.2064		
216	-0.2584	267	-0.5024		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1049
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.795
TUNNEL DYNAMIC PRESSURE(PSF) = 600.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1356.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = -0.17
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.4030
247	0.4020
347	0.4030
447	0.4030
547	0.4020
647	0.4020
747	0.4020

ORF	CP	ORF	CP	ORF	CP
1	-0.7420	52	-0.3480	102	-0.5030
2	-1.0990	53	-0.6020	103	-0.7140
3	-0.9530	54	-0.4950	104	-0.6630
4	-0.6660	55	-1.0010	105	-0.5130
5	-0.4910	56	-1.0420	110	-0.1110
6	-0.3990	57	-1.0720	111	-0.1480
7	-0.3440	58	-1.0550	112	-0.0920
8	-0.3180	59	-1.0080	113	-0.1220
9	-0.2910	60	-0.8720	114	0.0660
10	-0.2780	61	-0.6630	115	0.0640
11	-0.2770	62	-0.4100	116	0.0640
12	-0.2840	63	-0.3390	117	0.0640
13	-0.3140	64	-0.4680	118	0.0650
14	-0.4610	65	-0.4720	119	0.0640
15	-0.4990	66	-0.9120	120	-0.0660
16	-1.1380	67	-0.9450	121	0.0660
17	-1.0190	68	-0.9640	122	0.0660
18	-0.8790	69	-0.9630	123	0.0650
19	-0.7440	70	-0.9300	124	-0.0490
20	-0.5920	71	-0.8960	125	-0.0720
21	-0.4240	72	-0.8380	126	-0.0450
22	-0.3140	73	-0.7520	127	-0.0550
23	-0.2660	74	-0.6340	128	-0.0300
24	-0.2500	75	-0.8610	129	-0.1190
25	-0.2530	76	-0.8630	135	-0.0270
26	-0.2750	77	-0.8600	136	-0.0480
27	-0.3240	78	-0.8270	137	-0.0310
28	-0.4750	79	-0.7880	138	0.0690
29	-0.5220	80	-0.7320	139	0.0610
30	-1.3320	81	-0.6470	140	0.0650
32	-0.8630	82	-0.5550	141	0.0930
33	-0.4800	83	-0.6710	142	0.0820
34	-0.3880	84	-0.7330	143	0.0910
35	-0.3510	85	-0.6840	145	-0.0570
36	-0.3240	86	-0.6500	147	0.0820
37	-0.3080	87	-0.5920	151	-0.0390
38	-0.3080	88	-0.5410	152	-0.1220
39	-0.3210	89	-0.4920	153	-0.1670
40	-0.3700	90	-0.5700	154	-0.2110
41	-0.4980	91	-0.5420	155	0.0120
42	-0.5190	92	-0.5120	156	-0.0560
43	-1.1220	93	-0.4840	157	-0.1460
44	-1.2200	94	-0.4610	158	0.0620
45	-1.3100	95	-0.4320	159	0.0070
46	-1.1720	96	0.0310	160	-0.0430
47	-0.5600	97	-0.6260	161	-0.1170
48	-0.2550	98	0.2060	162	0.1750
49	-0.2050	99	0.1250	163	0.0890
50	-0.2210	100	-0.3920	164	0.0630
51	-0.2730	101	-0.5760	165	-0.0930

ORF	CP	ORF	CP	ORF	CP
166	0.2960	217	-0.1130	270	-0.1640
167	0.1790	218	-0.0960	271	-0.5360
168	0.1550	219	-0.0940	272	-0.4750
169	0.0280	220	-0.1190	273	-0.1480
170	0.2110	221	-0.3020	274	-0.1340
171	0.0600	222	-0.2860	275	0.1410
172	-0.1070	224	0.1260	276	-0.1030
173	-0.0660	225	0.0880	277	-0.2610
174	-0.1440	226	-0.0690	278	-1.4030
175	-0.2760	227	-0.7440	279	-1.3040
176	-0.2790	228	-0.6970	280	-1.1420
177	-0.1910	229	-0.6250	281	-0.8770
178	-0.1860	230	-0.4080	282	-0.5530
179	-0.1130	231	-0.2040	283	-0.4100
180	-0.2230	232	-0.1580	284	-0.2880
181	0.0150	233	-0.1500	285	-0.2920
182	0.1160	234	-0.1510	286	-0.5530
183	0.2170	235	-0.2310	287	-0.4580
184	0.4020	236	-0.1490	288	-0.1160
185	0.4820	237	0.0280	289	-0.1410
186	0.5930	239	0.0570	290	-0.2060
187	0.7250	240	-0.0810	291	-0.8550
188	0.8360	241	-0.8650	292	-0.0200
189	0.8970	242	-0.8050	325	0.0670
190	0.3740	244	-0.5290	326	0.0650
191	-0.2260	245	-0.3410	327	0.0680
192	-0.2180	246	-0.2650	328	0.0700
193	-0.2240	247	-0.2160	329	0.0680
194	-0.2180	248	-0.1830	330	0.0670
195	-0.2270	249	-0.1800	331	0.0660
196	-0.2320	250	0.0700	332	0.0700
197	-0.2180	251	-0.2560	333	0.0700
198	-0.2210	252	-0.2380	334	0.0690
199	-0.2180	253	0.0180	335	0.0680
200	-0.2330	254	-0.1450	336	0.0690
201	-0.2320	255	-1.2510	337	0.0670
202	-0.2250	256	-1.1690	338	0.0650
203	-0.2270	257	-1.0720	339	0.0690
204	-0.2290	258	-0.8090	340	0.0700
205	0.1070	259	-0.4940	341	0.0680
206	0.2000	260	-0.3790	350	0.0670
207	0.1450	261	-0.2850	351	0.0640
208	0.1470	262	-0.2490	352	0.0650
210	0.0870	263	-0.4030	353	0.0660
211	0.0820	264	-0.3400	354	0.0670
212	-0.0330	265	-0.2390	355	0.0670
213	-0.5850	266	-0.2060		
214	-0.3790	267	-0.4740		
215	-0.3000	268	-0.4220		
216	-0.1630	269	-0.2100		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1050
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.795
TUNNEL DYNAMIC PRESSURE(PSF) = 600.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1356.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.12
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3990
247	0.3980
347	0.3990
447	0.4000
547	0.3980
647	0.3970
747	0.3970

ORF	CP	ORF	CP	ORF	CP
1	-0.4670	52	-0.3490	102	-0.5000
2	-0.7340	53	-0.6670	103	-0.6680
3	-0.6920	54	-0.5270	104	-0.6340
4	-0.5360	55	-0.8330	105	-0.5070
5	-0.4250	56	-0.8580	110	-0.1120
6	-0.3570	57	-0.8220	111	-0.1460
7	-0.3080	58	-0.7430	112	-0.0910
8	-0.2730	59	-0.6050	113	-0.1200
9	-0.2530	60	-0.4180	114	0.0530
10	-0.2470	61	-0.2890	115	0.0510
11	-0.2510	62	-0.2810	116	0.0520
12	-0.2640	63	-0.3530	117	0.0520
13	-0.2950	64	-0.7170	118	0.0510
14	-0.4340	65	-0.5240	119	0.0520
15	-0.4880	66	-0.7760	120	-0.0830
16	-0.8680	67	-0.7960	121	0.0530
17	-0.6820	68	-0.7850	122	0.0530
18	-0.5320	69	-0.7400	123	0.0520
19	-0.4360	70	-0.6740	124	-0.0430
20	-0.3650	71	-0.5910	125	-0.0660
21	-0.3040	72	-0.5380	126	-0.0410
22	-0.2680	73	-0.5330	127	-0.0530
23	-0.2550	74	-0.5530	128	-0.0270
24	-0.2530	75	-0.7750	129	-0.1200
25	-0.2550	76	-0.7800	135	-0.0210
26	-0.2710	77	-0.7870	136	-0.0400
27	-0.3240	78	-0.7620	137	-0.0300
28	-0.4670	79	-0.7030	138	0.0670
29	-0.5200	80	-0.6170	139	0.0640
30	-1.1180	81	-0.5580	140	0.0630
32	-0.3690	82	-0.5120	141	0.0840
33	-0.2600	83	-0.6640	142	0.0760
34	-0.2570	84	-0.7560	143	0.0880
35	-0.2530	85	-0.7390	145	-0.0440
36	-0.2580	86	-0.7080	147	0.0790
37	-0.2570	87	-0.6620	151	-0.0380
38	-0.2670	88	-0.5920	152	-0.1380
39	-0.2940	89	-0.4950	153	-0.1720
40	-0.3510	90	-0.6250	154	-0.2090
41	-0.4910	91	-0.5850	155	0.0500
42	-0.5440	92	-0.5630	156	-0.0180
43	-0.9920	93	-0.5300	157	-0.1190
44	-0.9950	94	-0.4970	158	0.0920
45	-0.8660	95	-0.4340	159	0.0430
46	-0.4650	96	-0.0280	160	-0.0100
47	-0.1930	97	-0.6420	161	-0.0900
48	-0.1640	98	0.1450	162	0.1520
49	-0.1890	99	0.0690	163	0.0870
50	-0.2230	100	-0.4090	164	0.0620
51	-0.2760	101	-0.5620	165	-0.0880

ORF	CP	ORF	CP	ORF	CP
166	0.2440	217	-0.1100	268	-0.4180
167	0.1260	218	-0.0930	269	-0.2190
168	0.1060	219	-0.0980	270	-0.1720
169	-0.0060	220	-0.1300	271	-0.5390
170	0.1510	221	-0.2800	272	-0.4620
171	0.0240	222	-0.2810	273	-0.1540
172	-0.1130	223	0.0150	274	-0.1470
173	-0.0550	224	0.0930	275	0.2000
174	-0.1300	225	0.0830	276	0.0310
175	-0.2390	226	-0.0600	277	-0.1530
176	-0.2530	227	-0.7000	278	-1.1310
177	-0.2010	228	-0.6340	279	-1.0690
178	-0.2430	229	-0.5370	280	-0.9610
179	-0.1380	230	-0.3180	281	-0.7450
180	-0.2150	231	-0.1710	282	-0.4630
181	0.0970	232	-0.1380	283	-0.3450
182	0.1950	233	-0.1300	284	-0.2620
183	0.1950	234	-0.1390	285	-0.2750
184	0.3620	235	-0.2180	286	-0.5460
185	0.4220	236	-0.1480	287	-0.4610
186	0.4830	237	0.0140	288	-0.1380
187	0.5980	238	0.0150	289	-0.1510
188	0.7330	239	0.1320	290	-0.2100
189	0.8170	240	-0.0040	291	-0.8230
190	0.3320	241	-0.8890	292	-0.0530
191	-0.2170	242	-0.8400	325	0.0570
192	-0.2100	244	-0.5530	326	0.0560
193	-0.2080	245	-0.3180	327	0.0560
194	-0.2120	246	-0.2320	328	0.0550
195	-0.2200	247	-0.1840	329	0.0590
196	-0.2260	248	-0.1600	330	0.0580
197	-0.2180	249	-0.1570	331	0.0570
198	-0.2150	250	0.0590	332	0.0550
199	-0.2180	251	-0.2770	333	0.0550
200	-0.2170	252	-0.2470	334	0.0600
201	-0.2200	253	0.0680	335	0.0580
202	-0.2210	254	-0.1160	336	0.0580
203	-0.2230	255	-1.0260	337	0.0580
204	-0.2190	256	-0.9800	338	0.0570
205	0.1490	257	-0.9270	339	0.0550
206	0.2210	258	-0.7170	340	0.0560
207	0.1800	259	-0.4260	341	0.0600
208	0.1850	260	-0.3140	350	0.0530
210	0.1010	261	-0.2400	351	0.0540
211	0.0810	262	-0.2270	352	0.0530
212	-0.0260	263	-0.3870	353	0.0530
213	-0.5490	264	-0.3390	354	0.0530
214	-0.3690	265	-0.2440	355	0.0520
215	-0.2940	266	-0.2130		
216	-0.1570	267	-0.4580		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1051
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 603.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1352.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.4049
247	0.4039
347	0.4039
447	0.4049
547	0.4049
647	0.4049
747	0.4039

ORF	CP	ORF	CP	ORF	CP
1	-0.2101	52	-0.3441	102	-0.5031
2	-0.5541	53	-0.6621	103	-0.6601
3	-0.5621	54	-0.5321	104	-0.6341
4	-0.4171	55	-0.6451	105	-0.5241
5	-0.3331	56	-0.6011	110	-0.1011
6	-0.2701	57	-0.4231	111	-0.1311
7	-0.2361	58	-0.2491	112	-0.0781
8	-0.2171	59	-0.1911	113	-0.1051
9	-0.2001	60	-0.1981	114	0.0539
10	-0.1971	61	-0.2391	115	0.0539
11	-0.2031	62	-0.2951	116	0.0549
12	-0.2231	63	-0.3871	117	0.0559
13	-0.2661	64	-0.8121	118	0.0529
14	-0.4101	65	-0.6061	119	0.0549
15	-0.4641	66	-0.6231	120	-0.0781
16	-0.5021	67	-0.6061	121	0.0499
17	-0.4161	68	-0.5141	122	0.0529
18	-0.3361	69	-0.3461	123	0.0519
19	-0.2871	70	-0.2591	124	-0.0331
20	-0.2531	71	-0.2601	125	-0.0521
21	-0.2171	72	-0.3161	126	-0.0321
22	-0.2011	73	-0.4611	127	-0.0401
23	-0.2021	74	-0.5601	128	-0.0781
24	-0.2071	75	-0.6271	129	-0.1131
25	-0.2121	76	-0.6251	135	-0.0111
26	-0.2391	77	-0.5391	136	-0.0271
27	-0.2971	78	-0.4061	137	-0.0111
28	-0.4451	79	-0.3261	138	0.0729
29	-0.5091	80	-0.3541	139	0.0779
30	-0.7231	81	-0.5091	140	0.0749
32	-0.2201	82	-0.5081	141	0.0899
33	-0.2011	83	-0.5491	142	0.0829
34	-0.1951	84	-0.6171	143	0.0879
35	-0.1891	85	-0.5461	145	-0.0281
36	-0.1901	86	-0.4361	147	0.0829
37	-0.1961	87	-0.3751	151	-0.0191
38	-0.2151	88	-0.4391	152	-0.1351
39	-0.2511	89	-0.4691	153	-0.1721
40	-0.3081	90	-0.5871	154	-0.2231
41	-0.4531	91	-0.5751	155	0.0939
42	-0.5271	92	-0.5371	156	0.0539
43	-0.7371	93	-0.4611	157	-0.0901
44	-0.5861	94	-0.4161	158	0.1549
45	-0.2561	95	-0.3971	159	0.1039
46	-0.1331	96	-0.0961	160	0.0539
47	-0.1501	97	-0.6521	161	-0.0511
48	-0.1711	98	0.0909	162	0.1729
49	-0.1951	99	-0.0001	163	0.1129
50	-0.2221	100	-0.4561	164	0.0729
51	-0.2631	101	-0.5541	165	-0.0801

ORF	CP	ORF	CP	ORF	CP
166	0.2609	217	-0.1081	268	-0.4081
167	0.1269	218	-0.0881	269	-0.2141
168	0.1059	219	-0.0901	270	-0.1581
169	-0.0041	220	-0.1181	271	-0.5191
170	0.1779	221	-0.2571	272	-0.4701
171	0.0179	222	-0.2721	273	-0.1451
172	-0.1151	223	0.0399	274	-0.1391
173	-0.0631	224	0.0999	275	0.2469
174	-0.1221	225	0.0879	276	0.1119
175	-0.2511	226	-0.0571	277	-0.0691
176	-0.2411	227	-0.5981	278	-0.9541
177	-0.1911	228	-0.5411	279	-0.9251
178	-0.2991	229	-0.4701	280	-0.8291
179	-0.1871	230	-0.2891	281	-0.6151
180	-0.2071	231	-0.1561	282	-0.3531
181	0.1989	232	-0.1231	283	-0.2621
182	0.2909	233	-0.1171	284	-0.1981
183	0.2499	234	-0.1221	285	-0.2361
184	0.4249	235	-0.1901	286	-0.5411
185	0.4539	236	-0.1401	287	-0.4721
186	0.4859	237	0.0249	288	-0.1291
187	0.5389	238	-0.0101	289	-0.1411
188	0.6179	239	0.1529	290	-0.2011
189	0.6739	240	0.0249	291	-0.7801
190	0.2719	241	-0.8121	292	-0.0891
191	-0.2051	242	-0.7611	325	0.0579
192	-0.2041	244	-0.4611	326	0.0569
193	-0.2041	245	-0.2421	327	0.0579
194	-0.2051	246	-0.1761	328	0.0579
195	-0.2041	247	-0.1421	329	0.0559
196	-0.2111	248	-0.1201	330	0.0569
197	-0.2051	249	-0.1311	331	0.0569
198	-0.2111	250	0.0619	332	0.0589
199	-0.2041	251	-0.2731	333	0.0589
200	-0.2111	252	-0.2371	334	0.0559
201	-0.2041	253	0.1469	335	0.0569
202	-0.2041	254	-0.0421	336	0.0579
203	-0.2061	255	-0.8591	337	0.0579
204	-0.2101	256	-0.8471	338	0.0569
205	0.1789	257	-0.7971	339	0.0599
206	0.2329	258	-0.6381	340	0.0579
207	0.2159	259	-0.3471	341	0.0569
208	0.2119	260	-0.2331	350	0.0539
210	0.1729	261	-0.1821	351	0.0529
211	0.1099	262	-0.1821	352	0.0539
212	-0.0161	263	-0.3661	353	0.0559
213	-0.5931	264	-0.3251	354	0.0569
214	-0.4501	265	-0.2371	355	0.0549
215	-0.3441	266	-0.2031		
216	-0.1811	267	-0.4261		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1052
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 605.
TUNNEL STAGNATION PRESSURE(PSF) = 2058.
TUNNEL STATIC PRESSURE(PSF) = 1351.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -1.89
FIN ANGLE(DEG) = -0.17
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.4079
247	0.4059
347	0.4069
447	0.4079
547	0.4049
647	0.4049
747	0.4049

ORF	CP	ORF	CP	ORF	CP
1	-0.0851	52	-0.3181	102	-0.5021
2	-0.4481	53	-0.6201	103	-0.6461
3	-0.4691	54	-0.5141	104	-0.6301
4	-0.3391	55	-0.1731	105	-0.5231
5	-0.2411	56	-0.1141	110	-0.0981
6	-0.1811	57	-0.1111	111	-0.1171
7	-0.1531	58	-0.1291	112	-0.0741
8	-0.1401	59	-0.1501	113	-0.1001
9	-0.1361	60	-0.1751	114	0.0509
10	-0.1421	61	-0.2141	115	0.0509
11	-0.1461	62	-0.2711	116	0.0519
12	-0.1711	63	-0.3721	117	0.0509
13	-0.2201	64	-0.7681	118	0.0489
14	-0.3891	65	-0.5971	119	0.0499
15	-0.4571	66	-0.2151	120	-0.0741
16	-0.2711	67	-0.1241	121	0.0509
17	-0.2711	68	-0.1401	122	0.0509
18	-0.2331	69	-0.1641	123	0.0509
19	-0.1881	70	-0.1991	124	-0.0291
20	-0.1561	71	-0.2361	125	-0.0521
21	-0.1401	72	-0.2981	126	-0.0241
22	-0.1321	73	-0.4311	127	-0.0351
23	-0.1341	74	-0.5921	128	-0.0061
24	-0.1411	75	-0.2271	129	-0.1251
25	-0.1531	76	-0.1531	135	-0.0061
26	-0.1871	77	-0.1861	136	-0.0171
27	-0.2511	78	-0.2081	137	-0.0051
28	-0.4141	79	-0.2511	138	0.0769
29	-0.4911	80	-0.3211	139	0.0759
30	-0.2041	81	-0.5251	140	0.0749
32	-0.1451	82	-0.5651	141	0.0899
33	-0.1301	83	-0.1961	142	0.0909
34	-0.1261	84	-0.1871	143	0.0919
35	-0.1221	85	-0.2031	145	-0.0161
36	-0.1301	86	-0.2431	147	0.0899
37	-0.1421	87	-0.3071	151	-0.0231
38	-0.1681	88	-0.4481	152	-0.1311
39	-0.2031	89	-0.4921	153	-0.2031
40	-0.2661	90	-0.2721	154	-0.2411
41	-0.4221	91	-0.1911	155	0.1689
42	-0.5001	92	-0.2321	156	0.0899
43	-0.1721	93	-0.2851	157	-0.0691
44	-0.1171	94	-0.3931	158	0.2649
45	-0.1141	95	-0.3841	159	0.1929
46	-0.1131	96	-0.2351	160	0.1279
47	-0.1221	97	-0.6501	161	0.0009
48	-0.1331	98	0.0069	162	0.2329
49	-0.1561	99	-0.0641	163	0.1819
50	-0.1861	100	-0.4631	164	0.0769
51	-0.2381	101	-0.5641	165	-0.0451

ORF	CP	ORF	CP	ORF	CP
166	0.3369	217	-0.1091	268	-0.3971
167	0.1989	218	-0.0851	269	-0.1921
168	0.1499	219	-0.0891	270	-0.1401
169	0.0349	220	-0.1081	271	-0.5331
170	0.2259	221	-0.2391	272	-0.4731
171	0.0459	222	-0.2911	273	-0.1381
172	-0.1051	223	0.0509	274	-0.1341
173	-0.0631	224	0.1339	275	0.2749
174	-0.1131	225	0.1309	276	0.2059
175	-0.2751	226	-0.0351	277	0.0089
176	-0.2511	227	-0.6151	278	-0.8721
177	-0.2031	228	-0.5721	279	-0.8331
178	-0.3481	229	-0.5061	280	-0.7541
179	-0.2511	230	-0.3151	281	-0.5461
180	-0.2191	231	-0.1501	282	-0.2631
181	0.2739	232	-0.1121	283	-0.1681
182	0.3699	233	-0.1021	284	-0.1341
183	0.3769	234	-0.1111	285	-0.1871
184	0.5559	235	-0.1911	286	-0.5461
185	0.5889	236	-0.1361	287	-0.4941
186	0.6019	237	0.0509	288	-0.1221
187	0.6069	238	-0.0041	289	-0.1301
188	0.6709	239	0.1669	290	-0.1921
189	0.6999	240	0.0279	291	-0.7181
190	0.2479	241	-0.6941	292	-0.1171
191	-0.2041	242	-0.6631	325	0.0549
192	-0.2031	244	-0.3691	326	0.0529
193	-0.2061	245	-0.1821	327	0.0559
194	-0.2051	246	-0.1401	328	0.0549
195	-0.2081	247	-0.1171	329	0.0539
196	-0.2251	248	-0.1061	330	0.0529
197	-0.1991	249	-0.1231	331	0.0539
198	-0.2041	250	0.0559	332	0.0559
199	-0.2021	251	-0.2781	333	0.0549
200	-0.2091	252	-0.2521	334	0.0539
201	-0.1981	253	0.1969	335	0.0529
202	-0.2001	254	0.0199	336	0.0549
203	-0.2041	255	-0.7801	337	0.0549
204	-0.2101	256	-0.7551	338	0.0539
205	0.1869	257	-0.7251	339	0.0569
206	0.2209	258	-0.5711	340	0.0559
207	0.2169	259	-0.2711	341	0.0539
208	0.2149	260	-0.1531	350	0.0519
210	0.2189	261	-0.1211	351	0.0519
211	0.1759	262	-0.1331	352	0.0509
212	0.0259	263	-0.3491	353	0.0519
213	-0.7471	264	-0.2961	354	0.0529
214	-0.5941	265	-0.2211	355	0.0529
215	-0.4921	266	-0.1921		
216	-0.2541	267	-0.4141		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1053
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.790
TUNNEL DYNAMIC PRESSURE(PSF) = 596.
TUNNEL STAGNATION PRESSURE(PSF) = 2060.
TUNNEL STATIC PRESSURE(PSF) = 1365.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3887
247	0.3867
347	0.3877
447	0.3887
547	0.3057
647	0.3047
747	0.3047

ORF	CP	ORF	CP	ORF	CP
1	-0.0453	52	-0.3003	102	-0.5513
2	-0.3703	53	-0.6183	103	-0.6683
3	-0.3823	54	-0.5243	104	-0.6673
4	-0.2513	55	-0.0033	105	-0.5523
5	-0.1593	56	-0.0333	110	-0.1953
6	-0.1203	57	-0.0523	111	-0.2133
7	-0.1013	58	-0.0823	112	-0.1723
8	-0.0983	59	-0.1083	113	-0.1943
9	-0.0993	60	-0.1423	114	-0.0443
10	-0.1113	61	-0.1833	115	-0.0443
11	-0.1263	62	-0.2483	116	-0.0433
12	-0.1583	63	-0.3573	117	-0.0443
13	-0.2073	64	-0.7663	118	-0.0443
14	-0.3923	65	-0.5883	119	-0.0453
15	-0.4763	66	-0.0243	120	-0.1553
16	-0.1953	67	-0.0513	121	-0.0483
17	-0.1933	68	-0.0883	122	-0.0443
18	-0.1603	69	-0.1233	123	-0.0443
19	-0.1333	70	-0.1653	124	-0.1203
20	-0.1133	71	-0.2193	125	-0.1413
21	-0.1083	72	-0.2903	126	-0.1153
22	-0.1053	73	-0.4323	127	-0.1233
23	-0.1123	74	-0.6253	128	-0.1073
24	-0.1233	75	-0.0413	129	-0.2063
25	-0.1453	76	-0.0823	135	-0.0803
26	-0.1763	77	-0.1373	136	-0.0883
27	-0.2403	78	-0.1853	137	-0.0813
28	-0.4133	79	-0.2453	138	-0.0013
29	-0.5003	80	-0.3313	139	0.0007
30	-0.0913	81	-0.5343	140	-0.0003
32	-0.0883	82	-0.6183	141	0.0097
33	-0.0883	83	-0.0383	142	0.0097
34	-0.0973	84	-0.1033	143	0.0077
35	-0.0993	85	-0.1583	145	-0.0893
36	-0.1103	86	-0.2133	147	0.0037
37	-0.1293	87	-0.2883	151	-0.0583
38	-0.1573	88	-0.4453	152	-0.1563
39	-0.1933	89	-0.4763	153	-0.2373
40	-0.2653	90	-0.1413	154	-0.2553
41	-0.4323	91	-0.1893	155	0.1697
42	-0.5373	92	-0.2273	156	0.0997
43	-0.0043	93	-0.2803	157	-0.0753
44	-0.0243	94	-0.3823	158	0.3507
45	-0.0393	95	-0.3873	159	0.2477
46	-0.0493	96	-0.4063	160	0.1557
47	-0.0703	97	-0.7313	161	0.0347
48	-0.0913	98	-0.0843	162	0.2627
49	-0.1193	99	-0.1473	163	0.2337
50	-0.1563	100	-0.4533	164	-0.0063
51	-0.2073	101	-0.6103	165	-0.0323

ORF	CP	ORF	CP	ORF	CP
166	0.3167	217	-0.2423	268	-0.4473
167	0.2367	218	-0.1893	269	-0.2723
168	0.1847	219	-0.1733	270	-0.2193
169	0.0347	220	-0.1943	271	-0.5833
170	0.1317	221	-0.2993	272	-0.5553
171	0.0927	222	-0.3623	273	-0.2133
172	-0.1173	223	-0.0463	274	-0.2043
173	-0.0643	224	0.0487	275	0.2037
174	-0.1543	225	0.1137	276	0.1537
175	-0.2943	226	-0.0573	277	-0.0293
176	-0.3183	227	-0.7563	278	-0.8213
177	-0.2183	228	-0.7243	279	-0.7873
178	-0.3853	229	-0.6753	280	-0.7223
179	-0.3183	230	-0.4783	281	-0.5103
180	-0.2643	231	-0.2263	282	-0.2403
181	0.2857	232	-0.1773	283	-0.1743
182	0.3857	233	-0.1633	284	-0.1573
183	0.4027	234	-0.1733	285	-0.2253
184	0.6147	235	-0.2593	286	-0.6113
185	0.6857	236	-0.1943	287	-0.5833
186	0.7607	237	0.0007	288	-0.1923
187	0.7927	238	-0.0363	289	-0.1983
188	0.8587	239	0.0997	290	-0.2633
189	0.9057	240	-0.0343	291	-0.6613
190	0.1927	241	-0.6753	292	-0.1983
191	-0.2393	242	-0.6623	325	0.0017
192	-0.2413	244	-0.3883	326	0.0007
193	-0.2363	245	-0.2273	327	0.0007
194	-0.2343	246	-0.1913	328	0.0007
195	-0.2443	247	-0.1693	329	0.0007
196	-0.2573	248	-0.1653	330	-0.0023
197	-0.2423	249	-0.1913	331	0.0017
198	-0.2403	250	-0.0413	332	0.0007
199	-0.2463	251	-0.3313	333	0.0017
200	-0.2483	252	-0.3043	334	0.0027
201	-0.2373	253	0.0777	335	-0.0023
202	-0.2433	254	-0.0863	336	0.0027
203	-0.2433	255	-0.7723	337	0.0017
204	-0.2383	256	-0.7563	338	0.0007
205	0.0767	257	-0.7193	339	0.0017
206	0.1037	258	-0.5593	340	0.0017
207	0.0997	259	-0.2733	341	0.0007
208	0.0967	260	-0.2013	350	-0.0433
210	0.1667	261	-0.1863	351	-0.0443
211	0.1297	262	-0.2003	352	-0.0443
212	-0.0443	263	-0.4213	353	-0.0443
213	-0.9223	264	-0.3753	354	-0.0473
214	-0.7983	265	-0.2973	355	-0.0473
215	-0.6923	266	-0.2643		
216	-0.4343	267	-0.4623		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1054
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 604.
TUNNEL STAGNATION PRESSURE(PSF) = 2067.
TUNNEL STATIC PRESSURE(PSF) = 1362.
REYNOLDS NUMBER PER FOOT = 4.0000E 06
MODEL ANGLE OF ATTACK(DEG) = 2.05
FIN ANGLE(DEG) = -0.16
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3890
247	0.3870
347	0.3880
447	0.3880
547	0.3870
647	0.3850
747	0.3850

ORF	CP	ORF	CP	ORF	CP
1	-0.0080	52	-0.2460	102	-0.5010
2	-0.2540	53	-0.5570	103	-0.6390
3	-0.2310	54	-0.4730	104	-0.6350
4	-0.1250	55	0.1340	105	-0.5230
5	-0.0740	56	0.0900	110	-0.0920
6	-0.0590	57	0.0560	111	-0.1130
7	-0.0550	58	0.0110	112	-0.0700
8	-0.0550	59	-0.0270	113	-0.0970
9	-0.0600	60	-0.0610	114	0.0450
10	-0.0740	61	-0.1130	115	0.0440
11	-0.0900	62	-0.1820	116	0.0450
12	-0.1190	63	-0.2950	117	0.0430
13	-0.1660	64	-0.6520	118	0.0430
14	-0.3390	65	-0.5350	119	0.0420
15	-0.4110	66	0.1230	120	-0.0970
16	-0.0510	67	0.0580	121	0.0450
17	-0.0620	68	0.0120	122	0.0450
18	-0.0460	69	-0.0370	123	0.0450
19	-0.0340	70	-0.0820	124	-0.0370
20	-0.0310	71	-0.1380	125	-0.0600
21	-0.0300	72	-0.2110	126	-0.0320
22	-0.0410	73	-0.3610	127	-0.0460
23	-0.0530	74	-0.5260	128	-0.1400
24	-0.0700	75	0.0970	129	-0.1410
25	-0.0890	76	0.0420	135	-0.0080
26	-0.1290	77	-0.0260	136	-0.0170
27	-0.1900	78	-0.0930	137	-0.0050
28	-0.3560	79	-0.1660	138	0.0770
29	-0.4400	80	-0.2570	139	0.0740
30	0.0470	81	-0.4610	140	0.0760
32	0.0150	82	-0.4980	141	0.0860
33	0.0020	83	0.0640	142	0.0870
34	-0.0090	84	-0.0210	143	0.0880
35	-0.0220	85	-0.0970	145	-0.0180
36	-0.0380	86	-0.1690	147	0.0880
37	-0.0620	87	-0.2430	151	-0.0640
38	-0.0880	88	-0.4000	152	-0.1280
39	-0.1300	89	-0.4410	153	-0.2340
40	-0.1980	90	-0.0490	154	-0.2540
41	-0.3580	91	-0.1570	155	0.1930
42	-0.4570	92	-0.2110	156	0.1120
43	0.1170	93	-0.2740	157	-0.0640
44	0.0760	94	-0.3750	158	0.4530
45	0.0480	95	-0.3810	159	0.2800
46	0.0290	96	-0.4530	160	0.2050
47	0.0020	97	-0.6950	161	0.0690
48	-0.0260	98	-0.1440	162	0.3110
49	-0.0610	99	-0.2020	163	0.2860
50	-0.0990	100	-0.4480	164	0.0770
51	-0.1580	101	-0.5630	165	0.0000

ORF	CP	ORF	CP	ORF	CP
166	0.3290	217	-0.2510	268	-0.3560
167	0.2830	218	-0.1370	269	-0.2100
168	0.2250	219	-0.0940	270	-0.1500
169	0.0640	220	-0.1070	271	-0.5130
170	0.1720	221	-0.2100	272	-0.4560
171	0.1620	222	-0.2780	273	-0.1520
172	-0.0700	223	0.0570	274	-0.1360
173	0.0400	224	0.1790	275	0.2680
174	-0.1050	225	0.2420	276	0.2100
175	-0.2080	226	0.0420	277	0.0490
176	-0.2850	227	-0.7630	278	-0.6460
177	-0.2270	228	-0.7540	279	-0.6360
178	-0.3830	229	-0.7200	280	-0.5370
179	-0.2950	230	-0.5710	281	-0.2750
180	-0.2310	231	-0.2440	282	-0.0780
181	0.3290	232	-0.1280	283	-0.0620
182	0.4500	233	-0.0890	284	-0.0620
183	0.3990	234	-0.0860	285	-0.1400
184	0.6080	235	-0.1820	286	-0.5420
185	0.7040	236	-0.1080	287	-0.4930
186	0.8390	237	0.1060	288	-0.1190
187	0.9410	238	0.1010	289	-0.1290
188	0.9980	239	0.2000	290	-0.1930
189	1.0340	240	0.0610	291	-0.5190
190	0.1880	241	-0.6930	292	-0.1720
191	-0.2080	242	-0.6610	325	0.0470
192	-0.1940	244	-0.3670	326	0.0470
193	-0.2020	245	-0.1720	327	0.0480
194	-0.1980	246	-0.1240	328	0.0480
195	-0.2010	247	-0.1000	329	0.0480
196	-0.2080	248	-0.0890	330	0.0470
197	-0.1970	249	-0.1170	331	0.0470
198	-0.1990	250	0.0460	332	0.0480
199	-0.2070	251	-0.2550	333	0.0480
200	-0.1970	252	-0.2310	334	0.0470
201	-0.1930	253	0.1610	335	0.0460
202	-0.2000	254	-0.0050	336	0.0480
203	-0.1980	255	-0.6140	337	0.0470
204	-0.1950	256	-0.5760	338	0.0480
205	0.1520	257	-0.5170	339	0.0490
206	0.1750	258	-0.3270	340	0.0480
207	0.1740	259	-0.1310	341	0.0480
208	0.1680	260	-0.0950	350	0.0430
210	0.3240	261	-0.0880	351	0.0420
211	0.2660	262	-0.1050	352	0.0430
212	0.0620	263	-0.3140	353	0.0420
213	-0.9320	264	-0.2840	354	0.0430
214	-0.8190	265	-0.2210	355	0.0420
215	-0.7650	266	-0.1900		
216	-0.5360	267	-0.3700		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1055
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 606.
TUNNEL STAGNATION PRESSURE(PSF) = 2070.
TUNNEL STATIC PRESSURE(PSF) = 1361.
REYNOLDS NUMBER PER FOOT = 4.0100E 06
MODEL ANGLE OF ATTACK(DEG) = 3.97
FIN ANGLE(DEG) = -0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3861
247	0.3851
347	0.3861
447	0.3851
547	0.3901
647	0.3891
747	0.3891

ORF	CP	ORF	CP	ORF	CP
1	0.0681	52	-0.2059	102	-0.4889
2	-0.1129	53	-0.5229	103	-0.6539
3	-0.0859	54	-0.4379	104	-0.6259
4	-0.0339	55	0.2311	105	-0.5169
5	-0.0149	56	0.1681	110	-0.0939
6	-0.0089	57	0.1291	111	-0.1119
7	-0.0019	58	0.0841	112	-0.0769
8	-0.0139	59	0.0421	113	-0.0969
9	-0.0199	60	-0.0079	114	0.0571
10	-0.0289	61	-0.0679	115	0.0531
11	-0.0469	62	-0.1349	116	0.0521
12	-0.0739	63	-0.2549	117	0.0521
13	-0.1349	64	-0.6059	118	0.0531
14	-0.3189	65	-0.5199	119	0.0541
15	-0.3829	66	0.2131	120	-0.0979
16	0.0761	67	0.1411	121	0.0511
17	0.0561	68	0.0781	122	0.0501
18	0.0471	69	0.0341	123	0.0531
19	0.0301	70	-0.0209	124	-0.0359
20	0.0251	71	-0.0849	125	-0.0699
21	0.0201	72	-0.1709	126	-0.0329
22	0.0041	73	-0.3259	127	-0.0519
23	-0.0039	74	-0.5099	128	-0.0109
24	-0.0229	75	0.1911	129	-0.1509
25	-0.0429	76	0.1031	135	-0.0119
26	-0.0869	77	0.0361	136	-0.0249
27	-0.1539	78	-0.0339	137	-0.0119
28	-0.3289	79	-0.1149	138	0.0821
29	-0.4119	80	-0.2189	139	0.0801
30	0.1661	81	-0.4229	140	0.0821
32	0.0991	82	-0.4769	141	0.1011
33	0.0731	83	0.1391	142	0.0951
34	0.0581	84	0.0391	143	0.0981
35	0.0371	85	-0.0539	145	-0.0249
36	0.0201	86	-0.1359	147	0.0941
37	-0.0049	87	-0.2289	151	-0.0299
38	-0.0369	88	-0.3779	152	-0.1019
39	-0.0859	89	-0.4329	153	-0.2269
40	-0.1569	90	0.0161	154	-0.2469
41	-0.3189	91	-0.1219	155	0.2561
42	-0.4319	92	-0.1939	156	0.1301
43	0.2211	93	-0.2709	157	-0.0499
44	0.1631	94	-0.3719	158	0.4331
45	0.1221	95	-0.4029	159	0.2721
46	0.0981	96	-0.5469	160	0.2201
47	0.0661	97	-0.6929	161	0.0781
48	0.0321	98	-0.3919	162	0.2811
49	-0.0039	99	-0.5279	163	0.2561
50	-0.0509	100	-0.4349	164	0.0741
51	-0.1149	101	-0.5579	165	-0.0049

ORF	CP	ORF	CP	ORF	CP
166	0.2511	217	-0.3039	268	-0.3549
167	0.2411	218	-0.1809	269	-0.2119
168	0.1971	219	-0.1139	270	-0.1459
169	0.0411	220	-0.1099	271	-0.4899
170	0.2091	221	-0.2179	272	-0.4589
171	0.1261	222	-0.2629	273	-0.1609
172	-0.0849	223	0.1171	274	-0.1359
173	0.0861	224	0.1801	275	0.2291
174	-0.0709	225	0.2641	276	0.2281
175	-0.1819	226	0.0661	277	0.1021
176	-0.2819	227	-0.7919	278	-0.4809
177	-0.1979	228	-0.7849	279	-0.4139
178	-0.3239	229	-0.7729	280	-0.2729
179	-0.1789	230	-0.6649	281	-0.0889
180	-0.2309	231	-0.3499	282	-0.0139
181	0.3001	232	-0.1689	283	-0.0069
182	0.4131	233	-0.0949	284	-0.0199
183	0.3181	234	-0.0859	285	-0.1009
184	0.4921	235	-0.1639	286	-0.5299
185	0.6321	236	-0.0799	287	-0.4539
186	0.8151	237	0.1151	288	-0.1139
187	0.9421	238	0.1641	289	-0.1239
188	1.0521	239	0.2381	290	-0.1919
189	1.0901	240	0.1001	291	-0.4689
190	0.1201	241	-0.8029	292	-0.2139
191	-0.2009	242	-0.7499	325	0.0541
192	-0.1849	244	-0.4199	326	0.0541
193	-0.1829	245	-0.1929	327	0.0541
194	-0.1769	246	-0.1149	328	0.0561
195	-0.1899	247	-0.0719	329	0.0541
196	-0.2029	248	-0.0579	330	0.0521
197	-0.1849	249	-0.0789	331	0.0541
198	-0.1949	250	0.0561	332	0.0541
199	-0.2009	251	-0.2459	333	0.0561
200	-0.1899	252	-0.2209	334	0.0551
201	-0.1799	253	0.2081	335	0.0521
202	-0.1879	254	0.0441	336	0.0551
203	-0.1859	255	-0.6179	337	0.0541
204	-0.1859	256	-0.5529	338	0.0551
205	0.1261	257	-0.4779	339	0.0531
206	0.1431	258	-0.2369	340	0.0541
207	0.1431	259	-0.0889	341	0.0541
208	0.1441	260	-0.0539	350	0.0521
210	0.3571	261	-0.0449	351	0.0511
211	0.2241	262	-0.0789	352	0.0531
212	0.0191	263	-0.2929	353	0.0541
213	-0.9649	264	-0.2929	354	0.0531
214	-0.8639	265	-0.2249	355	0.0531
215	-0.8099	266	-0.1829		
216	-0.6159	267	-0.3459		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1056
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 605.
TUNNEL STAGNATION PRESSURE(PSF) = 2070.
TUNNEL STATIC PRESSURE(PSF) = 1363.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = 0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3841
247	0.3821
347	0.3831
447	0.3831
547	0.3801
647	0.3801
747	0.3801

ORF	CP	ORF	CP	ORF	CP
1	0.1571	52	-0.1789	102	-0.4959
2	-0.0049	53	-0.4969	103	-0.6629
3	0.0071	54	-0.4299	104	-0.6349
4	0.0251	55	0.3091	105	-0.5069
5	0.0371	56	0.2271	110	-0.1089
6	0.0441	57	0.1801	111	-0.1239
7	0.0481	58	0.1351	112	-0.0899
8	0.0401	59	0.0881	113	-0.1059
9	0.0351	60	0.0371	114	0.0461
10	0.0151	61	-0.0269	115	0.0451
11	-0.0049	62	-0.1069	116	0.0451
12	-0.0419	63	-0.2269	117	0.0431
13	-0.0959	64	-0.5479	118	0.0451
14	-0.2969	65	-0.4939	119	0.0441
15	-0.3719	66	0.2871	120	-0.1209
16	0.1741	67	0.1991	121	0.0441
17	0.1331	68	0.1351	122	0.0431
18	0.1191	69	0.0741	123	0.0451
19	0.1011	70	0.0111	124	-0.0569
20	0.0891	71	-0.0469	125	-0.0879
21	0.0841	72	-0.1369	126	-0.0549
22	0.0681	73	-0.3019	127	-0.0739
23	0.0491	74	-0.5029	128	-0.1139
24	0.0311	75	0.2571	129	-0.1709
25	0.0011	76	0.1551	135	-0.0269
26	-0.0469	77	0.0771	136	-0.0419
27	-0.1149	78	0.0021	137	-0.0259
28	-0.3039	79	-0.0819	138	0.0671
29	-0.4059	80	-0.1869	139	0.0651
30	0.2611	81	-0.4039	140	0.0631
32	0.1751	82	-0.4599	141	0.0971
33	0.1461	83	0.1921	142	0.0841
34	0.1191	84	0.0971	143	0.0881
35	0.1031	85	-0.0129	145	-0.0449
36	0.0811	86	-0.1149	147	0.0841
37	0.0531	87	-0.2109	151	0.0191
38	0.0111	88	-0.3669	152	-0.0889
39	-0.0449	89	-0.4189	153	-0.1939
40	-0.1179	90	0.0841	154	-0.2619
41	-0.2919	91	-0.0879	155	0.2611
42	-0.4179	92	-0.1749	156	0.1661
43	0.3001	93	-0.2499	157	-0.0409
44	0.2291	94	-0.3249	158	0.4981
45	0.1871	95	-0.3639	159	0.3111
46	0.1571	96	-0.6969	160	0.2471
47	0.1221	97	-0.6829	161	0.0921
48	0.0831	98	-0.8519	162	0.3191
49	0.0471	99	-0.8409	163	0.2961
50	-0.0049	100	-0.5139	164	0.0631
51	-0.0689	101	-0.5609	165	0.0071

ORF	CP	ORF	CP	ORF	CP
166	0.2441	217	-0.4149	268	-0.3789
167	0.2511	218	-0.2489	269	-0.2169
168	0.2221	219	-0.1359	270	-0.1609
169	0.0501	220	-0.1229	271	-0.5069
170	0.2581	221	-0.2249	272	-0.4789
171	0.0891	222	-0.2679	273	-0.1719
172	-0.1029	223	0.1271	274	-0.1429
173	0.0711	224	0.1611	275	0.1531
174	-0.0649	225	0.2081	276	0.2661
175	-0.2269	226	0.0081	277	0.1701
176	-0.2929	227	-0.8189	278	-0.3759
177	-0.1759	228	-0.8199	279	-0.2509
178	-0.3089	229	-0.8099	280	-0.1179
179	-0.1719	230	-0.7219	281	-0.0019
180	-0.2539	231	-0.4209	282	0.0381
181	0.3251	232	-0.2179	283	0.0371
182	0.4521	233	-0.1209	284	0.0231
183	0.1751	234	-0.1009	285	-0.0699
184	0.2901	235	-0.1629	286	-0.5529
185	0.4951	236	-0.0619	287	-0.4609
186	0.7581	237	0.1161	288	-0.1299
187	0.9721	238	0.1481	289	-0.1329
188	1.0911	239	0.2191	290	-0.1989
189	1.1371	240	0.0831	291	-0.5369
190	0.0641	241	-0.8379	292	-0.2759
191	-0.2009	242	-0.7919	325	0.0521
192	-0.1919	244	-0.4539	326	0.0521
193	-0.1959	245	-0.2159	327	0.0531
194	-0.1969	246	-0.1289	328	0.0501
195	-0.1949	247	-0.0699	329	0.0491
196	-0.2299	248	-0.0479	330	0.0511
197	-0.1969	249	-0.0709	331	0.0531
198	-0.2099	250	0.0491	332	0.0531
199	-0.2019	251	-0.2569	333	0.0511
200	-0.1979	252	-0.2329	334	0.0511
201	-0.1879	253	0.2881	335	0.0501
202	-0.1929	254	0.1081	336	0.0501
203	-0.1829	255	-0.6189	337	0.0521
204	-0.1919	256	-0.5929	338	0.0511
205	0.0801	257	-0.5379	339	0.0521
206	0.0811	258	-0.3389	340	0.0501
207	0.0871	259	-0.0739	341	0.0491
208	0.1041	260	-0.0179	350	0.0451
210	0.3761	261	-0.0089	351	0.0451
211	0.1791	262	-0.0429	352	0.0481
212	-0.0039	263	-0.2959	353	0.0481
213	-1.0159	264	-0.2969	354	0.0461
214	-0.9179	265	-0.2309	355	0.0461
215	-0.8729	266	-0.1949		
216	-0.7089	267	-0.3559		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1057
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 606.
TUNNEL STAGNATION PRESSURE(PSF) = 2074.
TUNNEL STATIC PRESSURE(PSF) = 1365.
REYNOLDS NUMBER PER FOOT = 4.0150E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.11
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3795
247	0.3775
347	0.3775
447	0.3785
547	0.3735
647	0.3725
747	0.3725

ORF	CP	ORF	CP	ORF	CP
1	0.2415	52	-0.1505	102	-0.5135
2	0.0485	53	-0.4725	103	-0.7215
3	0.0575	54	-0.4175	104	-0.6815
4	0.0815	55	0.3535	105	-0.5255
5	0.0945	56	0.2825	110	-0.1145
6	0.0995	57	0.2235	111	-0.1315
7	0.0925	58	0.1645	112	-0.0925
8	0.0875	59	0.1245	113	-0.1155
9	0.0785	60	0.0795	114	0.0465
10	0.0575	61	0.0085	115	0.0465
11	0.0345	62	-0.0725	116	0.0455
12	0.0035	63	-0.2065	117	0.0455
13	-0.0575	64	-0.5155	118	0.0495
14	-0.2815	65	-0.4885	119	0.0485
15	-0.3715	66	0.3325	120	-0.1225
16	0.2515	67	0.2475	121	0.0485
17	0.2075	68	0.1805	122	0.0475
18	0.1825	69	0.1175	123	0.0475
19	0.1635	70	0.0555	124	-0.0725
20	0.1465	71	-0.0085	125	-0.1005
21	0.1355	72	-0.1075	126	-0.0715
22	0.1155	73	-0.2735	127	-0.0885
23	0.1005	74	-0.4955	128	-0.1085
24	0.0755	75	0.3115	129	-0.1795
25	0.0385	76	0.2055	135	-0.0415
26	-0.0035	77	0.1205	136	-0.0585
27	-0.0805	78	0.0365	137	-0.0395
28	-0.2825	79	-0.0555	138	0.0615
29	-0.3935	80	-0.1595	139	0.0505
30	0.3265	81	-0.3795	140	0.0575
32	0.2335	82	-0.4585	141	0.1025
33	0.2025	83	0.2415	142	0.0775
34	0.1705	84	0.1465	143	0.0895
35	0.1455	85	0.0355	145	-0.0615
36	0.1205	86	-0.0745	147	0.0755
37	0.0895	87	-0.1775	151	0.0295
38	0.0465	88	-0.3335	152	-0.0845
39	-0.0035	89	-0.4275	153	-0.1865
40	-0.0815	90	0.1335	154	-0.2765
41	-0.2685	91	-0.0525	155	0.2685
42	-0.4185	92	-0.1495	156	0.1965
43	0.3605	93	-0.2295	157	-0.0305
44	0.2885	94	-0.3095	158	0.5375
45	0.2405	95	-0.3725	159	0.3305
46	0.2055	96	-1.0445	160	0.2615
47	0.1705	97	-0.7045	161	0.0985
48	0.1295	98	-1.1235	162	0.3515
49	0.0815	99	-0.8955	163	0.3115
50	0.0275	100	-0.4805	164	0.0535
51	-0.0425	101	-0.5815	165	0.0115

ORF	CP	ORF	CP	ORF	CP
166	0.2585	217	-0.5105	268	-0.3965
167	0.2715	218	-0.3195	269	-0.2175
168	0.2165	219	-0.1525	270	-0.1645
169	0.0405	220	-0.1225	271	-0.5235
170	0.2795	221	-0.2215	272	-0.5235
171	0.0795	222	-0.2505	273	-0.1845
172	-0.1165	223	0.1425	274	-0.1415
173	0.0955	224	0.1675	275	0.1035
174	-0.0575	225	0.1795	276	0.3635
175	-0.2445	226	-0.0165	277	0.2525
176	-0.3175	227	-0.8475	278	-0.4025
177	-0.1595	228	-0.8595	279	-0.2215
178	-0.3135	229	-0.8505	280	-0.0845
179	-0.1545	230	-0.7855	281	0.0385
180	-0.2635	231	-0.5275	282	0.0875
181	0.3665	232	-0.3125	283	0.0825
182	0.4985	233	-0.1415	284	0.0695
183	0.1625	234	-0.1065	285	-0.0345
184	0.2965	235	-0.1535	286	-0.5575
185	0.4565	236	-0.0455	287	-0.4985
186	0.7565	237	0.1275	288	-0.1295
187	1.0135	238	0.1565	289	-0.1415
188	1.1355	239	0.2025	290	-0.2005
189	1.1665	240	0.0715	291	-0.6405
190	0.0405	241	-0.8775	292	-0.3135
191	-0.2065	242	-0.8325	325	0.0605
192	-0.1975	244	-0.5175	326	0.0585
193	-0.2065	245	-0.2465	327	0.0545
194	-0.1935	246	-0.1325	328	0.0545
195	-0.1985	247	-0.0605	329	0.0545
196	-0.2145	248	-0.0415	330	0.0565
197	-0.2165	249	-0.0615	331	0.0585
198	-0.2055	250	0.0505	332	0.0565
199	-0.2145	251	-0.2675	333	0.0555
200	-0.2035	252	-0.2315	334	0.0535
201	-0.1915	253	0.3425	335	0.0565
202	-0.2155	254	0.1415	336	0.0565
203	-0.1965	255	-0.5815	337	0.0595
204	-0.1955	256	-0.5725	338	0.0575
205	0.0365	257	-0.5375	339	0.0545
206	0.0335	258	-0.3585	340	0.0545
207	0.0345	259	-0.0805	341	0.0545
208	0.0805	260	-0.0045	350	0.0475
210	0.4015	261	0.0075	351	0.0475
211	0.1475	262	-0.0185	352	0.0475
212	-0.0105	263	-0.2905	353	0.0475
213	-1.1085	264	-0.3175	354	0.0455
214	-0.9665	265	-0.2545	355	0.0465
215	-0.9295	266	-0.1965		
216	-0.7915	267	-0.3565		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1058
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.794
TUNNEL DYNAMIC PRESSURE(PSF) = 604.
TUNNEL STAGNATION PRESSURE(PSF) = 2074.
TUNNEL STATIC PRESSURE(PSF) = 1368.
REYNOLDS NUMBER PER FOOT = 4.0090E 06
MODEL ANGLE OF ATTACK(DEG) = 11.99
FIN ANGLE(DEG) = -0.11
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3761
247	0.3741
347	0.3751
447	0.3761
547	0.3521
647	0.3511
747	0.3521

ORF	CP	ORF	CP	ORF	CP
1	0.3881	52	-0.0959	102	-0.5899
2	0.1121	53	-0.4119	103	-0.7839
3	0.1651	54	-0.3999	104	-0.7819
4	0.2091	55	0.4471	105	-0.5699
5	0.2191	56	0.3721	110	-0.1469
6	0.2211	57	0.3111	111	-0.1629
7	0.2121	58	0.2571	112	-0.1309
8	0.1961	59	0.2031	113	-0.1619
9	0.1791	60	0.1411	114	0.0391
10	0.1541	61	0.0711	115	0.0371
11	0.1251	62	-0.0229	116	0.0371
12	0.0841	63	-0.1559	117	0.0381
13	0.0181	64	-0.4599	118	0.0371
14	-0.2319	65	-0.4639	119	0.0381
15	-0.3549	66	0.4171	120	-0.1579
16	0.3711	67	0.3401	121	0.0371
17	0.3241	68	0.2681	122	0.0381
18	0.3041	69	0.2011	123	0.0391
19	0.2811	70	0.1251	124	-0.1209
20	0.2611	71	0.0451	125	-0.1579
21	0.2411	72	-0.0579	126	-0.1279
22	0.2161	73	-0.2339	127	-0.1439
23	0.1891	74	-0.4789	128	-0.0859
24	0.1561	75	0.3801	129	-0.2229
25	0.1211	76	0.2811	135	-0.0859
26	0.0711	77	0.1911	136	-0.1199
27	-0.0159	78	0.1031	137	-0.0899
28	-0.2339	79	0.0011	138	0.0191
29	-0.3889	80	-0.1159	139	-0.0079
30	0.4381	81	-0.3399	140	0.0161
32	0.3371	82	-0.4639	141	0.1101
33	0.3021	83	0.3071	142	0.0541
34	0.2671	84	0.2191	143	0.0781
35	0.2381	85	0.1031	145	-0.1329
36	0.2011	86	-0.0089	147	0.0471
37	0.1641	87	-0.1319	151	0.0641
38	0.1161	88	-0.2969	152	-0.0729
39	0.0581	89	-0.4439	153	-0.1519
40	-0.0319	90	0.1931	154	-0.2829
41	-0.2299	91	0.0041	155	0.2151
42	-0.4099	92	-0.1089	156	0.2211
43	0.4591	93	-0.2029	157	-0.0219
44	0.3951	94	-0.3159	158	0.5891
45	0.3401	95	-0.4389	159	0.3291
46	0.2971	96	-1.3179	160	0.2681
47	0.2521	97	-0.7679	161	0.0911
48	0.2071	98	-1.0059	162	0.3731
49	0.1571	99	-0.7069	163	0.3001
50	0.0921	100	-0.5719	164	-0.0109
51	0.0161	101	-0.6359	165	-0.0189

ORF	CP	ORF	CP	ORF	CP
166	0.2621	217	-0.6449	268	-0.4549
167	0.2191	218	-0.4419	269	-0.2519
168	0.1611	219	-0.2299	270	-0.1869
169	-0.0069	220	-0.1509	271	-0.5789
170	0.2721	221	-0.2629	272	-0.6129
171	0.0341	222	-0.1259	273	-0.1859
172	-0.1469	223	0.1211	274	-0.1649
173	0.0981	224	0.1491	275	0.0161
174	-0.0419	225	0.1061	276	0.5961
175	-0.2529	226	-0.0839	277	0.3851
176	-0.3309	227	-0.9329	278	-0.5469
177	-0.1439	228	-0.9349	279	-0.3819
178	-0.3049	229	-0.9259	280	-0.1619
179	-0.1609	230	-0.8689	281	0.1241
180	-0.2979	231	-0.6489	282	0.1991
181	0.4291	232	-0.4459	283	0.1841
182	0.5781	233	-0.2269	284	0.1511
183	0.1321	234	-0.1409	285	0.0261
184	0.2471	235	-0.1529	286	-0.6329
185	0.3931	236	-0.0359	287	-0.5639
186	0.6461	237	0.0991	288	-0.1519
187	0.9231	238	0.1231	289	-0.1559
188	1.1021	239	0.1711	290	-0.2349
189	1.1531	240	0.0361	291	-0.6499
190	0.0151	241	-0.8839	292	-0.3749
191	-0.2259	242	-0.8659	325	0.0581
192	-0.2059	244	-0.6529	326	0.0571
193	-0.2069	245	-0.3589	327	0.0571
194	-0.2109	246	-0.1919	328	0.0571
195	-0.2189	247	-0.0779	329	0.0591
196	-0.2339	248	-0.0369	330	0.0591
197	-0.2309	249	-0.0549	331	0.0591
198	-0.2199	250	0.0391	332	0.0561
199	-0.2309	251	-0.3089	333	0.0571
200	-0.2229	252	-0.2789	334	0.0591
201	-0.2009	253	0.4571	335	0.0591
202	-0.2259	254	0.1971	336	0.0551
203	-0.2069	255	-0.5709	337	0.0581
204	-0.2039	256	-0.5599	338	0.0571
205	-0.0799	257	-0.5389	339	0.0571
206	-0.1199	258	-0.3789	340	0.0581
207	-0.0759	259	-0.0799	341	0.0591
208	-0.0469	260	0.0051	350	0.0381
210	0.4031	261	0.0361	351	0.0371
211	0.0051	262	0.0181	352	0.0391
212	-0.1129	263	-0.2929	353	0.0361
213	-1.2029	264	-0.3609	354	0.0351
214	-1.0349	265	-0.2749	355	0.0331
215	-1.0079	266	-0.2289		
216	-0.8749	267	-0.3549		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1059
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 608.
TUNNEL STAGNATION PRESSURE(PSF) = 2076.
TUNNEL STATIC PRESSURE(PSF) = 1365.
REYNOLDS NUMBER PER FOOT = 4.0220E 06
MODEL ANGLE OF ATTACK(DEG) = 14.13
FIN ANGLE(DEG) = -0.11
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.3779
247	0.3769
347	0.3779
447	0.3789
547	0.3779
647	0.3779
747	0.3779

ORF	CP	ORF	CP	ORF	CP
1	0.4439	52	-0.0611	102	-0.6311
2	0.1659	53	-0.3811	103	-0.7861
3	0.2259	54	-0.3841	104	-0.7711
4	0.2879	55	0.4909	105	-0.6091
5	0.2919	56	0.4209	110	-0.1231
6	0.2799	57	0.3639	111	-0.1351
7	0.2659	58	0.3039	112	-0.1191
8	0.2459	59	0.2479	113	-0.1511
9	0.2289	60	0.1829	114	0.0649
10	0.2009	61	0.1099	115	0.0679
11	0.1699	62	0.0199	116	0.0679
12	0.1289	63	-0.1161	117	0.0669
13	0.0639	64	-0.4221	118	0.0689
14	-0.1971	65	-0.4361	119	0.0699
15	-0.3261	66	0.4509	120	-0.1251
16	0.4419	67	0.3789	121	0.0639
17	0.4079	68	0.3129	122	0.0659
18	0.3799	69	0.2419	123	0.0639
19	0.3529	70	0.1679	124	-0.1081
20	0.3179	71	0.0829	125	-0.1391
21	0.2969	72	-0.0211	126	-0.1111
22	0.2699	73	-0.1951	127	-0.1271
23	0.2389	74	-0.4521	128	-0.1671
24	0.2069	75	0.4119	129	-0.2091
25	0.1669	76	0.3239	135	-0.0731
26	0.1139	77	0.2309	136	-0.1141
27	0.0259	78	0.1419	137	-0.0671
28	-0.1991	79	0.0419	138	0.0389
29	-0.3641	80	-0.0801	139	-0.0021
30	0.4929	81	-0.2961	140	0.0299
32	0.3989	82	-0.4431	141	0.1609
33	0.3619	83	0.3329	142	0.0789
34	0.3259	84	0.2489	143	0.1209
35	0.2879	85	0.1339	145	-0.1231
36	0.2539	86	0.0199	147	0.0789
37	0.2119	87	-0.1011	151	0.0939
38	0.1619	88	-0.2761	152	-0.0651
39	0.1039	89	-0.4661	153	-0.1181
40	0.0089	90	0.2259	154	-0.2661
41	-0.1921	91	0.0349	155	0.1469
42	-0.3941	92	-0.0901	156	0.2459
43	0.4969	93	-0.1881	157	-0.0031
44	0.4409	94	-0.3081	158	0.6079
45	0.3839	95	-0.4571	159	0.3409
46	0.3479	96	-1.3501	160	0.2759
47	0.2979	97	-0.6511	161	0.0959
48	0.2509	98	-0.9321	162	0.3849
49	0.1939	99	-0.6611	163	0.2989
50	0.1319	100	-0.6051	164	-0.0091
51	0.0559	101	-0.6861	165	-0.0101

ORF	CP	ORF	CP	ORF	CP
166	0.2719	217	-0.6481	268	-0.4561
167	0.2249	218	-0.4451	269	-0.2451
168	0.1519	219	-0.2191	270	-0.1691
169	-0.0171	220	-0.1251	271	-0.6021
170	0.2659	221	-0.2311	272	-0.6191
171	0.0339	222	-0.0481	273	-0.1901
172	-0.1401	223	0.1439	274	-0.1531
173	0.1139	224	0.1679	275	-0.0151
174	-0.0241	225	0.0949	276	0.7069
175	-0.2391	226	-0.0861	277	0.4679
176	-0.3101	227	-0.9541	278	-0.5021
177	-0.1341	228	-0.9501	279	-0.4141
178	-0.2951	229	-0.9381	280	-0.1401
179	-0.2041	230	-0.8651	281	0.2259
180	-0.2811	231	-0.6521	282	0.2929
181	0.4739	232	-0.4531	283	0.2619
182	0.6159	233	-0.2141	284	0.2209
183	0.1619	234	-0.1221	285	0.0879
184	0.2559	235	-0.1121	286	-0.6681
185	0.3669	236	0.0009	287	-0.5461
186	0.6179	237	0.1289	288	-0.1461
187	0.8699	238	0.1599	289	-0.1401
188	1.0709	239	0.1429	290	-0.2221
189	1.1409	240	0.0209	291	-0.6221
190	-0.0081	241	-0.8291	292	-0.3991
191	-0.2261	242	-0.8301	325	0.0719
192	-0.1921	244	-0.6271	326	0.0709
193	-0.1981	245	-0.3511	327	0.0679
194	-0.1871	246	-0.1831	328	0.0709
195	-0.2101	247	-0.0501	329	0.0709
196	-0.2131	248	-0.0061	330	0.0699
197	-0.2061	249	-0.0111	331	0.0719
198	-0.1881	250	0.0699	332	0.0689
199	-0.2001	251	-0.2841	333	0.0709
200	-0.2051	252	-0.2681	334	0.0709
201	-0.1841	253	0.4749	335	0.0699
202	-0.2011	254	0.2259	336	0.0719
203	-0.2011	255	-0.5391	337	0.0719
204	-0.2011	256	-0.5091	338	0.0709
205	-0.0931	257	-0.4661	339	0.0689
206	-0.1221	258	-0.2511	340	0.0709
207	-0.0841	259	-0.0091	341	0.0699
208	-0.0481	260	0.0579	350	0.0659
210	0.4369	261	0.0789	351	0.0649
211	-0.0551	262	0.0619	352	0.0659
212	-0.1521	263	-0.2711	353	0.0659
213	-1.2291	264	-0.3471	354	0.0659
214	-1.0481	265	-0.2701	355	0.0649
215	-1.0211	266	-0.2161		
216	-0.8801	267	-0.3351		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1075
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 44.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 602.
TUNNEL STAGNATION PRESSURE(PSF) = 2058.
TUNNEL STATIC PRESSURE(PSF) = 1355.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.4012
247	0.4002
347	0.4002
447	0.3992
547	0.3992
647	0.3992
747	0.3992

ORF	CP	ORF	CP	ORF	CP
1	-0.0318	52	-0.2838	102	-0.5048
2	-0.3728	53	-0.6008	103	-0.6298
3	-0.3708	54	-0.4968	104	-0.6248
4	-0.2438	55	0.0242	105	-0.5108
5	-0.1548	56	-0.0028	110	-0.0988
6	-0.1108	57	-0.0278	111	-0.1158
7	-0.0928	58	-0.0558	112	-0.0718
8	-0.0858	59	-0.0858	113	-0.0988
9	-0.0898	60	-0.1178	114	0.0282
10	-0.0988	61	-0.1648	115	0.0262
11	-0.1168	62	-0.2238	116	0.0252
12	-0.1418	63	-0.3358	117	0.0272
13	-0.1928	64	-0.7348	118	0.0242
14	-0.3728	65	-0.5678	119	0.0242
15	-0.4448	66	0.0102	120	-0.0908
16	-0.1638	67	-0.0248	121	0.0242
17	-0.1618	68	-0.0548	122	0.0262
18	-0.1228	69	-0.0918	123	0.0262
19	-0.0998	70	-0.1358	124	-0.0318
20	-0.0878	71	-0.1818	125	-0.0528
21	-0.0748	72	-0.2548	126	-0.0268
22	-0.0778	73	-0.3958	127	-0.0398
23	-0.0838	74	-0.5528	128	-0.0548
24	-0.0998	75	-0.0098	129	-0.1348
25	-0.1208	76	-0.0478	135	-0.0068
26	-0.1538	77	-0.1038	136	-0.0138
27	-0.2208	78	-0.1538	137	-0.0048
28	-0.3948	79	-0.2078	138	0.0782
29	-0.4698	80	-0.2918	139	0.0792
30	-0.0538	81	-0.4988	140	0.0752
32	-0.0568	82	-0.5098	141	0.0882
33	-0.0558	83	-0.0278	142	0.0922
34	-0.0668	84	-0.0998	143	0.0962
35	-0.0658	85	-0.1548	145	-0.0148
36	-0.0758	86	-0.2118	147	0.0902
37	-0.0988	87	-0.2768	151	-0.0418
38	-0.1238	88	-0.4258	152	-0.1418
39	-0.1638	89	-0.4608	153	-0.2238
40	-0.2328	90	-0.1238	154	-0.2468
41	-0.3908	91	-0.1648	155	0.1842
42	-0.4868	92	-0.2138	156	0.1092
43	0.0092	93	-0.2668	157	-0.0618
44	-0.0108	94	-0.3668	158	0.3502
45	-0.0308	95	-0.3718	159	0.2602
46	-0.0418	96	-0.3668	160	0.1842
47	-0.0578	97	-0.6938	161	0.0462
48	-0.0788	98	-0.0638	162	0.2802
49	-0.1078	99	-0.1238	163	0.2712
50	-0.1408	100	-0.4188	164	0.0792
51	-0.1948	101	-0.5588	165	-0.0078

ORF	CP	ORF	CP	ORF	CP
166	0.3472	217	-0.1498	268	-0.3838
167	0.2582	218	-0.1028	269	-0.1958
168	0.1912	219	-0.0908	270	-0.1418
169	0.0572	220	-0.1058	271	-0.5328
170	0.1772	221	-0.2258	272	-0.4968
171	0.1242	222	-0.2828	273	-0.1438
172	-0.0878	223	0.0292	274	-0.1298
173	-0.0268	224	0.1262	275	0.2832
174	-0.1138	225	0.1902	276	0.2302
175	-0.2538	226	0.0092	277	0.0392
176	-0.2718	227	-0.6898	278	-0.7678
177	-0.2118	228	-0.6708	279	-0.7468
178	-0.3878	229	-0.6008	280	-0.6688
179	-0.3218	230	-0.4058	281	-0.4578
180	-0.2268	231	-0.1588	282	-0.1728
181	0.3102	232	-0.1078	283	-0.1038
182	0.4142	233	-0.0958	284	-0.0898
183	0.4422	234	-0.0988	285	-0.1558
184	0.6272	235	-0.1898	286	-0.5448
185	0.6962	236	-0.1238	287	-0.5248
186	0.7522	237	0.0802	288	-0.1148
187	0.8152	238	0.0442	289	-0.1268
188	0.8592	239	0.1742	290	-0.1928
189	0.9042	240	0.0392	291	-0.6078
190	0.2192	241	-0.6208	292	-0.1328
191	-0.2048	242	-0.6018	325	0.0282
192	-0.2028	244	-0.3238	326	0.0322
193	-0.1988	245	-0.1598	327	0.0312
194	-0.2028	246	-0.1268	328	0.0292
195	-0.2038	247	-0.1028	329	0.0312
196	-0.2108	248	-0.0958	330	0.0302
197	-0.2008	249	-0.1248	331	0.0332
198	-0.2028	250	0.0322	332	0.0332
199	-0.2118	251	-0.2568	333	0.0322
200	-0.2068	252	-0.2238	334	0.0322
201	-0.1998	253	0.1732	335	0.0312
202	-0.1998	254	0.0042	336	0.0292
203	-0.2058	255	-0.6788	337	0.0282
204	-0.2058	256	-0.6738	338	0.0312
205	0.1692	257	-0.6368	339	0.0312
206	0.2002	258	-0.4718	340	0.0292
207	0.1942	259	-0.1838	341	0.0312
208	0.1952	260	-0.1058	350	0.0252
210	0.2622	261	-0.0998	351	0.0282
211	0.2272	262	-0.1138	352	0.0282
212	0.0532	263	-0.3348	353	0.0272
213	-0.8228	264	-0.2988	354	0.0282
214	-0.7078	265	-0.2198	355	0.0282
215	-0.6128	266	-0.1878		
216	-0.3578	267	-0.3918		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1113
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.701
TUNNEL DYNAMIC PRESSURE(PSF) = 549.
TUNNEL STAGNATION PRESSURE(PSF) = 2218.
TUNNEL STATIC PRESSURE(PSF) = 1598.
REYNOLDS NUMBER PER FOOT = 4.0140E 06
MODEL ANGLE OF ATTACK(DEG) = -14.21
FIN ANGLE(DEG) = 0.01
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0087
247	-0.0087
347	-0.0097
447	-0.0087
547	0.0303
647	0.0283
747	0.0293

ORF	CP	ORF	CP	ORF	CP
1	-1.5027	52	-0.7287	102	-0.5997
2	-1.4297	53	-0.7007	103	-0.8337
3	-1.0717	54	-0.6267	104	-0.8097
4	-0.9867	55	-0.8147	105	-0.5587
5	-0.8577	56	-0.8597	110	-0.0807
6	-0.7717	57	-0.9177	111	-0.1187
7	-0.6807	58	-0.9567	112	-0.0707
8	-0.5817	59	-0.9437	113	-0.0997
9	-0.4757	60	-0.9107	114	0.1103
10	-0.4287	61	-0.8467	115	0.1103
11	-0.3787	62	-0.8097	116	0.1133
12	-0.3567	63	-0.7587	117	0.1093
13	-0.3807	64	-0.7167	118	0.1133
14	-0.4817	65	-0.7107	119	0.1123
15	-0.5417	66	-0.8057	120	0.0433
16	-1.7797	67	-0.8247	121	0.1143
17	-1.9787	68	-0.8017	122	0.1123
18	-1.9217	69	-0.7607	123	0.1103
19	-1.4817	70	-0.7527	124	-0.0547
20	-0.8457	71	-0.7247	125	-0.0787
21	-0.4577	72	-0.7107	126	-0.0587
22	-0.3447	73	-0.6867	127	-0.0667
23	-0.2887	74	-0.6547	128	-0.0587
24	-0.2807	75	-0.7087	129	0.0463
25	-0.3097	76	-0.7137	135	-0.0177
26	-0.3657	77	-0.6877	136	-0.0747
27	-0.4437	78	-0.6797	137	-0.0257
28	-0.5647	79	-0.6637	138	0.0983
29	-0.5857	80	-0.6377	139	0.0803
30	-1.8397	81	-0.6217	140	0.0993
32	-1.9587	82	-0.5947	141	0.1513
33	-1.9197	83	-0.5857	142	0.1283
34	-1.4167	84	-0.6627	143	0.1463
35	-0.4527	85	-0.6467	145	-0.0847
36	-0.0797	86	-0.6327	147	0.1183
37	-0.1447	87	-0.6207	151	-0.0527
38	-0.3197	88	-0.5977	152	-0.1297
39	-0.4667	89	-0.5947	153	-0.1817
40	-0.5277	90	-0.5977	154	-0.2217
41	-0.6127	91	-0.6027	155	-0.0527
42	-0.5757	92	-0.6087	156	-0.1177
43	-1.2497	93	-0.5957	157	-0.1827
44	-1.2627	94	-0.5797	158	0.0523
45	-1.2577	95	-0.5817	159	-0.0587
46	-1.2567	96	0.2703	160	-0.1197
47	-1.1997	97	-0.4807	161	-0.1867
48	-0.9837	98	0.3343	162	0.1123
49	-0.9097	99	0.2133	163	0.0253
50	-0.8687	100	-0.2837	164	0.0753
51	-0.8037	101	-0.6337	165	-0.1387

ORF	CP	ORF	CP	ORF	CP
166	0.2143	217	-0.1247	268	-0.3707
167	0.0713	218	-0.1017	269	-0.1687
168	0.0433	219	-0.0877	270	-0.1317
169	-0.0577	220	-0.1037	271	-0.5347
170	0.1123	221	-0.2987	272	-0.3677
171	-0.0637	222	-0.2207	273	-0.1177
172	-0.1787	223	0.0403	274	-0.1157
173	-0.1147	224	0.1523	275	0.0703
174	-0.1717	225	-0.0107	276	-0.4807
175	-0.2607	226	-0.1617	277	-0.5467
176	-0.2627	227	-0.6137	278	-1.4857
177	-0.2037	228	-0.5847	279	-1.3457
178	-0.1907	229	-0.5187	280	-1.3467
179	-0.1487	230	-0.3437	281	-1.2647
180	-0.2227	231	-0.1917	282	-0.9107
181	-0.0527	232	-0.1537	283	-0.7417
182	0.0353	233	-0.1437	284	-0.4057
183	0.1743	234	-0.1257	285	-0.3147
184	0.3153	235	-0.1867	286	-0.5797
185	0.3563	236	-0.1097	287	-0.3457
186	0.3763	237	0.0183	288	-0.1107
187	0.3793	238	-0.0087	289	-0.0987
188	0.3983	239	-0.0417	290	-0.1717
189	0.4213	240	-0.1607	291	-0.9857
190	0.4743	241	-1.0437	292	0.0693
191	-0.2207	242	-0.8857	325	0.0683
192	-0.2167	244	-0.4497	326	0.0713
193	-0.2167	245	-0.3197	327	0.0683
194	-0.2217	246	-0.2577	328	0.0693
195	-0.2217	247	-0.2047	329	0.0693
196	-0.2287	248	-0.1607	330	0.0693
197	-0.2167	249	-0.1357	331	0.0713
198	-0.2277	250	0.1113	332	0.0693
199	-0.2147	251	-0.2437	333	0.0713
200	-0.2377	252	-0.2107	334	0.0703
201	-0.2287	253	-0.0417	335	0.0703
202	-0.2147	254	-0.2467	336	0.0703
203	-0.2167	255	-1.4407	337	0.0693
204	-0.2287	256	-1.3867	338	0.0703
205	-0.0807	257	-1.3407	339	0.0693
206	0.1473	258	-1.1587	340	0.0703
207	-0.0347	259	-0.8467	341	0.0713
208	-0.0367	260	-0.6207	350	0.1123
210	0.0453	261	-0.3707	351	0.1123
211	0.0393	262	-0.2767	352	0.1103
212	-0.0947	263	-0.4497	353	0.1113
213	-0.6827	264	-0.3337	354	0.1123
214	-0.4697	265	-0.2117	355	0.1123
215	-0.3637	266	-0.1607		
216	-0.2077	267	-0.4897		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1114
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 546.
TUNNEL STAGNATION PRESSURE(PSF) = 2220.
TUNNEL STATIC PRESSURE(PSF) = 1605.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.02
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0186
247	-0.0196
347	-0.0196
447	-0.0196
547	-0.0196
647	-0.0206
747	-0.0196

ORF	CP	ORF	CP	ORF	CP
1	-1.3326	52	-0.3246	102	-0.5126
2	-1.3936	53	-0.5746	103	-0.7756
3	-1.0466	54	-0.5026	104	-0.7616
4	-0.8556	55	-0.9946	105	-0.5116
5	-0.7176	56	-1.0316	110	-0.1196
6	-0.6006	57	-1.0306	111	-0.1536
7	-0.5046	58	-1.1216	112	-0.1026
8	-0.4396	59	-1.0906	113	-0.1406
9	-0.3766	60	-0.9746	114	0.0644
10	-0.3366	61	-0.8666	115	0.0634
11	-0.3146	62	-0.8096	116	0.0614
12	-0.3016	63	-0.7506	117	0.0614
13	-0.3236	64	-0.7006	118	0.0624
14	-0.4316	65	-0.6636	119	0.0624
15	-0.4946	66	-0.7496	120	-0.0226
16	-1.6556	67	-0.7926	121	0.0594
17	-1.7586	68	-0.7976	122	0.0624
18	-1.7396	69	-0.8286	123	0.0634
19	-1.3426	70	-0.8426	124	-0.0786
20	-0.6446	71	-0.8206	125	-0.1096
21	-0.3166	72	-0.7786	126	-0.0896
22	-0.2686	73	-0.7216	127	-0.0966
23	-0.2586	74	-0.6516	128	-0.1106
24	-0.2536	75	-0.7216	129	-0.0236
25	-0.2626	76	-0.7356	135	-0.0476
26	-0.2766	77	-0.7146	136	-0.1006
27	-0.3296	78	-0.6726	137	-0.0636
28	-0.4616	79	-0.6316	138	0.0584
29	-0.5266	80	-0.6126	139	0.0544
30	-1.7376	81	-0.5736	140	0.0554
32	-1.7916	82	-0.5576	141	0.0954
33	-1.6616	83	-0.5596	142	0.0784
34	-1.0596	84	-0.6416	143	0.0894
35	-0.2916	85	-0.6166	145	-0.0986
36	-0.1176	86	-0.5726	147	0.0694
37	-0.1216	87	-0.5516	151	-0.0456
38	-0.1516	88	-0.5426	152	-0.1296
39	-0.2006	89	-0.5106	153	-0.1776
40	-0.2826	90	-0.5426	154	-0.2226
41	-0.4546	91	-0.5366	155	-0.0126
42	-0.5216	92	-0.5366	156	-0.0936
43	-1.3666	93	-0.5166	157	-0.1836
44	-1.4496	94	-0.5136	158	0.0934
45	-1.6636	95	-0.4996	159	-0.0206
46	-1.9036	96	0.1874	160	-0.0916
47	-1.7806	97	-0.5056	161	-0.1636
48	-1.0456	98	0.2944	162	0.2044
49	-0.4016	99	0.1764	163	0.0884
50	-0.2096	100	-0.2816	164	0.0494
51	-0.2126	101	-0.5936	165	-0.1036

ORF	CP	ORF	CP	ORF	CP
166	0.3694	217	-0.1436	268	-0.3796
167	0.1814	218	-0.1226	269	-0.2096
168	0.1554	219	-0.1176	270	-0.1716
169	0.0194	220	-0.1286	271	-0.5456
170	0.2214	221	-0.3286	272	-0.3746
171	-0.0226	222	-0.2796	273	-0.1496
172	-0.1626	223	0.0164	274	-0.1596
173	-0.1056	224	0.1884	275	0.1034
174	-0.2156	225	0.0014	276	-0.3986
175	-0.2656	226	-0.1696	277	-0.5296
176	-0.2756	227	-0.7166	278	-1.5006
177	-0.1896	228	-0.6696	279	-1.3766
178	-0.1836	229	-0.5936	280	-1.3256
179	-0.1296	230	-0.4006	281	-1.1896
180	-0.2266	231	-0.2506	282	-0.8426
181	-0.0516	232	-0.2016	283	-0.6256
182	0.0604	233	-0.1796	284	-0.3726
183	0.2144	234	-0.1766	285	-0.3136
184	0.3874	235	-0.2356	286	-0.5826
185	0.4154	236	-0.1536	287	-0.3396
186	0.4424	237	0.0204	288	-0.1416
187	0.4574	238	-0.0346	289	-0.1396
188	0.4614	239	-0.0616	290	-0.1996
189	0.4854	240	-0.1956	291	-0.9646
190	0.4484	241	-0.9556	292	0.0054
191	-0.2206	242	-0.8076	325	0.0604
192	-0.2216	244	-0.4406	326	0.0644
193	-0.2186	245	-0.3316	327	0.0624
194	-0.2146	246	-0.2796	328	0.0624
195	-0.2316	247	-0.2226	329	0.0644
196	-0.2356	248	-0.1816	330	0.0644
197	-0.2236	249	-0.1626	331	0.0634
198	-0.2266	250	0.0594	332	0.0624
199	-0.2246	251	-0.2776	333	0.0634
200	-0.2286	252	-0.2546	334	0.0654
201	-0.2306	253	-0.0746	335	0.0634
202	-0.2226	254	-0.2736	336	0.0634
203	-0.2286	255	-1.4186	337	0.0624
204	-0.2366	256	-1.3896	338	0.0634
205	-0.0406	257	-1.3046	339	0.0634
206	0.1434	258	-1.0676	340	0.0624
207	0.0034	259	-0.7016	341	0.0644
208	0.0024	260	-0.5296	350	0.0614
210	0.0294	261	-0.3606	351	0.0624
211	0.0324	262	-0.2806	352	0.0594
212	-0.0766	263	-0.4316	353	0.0634
213	-0.6706	264	-0.3336	354	0.0604
214	-0.4556	265	-0.2466	355	0.0604
215	-0.3536	266	-0.2086		
216	-0.2026	267	-0.4786		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1115
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.701
TUNNEL DYNAMIC PRESSURE(PSF) = 551.
TUNNEL STAGNATION PRESSURE(PSF) = 2223.
TUNNEL STATIC PRESSURE(PSF) = 1601.
REYNOLDS NUMBER PER FOOT = 4.0250E 06
MODEL ANGLE OF ATTACK(DEG) = -8.11
FIN ANGLE(DEG) = 0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0136
247	-0.0136
347	-0.0136
447	-0.0136
547	-0.0006
647	-0.0026
747	-0.0036

ORF	CP	ORF	CP	ORF	CP
1	-0.8766	52	-0.3016	102	-0.4766
2	-1.0176	53	-0.5456	103	-0.6946
3	-0.7656	54	-0.4596	104	-0.6296
4	-0.5546	55	-0.9966	105	-0.4666
5	-0.4386	56	-1.0336	110	-0.0896
6	-0.3686	57	-1.0296	111	-0.1206
7	-0.3316	58	-0.9876	112	-0.0646
8	-0.2986	59	-0.9126	113	-0.1086
9	-0.2806	60	-0.7816	114	0.0704
10	-0.2646	61	-0.6056	115	0.0714
11	-0.2616	62	-0.4176	116	0.0724
12	-0.2756	63	-0.3626	117	0.0704
13	-0.3076	64	-0.4566	118	0.0694
14	-0.4366	65	-0.4696	119	0.0694
15	-0.4756	66	-0.8896	120	-0.0426
16	-1.1976	67	-0.9146	121	0.0684
17	-1.0776	68	-0.9226	122	0.0714
18	-0.8876	69	-0.9316	123	0.0694
19	-0.6076	70	-0.8976	124	-0.0276
20	-0.4036	71	-0.8336	125	-0.0556
21	-0.2896	72	-0.7676	126	-0.0376
22	-0.2556	73	-0.6856	127	-0.0416
23	-0.2476	74	-0.5866	128	-0.0176
24	-0.2456	75	-0.8066	129	-0.0556
25	-0.2536	76	-0.8006	135	-0.0056
26	-0.2776	77	-0.7946	136	-0.0376
27	-0.3286	78	-0.7786	137	-0.0126
28	-0.4746	79	-0.7376	138	0.0824
29	-0.4966	80	-0.6776	139	0.0824
30	-1.2916	81	-0.6116	140	0.0834
32	-0.9506	82	-0.5126	141	0.1034
33	-0.5156	83	-0.6156	142	0.0994
34	-0.3496	84	-0.6686	143	0.1024
35	-0.2746	85	-0.6316	145	-0.0386
36	-0.2496	86	-0.5856	147	0.0964
37	-0.2426	87	-0.5566	151	-0.0076
38	-0.2496	88	-0.4956	152	-0.1006
39	-0.2776	89	-0.4416	153	-0.1606
40	-0.3326	90	-0.5256	154	-0.1916
41	-0.4546	91	-0.4866	155	0.0464
42	-0.4856	92	-0.4606	156	-0.0326
43	-1.0886	93	-0.4316	157	-0.1236
44	-1.1626	94	-0.4096	158	0.1014
45	-1.2316	95	-0.3796	159	0.0224
46	-1.1026	96	0.0484	160	-0.0296
47	-0.6446	97	-0.5426	161	-0.1016
48	-0.3006	98	0.2014	162	0.1984
49	-0.2006	99	0.1234	163	0.1174
50	-0.1916	100	-0.3066	164	0.0754
51	-0.2356	101	-0.5496	165	-0.0766

ORF	CP	ORF	CP	ORF	CP
166	0.3214	217	-0.0816	268	-0.3496
167	0.2054	218	-0.0636	269	-0.1646
168	0.1714	219	-0.0696	270	-0.1426
169	0.0374	220	-0.0996	271	-0.5026
170	0.2614	221	-0.2706	272	-0.3776
171	0.0634	222	-0.2376	273	-0.1046
172	-0.1006	223	0.0404	274	-0.1176
173	-0.0486	224	0.1724	275	0.1464
174	-0.1416	225	0.0784	276	-0.1096
175	-0.2596	226	-0.0666	277	-0.3016
176	-0.2506	227	-0.7576	278	-1.2566
177	-0.1756	228	-0.6516	279	-1.1866
178	-0.1646	229	-0.5286	280	-1.0736
179	-0.0946	230	-0.3026	281	-0.8286
180	-0.2076	231	-0.1696	282	-0.5026
181	0.0464	232	-0.1346	283	-0.3676
182	0.1524	233	-0.1166	284	-0.2656
183	0.2404	234	-0.1266	285	-0.2726
184	0.4274	235	-0.1926	286	-0.5226
185	0.5094	236	-0.1046	287	-0.3756
186	0.6144	237	0.0674	288	-0.0996
187	0.7474	238	0.0324	289	-0.1106
188	0.8454	239	0.0664	290	-0.1796
189	0.9064	240	-0.0806	291	-0.8776
190	0.3954	241	-0.8646	292	-0.0276
191	-0.2066	242	-0.8076	325	0.0604
192	-0.1936	244	-0.4756	326	0.0614
193	-0.2066	245	-0.2956	327	0.0584
194	-0.2036	246	-0.2366	328	0.0584
195	-0.2106	247	-0.1916	329	0.0584
196	-0.2096	248	-0.1586	330	0.0594
197	-0.2076	249	-0.1406	331	0.0604
198	-0.2076	250	0.0704	332	0.0574
199	-0.1986	251	-0.2346	333	0.0584
200	-0.2176	252	-0.2136	334	0.0574
201	-0.2076	253	-0.0026	335	0.0584
202	-0.2086	254	-0.1936	336	0.0624
203	-0.2126	255	-1.1786	337	0.0604
204	-0.2076	256	-1.1156	338	0.0604
205	0.1064	257	-1.0136	339	0.0574
206	0.2004	258	-0.7246	340	0.0584
207	0.1494	259	-0.4346	341	0.0594
208	0.1424	260	-0.3396	350	0.0704
210	0.0904	261	-0.2526	351	0.0684
211	0.0854	262	-0.2276	352	0.0684
212	-0.0056	263	-0.3676	353	0.0694
213	-0.5206	264	-0.2856	354	0.0704
214	-0.3106	265	-0.1976	355	0.0704
215	-0.2216	266	-0.1746		
216	-0.1236	267	-0.4276		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1116
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.700
TUNNEL DYNAMIC PRESSURE(PSF) = 550.
TUNNEL STAGNATION PRESSURE(PSF) = 2223.
TUNNEL STATIC PRESSURE(PSF) = 1602.
REYNOLDS NUMBER PER FOOT = 4.0220E 06
MODEL ANGLE OF ATTACK(DEG) = -6.05
FIN ANGLE(DEG) = 0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0147
247	-0.0157
347	-0.0157
447	-0.0147
547	0.0073
647	0.0063
747	0.0073

ORF	CP	ORF	CP	ORF	CP
1	-0.5167	52	-0.3437	102	-0.4627
2	-0.7307	53	-0.6017	103	-0.6257
3	-0.6217	54	-0.4757	104	-0.5897
4	-0.4727	55	-0.8197	105	-0.4497
5	-0.3677	56	-0.8377	110	-0.0537
6	-0.3187	57	-0.7617	111	-0.0887
7	-0.2767	58	-0.6347	112	-0.0397
8	-0.2547	59	-0.4917	113	-0.0777
9	-0.2467	60	-0.3837	114	0.0863
10	-0.2377	61	-0.2877	115	0.0873
11	-0.2407	62	-0.2917	116	0.0873
12	-0.2487	63	-0.3577	117	0.0843
13	-0.2887	64	-0.5337	118	0.0843
14	-0.4217	65	-0.5137	119	0.0853
15	-0.4617	66	-0.7647	120	-0.0177
16	-0.9037	67	-0.7817	121	0.0823
17	-0.5967	68	-0.7607	122	0.0843
18	-0.4467	69	-0.6977	123	0.0853
19	-0.3627	70	-0.5957	124	0.0093
20	-0.3057	71	-0.4817	125	-0.0197
21	-0.2607	72	-0.4237	126	0.0023
22	-0.2347	73	-0.4257	127	-0.0117
23	-0.2327	74	-0.4807	128	-0.0547
24	-0.2317	75	-0.7207	129	-0.0197
25	-0.2387	76	-0.7387	135	0.0253
26	-0.2627	77	-0.7387	136	0.0013
27	-0.3147	78	-0.6927	137	0.0193
28	-0.4467	79	-0.5967	138	0.1133
29	-0.4727	80	-0.5077	139	0.1083
30	-1.1257	81	-0.4727	140	0.1083
32	-0.2817	82	-0.4367	141	0.1283
33	-0.2127	83	-0.6167	142	0.1273
34	-0.2227	84	-0.6937	143	0.1313
35	-0.2237	85	-0.6847	145	-0.0047
36	-0.2227	86	-0.6557	147	0.1233
37	-0.2297	87	-0.5977	151	-0.0037
38	-0.2487	88	-0.5267	152	-0.1157
39	-0.2807	89	-0.4357	153	-0.1567
40	-0.3247	90	-0.5537	154	-0.2067
41	-0.4457	91	-0.5097	155	0.0903
42	-0.4777	92	-0.5007	156	0.0043
43	-0.9467	93	-0.4797	157	-0.1047
44	-0.9737	94	-0.4507	158	0.1193
45	-0.8417	95	-0.3767	159	0.0793
46	-0.4567	96	-0.0067	160	0.0143
47	-0.2017	97	-0.5497	161	-0.0757
48	-0.1617	98	0.1463	162	0.1783
49	-0.1737	99	0.0813	163	0.1233
50	-0.2137	100	-0.3067	164	0.1043
51	-0.2687	101	-0.5357	165	-0.0667

ORF	CP	ORF	CP	ORF	CP
166	0.2783	217	-0.0477	268	-0.3077
167	0.1713	218	-0.0367	269	-0.1447
168	0.1423	219	-0.0477	270	-0.1027
169	0.0293	220	-0.0737	271	-0.4737
170	0.2053	221	-0.2217	272	-0.3537
171	0.0493	222	-0.2067	273	-0.0857
172	-0.0947	223	0.0803	274	-0.0967
173	-0.0287	224	0.1623	275	0.2213
174	-0.0897	225	0.1113	276	0.0413
175	-0.2217	226	-0.0327	277	-0.1697
176	-0.2367	227	-0.6407	278	-1.0667
177	-0.1917	228	-0.5257	279	-1.0327
178	-0.2257	229	-0.4037	280	-0.9047
179	-0.1087	230	-0.2107	281	-0.6567
180	-0.1937	231	-0.1237	282	-0.3657
181	0.1393	232	-0.0877	283	-0.2827
182	0.2353	233	-0.0837	284	-0.2097
183	0.2293	234	-0.0867	285	-0.2397
184	0.3773	235	-0.1487	286	-0.4987
185	0.4373	236	-0.0767	287	-0.3557
186	0.5273	237	0.0763	288	-0.0757
187	0.6353	238	0.0613	289	-0.0927
188	0.7533	239	0.1693	290	-0.1507
189	0.8513	240	0.0233	291	-0.8207
190	0.3663	241	-0.8667	292	-0.0267
191	-0.1877	242	-0.8147	325	0.0653
192	-0.1857	244	-0.4627	326	0.0633
193	-0.1837	245	-0.2377	327	0.0613
194	-0.1857	246	-0.1727	328	0.0603
195	-0.1957	247	-0.1307	329	0.0623
196	-0.1987	248	-0.1017	330	0.0593
197	-0.1857	249	-0.0927	331	0.0633
198	-0.1877	250	0.0823	332	0.0603
199	-0.1897	251	-0.2247	333	0.0603
200	-0.1977	252	-0.1937	334	0.0613
201	-0.1897	253	0.0913	335	0.0583
202	-0.1907	254	-0.1147	336	0.0613
203	-0.1877	255	-0.9927	337	0.0663
204	-0.1937	256	-0.9467	338	0.0633
205	0.1733	257	-0.8617	339	0.0613
206	0.2483	258	-0.5977	340	0.0623
207	0.2133	259	-0.3327	341	0.0633
208	0.2093	260	-0.2467	350	0.0833
210	0.1373	261	-0.1857	351	0.0863
211	0.1263	262	-0.1767	352	0.0833
212	0.0173	263	-0.3217	353	0.0843
213	-0.4517	264	-0.2497	354	0.0823
214	-0.2777	265	-0.1767	355	0.0823
215	-0.1947	266	-0.1447		
216	-0.0867	267	-0.3917		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1117
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 546.
TUNNEL STAGNATION PRESSURE(PSF) = 2223.
TUNNEL STATIC PRESSURE(PSF) = 1607.
REYNOLDS NUMBER PER FOOT = 4.0090E 06
MODEL ANGLE OF ATTACK(DEG) = -4.02
FIN ANGLE(DEG) = 0.10
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0272
247	-0.0282
347	-0.0272
447	-0.0262
547	-0.0262
647	-0.0272
747	-0.0272

ORF	CP	ORF	CP	ORF	CP
1	-0.2592	52	-0.3552	102	-0.4842
2	-0.5552	53	-0.6072	103	-0.6722
3	-0.5292	54	-0.5032	104	-0.6232
4	-0.3852	55	-0.6592	105	-0.5052
5	-0.2992	56	-0.5852	110	-0.0932
6	-0.2572	57	-0.3582	111	-0.1212
7	-0.2292	58	-0.1982	112	-0.0732
8	-0.2112	59	-0.1822	113	-0.1082
9	-0.2022	60	-0.2112	114	0.0438
10	-0.2052	61	-0.2492	115	0.0438
11	-0.2122	62	-0.3022	116	0.0418
12	-0.2272	63	-0.4052	117	0.0428
13	-0.2722	64	-0.6192	118	0.0438
14	-0.4152	65	-0.5722	119	0.0438
15	-0.4702	66	-0.6322	120	-0.0652
16	-0.4882	67	-0.6012	121	0.0428
17	-0.3542	68	-0.4642	122	0.0448
18	-0.3082	69	-0.2882	123	0.0438
19	-0.2692	70	-0.2362	124	-0.0342
20	-0.2412	71	-0.2462	125	-0.0552
21	-0.2202	72	-0.3062	126	-0.0282
22	-0.2092	73	-0.4292	127	-0.0432
23	-0.2022	74	-0.5242	128	-0.0592
24	-0.2072	75	-0.6242	129	-0.0632
25	-0.2182	76	-0.6122	135	-0.0042
26	-0.2462	77	-0.4942	136	-0.0212
27	-0.3122	78	-0.3482	137	-0.0102
28	-0.4482	79	-0.2742	138	0.0798
29	-0.4922	80	-0.3102	139	0.0768
30	-0.7562	81	-0.4392	140	0.0778
32	-0.1952	82	-0.4732	141	0.0888
33	-0.1982	83	-0.5332	142	0.0848
34	-0.1892	84	-0.5842	143	0.0908
35	-0.1922	85	-0.4842	145	-0.0262
36	-0.1952	86	-0.3622	147	0.0838
37	-0.2032	87	-0.3182	151	0.0028
38	-0.2232	88	-0.3752	152	-0.1242
39	-0.2602	89	-0.4162	153	-0.1632
40	-0.3212	90	-0.5272	154	-0.2132
41	-0.4642	91	-0.5102	155	0.1078
42	-0.5032	92	-0.4722	156	0.0548
43	-0.7242	93	-0.3802	157	-0.0872
44	-0.5302	94	-0.3582	158	0.1788
45	-0.2312	95	-0.3472	159	0.1158
46	-0.1402	96	-0.0872	160	0.0458
47	-0.1542	97	-0.5912	161	-0.0502
48	-0.1772	98	0.0728	162	0.1868
49	-0.2032	99	-0.0002	163	0.1268
50	-0.2282	100	-0.3502	164	0.0728
51	-0.2772	101	-0.5562	165	-0.0762

ORF	CP	ORF	CP	ORF	CP
166	0.2768	217	-0.0892	268	-0.3272
167	0.1568	218	-0.0852	269	-0.1762
168	0.1218	219	-0.0902	270	-0.1362
169	0.0158	220	-0.1112	271	-0.5232
170	0.2288	221	-0.2362	272	-0.3672
171	0.0238	222	-0.2512	273	-0.1122
172	-0.1112	223	0.0658	274	-0.1312
173	-0.0462	224	0.1278	275	0.2238
174	-0.1042	225	0.0758	276	0.0858
175	-0.2292	226	-0.0712	277	-0.1242
176	-0.2332	227	-0.6032	278	-0.9722
177	-0.1982	228	-0.5092	279	-0.9552
178	-0.2952	229	-0.4072	280	-0.8522
179	-0.1822	230	-0.2312	281	-0.5812
180	-0.2072	231	-0.1472	282	-0.3252
181	0.2178	232	-0.1202	283	-0.2542
182	0.3068	233	-0.1092	284	-0.2012
183	0.2548	234	-0.1152	285	-0.2442
184	0.4198	235	-0.1712	286	-0.5302
185	0.4578	236	-0.1092	287	-0.3962
186	0.4918	237	0.0348	288	-0.1262
187	0.5658	238	0.0058	289	-0.1322
188	0.6498	239	0.1438	290	-0.1792
189	0.7288	240	0.0008	291	-0.8182
190	0.2988	241	-0.8542	292	-0.1052
191	-0.1982	242	-0.7862	325	0.0428
192	-0.1892	244	-0.4052	326	0.0448
193	-0.1912	245	-0.2192	327	0.0428
194	-0.1912	246	-0.1722	328	0.0428
195	-0.1912	247	-0.1372	329	0.0428
196	-0.2042	248	-0.1162	330	0.0428
197	-0.1952	249	-0.1152	331	0.0448
198	-0.1972	250	0.0438	332	0.0428
199	-0.2032	251	-0.2632	333	0.0418
200	-0.2002	252	-0.2302	334	0.0408
201	-0.1962	253	0.1268	335	0.0408
202	-0.1982	254	-0.0842	336	0.0438
203	-0.1972	255	-0.9092	337	0.0438
204	-0.1972	256	-0.8762	338	0.0458
205	0.1638	257	-0.8242	339	0.0448
206	0.2198	258	-0.5972	340	0.0448
207	0.2018	259	-0.2992	341	0.0428
208	0.1988	260	-0.2132	350	0.0418
210	0.1528	261	-0.1892	351	0.0428
211	0.0978	262	-0.1852	352	0.0428
212	-0.0152	263	-0.3462	353	0.0418
213	-0.5772	264	-0.2702	354	0.0438
214	-0.3862	265	-0.2072	355	0.0448
215	-0.2822	266	-0.1812		
216	-0.1442	267	-0.4092		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1118
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 546.
TUNNEL STAGNATION PRESSURE(PSF) = 2223.
TUNNEL STATIC PRESSURE(PSF) = 1607.
REYNOLDS NUMBER PER FOOT = 4.0090E 06
MODEL ANGLE OF ATTACK(DEG) = -1.95
FIN ANGLE(DEG) = 0.04
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0262
247	-0.0282
347	-0.0282
447	-0.0272
547	-0.0322
647	-0.0332
747	-0.0332

ORF	CP	ORF	CP	ORF	CP
1	-0.1232	52	-0.3352	102	-0.5232
2	-0.4442	53	-0.5872	103	-0.6812
3	-0.4302	54	-0.5042	104	-0.6252
4	-0.3022	55	-0.1552	105	-0.5272
5	-0.2222	56	-0.1172	110	-0.0982
6	-0.1832	57	-0.1202	111	-0.1192
7	-0.1622	58	-0.1432	112	-0.0772
8	-0.1562	59	-0.1612	113	-0.1042
9	-0.1532	60	-0.1892	114	0.0388
10	-0.1522	61	-0.2282	115	0.0378
11	-0.1662	62	-0.2822	116	0.0348
12	-0.1922	63	-0.3902	117	0.0348
13	-0.2382	64	-0.6262	118	0.0338
14	-0.4132	65	-0.5692	119	0.0398
15	-0.4802	66	-0.2002	120	-0.0792
16	-0.2462	67	-0.1272	121	0.0378
17	-0.2492	68	-0.1472	122	0.0338
18	-0.2092	69	-0.1712	123	0.0348
19	-0.1782	70	-0.2072	124	-0.0352
20	-0.1582	71	-0.2372	125	-0.0562
21	-0.1522	72	-0.3012	126	-0.0302
22	-0.1452	73	-0.4342	127	-0.0462
23	-0.1482	74	-0.5302	128	-0.0582
24	-0.1612	75	-0.2132	129	-0.0792
25	-0.1722	76	-0.1432	135	-0.0092
26	-0.2062	77	-0.1772	136	-0.0242
27	-0.2752	78	-0.2012	137	-0.0082
28	-0.4352	79	-0.2392	138	0.0798
29	-0.4962	80	-0.3122	139	0.0728
30	-0.1732	81	-0.4752	140	0.0768
32	-0.1402	82	-0.4792	141	0.0838
33	-0.1342	83	-0.2042	142	0.0818
34	-0.1332	84	-0.1692	143	0.0828
35	-0.1372	85	-0.1902	145	-0.0252
36	-0.1382	86	-0.2232	147	0.0828
37	-0.1532	87	-0.2762	151	-0.0162
38	-0.1812	88	-0.4012	152	-0.1272
39	-0.2172	89	-0.4432	153	-0.1912
40	-0.2882	90	-0.2102	154	-0.2472
41	-0.4382	91	-0.1772	155	0.1918
42	-0.4982	92	-0.2022	156	0.0818
43	-0.1612	93	-0.2422	157	-0.0772
44	-0.1172	94	-0.3192	158	0.2858
45	-0.1232	95	-0.3652	159	0.2068
46	-0.1242	96	-0.2032	160	0.1288
47	-0.1322	97	-0.6072	161	-0.0052
48	-0.1492	98	-0.0062	162	0.2478
49	-0.1712	99	-0.0662	163	0.1958
50	-0.2102	100	-0.3602	164	0.0728
51	-0.2572	101	-0.6022	165	-0.0502

ORF	CP	ORF	CP	ORF	CP
166	0.3508	217	-0.1122	268	-0.2792
167	0.2028	218	-0.0932	269	-0.1542
168	0.1548	219	-0.0882	270	-0.1312
169	0.0168	220	-0.1062	271	-0.5512
170	0.2938	221	-0.2332	272	-0.3282
171	0.0498	222	-0.2692	273	-0.1332
172	-0.1042	223	0.0738	274	-0.1762
173	-0.0482	224	0.1608	275	0.2558
174	-0.1042	225	0.1128	276	0.1788
175	-0.2602	226	-0.0622	277	-0.0412
176	-0.2442	227	-0.6552	278	-0.8972
177	-0.2112	228	-0.5802	279	-0.8842
178	-0.3382	229	-0.4912	280	-0.7882
179	-0.2112	230	-0.2722	281	-0.5082
180	-0.2172	231	-0.1472	282	-0.2292
181	0.2818	232	-0.1172	283	-0.1742
182	0.3748	233	-0.1072	284	-0.1502
183	0.3818	234	-0.1092	285	-0.2102
184	0.5668	235	-0.1762	286	-0.5792
185	0.5978	236	-0.1092	287	-0.4112
186	0.5978	237	0.0648	288	-0.1702
187	0.6238	238	0.0098	289	-0.1542
188	0.6598	239	0.1458	290	-0.1852
189	0.7068	240	-0.0012	291	-0.7442
190	0.2798	241	-0.7162	292	-0.1272
191	-0.1972	242	-0.6692	325	0.0398
192	-0.1952	244	-0.3212	326	0.0408
193	-0.1932	245	-0.1732	327	0.0398
194	-0.1972	246	-0.1422	328	0.0398
195	-0.1992	247	-0.1232	329	0.0398
196	-0.2052	248	-0.1042	330	0.0378
197	-0.1982	249	-0.1102	331	0.0398
198	-0.1992	250	0.0348	332	0.0398
199	-0.1972	251	-0.2552	333	0.0378
200	-0.2022	252	-0.2372	334	0.0388
201	-0.1962	253	0.1698	335	0.0378
202	-0.1952	254	-0.0252	336	0.0398
203	-0.1922	255	-0.8352	337	0.0408
204	-0.1982	256	-0.8172	338	0.0408
205	0.1698	257	-0.7552	339	0.0408
206	0.2098	258	-0.5362	340	0.0418
207	0.1978	259	-0.2362	341	0.0408
208	0.1988	260	-0.1582	350	0.0358
210	0.2038	261	-0.1412	351	0.0348
211	0.1588	262	-0.1442	352	0.0338
212	0.0018	263	-0.3342	353	0.0338
213	-0.7522	264	-0.2462	354	0.0358
214	-0.5802	265	-0.1862	355	0.0358
215	-0.4422	266	-0.1652		
216	-0.2052	267	-0.4132		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1119
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 547.
TUNNEL STAGNATION PRESSURE(PSF) = 2224.
TUNNEL STATIC PRESSURE(PSF) = 1607.
REYNOLDS NUMBER PER FOOT = 4.0120E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = 0.10
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0238
247	-0.0258
347	-0.0248
447	-0.0248
547	-0.0218
647	-0.0228
747	-0.0228

ORF	CP	ORF	CP	ORF	CP
1	-0.0598	52	-0.2958	102	-0.5133
2	-0.3528	53	-0.5628	103	-0.6528
3	-0.3288	54	-0.4838	104	-0.6108
4	-0.2048	55	0.0212	105	-0.5128
5	-0.1338	56	-0.0078	110	-0.0858
6	-0.1028	57	-0.0298	111	-0.1008
7	-0.0958	58	-0.0598	112	-0.0658
8	-0.0928	59	-0.0928	113	-0.0888
9	-0.0928	60	-0.1208	114	0.0232
10	-0.1088	61	-0.1658	115	0.0252
11	-0.1218	62	-0.2368	116	0.0242
12	-0.1528	63	-0.3448	117	0.0212
13	-0.2008	64	-0.5888	118	0.0232
14	-0.3858	65	-0.5358	119	0.0242
15	-0.4598	66	0.0032	120	-0.0728
16	-0.1258	67	-0.0308	121	0.0232
17	-0.1278	68	-0.0588	122	0.0242
18	-0.1108	69	-0.1028	123	0.0232
19	-0.0898	70	-0.1338	124	-0.0228
20	-0.0858	71	-0.1848	125	-0.0488
21	-0.0758	72	-0.2558	126	-0.0218
22	-0.0798	73	-0.3938	127	-0.0378
23	-0.0948	74	-0.4978	128	-0.0858
24	-0.1068	75	-0.0148	129	-0.0698
25	-0.1278	76	-0.0528	135	0.0032
26	-0.1678	77	-0.1048	136	-0.0088
27	-0.2308	78	-0.1468	137	0.0002
28	-0.4028	79	-0.1948	138	0.0892
29	-0.4838	80	-0.2758	139	0.0822
30	-0.0388	81	-0.4488	140	0.0862
32	-0.0508	82	-0.4538	141	0.0942
33	-0.0488	83	-0.0258	142	0.0952
34	-0.0658	84	-0.0838	143	0.0942
35	-0.0798	85	-0.1278	145	-0.0088
36	-0.0798	86	-0.1798	147	0.0972
37	-0.1058	87	-0.2378	151	-0.0178
38	-0.1358	88	-0.3708	152	-0.1248
39	-0.1768	89	-0.4188	153	-0.2148
40	-0.2518	90	-0.0958	154	-0.2448
41	-0.3978	91	-0.1328	155	0.2302
42	-0.4828	92	-0.1738	156	0.1132
43	0.0082	93	-0.2118	157	-0.0528
44	-0.0098	94	-0.2968	158	0.3792
45	-0.0268	95	-0.3398	159	0.2742
46	-0.0458	96	-0.3158	160	0.2002
47	-0.0608	97	-0.6358	161	0.0472
48	-0.0808	98	-0.0668	162	0.3182
49	-0.1168	99	-0.1198	163	0.2862
50	-0.1488	100	-0.3288	164	0.0822
51	-0.2088	101	-0.5898	165	-0.0138

ORF	CP	ORF	CP	ORF	CP
166	0.3732	217	-0.1338	268	-0.2798
167	0.2802	218	-0.0968	269	-0.1458
168	0.2112	219	-0.0858	270	-0.1198
169	0.0562	220	-0.0978	271	-0.5448
170	0.2692	221	-0.1958	272	-0.3098
171	0.1282	222	-0.2538	273	-0.1148
172	-0.0848	223	0.0882	274	-0.1428
173	-0.0048	224	0.1622	275	0.2722
174	-0.0978	225	0.1842	276	0.2122
175	-0.2608	226	-0.0118	277	0.0182
176	-0.2638	227	-0.7358	278	-0.7968
177	-0.2078	228	-0.6898	279	-0.7798
178	-0.3738	229	-0.5908	280	-0.6788
179	-0.2628	230	-0.3378	281	-0.3628
180	-0.2148	231	-0.1428	282	-0.1438
181	0.3242	232	-0.1028	283	-0.1078
182	0.4292	233	-0.0858	284	-0.0948
183	0.4572	234	-0.0878	285	-0.1678
184	0.6562	235	-0.1648	286	-0.5868
185	0.7092	236	-0.0868	287	-0.4298
186	0.7752	237	0.1152	288	-0.1548
187	0.8312	238	0.0772	289	-0.1518
188	0.8852	239	0.1572	290	-0.1708
189	0.9252	240	0.0222	291	-0.5908
190	0.2612	241	-0.6258	292	-0.1278
191	-0.1978	242	-0.6098	325	0.0182
192	-0.1888	244	-0.2718	326	0.0232
193	-0.1848	245	-0.1488	327	0.0202
194	-0.1948	246	-0.1188	328	0.0222
195	-0.1918	247	-0.1018	329	0.0212
196	-0.1968	248	-0.0888	330	0.0212
197	-0.1908	249	-0.0998	331	0.0222
198	-0.1898	250	0.0252	332	0.0202
199	-0.1858	251	-0.2378	333	0.0222
200	-0.2008	252	-0.2158	334	0.0202
201	-0.1878	253	0.1602	335	0.0192
202	-0.1908	254	-0.0158	336	0.0212
203	-0.1918	255	-0.7408	337	0.0192
204	-0.1868	256	-0.7088	338	0.0232
205	0.1642	257	-0.6528	339	0.0192
206	0.1942	258	-0.3788	340	0.0232
207	0.1872	259	-0.1568	341	0.0212
208	0.1912	260	-0.1058	350	0.0242
210	0.2532	261	-0.1008	351	0.0242
211	0.2152	262	-0.1128	352	0.0242
212	0.0252	263	-0.3108	353	0.0232
213	-0.8898	264	-0.2418	354	0.0232
214	-0.7018	265	-0.1728	355	0.0222
215	-0.5648	266	-0.1538		
216	-0.2928	267	-0.3778		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1121
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.696
TUNNEL DYNAMIC PRESSURE(PSF) = 546.
TUNNEL STAGNATION PRESSURE(PSF) = 2225.
TUNNEL STATIC PRESSURE(PSF) = 1609.
REYNOLDS NUMBER PER FOOT = 4.0100E 06
MODEL ANGLE OF ATTACK(DEG) = 2.07
FIN ANGLE(DEG) = 0.10
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0309
247	-0.0329
347	-0.0319
447	-0.0309
547	-0.0349
647	-0.0359
747	-0.0359

ORF	CP	ORF	CP	ORF	CP
1	-0.0159	52	-0.2559	102	-0.5099
2	-0.2399	53	-0.5199	103	-0.6639
3	-0.1979	54	-0.4589	104	-0.6209
4	-0.1109	55	0.1321	105	-0.5129
5	-0.0689	56	0.0871	110	-0.0879
6	-0.0619	57	0.0591	111	-0.1029
7	-0.0539	58	0.0071	112	-0.0659
8	-0.0519	59	-0.0309	113	-0.0919
9	-0.0649	60	-0.0659	114	0.0371
10	-0.0779	61	-0.1229	115	0.0411
11	-0.0959	62	-0.1919	116	0.0371
12	-0.1259	63	-0.3109	117	0.0361
13	-0.1759	64	-0.5579	118	0.0391
14	-0.3569	65	-0.5199	119	0.0391
15	-0.4249	66	0.1151	120	-0.0779
16	-0.0209	67	0.0591	121	0.0391
17	-0.0349	68	0.0111	122	0.0401
18	-0.0289	69	-0.0369	123	0.0401
19	-0.0209	70	-0.0799	124	-0.0369
20	-0.0259	71	-0.1299	125	-0.0549
21	-0.0319	72	-0.2079	126	-0.0329
22	-0.0459	73	-0.3519	127	-0.0469
23	-0.0559	74	-0.4789	128	-0.0849
24	-0.0689	75	0.1011	129	-0.0819
25	-0.0939	76	0.0401	135	-0.0019
26	-0.1369	77	-0.0219	136	-0.0119
27	-0.2019	78	-0.0779	137	-0.0019
28	-0.3689	79	-0.1459	138	0.0781
29	-0.4519	80	-0.2259	139	0.0791
30	0.0671	81	-0.4129	140	0.0821
32	0.0271	82	-0.4359	141	0.0941
33	0.0121	83	0.0661	142	0.0961
34	-0.0059	84	-0.0119	143	0.0901
35	-0.0209	85	-0.0779	145	-0.0159
36	-0.0369	86	-0.1399	147	0.0931
37	-0.0569	87	-0.2079	151	-0.0309
38	-0.0909	88	-0.3389	152	-0.1059
39	-0.1399	89	-0.3979	153	-0.2329
40	-0.2079	90	-0.0329	154	-0.2399
41	-0.3599	91	-0.1219	155	0.2671
42	-0.4489	92	-0.1649	156	0.1141
43	0.1211	93	-0.2069	157	-0.0549
44	0.0831	94	-0.2809	158	0.4701
45	0.0481	95	-0.3189	159	0.2991
46	0.0221	96	-0.4129	160	0.2171
47	-0.0029	97	-0.6349	161	0.0691
48	-0.0339	98	-0.1499	162	0.3341
49	-0.0659	99	-0.1929	163	0.3001
50	-0.1049	100	-0.3499	164	0.0771
51	-0.1699	101	-0.5869	165	0.0011

ORF	CP	ORF	CP	ORF	CP
166	0.3481	217	-0.1939	268	-0.2689
167	0.3131	218	-0.1349	269	-0.1589
168	0.2391	219	-0.1009	270	-0.1239
169	0.0641	220	-0.1019	271	-0.5239
170	0.2591	221	-0.1819	272	-0.3119
171	0.1611	222	-0.2509	273	-0.1239
172	-0.0679	223	0.1141	274	-0.1509
173	0.0561	224	0.2231	275	0.2551
174	-0.0759	225	0.2221	276	0.1941
175	-0.1959	226	0.0041	277	0.0321
176	-0.2719	227	-0.8249	278	-0.6439
177	-0.2129	228	-0.8029	279	-0.6469
178	-0.3669	229	-0.7439	280	-0.5119
179	-0.1769	230	-0.5219	281	-0.2149
180	-0.2199	231	-0.1849	282	-0.0699
181	0.3501	232	-0.1139	283	-0.0669
182	0.4671	233	-0.0869	284	-0.0639
183	0.4441	234	-0.0819	285	-0.1489
184	0.6431	235	-0.1559	286	-0.5619
185	0.7501	236	-0.0739	287	-0.4009
186	0.8701	237	0.1401	288	-0.1519
187	0.9731	238	0.1431	289	-0.1429
188	1.0111	239	0.1811	290	-0.1759
189	1.0421	240	0.0391	291	-0.4939
190	0.2221	241	-0.7099	292	-0.1569
191	-0.1929	242	-0.6619	325	0.0421
192	-0.1749	244	-0.2989	326	0.0431
193	-0.1769	245	-0.1549	327	0.0451
194	-0.1809	246	-0.1169	328	0.0451
195	-0.1899	247	-0.0929	329	0.0451
196	-0.1909	248	-0.0749	330	0.0421
197	-0.1789	249	-0.0839	331	0.0411
198	-0.1799	250	0.0391	332	0.0431
199	-0.1769	251	-0.2289	333	0.0431
200	-0.1959	252	-0.2009	334	0.0431
201	-0.1789	253	0.1411	335	0.0411
202	-0.1769	254	-0.0289	336	0.0411
203	-0.1729	255	-0.6429	337	0.0431
204	-0.1789	256	-0.5919	338	0.0431
205	0.1461	257	-0.5059	339	0.0451
206	0.1691	258	-0.2659	340	0.0451
207	0.1701	259	-0.1229	341	0.0461
208	0.1681	260	-0.0939	350	0.0391
210	0.3011	261	-0.0919	351	0.0381
211	0.2331	262	-0.1059	352	0.0411
212	0.0211	263	-0.2929	353	0.0401
213	-1.0169	264	-0.2349	354	0.0391
214	-0.8529	265	-0.1779	355	0.0391
215	-0.7749	266	-0.1559		
216	-0.4489	267	-0.3509		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1122
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.696
TUNNEL DYNAMIC PRESSURE(PSF) = 547.
TUNNEL STAGNATION PRESSURE(PSF) = 2228.
TUNNEL STATIC PRESSURE(PSF) = 1612.
REYNOLDS NUMBER PER FOOT = 4.0150E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = 0.22
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0350
247	-0.0360
347	-0.0350
447	-0.0350
547	-0.0460
647	-0.0470
747	-0.0470

ORF	CP	ORF	CP	ORF	CP
1	0.0660	52	-0.2140	102	-0.4660
2	-0.1010	53	-0.4880	103	-0.6600
3	-0.0750	54	-0.4370	104	-0.6010
4	-0.0280	55	0.2340	105	-0.4880
5	-0.0090	56	0.1660	110	-0.1020
6	-0.0070	57	0.1220	111	-0.1150
7	-0.0060	58	0.0880	112	-0.0840
8	-0.0110	59	0.0360	113	-0.1040
9	-0.0160	60	-0.0110	114	0.0270
10	-0.0300	61	-0.0770	115	0.0270
11	-0.0590	62	-0.1500	116	0.0250
12	-0.0860	63	-0.2680	117	0.0250
13	-0.1430	64	-0.5190	118	0.0270
14	-0.3280	65	-0.5050	119	0.0260
15	-0.3910	66	0.2140	120	-0.1020
16	0.1010	67	0.1350	121	0.0250
17	0.0660	68	0.0810	122	0.0290
18	0.0550	69	0.0310	123	0.0270
19	0.0440	70	-0.0280	124	-0.0570
20	0.0280	71	-0.0870	125	-0.0870
21	0.0230	72	-0.1660	126	-0.0540
22	0.0120	73	-0.3070	127	-0.0690
23	-0.0040	74	-0.4620	128	-0.1440
24	-0.0290	75	0.1960	129	-0.1030
25	-0.0460	76	0.1070	135	-0.0220
26	-0.0870	77	0.0380	136	-0.0390
27	-0.1610	78	-0.0280	137	-0.0230
28	-0.3350	79	-0.0990	138	0.0690
29	-0.4160	80	-0.1910	139	0.0580
30	0.1820	81	-0.3720	140	0.0630
32	0.1070	82	-0.4150	141	0.0800
33	0.0830	83	0.1400	142	0.0820
34	0.0590	84	0.0450	143	0.0800
35	0.0390	85	-0.0280	145	-0.0350
36	0.0140	86	-0.1020	147	0.0780
37	-0.0080	87	-0.1780	151	-0.0070
38	-0.0460	88	-0.2990	152	-0.0750
39	-0.0900	89	-0.3750	153	-0.2080
40	-0.1660	90	0.0330	154	-0.2320
41	-0.3310	91	-0.0850	155	0.3110
42	-0.4280	92	-0.1480	156	0.1340
43	0.2210	93	-0.2030	157	-0.0430
44	0.1580	94	-0.2830	158	0.4690
45	0.1280	95	-0.3330	159	0.2950
46	0.0950	96	-0.4770	160	0.2340
47	0.0620	97	-0.6340	161	0.0790
48	0.0260	98	-0.3210	162	0.3230
49	-0.0150	99	-0.4840	163	0.2850
50	-0.0580	100	-0.3580	164	0.0580
51	-0.1230	101	-0.5490	165	0.0060

ORF	CP	ORF	CP	ORF	CP
166	0.2890	217	-0.2760	268	-0.3000
167	0.2680	218	-0.1890	269	-0.1820
168	0.2140	219	-0.1370	270	-0.1420
169	0.0480	220	-0.1280	271	-0.5100
170	0.2890	221	-0.2030	272	-0.3590
171	0.1440	222	-0.2650	273	-0.1470
172	-0.0700	223	0.1420	274	-0.1400
173	0.1020	224	0.1910	275	0.1910
174	-0.0570	225	0.2170	276	0.2060
175	-0.1730	226	-0.0110	277	0.0790
176	-0.2660	227	-0.8640	278	-0.5100
177	-0.1910	228	-0.8570	279	-0.4240
178	-0.3090	229	-0.8190	280	-0.2870
179	-0.1160	230	-0.6540	281	-0.0920
180	-0.2140	231	-0.2780	282	-0.0320
181	0.3220	232	-0.1560	283	-0.0360
182	0.4410	233	-0.1080	284	-0.0420
183	0.3640	234	-0.1010	285	-0.1290
184	0.5480	235	-0.1650	286	-0.5470
185	0.6820	236	-0.0580	287	-0.4010
186	0.8460	237	0.1260	288	-0.1490
187	0.9770	238	0.1730	289	-0.1520
188	1.0490	239	0.1960	290	-0.1780
189	1.0900	240	0.0440	291	-0.4390
190	0.1510	241	-0.8350	292	-0.2330
191	-0.1850	242	-0.7770	325	0.0470
192	-0.1650	244	-0.3780	326	0.0430
193	-0.1720	245	-0.1890	327	0.0420
194	-0.1680	246	-0.1290	328	0.0420
195	-0.1820	247	-0.0950	329	0.0410
196	-0.1930	248	-0.0780	330	0.0430
197	-0.1660	249	-0.0800	331	0.0420
198	-0.1740	250	0.0230	332	0.0410
199	-0.1700	251	-0.2460	333	0.0400
200	-0.1890	252	-0.2150	334	0.0400
201	-0.1710	253	0.1730	335	0.0420
202	-0.1760	254	0.0080	336	0.0450
203	-0.1750	255	-0.6550	337	0.0460
204	-0.1740	256	-0.5550	338	0.0420
205	0.0980	257	-0.4320	339	0.0410
206	0.1110	258	-0.2190	340	0.0400
207	0.1160	259	-0.1100	341	0.0410
208	0.1250	260	-0.0720	350	0.0250
210	0.3190	261	-0.0760	351	0.0260
211	0.1760	262	-0.1020	352	0.0250
212	-0.0520	263	-0.3010	353	0.0250
213	-1.0610	264	-0.2620	354	0.0230
214	-0.9470	265	-0.2010	355	0.0240
215	-0.8620	266	-0.1830		
216	-0.5890	267	-0.3560		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1123
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.696
TUNNEL DYNAMIC PRESSURE(PSF) = 547.
TUNNEL STAGNATION PRESSURE(PSF) = 2228.
TUNNEL STATIC PRESSURE(PSF) = 1612.
REYNOLDS NUMBER PER FOOT = 4.0160E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = 0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0330
247	-0.0370
347	-0.0350
447	-0.0350
547	-0.0440
647	-0.0450
747	-0.0460

ORF	CP	ORF	CP	ORF	CP
1	0.1470	52	-0.1920	102	-0.4800
2	-0.0040	53	-0.4640	103	-0.6600
3	0.0190	54	-0.4270	104	-0.6000
4	0.0330	55	0.2980	105	-0.4810
5	0.0440	56	0.2160	110	-0.1060
6	0.0430	57	0.1700	111	-0.1200
7	0.0440	58	0.1240	112	-0.0870
8	0.0350	59	0.0750	113	-0.1050
9	0.0210	60	0.0230	114	0.0320
10	0.0030	61	-0.0400	115	0.0310
11	-0.0170	62	-0.1100	116	0.0330
12	-0.0540	63	-0.2390	117	0.0310
13	-0.1110	64	-0.4950	118	0.0310
14	-0.3120	65	-0.4820	119	0.0320
15	-0.3830	66	0.2850	120	-0.1070
16	0.2000	67	0.1950	121	0.0300
17	0.1500	68	0.1330	122	0.0300
18	0.1220	69	0.0630	123	0.0320
19	0.1100	70	0.0120	124	-0.0670
20	0.0860	71	-0.0470	125	-0.0910
21	0.0810	72	-0.1380	126	-0.0630
22	0.0570	73	-0.2890	127	-0.0730
23	0.0470	74	-0.4520	128	-0.1110
24	0.0190	75	0.2570	129	-0.1020
25	-0.0120	76	0.1530	135	-0.0260
26	-0.0620	77	0.0810	136	-0.0460
27	-0.1310	78	0.0050	137	-0.0270
28	-0.3130	79	-0.0670	138	0.0660
29	-0.4000	80	-0.1610	139	0.0540
30	0.2720	81	-0.3520	140	0.0610
32	0.1750	82	-0.3980	141	0.0960
33	0.1470	83	0.1920	142	0.0790
34	0.1150	84	0.1000	143	0.0840
35	0.0900	85	0.0090	145	-0.0490
36	0.0710	86	-0.0840	147	0.0770
37	0.0350	87	-0.1570	151	0.0230
38	-0.0050	88	-0.2830	152	-0.0710
39	-0.0570	89	-0.3590	153	-0.1910
40	-0.1390	90	0.0920	154	-0.2500
41	-0.3020	91	-0.0570	155	0.3160
42	-0.4030	92	-0.1300	156	0.1550
43	0.2980	93	-0.1940	157	-0.0420
44	0.2270	94	-0.2720	158	0.5220
45	0.1880	95	-0.3070	159	0.3140
46	0.1480	96	-0.5960	160	0.2470
47	0.1100	97	-0.6250	161	0.0900
48	0.0710	98	-0.8470	162	0.3640
49	0.0250	99	-0.7880	163	0.3260
50	-0.0230	100	-0.4710	164	0.0620
51	-0.0950	101	-0.5530	165	0.0100

ORF	CP	ORF	CP	ORF	CP
166	0.2810	217	-0.3610	268	-0.3110
167	0.2770	218	-0.2300	269	-0.1350
168	0.2280	219	-0.1390	270	-0.1440
169	0.0450	220	-0.1290	271	-0.5010
170	0.2980	221	-0.2070	272	-0.4010
171	0.0990	222	-0.2440	273	-0.1360
172	-0.0950	223	0.1720	274	-0.1310
173	0.0910	224	0.1990	275	0.1320
174	-0.0530	225	0.1760	276	0.2560
175	-0.2290	226	-0.0560	277	0.1470
176	-0.2810	227	-0.8590	278	-0.3770
177	-0.1760	228	-0.8640	279	-0.2460
178	-0.2910	229	-0.8480	280	-0.1130
179	-0.1000	230	-0.7240	281	-0.0070
180	-0.2390	231	-0.3480	282	0.0300
181	0.3400	232	-0.1840	283	0.0290
182	0.4640	233	-0.1280	284	0.0100
183	0.2320	234	-0.1000	285	-0.0940
184	0.3560	235	-0.1530	286	-0.5440
185	0.5300	236	-0.0400	287	-0.3970
186	0.8040	237	0.1410	288	-0.1160
187	1.0040	238	0.1720	289	-0.1350
188	1.0910	239	0.1990	290	-0.1830
189	1.1200	240	0.0410	291	-0.4660
190	0.0960	241	-0.8780	292	-0.2710
191	-0.1980	242	-0.8030	325	0.0400
192	-0.1780	244	-0.3920	326	0.0440
193	-0.1850	245	-0.1990	327	0.0450
194	-0.1710	246	-0.1250	328	0.0400
195	-0.1920	247	-0.0780	329	0.0400
196	-0.1940	248	-0.0530	330	0.0410
197	-0.1790	249	-0.0640	331	0.0420
198	-0.1800	250	0.0300	332	0.0430
199	-0.1830	251	-0.2400	333	0.0400
200	-0.1930	252	-0.2240	334	0.0400
201	-0.1850	253	0.2500	335	0.0380
202	-0.1850	254	0.0660	336	0.0410
203	-0.1890	255	-0.6670	337	0.0400
204	-0.1780	256	-0.6170	338	0.0440
205	0.0640	257	-0.5350	339	0.0450
206	0.0650	258	-0.2410	340	0.0410
207	0.0790	259	-0.0650	341	0.0410
208	0.0960	260	-0.0310	350	0.0330
210	0.3510	261	-0.0300	351	0.0310
211	0.1360	262	-0.0630	352	0.0330
212	-0.0670	263	-0.2920	353	0.0340
213	-1.0780	264	-0.2580	354	0.0300
214	-0.9820	265	-0.1950	355	0.0300
215	-0.9370	266	-0.1740		
216	-0.7060	267	-0.3600		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1124
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 548.
TUNNEL STAGNATION PRESSURE(PSF) = 2229.
TUNNEL STATIC PRESSURE(PSF) = 1611.
REYNOLDS NUMBER PER FOOT = 4.0170E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0358
247	-0.0368
347	-0.0348
447	-0.0338
547	-0.0238
647	-0.0238
747	-0.0238

ORF	CP	ORF	CP	ORF	CP
1	0.2372	52	-0.1568	102	-0.4788
2	0.0622	53	-0.4428	103	-0.6998
3	0.0742	54	-0.4088	104	-0.6348
4	0.0832	55	0.3622	105	-0.4718
5	0.0962	56	0.2722	110	-0.0858
6	0.0952	57	0.2162	111	-0.1038
7	0.0912	58	0.1642	112	-0.0748
8	0.0832	59	0.1192	113	-0.0948
9	0.0672	60	0.0692	114	0.0582
10	0.0522	61	-0.0028	115	0.0602
11	0.0232	62	-0.0868	116	0.0612
12	-0.0168	63	-0.2158	117	0.0572
13	-0.0748	64	-0.4758	118	0.0552
14	-0.2988	65	-0.4778	119	0.0562
15	-0.3768	66	0.3352	120	-0.0758
16	0.2702	67	0.2462	121	0.0562
17	0.2192	68	0.1752	122	0.0562
18	0.1942	69	0.1092	123	0.0552
19	0.1722	70	0.0492	124	-0.0558
20	0.1492	71	-0.0158	125	-0.0828
21	0.1342	72	-0.1098	126	-0.0538
22	0.1202	73	-0.2728	127	-0.0658
23	0.0912	74	-0.4538	128	-0.1678
24	0.0672	75	0.3102	129	-0.0768
25	0.0292	76	0.2042	135	-0.0178
26	-0.0178	77	0.1182	136	-0.0398
27	-0.1028	78	0.0402	137	-0.0188
28	-0.3018	79	-0.0398	138	0.0792
29	-0.3978	80	-0.1368	139	0.0662
30	0.3422	81	-0.3318	140	0.0802
32	0.2332	82	-0.3938	141	0.1252
33	0.2032	83	0.2422	142	0.1002
34	0.1702	84	0.1492	143	0.1092
35	0.1382	85	0.0452	145	-0.0438
36	0.1152	86	-0.0508	147	0.0962
37	0.0772	87	-0.1408	151	0.0402
38	0.0302	88	-0.2698	152	-0.0618
39	-0.0268	89	-0.3628	153	-0.1758
40	-0.1058	90	0.1392	154	-0.2528
41	-0.2888	91	-0.0178	155	0.3352
42	-0.4138	92	-0.1038	156	0.1852
43	0.3602	93	-0.1638	157	-0.0248
44	0.2862	94	-0.2398	158	0.5502
45	0.2362	95	-0.3138	159	0.3342
46	0.2002	96	-0.7788	160	0.2592
47	0.1592	97	-0.6628	161	0.0882
48	0.1142	98	-1.0488	162	0.4042
49	0.0652	99	-0.8378	163	0.3372
50	0.0152	100	-0.4218	164	0.0712
51	-0.0588	101	-0.5578	165	0.0112

ORF	CP	ORF	CP	ORF	CP
166	0.3032	217	-0.4658	268	-0.3128
167	0.2882	218	-0.2708	269	-0.1788
168	0.2262	219	-0.1318	270	-0.1238
169	0.0452	220	-0.1048	271	-0.4768
170	0.3322	221	-0.1818	272	-0.4098
171	0.0962	222	-0.2078	273	-0.1208
172	-0.1058	223	0.2152	274	-0.0948
173	0.1072	224	0.2482	275	0.1112
174	-0.0448	225	0.1662	276	0.3442
175	-0.2308	226	-0.0568	277	0.2482
176	-0.2988	227	-0.8468	278	-0.3828
177	-0.1628	228	-0.8548	279	-0.1848
178	-0.2758	229	-0.8518	280	-0.0508
179	-0.0788	230	-0.7968	281	0.0652
180	-0.2448	231	-0.4578	282	0.1082
181	0.3562	232	-0.2428	283	0.1002
182	0.4902	233	-0.1128	284	0.0742
183	0.2052	234	-0.0828	285	-0.0368
184	0.3602	235	-0.1218	286	-0.5328
185	0.4992	236	-0.0088	287	-0.4038
186	0.8082	237	0.1722	288	-0.0808
187	1.0252	238	0.2032	289	-0.1008
188	1.1192	239	0.1952	290	-0.1668
189	1.1322	240	0.0432	291	-0.5388
190	0.0822	241	-0.8928	292	-0.2698
191	-0.1998	242	-0.8248	325	0.0482
192	-0.1848	244	-0.4318	326	0.0482
193	-0.1788	245	-0.1868	327	0.0452
194	-0.1768	246	-0.1008	328	0.0452
195	-0.1968	247	-0.0458	329	0.0452
196	-0.2098	248	-0.0258	330	0.0442
197	-0.1968	249	-0.0288	331	0.0472
198	-0.1858	250	0.0562	332	0.0442
199	-0.1918	251	-0.2278	333	0.0432
200	-0.1938	252	-0.2048	334	0.0462
201	-0.1818	253	0.3312	335	0.0422
202	-0.1888	254	0.1222	336	0.0472
203	-0.1768	255	-0.6088	337	0.0492
204	-0.1818	256	-0.5838	338	0.0482
205	0.0472	257	-0.5108	339	0.0452
206	0.0402	258	-0.2518	340	0.0452
207	0.0492	259	-0.0348	341	0.0452
208	0.0932	260	0.0172	350	0.0572
210	0.4172	261	0.0132	351	0.0572
211	0.1322	262	-0.0228	352	0.0572
212	-0.0628	263	-0.2658	353	0.0582
213	-1.0628	264	-0.2488	354	0.0592
214	-0.9698	265	-0.1908	355	0.0592
215	-0.9398	266	-0.1558		
216	-0.8088	267	-0.3338		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1125
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.699
TUNNEL DYNAMIC PRESSURE(PSF) = 550.
TUNNEL STAGNATION PRESSURE(PSF) = 2229.
TUNNEL STATIC PRESSURE(PSF) = 1609.
REYNOLDS NUMBER PER FOOT = 4.0200E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = 0.22
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	-0.0285
247	-0.0295
347	-0.0295
447	-0.0295
547	-0.0345
647	-0.0345
747	-0.0355

ORF	CP	ORF	CP	ORF	CP
1	0.3805	52	-0.1145	102	-0.5215
2	0.1665	53	-0.4055	103	-0.8025
3	0.1965	54	-0.4075	104	-0.8045
4	0.2265	55	0.4545	105	-0.5155
5	0.2305	56	0.3795	110	-0.1125
6	0.2175	57	0.3185	111	-0.1295
7	0.2035	58	0.2455	112	-0.1075
8	0.1885	59	0.1935	113	-0.1385
9	0.1695	60	0.1325	114	0.0515
10	0.1375	61	0.0525	115	0.0515
11	0.1045	62	-0.0375	116	0.0535
12	0.0615	63	-0.1725	117	0.0555
13	-0.0145	64	-0.4585	118	0.0535
14	-0.2675	65	-0.4935	119	0.0535
15	-0.3655	66	0.4155	120	-0.0935
16	0.4065	67	0.3365	121	0.0535
17	0.3545	68	0.2645	122	0.0525
18	0.3265	69	0.1955	123	0.0485
19	0.2995	70	0.1185	124	-0.0995
20	0.2675	71	0.0355	125	-0.1295
21	0.2405	72	-0.0675	126	-0.1055
22	0.2155	73	-0.2365	127	-0.1135
23	0.1865	74	-0.4385	128	-0.1935
24	0.1505	75	0.3825	129	-0.0815
25	0.1055	76	0.2855	135	-0.0605
26	0.0495	77	0.1935	136	-0.1045
27	-0.0445	78	0.1015	137	-0.0575
28	-0.2605	79	0.0085	138	0.0475
29	-0.3965	80	-0.1025	139	0.0095
30	0.4555	81	-0.3055	140	0.0425
32	0.3485	82	-0.4005	141	0.1375
33	0.3145	83	0.2985	142	0.0735
34	0.2725	84	0.2105	143	0.1055
35	0.2365	85	0.0985	145	-0.1135
36	0.2025	86	-0.0055	147	0.0685
37	0.1535	87	-0.1085	151	0.0785
38	0.1055	88	-0.2655	152	-0.0515
39	0.0395	89	-0.4065	153	-0.1335
40	-0.0525	90	0.1885	154	-0.2625
41	-0.2475	91	0.0145	155	0.3115
42	-0.3975	92	-0.0835	156	0.2145
43	0.4635	93	-0.1635	157	-0.0245
44	0.3985	94	-0.2645	158	0.5935
45	0.3395	95	-0.3885	159	0.3385
46	0.2905	96	-1.0575	160	0.2645
47	0.2435	97	-0.7885	161	0.0905
48	0.1925	98	-0.9865	162	0.4285
49	0.1355	99	-0.6695	163	0.3215
50	0.0725	100	-0.5165	164	0.0075
51	-0.0025	101	-0.5955	165	0.0065

ORF	CP	ORF	CP	ORF	CP
166	0.3115	217	-0.6005	268	-0.3485
167	0.2515	218	-0.3785	269	-0.2025
168	0.1725	219	-0.1755	270	-0.1345
169	-0.0015	220	-0.1145	271	-0.5255
170	0.2965	221	-0.2115	272	-0.4625
171	0.0535	222	-0.1055	273	-0.1365
172	-0.1285	223	0.2085	274	-0.1305
173	0.1205	224	0.2305	275	0.0315
174	-0.0225	225	0.0745	276	0.5675
175	-0.2365	226	-0.1385	277	0.3815
176	-0.2995	227	-0.9235	278	-0.3955
177	-0.1415	228	-0.9325	279	-0.2165
178	-0.2795	229	-0.9325	280	-0.0345
179	-0.0885	230	-0.8935	281	0.1745
180	-0.2535	231	-0.6075	282	0.2275
181	0.4185	232	-0.3635	283	0.1985
182	0.5635	233	-0.1715	284	0.1525
183	0.1875	234	-0.1005	285	0.0165
184	0.3195	235	-0.1165	286	-0.5775
185	0.4175	236	0.0155	287	-0.3885
186	0.6785	237	0.1555	288	-0.1205
187	0.9465	238	0.1885	289	-0.1345
188	1.0935	239	0.1565	290	-0.2015
189	1.1315	240	0.0115	291	-0.6125
190	0.0505	241	-0.9235	292	-0.3425
191	-0.2115	242	-0.8885	325	0.0605
192	-0.1705	244	-0.5695	326	0.0595
193	-0.1775	245	-0.2385	327	0.0595
194	-0.1685	246	-0.1225	328	0.0605
195	-0.1905	247	-0.0455	329	0.0625
196	-0.1995	248	-0.0135	330	0.0595
197	-0.1835	249	-0.0245	331	0.0585
198	-0.1755	250	0.0535	332	0.0585
199	-0.1855	251	-0.2385	333	0.0595
200	-0.1895	252	-0.2225	334	0.0605
201	-0.1795	253	0.4265	335	0.0585
202	-0.1925	254	0.1835	336	0.0605
203	-0.1715	255	-0.5995	337	0.0605
204	-0.1715	256	-0.5875	338	0.0595
205	-0.0665	257	-0.5285	339	0.0605
206	-0.1035	258	-0.2615	340	0.0605
207	-0.0685	259	-0.0045	341	0.0615
208	-0.0235	260	0.0475	350	0.0505
210	0.4075	261	0.0505	351	0.0515
211	-0.0055	262	0.0145	352	0.0545
212	-0.1775	263	-0.2845	353	0.0555
213	-1.1235	264	-0.2835	354	0.0545
214	-1.0365	265	-0.2275	355	0.0535
215	-1.0265	266	-0.1925		
216	-0.9125	267	-0.3375		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1126
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.699
TUNNEL DYNAMIC PRESSURE(PSF) = 550.
TUNNEL STAGNATION PRESSURE(PSF) = 2231.
TUNNEL STATIC PRESSURE(PSF) = 1610.
REYNOLDS NUMBER PER FOOT = 4.0210E 06
MODEL ANGLE OF ATTACK(DEG) = 14.14
FIN ANGLE(DEG) = 0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	-0.0323
247	-0.0353
347	-0.0343
447	-0.0343
547	-0.0393
647	-0.0403
747	-0.0403

ORF	CP	ORF	CP	ORF	CP
1	0.4407	52	-0.0983	102	-0.5513
2	0.2287	53	-0.4023	103	-0.8233
3	0.2677	54	-0.4123	104	-0.8053
4	0.2927	55	0.4767	105	-0.5693
5	0.2897	56	0.4017	110	-0.1203
6	0.2757	57	0.3477	111	-0.1393
7	0.2567	58	0.2807	112	-0.1243
8	0.2357	59	0.2217	113	-0.1643
9	0.2127	60	0.1517	114	0.0447
10	0.1827	61	0.0747	115	0.0447
11	0.1397	62	-0.0233	116	0.0447
12	0.0917	63	-0.1563	117	0.0427
13	0.0087	64	-0.4433	118	0.0437
14	-0.2543	65	-0.4933	119	0.0427
15	-0.3783	66	0.4337	120	-0.0823
16	0.4537	67	0.3597	121	0.0407
17	0.4177	68	0.2887	122	0.0457
18	0.3847	69	0.2167	123	0.0457
19	0.3497	70	0.1437	124	-0.1153
20	0.3147	71	0.0607	125	-0.1383
21	0.2877	72	-0.0543	126	-0.1263
22	0.2547	73	-0.2253	127	-0.1353
23	0.2207	74	-0.4473	128	-0.1763
24	0.1827	75	0.3977	129	-0.0793
25	0.1367	76	0.3017	135	-0.0793
26	0.0777	77	0.2117	136	-0.1333
27	-0.0303	78	0.1207	137	-0.0773
28	-0.2523	79	0.0207	138	0.0347
29	-0.4133	80	-0.0943	139	-0.0133
30	0.4957	81	-0.3033	140	0.0227
32	0.3987	82	-0.4243	141	0.1527
33	0.3547	83	0.3197	142	0.0707
34	0.3097	84	0.2367	143	0.1107
35	0.2757	85	0.1227	145	-0.1453
36	0.2307	86	0.0107	147	0.0717
37	0.1847	87	-0.1043	151	0.1007
38	0.1277	88	-0.2633	152	-0.0663
39	0.0597	89	-0.4173	153	-0.1143
40	-0.0383	90	0.2077	154	-0.2613
41	-0.2383	91	0.0277	155	0.2457
42	-0.4233	92	-0.0843	156	0.2277
43	0.5017	93	-0.1673	157	-0.0153
44	0.4377	94	-0.2743	158	0.5977
45	0.3767	95	-0.4133	159	0.3337
46	0.3257	96	-1.1073	160	0.2597
47	0.2727	97	-0.8133	161	0.0767
48	0.2227	98	-0.9233	162	0.4367
49	0.1677	99	-0.7263	163	0.3157
50	0.1017	100	-0.6103	164	-0.0213
51	0.0177	101	-0.6603	165	-0.0113

ORF	CP	ORF	CP	ORF	CP
166	0.3127	217	-0.6423	268	-0.3753
167	0.2397	218	-0.3973	269	-0.2193
168	0.1547	219	-0.1753	270	-0.1663
169	-0.0133	220	-0.1203	271	-0.5873
170	0.2837	221	-0.2223	272	-0.4993
171	0.0407	222	-0.0443	273	-0.1723
172	-0.1423	223	0.2207	274	-0.1483
173	0.1217	224	0.2377	275	-0.0673
174	-0.0293	225	0.0267	276	0.6537
175	-0.2423	226	-0.1873	277	0.4317
176	-0.2963	227	-1.0123	278	-0.4343
177	-0.1373	228	-1.0143	279	-0.2833
178	-0.2893	229	-0.9993	280	-0.0153
179	-0.1183	230	-0.9323	281	0.2357
180	-0.2733	231	-0.6333	282	0.2787
181	0.4357	232	-0.3963	283	0.2427
182	0.5907	233	-0.1933	284	0.1917
183	0.2017	234	-0.1073	285	0.0387
184	0.2997	235	-0.1113	286	-0.6653
185	0.4027	236	0.0287	287	-0.4473
186	0.6307	237	0.1537	288	-0.1493
187	0.8807	238	0.1847	289	-0.1563
188	1.0627	239	0.1117	290	-0.2083
189	1.1157	240	-0.0293	291	-0.6323
190	0.0127	241	-0.9103	292	-0.4363
191	-0.2073	242	-0.8973	325	0.0587
192	-0.1773	244	-0.6063	326	0.0547
193	-0.1823	245	-0.2613	327	0.0537
194	-0.1843	246	-0.1293	328	0.0537
195	-0.2013	247	-0.0503	329	0.0547
196	-0.2143	248	-0.0243	330	0.0557
197	-0.2013	249	-0.0323	331	0.0527
198	-0.1853	250	0.0437	332	0.0517
199	-0.1863	251	-0.2493	333	0.0537
200	-0.2003	252	-0.2433	334	0.0527
201	-0.1903	253	0.4427	335	0.0527
202	-0.2013	254	0.1867	336	0.0547
203	-0.1873	255	-0.5733	337	0.0577
204	-0.1923	256	-0.5213	338	0.0537
205	-0.1023	257	-0.4483	339	0.0527
206	-0.1473	258	-0.1863	340	0.0547
207	-0.1063	259	0.0177	341	0.0557
208	-0.0663	260	0.0567	350	0.0437
210	0.4067	261	0.0637	351	0.0427
211	-0.1213	262	0.0247	352	0.0427
212	-0.2573	263	-0.2933	353	0.0437
213	-1.2003	264	-0.3053	354	0.0447
214	-1.1003	265	-0.2393	355	0.0447
215	-1.0873	266	-0.1963		
216	-0.9743	267	-0.3583		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1127
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 43.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 0.702
TUNNEL DYNAMIC PRESSURE(PSF) = 570.
TUNNEL STAGNATION PRESSURE(PSF) = 2296.
TUNNEL STATIC PRESSURE(PSF) = 1653.
REYNOLDS NUMBER PER FOOT = 4.1440E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.22
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	-0.1040
247	-0.1060
347	-0.1050
447	-0.1050
547	-0.0900
647	-0.0910
747	-0.0900

ORF	CP	ORF	CP	ORF	CP
1	-0.0600	52	-0.2890	103	-0.6450
2	-0.3520	53	-0.5530	104	-0.6040
3	-0.3240	54	-0.4790	105	-0.4890
4	-0.2020	55	0.0280	110	-0.0610
5	-0.1260	57	-0.0160	111	-0.0810
6	-0.0990	58	-0.0550	112	-0.0410
7	-0.0920	59	-0.0820	113	-0.0690
8	-0.0890	60	-0.1150	114	0.0430
9	-0.0910	61	-0.1570	115	0.0430
10	-0.0980	62	-0.2230	116	0.0430
11	-0.1160	63	-0.3410	117	0.0420
12	-0.1440	64	-0.5850	118	0.0410
13	-0.1960	65	-0.5280	119	0.0400
14	-0.3810	66	0.0050	120	-0.0510
15	-0.4610	67	-0.0210	121	0.0420
16	-0.1210	68	-0.0500	122	0.0420
17	-0.1260	69	-0.0860	123	0.0430
18	-0.0980	70	-0.1300	124	-0.0060
19	-0.0840	71	-0.1750	125	-0.0280
20	-0.0780	72	-0.2470	126	-0.0020
21	-0.0740	73	-0.3880	127	-0.0190
22	-0.0730	74	-0.4900	128	-0.1200
23	-0.0870	75	-0.0010	129	-0.0490
24	-0.0980	76	-0.0360	135	0.0240
25	-0.1210	77	-0.0920	136	0.0100
26	-0.1580	78	-0.1350	137	0.0220
27	-0.2320	79	-0.1850	138	0.1110
28	-0.3960	80	-0.2650	139	0.1060
29	-0.4710	81	-0.4370	140	0.1070
30	-0.0300	82	-0.4510	141	0.1160
32	-0.0440	83	-0.0250	142	0.1150
33	-0.0490	84	-0.0830	143	0.1180
34	-0.0550	85	-0.1250	145	0.0080
35	-0.0690	86	-0.1790	147	0.1160
36	-0.0760	87	-0.2330	151	-0.0080
37	-0.0990	88	-0.3630	152	-0.1160
38	-0.1260	89	-0.4120	153	-0.2100
39	-0.1660	90	-0.0920	154	-0.2340
40	-0.2370	91	-0.1270	155	0.2470
41	-0.3960	92	-0.1650	156	0.1190
42	-0.4820	93	-0.2050	157	-0.0560
43	0.0090	94	-0.2870	158	0.3900
44	-0.0070	95	-0.3370	159	0.2880
45	-0.0250	96	-0.3150	160	0.1990
46	-0.0410	97	-0.6330	161	0.0530
47	-0.0570	98	-0.0620	162	0.3290
48	-0.0810	99	-0.1090	163	0.2810
49	-0.1130	100	-0.3260	164	0.1020
50	-0.1470	101	-0.5830	165	-0.0070
51	-0.2040	102	-0.5200	166	0.3750

ORF	CP	ORF	CP	ORF	CP
167	0.2830	218	-0.0800	269	-0.1340
168	0.2220	219	-0.0650	270	-0.1000
169	0.0630	220	-0.0780	271	-0.5240
170	0.2880	221	-0.1800	272	-0.3130
171	0.1300	222	-0.2400	273	-0.0960
172	-0.0790	223	0.1040	274	-0.1370
173	0.0090	224	0.2020	275	0.3000
174	-0.0830	225	0.2050	276	0.2290
175	-0.2480	226	0.0080	277	0.0370
176	-0.2560	227	-0.7270	278	-0.7690
177	-0.2040	228	-0.6710	279	-0.7560
178	-0.3760	229	-0.5870	280	-0.6630
179	-0.2510	230	-0.3150	281	-0.3610
180	-0.1980	231	-0.1240	282	-0.1230
181	0.3360	232	-0.0820	283	-0.0840
182	0.4390	233	-0.0720	284	-0.0720
183	0.4840	234	-0.0670	285	-0.1530
184	0.6620	235	-0.1420	286	-0.5610
185	0.7050	236	-0.0670	287	-0.4020
186	0.7650	237	0.1380	288	-0.1430
187	0.8450	238	0.0950	289	-0.1250
188	0.8970	239	0.1860	290	-0.1540
189	0.9340	240	0.0420	291	-0.5940
190	0.2660	241	-0.6140	292	-0.1150
191	-0.1920	242	-0.5790	325	0.0280
192	-0.1840	244	-0.2530	326	0.0260
193	-0.1830	245	-0.1250	327	0.0250
194	-0.1830	246	-0.0980	328	0.0270
195	-0.1790	247	-0.0810	329	0.0250
196	-0.1990	248	-0.0670	330	0.0260
197	-0.1820	249	-0.0790	331	0.0250
198	-0.1850	250	0.0410	332	0.0240
199	-0.1880	251	-0.2150	333	0.0260
200	-0.1850	252	-0.2020	334	0.0230
201	-0.1730	253	0.1860	335	0.0260
202	-0.1880	254	0.0070	336	0.0270
203	-0.1780	255	-0.7130	337	0.0270
204	-0.1780	256	-0.6840	338	0.0250
205	0.1860	257	-0.6180	339	0.0240
206	0.2140	258	-0.4020	340	0.0270
207	0.2130	259	-0.1280	341	0.0240
208	0.2070	260	-0.0910	350	0.0430
210	0.2740	261	-0.0790	351	0.0420
211	0.2360	262	-0.0900	352	0.0410
212	0.0510	263	-0.2920	353	0.0400
213	-0.8610	264	-0.2100	354	0.0420
214	-0.6850	265	-0.1540	355	0.0420
215	-0.5700	266	-0.1360		
216	-0.2750	267	-0.3590		
217	-0.1140	268	-0.2370		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1128
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 204.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 4.0090E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.34
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	1.1479
247	1.1469
347	1.1469
447	1.1479
547	1.1399
647	1.1389
747	1.1389

ORF	CP	ORF	CP	ORF	CP
1	0.3549	52	0.1959	102	-0.3281
2	0.0209	53	0.0509	103	-0.4741
3	-0.2831	54	-0.0761	104	-0.4441
4	-0.2441	55	0.0629	105	-0.4041
5	-0.1771	56	0.0109	110	-0.1181
6	-0.0561	57	-0.0081	111	-0.1141
7	0.0439	58	0.1119	112	-0.1031
8	0.0889	59	0.1889	113	-0.1271
9	0.1209	60	0.2009	114	0.1239
10	0.1339	61	0.2129	115	0.1249
11	0.1479	62	0.2059	116	0.1249
12	0.1619	63	0.1919	117	0.1239
13	0.1679	64	-0.0561	118	0.1239
14	0.0849	65	-0.0621	119	0.1289
15	-0.0101	66	0.0719	120	-0.1601
16	0.1019	67	0.0479	121	0.1139
17	-0.0821	68	0.0909	122	0.1239
18	-0.2031	69	0.1969	123	0.1289
19	-0.2101	70	0.2229	124	-0.1061
20	-0.1141	71	0.2229	125	-0.1181
21	0.0549	72	0.2249	126	-0.0881
22	0.1219	73	0.2079	127	-0.1061
23	0.1409	74	-0.0521	128	-0.0911
24	0.1509	75	0.1169	129	-0.1801
25	0.1649	76	0.1399	135	-0.0951
26	0.1739	77	0.2139	136	-0.0931
27	0.1789	78	0.2389	137	-0.0921
28	0.1109	79	0.2579	138	-0.0171
29	-0.0391	80	0.2369	139	-0.0151
30	0.0439	81	0.1549	140	-0.0211
32	-0.1311	82	-0.0671	141	0.0149
33	-0.1481	83	0.1409	142	0.0149
34	0.0359	84	0.2239	143	0.0159
35	0.1229	85	0.2469	145	-0.0931
36	0.1589	86	0.2389	147	0.0169
37	0.1739	87	0.2039	151	0.1309
38	0.1779	88	0.1599	152	-0.0051
39	0.1809	89	-0.0871	153	-0.1061
40	0.1919	90	0.2389	154	-0.2331
41	0.1409	91	0.1999	155	0.2089
42	-0.0801	92	0.1909	156	0.3229
43	0.0339	93	0.1889	157	0.1829
44	-0.0301	94	0.1579	158	0.5239
45	-0.0761	95	-0.1001	159	0.4249
46	-0.0161	96	-0.2741	160	0.4029
47	0.1219	97	-0.0721	161	0.3069
48	0.1809	98	-0.0301	162	0.4539
49	0.1849	99	0.1859	163	0.4339
50	0.1949	100	0.1439	164	-0.0171
51	0.2019	101	-0.3671	165	0.2439

ORF	CP	ORF	CP	ORF	CP
166	0.5109	217	-0.0781	268	-0.1901
167	0.4219	218	0.0379	269	-0.1321
168	0.4139	219	0.1079	270	-0.0201
169	0.3279	220	0.1599	271	-0.3121
170	0.1699	221	-0.0511	272	-0.3071
171	0.3109	222	-0.0911	273	-0.0201
172	0.1479	223	0.1799	274	0.0189
173	0.1409	224	0.2869	275	0.3649
174	0.0329	225	0.3809	276	0.5069
175	-0.1111	226	0.2819	277	0.4209
176	-0.2921	227	-0.5041	278	-0.4381
177	-0.0141	228	-0.4381	279	-0.3921
178	-0.1011	229	-0.3351	280	-0.3361
179	-0.1071	230	-0.1401	281	-0.2691
180	-0.3221	231	-0.0081	282	-0.1881
181	0.4819	232	0.0339	283	-0.0171
182	0.5999	233	0.0939	284	0.1239
183	0.6049	234	0.1579	285	0.1599
184	0.8119	235	0.0409	286	-0.3561
185	0.9059	236	0.0559	287	-0.1571
186	0.9709	237	0.2459	288	0.0499
187	1.0479	238	0.1969	289	0.0299
188	1.0929	239	0.3189	290	-0.1641
189	1.2199	240	0.2419	291	-0.3401
190	0.3819	241	-0.3131	292	0.1609
191	-0.3061	242	-0.2841	325	0.1439
192	-0.3151	244	-0.0571	326	0.1429
193	-0.3151	245	-0.0051	327	0.1449
194	-0.3161	246	0.0189	328	0.1419
195	-0.3091	247	0.0829	329	0.1439
196	-0.3181	248	0.1419	330	0.1439
197	-0.3151	249	0.1259	331	0.1429
198	-0.3181	250	0.1379	332	0.1469
199	-0.3191	251	-0.1381	333	0.1429
200	-0.3151	252	-0.2221	334	0.1449
201	-0.3151	253	0.3519	335	0.1449
202	-0.3091	254	0.2849	336	0.1409
203	-0.3131	255	-0.5421	337	0.1449
204	-0.3151	256	-0.4771	338	0.1429
205	0.2639	257	-0.4121	339	0.1439
206	0.3069	258	-0.2321	340	0.1439
207	0.3039	259	-0.0271	341	0.1439
208	0.2889	260	0.0199	350	0.1209
210	0.3189	261	0.1029	351	0.1199
211	0.4679	262	0.1819	352	0.1219
212	0.4009	263	0.0029	353	0.1199
213	-0.3731	264	-0.0461	354	0.1229
214	-0.3041	265	-0.1661	355	0.1219
215	-0.2561	266	-0.1311		
216	-0.1821	267	-0.0591		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1129
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 204.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.348
TUNNEL DYNAMIC PRESSURE(PSF) = 828.
TUNNEL STAGNATION PRESSURE(PSF) = 1926.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = 0.34
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.1390
247	1.1390
347	1.1390
447	1.1390
547	1.1390
647	1.1390
747	1.1390

ORF	CP	ORF	CP	ORF	CP
1	-0.0690	52	-0.1180	102	-0.3230
2	-0.1660	53	-0.2030	103	-0.5590
3	-0.1550	54	-0.2210	104	-0.5190
4	-0.1270	55	-0.3840	105	-0.4540
5	-0.1020	56	-0.3780	110	-0.1160
6	-0.0830	57	-0.3430	111	-0.1090
7	-0.0670	58	-0.3160	112	-0.1060
8	-0.0420	59	-0.2950	113	-0.1330
9	-0.0410	60	-0.2660	114	0.1410
10	-0.0150	61	-0.2160	115	0.1310
11	-0.0050	62	-0.2030	116	0.1370
12	0.0120	63	-0.1830	117	0.1300
13	0.0030	64	-0.2650	118	0.1380
14	-0.0800	65	-0.2760	119	0.1370
15	-0.1480	66	-0.3970	120	-0.1790
16	-0.2400	67	-0.3840	121	0.1170
17	-0.2440	68	-0.3480	122	0.1340
18	-0.2230	69	-0.3190	123	0.1320
19	-0.2090	70	-0.2970	124	-0.1400
20	-0.1840	71	-0.2730	125	-0.1500
21	-0.1490	72	-0.2680	126	-0.1270
22	-0.1260	73	-0.2780	127	-0.1420
23	-0.1050	74	-0.3500	128	-0.1350
24	-0.0710	75	-0.4140	129	-0.1970
25	-0.0390	76	-0.3840	135	-0.1310
26	-0.0390	77	-0.3590	136	-0.1340
27	-0.0310	78	-0.3360	137	-0.1350
28	-0.1010	79	-0.3160	138	-0.0310
29	-0.1920	80	-0.3140	139	-0.0330
30	-0.3360	81	-0.3400	140	-0.0340
32	-0.2660	82	-0.3860	141	0.0190
33	-0.2350	83	-0.3160	142	0.0230
34	-0.1990	84	-0.4060	143	0.0240
35	-0.1620	85	-0.3730	145	-0.1320
36	-0.1370	86	-0.3530	147	0.0230
37	-0.1070	87	-0.3320	151	0.1540
38	-0.0870	88	-0.3280	152	-0.0360
39	-0.0640	89	-0.3790	153	-0.1220
40	-0.0790	90	-0.4440	154	-0.2160
41	-0.1120	91	-0.4230	155	0.1480
42	-0.2160	92	-0.3700	156	0.1050
43	-0.3820	93	-0.3520	157	-0.0220
44	-0.3540	94	-0.3620	158	0.2470
45	-0.3240	95	-0.4510	159	0.1440
46	-0.2790	96	0.3290	160	0.0930
47	-0.2410	97	-0.0160	161	-0.0120
48	-0.2150	98	0.4160	162	0.2870
49	-0.1620	99	0.4940	163	0.2220
50	-0.1350	100	0.0830	164	-0.0360
51	-0.1200	101	-0.3460	165	0.0490

ORF	CP	ORF	CP	ORF	CP
166	0.3270	217	0.0460	268	-0.2470
167	0.3010	218	0.0730	269	-0.0920
168	0.2910	219	0.0920	270	-0.0750
169	0.2130	220	0.0860	271	-0.3120
170	0.2660	221	-0.1470	272	-0.1340
171	0.2090	222	-0.0820	273	-0.0190
172	0.0620	223	0.1670	274	-0.0400
173	0.0960	224	0.2320	275	0.1340
174	0.0080	225	0.2120	276	0.1250
175	-0.1680	226	0.1470	277	0.0660
176	-0.3100	227	-0.3410	278	-0.3130
177	-0.0700	228	-0.3010	279	-0.2690
178	-0.1040	229	-0.2390	280	-0.1960
179	-0.0360	230	-0.1340	281	-0.1240
180	-0.3280	231	-0.0250	282	-0.0800
181	0.3530	232	0.0260	283	-0.0780
182	0.4690	233	0.0560	284	-0.0400
183	0.3350	234	0.0680	285	0.0090
184	0.4660	235	-0.0200	286	-0.3480
185	0.5200	236	0.0400	287	-0.1210
186	0.6070	237	0.1600	288	-0.0060
187	0.7110	238	0.1680	289	-0.0140
188	0.8540	239	0.2670	290	-0.1930
189	0.9120	240	0.2150	291	-0.4120
190	0.5800	241	-0.3630	292	0.2410
191	-0.3210	242	-0.3470	325	0.1710
192	-0.3200	244	-0.1470	326	0.1720
193	-0.3200	245	-0.0390	327	0.1700
194	-0.3210	246	-0.0140	328	0.1720
195	-0.3200	247	0.0040	329	0.1740
196	-0.3520	248	0.0390	330	0.1680
197	-0.3220	249	0.0250	331	0.1740
198	-0.3250	250	0.1660	332	0.1720
199	-0.3310	251	-0.2050	333	0.1730
200	-0.3230	252	-0.2790	334	0.1760
201	-0.3160	253	0.1990	335	0.1670
202	-0.3190	254	0.1350	336	0.1690
203	-0.3180	255	-0.3620	337	0.1720
204	-0.3160	256	-0.2650	338	0.1720
205	0.1690	257	-0.1830	339	0.1710
206	0.1450	258	-0.0980	340	0.1710
207	0.1940	259	-0.0780	341	0.1720
208	0.2120	260	-0.0630	350	0.1360
210	0.2620	261	-0.0320	351	0.1380
211	0.1450	262	0.0130	352	0.1400
212	0.1170	263	-0.1220	353	0.1400
213	-0.2950	264	-0.1720	354	0.1460
214	-0.2260	265	-0.1580	355	0.1420
215	-0.1500	266	-0.1390		
216	-0.0420	267	-0.1780		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1130
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 204.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 830.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -4.02
FIN ANGLE(DEG) = 0.38
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.1369
247	1.1359
347	1.1369
447	1.1369
547	1.1369
647	1.1369
747	1.1369

ORF	CP	ORF	CP	ORF	CP
1	0.2069	52	0.0379	102	-0.2831
2	-0.0591	53	-0.0591	103	-0.4711
3	-0.1291	54	-0.1311	104	-0.4391
4	-0.1021	55	-0.2291	105	-0.4041
5	-0.1071	56	-0.0811	110	-0.1111
6	-0.1251	57	-0.0911	111	-0.1051
7	-0.1171	58	-0.1051	112	-0.0991
8	-0.1121	59	-0.1151	113	-0.1241
9	-0.0811	60	-0.1111	114	0.1249
10	-0.0371	61	-0.0851	115	0.1219
11	0.0109	62	-0.0091	116	0.1179
12	0.0429	63	0.0519	117	0.1199
13	0.0529	64	-0.1181	118	0.1259
14	-0.0211	65	-0.1121	119	0.1259
15	-0.1161	66	-0.3421	120	-0.1621
16	0.0099	67	-0.1011	121	0.1189
17	-0.0811	68	-0.0851	122	0.1299
18	-0.1041	69	-0.1011	123	0.1209
19	-0.1101	70	-0.1081	124	-0.1171
20	-0.1191	71	-0.1111	125	-0.1261
21	-0.1221	72	-0.0691	126	-0.1011
22	-0.0971	73	-0.0151	127	-0.1151
23	-0.0881	74	-0.1321	128	-0.1021
24	-0.0381	75	-0.3731	129	-0.1821
25	0.0109	76	-0.1901	135	-0.1041
26	0.0299	77	-0.0711	136	-0.1031
27	0.0359	78	-0.0561	137	-0.1021
28	-0.0371	79	-0.0801	138	-0.0231
29	-0.1301	80	-0.0681	139	-0.0211
30	-0.0561	81	-0.0331	140	-0.0221
32	-0.1101	82	-0.1001	141	0.0119
33	-0.1161	83	-0.2901	142	0.0119
34	-0.1191	84	-0.2491	143	0.0119
35	-0.1111	85	-0.0771	145	-0.1031
36	-0.0921	86	-0.0721	147	0.0119
37	-0.0531	87	-0.0161	151	0.1859
38	-0.0031	88	-0.0131	152	0.0109
39	0.0289	89	-0.1421	153	-0.0821
40	0.0289	90	-0.4131	154	-0.2051
41	-0.0171	91	-0.2151	155	0.1199
42	-0.1421	92	-0.0221	156	0.2229
43	-0.1141	93	-0.0051	157	0.1019
44	-0.0901	94	0.0129	158	0.3449
45	-0.1091	95	-0.1961	159	0.2659
46	-0.1161	96	0.1329	160	0.2019
47	-0.1191	97	-0.0991	161	0.1019
48	-0.1191	98	0.2529	162	0.3369
49	-0.1041	99	0.3009	163	0.2639
50	-0.0491	100	0.0469	164	-0.0221
51	0.0139	101	-0.3081	165	0.0889

ORF	CP	ORF	CP	ORF	CP
166	0.3759	217	0.0879	268	-0.2211
167	0.2969	218	0.0929	269	-0.0471
168	0.2789	219	0.0919	270	-0.0181
169	0.1939	220	0.0939	271	-0.2721
170	0.2999	221	-0.0761	272	-0.2061
171	0.1859	222	-0.0811	273	0.0149
172	0.0499	223	0.1939	274	0.0029
173	0.1089	224	0.2709	275	0.2799
174	0.0149	225	0.2839	276	0.3689
175	-0.1481	226	0.2109	277	0.2819
176	-0.2871	227	-0.2451	278	-0.4081
177	0.0229	228	-0.2081	279	-0.3501
178	-0.0361	229	-0.1511	280	-0.2381
179	-0.0281	230	-0.0491	281	-0.1061
180	-0.3141	231	0.0249	282	-0.0881
181	0.5049	232	0.0429	283	-0.1271
182	0.5899	233	0.0659	284	-0.0461
183	0.3829	234	0.0989	285	0.0589
184	0.5109	235	0.0209	286	-0.3071
185	0.5599	236	0.0449	287	-0.1101
186	0.5949	237	0.1779	288	0.0249
187	0.6629	238	0.1859	289	-0.0111
188	0.7419	239	0.3639	290	-0.1141
189	0.8169	240	0.3239	291	-0.3891
190	0.4499	241	-0.5071	292	0.1449
191	-0.3101	242	-0.4131	325	0.1279
192	-0.3131	244	-0.1951	326	0.1319
193	-0.3141	245	-0.1021	327	0.1359
194	-0.3151	246	-0.0211	328	0.1329
195	-0.3121	247	0.0649	329	0.1339
196	-0.3221	248	0.1359	330	0.1249
197	-0.3181	249	0.0889	331	0.1319
198	-0.3201	250	0.1419	332	0.1359
199	-0.3241	251	-0.1501	333	0.1329
200	-0.3141	252	-0.2221	334	0.1349
201	-0.3141	253	0.4329	335	0.1279
202	-0.3101	254	0.3629	336	0.1339
203	-0.3121	255	-0.5241	337	0.1299
204	-0.3131	256	-0.4581	338	0.1329
205	0.2499	257	-0.4011	339	0.1349
206	0.2629	258	-0.3051	340	0.1339
207	0.2959	259	-0.1561	341	0.1339
208	0.3009	260	-0.1071	350	0.1279
210	0.3069	261	-0.0051	351	0.1209
211	0.2799	262	0.1169	352	0.1229
212	0.2179	263	-0.1041	353	0.1329
213	-0.2601	264	-0.0751	354	0.1229
214	-0.1741	265	-0.1141	355	0.1219
215	-0.1111	266	-0.0831		
216	0.0139	267	-0.1321		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1131
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 204.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 830.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = 0.51
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.1381
247	1.1351
347	1.1371
447	1.1371
547	1.1371
647	1.1371
747	1.1371

ORF	CP	ORF	CP	ORF	CP
1	0.2451	52	0.1801	102	-0.2899
2	0.1501	53	0.0571	103	-0.4829
3	0.1401	54	-0.0889	104	-0.4469
4	0.1521	55	0.3491	105	-0.4179
5	0.1461	56	0.2971	110	-0.1319
6	0.1451	57	0.2621	111	-0.1309
7	0.1441	58	0.2411	112	-0.1139
8	0.1451	59	0.2291	113	-0.1439
9	0.1441	60	0.2281	114	0.1081
10	0.1421	61	0.2231	115	0.1091
11	0.1421	62	0.2141	116	0.1091
12	0.1391	63	0.2121	117	0.1011
13	0.1291	64	-0.0469	118	0.1101
14	0.0381	65	-0.0559	119	0.1101
15	-0.0309	66	0.3571	120	-0.1599
16	0.2241	67	0.3051	121	0.1011
17	0.1981	68	0.2751	122	0.1031
18	0.1891	69	0.2511	123	0.1071
19	0.1781	70	0.2481	124	-0.1189
20	0.1661	71	0.2531	125	-0.1299
21	0.1571	72	0.2521	126	-0.1039
22	0.1561	73	0.2321	127	-0.1169
23	0.1541	74	-0.0349	128	-0.1039
24	0.1551	75	0.3701	129	-0.1839
25	0.1521	76	0.3191	135	-0.1059
26	0.1481	77	0.3101	136	-0.1019
27	0.1311	78	0.2841	137	-0.1029
28	0.0541	79	0.2891	138	-0.0249
29	-0.0679	80	0.2811	139	-0.0229
30	0.2741	81	0.2011	140	-0.0239
32	0.2201	82	-0.0679	141	0.0081
33	0.2061	83	0.3521	142	0.0081
34	0.1901	84	0.3411	143	0.0091
35	0.1801	85	0.3141	145	-0.1049
36	0.1761	86	0.2891	147	0.0071
37	0.1741	87	0.2281	151	0.1901
38	0.1731	88	0.1591	152	0.0691
39	0.1641	89	-0.1159	153	-0.0529
40	0.1531	90	0.4041	154	-0.1839
41	0.1031	91	0.2361	155	0.3561
42	-0.1039	92	0.1621	156	0.3191
43	0.3261	93	0.1181	157	0.2011
44	0.2751	94	0.0801	158	0.5881
45	0.2471	95	-0.1779	159	0.4581
46	0.2311	96	-0.1369	160	0.4321
47	0.2171	97	-0.1609	161	0.3481
48	0.2081	98	-0.0959	162	0.4671
49	0.2001	99	-0.0819	163	0.4521
50	0.1961	100	-0.0149	164	-0.0229
51	0.1921	101	-0.3249	165	0.2621

ORF	CP	ORF	CP	ORF	CP
166	0.4591	217	-0.1359	268	-0.2309
167	0.4731	218	-0.1509	269	-0.0879
168	0.4381	219	-0.1009	270	-0.0579
169	0.3311	220	0.1071	271	-0.2449
170	0.2331	221	0.0051	272	-0.2259
171	0.4131	222	-0.0299	273	-0.0379
172	0.2571	223	0.3011	274	-0.0319
173	0.3271	224	0.3611	275	0.2851
174	0.1751	225	0.5191	276	0.3221
175	0.0461	226	0.4581	277	0.2731
176	-0.1479	227	-0.5019	278	-0.0369
177	0.0531	228	-0.4479	279	0.0381
178	-0.0199	229	-0.3869	280	0.0931
179	0.0421	230	-0.3099	281	0.1461
180	-0.3309	231	-0.1989	282	0.1571
181	0.4041	232	-0.1269	283	0.1461
182	0.5101	233	-0.0189	284	0.1461
183	0.5351	234	0.1741	285	0.1391
184	0.8161	235	0.0191	286	-0.3159
185	1.0001	236	0.1321	287	-0.1149
186	1.1351	237	0.3321	288	0.0111
187	1.2881	238	0.3541	289	-0.0079
188	1.4101	239	0.3641	290	-0.1539
189	1.4301	240	0.3241	291	-0.1329
190	0.2921	241	-0.4739	292	0.0841
191	-0.3099	242	-0.3629	325	0.1181
192	-0.3149	244	-0.1519	326	0.1231
193	-0.3149	245	-0.0909	327	0.1221
194	-0.3209	246	-0.0229	328	0.1251
195	-0.3089	247	0.0881	329	0.1291
196	-0.3159	248	0.1841	330	0.1271
197	-0.3179	249	0.1331	331	0.1241
198	-0.3179	250	0.1241	332	0.1231
199	-0.3199	251	-0.1529	333	0.1261
200	-0.3129	252	-0.2209	334	0.1311
201	-0.3099	253	0.3211	335	0.1281
202	-0.3119	254	0.2501	336	0.1181
203	-0.3119	255	-0.2309	337	0.1191
204	-0.3069	256	-0.1409	338	0.1221
205	0.2341	257	-0.0559	339	0.1241
206	0.2761	258	0.0451	340	0.1261
207	0.2801	259	0.0881	341	0.1291
208	0.2601	260	0.0971	350	0.1051
210	0.3531	261	0.1161	351	0.1061
211	0.4761	262	0.1471	352	0.1071
212	0.3871	263	0.0021	353	0.1101
213	-0.3949	264	-0.0299	354	0.1041
214	-0.3079	265	-0.1139	355	0.1031
215	-0.2299	266	-0.1159		
216	-0.1159	267	-0.0559		

ORF	CP	ORF	CP	ORF	CP
1	0.2451	52	0.1801	102	-0.2899
2	0.1501	53	0.0571	103	-0.4829
3	0.1401	54	-0.0889	104	-0.4469
4	0.1521	55	0.3491	105	-0.4179
5	0.1461	56	0.2971	110	-0.1319
6	0.1451	57	0.2621	111	-0.1309
7	0.1441	58	0.2411	112	-0.1139
8	0.1451	59	0.2291	113	-0.1439
9	0.1441	60	0.2281	114	0.1081
10	0.1421	61	0.2231	115	0.1091
11	0.1421	62	0.2141	116	0.1091
12	0.1391	63	0.2121	117	0.1011
13	0.1291	64	-0.0469	118	0.1101
14	0.0381	65	-0.0559	119	0.1101
15	-0.0309	66	0.3571	120	-0.1599
16	0.2241	67	0.3051	121	0.1011
17	0.1981	68	0.2751	122	0.1031
18	0.1891	69	0.2511	123	0.1071
19	0.1781	70	0.2481	124	-0.1189
20	0.1661	71	0.2531	125	-0.1299
21	0.1571	72	0.2521	126	-0.1039
22	0.1561	73	0.2321	127	-0.1169
23	0.1541	74	-0.0349	128	-0.1039
24	0.1551	75	0.3701	129	-0.1839
25	0.1521	76	0.3191	135	-0.1059
26	0.1481	77	0.3101	136	-0.1019
27	0.1311	78	0.2841	137	-0.1029
28	0.0541	79	0.2891	138	-0.0249
29	-0.0679	80	0.2811	139	-0.0229
30	0.2741	81	0.2011	140	-0.0239
32	0.2201	82	-0.0679	141	0.0081
33	0.2061	83	0.3521	142	0.0081
34	0.1901	84	0.3411	143	0.0091
35	0.1801	85	0.3141	145	-0.1049
36	0.1761	86	0.2891	147	0.0071
37	0.1741	87	0.2281	151	0.1901
38	0.1731	88	0.1591	152	0.0691
39	0.1641	89	-0.1159	153	-0.0529
40	0.1531	90	0.4041	154	-0.1839
41	0.1031	91	0.2361	155	0.3561
42	-0.1039	92	0.1621	156	0.3191
43	0.3261	93	0.1181	157	0.2011
44	0.2751	94	0.0801	158	0.5881
45	0.2471	95	-0.1779	159	0.4581
46	0.2311	96	-0.1369	160	0.4321
47	0.2171	97	-0.1609	161	0.3481
48	0.2081	98	-0.0959	162	0.4671
49	0.2001	99	-0.0819	163	0.4521
50	0.1961	100	-0.0149	164	-0.0229
51	0.1921	101	-0.3249	165	0.2621

ORF	CP	ORF	CP	ORF	CP
166	0.4591	217	-0.1359	268	-0.1309
167	0.4731	218	-0.1509	269	-0.0879
168	0.4381	219	-0.1009	270	-0.0579
169	0.3311	220	0.1071	271	-0.2449
170	0.2331	221	0.0051	272	-0.2259
171	0.4131	222	-0.0299	273	-0.0379
172	0.2571	223	0.3011	274	-0.0319
173	0.3271	224	0.3611	275	0.2851
174	0.1751	225	0.5191	276	0.3221
175	0.0461	226	0.4581	277	0.2731
176	-0.1479	227	-0.5019	278	-0.0369
177	0.0531	228	-0.4479	279	0.0381
178	-0.0199	229	-0.3869	280	0.0931
179	0.0421	230	-0.3099	281	0.1461
180	-0.3309	231	-0.1989	282	0.1571
181	0.4041	232	-0.1269	283	0.1461
182	0.5101	233	-0.0189	284	0.1461
183	0.5351	234	0.1741	285	0.1391
184	0.8161	235	0.0191	286	-0.3159
185	1.0001	236	0.1321	287	-0.1149
186	1.1351	237	0.3321	288	0.0111
187	1.2881	238	0.3541	289	-0.0079
188	1.4101	239	0.3641	290	-0.1539
189	1.4301	240	0.3241	291	-0.1329
190	0.2921	241	-0.4739	292	0.0841
191	-0.3099	242	-0.3629	325	0.1181
192	-0.3149	244	-0.1519	326	0.1231
193	-0.3149	245	-0.0909	327	0.1221
194	-0.3209	246	-0.0229	328	0.1251
195	-0.3089	247	0.0881	329	0.1291
196	-0.3159	248	0.1841	330	0.1271
197	-0.3179	249	0.1331	331	0.1241
198	-0.3179	250	0.1241	332	0.1231
199	-0.3199	251	-0.1529	333	0.1261
200	-0.3129	252	-0.2209	334	0.1311
201	-0.3099	253	0.3211	335	0.1281
202	-0.3119	254	0.2501	336	0.1181
203	-0.3119	255	-0.2309	337	0.1191
204	-0.3069	256	-0.1409	338	0.1221
205	0.2341	257	-0.0559	339	0.1241
206	0.2761	258	0.0451	340	0.1261
207	0.2801	259	0.0881	341	0.1291
208	0.2601	260	0.0971	350	0.1051
210	0.3531	261	0.1161	351	0.1061
211	0.4761	262	0.1471	352	0.1071
212	0.3871	263	0.0021	353	0.1101
213	-0.3949	264	-0.0299	354	0.1041
214	-0.3079	265	-0.1139	355	0.1031
215	-0.2299	266	-0.1159		
216	-0.1159	267	-0.0559		

ORF	CP	ORF	CP	ORF	CP
1	0.2451	52	0.1801	102	-0.2899
2	0.1501	53	0.0571	103	-0.4829
3	0.1401	54	-0.0889	104	-0.4469
4	0.1521	55	0.3491	105	-0.4179
5	0.1461	56	0.2971	110	-0.1319
6	0.1451	57	0.2621	111	-0.1309
7	0.1441	58	0.2411	112	-0.1139
8	0.1451	59	0.2291	113	-0.1439
9	0.1441	60	0.2281	114	0.1081
10	0.1421	61	0.2231	115	0.1091
11	0.1421	62	0.2141	116	0.1091
12	0.1391	63	0.2121	117	0.1011
13	0.1291	64	-0.0469	118	0.1101
14	0.0381	65	-0.0559	119	0.1101
15	-0.0309	66	0.3571	120	-0.1599
16	0.2241	67	0.3051	121	0.1011
17	0.1981	68	0.2751	122	0.1031
18	0.1891	69	0.2511	123	0.1071
19	0.1781	70	0.2481	124	-0.1189
20	0.1661	71	0.2531	125	-0.1299
21	0.1571	72	0.2521	126	-0.1039
22	0.1561	73	0.2321	127	-0.1169
23	0.1541	74	-0.0349	128	-0.1039
24	0.1551	75	0.3701	129	-0.1839
25	0.1521	76	0.3191	135	-0.1059
26	0.1481	77	0.3101	136	-0.1019
27	0.1311	78	0.2841	137	-0.1029
28	0.0541	79	0.2891	138	-0.0249
29	-0.0679	80	0.2811	139	-0.0229
30	0.2741	81	0.2011	140	-0.0239
32	0.2201	82	-0.0679	141	0.0081
33	0.2061	83	0.3521	142	0.0081
34	0.1901	84	0.3411	143	0.0091
35	0.1801	85	0.3141	145	-0.1049
36	0.1761	86	0.2891	147	0.0071
37	0.1741	87	0.2281	151	0.1901
38	0.1731	88	0.1591	152	0.0691
39	0.1641	89	-0.1159	153	-0.0529
40	0.1531	90	0.4041	154	-0.1839
41	0.1031	91	0.2361	155	0.3561
42	-0.1039	92	0.1621	156	0.3191
43	0.3261	93	0.1181	157	0.2011
44	0.2751	94	0.0801	158	0.5881
45	0.2471	95	-0.1779	159	0.4581
46	0.2311	96	-0.1369	160	0.4321
47	0.2171	97	-0.1609	161	0.3481
48	0.2081	98	-0.0959	162	0.4671
49	0.2001	99	-0.0819	163	0.4521
50	0.1961	100	-0.0149	164	-0.0229
51	0.1921	101	-0.3249	165	0.2621

ORF	CP	ORF	CP	ORF	CP
166	0.4591	217	-0.1359	268	-0.1309
167	0.4731	218	-0.1509	269	-0.0879
168	0.4381	219	-0.1009	270	-0.0579
169	0.3311	220	0.1071	271	-0.2449
170	0.2331	221	0.0051	272	-0.2259
171	0.4131	222	-0.0299	273	-0.0379
172	0.2571	223	0.3011	274	-0.0319
173	0.3271	224	0.3611	275	0.2851
174	0.1751	225	0.5191	276	0.3221
175	0.0461	226	0.4581	277	0.2731
176	-0.1479	227	-0.5019	278	-0.0369
177	0.0531	228	-0.4479	279	0.0381
178	-0.0199	229	-0.3869	280	0.0931
179	0.0421	230	-0.3099	281	0.1461
180	-0.3309	231	-0.1989	282	0.1571
181	0.4041	232	-0.1269	283	0.1461
182	0.5101	233	-0.0189	284	0.1461
183	0.5351	234	0.1741	285	0.1391
184	0.8161	235	0.0191	286	-0.3159
185	1.0001	236	0.1321	287	-0.1149
186	1.1351	237	0.3321	288	0.0111
187	1.2881	238	0.3541	289	-0.0079
188	1.4101	239	0.3641	290	-0.1539
189	1.4301	240	0.3241	291	-0.1329
190	0.2921	241	-0.4739	292	0.0841
191	-0.3099	242	-0.3629	325	0.1181
192	-0.3149	244	-0.1519	326	0.1231
193	-0.3149	245	-0.0909	327	0.1221
194	-0.3209	246	-0.0229	328	0.1251
195	-0.3089	247	0.0881	329	0.1291
196	-0.3159	248	0.1841	330	0.1271
197	-0.3179	249	0.1331	331	0.1241
198	-0.3179	250	0.1241	332	0.1231
199	-0.3199	251	-0.1529	333	0.1261
200	-0.3129	252	-0.2209	334	0.1311
201	-0.3099	253	0.3211	335	0.1281
202	-0.3119	254	0.2501	336	0.1181
203	-0.3119	255	-0.2309	337	0.1191
204	-0.3069	256	-0.1409	338	0.1221
205	0.2341	257	-0.0559	339	0.1241
206	0.2761	258	0.0451	340	0.1261
207	0.2801	259	0.0881	341	0.1291
208	0.2601	260	0.0971	350	0.1051
210	0.3531	261	0.1161	351	0.1061
211	0.4761	262	0.1471	352	0.1071
212	0.3871	263	0.0021	353	0.1101
213	-0.3949	264	-0.0299	354	0.1041
214	-0.3079	265	-0.1139	355	0.1031
215	-0.2299	266	-0.1159		
216	-0.1159	267	-0.0559		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1132
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 204.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = 0.50
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	1.1333
247	1.1323
347	1.1333
447	1.1333
547	1.1313
647	1.1313
747	1.1303

ORF	CP	ORF	CP	ORF	CP
1	0.4253	52	0.3083	102	[illegible]
2	0.3843	53	0.1383	103	-0.5517
3	0.3453	54	-0.0007	104	-0.5187
4	0.3263	55	0.5163	105	-0.4497
5	0.3063	56	0.4553	110	-0.1647
6	0.2853	57	0.4183	111	-0.1687
7	0.2733	58	0.4023	112	-0.1417
8	0.2633	59	0.3873	113	-0.1717
9	0.2563	60	0.3863	114	0.1233
10	0.2603	61	0.3703	115	0.1243
11	0.2603	62	0.3593	116	0.1233
12	0.2593	63	0.3193	117	0.1193
13	0.2453	64	0.0103	118	0.1213
14	0.1443	65	0.0143	119	0.1163
15	0.0673	66	0.5193	120	-0.1707
16	0.4303	67	0.4643	121	0.1133
17	0.3863	68	0.4343	122	0.1193
18	0.3583	69	0.4193	123	0.1223
19	0.3343	70	0.4283	124	-0.1487
20	0.3103	71	0.4133	125	-0.1627
21	0.2983	72	0.3773	126	-0.1357
22	0.2813	73	0.3073	127	-0.1497
23	0.2763	74	0.0123	128	-0.1287
24	0.2703	75	0.5783	129	-0.2047
25	0.2733	76	0.5243	135	-0.1367
26	0.2663	77	0.4843	136	-0.1337
27	0.2553	78	0.4583	137	-0.1317
28	0.1673	79	0.4243	138	-0.0417
29	0.0233	80	0.3623	139	-0.0417
30	0.4813	81	0.2323	140	-0.0387
32	0.3893	82	-0.0237	141	0.0223
33	0.3523	83	0.5433	142	0.0173
34	0.3373	84	0.5203	143	0.0183
35	0.3223	85	0.4643	145	-0.1347
36	0.3113	86	0.3913	147	0.0163
37	0.3013	87	0.3173	151	0.3033
38	0.2983	88	0.2103	152	0.3183
39	0.2953	89	-0.0707	153	0.0723
40	0.2803	90	0.5473	154	-0.1327
41	0.2133	91	0.3703	155	0.3923
42	-0.0137	92	0.2593	156	0.4363
43	0.5083	93	0.1893	157	0.2923
44	0.4433	94	0.1273	158	0.6633
45	0.4023	95	-0.1477	159	0.5433
46	0.3803	96	-0.1987	160	0.5193
47	0.3643	97	-0.2257	161	0.4263
48	0.3493	98	-0.3427	162	0.5573
49	0.3383	99	-0.3527	163	0.5363
50	0.3313	100	-0.3707	164	-0.0447
51	0.3153	101	-0.3457	165	0.3433

ORF	CP	ORF	CP	ORF	CP
166	0.4443	217	-0.2347	268	-0.1257
167	0.4943	218	-0.2407	269	-0.0697
168	0.5003	219	-0.2157	270	-0.0097
169	0.3773	220	0.0273	271	-0.2427
170	0.5053	221	0.0393	272	-0.2137
171	0.3923	222	0.0793	273	-0.0047
172	0.2093	223	0.3133	274	-0.0027
173	0.3533	224	0.3323	275	0.1263
174	0.2573	225	0.4253	276	0.4213
175	0.0773	226	0.3603	277	0.4293
176	-0.1537	227	-0.5287	278	0.2983
177	0.1433	228	-0.4787	279	0.3163
178	0.0593	229	-0.4187	280	0.3293
179	0.1153	230	-0.3247	281	0.3273
180	-0.3437	231	-0.2547	282	0.3193
181	0.5193	232	-0.2097	283	0.2833
182	0.6323	233	-0.1437	284	0.2703
183	0.3323	234	0.1053	285	0.2533
184	0.4653	235	0.0833	286	-0.3287
185	0.7233	236	0.2143	287	-0.1697
186	1.1453	237	0.3313	288	0.0183
187	1.3973	238	0.3603	289	-0.0057
188	1.4943	239	0.3423	290	-0.1137
189	1.5103	240	0.3473	291	-0.2097
190	0.2033	241	-0.4637	292	-0.0137
191	-0.3217	242	-0.3527	325	0.1513
192	-0.3337	244	-0.2187	326	0.1453
193	-0.3327	245	-0.1767	327	0.1413
194	-0.3407	246	-0.0827	328	0.1403
195	-0.3127	247	0.0983	329	0.1423
196	-0.3337	248	0.2033	330	0.1423
197	-0.3357	249	0.2033	331	0.1503
198	-0.3327	250	0.1423	332	0.1423
199	-0.3327	251	-0.0777	333	0.1433
200	-0.3187	252	-0.1767	334	0.1423
201	-0.3227	253	0.3693	335	0.1433
202	-0.3297	254	0.3453	336	0.1473
203	-0.3287	255	-0.3487	337	0.1513
204	-0.3237	256	-0.2127	338	0.1453
205	0.1363	257	-0.1047	339	0.1423
206	0.1373	258	0.0413	340	0.1413
207	0.1553	259	0.1253	341	0.1433
208	0.1663	260	0.1513	350	0.1173
210	0.3783	261	0.1883	351	0.1193
211	0.3793	262	0.2343	352	0.1173
212	0.3053	263	0.0493	353	0.1193
213	-0.4157	264	0.0293	354	0.1173
214	-0.3357	265	-0.0867	355	0.1213
215	-0.2547	266	-0.0767		
216	-0.1927	267	-0.0107		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1133
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 204.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 832.
TUNNEL STAGNATION PRESSURE(PSF) = 1935.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.48
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	1.1337
247	1.1327
347	1.1327
447	1.1327
547	1.1327
647	1.1317
747	1.1317

ORF	CP	ORF	CP	ORF	CP
1	0.3537	52	0.1937	102	-0.3252
2	0.0227	53	0.0517	103	-0.4693
3	-0.2803	54	-0.0793	104	-0.4412
4	-0.2383	55	0.0647	105	-0.4003
5	-0.1813	56	0.0097	110	-0.1183
6	-0.0563	57	0.0047	111	-0.1143
7	0.0587	58	0.1187	112	-0.1033
8	0.0927	59	0.1927	113	-0.1273
9	0.1157	60	0.2067	114	0.1277
10	0.1307	61	0.2157	115	0.1227
11	0.1457	62	0.2117	116	0.1227
12	0.1587	63	0.1947	117	0.1227
13	0.1667	64	-0.0543	118	0.1277
14	0.0817	65	-0.0653	119	0.1277
15	-0.0073	66	0.0807	120	-0.1573
16	0.1117	67	0.0507	121	0.1217
17	-0.0803	68	0.1107	122	0.1317
18	-0.2033	69	0.1937	123	0.1367
19	-0.2113	70	0.2188	124	-0.1033
20	-0.0813	71	0.2277	125	-0.1183
21	0.0757	72	0.2247	126	-0.0883
22	0.1257	73	0.1937	127	-0.1063
23	0.1437	74	-0.0463	128	-0.0893
24	0.1527	75	0.1147	129	-0.1783
25	0.1557	76	0.1487	135	-0.0943
26	0.1717	77	0.2257	136	-0.0903
27	0.1747	78	0.2427	137	-0.0893
28	0.1107	79	0.2577	138	-0.0153
29	-0.0413	80	0.2387	139	-0.0163
30	0.0447	81	0.1527	140	-0.0163
32	-0.1353	82	-0.0703	141	0.0147
33	-0.1463	83	0.1617	142	0.0187
34	0.0247	84	0.2547	143	0.0177
35	0.1297	85	0.2637	145	-0.0913
36	0.1617	86	0.2377	147	0.0137
37	0.1707	87	0.2117	151	0.1307
38	0.1767	88	0.1597	152	-0.0093
39	0.1847	89	-0.0833	153	-0.0973
40	0.1867	90	0.2407	154	-0.2393
41	0.1377	91	0.1957	155	0.2207
42	-0.0773	92	0.1877	156	0.3177
43	0.0387	93	0.1797	157	0.1837
44	-0.0273	94	0.1577	158	0.5367
45	-0.0703	95	-0.1003	159	0.4237
46	-0.0193	96	-0.2683	160	0.3977
47	0.1327	97	-0.0693	161	0.3047
48	0.1817	98	-0.0163	162	0.4577
49	0.1797	99	0.1877	163	0.4467
50	0.1957	100	0.1427	164	-0.0163
51	0.1957	101	-0.3642	165	0.2457

ORF	CP	ORF	CP	ORF	CP
166	0.5097	217	-0.1073	268	-0.1963
167	0.4297	218	0.0367	269	-0.1313
168	0.4177	219	0.1087	270	-0.0153
169	0.3367	220	0.1587	271	-0.3083
170	0.1917	221	-0.0523	272	-0.3062
171	0.3277	222	-0.0853	273	-0.0193
172	0.1497	223	0.1797	274	0.0217
173	0.1437	224	0.2877	275	0.3687
174	0.0307	225	0.3677	276	0.5077
175	-0.1113	226	0.2797	277	0.4267
176	-0.2942	227	-0.4993	278	-0.4392
177	-0.0073	228	-0.4223	279	-0.3963
178	-0.1033	229	-0.3352	280	-0.3272
179	-0.0973	230	-0.1313	281	-0.2693
180	-0.3212	231	0.0067	282	-0.1903
181	0.4827	232	0.0367	283	-0.0063
182	0.5777	233	0.0947	284	0.1237
183	0.6127	234	0.1657	285	0.1637
184	0.8567	235	0.0447	286	-0.3593
185	0.9047	236	0.0527	287	-0.1603
186	0.9407	237	0.2437	288	0.0517
187	1.0017	238	0.2017	289	0.0347
188	1.1097	239	0.3187	290	-0.1523
189	1.1957	240	0.2507	291	-0.3553
190	0.3857	241	-0.3193	292	0.1637
191	-0.3052	242	-0.2733	325	0.1457
192	-0.3142	244	-0.0563	326	0.1457
193	-0.3142	245	-0.0023	327	0.1457
194	-0.3153	246	0.0207	328	0.1407
195	-0.3083	247	0.0837	329	0.1377
196	-0.3172	248	0.1467	330	0.1407
197	-0.3153	249	0.1297	331	0.1477
198	-0.3183	250	0.1457	332	0.1467
199	-0.3193	251	-0.1403	333	0.1397
200	-0.3142	252	-0.2253	334	0.1377
201	-0.3123	253	0.3567	335	0.1407
202	-0.3083	254	0.2847	336	0.1467
203	-0.3123	255	-0.5463	337	0.1427
204	-0.3123	256	-0.4843	338	0.1437
205	0.2607	257	-0.4153	339	0.1447
206	0.3057	258	-0.2533	340	0.1437
207	0.3057	259	-0.0343	341	0.1377
208	0.2947	260	0.0077	350	0.1247
210	0.3207	261	0.1027	351	0.1217
211	0.4617	262	0.1827	352	0.1287
212	0.3977	263	0.0057	353	0.1277
213	-0.3762	264	-0.0503	354	0.1307
214	-0.3003	265	-0.1703	355	0.1257
215	-0.2513	266	-0.1353		
216	-0.1773	267	-0.0583		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1144
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 824.
TUNNEL STAGNATION PRESSURE(PSF) = 1917.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = -14.20
FIN ANGLE(DEG) = -0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2144
247	1.2144
347	1.2134
447	1.2144
547	1.2144
647	1.2144
747	1.2144

ORF	CP	ORF	CP	ORF	CP
1	0.6524	52	0.4334	102	0.0194
2	0.1874	53	0.2104	103	-0.0676
3	-0.2826	54	0.2114	104	-0.0556
4	-0.2686	55	0.2174	105	0.1094
5	-0.2016	56	0.1534	110	-0.2056
6	-0.1516	57	0.1154	111	-0.2266
7	-0.0896	58	0.5004	112	-0.1986
8	0.1754	59	0.5474	113	-0.2396
9	0.3214	60	0.5344	114	0.0394
10	0.4214	61	0.5054	115	0.0484
11	0.4924	62	0.4634	116	0.0474
12	0.5254	63	0.3944	117	0.0434
13	0.5254	64	0.0624	118	0.0434
14	0.4044	65	0.0764	119	0.0504
15	0.3174	66	0.2334	120	-0.2736
16	0.2764	67	0.4964	121	0.0314
17	0.0374	68	0.5484	122	0.0484
18	-0.1226	69	0.5344	123	0.0444
19	-0.1896	70	0.5134	124	-0.2606
20	-0.1616	71	0.4804	125	-0.2216
21	-0.1016	72	0.4364	126	-0.1996
22	0.1554	73	0.3564	127	-0.2126
23	0.4054	74	0.0434	128	-0.2006
24	0.4944	75	0.5684	129	-0.2786
25	0.5374	76	0.5484	135	-0.1776
26	0.5424	77	0.5194	136	-0.1846
27	0.5124	78	0.4884	137	-0.1996
28	0.3774	79	0.4494	138	-0.0476
29	0.2604	80	0.4044	139	-0.0526
30	0.1914	81	0.2984	140	-0.0486
32	-0.0286	82	0.0324	141	0.0474
33	-0.0926	83	0.5104	142	0.0424
34	-0.1166	84	0.5204	143	0.0374
35	0.2174	85	0.4764	145	-0.1886
36	0.4004	86	0.4404	147	0.0434
37	0.4844	87	0.4034	151	0.5684
38	0.5494	88	0.3294	152	0.1324
39	0.5424	89	0.0224	153	0.1054
40	0.4974	90	0.4794	154	-0.0446
41	0.3704	91	0.4614	155	0.3424
42	0.2434	92	0.4334	156	0.6114
43	0.1844	93	0.4014	157	0.4134
44	0.1134	94	0.3464	158	0.8814
45	0.0504	95	0.0334	159	0.7634
46	0.0014	96	-0.2696	160	0.6784
47	0.3504	97	0.1164	161	0.5664
48	0.4984	98	0.0934	162	0.8044
49	0.5304	99	0.5154	163	0.8004
50	0.5324	100	0.3154	164	-0.0516
51	0.4984	101	0.2854	165	0.5084

ORF	CP	ORF	CP	ORF	CP
166	0.9394	217	0.4774	268	0.3504
167	0.8144	218	0.4964	269	0.6474
168	0.7384	219	0.5324	270	0.7214
169	0.5834	220	0.5154	271	0.2994
170	0.4424	221	-0.2296	272	0.2644
171	0.6834	222	0.0414	273	0.5814
172	0.4254	223	0.1554	274	0.6304
173	0.5024	224	0.1054	275	0.7474
174	0.4064	225	0.6244	276	0.8484
175	0.2444	226	0.5834	277	0.7264
176	-0.0756	227	-0.4236	278	-0.4166
177	0.2644	228	-0.2896	279	-0.4056
178	0.2034	229	-0.1376	280	-0.3646
179	0.1494	230	0.1444	281	-0.3056
180	-0.3796	231	0.3224	282	-0.2106
181	0.7514	232	0.4034	283	-0.1456
182	0.8764	233	0.4984	284	0.3674
183	0.0954	234	0.5124	285	0.5214
184	0.2274	235	0.3224	286	0.2964
185	0.3884	236	0.1764	287	0.2564
186	0.6524	237	-0.0406	288	0.4974
187	0.8554	238	-0.0816	289	0.6914
188	1.0344	239	0.6144	290	0.6894
189	1.1434	240	0.5884	291	-0.5216
190	-0.3536	241	-0.4356	292	-0.1546
191	-0.3516	242	-0.2976	325	0.0684
192	-0.3546	244	-0.1076	326	0.0694
193	-0.3536	245	-0.1116	327	0.0674
194	-0.3556	246	0.1484	328	0.0654
195	-0.3456	247	0.5094	329	0.0604
196	-0.3696	248	0.5644	330	0.0634
197	-0.3586	249	0.5064	331	0.0704
198	-0.3656	250	0.0684	332	0.0674
199	-0.3726	251	0.0744	333	0.0664
200	-0.3476	252	0.4214	334	0.0624
201	-0.3476	253	0.7694	335	0.0654
202	-0.3526	254	0.7054	336	0.0634
203	-0.3556	255	-0.4916	337	0.0684
204	-0.3506	256	-0.4446	338	0.0684
205	0.4054	257	-0.4056	339	0.0684
206	0.5374	258	-0.3416	340	0.0674
207	0.4864	259	-0.2466	341	0.0604
208	0.4494	260	-0.0926	350	0.0514
210	0.4474	261	0.4554	351	0.0474
211	0.6474	262	0.5814	352	0.0464
212	0.6304	263	0.3564	353	0.0474
213	0.3184	264	0.4224	354	0.0414
214	0.4164	265	0.6984	355	0.0424
215	0.4464	266	0.7004		
216	0.4664	267	0.3414		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1145
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.346
TUNNEL DYNAMIC PRESSURE(PSF) = 823.
TUNNEL STAGNATION PRESSURE(PSF) = 1914.
TUNNEL STATIC PRESSURE(PSF) = 648.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -8.17
FIN ANGLE(DEG) = 0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2176
247	1.2166
347	1.2176
447	1.2186
547	1.2126
647	1.2126
747	1.2126

ORF	CP	ORF	CP	ORF	CP
166	0.8476	217	0.2736	268	0.2566
167	0.7306	218	0.2786	269	0.5196
168	0.6776	219	0.2906	270	0.5976
169	0.5446	220	0.3216	271	0.1866
170	0.3436	221	-0.2514	272	0.1576
171	0.6516	222	-0.0514	273	0.4396
172	0.4016	223	0.1166	274	0.4776
173	0.3826	224	0.0686	275	0.5076
174	0.3106	225	0.4626	276	0.7576
175	0.1246	226	0.4306	277	0.6536
176	-0.1024	227	-0.3614	278	-0.4024
177	0.1746	228	-0.1814	279	-0.3724
178	0.1386	229	-0.0474	280	-0.3094
179	0.1106	230	0.1016	281	-0.2674
180	-0.3484	231	0.1756	282	-0.1964
181	0.4616	232	0.2136	283	-0.1384
182	0.6296	233	0.2626	284	0.0846
183	0.2316	234	0.3196	285	0.3566
184	0.3366	235	0.1966	286	0.1846
185	0.4456	236	0.0966	287	0.1456
186	0.5586	237	-0.0714	288	0.3446
187	0.6386	238	-0.1044	289	0.5326
188	0.7366	239	0.4436	290	0.5616
189	0.8366	240	0.4066	291	-0.4924
190	-0.3234	241	-0.3984	292	0.1336
191	-0.3304	242	-0.2324	325	0.1366
192	-0.3244	244	-0.0544	326	0.1436
193	-0.3254	245	-0.0444	327	0.1406
194	-0.3294	246	0.0306	328	0.1376
195	-0.3264	247	0.2286	329	0.1436
196	-0.3554	248	0.3696	330	0.1396
197	-0.3304	249	0.3586	331	0.1436
198	-0.3444	250	0.1416	332	0.1416
199	-0.3524	251	0.0386	333	0.1376
200	-0.3254	252	0.3016	334	0.1436
201	-0.3184	253	0.5656	335	0.1416
202	-0.3244	254	0.5336	336	0.1426
203	-0.3254	255	-0.4844	337	0.1376
204	-0.3194	256	-0.3984	338	0.1446
205	0.3456	257	-0.3234	339	0.1416
206	0.4166	258	-0.2434	340	0.1386
207	0.4176	259	-0.1554	341	0.1446
208	0.3936	260	-0.0624	350	0.1146
210	0.3186	261	0.1506	351	0.1206
211	0.4816	262	0.4196	352	0.1156
212	0.4746	263	0.2176	353	0.1196
213	0.1496	264	0.3286	354	0.1156
214	0.2396	265	0.5826	355	0.1136
215	0.2466	266	0.5746		
216	0.2876	267	0.2016		

ORF	CP	ORF	CP	ORF	CP
1	0.5756	52	0.3856	102	0.1966
2	0.1506	53	0.1856	103	-0.1474
3	-0.2564	54	0.1106	104	-0.1454
4	-0.2494	55	0.1526	105	0.0086
5	-0.2024	56	0.0906	110	-0.1724
6	-0.1554	57	0.0486	111	-0.1744
7	-0.0934	58	0.0056	112	-0.1504
8	-0.0344	59	-0.0124	113	-0.1904
9	0.0256	60	0.2736	114	0.1286
10	0.1176	61	0.3966	115	0.1266
11	0.2736	62	0.4126	116	0.1246
12	0.3356	63	0.3536	117	0.1216
13	0.3746	64	0.0656	118	0.1156
14	0.2966	65	0.0696	119	0.1166
15	0.2126	66	0.1606	120	-0.1914
16	0.2386	67	0.1186	121	0.1136
17	0.0106	68	0.0796	122	0.1216
18	-0.1444	69	0.0456	123	0.1266
19	-0.1954	70	0.3116	124	-0.1704
20	-0.1694	71	0.4156	125	-0.1574
21	-0.1094	72	0.3966	126	-0.1374
22	-0.0354	73	0.3156	127	-0.1514
23	0.0456	74	0.0316	128	-0.1464
24	0.1596	75	0.1866	129	-0.2274
25	0.3066	76	0.1426	135	-0.1394
26	0.3886	77	0.1316	136	-0.1454
27	0.3956	78	0.3956	137	-0.1454
28	0.3006	79	0.4106	138	-0.0424
29	0.1746	80	0.3546	139	-0.0404
30	0.1486	81	0.2446	140	-0.0424
32	-0.0694	82	0.0056	141	0.0196
33	-0.1304	83	0.1816	142	0.0206
34	-0.1274	84	0.1556	143	0.0246
35	-0.0754	85	0.3986	145	-0.1464
36	0.0246	86	0.3696	147	0.0246
37	0.1426	87	0.3396	151	0.4426
38	0.3466	88	0.2666	152	0.1446
39	0.4086	89	-0.0114	153	0.0456
40	0.4046	90	0.1936	154	-0.1014
41	0.3096	91	0.2426	155	0.2576
42	0.1476	92	0.3576	156	0.5036
43	0.1276	93	0.3276	157	0.3886
44	0.0556	94	0.2776	158	0.7716
45	-0.0034	95	-0.0124	159	0.6786
46	-0.0494	96	-0.2454	160	0.6306
47	-0.0764	97	0.0766	161	0.5356
48	-0.0224	98	0.0396	162	0.7166
49	0.1936	99	0.2656	163	0.7386
50	0.3696	100	0.2516	164	-0.0424
51	0.4126	101	0.1746	165	0.4666

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1146
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 824.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = 0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2124
247	1.2114
347	1.2124
447	1.2124
547	1.2134
647	1.2134
747	1.2134

ORF	CP	ORF	CP	ORF	CP
1	0.4724	52	0.2944	102	0.0714
2	0.0954	53	0.1184	103	-0.2656
3	-0.2176	54	0.0154	104	-0.2536
4	-0.2146	55	0.1134	105	-0.1246
5	-0.1806	56	0.0534	110	-0.1386
6	-0.1336	57	0.0134	111	-0.1376
7	-0.0446	58	-0.0196	112	-0.1226
8	0.0104	59	0.0354	113	-0.1586
9	0.0664	60	0.1814	114	0.1294
10	0.1214	61	0.2774	115	0.1304
11	0.1714	62	0.3034	116	0.1304
12	0.2214	63	0.2794	117	0.1284
13	0.2504	64	0.0064	118	0.1294
14	0.1804	65	0.0044	119	0.1284
15	0.1014	66	0.1134	120	-0.1666
16	0.1774	67	0.0764	121	0.1194
17	-0.0166	68	0.0414	122	0.1284
18	-0.1486	69	0.0364	123	0.1324
19	-0.1786	70	0.1764	124	-0.1456
20	-0.1476	71	0.3264	125	-0.1216
21	-0.0676	72	0.3194	126	-0.1006
22	0.0194	73	0.2614	127	-0.1166
23	0.0704	74	-0.0076	128	-0.1176
24	0.1394	75	0.1424	129	-0.2036
25	0.1974	76	0.1024	135	-0.1116
26	0.2524	77	0.0824	136	-0.1176
27	0.2784	78	0.1884	137	-0.1186
28	0.1984	79	0.3254	138	-0.0296
29	0.0674	80	0.3014	139	-0.0266
30	0.1064	81	0.1964	140	-0.0246
32	-0.0866	82	-0.0316	141	0.0054
33	-0.1296	83	0.1434	142	0.0064
34	-0.1086	84	0.1064	143	0.0084
35	-0.0136	85	0.1554	145	-0.1176
36	0.0744	86	0.2884	147	0.0074
37	0.1424	87	0.2714	151	0.3054
38	0.2124	88	0.2134	152	0.0654
39	0.2764	89	-0.0486	153	-0.0336
40	0.2954	90	0.1454	154	-0.1706
41	0.2274	91	0.0764	155	0.1814
42	0.0424	92	0.2014	156	0.3964
43	0.0884	93	0.2514	157	0.2904
44	0.0204	94	0.2144	158	0.6384
45	-0.0326	95	-0.0586	159	0.5564
46	-0.0726	96	-0.2156	160	0.5244
47	-0.0496	97	0.0034	161	0.4474
48	0.0484	98	0.0074	162	0.5764
49	0.1554	99	0.0864	163	0.5974
50	0.2514	100	0.1804	164	-0.0256
51	0.2984	101	0.0384	165	0.3774

ORF	CP	ORF	CP	ORF	CP
166	0.7114	217	0.1474	268	0.1224
167	0.5874	218	0.1544	269	0.4034
168	0.5694	219	0.1764	270	0.4794
169	0.4494	220	0.1894	271	0.0594
170	0.3094	221	-0.2996	272	0.0264
171	0.5304	222	-0.0596	273	0.3164
172	0.3184	223	0.0664	274	0.3594
173	0.2724	224	0.0234	275	0.3754
174	0.1974	225	0.3534	276	0.6304
175	0.0194	226	0.2824	277	0.5514
176	-0.1606	227	-0.2456	278	-0.3906
177	0.0854	228	-0.1316	279	-0.3356
178	0.0544	229	-0.0506	280	-0.2566
179	0.0284	230	0.0494	281	-0.2176
180	-0.3326	231	0.0904	282	-0.1776
181	0.2564	232	0.1154	283	-0.1066
182	0.4014	233	0.1524	284	0.0974
183	0.4494	234	0.1904	285	0.2464
184	0.6374	235	0.0754	286	0.0564
185	0.7174	236	0.0014	287	0.0184
186	0.7714	237	-0.1176	288	0.2144
187	0.8514	238	-0.1406	289	0.4164
188	0.9384	239	0.3744	290	0.4394
189	0.9974	240	0.3114	291	-0.4456
190	-0.3156	241	-0.3986	292	0.1184
191	-0.3276	242	-0.2786	325	0.1464
192	-0.3156	244	-0.0516	326	0.1474
193	-0.3156	245	-0.0066	327	0.1444
194	-0.3176	246	0.0344	328	0.1494
195	-0.3216	247	0.1324	329	0.1514
196	-0.3406	248	0.2204	330	0.1564
197	-0.3166	249	0.2124	331	0.1474
198	-0.3196	250	0.1484	332	0.1444
199	-0.3256	251	-0.0296	333	0.1504
200	-0.3206	252	0.1994	334	0.1514
201	-0.3146	253	0.4504	335	0.1554
202	-0.3156	254	0.4054	336	0.1474
203	-0.3146	255	-0.4986	337	0.1474
204	-0.3136	256	-0.4136	338	0.1454
205	0.2954	257	-0.3276	339	0.1434
206	0.3374	258	-0.2076	340	0.1494
207	0.3484	259	-0.1016	341	0.1524
208	0.3314	260	-0.0286	350	0.1254
210	0.3144	261	0.1154	351	0.1264
211	0.3844	262	0.2914	352	0.1244
212	0.3384	263	0.1004	353	0.1264
213	-0.1606	264	0.1914	354	0.1244
214	-0.0396	265	0.4474	355	0.1334
215	0.0364	266	0.4514		
216	0.1024	267	0.0794		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1147
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.345
TUNNEL DYNAMIC PRESSURE(PSF) = 824.
TUNNEL STAGNATION PRESSURE(PSF) = 1917.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = 0.05
FIN ANGLE(DEG) = 0.49
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2112
247	1.2112
347	1.2112
447	1.2122
547	1.2112
647	1.2112
747	1.2112

ORF	CP	ORF	CP	ORF	CP
1	0.3562	52	0.1852	102	-0.0168
2	0.0312	53	0.0432	103	-0.3338
3	-0.2148	54	-0.0788	104	-0.3188
4	-0.1808	55	0.0682	105	-0.2128
5	-0.1198	56	0.0302	110	-0.1528
6	-0.0408	57	0.0142	111	-0.1458
7	0.0362	58	0.0972	112	-0.1358
8	0.0702	59	0.1662	113	-0.1698
9	0.0902	60	0.1882	114	0.1192
10	0.1082	61	0.1902	115	0.1252
11	0.1282	62	0.1972	116	0.1202
12	0.1462	63	0.1872	117	0.1222
13	0.1562	64	-0.0608	118	0.1222
14	0.0862	65	-0.0668	119	0.1282
15	0.0082	66	0.0802	120	-0.1908
16	0.1122	67	0.0842	121	0.1042
17	-0.0608	68	0.1152	122	0.1172
18	-0.1668	69	0.1782	123	0.1202
19	-0.1598	70	0.1922	124	-0.1628
20	-0.0578	71	0.2062	125	-0.1458
21	0.0512	72	0.2282	126	-0.1228
22	0.1022	73	0.2042	127	-0.1348
23	0.1162	74	-0.0528	128	-0.1268
24	0.1252	75	0.1262	129	-0.2228
25	0.1382	76	0.1442	135	-0.1248
26	0.1592	77	0.2232	136	-0.1278
27	0.1702	78	0.2182	137	-0.1278
28	0.0972	79	0.2452	138	-0.0488
29	-0.0298	80	0.2412	139	-0.0458
30	0.0552	81	0.1542	140	-0.0458
32	-0.1058	82	-0.0758	141	-0.0138
33	-0.0728	83	0.1552	142	-0.0178
34	0.0002	84	0.2262	143	-0.0158
35	0.0952	85	0.2402	145	-0.1268
36	0.1282	86	0.2292	147	-0.0148
37	0.1382	87	0.2082	151	0.1722
38	0.1592	88	0.1612	152	-0.0318
39	0.1712	89	-0.0958	153	-0.1088
40	0.1862	90	0.2192	154	-0.2718
41	0.1312	91	0.1912	155	0.1222
42	-0.0658	92	0.1852	156	0.3082
43	0.0432	93	0.1762	157	0.1692
44	-0.0138	94	0.1472	158	0.5212
45	-0.0388	95	-0.1098	159	0.4302
46	0.0282	96	-0.2208	160	0.4022
47	0.1132	97	-0.0868	161	0.3402
48	0.1472	98	0.0702	162	0.4532
49	0.1592	99	0.2182	163	0.4612
50	0.1792	100	0.1272	164	-0.0448
51	0.1882	101	-0.0388	165	0.2642

ORF	CP	ORF	CP	ORF	CP
166	0.5762	217	-0.1938	268	0.0212
167	0.4552	218	-0.0208	269	0.2932
168	0.4452	219	0.1012	270	0.3622
169	0.3392	220	0.1692	271	-0.0288
170	0.2792	221	-0.3478	272	-0.0588
171	0.3692	222	-0.1598	273	0.2212
172	0.1962	223	0.0602	274	0.2672
173	0.1602	224	0.0292	275	0.3282
174	0.0682	225	0.3902	276	0.5162
175	-0.1198	226	0.2992	277	0.4292
176	-0.2298	227	-0.5438	278	-0.4058
177	-0.0168	228	-0.4868	279	-0.3518
178	-0.0808	229	-0.4028	280	-0.2618
179	-0.1048	230	-0.2148	281	-0.1888
180	-0.3288	231	-0.0458	282	-0.1088
181	0.4272	232	-0.0018	283	-0.0118
182	0.5952	233	0.0912	284	0.1052
183	0.6002	234	0.1752	285	0.1532
184	0.7432	235	0.0282	286	-0.0438
185	0.8372	236	-0.0518	287	-0.0798
186	0.8422	237	-0.1868	288	0.1472
187	0.8962	238	-0.2058	289	0.3172
188	1.0082	239	0.3252	290	0.3152
189	1.0562	240	0.2572	291	-0.4528
190	-0.3178	241	-0.3278	292	0.1582
191	-0.3298	242	-0.2838	325	0.1592
192	-0.3178	244	-0.0608	326	0.1572
193	-0.3178	245	-0.0188	327	0.1612
194	-0.3208	246	0.0022	328	0.1632
195	-0.3228	247	0.0742	329	0.1602
196	-0.3298	248	0.1482	330	0.1542
197	-0.3198	249	0.1352	331	0.1592
198	-0.3218	250	0.1562	332	0.1602
199	-0.3258	251	-0.1018	333	0.1632
200	-0.3258	252	0.0952	334	0.1602
201	-0.3208	253	0.3652	335	0.1552
202	-0.3168	254	0.3062	336	0.1572
203	-0.3188	255	-0.5168	337	0.1592
204	-0.3198	256	-0.4498	338	0.1582
205	0.2442	257	-0.3558	339	0.1622
206	0.2762	258	-0.1818	340	0.1612
207	0.2872	259	-0.0318	341	0.1582
208	0.2922	260	0.0082	350	0.1322
210	0.3542	261	0.0932	351	0.1282
211	0.5252	262	0.1762	352	0.1252
212	0.4462	263	0.0282	353	0.1182
213	-0.3868	264	0.0812	354	0.1162
214	-0.3398	265	0.3172	355	0.1172
215	-0.3038	266	0.3382		
216	-0.2508	267	-0.0148		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1148
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.344
TUNNEL DYNAMIC PRESSURE(PSF) = 824.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 651.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = 3.96
FIN ANGLE(DEG) = 0.23
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2100
247	1.2090
347	1.2100
447	1.2100
547	1.2110
647	1.2110
747	1.2110

ORF	CP	ORF	CP	ORF	CP
1	0.2930	52	0.1160	102	-0.0680
2	-0.0370	53	-0.0320	103	-0.3740
3	-0.3330	54	-0.1440	104	-0.3660
4	-0.2930	55	0.0410	105	-0.2600
5	-0.1630	56	0.0830	110	-0.1140
6	-0.0060	57	0.1380	111	-0.1100
7	0.0600	58	0.1480	112	-0.1030
8	0.0810	59	0.1420	113	-0.1350
9	0.0900	60	0.1480	114	0.1650
10	0.1040	61	0.1430	115	0.1660
11	0.1110	62	0.1310	116	0.1620
12	0.1200	63	0.1030	117	0.1620
13	0.1200	64	-0.1380	118	0.1570
14	0.0340	65	-0.1440	119	0.1630
15	-0.0410	66	0.1230	120	-0.1750
16	0.0340	67	0.1500	121	0.1600
17	-0.1370	68	0.1520	122	0.1680
18	-0.2430	69	0.1490	123	0.1690
19	-0.1900	70	0.1520	124	-0.1490
20	-0.0090	71	0.1480	125	-0.1250
21	0.0920	72	0.1310	126	-0.1000
22	0.1050	73	0.0850	127	-0.1160
23	0.1090	74	-0.1470	128	-0.1050
24	0.1130	75	0.1720	129	-0.1960
25	0.1190	76	0.1650	135	-0.1050
26	0.1260	77	0.1600	136	-0.1070
27	0.1220	78	0.1540	137	-0.1040
28	0.0430	79	0.1480	138	-0.0250
29	-0.0830	80	0.1190	139	-0.0230
30	-0.0260	81	0.0360	140	-0.0260
32	-0.1610	82	-0.1640	141	0.0110
33	-0.0310	83	0.1720	142	0.0150
34	0.0790	84	0.1660	143	0.0130
35	0.1110	85	0.1620	145	-0.1090
36	0.1240	86	0.1320	147	0.0130
37	0.1260	87	0.0950	151	0.1150
38	0.1290	88	0.0490	152	-0.0950
39	0.1350	89	-0.1740	153	-0.1650
40	0.1220	90	0.1750	154	-0.3200
41	0.0570	91	0.1110	155	0.0520
42	-0.1250	92	0.0940	156	0.1940
43	-0.0290	93	0.0750	157	0.0590
44	-0.0590	94	0.0420	158	0.4380
45	0.0070	95	-0.1850	159	0.3290
46	0.1170	96	-0.3290	160	0.2900
47	0.1330	97	-0.1480	161	0.2100
48	0.1310	98	0.1440	162	0.3760
49	0.1380	99	0.1580	163	0.3480
50	0.1400	100	0.0280	164	-0.0240
51	0.1380	101	-0.0910	165	0.1460

ORF	CP	ORF	CP	ORF	CP
166	0.4800	217	-0.0430	268	-0.0230
167	0.3310	218	-0.0390	269	0.2290
168	0.3020	219	0.0250	270	0.2870
169	0.1970	220	0.0930	271	-0.0810
170	0.2420	221	-0.2890	272	-0.1020
171	0.2510	222	-0.1370	273	0.1870
172	0.0820	223	0.0130	274	0.2310
173	0.1040	224	-0.0170	275	0.3890
174	0.0140	225	0.4540	276	0.4490
175	-0.1790	226	0.3810	277	0.3570
176	-0.2680	227	-0.5330	278	-0.4780
177	-0.0710	228	-0.4820	279	-0.4470
178	-0.1760	229	-0.4230	280	-0.3950
179	-0.1950	230	-0.3290	281	-0.3210
180	-0.3150	231	-0.1200	282	-0.1760
181	0.2270	232	-0.0000	283	0.0130
182	0.3920	233	0.0400	284	0.0940
183	0.4530	234	0.1290	285	0.1280
184	0.5600	235	-0.0810	286	-0.0850
185	0.5970	236	-0.0900	287	-0.1230
186	0.6680	237	-0.1630	288	0.1200
187	0.7440	238	-0.1970	289	0.2640
188	0.8900	239	0.3590	290	0.2570
189	0.9740	240	0.2930	291	-0.0960
190	-0.3150	241	-0.5180	292	0.2570
191	-0.3400	242	-0.4470	325	0.1720
192	-0.3150	244	-0.1470	326	0.1840
193	-0.3170	245	-0.1150	327	0.1830
194	-0.3180	246	-0.0450	328	0.1730
195	-0.3310	247	0.0620	329	0.1750
196	-0.3340	248	0.1350	330	0.1830
197	-0.3180	249	0.0930	331	0.1840
198	-0.3200	250	0.1800	332	0.1840
199	-0.3240	251	-0.1460	333	0.1750
200	-0.3280	252	0.0450	334	0.1760
201	-0.3200	253	0.3560	335	0.1830
202	-0.3170	254	0.2660	336	0.1820
203	-0.3140	255	-0.5670	337	0.1730
204	-0.3170	256	-0.5140	338	0.1830
205	0.2660	257	-0.4610	339	0.1840
206	0.3030	258	-0.3200	340	0.1730
207	0.3140	259	-0.0650	341	0.1750
208	0.3270	260	-0.0020	350	0.1670
210	0.3060	261	0.0780	351	0.1700
211	0.4000	262	0.1430	352	0.1670
212	0.3110	263	-0.0140	353	0.1680
213	-0.4160	264	0.0330	354	0.1630
214	-0.3640	265	0.2530	355	0.1690
215	-0.2470	266	0.2730		
216	-0.0950	267	-0.0490		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1149
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9740E 06
MODEL ANGLE OF ATTACK(DEG) = 7.91
FIN ANGLE(DEG) = 0.11
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2111
247	1.2091
347	1.2101
447	1.2101
547	1.2121
647	1.2111
747	1.2111

ORF	CP	ORF	CP	ORF	CP
1	0.3541	52	0.1311	102	-0.1029
2	0.0031	53	-0.0139	103	-0.4469
3	-0.3619	54	-0.1219	104	-0.4229
4	-0.3509	55	-0.0199	105	-0.3329
5	-0.3229	56	-0.0739	110	-0.1249
6	-0.2969	57	-0.1079	111	-0.1199
7	-0.2439	58	-0.1369	112	-0.1179
8	-0.1539	59	-0.1109	113	-0.1489
9	-0.0439	60	0.0081	114	0.1471
10	0.0031	61	0.1081	115	0.1431
11	0.0491	62	0.1391	116	0.1471
12	0.0921	63	0.1161	117	0.1501
13	0.1211	64	-0.1159	118	0.1441
14	0.0561	65	-0.1209	119	0.1421
15	-0.0189	66	-0.0229	120	-0.2169
16	0.0611	67	-0.0579	121	0.1371
17	-0.1319	68	-0.0899	122	0.1481
18	-0.2639	69	-0.0979	123	0.1541
19	-0.3159	70	-0.0269	124	-0.1759
20	-0.3059	71	0.0971	125	-0.1599
21	-0.2559	72	0.1321	126	-0.1379
22	-0.1519	73	0.0911	127	-0.1489
23	-0.0409	74	-0.1259	128	-0.1439
24	0.0171	75	-0.0129	129	-0.2209
25	0.0721	76	-0.0439	135	-0.1389
26	0.1161	77	-0.0659	136	-0.1399
27	0.1301	78	-0.0169	137	-0.1419
28	0.0661	79	0.0971	138	-0.0429
29	-0.0609	80	0.1161	139	-0.0459
30	-0.0139	81	0.0421	140	-0.0479
32	-0.1999	82	-0.1419	141	0.0081
33	-0.2559	83	0.0141	142	0.0031
34	-0.2639	84	-0.0419	143	0.0081
35	-0.2079	85	-0.0279	145	-0.1429
36	-0.0759	86	0.0651	147	0.0041
37	0.0171	87	0.0941	151	0.1461
38	0.0781	88	0.0441	152	-0.1019
39	0.1301	89	-0.1639	153	-0.1759
40	0.1401	90	-0.0219	154	-0.2939
41	0.0801	91	-0.0519	155	-0.0259
42	-0.1059	92	-0.0189	156	0.1911
43	-0.0319	93	0.0521	157	0.0611
44	-0.0969	94	0.0221	158	0.4901
45	-0.1469	95	-0.1929	159	0.3321
46	-0.1809	96	-0.3499	160	0.3021
47	-0.1889	97	-0.1209	161	0.2421
48	-0.1159	98	-0.0909	162	0.3311
49	0.0181	99	-0.0039	163	0.3511
50	0.1041	100	-0.0189	164	-0.0489
51	0.1421	101	-0.1419	165	0.1621

ORF	CP	ORF	CP	ORF	CP
166	0.5521	217	0.0151	268	-0.0169
167	0.3351	218	0.0251	269	0.2341
168	0.3251	219	-0.0069	270	0.2961
169	0.2241	220	0.0391	271	-0.1209
170	0.1391	221	-0.3349	272	-0.1349
171	0.2971	222	-0.1919	273	0.1451
172	0.0831	223	-0.0579	274	0.1471
173	0.1071	224	-0.0949	275	0.4881
174	0.0191	225	0.3961	276	0.5061
175	-0.1369	226	0.2901	277	0.4151
176	-0.3029	227	-0.5689	278	-0.4749
177	-0.1019	228	-0.5269	279	-0.4609
178	-0.1349	229	-0.4859	280	-0.4219
179	-0.1489	230	-0.3679	281	-0.3699
180	-0.3169	231	-0.0809	282	-0.3189
181	0.0051	232	-0.0119	283	-0.2789
182	0.2561	233	-0.0219	284	-0.0249
183	0.7431	234	0.0601	285	0.1151
184	0.9991	235	-0.1559	286	-0.1249
185	1.0701	236	-0.1739	287	-0.1499
186	1.1781	237	-0.2199	288	0.0321
187	1.2921	238	-0.2589	289	0.2191
188	1.3631	239	0.3831	290	0.2551
189	1.3871	240	0.3231	291	-0.0829
190	-0.3269	241	-0.5589	292	0.3971
191	-0.3589	242	-0.4839	325	0.1671
192	-0.3269	244	-0.2439	326	0.1631
193	-0.3269	245	-0.1959	327	0.1631
194	-0.3259	246	-0.1809	328	0.1571
195	-0.3479	247	-0.0149	329	0.1581
196	-0.3339	248	0.1081	330	0.1651
197	-0.3269	249	0.0101	331	0.1641
198	-0.3269	250	0.1701	332	0.1641
199	-0.3269	251	-0.2089	333	0.1591
200	-0.3449	252	0.0551	334	0.1581
201	-0.3279	253	0.4261	335	0.1641
202	-0.3269	254	0.3371	336	0.1651
203	-0.3259	255	-0.5659	337	0.1651
204	-0.3279	256	-0.5329	338	0.1601
205	0.2701	257	-0.5139	339	0.1631
206	0.3361	258	-0.4559	340	0.1601
207	0.3301	259	-0.3329	341	0.1561
208	0.3241	260	-0.1439	350	0.1331
210	0.2341	261	-0.0309	351	0.1371
211	0.3771	262	0.1531	352	0.1311
212	0.2681	263	-0.1189	353	0.1391
213	-0.4299	264	0.0371	354	0.1441
214	-0.3899	265	0.2611	355	0.1431
215	-0.2939	266	0.2701		
216	-0.1239	267	-0.0919		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1150
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.337
TUNNEL DYNAMIC PRESSURE(PSF) = 823.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 658.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 14.17
FIN ANGLE(DEG) = -0.01
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2025
247	1.2005
347	1.2005
447	1.2015
547	1.1965
647	1.1955
747	1.1955

ORF	CP	ORF	CP	ORF	CP
1	0.4705	52	-0.2365	102	-0.0495
2	0.0795	53	-0.2515	103	-0.3125
3	-0.3435	54	-0.1305	104	-0.3395
4	-0.3315	55	0.0135	105	-0.2895
5	-0.2995	56	-0.0505	110	-0.1315
6	-0.2775	57	-0.0895	111	-0.1255
7	-0.2675	58	-0.1315	112	-0.1285
8	-0.2485	59	-0.1635	113	-0.1665
9	-0.2395	60	-0.1865	114	0.1155
10	-0.2295	61	-0.2055	115	0.1095
11	-0.2285	62	-0.2195	116	0.1085
12	-0.2175	63	-0.1965	117	0.1095
13	-0.2135	64	-0.3195	118	0.1125
14	-0.2235	65	-0.2965	119	0.1145
15	-0.0845	66	-0.0145	120	-0.2905
16	0.1365	67	-0.0385	121	0.0995
17	-0.0715	68	-0.0805	122	0.1105
18	-0.2175	69	-0.1075	123	0.1165
19	-0.2845	70	-0.1295	124	-0.2595
20	-0.2945	71	-0.1535	125	-0.2435
21	-0.2795	72	-0.1695	126	-0.2165
22	-0.2595	73	-0.1785	127	-0.2305
23	-0.2555	74	-0.3135	128	-0.2175
24	-0.2445	75	-0.0115	129	-0.2905
25	-0.2415	76	-0.0355	135	-0.1985
26	-0.2275	77	-0.0665	136	-0.2055
27	-0.2225	78	-0.0875	137	-0.2175
28	-0.2305	79	-0.1085	138	-0.0605
29	-0.0975	80	-0.1175	139	-0.0705
30	0.0475	81	-0.0965	140	-0.0735
32	-0.1605	82	-0.2665	141	0.0165
33	-0.2275	83	0.0215	142	0.0205
34	-0.2605	84	-0.0035	143	0.0055
35	-0.2735	85	-0.0555	145	-0.2175
36	-0.2645	86	-0.0505	147	0.0115
37	-0.2635	87	-0.0625	151	0.3085
38	-0.2545	88	-0.0805	152	0.0215
39	-0.2505	89	-0.2685	153	-0.0925
40	-0.2355	90	0.0155	154	-0.2375
41	-0.2415	91	-0.0185	155	0.1575
42	-0.2035	92	-0.0465	156	0.3185
43	0.0175	93	-0.0675	157	0.2025
44	-0.0605	94	-0.0795	158	0.5975
45	-0.1255	95	-0.2695	159	0.5425
46	-0.1665	96	-0.3295	160	0.4495
47	-0.2055	97	-0.3185	161	0.3705
48	-0.2315	98	-0.0785	162	0.4665
49	-0.2485	99	-0.0475	163	0.4615
50	-0.2525	100	-0.0985	164	-0.0765
51	-0.2485	101	-0.0505	165	0.2635

ORF	CP	ORF	CP	ORF	CP
166	0.5845	217	-0.0165	268	0.0115
167	0.4785	218	-0.0005	269	0.2485
168	0.4255	219	0.0615	270	0.2955
169	0.3075	220	0.1145	271	-0.1065
170	0.4675	221	-0.3755	272	-0.1045
171	0.3885	222	-0.2645	273	0.1175
172	0.1815	223	-0.1455	274	0.1585
173	0.2225	224	-0.1815	275	0.5705
174	0.0955	225	0.2955	276	0.6305
175	-0.1215	226	0.1965	277	0.5315
176	-0.2855	227	-0.6005	278	-0.4605
177	0.0355	228	-0.5665	279	-0.4465
178	0.0075	229	-0.5325	280	-0.4135
179	-0.0105	230	-0.4745	281	-0.3635
180	-0.3635	231	-0.3575	282	-0.3025
181	-0.1955	232	-0.2155	283	-0.2875
182	0.1425	233	-0.0595	284	-0.2435
183	0.8675	234	0.0495	285	-0.2285
184	1.0915	235	-0.0905	286	-0.1035
185	1.0325	236	-0.1855	287	-0.1345
186	1.1455	237	-0.4105	288	0.0315
187	1.3225	238	-0.4335	289	0.1755
188	1.4155	239	0.3375	290	0.3665
189	1.4105	240	0.3285	291	-0.1385
190	-0.3515	241	-0.5435	292	0.5755
191	-0.3925	242	-0.4805	325	0.1525
192	-0.3515	244	-0.4255	326	0.1465
193	-0.3525	245	-0.4165	327	0.1455
194	-0.3525	246	-0.3995	328	0.1475
195	-0.3775	247	-0.2625	329	0.1455
196	-0.3565	248	0.0135	330	0.1405
197	-0.3555	249	0.0635	331	0.1475
198	-0.3545	250	0.1415	332	0.1475
199	-0.3545	251	-0.2105	333	0.1505
200	-0.3785	252	0.1715	334	0.1475
201	-0.3545	253	0.5275	335	0.1425
202	-0.3505	254	0.4445	336	0.1565
203	-0.3505	255	-0.5515	337	0.1515
204	-0.3555	256	-0.5265	338	0.1465
205	0.0975	257	-0.5085	339	0.1465
206	0.2465	258	-0.4745	340	0.1495
207	0.1345	259	-0.3985	341	0.1435
208	0.0795	260	-0.3085	350	0.1115
210	0.0165	261	-0.2655	351	0.1125
211	0.3905	262	-0.2535	352	0.1125
212	0.3245	263	-0.1285	353	0.1105
213	-0.3275	264	0.1465	354	0.1145
214	-0.1735	265	0.3785	355	0.1115
215	-0.1065	266	0.3595		
216	-0.0075	267	-0.1625		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1151
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 60.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 0.02
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.2081
247	1.2061
347	1.2071
447	1.2061
547	1.2021
647	1.2011
747	1.2011

ORF	CP	ORF	CP	ORF	CP
1	0.3621	52	0.1881	102	-0.0239
2	0.0301	53	0.0491	103	-0.3279
3	-0.2169	54	-0.0799	104	-0.3179
4	-0.1829	55	0.0721	105	-0.2109
5	-0.1289	56	0.0231	110	-0.1229
6	-0.0429	57	0.0371	111	-0.1159
7	0.0371	58	0.1101	112	-0.1069
8	0.0741	59	0.1561	113	-0.1399
9	0.0991	60	0.1811	114	0.1451
10	0.1091	61	0.1991	115	0.1401
11	0.1281	62	0.2081	116	0.1401
12	0.1431	63	0.1931	117	0.1421
13	0.1541	64	-0.0609	118	0.1421
14	0.0821	65	-0.0709	119	0.1421
15	0.0151	66	0.0841	120	-0.1589
16	0.1131	67	0.0681	121	0.1311
17	-0.0599	68	0.1011	122	0.1391
18	-0.1599	69	0.1721	123	0.1391
19	-0.1489	70	0.1861	124	-0.1309
20	-0.0639	71	0.2051	125	-0.1149
21	0.0561	72	0.2101	126	-0.0929
22	0.0961	73	0.1831	127	-0.1039
23	0.1141	74	-0.0489	128	-0.0999
24	0.1281	75	0.1281	129	-0.1899
25	0.1441	76	0.1431	135	-0.0959
26	0.1571	77	0.1911	136	-0.0999
27	0.1691	78	0.2171	137	-0.0979
28	0.1001	79	0.2401	138	-0.0209
29	-0.0179	80	0.2311	139	-0.0179
30	0.0571	81	0.1581	140	-0.0159
32	-0.1079	82	-0.0669	141	0.0121
33	-0.0989	83	0.1561	142	0.0101
34	0.0241	84	0.1971	143	0.0101
35	0.1061	85	0.2441	145	-0.1009
36	0.1281	86	0.2331	147	0.0101
37	0.1431	87	0.2141	151	0.1701
38	0.1531	88	0.1691	152	-0.0389
39	0.1751	89	-0.0859	153	-0.1109
40	0.1881	90	0.2121	154	-0.2699
41	0.1341	91	0.1881	155	0.1131
42	-0.0649	92	0.1931	156	0.3071
43	0.0441	93	0.1861	157	0.1701
44	-0.0129	94	0.1501	158	0.5171
45	-0.0419	95	-0.1059	159	0.4241
46	0.0151	96	-0.2129	160	0.4121
47	0.1011	97	-0.0829	161	0.3471
48	0.1431	98	0.0661	162	0.4631
49	0.1591	99	0.2291	163	0.4771
50	0.1751	100	0.1271	164	-0.0189
51	0.1881	101	-0.0459	165	0.2631

ORF	CP	ORF	CP	ORF	CP
166	0.5771	217	-0.1749	268	0.0251
167	0.4591	218	-0.0189	269	0.2941
168	0.4481	219	0.0991	270	0.3641
169	0.3411	220	0.1701	271	-0.0229
170	0.2811	221	-0.3579	272	-0.0649
171	0.3771	222	-0.1649	273	0.2221
172	0.1961	223	0.0591	274	0.2691
173	0.1601	224	0.0361	275	0.3271
174	0.0711	225	0.3951	276	0.5181
175	-0.1169	226	0.3041	277	0.4281
176	-0.2259	227	-0.5399	278	-0.4029
177	-0.0119	228	-0.4769	279	-0.3479
178	-0.0859	229	-0.3969	280	-0.2519
179	-0.1099	230	-0.2219	281	-0.1969
180	-0.3239	231	-0.0409	282	-0.1229
181	0.4481	232	0.0041	283	-0.0239
182	0.6181	233	0.0881	284	0.1031
183	0.5871	234	0.1791	285	0.1561
184	0.7631	235	0.0321	286	-0.0399
185	0.8201	236	-0.0509	287	-0.0809
186	0.8431	237	-0.1869	288	0.1491
187	0.8871	238	-0.2019	289	0.3171
188	0.9731	239	0.3291	290	0.3221
189	1.0501	240	0.2591	291	-0.4459
190	-0.3159	241	-0.3269	292	0.1581
191	-0.3269	242	-0.2849	325	0.1601
192	-0.3159	244	-0.0599	326	0.1551
193	-0.3169	245	-0.0179	327	0.1641
194	-0.3179	246	-0.0019	328	0.1671
195	-0.3199	247	0.0751	329	0.1611
196	-0.3269	248	0.1511	330	0.1581
197	-0.3189	249	0.1451	331	0.1571
198	-0.3189	250	0.1541	332	0.1631
199	-0.3239	251	-0.0989	333	0.1681
200	-0.3209	252	0.0921	334	0.1631
201	-0.3189	253	0.3721	335	0.1591
202	-0.3149	254	0.3131	336	0.1601
203	-0.3169	255	-0.5239	337	0.1611
204	-0.3179	256	-0.4429	338	0.1511
205	0.2691	257	-0.3689	339	0.1661
206	0.2971	258	-0.1939	340	0.1661
207	0.3151	259	-0.0279	341	0.1601
208	0.3111	260	0.0061	350	0.1431
210	0.3631	261	0.0901	351	0.1491
211	0.5231	262	0.1741	352	0.1521
212	0.4501	263	0.0221	353	0.1511
213	-0.3839	264	0.0781	354	0.1401
214	-0.3389	265	0.3131	355	0.1441
215	-0.2949	266	0.3391		
216	-0.2449	267	-0.0039		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1152
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 790.
TUNNEL STAGNATION PRESSURE(PSF) = 1902.
TUNNEL STATIC PRESSURE(PSF) = 787.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = 0.30
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.0878
247	1.0888
347	1.0878
447	1.0888
547	1.0858
647	1.0858
747	1.0858

ORF	CP	ORF	CP	ORF	CP
1	0.5538	52	0.3258	102	0.1928
2	0.1448	53	0.0918	103	-0.1502
3	0.0158	54	0.0368	104	-0.1332
4	0.0158	55	0.4998	105	0.0478
5	0.0838	56	0.4808	110	-0.2242
6	0.1698	57	0.4738	111	-0.2462
7	0.2518	58	0.4648	112	-0.2112
8	0.3268	59	0.4468	113	-0.2552
9	0.3738	60	0.4268	114	0.0378
10	0.4158	61	0.3938	115	0.0358
11	0.4278	62	0.3548	116	0.0358
12	0.4248	63	0.2868	117	0.0398
13	0.4008	64	-0.0862	118	0.0378
14	0.2838	65	-0.0702	119	0.0388
15	0.2078	66	0.5088	120	-0.2842
16	0.2568	67	0.4878	121	0.0228
17	0.1598	68	0.4618	122	0.0358
18	0.1458	69	0.4368	123	0.0378
19	0.2728	70	0.4088	124	-0.2542
20	0.2848	71	0.3768	125	-0.2192
21	0.3428	72	0.3308	126	-0.1942
22	0.3798	73	0.2448	127	-0.2052
23	0.4098	74	-0.0942	128	-0.1882
24	0.4298	75	0.4978	129	-0.2972
25	0.4388	76	0.4628	135	-0.1742
26	0.4228	77	0.4228	136	-0.1832
27	0.3818	78	0.3908	137	-0.1882
28	0.2478	79	0.3528	138	-0.0152
29	0.1638	80	0.3028	139	-0.0122
30	0.2738	81	0.1808	140	-0.0062
32	0.3458	82	-0.1052	141	0.0948
33	0.3688	83	0.4308	142	0.0898
34	0.3928	84	0.4268	143	0.0888
35	0.4228	85	0.3838	145	-0.1792
36	0.4358	86	0.3468	147	0.0948
37	0.4368	87	0.3018	151	0.4538
38	0.4288	88	0.2148	152	0.1548
39	0.4128	89	-0.1132	153	0.0158
40	0.3678	90	0.4048	154	-0.2072
41	0.2498	91	0.3748	155	0.4408
42	0.1308	92	0.3408	156	0.4698
43	0.4408	93	0.3038	157	0.2648
44	0.4338	94	0.2378	158	0.7258
45	0.4398	95	-0.0952	159	0.6258
46	0.4498	96	0.0468	160	0.5458
47	0.4528	97	-0.0502	161	0.4108
48	0.4458	98	0.4488	162	0.6908
49	0.4338	99	0.4138	163	0.6238
50	0.4178	100	0.2038	164	-0.0122
51	0.3818	101	0.1288	165	0.3238

ORF	CP	ORF	CP	ORF	CP
166	0.7788	217	0.5518	268	0.2828
167	0.6238	218	0.5668	269	0.5598
168	0.5638	219	0.5558	270	0.6298
169	0.4078	220	0.5118	271	0.1638
170	0.6758	221	-0.2852	272	0.2118
171	0.5148	222	-0.1002	273	0.5798
172	0.2788	223	0.1558	274	0.6228
173	0.4408	224	0.1038	275	0.8248
174	0.2988	225	0.7938	276	0.7778
175	0.0668	226	0.6508	277	0.6348
176	-0.1862	227	0.0148	278	-0.0992
177	0.2158	228	0.0248	279	-0.0962
178	0.1038	229	0.0518	280	-0.0952
179	0.1368	230	0.1478	281	-0.0812
180	-0.4162	231	0.3638	282	0.0278
181	0.6708	232	0.4568	283	0.1748
182	0.8218	233	0.4988	284	0.3958
183	0.2678	234	0.4868	285	0.4318
184	0.4338	235	0.2648	286	0.1438
185	0.6788	236	0.0998	287	0.1838
186	1.0198	237	-0.1372	288	0.5568
187	1.1578	238	-0.1852	289	0.6208
188	1.1968	239	0.6878	290	0.6098
189	1.2128	240	0.6018	291	-0.6292
190	-0.3872	241	-0.2932	292	0.1318
191	-0.3962	242	-0.1982	325	0.0638
192	-0.3912	244	0.0528	326	0.0658
193	-0.3912	245	0.2618	327	0.0638
194	-0.3992	246	0.3688	328	0.0648
195	-0.3902	247	0.4558	329	0.0658
196	-0.4292	248	0.4708	330	0.0678
197	-0.3942	249	0.4158	331	0.0678
198	-0.4072	250	0.0668	332	0.0648
199	-0.4202	251	-0.0032	333	0.0648
200	-0.3912	252	0.3238	334	0.0668
201	-0.3852	253	0.7228	335	0.0698
202	-0.3912	254	0.6068	336	0.0618
203	-0.3912	255	-0.1572	337	0.0628
204	-0.3902	256	-0.1352	338	0.0648
205	0.4938	257	-0.1262	339	0.0648
206	0.6078	258	-0.0922	340	0.0648
207	0.5718	259	0.0138	341	0.0648
208	0.5708	260	0.1858	350	0.0388
210	0.5498	261	0.4228	351	0.0398
211	0.8578	262	0.4648	352	0.0388
212	0.7548	263	0.2848	353	0.0368
213	-0.0392	264	0.3448	354	0.0398
214	0.2438	265	0.5748	355	0.0418
215	0.3578	266	0.6078		
216	0.4968	267	0.2408		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1153
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.195
TUNNEL DYNAMIC PRESSURE(PSF) = 789.
TUNNEL STAGNATION PRESSURE(PSF) = 1903.
TUNNEL STATIC PRESSURE(PSF) = 790.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -8.13
FIN ANGLE(DEG) = 0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.0847
247	1.0837
347	1.0837
447	1.0847
547	1.0747
647	1.0747
747	1.0747

ORF	CP	ORF	CP	ORF	CP
1	0.4757	52	0.2777	102	0.1247
2	0.0117	53	0.0507	103	-0.2663
3	-0.4223	54	-0.0533	104	-0.2543
4	-0.3593	55	0.4737	105	-0.0673
5	-0.2503	56	0.4597	110	-0.1703
6	0.1187	57	0.4427	111	-0.1593
7	0.2737	58	0.4207	112	-0.1093
8	0.3597	59	0.4017	113	-0.1653
9	0.3907	60	0.3797	114	0.0967
10	0.4077	61	0.3507	115	0.0977
11	0.4077	62	0.3087	116	0.0977
12	0.3927	63	0.2427	117	0.0957
13	0.3617	64	-0.1163	118	0.0967
14	0.2177	65	-0.1113	119	0.0977
15	0.1367	66	0.4637	120	-0.1933
16	0.1147	67	0.4407	121	0.0877
17	-0.1213	68	0.4177	122	0.0937
18	-0.2753	69	0.3937	123	0.0937
19	-0.2943	70	0.3647	124	-0.1463
20	0.2097	71	0.3317	125	-0.1253
21	0.3377	72	0.2857	126	-0.0913
22	0.4027	73	0.2047	127	-0.1133
23	0.4227	74	-0.1303	128	-0.1123
24	0.4187	75	0.4507	129	-0.2343
25	0.4077	76	0.4137	135	-0.1103
26	0.3867	77	0.3787	136	-0.1173
27	0.3417	78	0.3437	137	-0.1133
28	0.1987	79	0.3027	138	0.0017
29	0.0907	80	0.2537	139	0.0087
30	0.0347	81	0.1387	140	0.0077
32	-0.1883	82	-0.1403	141	0.0867
33	0.1387	83	0.3847	142	0.0817
34	0.3827	84	0.3717	143	0.0777
35	0.4367	85	0.3237	145	-0.1233
36	0.4357	86	0.2857	147	0.0837
37	0.4227	87	0.2457	151	0.3677
38	0.4027	88	0.1637	152	0.0477
39	0.3767	89	-0.1563	153	-0.0653
40	0.3277	90	0.3337	154	-0.2733
41	0.2027	91	0.3097	155	0.2277
42	0.0667	92	0.2767	156	0.4097
43	0.0277	93	0.2387	157	0.2077
44	0.3967	94	0.1767	158	0.6867
45	0.4527	95	-0.1493	159	0.5907
46	0.4437	96	-0.4033	160	0.5057
47	0.4327	97	-0.0953	161	0.3837
48	0.4157	98	0.4277	162	0.6597
49	0.3977	99	0.3717	163	0.6097
50	0.3727	100	0.1487	164	0.0037
51	0.3347	101	0.0957	165	0.3087

ORF	CP	ORF	CP	ORF	CP
166	0.7557	217	0.3267	268	0.1737
167	0.5987	218	0.3637	269	0.4777
168	0.5307	219	0.4077	270	0.5447
169	0.3687	220	0.3837	271	0.1127
170	0.4357	221	-0.3173	272	0.0767
171	0.4887	222	-0.0323	273	0.4367
172	0.2337	223	0.0977	274	0.5067
173	0.3317	224	0.0337	275	0.6597
174	0.2097	225	0.6137	276	0.6917
175	0.0037	226	0.5067	277	0.5547
176	-0.2423	227	-0.6183	278	-0.6013
177	0.1137	228	-0.5093	279	-0.5613
178	-0.0523	229	-0.3433	280	-0.5003
179	-0.0923	230	0.0047	281	-0.4073
180	-0.3963	231	0.2227	282	-0.2973
181	0.5547	232	0.3247	283	0.1047
182	0.7107	233	0.3847	284	0.3777
183	0.2957	234	0.3837	285	0.3747
184	0.4247	235	0.1767	286	0.1087
185	0.5487	236	0.0297	287	0.0567
186	0.6837	237	-0.1473	288	0.3747
187	0.8127	238	-0.1993	289	0.5417
188	0.9077	239	0.5677	290	0.5267
189	1.0257	240	0.4937	291	-0.6773
190	-0.3773	241	-0.6733	292	0.0917
191	-0.3753	242	-0.5583	325	0.1107
192	-0.3723	244	-0.2703	326	0.1107
193	-0.3713	245	0.0767	327	0.1117
194	-0.3803	246	0.2767	328	0.1127
195	-0.3733	247	0.3857	329	0.1117
196	-0.4003	248	0.3987	330	0.1107
197	-0.3803	249	0.3367	331	0.1127
198	-0.3993	250	0.1107	332	0.1127
199	-0.4043	251	-0.0803	333	0.1137
200	-0.3743	252	0.2367	334	0.1127
201	-0.3693	253	0.6157	335	0.1127
202	-0.3743	254	0.5087	336	0.1147
203	-0.3763	255	-0.6973	337	0.1107
204	-0.3693	256	-0.6263	338	0.1117
205	0.4657	257	-0.5663	339	0.1127
206	0.5407	258	-0.4593	340	0.1137
207	0.5317	259	-0.2483	341	0.1117
208	0.5317	260	0.2027	350	0.0977
210	0.4647	261	0.3957	351	0.0987
211	0.6507	262	0.4167	352	0.0957
212	0.5697	263	0.1887	353	0.0967
213	-0.2353	264	0.2447	354	0.0967
214	0.0037	265	0.5177	355	0.0957
215	0.1107	266	0.5267		
216	0.2287	267	0.1657		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1154
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 794.
TUNNEL STAGNATION PRESSURE(PSF) = 1912.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.28
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0768
247	1.0768
347	1.0768
447	1.0778
547	1.0788
647	1.0778
747	1.0778

ORF	CP	ORF	CP	ORF	CP
1	0.3918	52	0.2328	102	0.0258
2	-0.0172	53	0.0198	103	-0.3512
3	-0.3072	54	-0.1222	104	-0.3342
4	-0.2312	55	0.3738	105	-0.1592
5	-0.0842	56	0.4038	110	-0.1662
6	0.0718	57	0.3908	111	-0.1782
7	0.1998	58	0.3678	112	-0.1422
8	0.2318	59	0.3508	113	-0.1882
9	0.2838	60	0.3288	114	0.0908
10	0.2978	61	0.2978	115	0.0908
11	0.3018	62	0.2598	116	0.0888
12	0.3018	63	0.1988	117	0.0898
13	0.2688	64	-0.1442	118	0.0898
14	0.1428	65	-0.1442	119	0.0908
15	0.0518	66	0.4088	120	-0.1822
16	0.0768	67	0.3858	121	0.0858
17	-0.1142	68	0.3618	122	0.0928
18	-0.2252	69	0.3388	123	0.0918
19	-0.0642	70	0.3188	124	-0.1322
20	0.1488	71	0.2808	125	-0.1012
21	0.2598	72	0.2378	126	-0.0652
22	0.3118	73	0.1598	127	-0.0832
23	0.3278	74	-0.1602	128	-0.0762
24	0.3258	75	0.3958	129	-0.2082
25	0.3168	76	0.3578	135	-0.0762
26	0.3008	77	0.3258	136	-0.0762
27	0.2638	78	0.2938	137	-0.0832
28	0.1368	79	0.2558	138	0.0038
29	0.0078	80	0.2018	139	0.0078
30	0.0118	81	0.0978	140	0.0058
32	-0.1452	82	-0.1772	141	0.0728
33	0.1658	83	0.3478	142	0.0738
34	0.3068	84	0.3368	143	0.0668
35	0.3408	85	0.2778	145	-0.0832
36	0.3418	86	0.2398	147	0.0688
37	0.3358	87	0.1968	151	0.2648
38	0.3208	88	0.1218	152	-0.0112
39	0.2938	89	-0.1852	153	-0.1172
40	0.2598	90	0.2738	154	-0.3212
41	0.1478	91	0.2598	155	0.1958
42	-0.0472	92	0.2228	156	0.3478
43	0.0218	93	0.1878	157	0.1528
44	0.0098	94	0.1308	158	0.6028
45	0.2148	95	-0.1822	159	0.4898
46	0.3848	96	-0.2972	160	0.4318
47	0.3668	97	-0.1272	161	0.3238
48	0.3568	98	0.3678	162	0.5848
49	0.3378	99	0.3258	163	0.5108
50	0.3168	100	0.1038	164	0.0068
51	0.2778	101	-0.0112	165	0.2328

ORF	CP	ORF	CP	ORF	CP
166	0.6758	217	0.1698	268	0.0978
167	0.4858	218	0.2088	269	0.4058
168	0.4378	219	0.2538	270	0.4758
169	0.3008	220	0.2418	271	0.0188
170	0.4418	221	-0.3272	272	-0.0032
171	0.4128	222	-0.0112	273	0.4028
172	0.1678	223	0.0448	274	0.4598
173	0.2388	224	-0.0202	275	0.5028
174	0.1398	225	0.4238	276	0.5898
175	-0.0932	226	0.3188	277	0.4708
176	-0.2782	227	-0.2992	278	-0.5552
177	0.0468	228	-0.2632	279	-0.4702
178	-0.0922	229	-0.1592	280	-0.3772
179	-0.1152	230	0.0048	281	-0.2832
180	-0.3842	231	0.1278	282	-0.1452
181	0.2968	232	0.1858	283	0.1308
182	0.4448	233	0.2388	284	0.2948
183	0.4748	234	0.2428	285	0.2878
184	0.6508	235	0.0918	286	0.0018
185	0.7288	236	-0.0292	287	-0.0292
186	0.7788	237	-0.1542	288	0.3568
187	0.8358	238	-0.1982	289	0.4698
188	0.9138	239	0.4418	290	0.4488
189	0.9488	240	0.3638	291	-0.6102
190	-0.3662	241	-0.5192	292	0.0748
191	-0.3682	242	-0.4392	325	0.1118
192	-0.3632	244	-0.1242	326	0.1108
193	-0.3682	245	0.0668	327	0.1108
194	-0.3752	246	0.1568	328	0.1138
195	-0.3652	247	0.2498	329	0.1118
196	-0.3902	248	0.2718	330	0.1118
197	-0.3712	249	0.2358	331	0.1118
198	-0.3762	250	0.1138	332	0.1118
199	-0.3792	251	-0.0922	333	0.1148
200	-0.3672	252	0.1638	334	0.1138
201	-0.3642	253	0.5108	335	0.1118
202	-0.3702	254	0.4198	336	0.1118
203	-0.3672	255	-0.6782	337	0.1118
204	-0.3622	256	-0.5772	338	0.1118
205	0.3958	257	-0.5072	339	0.1118
206	0.4348	258	-0.2772	340	0.1138
207	0.4438	259	0.0288	341	0.1118
208	0.4358	260	0.1718	350	0.0908
210	0.4578	261	0.2888	351	0.0888
211	0.4348	262	0.3188	352	0.0888
212	0.3508	263	0.1088	353	0.0898
213	-0.3132	264	0.1758	354	0.0898
214	-0.1642	265	0.4388	355	0.0878
215	-0.0562	266	0.4538		
216	0.0828	267	0.0748		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1155
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 793.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 792.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = 0.13
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0773
247	1.0763
347	1.0763
447	1.0773
547	1.0783
647	1.0773
747	1.0763

ORF	CP	ORF	CP	ORF	CP
1	0.3263	52	0.1493	102	-0.0637
2	-0.0547	53	-0.0357	103	-0.4297
3	-0.2857	54	-0.1757	104	-0.4137
4	-0.1537	55	0.2643	105	-0.2597
5	0.0213	56	0.2533	110	-0.1827
6	0.1153	57	0.2413	111	-0.1867
7	0.1483	58	0.2393	112	-0.1617
8	0.1663	59	0.2373	113	-0.2047
9	0.1783	60	0.2253	114	0.1033
10	0.1833	61	0.2143	115	0.1033
11	0.1893	62	0.1873	116	0.1023
12	0.1873	63	0.1403	117	0.1003
13	0.1663	64	-0.1757	118	0.1013
14	0.0523	65	-0.1797	119	0.1023
15	-0.0357	66	0.2683	120	-0.1987
16	0.0433	67	0.2603	121	0.0923
17	-0.1197	68	0.2543	122	0.1023
18	-0.1427	69	0.2443	123	0.1013
19	0.0853	70	0.2273	124	-0.1447
20	0.1543	71	0.2073	125	-0.1287
21	0.1783	72	0.1823	126	-0.0877
22	0.1913	73	0.1163	127	-0.1127
23	0.1903	74	-0.1967	128	-0.0977
24	0.1933	75	0.2933	129	-0.2327
25	0.1943	76	0.2663	135	-0.0947
26	0.1843	77	0.2483	136	-0.0947
27	0.1513	78	0.2333	137	-0.0977
28	0.0443	79	0.2023	138	0.0073
29	-0.0777	80	0.1443	139	-0.0027
30	-0.0007	81	0.0463	140	0.0013
32	0.0743	82	-0.2117	141	0.0613
33	0.1893	83	0.2753	142	0.0633
34	0.1983	84	0.2623	143	0.0643
35	0.2063	85	0.2223	145	-0.0937
36	0.2023	86	0.1653	147	0.0613
37	0.2103	87	0.1323	151	0.1393
38	0.2003	88	0.0713	152	-0.1087
39	0.1843	89	-0.2167	153	-0.2087
40	0.1633	90	0.2403	154	-0.4127
41	0.0733	91	0.1803	155	0.1723
42	-0.1317	92	0.1483	156	0.2333
43	0.0593	93	0.1193	157	0.0573
44	0.1883	94	0.0713	158	0.5103
45	0.2363	95	-0.2217	159	0.3863
46	0.2293	96	-0.2577	160	0.3313
47	0.2253	97	-0.1877	161	0.2253
48	0.2233	98	0.2223	162	0.4843
49	0.2163	99	0.2513	163	0.3983
50	0.2103	100	0.0473	164	0.0053
51	0.1893	101	-0.0977	165	0.1453

ORF	CP	ORF	CP	ORF	CP
166	0.5583	217	0.0113	268	-0.0037
167	0.3813	218	0.1373	269	0.2983
168	0.3373	219	0.1813	270	0.3743
169	0.2233	220	0.1913	271	-0.0857
170	0.3833	221	-0.3987	272	-0.0977
171	0.2843	222	-0.1787	273	0.3053
172	0.0943	223	0.0583	274	0.3643
173	0.1263	224	-0.0087	275	0.4283
174	0.0263	225	0.4273	276	0.5143
175	-0.2127	226	0.2993	277	0.3983
176	-0.3407	227	-0.6297	278	-0.5617
177	-0.0837	228	-0.5827	279	-0.4877
178	-0.2067	229	-0.4577	280	-0.3747
179	-0.2047	230	-0.1807	281	-0.2427
180	-0.3697	231	0.0463	282	0.0093
181	0.3633	232	0.1153	283	0.1313
182	0.5643	233	0.1673	284	0.1843
183	0.5773	234	0.1923	285	0.1803
184	0.7103	235	0.0073	286	-0.0867
185	0.7793	236	-0.1007	287	-0.1277
186	0.8043	237	-0.2337	288	0.2713
187	0.8613	238	-0.2477	289	0.3723
188	0.9973	239	0.3633	290	0.3313
189	0.9913	240	0.2813	291	-0.4607
190	-0.3687	241	-0.3327	292	0.1703
191	-0.3737	242	-0.3067	325	0.1403
192	-0.3657	244	-0.0607	326	0.1413
193	-0.3667	245	0.0483	327	0.1403
194	-0.3677	246	0.0933	328	0.1403
195	-0.3677	247	0.1543	329	0.1433
196	-0.3797	248	0.1793	330	0.1403
197	-0.3687	249	0.1353	331	0.1413
198	-0.3737	250	0.1433	332	0.1413
199	-0.3767	251	-0.1717	333	0.1413
200	-0.3687	252	0.0553	334	0.1433
201	-0.3657	253	0.4033	335	0.1413
202	-0.3647	254	0.3193	336	0.1423
203	-0.3677	255	-0.6427	337	0.1413
204	-0.3667	256	-0.5667	338	0.1413
205	0.3203	257	-0.4337	339	0.1393
206	0.3453	258	-0.1827	340	0.1413
207	0.3533	259	0.0433	341	0.1433
208	0.3463	260	0.1213	350	0.1023
210	0.4423	261	0.1673	351	0.1023
211	0.5223	262	0.2053	352	0.1023
212	0.4173	263	0.0143	353	0.1013
213	-0.5427	264	0.0573	354	0.1033
214	-0.4877	265	0.3133	355	0.1033
215	-0.4287	266	0.3493		
216	-0.3017	267	-0.0147		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1156
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 795.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 3.94
FIN ANGLE(DEG) = 0.04
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0770
247	1.0760
347	1.0760
447	1.0770
547	1.0770
647	1.0750
747	1.0750

ORF	CP	ORF	CP	ORF	CP
1	0.2300	52	0.0480	102	-0.1180
2	-0.1380	53	-0.1310	103	-0.4420
3	-0.4320	54	-0.2280	104	-0.4260
4	-0.2590	55	0.1410	105	-0.2890
5	-0.0280	56	0.1270	110	-0.1470
6	0.0440	57	0.1260	111	-0.1430
7	0.0700	58	0.1270	112	-0.1280
8	0.0820	59	0.1180	113	-0.1720
9	0.0850	60	0.1130	114	0.1420
10	0.0930	61	0.0990	115	0.1450
11	0.0880	62	0.0750	116	0.1450
12	0.0860	63	0.0280	117	0.1440
13	0.0700	64	-0.2520	118	0.1430
14	-0.0350	65	-0.2460	119	0.1430
15	-0.1100	66	0.1420	120	-0.1840
16	-0.0510	67	0.1460	121	0.1380
17	-0.2310	68	0.1360	122	0.1450
18	-0.2450	69	0.1310	123	0.1430
19	0.0150	70	0.1140	124	-0.1530
20	0.0800	71	0.1010	125	-0.1130
21	0.0920	72	0.0680	126	-0.0780
22	0.0900	73	0.0080	127	-0.1040
23	0.0940	74	-0.2570	128	-0.0890
24	0.0940	75	0.1590	129	-0.2060
25	0.0960	76	0.1430	135	-0.0920
26	0.0880	77	0.1310	136	-0.0860
27	0.0630	78	0.1200	137	-0.0860
28	-0.0420	79	0.0910	138	0.0080
29	-0.1430	80	0.0470	139	0.0070
30	-0.0990	81	-0.0560	140	0.0140
32	0.0470	82	-0.2700	141	0.0770
33	0.0970	83	0.1620	142	0.0840
34	0.0990	84	0.1470	143	0.0800
35	0.0960	85	0.1180	145	-0.0900
36	0.1030	86	0.0650	147	0.0800
37	0.1030	87	0.0350	151	0.0510
38	0.1020	88	-0.0290	152	-0.1790
39	0.0870	89	-0.2850	153	-0.2620
40	0.0590	90	0.1340	154	-0.4370
41	-0.0220	91	0.0650	155	0.0820
42	-0.1870	92	0.0550	156	0.1220
43	0.0460	93	0.0200	157	-0.0340
44	0.1160	94	-0.0260	158	0.4150
45	0.1140	95	-0.2900	159	0.2700
46	0.1150	96	-0.4110	160	0.2230
47	0.1130	97	-0.2620	161	0.1360
48	0.1120	98	0.1150	162	0.3620
49	0.1070	99	0.1280	163	0.2900
50	0.1050	100	-0.0500	164	0.0180
51	0.0820	101	-0.1460	165	0.0560

ORF	CP	ORF	CP	ORF	CP
166	0.4400	217	-0.0740	268	-0.0710
167	0.2700	218	-0.0170	269	0.2040
168	0.2290	219	0.0420	270	0.2640
169	0.1110	220	0.0730	271	-0.1320
170	0.3040	221	-0.3730	272	-0.1540
171	0.1740	222	-0.1850	273	0.1850
172	-0.0070	223	-0.0400	274	0.2360
173	0.0560	224	-0.0880	275	0.4260
174	-0.0310	225	0.4390	276	0.4100
175	-0.2530	226	0.3290	277	0.3050
176	-0.3470	227	-0.7110	278	-0.6430
177	-0.1580	228	-0.6520	279	-0.6050
178	-0.2860	229	-0.5850	280	-0.5170
179	-0.2890	230	-0.4240	281	-0.3930
180	-0.3570	231	-0.0910	282	-0.0880
181	0.1970	232	0.0230	283	0.0470
182	0.3950	233	0.0550	284	0.0900
183	0.5090	234	0.0980	285	0.0850
184	0.6140	235	-0.1060	286	-0.1440
185	0.6550	236	-0.1450	287	-0.1840
186	0.7000	237	-0.2130	288	0.1370
187	0.7780	238	-0.2600	289	0.2500
188	0.8730	239	0.3710	290	0.2310
189	0.9810	240	0.2810	291	-0.1470
190	-0.3720	241	-0.6930	292	0.2900
191	-0.3860	242	-0.6200	325	0.1590
192	-0.3680	244	-0.2880	326	0.1600
193	-0.3700	245	-0.0760	327	0.1600
194	-0.3750	246	0.0050	328	0.1580
195	-0.3810	247	0.0650	329	0.1590
196	-0.3850	248	0.1070	330	0.1580
197	-0.3740	249	0.0560	331	0.1600
198	-0.3720	250	0.1570	332	0.1610
199	-0.3740	251	-0.2290	333	0.1600
200	-0.3850	252	-0.0150	334	0.1600
201	-0.3730	253	0.3420	335	0.1600
202	-0.3730	254	0.2380	336	0.1580
203	-0.3730	255	-0.7200	337	0.1590
204	-0.3720	256	-0.6650	338	0.1610
205	0.3210	257	-0.6120	339	0.1590
206	0.3470	258	-0.3440	340	0.1580
207	0.3510	259	-0.0360	341	0.1590
208	0.3600	260	0.0300	350	0.1450
210	0.3640	261	0.0750	351	0.1460
211	0.3980	262	0.1060	352	0.1430
212	0.2770	263	-0.0560	353	0.1430
213	-0.5580	264	-0.0170	354	0.1440
214	-0.4720	265	0.2140	355	0.1420
215	-0.3840	266	0.2480		
216	-0.1730	267	-0.0850		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1157
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 794.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.01
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0808
247	1.0798
347	1.0798
447	1.0798
547	1.0808
647	1.0798
747	1.0798

ORF	CP	ORF	CP	ORF	CP
1	0.2738	52	0.0628	102	-0.1582
2	-0.1172	53	-0.1162	103	-0.5342
3	-0.5082	54	-0.2442	104	-0.5042
4	-0.4772	55	-0.1232	105	-0.3812
5	-0.4352	56	-0.1632	110	-0.1442
6	-0.3802	57	-0.1162	111	-0.1392
7	-0.1952	58	0.0628	112	-0.1362
8	-0.0552	59	0.1428	113	-0.1762
9	0.0278	60	0.1428	114	0.1548
10	0.0678	61	0.1268	115	0.1558
11	0.0848	62	0.0968	116	0.1568
12	0.0908	63	0.0478	117	0.1548
13	0.0858	64	-0.2432	118	0.1498
14	-0.0152	65	-0.2422	119	0.1508
15	-0.1122	66	-0.0972	120	-0.1902
16	-0.0412	67	0.0018	121	0.1368
17	-0.2512	68	0.1188	122	0.1518
18	-0.3902	69	0.1568	123	0.1498
19	-0.4352	70	0.1398	124	-0.1642
20	-0.3972	71	0.1198	125	-0.1312
21	-0.2442	72	0.0878	126	-0.1002
22	-0.0122	73	0.0218	127	-0.1222
23	0.0718	74	-0.2462	128	-0.1052
24	0.0898	75	0.0728	129	-0.2052
25	0.1008	76	0.1788	135	-0.1052
26	0.0968	77	0.1578	136	-0.1062
27	0.0818	78	0.1408	137	-0.1022
28	-0.0212	79	0.1098	138	0.0118
29	-0.1632	80	0.0588	139	0.0038
30	-0.1252	81	-0.0432	140	0.0028
32	-0.3182	82	-0.2632	141	0.0898
33	-0.3672	83	0.1618	142	0.0868
34	-0.2462	84	0.1638	143	0.0858
35	-0.0172	85	0.1318	145	-0.1052
36	0.0788	86	0.0798	147	0.0868
37	0.1038	87	0.0438	151	0.0848
38	0.1128	88	-0.0252	152	-0.1852
39	0.1068	89	-0.2762	153	-0.2732
40	0.0828	90	0.1308	154	-0.4312
41	-0.0072	91	0.0708	155	-0.0602
42	-0.2162	92	0.0478	156	0.1378
43	-0.1412	93	0.0218	157	-0.0302
44	-0.2082	94	-0.0322	158	0.4488
45	-0.2592	95	-0.2882	159	0.3088
46	-0.1932	96	-0.5002	160	0.2438
47	0.0598	97	-0.2532	161	0.1628
48	0.1148	98	-0.0272	162	0.3038
49	0.1248	99	0.1458	163	0.2928
50	0.1238	100	-0.0542	164	0.0118
51	0.1028	101	-0.1892	165	0.0678

ORF	CP	ORF	CP	ORF	CP
166	0.4608	217	-0.0612	268	-0.0852
167	0.2958	218	-0.0482	269	0.1938
168	0.2438	219	-0.0412	270	0.2568
169	0.1208	220	-0.0122	271	-0.1742
170	0.1748	221	-0.4042	272	-0.1952
171	0.2058	222	-0.2422	273	0.1198
172	-0.0062	223	-0.1202	274	0.1388
173	0.0588	224	-0.1582	275	0.4948
174	-0.0562	225	0.3728	276	0.4558
175	-0.2652	226	0.2488	277	0.3408
176	-0.4002	227	-0.7382	278	-0.6472
177	-0.1662	228	-0.6792	279	-0.6322
178	-0.2662	229	-0.6192	280	-0.5832
179	-0.2952	230	-0.4212	281	-0.5072
180	-0.3582	231	-0.1292	282	-0.4302
181	0.0368	232	-0.0572	283	-0.3402
182	0.3148	233	-0.0402	284	0.0428
183	0.8458	234	0.0088	285	0.0938
184	1.0118	235	-0.2042	286	-0.1722
185	1.0678	236	-0.2382	287	-0.2182
186	1.1438	237	-0.2862	288	0.0208
187	1.2108	238	-0.3372	289	0.1838
188	1.2608	239	0.3778	290	0.2208
189	1.2898	240	0.2978	291	-0.1572
190	-0.3742	241	-0.7412	292	0.3868
191	-0.3972	242	-0.6552	325	0.1658
192	-0.3802	244	-0.4082	326	0.1668
193	-0.3792	245	-0.3092	327	0.1658
194	-0.3762	246	-0.1092	328	0.1688
195	-0.3832	247	-0.0032	329	0.1648
196	-0.3912	248	0.0688	330	0.1658
197	-0.3772	249	-0.0152	331	0.1688
198	-0.3802	250	0.1708	332	0.1668
199	-0.3802	251	-0.2982	333	0.1698
200	-0.4002	252	-0.0092	334	0.1678
201	-0.3782	253	0.3928	335	0.1668
202	-0.3782	254	0.2848	336	0.1678
203	-0.3792	255	-0.7502	337	0.1638
204	-0.3782	256	-0.7122	338	0.1678
205	0.3068	257	-0.6842	339	0.1658
206	0.3558	258	-0.6042	340	0.1678
207	0.3448	259	-0.4432	341	0.1658
208	0.3388	260	-0.1662	350	0.1548
210	0.2998	261	0.0368	351	0.1578
211	0.3368	262	0.1128	352	0.1558
212	0.2128	263	-0.1692	353	0.1518
213	-0.5372	264	-0.0202	354	0.1538
214	-0.4692	265	0.2238	355	0.1538
215	-0.3562	266	0.2358		
216	-0.1982	267	-0.1702		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1158
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.195
TUNNEL DYNAMIC PRESSURE(PSF) = 793.
TUNNEL STAGNATION PRESSURE(PSF) = 1912.
TUNNEL STATIC PRESSURE(PSF) = 794.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 14.22
FIN ANGLE(DEG) = -0.03
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0777
247	1.0757
347	1.0757
447	1.0767
547	1.0727
647	1.0717
747	1.0707

ORF	CP	ORF	CP	ORF	CP
1	0.3597	52	0.0847	102	-0.1213
2	-0.0613	53	-0.0373	103	-0.5803
3	-0.4893	54	-0.1063	104	-0.5303
4	-0.4693	55	-0.1023	105	-0.4503
5	-0.4153	56	-0.1613	110	-0.1423
6	-0.3853	57	-0.2023	111	-0.1463
7	-0.3633	58	-0.2473	112	-0.1483
8	-0.3483	59	-0.2613	113	-0.2023
9	-0.3223	60	-0.2593	114	0.1087
10	-0.2933	61	-0.1513	115	0.1117
11	-0.2253	62	0.0217	116	0.1147
12	-0.1013	63	0.0927	117	0.1067
13	-0.0003	64	-0.1163	118	0.1057
14	0.0007	65	-0.1333	119	0.1047
15	-0.0633	66	-0.1093	120	-0.2903
16	0.0157	67	-0.1433	121	0.0857
17	-0.2113	68	-0.1713	122	0.1107
18	-0.3563	69	-0.1853	123	0.1097
19	-0.4213	70	-0.2003	124	-0.2403
20	-0.4143	71	-0.1303	125	-0.2183
21	-0.3923	72	0.0057	126	-0.2023
22	-0.3733	73	0.0447	127	-0.2033
23	-0.3563	74	-0.1523	128	-0.1903
24	-0.3303	75	-0.0833	129	-0.2913
25	-0.2913	76	-0.1013	135	-0.1903
26	-0.1533	77	-0.1253	136	-0.1793
27	-0.0163	78	-0.1073	137	-0.1873
28	0.0117	79	-0.0223	138	-0.0233
29	-0.0813	80	0.0407	139	-0.0273
30	-0.0783	81	-0.0113	140	-0.0273
32	-0.2993	82	-0.1803	141	0.0707
33	-0.3603	83	-0.0563	142	0.0747
34	-0.3883	84	-0.0963	143	0.0657
35	-0.3873	85	-0.0853	145	-0.1943
36	-0.3613	86	0.0087	147	0.0597
37	-0.3413	87	0.0347	151	0.2037
38	-0.2203	88	0.0197	152	-0.1093
39	-0.1213	89	-0.2053	153	-0.2323
40	0.0187	90	-0.0793	154	-0.4013
41	0.0197	91	-0.0943	155	0.0397
42	-0.0873	92	-0.0483	156	0.2127
43	-0.1043	93	0.0137	157	0.0497
44	-0.1783	94	0.0117	158	0.5827
45	-0.2393	95	-0.2313	159	0.3867
46	-0.2813	96	-0.4813	160	0.3167
47	-0.3123	97	-0.0933	161	0.2257
48	-0.3253	98	-0.1803	162	0.4777
49	-0.3223	99	-0.0963	163	0.4007
50	-0.1673	100	-0.0353	164	-0.0283
51	0.0347	101	-0.1553	165	0.1247

ORF	CP	ORF	CP	ORF	CP
166	0.6777	217	-0.0463	268	-0.0203
167	0.3357	218	-0.0293	269	0.3057
168	0.3037	219	0.0037	270	0.3847
169	0.1887	220	0.0187	271	-0.1553
170	0.4097	221	-0.4513	272	-0.1363
171	0.2997	222	-0.3183	273	0.2677
172	0.0607	223	-0.2043	274	0.3037
173	0.1207	224	-0.2503	275	0.5507
174	0.0007	225	0.2427	276	0.5397
175	-0.2423	226	0.1497	277	0.4357
176	-0.4303	227	-0.7683	278	-0.6373
177	-0.0893	228	-0.7213	279	-0.6223
178	-0.1503	229	-0.6723	280	-0.5803
179	-0.1683	230	-0.5383	281	-0.5123
180	-0.3693	231	-0.2713	282	-0.4243
181	-0.1773	232	-0.1583	283	-0.3973
182	0.1867	233	-0.0233	284	-0.3153
183	0.8747	234	0.0207	285	-0.0223
184	0.9667	235	-0.2243	286	-0.1553
185	0.9457	236	-0.2873	287	-0.1523
186	0.9437	237	-0.4983	288	0.1757
187	1.1127	238	-0.5483	289	0.3367
188	1.2687	239	0.3287	290	0.3497
189	1.3237	240	0.2837	291	0.0377
190	-0.3963	241	-0.7263	292	0.4497
191	-0.4223	242	-0.6503	325	0.1297
192	-0.3963	244	-0.5793	326	0.1367
193	-0.3963	245	-0.5563	327	0.1357
194	-0.3973	246	-0.4953	328	0.1327
195	-0.4213	247	-0.0833	329	0.1327
196	-0.4133	248	0.0737	330	0.1317
197	-0.3993	249	-0.0463	331	0.1357
198	-0.3983	250	0.1307	332	0.1357
199	-0.3993	251	-0.3063	333	0.1347
200	-0.4203	252	0.1167	334	0.1327
201	-0.3963	253	0.4607	335	0.1317
202	-0.4003	254	0.3667	336	0.1337
203	-0.3983	255	-0.7303	337	0.1337
204	-0.3993	256	-0.6983	338	0.1367
205	0.1177	257	-0.6783	339	0.1357
206	0.2467	258	-0.6273	340	0.1327
207	0.1687	259	-0.5323	341	0.1337
208	0.1377	260	-0.4123	350	0.1017
210	0.0927	261	-0.3323	351	0.1077
211	0.2667	262	0.0767	352	0.1077
212	0.1977	263	-0.1003	353	0.1137
213	-0.3673	264	0.0707	354	0.1077
214	-0.2053	265	0.3547	355	0.1077
215	-0.1243	266	0.3587		
216	-0.0523	267	-0.0873		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1159
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 59.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 794.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 793.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 0.14
FIN ANGLE(DEG) = 0.07
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0763
247	1.0753
347	1.0763
447	1.0773
547	1.0753
647	1.0753
747	1.0743

ORF	CP	ORF	CP	ORF	CP
1	0.3093	52	0.1503	102	-0.0667
2	-0.0627	53	-0.0397	103	-0.4417
3	-0.3167	54	-0.1817	104	-0.4157
4	-0.1537	55	0.2703	105	-0.2647
5	0.0363	56	0.2623	110	-0.1497
6	0.1123	57	0.2443	111	-0.1547
7	0.1553	58	0.2443	112	-0.1287
8	0.1713	59	0.2373	113	-0.1687
9	0.1733	60	0.2323	114	0.1283
10	0.1843	61	0.2153	115	0.1273
11	0.1833	62	0.1893	116	0.1283
12	0.1773	63	0.1403	117	0.1283
13	0.1583	64	-0.1757	118	0.1263
14	0.0483	65	-0.1807	119	0.1253
15	-0.0377	66	0.2773	120	-0.1727
16	0.0393	67	0.2693	121	0.1213
17	-0.1287	68	0.2563	122	0.1273
18	-0.1277	69	0.2473	123	0.1263
19	0.0953	70	0.2363	124	-0.1127
20	0.1553	71	0.2143	125	-0.0947
21	0.1863	72	0.1813	126	-0.0597
22	0.1873	73	0.1133	127	-0.0787
23	0.1963	74	-0.1967	128	-0.0647
24	0.1923	75	0.3023	129	-0.2037
25	0.1933	76	0.2753	135	-0.0627
26	0.1893	77	0.2473	136	-0.0627
27	0.1643	78	0.2333	137	-0.0647
28	0.0463	79	0.1973	138	0.0213
29	-0.0757	80	0.1403	139	0.0293
30	-0.0057	81	0.0463	140	0.0263
32	0.0573	82	-0.2117	141	0.0843
33	0.1923	83	0.2683	142	0.0843
34	0.2013	84	0.2613	143	0.0883
35	0.2043	85	0.2223	145	-0.0657
36	0.2033	86	0.1633	147	0.0873
37	0.2043	87	0.1323	151	0.1343
38	0.1973	88	0.0673	152	-0.1107
39	0.1923	89	-0.2227	153	-0.2107
40	0.1603	90	0.2403	154	-0.4157
41	0.0683	91	0.1763	155	0.1723
42	-0.1307	92	0.1463	156	0.2203
43	0.0843	93	0.1173	157	0.0543
44	0.1903	94	0.0703	158	0.5043
45	0.2413	95	-0.2287	159	0.3793
46	0.2263	96	-0.2577	160	0.3273
47	0.2193	97	-0.1907	161	0.2203
48	0.2223	98	0.2263	162	0.4813
49	0.2223	99	0.2523	163	0.4003
50	0.2143	100	0.0503	164	0.0243
51	0.1903	101	-0.1047	165	0.1433

ORF	CP	ORF	CP	ORF	CP
166	0.5623	217	0.0033	268	-0.0037
167	0.3723	218	0.1383	269	0.2953
168	0.3333	219	0.1793	270	0.3683
169	0.2143	220	0.1913	271	-0.0797
170	0.3983	221	-0.3997	272	-0.0937
171	0.2883	222	-0.1637	273	0.3023
172	0.0773	223	0.0583	274	0.3533
173	0.1233	224	-0.0107	275	0.4283
174	0.0263	225	0.4203	276	0.5133
175	-0.2177	226	0.3013	277	0.3893
176	-0.3407	227	-0.6257	278	-0.5427
177	-0.0857	228	-0.5737	279	-0.4967
178	-0.2187	229	-0.4587	280	-0.3787
179	-0.2037	230	-0.1697	281	-0.2247
180	-0.3797	231	0.0483	282	0.0013
181	0.3463	232	0.1213	283	0.1223
182	0.5673	233	0.1693	284	0.1803
183	0.5543	234	0.1903	285	0.1753
184	0.7253	235	0.0043	286	-0.0947
185	0.7803	236	-0.0967	287	-0.1257
186	0.8413	237	-0.2257	288	0.2673
187	0.8493	238	-0.2497	289	0.3713
188	0.9183	239	0.3623	290	0.3353
189	0.9913	240	0.2723	291	-0.4847
190	-0.3727	241	-0.3187	292	0.1673
191	-0.3767	242	-0.3247	325	0.1373
192	-0.3697	244	-0.0537	326	0.1393
193	-0.3707	245	0.0453	327	0.1393
194	-0.3777	246	0.0933	328	0.1383
195	-0.3737	247	0.1483	329	0.1363
196	-0.3787	248	0.1763	330	0.1373
197	-0.3677	249	0.1323	331	0.1403
198	-0.3737	250	0.1423	332	0.1403
199	-0.3797	251	-0.1747	333	0.1383
200	-0.3687	252	0.0563	334	0.1383
201	-0.3687	253	0.4083	335	0.1383
202	-0.3667	254	0.3173	336	0.1363
203	-0.3687	255	-0.6347	337	0.1373
204	-0.3707	256	-0.5297	338	0.1393
205	0.3413	257	-0.4287	339	0.1403
206	0.3623	258	-0.2207	340	0.1393
207	0.3663	259	0.0413	341	0.1363
208	0.3653	260	0.1153	350	0.1283
210	0.4513	261	0.1693	351	0.1263
211	0.5273	262	0.1963	352	0.1283
212	0.4163	263	0.0143	353	0.1293
213	-0.5447	264	0.0553	354	0.1273
214	-0.4927	265	0.3053	355	0.1273
215	-0.4247	266	0.3443		
216	-0.2867	267	-0.0127		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1160
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 763.
TUNNEL STAGNATION PRESSURE(PSF) = 1927.
TUNNEL STATIC PRESSURE(PSF) = 905.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -14.24
FIN ANGLE(DEG) = 0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.9739
247	0.9729
347	0.9739
447	0.9739
547	0.9719
647	0.9719
747	0.9709

ORF	CP	ORF	CP	ORF	CP
1	0.4779	52	0.2319	102	0.1079
2	0.1089	53	-0.0221	103	-0.2331
3	-0.0211	54	0.0359	104	-0.2111
4	-0.0071	55	0.4509	105	-0.0351
5	0.0669	56	0.4299	110	-0.2291
6	0.1629	57	0.4149	111	-0.2441
7	0.2559	58	0.3949	112	-0.2131
8	0.3209	59	0.3739	113	-0.2511
9	0.3569	60	0.3479	114	0.0539
10	0.3769	61	0.3129	115	0.0549
11	0.3799	62	0.2689	116	0.0539
12	0.3659	63	0.1889	117	0.0529
13	0.3309	64	-0.2101	118	0.0529
14	0.1929	65	-0.1411	119	0.0559
15	0.1199	66	0.4439	120	-0.2961
16	0.2319	67	0.4179	121	0.0389
17	0.1649	68	0.3919	122	0.0539
18	0.1799	69	0.3629	123	0.0519
19	0.2259	70	0.3279	124	-0.2381
20	0.2749	71	0.2879	125	-0.2141
21	0.3219	72	0.2339	126	-0.1831
22	0.3599	73	0.1379	127	-0.2041
23	0.3789	74	-0.2181	128	-0.1781
24	0.3849	75	0.4249	129	-0.3191
25	0.3799	76	0.3829	135	-0.1601
26	0.3559	77	0.3429	136	-0.1721
27	0.3059	78	0.3049	137	-0.1721
28	0.1569	79	0.2569	138	-0.0101
29	0.0859	80	0.1999	139	-0.0091
30	0.2959	81	0.0659	140	-0.0051
32	0.3129	82	-0.2331	141	0.1179
33	0.3409	83	0.3609	142	0.1109
34	0.3599	84	0.3439	143	0.1059
35	0.3739	85	0.2959	145	-0.1841
36	0.3819	86	0.2539	147	0.1109
37	0.3799	87	0.2029	151	0.3639
38	0.3629	88	0.1059	152	0.0459
39	0.3359	89	-0.2411	153	-0.0971
40	0.2839	90	0.3229	154	-0.3541
41	0.1499	91	0.2879	155	0.3679
42	0.0609	92	0.2509	156	0.3759
43	0.4049	93	0.2049	157	0.1539
44	0.3999	94	0.1299	158	0.6879
45	0.3969	95	-0.2191	159	0.5549
46	0.3989	96	-0.0281	160	0.4749
47	0.3939	97	-0.1701	161	0.3279
48	0.3819	98	0.3899	162	0.6639
49	0.3649	99	0.3309	163	0.5719
50	0.3399	100	0.0939	164	-0.0081
51	0.2979	101	0.0539	165	0.2409

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1161
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 762.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 904.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -8.12
FIN ANGLE(DEG) = 0.45
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.9776
247	0.9766
347	0.9776
447	0.9776
547	0.9796
647	0.9786
747	0.9796

ORF	CP	ORF	CP	ORF	CP
1	0.3896	52	0.1766	102	0.0146
2	-0.0384	53	-0.0654	103	-0.3504
3	-0.1694	54	-0.1684	104	-0.3374
4	-0.0814	55	0.3756	105	-0.1504
5	0.0496	56	0.3526	110	-0.2064
6	0.1486	57	0.3426	111	-0.2324
7	0.2106	58	0.3256	112	-0.1754
8	0.2456	59	0.3056	113	-0.2034
9	0.2676	60	0.2836	114	0.0826
10	0.2826	61	0.2536	115	0.0806
11	0.2886	62	0.2096	116	0.0806
12	0.2766	63	0.1356	117	0.0836
13	0.2436	64	-0.2464	118	0.0816
14	0.1136	65	-0.2334	119	0.0856
15	0.0336	66	0.3726	120	-0.2074
16	0.0646	67	0.3466	121	0.0786
17	-0.0184	68	0.3216	122	0.0846
18	0.1216	69	0.2976	123	0.0836
19	0.1746	70	0.2676	124	-0.1494
20	0.2096	71	0.2326	125	-0.0964
21	0.2536	72	0.1816	126	-0.0544
22	0.2816	73	0.0926	127	-0.0794
23	0.2936	74	-0.2584	128	-0.0914
24	0.3006	75	0.3576	129	-0.2414
25	0.2936	76	0.3226	135	-0.0774
26	0.2736	77	0.2846	136	-0.0864
27	0.2296	78	0.2476	137	-0.0874
28	0.0926	79	0.2036	138	0.0116
29	-0.0074	80	0.1496	139	0.0146
30	0.1446	81	0.0226	140	0.0076
32	0.2536	82	-0.2694	141	0.1226
33	0.2726	83	0.3026	142	0.1206
34	0.2856	84	0.2816	143	0.1196
35	0.2996	85	0.2356	145	-0.0874
36	0.3066	86	0.1936	147	0.1236
37	0.3026	87	0.1476	151	0.2596
38	0.2916	88	0.0586	152	-0.0304
39	0.2676	89	-0.2794	153	-0.1664
40	0.2206	90	0.2516	154	-0.4084
41	0.0996	91	0.2216	155	0.2706
42	-0.0584	92	0.1846	156	0.3006
43	0.3266	93	0.1446	157	0.0966
44	0.3256	94	0.0736	158	0.5776
45	0.3206	95	-0.2684	159	0.4776
46	0.3216	96	-0.1904	160	0.4106
47	0.3186	97	-0.2154	161	0.2736
48	0.3136	98	0.3216	162	0.5776
49	0.2976	99	0.2786	163	0.4996
50	0.2746	100	0.0416	164	0.0116
51	0.2346	101	-0.0344	165	0.1896

ORF	CP	ORF	CP	ORF	CP
166	0.6706	217	0.3386	268	0.0946
167	0.4956	218	0.3626	269	0.3956
168	0.4316	219	0.3606	270	0.4706
169	0.2776	220	0.3236	271	-0.0014
170	0.5266	221	-0.4394	272	-0.0064
171	0.3826	222	-0.1634	273	0.4106
172	0.1346	223	0.0166	274	0.4816
173	0.2316	224	-0.0544	275	0.6756
174	0.1186	225	0.6026	276	0.6306
175	-0.1394	226	0.4636	277	0.4826
176	-0.3394	227	-0.2484	278	-0.3884
177	0.0176	228	-0.2034	279	-0.3604
178	-0.1134	229	-0.1534	280	-0.3194
179	-0.0914	230	0.0056	281	-0.2314
180	-0.3714	231	0.2286	282	-0.0324
181	0.4656	232	0.3076	283	0.1406
182	0.6286	233	0.3336	284	0.2986
183	0.2636	234	0.3116	285	0.2726
184	0.4106	235	0.0816	286	-0.0174
185	0.5516	236	-0.0644	287	-0.0394
186	0.6716	237	-0.2584	288	0.3896
187	0.7296	238	-0.3084	289	0.4846
188	0.8446	239	0.5776	290	0.4416
189	0.9146	240	0.4706	291	-0.6144
190	-0.3564	241	-0.3944	292	0.0706
191	-0.3614	242	-0.3374	325	0.0896
192	-0.3574	244	-0.0764	326	0.0926
193	-0.3574	245	0.1496	327	0.0896
194	-0.3614	246	0.2356	328	0.0896
195	-0.3574	247	0.2996	329	0.0906
196	-0.3954	248	0.3066	330	0.0916
197	-0.3614	249	0.2476	331	0.0946
198	-0.3684	250	0.0976	332	0.0906
199	-0.3904	251	-0.1744	333	0.0906
200	-0.3564	252	0.1426	334	0.0916
201	-0.3544	253	0.5806	335	0.0936
202	-0.3564	254	0.4416	336	0.0906
203	-0.3584	255	-0.3704	337	0.0906
204	-0.3554	256	-0.3394	338	0.0926
205	0.4786	257	-0.3074	339	0.0906
206	0.5436	258	-0.2164	340	0.0896
207	0.5386	259	-0.0174	341	0.0906
208	0.5526	260	0.1516	350	0.0846
210	0.5046	261	0.2996	351	0.0866
211	0.6306	262	0.3056	352	0.0856
212	0.5356	263	0.1126	353	0.0836
213	-0.1924	264	0.1626	354	0.0846
214	0.0296	265	0.3986	355	0.0816
215	0.1116	266	0.4446		
216	0.2616	267	0.0766		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1162
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 764.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 904.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -4.02
FIN ANGLE(DEG) = 0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.9738
247	0.9738
347	0.9738
447	0.9758
547	0.9748
647	0.9738
747	0.9748

ORF	CP	ORF	CP	ORF	CP
1	0.3168	52	0.1358	102	-0.0562
2	-0.1282	53	-0.0932	103	-0.4292
3	-0.3542	54	-0.2292	104	-0.4092
4	-0.0872	55	0.3198	105	-0.2242
5	0.0438	56	0.2968	110	-0.1892
6	0.1638	57	0.2838	111	-0.2132
7	0.1978	58	0.2738	112	-0.1672
8	0.2278	59	0.2548	113	-0.2102
9	0.2218	60	0.2358	114	0.0768
10	0.2348	61	0.2068	115	0.0778
11	0.2278	62	0.1698	116	0.0778
12	0.2168	63	0.1038	117	0.0748
13	0.1778	64	-0.2672	118	0.0778
14	0.0468	65	-0.2622	119	0.0778
15	-0.0342	66	0.3178	120	-0.1882
16	-0.0162	67	0.2978	121	0.0688
17	-0.1702	68	0.2748	122	0.0738
18	0.0498	69	0.2508	123	0.0748
19	0.1928	70	0.2228	124	-0.1382
20	0.1828	71	0.1908	125	-0.0872
21	0.2248	72	0.1458	126	-0.0412
22	0.2188	73	0.0618	127	-0.0682
23	0.2388	74	-0.2842	128	-0.0692
24	0.2278	75	0.3048	129	-0.2192
25	0.2318	76	0.2768	135	-0.0632
26	0.2128	77	0.2408	136	-0.0692
27	0.1748	78	0.2028	137	-0.0712
28	0.0348	79	0.1598	138	-0.0102
29	-0.0692	80	0.1098	139	-0.0062
30	0.0048	81	-0.0092	140	-0.0042
32	0.2648	82	-0.2942	141	0.0978
33	0.2478	83	0.2618	142	0.0878
34	0.2478	84	0.2388	143	0.0898
35	0.2488	85	0.1928	145	-0.0672
36	0.2508	86	0.1528	147	0.0948
37	0.2438	87	0.1098	151	0.1898
38	0.2348	88	0.0218	152	-0.1032
39	0.2058	89	-0.3052	153	-0.2242
40	0.1588	90	0.2018	154	-0.4382
41	0.0508	91	0.1758	155	0.1718
42	-0.1272	92	0.1398	156	0.2368
43	0.2958	93	0.1008	157	0.0448
44	0.2818	94	0.0348	158	0.5308
45	0.2738	95	-0.3012	159	0.4098
46	0.2668	96	-0.3892	160	0.3458
47	0.2568	97	-0.2452	161	0.2258
48	0.2558	98	0.2668	162	0.5208
49	0.2368	99	0.2368	163	0.4348
50	0.2228	100	0.0028	164	-0.0062
51	0.1848	101	-0.0942	165	0.1378

ORF	CP	ORF	CP	ORF	CP
166	0.5948	217	0.1728	268	0.0148
167	0.4168	218	0.2068	269	0.3358
168	0.3618	219	0.2218	270	0.4058
169	0.2208	220	0.1908	271	-0.0732
170	0.4578	221	-0.4352	272	-0.0852
171	0.3098	222	-0.1252	273	0.3508
172	0.0818	223	-0.0342	274	0.4008
173	0.1608	224	-0.1072	275	0.5608
174	0.0608	225	0.3988	276	0.5398
175	-0.1932	226	0.2798	277	0.4018
176	-0.3602	227	-0.2932	278	-0.6972
177	-0.0632	228	-0.2362	279	-0.6752
178	-0.2112	229	-0.1682	280	-0.4842
179	-0.2062	230	-0.0212	281	-0.3042
180	-0.3582	231	0.1188	282	0.0038
181	0.2768	232	0.1808	283	0.1518
182	0.4388	233	0.2068	284	0.2368
183	0.4798	234	0.1888	285	0.1998
184	0.6708	235	0.0028	286	-0.0892
185	0.7218	236	-0.1272	287	-0.1282
186	0.8008	237	-0.2662	288	0.3038
187	0.8598	238	-0.3062	289	0.4108
188	0.9208	239	0.4548	290	0.3958
189	0.9608	240	0.3468	291	-0.7762
190	-0.3432	241	-0.3902	292	0.0568
191	-0.3422	242	-0.3532	325	0.0878
192	-0.3422	244	-0.1362	326	0.0928
193	-0.3452	245	0.0698	327	0.0878
194	-0.3482	246	0.1478	328	0.0888
195	-0.3412	247	0.2018	329	0.0878
196	-0.3682	248	0.2068	330	0.0898
197	-0.3482	249	0.1538	331	0.0928
198	-0.3492	250	0.0918	332	0.0898
199	-0.3562	251	-0.2072	333	0.0908
200	-0.3432	252	0.0768	334	0.0888
201	-0.3402	253	0.4668	335	0.0908
202	-0.3412	254	0.3528	336	0.0918
203	-0.3412	255	-0.7372	337	0.0878
204	-0.3432	256	-0.7322	338	0.0918
205	0.4158	257	-0.5952	339	0.0878
206	0.4538	258	-0.3202	340	0.0868
207	0.4478	259	0.0128	341	0.0878
208	0.4418	260	0.1668	350	0.0758
210	0.4778	261	0.2318	351	0.0718
211	0.4098	262	0.2238	352	0.0698
212	0.3198	263	0.0248	353	0.0738
213	-0.3242	264	0.0878	354	0.0778
214	-0.2002	265	0.3438	355	0.0748
215	-0.0682	266	0.3938		
216	0.0698	267	-0.0082		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1163
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 766.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 900.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 0.04
FIN ANGLE(DEG) = 0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9771
247	0.9761
347	0.9771
447	0.9771
547	0.9781
647	0.9781
747	0.9781

ORF	CP	ORF	CP	ORF	CP
1	0.2571	52	0.0961	102	-0.1029
2	-0.1369	53	-0.1199	103	-0.4899
3	-0.2689	54	-0.2519	104	-0.4739
4	-0.1199	55	0.2711	105	-0.2929
5	0.0001	56	0.2531	110	-0.1679
6	0.0631	57	0.2431	111	-0.1869
7	0.1191	58	0.2221	112	-0.1449
8	0.1371	59	0.2091	113	-0.1929
9	0.1541	60	0.1951	114	0.0951
10	0.1631	61	0.1701	115	0.0981
11	0.1621	62	0.1341	116	0.0971
12	0.1551	63	0.0741	117	0.0991
13	0.1211	64	-0.2799	118	0.0961
14	-0.0039	65	-0.2789	119	0.0961
15	-0.0799	66	0.2751	120	-0.1869
16	-0.0409	67	0.2551	121	0.0851
17	-0.1269	68	0.2341	122	0.0991
18	0.0141	69	0.2141	123	0.1001
19	0.0921	70	0.1891	124	-0.1229
20	0.1261	71	0.1611	125	-0.1019
21	0.1451	72	0.1181	126	-0.0539
22	0.1621	73	0.0361	127	-0.0799
23	0.1671	74	-0.2979	128	-0.1499
24	0.1721	75	0.2731	129	-0.2399
25	0.1661	76	0.2431	135	-0.0649
26	0.1501	77	0.2111	136	-0.0639
27	0.1101	78	0.1771	137	-0.0709
28	-0.0079	79	0.1311	138	0.0021
29	-0.1169	80	0.0871	139	0.0151
30	-0.0519	81	-0.0309	140	0.0041
32	0.1681	82	-0.3089	141	0.1131
33	0.1751	83	0.2381	142	0.1101
34	0.1821	84	0.2131	143	0.1131
35	0.1901	85	0.1541	145	-0.0659
36	0.1931	86	0.1221	147	0.1131
37	0.1861	87	0.0801	151	0.0901
38	0.1781	88	-0.0029	152	-0.1599
39	0.1501	89	-0.3209	153	-0.2889
40	0.1121	90	0.1601	154	-0.4429
41	0.0061	91	0.1441	155	0.2111
42	-0.1619	92	0.1031	156	0.1601
43	0.2431	93	0.0691	157	-0.0129
44	0.2281	94	0.0061	158	0.4811
45	0.2201	95	-0.3209	159	0.3331
46	0.2171	96	-0.2729	160	0.2801
47	0.2161	97	-0.2759	161	0.1681
48	0.2001	98	0.2211	162	0.4441
49	0.1931	99	0.2101	163	0.3641
50	0.1701	100	-0.0209	164	0.0161
51	0.1411	101	-0.1479	165	0.0801

ORF	CP	ORF	CP	ORF	CP
166	0.5441	217	-0.0379	268	-0.0259
167	0.3541	218	0.0941	269	0.2711
168	0.3031	219	0.1641	270	0.3521
169	0.1591	220	0.1481	271	-0.1309
170	0.4311	221	-0.4619	272	-0.1189
171	0.2511	222	-0.1759	273	0.2961
172	0.0281	223	0.0051	274	0.3591
173	0.0871	224	-0.0779	275	0.4921
174	-0.0019	225	0.4211	276	0.4671
175	-0.2659	226	0.2731	277	0.3351
176	-0.3889	227	-0.4729	278	-0.5559
177	-0.1469	228	-0.4309	279	-0.5089
178	-0.2779	229	-0.3659	280	-0.4229
179	-0.2349	230	-0.2839	281	-0.2689
180	-0.3459	231	-0.0509	282	-0.0409
181	0.3311	232	0.0731	283	0.0881
182	0.4841	233	0.1481	284	0.1681
183	0.4961	234	0.1461	285	0.1451
184	0.6561	235	-0.0419	286	-0.1349
185	0.7421	236	-0.1569	287	-0.1519
186	0.7861	237	-0.2599	288	0.2801
187	0.8561	238	-0.2809	289	0.3571
188	0.9121	239	0.3861	290	0.2991
189	0.9381	240	0.2741	291	-0.3399
190	-0.3409	241	-0.3889	292	0.1381
191	-0.3449	242	-0.3619	325	0.1071
192	-0.3429	244	-0.1469	326	0.1081
193	-0.3429	245	0.0211	327	0.1081
194	-0.3439	246	0.0921	328	0.1051
195	-0.3449	247	0.1411	329	0.1081
196	-0.3589	248	0.1561	330	0.1111
197	-0.3439	249	0.1051	331	0.1081
198	-0.3469	250	0.1141	332	0.1101
199	-0.3539	251	-0.2299	333	0.1061
200	-0.3409	252	0.0171	334	0.1091
201	-0.3449	253	0.3961	335	0.1121
202	-0.3419	254	0.2801	336	0.1081
203	-0.3449	255	-0.4889	337	0.1071
204	-0.3439	256	-0.4259	338	0.1081
205	0.3661	257	-0.3759	339	0.1091
206	0.3841	258	-0.2699	340	0.1041
207	0.3821	259	-0.0659	341	0.1071
208	0.3771	260	0.0651	350	0.0951
210	0.4721	261	0.1541	351	0.0981
211	0.4601	262	0.1701	352	0.1041
212	0.3341	263	-0.0099	353	0.0991
213	-0.5549	264	0.0371	354	0.0981
214	-0.4799	265	0.2641	355	0.0971
215	-0.4319	266	0.3241		
216	-0.2629	267	-0.0409		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1164
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 765.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 905.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 4.04
FIN ANGLE(DEG) = 0.04
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9730
247	0.9720
347	0.9720
447	0.9720
547	0.9710
647	0.9710
747	0.9710

ORF	CP	ORF	CP	ORF	CP
1	0.1590	52	0.0060	102	-0.1460
2	-0.1970	53	-0.2010	103	-0.5000
3	-0.2880	54	-0.2400	104	-0.4740
4	-0.1650	55	0.1630	105	-0.3140
5	-0.0690	56	0.1490	110	-0.1600
6	0.0120	57	0.1480	111	-0.1730
7	0.0510	58	0.1310	112	-0.1420
8	0.0650	59	0.1240	113	-0.1930
9	0.0760	60	0.1070	114	0.1070
10	0.0810	61	0.0820	115	0.1040
11	0.0820	62	0.0470	116	0.1050
12	0.0660	63	-0.0110	117	0.1070
13	0.0370	64	-0.3440	118	0.1030
14	-0.0750	65	-0.3060	119	0.1050
15	-0.1330	66	0.1770	120	-0.1920
16	-0.1010	67	0.1620	121	0.0980
17	-0.1030	68	0.1480	122	0.1030
18	-0.0370	69	0.1260	123	0.1040
19	0.0020	70	0.1030	124	-0.1620
20	0.0450	71	0.0720	125	-0.1100
21	0.0640	72	0.0300	126	-0.0710
22	0.0800	73	-0.0500	127	-0.1060
23	0.0820	74	-0.3430	128	-0.0940
24	0.0830	75	0.1750	129	-0.2160
25	0.0790	76	0.1540	135	-0.0930
26	0.0700	77	0.1260	136	-0.0960
27	0.0300	78	0.0920	137	-0.0980
28	-0.0880	79	0.0520	138	0.0160
29	-0.1560	80	-0.0010	139	0.0160
30	0.0030	81	-0.1170	140	0.0150
32	0.0570	82	-0.3580	141	0.1200
33	0.0840	83	0.1530	142	0.1230
34	0.0910	84	0.1260	143	0.1230
35	0.0970	85	0.0770	145	-0.0980
36	0.1030	86	0.0390	147	0.1230
37	0.0960	87	-0.0020	151	-0.0030
38	0.0930	88	-0.0850	152	-0.2080
39	0.0740	89	-0.3700	153	-0.3410
40	0.0310	90	0.0910	154	-0.4090
41	-0.0740	91	0.0590	155	0.1770
42	-0.1830	92	0.0230	156	0.0620
43	0.1140	93	-0.0130	157	-0.0980
44	0.1200	94	-0.0780	158	0.4090
45	0.1180	95	-0.3700	159	0.2330
46	0.1290	96	-0.2830	160	0.1820
47	0.1240	97	-0.3310	161	0.0750
48	0.1190	98	0.1430	162	0.3520
49	0.1070	99	0.1240	163	0.2650
50	0.0850	100	-0.1090	164	0.0100
51	0.0540	101	-0.1820	165	-0.0070

ORF	CP	ORF	CP	ORF	CP
166	0.4410	217	-0.0890	268	-0.0670
167	0.2460	218	-0.0130	269	0.2010
168	0.2040	219	0.0480	270	0.2920
169	0.0730	220	0.0340	271	-0.1610
170	0.3490	221	-0.4180	272	-0.1500
171	0.1430	222	-0.1700	273	0.2240
172	-0.0620	223	-0.0950	274	0.2680
173	0.0230	224	-0.1530	275	0.4410
174	-0.0510	225	0.3820	276	0.3630
175	-0.2880	226	0.2550	277	0.2300
176	-0.3850	227	-0.6770	278	-0.5420
177	-0.2240	228	-0.7060	279	-0.4950
178	-0.3490	229	-0.5750	280	-0.4340
179	-0.2500	230	-0.4370	281	-0.3310
180	-0.3310	231	-0.1530	282	-0.0850
181	0.2290	232	-0.0200	283	-0.0100
182	0.3940	233	0.0540	284	0.0770
183	0.4780	234	0.0520	285	0.0610
184	0.5790	235	-0.1330	286	-0.1790
185	0.6150	236	-0.1950	287	-0.1970
186	0.6720	237	-0.2810	288	0.2020
187	0.7630	238	-0.3250	289	0.2690
188	0.8690	239	0.3650	290	0.2230
189	0.9540	240	0.2620	291	-0.2180
190	-0.3430	241	-0.6470	292	0.2130
191	-0.3520	242	-0.5590	325	0.1120
192	-0.3420	244	-0.3440	326	0.1200
193	-0.3420	245	-0.1000	327	0.1170
194	-0.3440	246	0.0040	328	0.1150
195	-0.3500	247	0.0680	329	0.1170
196	-0.3580	248	0.0760	330	0.1130
197	-0.3450	249	0.0320	331	0.1190
198	-0.3440	250	0.1190	332	0.1170
199	-0.3510	251	-0.2700	333	0.1150
200	-0.3490	252	-0.0470	334	0.1170
201	-0.3420	253	0.3150	335	0.1160
202	-0.3420	254	0.1900	336	0.1150
203	-0.3390	255	-0.4330	337	0.1110
204	-0.3450	256	-0.4450	338	0.1200
205	0.3260	257	-0.4160	339	0.1170
206	0.3420	258	-0.3190	340	0.1150
207	0.3490	259	-0.1030	341	0.1160
208	0.3620	260	0.0110	350	0.1030
210	0.4190	261	0.0760	351	0.1070
211	0.3390	262	0.0810	352	0.1030
212	0.1920	263	-0.0680	353	0.1050
213	-0.6010	264	-0.0220	354	0.1060
214	-0.5570	265	0.1910	355	0.1070
215	-0.4430	266	0.2460		
216	-0.2680	267	-0.0990		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1165
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 765.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 907.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.02
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9704
247	0.9694
347	0.9694
447	0.9704
547	0.9724
647	0.9724
747	0.9714

ORF	CP	ORF	CP	ORF	CP
1	0.2074	52	-0.0016	102	-0.1836
2	-0.2236	53	-0.2026	103	-0.5946
3	-0.6426	54	-0.3326	104	-0.5676
4	-0.5816	55	0.1674	105	-0.4136
5	-0.3866	56	0.1554	110	-0.1536
6	-0.0876	57	0.1464	111	-0.1646
7	0.0104	58	0.1354	112	-0.1456
8	0.0574	59	0.1234	113	-0.2096
9	0.0704	60	0.1034	114	0.1164
10	0.0704	61	0.0754	115	0.1104
11	0.0704	62	0.0394	116	0.1114
12	0.0624	63	-0.0166	117	0.1144
13	0.0404	64	-0.3476	118	0.1104
14	-0.0936	65	-0.3416	119	0.1084
15	-0.1776	66	0.1794	120	-0.2236
16	-0.1286	67	0.1574	121	0.0974
17	-0.3526	68	0.1404	122	0.1104
18	-0.4936	69	0.1184	123	0.1134
19	-0.3606	70	0.0974	124	-0.2006
20	-0.0246	71	0.0674	125	-0.1416
21	0.0804	72	0.0274	126	-0.1146
22	0.0844	73	-0.0496	127	-0.1346
23	0.0794	74	-0.3566	128	-0.1136
24	0.0764	75	0.1704	129	-0.2306
25	0.0704	76	0.1454	135	-0.1066
26	0.0594	77	0.1154	136	-0.1156
27	0.0254	78	0.0874	137	-0.1166
28	-0.0996	79	0.0414	138	0.0194
29	-0.2306	80	-0.0076	139	0.0104
30	-0.2036	81	-0.1196	140	0.0054
32	-0.2796	82	-0.3666	141	0.1144
33	0.0474	83	0.1424	142	0.1194
34	0.0984	84	0.1114	143	0.1184
35	0.0974	85	0.0664	145	-0.1126
36	0.0924	86	0.0244	147	0.1194
37	0.0844	87	-0.0166	151	0.0334
38	0.0764	88	-0.0976	152	-0.2566
39	0.0564	89	-0.3816	153	-0.3426
40	0.0214	90	0.0724	154	-0.4476
41	-0.0836	91	0.0354	155	-0.0016
42	-0.2816	92	0.0004	156	0.0664
43	-0.1796	93	-0.0366	157	-0.1166
44	0.0104	94	-0.0986	158	0.4344
45	0.1124	95	-0.3906	159	0.2604
46	0.1234	96	-0.6286	160	0.1964
47	0.1164	97	-0.3506	161	0.0884
48	0.1124	98	0.1414	162	0.3434
49	0.0944	99	0.1184	163	0.2744
50	0.0804	100	-0.1316	164	0.0104
51	0.0484	101	-0.2116	165	0.0084

ORF	CP	ORF	CP	ORF	CP
166	0.4294	217	-0.1036	268	-0.1216
167	0.2534	218	-0.0596	269	0.1864
168	0.1944	219	-0.0326	270	0.2554
169	0.0594	220	-0.0446	271	-0.1986
170	0.2834	221	-0.4476	272	-0.2206
171	0.1394	222	-0.2446	273	0.1524
172	-0.0776	223	-0.1566	274	0.2054
173	0.0264	224	-0.2066	275	0.5114
174	-0.0806	225	0.3384	276	0.4144
175	-0.3326	226	0.1874	277	0.2844
176	-0.4336	227	-0.5496	278	-0.8066
177	-0.2326	228	-0.5656	279	-0.7896
178	-0.3826	229	-0.5186	280	-0.7296
179	-0.4066	230	-0.4386	281	-0.6296
180	-0.3306	231	-0.2426	282	-0.3956
181	0.0384	232	-0.0866	283	-0.0726
182	0.3104	233	-0.0276	284	0.0724
183	0.7284	234	-0.0326	285	0.0534
184	0.9194	235	-0.2086	286	-0.2026
185	0.9454	236	-0.2976	287	-0.2516
186	1.0174	237	-0.3626	288	0.0834
187	1.1374	238	-0.3936	289	0.2194
188	1.2364	239	0.3804	290	0.2184
189	1.2634	240	0.2674	291	-0.1536
190	-0.3566	241	-0.9046	292	0.2694
191	-0.3626	242	-0.8126	325	0.1254
192	-0.3556	244	-0.5376	326	0.1254
193	-0.3576	245	-0.1686	327	0.1234
194	-0.3586	246	-0.0636	328	0.1224
195	-0.3606	247	0.0034	329	0.1284
196	-0.3776	248	0.0344	330	0.1264
197	-0.3596	249	-0.0216	331	0.1284
198	-0.3586	250	0.1234	332	0.1234
199	-0.3606	251	-0.3406	333	0.1224
200	-0.3686	252	-0.0396	334	0.1284
201	-0.3556	253	0.3654	335	0.1264
202	-0.3566	254	0.2304	336	0.1264
203	-0.3566	255	-0.9146	337	0.1264
204	-0.3556	256	-0.8726	338	0.1244
205	0.3244	257	-0.8386	339	0.1234
206	0.3594	258	-0.7376	340	0.1244
207	0.3514	259	-0.2396	341	0.1304
208	0.3424	260	-0.0146	350	0.1094
210	0.3694	261	0.0544	351	0.1094
211	0.2924	262	0.0774	352	0.1084
212	0.1494	263	-0.1376	353	0.1094
213	-0.5886	264	-0.0526	354	0.1084
214	-0.5446	265	0.2094	355	0.1124
215	-0.4576	266	0.2364		
216	-0.2596	267	-0.1616		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1166
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.096
TUNNEL DYNAMIC PRESSURE(PSF) = 765.
TUNNEL STAGNATION PRESSURE(PSF) = 1933.
TUNNEL STATIC PRESSURE(PSF) = 910.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = 14.18
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9655
247	0.9645
347	0.9645
447	0.9655
547	0.9725
647	0.9725
747	0.9715

ORF	CP	ORF	CP	ORF	CP
1	0.2975	52	0.0475	102	-0.2525
2	-0.1635	53	-0.1725	103	-0.7165
3	-0.6205	54	-0.3085	104	-0.6665
4	-0.5725	55	-0.1745	105	-0.5525
5	-0.5055	56	-0.2365	110	-0.1485
6	-0.4685	57	-0.2375	111	-0.1655
7	-0.4285	58	-0.0765	112	-0.1525
8	-0.3475	59	0.1315	113	-0.2305
9	-0.1825	60	0.1595	114	0.0975
10	-0.0285	61	0.1255	115	0.1015
11	0.0455	62	0.0785	116	0.1025
12	0.0885	63	0.0085	117	0.1015
13	0.0915	64	-0.3325	118	0.1015
14	-0.0245	65	-0.3355	119	0.1045
15	-0.1425	66	-0.1575	120	-0.2805
16	-0.0735	67	-0.1095	121	0.0775
17	-0.3075	68	0.0805	122	0.1035
18	-0.4655	69	0.1605	123	0.1025
19	-0.5115	70	0.1435	124	-0.2425
20	-0.4875	71	0.0935	125	-0.2155
21	-0.4415	72	0.0425	126	-0.1835
22	-0.3475	73	-0.0395	127	-0.2025
23	-0.1965	74	-0.3585	128	-0.2375
24	0.0215	75	0.0385	129	-0.2975
25	0.0935	76	0.1575	135	-0.1865
26	0.1155	77	0.1435	136	-0.1875
27	0.0935	78	0.1005	137	-0.1865
28	-0.0385	79	0.0525	138	0.0145
29	-0.2005	80	-0.0065	139	0.0065
30	-0.1565	81	-0.1085	140	0.0015
32	-0.3965	82	-0.3695	141	0.1265
33	-0.4515	83	0.1335	142	0.1295
34	-0.4535	84	0.1275	143	0.1265
35	-0.3925	85	0.0835	145	-0.1715
36	-0.1465	86	0.0305	147	0.1325
37	0.0335	87	-0.0115	151	0.1205
38	0.1145	88	-0.0875	152	-0.2305
39	0.1155	89	-0.3805	153	-0.3585
40	0.0765	90	0.0385	154	-0.4785
41	-0.0355	91	0.0205	155	-0.0915
42	-0.2605	92	-0.0005	156	0.1165
43	-0.1875	93	-0.0335	157	-0.0465
44	-0.2645	94	-0.0925	158	0.4685
45	-0.3275	95	-0.3905	159	0.2965
46	-0.3645	96	-0.6155	160	0.2285
47	-0.2465	97	-0.2855	161	0.1265
48	0.0175	98	-0.2225	162	0.3845
49	0.1055	99	0.1615	163	0.3175
50	0.1375	100	-0.1225	164	0.0045
51	0.1075	101	-0.3055	165	0.0375

ORF	CP	ORF	CP	ORF	CP
166	0.5605	217	-0.0885	268	-0.1165
167	0.2605	218	-0.0665	269	0.2165
168	0.2295	219	-0.0485	270	0.2815
169	0.1075	220	-0.0505	271	-0.2765
170	0.3105	221	-0.5155	272	-0.2675
171	0.2285	222	-0.3515	273	0.1735
172	-0.0205	223	-0.2365	274	0.2085
173	0.0435	224	-0.2795	275	0.5635
174	-0.0895	225	0.2425	276	0.5015
175	-0.3505	226	0.1175	277	0.3685
176	-0.5145	227	-0.8495	278	-0.7895
177	-0.2095	228	-0.7895	279	-0.7685
178	-0.2645	229	-0.6775	280	-0.7155
179	-0.2915	230	-0.4635	281	-0.6145
180	-0.3385	231	-0.2385	282	-0.5055
181	-0.1945	232	-0.1135	283	-0.4615
182	0.0895	233	-0.0405	284	-0.1165
183	0.7715	234	-0.0385	285	0.0965
184	0.9185	235	-0.2665	286	-0.2865
185	0.8805	236	-0.3695	287	-0.2935
186	0.8935	237	-0.5505	288	0.0775
187	1.0395	238	-0.5065	289	0.2455
188	1.1785	239	0.3535	290	0.2695
189	1.2335	240	0.2655	291	-0.0235
190	-0.3785	241	-0.8985	292	0.3735
191	-0.3905	242	-0.8155	325	0.1065
192	-0.3785	244	-0.7085	326	0.1075
193	-0.3775	245	-0.5895	327	0.1085
194	-0.3825	246	-0.2415	328	0.1075
195	-0.3935	247	-0.0075	329	0.1115
196	-0.3955	248	0.0485	330	0.1065
197	-0.3845	249	-0.1065	331	0.1095
198	-0.3845	250	0.1155	332	0.1115
199	-0.3825	251	-0.3805	333	0.1105
200	-0.3995	252	0.0165	334	0.1125
201	-0.3855	253	0.4315	335	0.1065
202	-0.3855	254	0.3245	336	0.1095
203	-0.3865	255	-0.8965	337	0.1065
204	-0.3825	256	-0.8525	338	0.1075
205	0.1755	257	-0.8215	339	0.1085
206	0.2675	258	-0.7465	340	0.1075
207	0.2095	259	-0.6125	341	0.1105
208	0.1995	260	-0.4635	350	0.1035
210	0.2065	261	-0.0035	351	0.1075
211	0.2235	262	0.1265	352	0.1005
212	0.1115	263	-0.2325	353	0.1035
213	-0.5535	264	-0.0235	354	0.1045
214	-0.3825	265	0.2765	355	0.0985
215	-0.2925	266	0.2765		
216	-0.1585	267	-0.2095		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1167
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 58.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.094
TUNNEL DYNAMIC PRESSURE(PSF) = 763.
TUNNEL STAGNATION PRESSURE(PSF) = 1931.
TUNNEL STATIC PRESSURE(PSF) = 911.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.07
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.9660
247	0.9640
347	0.9650
447	0.9660
547	0.9580
647	0.9570
747	0.9570

ORF	CP	ORF	CP	ORF	CP
1	0.2450	52	0.0880	102	-0.1140
2	-0.1310	53	-0.1270	103	-0.5060
3	-0.2170	54	-0.2490	104	-0.4860
4	-0.0890	55	0.2710	105	-0.3050
5	0.0130	56	0.2480	110	-0.1820
6	0.0830	57	0.2330	111	-0.2000
7	0.1380	58	0.2160	112	-0.1570
8	0.1550	59	0.2060	113	-0.2060
9	0.1580	60	0.1860	114	0.0920
10	0.1620	61	0.1590	115	0.0900
11	0.1660	62	0.1250	116	0.0890
12	0.1500	63	0.0670	117	0.0920
13	0.1180	64	-0.2940	118	0.0910
14	-0.0130	65	-0.2900	119	0.0920
15	-0.0820	66	0.2710	120	-0.1960
16	-0.0390	67	0.2500	121	0.0830
17	-0.0700	68	0.2340	122	0.0900
18	0.0570	69	0.2090	123	0.0910
19	0.1040	70	0.1810	124	-0.1370
20	0.1340	71	0.1510	125	-0.1120
21	0.1510	72	0.1100	126	-0.0640
22	0.1690	73	0.0290	127	-0.0910
23	0.1700	74	-0.3080	128	-0.1020
24	0.1680	75	0.2670	129	-0.2340
25	0.1620	76	0.2320	135	-0.0670
26	0.1410	77	0.2010	136	-0.0720
27	0.1050	78	0.1680	137	-0.0670
28	-0.0220	79	0.1240	138	0.0060
29	-0.1210	80	0.0760	139	0.0160
30	0.1040	81	-0.0400	140	0.0080
32	0.1610	82	-0.3210	141	0.1040
33	0.1650	83	0.2290	142	0.1010
34	0.1820	84	0.2030	143	0.1040
35	0.1810	85	0.1450	145	-0.0710
36	0.1850	86	0.1130	147	0.1000
37	0.1740	87	0.0700	151	0.0790
38	0.1680	88	-0.0130	152	-0.1710
39	0.1440	89	-0.3330	153	-0.3020
40	0.1020	90	0.1490	154	-0.4570
41	-0.0020	91	0.1350	155	0.2120
42	-0.1740	92	0.0950	156	0.1490
43	0.2290	93	0.0590	157	-0.0250
44	0.2210	94	-0.0040	158	0.4730
45	0.2150	95	-0.3320	159	0.3290
46	0.2110	96	-0.2470	160	0.2670
47	0.2060	97	-0.2870	161	0.1440
48	0.2030	98	0.2220	162	0.4530
49	0.1910	99	0.2020	163	0.3610
50	0.1680	100	-0.0320	164	0.0150
51	0.1360	101	-0.1650	165	0.0730

ORF	CP	ORF	CP	ORF	CP
166	0.5430	217	-0.0140	268	-0.0390
167	0.3410	218	0.0850	269	0.2600
168	0.2930	219	0.1550	270	0.3530
169	0.1590	220	0.1360	271	-0.1430
170	0.4240	221	-0.4730	272	-0.1310
171	0.2230	222	-0.1920	273	0.2880
172	0.0150	223	-0.0090	274	0.3450
173	0.0820	224	-0.0870	275	0.4810
174	-0.0080	225	0.3850	276	0.4570
175	-0.2770	226	0.2410	277	0.3220
176	-0.4010	227	-0.3910	278	-0.5360
177	-0.1600	228	-0.3790	279	-0.4650
178	-0.2910	229	-0.3400	280	-0.3910
179	-0.2260	230	-0.2430	281	-0.2620
180	-0.3610	231	-0.0200	282	-0.0500
181	0.3460	232	0.1090	283	0.0730
182	0.5220	233	0.1420	284	0.1640
183	0.5060	234	0.1350	285	0.1310
184	0.6800	235	-0.0560	286	-0.1540
185	0.7380	236	-0.1720	287	-0.1670
186	0.7860	237	-0.2740	288	0.2710
187	0.8430	238	-0.2970	289	0.3430
188	0.8850	239	0.3640	290	0.2990
189	0.9500	240	0.2580	291	-0.3300
190	-0.3600	241	-0.3480	292	0.1350
191	-0.3630	242	-0.3200	325	0.1060
192	-0.3610	244	-0.1310	326	0.1020
193	-0.3610	245	0.0440	327	0.1040
194	-0.3640	246	0.0940	328	0.1060
195	-0.3600	247	0.1300	329	0.1050
196	-0.3800	248	0.1390	330	0.1040
197	-0.3610	249	0.0840	331	0.1030
198	-0.3640	250	0.1040	332	0.1050
199	-0.3730	251	-0.2510	333	0.1070
200	-0.3610	252	0.0000	334	0.1050
201	-0.3600	253	0.3780	335	0.1060
202	-0.3590	254	0.2660	336	0.1070
203	-0.3600	255	-0.4030	337	0.1050
204	-0.3590	256	-0.3860	338	0.1030
205	0.3580	257	-0.3580	339	0.1040
206	0.3880	258	-0.2520	340	0.1070
207	0.3820	259	-0.0280	341	0.1060
208	0.3840	260	0.0760	350	0.0890
210	0.4730	261	0.1440	351	0.0900
211	0.4540	262	0.1560	352	0.0930
212	0.3280	263	-0.0230	353	0.0890
213	-0.5230	264	0.0230	354	0.0910
214	-0.4480	265	0.2540	355	0.0940
215	-0.3630	266	0.3080		
216	-0.2240	267	-0.0590		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1168
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.002
TUNNEL DYNAMIC PRESSURE(PSF) = 732.
TUNNEL STAGNATION PRESSURE(PSF) = 1976.
TUNNEL STATIC PRESSURE(PSF) = 1042.
REYNOLDS NUMBER PER FOOT = 4.0170E 06
MODEL ANGLE OF ATTACK(DEG) = -14.26
FIN ANGLE(DEG) = 0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8285
247	0.8285
347	0.8285
447	0.8275
547	0.8315
647	0.8305
747	0.8305

ORF	CP	ORF	CP	ORF	CP
1	0.3875	52	0.1185	102	0.0145
2	0.0145	53	-0.1575	103	-0.3205
3	-0.1165	54	-0.0455	104	-0.3095
4	-0.0855	55	0.3625	105	-0.1265
5	0.0035	56	0.3385	110	-0.2315
6	0.1115	57	0.3215	111	-0.2355
7	0.1995	58	0.2995	112	-0.1995
8	0.2575	59	0.2745	113	-0.2055
9	0.2855	60	0.2465	114	0.0335
10	0.2925	61	0.2075	115	0.0365
11	0.2885	62	0.1565	116	0.0365
12	0.2685	63	0.0685	117	0.0345
13	0.2285	64	-0.3505	118	0.0355
14	0.0745	65	-0.1655	119	0.0345
15	0.0145	66	0.3495	120	-0.2875
16	0.1555	67	0.3205	121	0.0195
17	0.0955	68	0.2905	122	0.0325
18	0.1045	69	0.2585	123	0.0365
19	0.1605	70	0.2215	124	-0.2135
20	0.2045	71	0.1785	125	-0.1685
21	0.2455	72	0.1185	126	-0.1205
22	0.2775	73	0.0145	127	-0.1455
23	0.2905	74	-0.3425	128	-0.2715
24	0.2905	75	0.3275	129	-0.3575
25	0.2805	76	0.2845	135	-0.0905
26	0.2545	77	0.2395	136	-0.0935
27	0.2005	78	0.1965	137	-0.0975
28	0.0405	79	0.1465	138	0.0585
29	-0.0085	80	0.0815	139	0.0575
30	0.2335	81	-0.0655	140	0.0705
32	0.2415	82	-0.3785	141	0.2285
33	0.2645	83	0.2635	142	0.2215
34	0.2785	84	0.2435	143	0.2045
35	0.2875	85	0.1905	145	-0.0975
36	0.2925	86	0.1435	147	0.2235
37	0.2815	87	0.0875	151	0.2625
38	0.2625	88	-0.0205	152	-0.0725
39	0.2315	89	-0.3885	153	-0.2135
40	0.1735	90	0.2215	154	-0.4175
41	0.0285	91	0.1835	155	0.2855
42	-0.0245	92	0.1395	156	0.2725
43	0.3365	93	0.0905	157	0.0375
44	0.3225	94	0.0075	158	0.6185
45	0.3165	95	-0.3665	159	0.4745
46	0.3135	96	-0.1265	160	0.3915
47	0.3035	97	-0.3105	161	0.2305
48	0.2885	98	0.2915	162	0.5995
49	0.2695	99	0.2265	163	0.5085
50	0.2395	100	-0.0345	164	0.0525
51	0.1925	101	-0.0305	165	0.1405

ORF	CP	ORF	CP	ORF	CP
166	0.7005	217	0.4095	268	0.0915
167	0.5025	218	0.4265	269	0.4075
168	0.4235	219	0.4085	270	0.4905
169	0.2405	220	0.3415	271	-0.0075
170	0.5525	221	-0.5025	272	-0.0165
171	0.3635	222	-0.3395	273	0.4095
172	0.0815	223	-0.0405	274	0.4795
173	0.2445	224	-0.1085	275	0.7625
174	0.1035	225	0.6595	276	0.6255
175	-0.1685	226	0.4945	277	0.4615
176	-0.3725	227	-0.1605	278	-0.2595
177	-0.0135	228	-0.1485	279	-0.2715
178	-0.1625	229	-0.1235	280	-0.2615
179	-0.1175	230	0.0035	281	-0.2305
180	-0.3485	231	0.2445	282	-0.0755
181	0.5935	232	0.3345	283	0.1215
182	0.7135	233	0.3595	284	0.3025
183	0.1745	234	0.3165	285	0.2585
184	0.4005	235	0.0515	286	-0.0165
185	0.7085	236	-0.1285	287	-0.0625
186	1.0855	237	-0.3715	288	0.3785
187	1.1285	238	-0.4285	289	0.4865
188	1.1325	239	0.6295	290	0.4595
189	1.0415	240	0.5075	291	-0.8295
190	-0.3095	241	-0.3255	292	-0.0925
191	-0.2965	242	-0.3095	325	0.0435
192	-0.3145	244	-0.1075	326	0.0405
193	-0.3115	245	0.1295	327	0.0415
194	-0.3215	246	0.2455	328	0.0425
195	-0.3015	247	0.3135	329	0.0435
196	-0.3665	248	0.3095	330	0.0425
197	-0.3265	249	0.2405	331	0.0415
198	-0.3325	250	0.0505	332	0.0425
199	-0.3395	251	-0.2405	333	0.0435
200	-0.3115	252	0.1415	334	0.0435
201	-0.3135	253	0.6135	335	0.0435
202	-0.3235	254	0.4555	336	0.0425
203	-0.3225	255	-0.2345	337	0.0425
204	-0.3205	256	-0.2385	338	0.0395
205	0.4515	257	-0.2375	339	0.0405
206	0.5475	258	-0.2255	340	0.0435
207	0.5185	259	-0.0915	341	0.0425
208	0.5575	260	0.1275	350	0.0355
210	0.5635	261	0.3075	351	0.0355
211	0.6735	262	0.2995	352	0.0335
212	0.5495	263	0.0945	353	0.0365
213	-0.2645	264	0.1605	354	0.0375
214	0.0175	265	0.4105	355	0.0365
215	0.1565	266	0.4575		
216	0.3365	267	0.0645		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1169
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.002
TUNNEL DYNAMIC PRESSURE(PSF) = 730.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 1039.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = -8.11
FIN ANGLE(DEG) = 0.36
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8347
247	0.8337
347	0.8337
447	0.8337
547	0.8347
647	0.8337
747	0.8347

ORF	CP	ORF	CP	ORF	CP
1	0.2717	52	0.0477	102	-0.1113
2	-0.1393	53	-0.2133	103	-0.4943
3	-0.2543	54	-0.2693	104	-0.4783
4	-0.1693	55	0.2737	105	-0.2773
5	-0.0693	56	0.2487	110	-0.2233
6	0.0257	57	0.2337	111	-0.2503
7	0.1017	58	0.2107	112	-0.1743
8	0.1477	59	0.1907	113	-0.1903
9	0.1697	60	0.1667	114	0.0437
10	0.1777	61	0.1317	115	0.0437
11	0.1747	62	0.0837	116	0.0437
12	0.1607	63	0.0067	117	0.0467
13	0.1247	64	-0.4083	118	0.0447
14	-0.0193	65	-0.3903	119	0.0437
15	-0.0963	66	0.2627	120	-0.1903
16	-0.0033	67	0.2387	121	0.0397
17	-0.0483	68	0.2117	122	0.0437
18	0.0057	69	0.1817	123	0.0447
19	0.0587	70	0.1477	124	-0.1003
20	0.1057	71	0.1097	125	-0.0733
21	0.1467	72	0.0547	126	-0.0263
22	0.1727	73	-0.0433	127	-0.0513
23	0.1847	74	-0.4183	128	-0.2293
24	0.1857	75	0.2467	129	-0.2813
25	0.1767	76	0.2097	135	-0.0213
26	0.1557	77	0.1667	136	-0.0213
27	0.1067	78	0.1287	137	-0.0233
28	-0.0463	79	0.0797	138	0.1307
29	-0.1363	80	0.0197	139	0.1267
30	0.1107	81	-0.1173	140	0.1217
32	0.1447	82	-0.4313	141	0.1947
33	0.1627	83	0.1957	142	0.1947
34	0.1807	84	0.1627	143	0.1927
35	0.1907	85	0.1137	145	-0.0203
36	0.1937	86	0.0687	147	0.1957
37	0.1877	87	0.0177	151	0.1397
38	0.1737	88	-0.0803	152	-0.1633
39	0.1467	89	-0.4443	153	-0.2773
40	0.0937	90	0.1357	154	-0.3813
41	-0.0393	91	0.0997	155	0.1747
42	-0.1733	92	0.0587	156	0.1707
43	0.2247	93	0.0147	157	-0.0423
44	0.2187	94	-0.0613	158	0.4817
45	0.2137	95	-0.4303	159	0.3637
46	0.2117	96	-0.2493	160	0.2947
47	0.2047	97	-0.3773	161	0.1457
48	0.1967	98	0.2117	162	0.4857
49	0.1777	99	0.1597	163	0.3937
50	0.1537	100	-0.0983	164	0.1277
51	0.1127	101	-0.1543	165	0.0657

ORF	CP	ORF	CP	ORF	CP
166	0.5767	217	0.1987	268	-0.0293
167	0.3847	218	0.2387	269	0.2877
168	0.3257	219	0.2467	270	0.3727
169	0.1587	220	0.2037	271	-0.1383
170	0.3977	221	-0.5783	272	-0.1363
171	0.2657	222	-0.3343	273	0.3037
172	0.0087	223	-0.1003	274	0.3767
173	0.1287	224	-0.1623	275	0.6297
174	0.0107	225	0.5237	276	0.5217
175	-0.2343	226	0.3637	277	0.3607
176	-0.3933	227	-0.3503	278	-0.4473
177	-0.1193	228	-0.3533	279	-0.4513
178	-0.2683	229	-0.3123	280	-0.4243
179	-0.2243	230	-0.1843	281	-0.3343
180	-0.3043	231	0.0657	282	-0.1303
181	0.5307	232	0.1747	283	0.0537
182	0.6857	233	0.2177	284	0.1897
183	0.2517	234	0.1917	285	0.1507
184	0.4367	235	-0.0493	286	-0.1463
185	0.6057	236	-0.2033	287	-0.1703
186	0.7287	237	-0.4093	288	0.2877
187	0.8307	238	-0.4193	289	0.3827
188	0.9417	239	0.5177	290	0.3357
189	1.0027	240	0.4007	291	-0.9663
190	-0.2893	241	-0.4763	292	-0.0683
191	-0.2833	242	-0.4503	325	0.0517
192	-0.2873	244	-0.2273	326	0.0517
193	-0.2923	245	0.0047	327	0.0527
194	-0.2953	246	0.1137	328	0.0547
195	-0.2833	247	0.1817	329	0.0547
196	-0.3263	248	0.1867	330	0.0547
197	-0.2873	249	0.1247	331	0.0527
198	-0.2943	250	0.0587	332	0.0537
199	-0.3153	251	-0.2973	333	0.0567
200	-0.2873	252	0.0277	334	0.0557
201	-0.2923	253	0.5017	335	0.0567
202	-0.2923	254	0.3437	336	0.0547
203	-0.2823	255	-0.3973	337	0.0527
204	-0.2863	256	-0.4043	338	0.0517
205	0.4237	257	-0.3983	339	0.0537
206	0.4897	258	-0.3403	340	0.0557
207	0.4817	259	-0.1413	341	0.0547
208	0.5107	260	0.0477	350	0.0437
210	0.5297	261	0.1867	351	0.0467
211	0.5277	262	0.1877	352	0.0467
212	0.3887	263	-0.0153	353	0.0447
213	-0.4603	264	0.0387	354	0.0457
214	-0.2893	265	0.2917	355	0.0447
215	-0.1653	266	0.3357		
216	0.0557	267	-0.0533		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1170
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 729.
TUNNEL STAGNATION PRESSURE(PSF) = 1970.
TUNNEL STATIC PRESSURE(PSF) = 1039.
REYNOLDS NUMBER PER FOOT = 4.0000E 06
MODEL ANGLE OF ATTACK(DEG) = -4.03
FIN ANGLE(DEG) = 0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8348
247	0.8338
347	0.8338
447	0.8338
547	0.8358
647	0.8358
747	0.8348

ORF	CP	ORF	CP	ORF	CP
1	0.1998	52	-0.0072	102	-0.1802
2	-0.2352	53	-0.2562	103	-0.5702
3	-0.3472	54	-0.3482	104	-0.5572
4	-0.2542	55	0.1968	105	-0.3542
5	-0.1382	56	0.1738	110	-0.2342
6	-0.0482	57	0.1648	111	-0.2682
7	0.0278	58	0.1468	112	-0.1862
8	0.0638	59	0.1258	113	-0.2022
9	0.0888	60	0.1038	114	0.0538
10	0.1018	61	0.0758	115	0.0578
11	0.0968	62	0.0298	116	0.0568
12	0.0848	63	-0.0422	117	0.0608
13	0.0508	64	-0.4412	118	0.0578
14	-0.0862	65	-0.4302	119	0.0588
15	-0.1602	66	0.1988	120	-0.1802
16	-0.1132	67	0.1728	121	0.0468
17	-0.1762	68	0.1478	122	0.0508
18	-0.0682	69	0.1218	123	0.0528
19	-0.0202	70	0.0908	124	-0.0862
20	0.0308	71	0.0558	125	-0.0662
21	0.0638	72	0.0048	126	-0.0172
22	0.0928	73	-0.0872	127	-0.0382
23	0.1048	74	-0.4552	128	-0.0102
24	0.1068	75	0.1858	129	-0.2102
25	0.0988	76	0.1508	135	-0.0072
26	0.0798	77	0.1118	136	-0.0032
27	0.0338	78	0.0698	137	-0.0082
28	-0.1052	79	0.0238	138	0.1238
29	-0.2002	80	-0.0312	139	0.1258
30	-0.0112	81	-0.1602	140	0.1228
32	0.0658	82	-0.4672	141	0.1828
33	0.0868	83	0.1478	142	0.1818
34	0.1028	84	0.1088	143	0.1778
35	0.1118	85	0.0598	145	-0.0062
36	0.1198	86	0.0138	147	0.1828
37	0.1118	87	-0.0312	151	0.0598
38	0.1008	88	-0.1242	152	-0.2182
39	0.0748	89	-0.4782	153	-0.3012
40	0.0278	90	0.0708	154	-0.3672
41	-0.0962	91	0.0418	155	0.0898
42	-0.2472	92	0.0048	156	0.1078
43	0.1498	93	-0.0392	157	-0.0912
44	0.1458	94	-0.1092	158	0.4098
45	0.1408	95	-0.4702	159	0.2848
46	0.1428	96	-0.3582	160	0.2228
47	0.1328	97	-0.4132	161	0.0908
48	0.1268	98	0.1468	162	0.4068
49	0.1128	99	0.1078	163	0.3238
50	0.0888	100	-0.1452	164	0.1288
51	0.0518	101	-0.2312	165	0.0168

ORF	CP	ORF	CP	ORF	CP
166	0.5008	217	0.0398	268	-0.1022
167	0.3108	218	0.0998	269	0.2108
168	0.2508	219	0.1238	270	0.2948
169	0.1068	220	0.0868	271	-0.2062
170	0.2998	221	-0.5902	272	-0.2052
171	0.2088	222	-0.3362	273	0.2298
172	-0.0362	223	-0.1392	274	0.3028
173	0.0578	224	-0.1962	275	0.5458
174	-0.0422	225	0.3818	276	0.4498
175	-0.2632	226	0.2308	277	0.2898
176	-0.3832	227	-0.4692	278	-0.5882
177	-0.1822	228	-0.4452	279	-0.5502
178	-0.3292	229	-0.4082	280	-0.5052
179	-0.2822	230	-0.2732	281	-0.4112
180	-0.2962	231	-0.0332	282	-0.2072
181	0.2478	232	0.0598	283	-0.0352
182	0.3988	233	0.1028	284	0.1058
183	0.3758	234	0.0858	285	0.0768
184	0.5748	235	-0.1282	286	-0.2122
185	0.6588	236	-0.2622	287	-0.2352
186	0.7228	237	-0.4072	288	0.2048
187	0.7988	238	-0.3842	289	0.3078
188	0.8538	239	0.4438	290	0.2478
189	0.8998	240	0.3138	291	-0.7572
190	-0.2872	241	-0.5662	292	-0.0522
191	-0.2852	242	-0.5332	325	0.0578
192	-0.2812	244	-0.3322	326	0.0588
193	-0.2802	245	-0.0892	327	0.0578
194	-0.2892	246	0.0218	328	0.0578
195	-0.2822	247	0.0918	329	0.0568
196	-0.3082	248	0.0988	330	0.0568
197	-0.2882	249	0.0458	331	0.0598
198	-0.2932	250	0.0728	332	0.0588
199	-0.3052	251	-0.3052	333	0.0598
200	-0.2862	252	-0.0332	334	0.0588
201	-0.2922	253	0.4178	335	0.0568
202	-0.2842	254	0.2588	336	0.0578
203	-0.2912	255	-0.5132	337	0.0558
204	-0.2862	256	-0.5082	338	0.0578
205	0.3758	257	-0.4932	339	0.0568
206	0.4248	258	-0.4212	340	0.0568
207	0.4208	259	-0.2142	341	0.0568
208	0.4258	260	-0.0252	350	0.0628
210	0.4828	261	0.0998	351	0.0628
211	0.3768	262	0.1038	352	0.0618
212	0.2468	263	-0.0862	353	0.0628
213	-0.5282	264	-0.0312	354	0.0628
214	-0.4492	265	0.2098	355	0.0638
215	-0.3652	266	0.2578		
216	-0.1602	267	-0.1252		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1171
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 728.
TUNNEL STAGNATION PRESSURE(PSF) = 1970.
TUNNEL STATIC PRESSURE(PSF) = 1043.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8313
247	0.8293
347	0.8303
447	0.8313
547	0.8333
647	0.8323
747	0.8323

ORF	CP	ORF	CP	ORF	CP
1	0.1403	52	-0.0567	102	-0.2487
2	-0.2927	53	-0.2927	103	-0.6407
3	-0.3677	54	-0.4087	104	-0.6257
4	-0.2567	55	0.1403	105	-0.4337
5	-0.1467	56	0.1173	110	-0.2387
6	-0.0597	57	0.1073	111	-0.2717
7	-0.0127	58	0.0863	112	-0.1947
8	0.0233	59	0.0683	113	-0.2157
9	0.0353	60	0.0503	114	0.0703
10	0.0373	61	0.0223	115	0.0703
11	0.0343	62	-0.0187	116	0.0713
12	0.0213	63	-0.0847	117	0.0733
13	-0.0097	64	-0.4717	118	0.0723
14	-0.1507	65	-0.4617	119	0.0723
15	-0.2267	66	0.1363	120	-0.1687
16	-0.1667	67	0.1143	121	0.0633
17	-0.2027	68	0.0933	122	0.0693
18	-0.0987	69	0.0683	123	0.0683
19	-0.0517	70	0.0393	124	-0.0617
20	-0.0147	71	0.0043	125	-0.0467
21	0.0223	72	-0.0417	126	-0.0077
22	0.0393	73	-0.1297	127	-0.0277
23	0.0463	74	-0.4877	128	-0.1827
24	0.0443	75	0.1243	129	-0.2337
25	0.0373	76	0.0933	135	-0.0027
26	0.0153	77	0.0573	136	-0.0027
27	-0.0267	78	0.0193	137	-0.0067
28	-0.1637	79	-0.0247	138	0.1333
29	-0.2617	80	-0.0787	139	0.1323
30	-0.0567	81	-0.2087	140	0.1333
32	0.0233	82	-0.4997	141	0.1773
33	0.0373	83	0.1023	142	0.1793
34	0.0493	84	0.0583	143	0.1783
35	0.0543	85	0.0053	145	-0.0057
36	0.0563	86	-0.0377	147	0.1773
37	0.0513	87	-0.0837	151	-0.0327
38	0.0383	88	-0.1767	152	-0.2727
39	0.0143	89	-0.5137	153	-0.3197
40	-0.0297	90	0.0073	154	-0.3607
41	-0.1497	91	-0.0157	155	0.0513
42	-0.3097	92	-0.0557	156	0.0553
43	0.0933	93	-0.0947	157	-0.1237
44	0.0883	94	-0.1657	158	0.3603
45	0.0853	95	-0.5147	159	0.2213
46	0.0853	96	-0.3607	160	0.1603
47	0.0753	97	-0.4547	161	0.0443
48	0.0683	98	0.0893	162	0.3493
49	0.0543	99	0.0563	163	0.2513
50	0.0323	100	-0.1977	164	0.1343
51	-0.0017	101	-0.2957	165	-0.0337

ORF	CP	ORF	CP	ORF	CP
166	0.4303	217	-0.1667	268	-0.1537
167	0.2293	218	-0.0337	269	0.1523
168	0.1893	219	0.0423	270	0.2363
169	0.0443	220	0.0193	271	-0.2747
170	0.2653	221	-0.6127	272	-0.2747
171	0.1283	222	-0.3757	273	0.1743
172	-0.0927	223	-0.1247	274	0.2373
173	-0.0247	224	-0.1827	275	0.4353
174	-0.1067	225	0.3413	276	0.3813
175	-0.3257	226	0.1763	277	0.2293
176	-0.3847	227	-0.5867	278	-0.7067
177	-0.2697	228	-0.5657	279	-0.6347
178	-0.4127	229	-0.5317	280	-0.5707
179	-0.3687	230	-0.4247	281	-0.4377
180	-0.2907	231	-0.1807	282	-0.1897
181	0.2873	232	-0.0377	283	-0.0467
182	0.4333	233	0.0303	284	0.0453
183	0.4323	234	0.0233	285	0.0123
184	0.6103	235	-0.1937	286	-0.2807
185	0.6783	236	-0.3107	287	-0.3077
186	0.7653	237	-0.3887	288	0.1433
187	0.8323	238	-0.3407	289	0.2403
188	0.8633	239	0.3223	290	0.1723
189	0.9253	240	0.1953	291	-0.5027
190	-0.2987	241	-0.5467	292	0.0213
191	-0.3027	242	-0.5467	325	0.0773
192	-0.2937	244	-0.3457	326	0.0783
193	-0.2907	245	-0.1087	327	0.0773
194	-0.2937	246	-0.0367	328	0.0783
195	-0.2987	247	0.0133	329	0.0773
196	-0.3197	248	0.0203	330	0.0803
197	-0.2937	249	-0.0347	331	0.0793
198	-0.2917	250	0.0823	332	0.0783
199	-0.3017	251	-0.3447	333	0.0793
200	-0.2987	252	-0.1047	334	0.0783
201	-0.2987	253	0.3363	335	0.0813
202	-0.2927	254	0.1873	336	0.0793
203	-0.2927	255	-0.5857	337	0.0783
204	-0.2927	256	-0.5737	338	0.0783
205	0.3063	257	-0.5407	339	0.0763
206	0.3373	258	-0.4477	340	0.0783
207	0.3333	259	-0.2137	341	0.0783
208	0.3373	260	-0.0497	350	0.0693
210	0.4083	261	0.0353	351	0.0713
211	0.3813	262	0.0393	352	0.0703
212	0.2373	263	-0.1607	353	0.0703
213	-0.6877	264	-0.1027	354	0.0683
214	-0.6157	265	0.1523	355	0.0673
215	-0.5567	266	0.2033		
216	-0.4087	267	-0.1927		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1172
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.996
TUNNEL DYNAMIC PRESSURE(PSF) = 725.
TUNNEL STAGNATION PRESSURE(PSF) = 1968.
TUNNEL STATIC PRESSURE(PSF) = 1044.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 3.96
FIN ANGLE(DEG) = -0.05
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8310
247	0.8300
347	0.8310
447	0.8320
547	0.8150
647	0.8150
747	0.8150

ORF	CP	ORF	CP	ORF	CP
1	0.0570	52	-0.1400	102	-0.2870
2	-0.3320	53	-0.3650	103	-0.6570
3	-0.3840	54	-0.4000	104	-0.6360
4	-0.2660	55	0.0470	105	-0.4550
5	-0.1740	56	0.0290	110	-0.2480
6	-0.1110	57	0.0200	111	-0.2750
7	-0.0700	58	0.0020	112	-0.2190
8	-0.0510	59	-0.0120	113	-0.2540
9	-0.0430	60	-0.0330	114	0.0710
10	-0.0400	61	-0.0630	115	0.0670
11	-0.0460	62	-0.1030	116	0.0670
12	-0.0580	63	-0.1680	117	0.0670
13	-0.0890	64	-0.5270	118	0.0660
14	-0.2220	65	-0.4830	119	0.0690
15	-0.2810	66	0.0430	120	-0.2110
16	-0.1960	67	0.0290	121	0.0590
17	-0.2150	68	0.0070	122	0.0700
18	-0.1390	69	-0.0140	123	0.0710
19	-0.0990	70	-0.0430	124	-0.0970
20	-0.0620	71	-0.0750	125	-0.0800
21	-0.0490	72	-0.1220	126	-0.0330
22	-0.0360	73	-0.2100	127	-0.0570
23	-0.0340	74	-0.5270	128	-0.2000
24	-0.0400	75	0.0400	129	-0.2490
25	-0.0480	76	0.0070	135	-0.0350
26	-0.0620	77	-0.0240	136	-0.0370
27	-0.1070	78	-0.0560	137	-0.0470
28	-0.2360	79	-0.1030	138	0.1110
29	-0.3070	80	-0.1570	139	0.1110
30	-0.0840	81	-0.2830	140	0.1140
32	-0.0500	82	-0.5440	141	0.1660
33	-0.0320	83	0.0260	142	0.1660
34	-0.0260	84	-0.0220	143	0.1670
35	-0.0240	85	-0.0740	145	-0.0320
36	-0.0220	86	-0.1140	147	0.1660
37	-0.0310	87	-0.1610	151	-0.1070
38	-0.0440	88	-0.2530	152	-0.3010
39	-0.0670	89	-0.5570	153	-0.3250
40	-0.1100	90	-0.0670	154	-0.3370
41	-0.2250	91	-0.0940	155	-0.0150
42	-0.3310	92	-0.1340	156	-0.0150
43	0.0140	93	-0.1760	157	-0.1540
44	0.0100	94	-0.2470	158	0.3020
45	0.0060	95	-0.5560	159	0.1490
46	0.0020	96	-0.3770	160	0.0910
47	-0.0040	97	-0.5090	161	-0.0090
48	-0.0150	98	0.0110	162	0.2550
49	-0.0280	99	-0.0230	163	0.1680
50	-0.0510	100	-0.2800	164	0.1110
51	-0.0870	101	-0.3240	165	-0.0850

ORF	CP	ORF	CP	ORF	CP
166	0.3500	217	-0.2180	268	-0.2260
167	0.1510	218	-0.1360	269	0.0730
168	0.1060	219	-0.0970	270	0.1510
169	-0.0130	220	-0.1150	271	-0.3110
170	0.1730	221	-0.6000	272	-0.3180
171	0.0610	222	-0.3900	273	0.0710
172	-0.1350	223	-0.1990	274	0.1210
173	-0.0800	224	-0.2390	275	0.3170
174	-0.1510	225	0.2790	276	0.2770
175	-0.3490	226	0.1170	277	0.1320
176	-0.3580	227	-0.7440	278	-0.7400
177	-0.3260	228	-0.7420	279	-0.6750
178	-0.4780	229	-0.7030	280	-0.6000
179	-0.4390	230	-0.5410	281	-0.4620
180	-0.2840	231	-0.2720	282	-0.2200
181	0.1290	232	-0.1460	283	-0.1110
182	0.2880	233	-0.0870	284	-0.0430
183	0.4200	234	-0.0930	285	-0.0760
184	0.5480	235	-0.2930	286	-0.3350
185	0.5870	236	-0.3700	287	-0.3680
186	0.6550	237	-0.4090	288	0.0380
187	0.7870	238	-0.3650	289	0.1390
188	0.9040	239	0.2710	290	0.0880
189	0.9470	240	0.1450	291	-0.4110
190	-0.2950	241	-0.7110	292	0.0740
191	-0.2930	242	-0.6890	325	0.0880
192	-0.2890	244	-0.4930	326	0.0840
193	-0.2890	245	-0.2410	327	0.0840
194	-0.2960	246	-0.1310	328	0.0820
195	-0.2980	247	-0.0750	329	0.0850
196	-0.3160	248	-0.0680	330	0.0870
197	-0.2940	249	-0.1150	331	0.0860
198	-0.3010	250	0.0750	332	0.0840
199	-0.2980	251	-0.3730	333	0.0840
200	-0.2990	252	-0.1660	334	0.0840
201	-0.2920	253	0.2310	335	0.0870
202	-0.2970	254	0.0890	336	0.0870
203	-0.3000	255	-0.5970	337	0.0880
204	-0.2960	256	-0.5990	338	0.0840
205	0.2270	257	-0.5740	339	0.0830
206	0.2490	258	-0.4870	340	0.0820
207	0.2490	259	-0.2670	341	0.0850
208	0.2550	260	-0.1130	350	0.0680
210	0.3080	261	-0.0580	351	0.0680
211	0.2270	262	-0.0570	352	0.0670
212	0.0820	263	-0.2320	353	0.0670
213	-0.7830	264	-0.1700	354	0.0640
214	-0.7020	265	0.0710	355	0.0660
215	-0.6080	266	0.1150		
216	-0.4510	267	-0.2550		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1173
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 727.
TUNNEL STAGNATION PRESSURE(PSF) = 1968.
TUNNEL STATIC PRESSURE(PSF) = 1041.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = -0.11
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8341
247	0.8331
347	0.8331
447	0.8341
547	0.8381
647	0.8381
747	0.8371

ORF	CP	ORF	CP	ORF	CP
1	0.0651	52	-0.1589	102	-0.3189
2	-0.3999	53	-0.3779	103	-0.7149
3	-0.8329	54	-0.4749	104	-0.6969
4	-0.7389	55	0.0431	105	-0.5189
5	-0.4349	56	0.0241	110	-0.2249
6	-0.1969	57	0.0141	111	-0.2499
7	-0.1069	58	-0.0049	112	-0.2149
8	-0.0719	59	-0.0269	113	-0.2559
9	-0.0559	60	-0.0479	114	0.1031
10	-0.0549	61	-0.0779	115	0.1061
11	-0.0599	62	-0.1189	116	0.1071
12	-0.0749	63	-0.1819	117	0.1051
13	-0.0999	64	-0.5379	118	0.1041
14	-0.2429	65	-0.5199	119	0.1071
15	-0.3179	66	0.0281	120	-0.1859
16	-0.2959	67	0.0141	121	0.0931
17	-0.5319	68	-0.0099	122	0.1061
18	-0.6619	69	-0.0349	123	0.1061
19	-0.3179	70	-0.0609	124	-0.0909
20	-0.0969	71	-0.0949	125	-0.0779
21	-0.0529	72	-0.1369	126	-0.0489
22	-0.0449	73	-0.2209	127	-0.0589
23	-0.0459	74	-0.5429	128	-0.0269
24	-0.0519	75	0.0191	129	-0.1889
25	-0.0609	76	-0.0099	135	-0.0209
26	-0.0799	77	-0.0439	136	-0.0249
27	-0.1189	78	-0.0769	137	-0.0249
28	-0.2559	79	-0.1229	138	0.1351
29	-0.3639	80	-0.1779	139	0.1331
30	-0.3799	81	-0.2989	140	0.1261
32	-0.2269	82	-0.5559	141	0.1841
33	-0.0419	83	0.0051	142	0.1881
34	-0.0289	84	-0.0489	143	0.1871
35	-0.0319	85	-0.0979	145	-0.0369
36	-0.0349	86	-0.1429	147	0.1881
37	-0.0439	87	-0.1889	151	-0.0859
38	-0.0579	88	-0.2789	152	-0.3459
39	-0.0829	89	-0.5729	153	-0.3079
40	-0.1289	90	-0.0959	154	-0.3179
41	-0.2419	91	-0.1339	155	-0.1639
42	-0.4069	92	-0.1699	156	-0.0199
43	-0.2509	93	-0.2109	157	-0.1679
44	-0.0189	94	-0.2799	158	0.2871
45	-0.0049	95	-0.5759	159	0.1441
46	0.0001	96	-0.8009	160	0.0871
47	-0.0129	97	-0.5289	161	-0.0089
48	-0.0239	98	0.0021	162	0.2131
49	-0.0429	99	-0.0459	163	0.1551
50	-0.0629	100	-0.3169	164	0.1311
51	-0.1029	101	-0.3399	165	-0.0769

ORF	CP	ORF	CP	ORF	CP
166	0.3181	217	-0.2739	268	-0.2519
167	0.1481	218	-0.2249	269	0.0621
168	0.0931	219	-0.1759	270	0.1261
169	-0.0249	220	-0.1769	271	-0.3209
170	0.0341	221	-0.5749	272	-0.3499
171	0.0481	222	-0.4169	273	0.0071
172	-0.1429	223	-0.2089	274	0.0661
173	-0.0829	224	-0.2149	275	0.3531
174	-0.1749	225	0.2271	276	0.3071
175	-0.3309	226	0.0871	277	0.1521
176	-0.3399	227	-1.0839	278	-1.0299
177	-0.3379	228	-1.0129	279	-0.9889
178	-0.4969	229	-0.9259	280	-0.9259
179	-0.5359	230	-0.6149	281	-0.8129
180	-0.2469	231	-0.2989	282	-0.4479
181	0.0441	232	-0.1989	283	-0.1759
182	0.2781	233	-0.1619	284	-0.0479
183	0.6611	234	-0.1509	285	-0.0779
184	0.8741	235	-0.3399	286	-0.3379
185	0.9031	236	-0.4189	287	-0.3839
186	0.9811	237	-0.3579	288	-0.0529
187	1.0881	238	-0.3079	289	0.0901
188	1.1611	239	0.2931	290	0.0861
189	1.1811	240	0.1721	291	-0.3059
190	-0.2809	241	-1.1259	292	0.1611
191	-0.2899	242	-1.0299	325	0.1091
192	-0.2769	244	-0.8109	326	0.1101
193	-0.2769	245	-0.3139	327	0.1131
194	-0.2799	246	-0.1579	328	0.1121
195	-0.2969	247	-0.1069	329	0.1111
196	-0.2859	248	-0.0849	330	0.1111
197	-0.2869	249	-0.1479	331	0.1121
198	-0.2829	250	0.1171	332	0.1131
199	-0.2799	251	-0.3299	333	0.1141
200	-0.2949	252	-0.1579	334	0.1121
201	-0.2839	253	0.2641	335	0.1111
202	-0.2799	254	0.1171	336	0.1101
203	-0.2869	255	-1.1349	337	0.1101
204	-0.2919	256	-1.0789	338	0.1101
205	0.2071	257	-1.0289	339	0.1131
206	0.2591	258	-0.9019	340	0.1121
207	0.2401	259	-0.3489	341	0.1111
208	0.2171	260	-0.1379	350	0.1041
210	0.2021	261	-0.0639	351	0.1041
211	0.1771	262	-0.0529	352	0.1051
212	0.0321	263	-0.2699	353	0.1041
213	-0.8539	264	-0.1889	354	0.1041
214	-0.7349	265	0.0771	355	0.1041
215	-0.6449	266	0.1091		
216	-0.4319	267	-0.2869		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1174
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.997
TUNNEL DYNAMIC PRESSURE(PSF) = 727.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 1045.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8276
247	0.8266
347	0.8276
447	0.8276
547	0.8236
647	0.8236
747	0.8226

ORF	CP	ORF	CP	ORF	CP
1	0.0566	52	-0.1834	102	-0.4084
2	-0.3994	53	-0.3924	103	-0.8034
3	-0.7184	54	-0.5314	104	-0.7814
4	-0.6664	55	-0.2184	105	-0.6374
5	-0.6234	56	-0.1244	110	-0.2294
6	-0.4994	57	-0.0494	111	-0.2634
7	-0.3664	58	-0.0324	112	-0.2324
8	-0.2264	59	-0.0424	113	-0.3084
9	-0.1594	60	-0.0684	114	0.0836
10	-0.1074	61	-0.1024	115	0.0856
11	-0.0934	62	-0.1484	116	0.0866
12	-0.0954	63	-0.2114	117	0.0886
13	-0.1194	64	-0.5564	118	0.0826
14	-0.2514	65	-0.5554	119	0.0866
15	-0.3584	66	-0.0584	120	-0.2114
16	-0.2884	67	-0.0134	121	0.0736
17	-0.5144	68	-0.0294	122	0.0846
18	-0.6184	69	-0.0504	123	0.0886
19	-0.5764	70	-0.0814	124	-0.1934
20	-0.4574	71	-0.1174	125	-0.1734
21	-0.3004	72	-0.1654	126	-0.1464
22	-0.1894	73	-0.2344	127	-0.1574
23	-0.1194	74	-0.5684	128	-0.1914
24	-0.0884	75	-0.0494	129	-0.2324
25	-0.0864	76	-0.0364	135	-0.1154
26	-0.1034	77	-0.0674	136	-0.1194
27	-0.1324	78	-0.1074	137	-0.1154
28	-0.2684	79	-0.1564	138	0.0696
29	-0.4144	80	-0.1944	139	0.0536
30	-0.3694	81	-0.3104	140	0.0666
32	-0.5064	82	-0.5734	141	0.1666
33	-0.4374	83	-0.0344	142	0.1876
34	-0.2444	84	-0.0894	143	0.1926
35	-0.1484	85	-0.1324	145	-0.1244
36	-0.0874	86	-0.1744	147	0.1866
37	-0.0684	87	-0.2174	151	-0.0594
38	-0.0794	88	-0.2874	152	-0.3574
39	-0.1084	89	-0.5824	153	-0.3384
40	-0.1544	90	-0.1514	154	-0.2694
41	-0.2534	91	-0.2064	155	-0.2284
42	-0.4784	92	-0.2194	156	-0.0114
43	-0.3554	93	-0.2514	157	-0.1174
44	-0.3214	94	-0.3004	158	0.2416
45	-0.3024	95	-0.5924	159	0.1456
46	-0.1464	96	-0.7294	160	0.0946
47	-0.0824	97	-0.5274	161	0.0156
48	-0.0504	98	-0.0604	162	0.1546
49	-0.0624	99	-0.0534	163	0.1156
50	-0.0894	100	-0.3304	164	0.0526
51	-0.1284	101	-0.4424	165	-0.0824

ORF	CP	ORF	CP	ORF	CP
166	0.3056	217	-0.3354	268	-0.3074
167	0.1306	218	-0.2804	269	0.0096
168	0.0826	219	-0.2484	270	0.0796
169	-0.0124	220	-0.2534	271	-0.4264
170	0.0686	221	-0.6034	272	-0.4394
171	0.0906	222	-0.5094	273	-0.0514
172	-0.1214	223	-0.2604	274	-0.0094
173	-0.0764	224	-0.2484	275	0.1856
174	-0.1974	225	0.0786	276	0.3036
175	-0.3494	226	-0.0464	277	0.1466
176	-0.3704	227	-1.0494	278	-1.0114
177	-0.3354	228	-0.9794	279	-0.9324
178	-0.4284	229	-0.8664	280	-0.8344
179	-0.4464	230	-0.6464	281	-0.7214
180	-0.2334	231	-0.3944	282	-0.6024
181	-0.1744	232	-0.2914	283	-0.4644
182	0.0426	233	-0.2344	284	-0.1294
183	0.7086	234	-0.2334	285	-0.0994
184	0.8976	235	-0.4214	286	-0.4294
185	0.9256	236	-0.4764	287	-0.4744
186	1.0356	237	-0.3464	288	-0.1384
187	1.1716	238	-0.2954	289	0.0126
188	1.2436	239	0.1936	290	0.0606
189	1.2446	240	0.0886	291	-0.1424
190	-0.2644	241	-1.1214	292	0.2616
191	-0.3144	242	-1.0354	325	0.1096
192	-0.2764	244	-0.8424	326	0.1066
193	-0.2774	245	-0.5834	327	0.1066
194	-0.2954	246	-0.3184	328	0.1036
195	-0.3274	247	-0.1824	329	0.1026
196	-0.2984	248	-0.1534	330	0.1056
197	-0.2904	249	-0.2474	331	0.1066
198	-0.3064	250	0.1086	332	0.1106
199	-0.2954	251	-0.3204	333	0.1036
200	-0.3364	252	-0.1614	334	0.1026
201	-0.3224	253	0.2786	335	0.1046
202	-0.2964	254	0.1286	336	0.1026
203	-0.3194	255	-1.1164	337	0.1086
204	-0.3294	256	-1.0474	338	0.1046
205	0.0916	257	-0.9854	339	0.1056
206	0.1406	258	-0.8694	340	0.1026
207	0.1196	259	-0.6434	341	0.1016
208	0.1056	260	-0.3924	350	0.0916
210	0.1326	261	-0.1264	351	0.0896
211	0.0366	262	-0.0864	352	0.0926
212	-0.0794	263	-0.4084	353	0.0896
213	-0.9014	264	-0.2194	354	0.0946
214	-0.7744	265	0.0586	355	0.0946
215	-0.7024	266	0.0736		
216	-0.4924	267	-0.4054		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1175
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 57.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.997
TUNNEL DYNAMIC PRESSURE(PSF) = 728.
TUNNEL STAGNATION PRESSURE(PSF) = 1972.
TUNNEL STATIC PRESSURE(PSF) = 1045.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 0.14
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.8286
247	0.8276
347	0.8286
447	0.8296
547	0.8306
647	0.8296
747	0.8306

ORF	CP	ORF	CP	ORF	CP
1	0.1336	52	-0.0604	102	-0.2624
2	-0.2914	53	-0.2934	103	-0.6474
3	-0.3764	54	-0.4074	104	-0.6284
4	-0.2474	55	0.1376	105	-0.4304
5	-0.1364	56	0.1136	110	-0.2374
6	-0.0624	57	0.1026	111	-0.2724
7	-0.0074	58	0.0866	112	-0.1934
8	0.0156	59	0.0686	113	-0.2124
9	0.0316	60	0.0476	114	0.0716
10	0.0326	61	0.0206	115	0.0716
11	0.0336	62	-0.0184	116	0.0716
12	0.0216	63	-0.0874	117	0.0716
13	-0.0124	64	-0.4734	118	0.0716
14	-0.1544	65	-0.4624	119	0.0716
15	-0.2264	66	0.1336	120	-0.1764
16	-0.1624	67	0.1126	121	0.0646
17	-0.1914	68	0.0886	122	0.0716
18	-0.0894	69	0.0646	123	0.0706
19	-0.0444	70	0.0356	124	-0.0934
20	-0.0084	71	0.0036	125	-0.0574
21	0.0166	72	-0.0444	126	-0.0114
22	0.0356	73	-0.1324	127	-0.0304
23	0.0406	74	-0.4894	128	-0.1794
24	0.0396	75	0.1266	129	-0.2504
25	0.0336	76	0.0916	135	-0.0104
26	0.0126	77	0.0546	136	-0.0054
27	-0.0294	78	0.0176	137	-0.0114
28	-0.1684	79	-0.0274	138	0.1306
29	-0.2644	80	-0.0824	139	0.1356
30	-0.0414	81	-0.2114	140	0.1316
32	0.0186	82	-0.5034	141	0.1786
33	0.0356	83	0.1016	142	0.1776
34	0.0486	84	0.0546	143	0.1786
35	0.0556	85	0.0016	145	-0.0074
36	0.0566	86	-0.0384	147	0.1786
37	0.0486	87	-0.0854	151	-0.0334
38	0.0366	88	-0.1784	152	-0.2784
39	0.0126	89	-0.5154	153	-0.3204
40	-0.0334	90	0.0076	154	-0.3664
41	-0.1534	91	-0.0174	155	0.0516
42	-0.3154	92	-0.0564	156	0.0476
43	0.0956	93	-0.0964	157	-0.1294
44	0.0906	94	-0.1674	158	0.3616
45	0.0836	95	-0.5164	159	0.2136
46	0.0836	96	-0.3474	160	0.1596
47	0.0746	97	-0.4584	161	0.0426
48	0.0656	98	0.0866	162	0.3366
49	0.0526	99	0.0516	163	0.2436
50	0.0306	100	-0.2014	164	0.1366
51	-0.0054	101	-0.2924	165	-0.0354

ORF	CP	ORF	CP	ORF	CP
166	0.4236	217	-0.1764	268	-0.1704
167	0.2316	218	-0.0314	269	0.1506
168	0.1786	219	0.0376	270	0.2346
169	0.0506	220	0.0166	271	-0.2754
170	0.2416	221	-0.6124	272	-0.2764
171	0.1376	222	-0.3824	273	0.1696
172	-0.0904	223	-0.1234	274	0.2366
173	-0.0244	224	-0.1824	275	0.4386
174	-0.1114	225	0.3496	276	0.3776
175	-0.3344	226	0.1786	277	0.2326
176	-0.3954	227	-0.5814	278	-0.7124
177	-0.2744	228	-0.5594	279	-0.6524
178	-0.4234	229	-0.5394	280	-0.5694
179	-0.3754	230	-0.4284	281	-0.4244
180	-0.3054	231	-0.1854	282	-0.1924
181	0.2706	232	-0.0334	283	-0.0524
182	0.4386	233	0.0286	284	0.0446
183	0.4266	234	0.0176	285	0.0146
184	0.6046	235	-0.1964	286	-0.2854
185	0.6596	236	-0.3114	287	-0.3144
186	0.7586	237	-0.3944	288	0.1496
187	0.8036	238	-0.3464	289	0.2386
188	0.8756	239	0.3226	290	0.1816
189	0.8966	240	0.1956	291	-0.5134
190	-0.2934	241	-0.5404	292	0.0206
191	-0.3064	242	-0.5514	325	0.0746
192	-0.3014	244	-0.3464	326	0.0766
193	-0.2974	245	-0.1164	327	0.0756
194	-0.3014	246	-0.0354	328	0.0736
195	-0.2974	247	0.0136	329	0.0736
196	-0.3174	248	0.0206	330	0.0716
197	-0.2974	249	-0.0334	331	0.0756
198	-0.3004	250	0.0816	332	0.0766
199	-0.3054	251	-0.3364	333	0.0746
200	-0.2924	252	-0.1054	334	0.0736
201	-0.2954	253	0.3226	335	0.0736
202	-0.2914	254	0.1756	336	0.0746
203	-0.2924	255	-0.5764	337	0.0746
204	-0.2934	256	-0.5694	338	0.0776
205	0.3006	257	-0.5314	339	0.0756
206	0.3286	258	-0.4404	340	0.0736
207	0.3276	259	-0.2054	341	0.0736
208	0.3366	260	-0.0474	350	0.0706
210	0.4206	261	0.0326	351	0.0696
211	0.3866	262	0.0336	352	0.0696
212	0.2306	263	-0.1634	353	0.0706
213	-0.7004	264	-0.1064	354	0.0726
214	-0.6164	265	0.1546	355	0.0716
215	-0.5574	266	0.1976		
216	-0.4024	267	-0.1934		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1176
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 707.
TUNNEL STAGNATION PRESSURE(PSF) = 2000.
TUNNEL STATIC PRESSURE(PSF) = 1119.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -14.23
FIN ANGLE(DEG) = 0.48
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7483
247	0.7483
347	0.7483
447	0.7483
547	0.7633
647	0.7603
747	0.7623

ORF	CP	ORF	CP	ORF	CP
1	0.3273	52	0.0533	102	-0.0377
2	-0.0597	53	-0.2297	103	-0.3527
3	-0.1877	54	-0.1017	104	-0.3427
4	-0.1547	55	0.3103	105	-0.1617
5	-0.0767	56	0.2843	110	-0.0757
6	0.0333	57	0.2703	111	-0.0777
7	0.1403	58	0.2433	112	-0.0747
8	0.1953	59	0.2173	113	-0.0837
9	0.2313	60	0.1873	114	0.0513
10	0.2383	61	0.1463	115	0.0513
11	0.2353	62	0.0913	116	0.0523
12	0.2143	63	0.0023	117	0.0523
13	0.1733	64	-0.4197	118	0.0513
14	0.0133	65	-0.2227	119	0.0523
15	-0.0387	66	0.2993	120	-0.1207
16	0.1013	67	0.2693	121	0.0493
17	0.0423	68	0.2353	122	0.0513
18	0.0493	69	0.2023	123	0.0533
19	0.0973	70	0.1613	124	-0.1117
20	0.1433	71	0.1173	125	-0.0717
21	0.1893	72	0.0533	126	-0.0527
22	0.2203	73	-0.0587	127	-0.0627
23	0.2333	74	-0.3527	128	-0.1377
24	0.2393	75	0.2743	129	-0.1427
25	0.2263	76	0.2303	135	-0.0367
26	0.1973	77	0.1803	136	-0.0407
27	0.1413	78	0.1353	137	-0.0597
28	-0.0207	79	0.0833	138	0.0903
29	-0.0577	80	0.0153	139	0.0923
30	0.1843	81	-0.1437	140	0.0873
32	0.1903	82	-0.4597	141	0.2283
33	0.2063	83	0.2093	142	0.2273
34	0.2233	84	0.1813	143	0.2263
35	0.2313	85	0.1283	145	-0.0637
36	0.2363	86	0.0773	147	0.2203
37	0.2273	87	0.0163	151	0.2143
38	0.2093	88	-0.1007	152	-0.1257
39	0.1773	89	-0.4807	153	-0.2457
40	0.1173	90	0.1633	154	-0.3517
41	-0.0327	91	0.1203	155	0.2353
42	-0.0737	92	0.0743	156	0.2213
43	0.2793	93	0.0233	157	-0.0157
44	0.2683	94	-0.0677	158	0.5803
45	0.2563	95	-0.4487	159	0.4323
46	0.2533	96	-0.1827	160	0.3493
47	0.2433	97	-0.3707	161	0.1793
48	0.2283	98	0.2333	162	0.5723
49	0.2063	99	0.1663	163	0.4733
50	0.1773	100	-0.1097	164	0.0943
51	0.1293	101	-0.0717	165	0.0993

ORF	CP	ORF	CP	ORF	CP
166	0.6703	217	0.3743	268	0.0563
167	0.4663	218	0.3923	269	0.3773
168	0.3873	219	0.3693	270	0.4693
169	0.2033	220	0.2963	271	-0.0467
170	0.4843	221	-0.5407	272	-0.0577
171	0.3163	222	-0.3597	273	0.3683
172	0.0293	223	-0.0687	274	0.4463
173	0.2083	224	-0.1297	275	0.7473
174	0.0643	225	0.6413	276	0.5913
175	-0.1977	226	0.4633	277	0.4203
176	-0.3737	227	-0.2087	278	-0.3447
177	-0.0747	228	-0.2067	279	-0.3427
178	-0.2287	229	-0.1857	280	-0.3427
179	-0.1897	230	-0.0517	281	-0.2927
180	-0.2997	231	0.1973	282	-0.1377
181	0.5883	232	0.2973	283	0.0683
182	0.7073	233	0.3223	284	0.2633
183	0.1023	234	0.2743	285	0.2143
184	0.3083	235	-0.0027	286	-0.0557
185	0.6873	236	-0.1837	287	-0.0967
186	1.0563	237	-0.3967	288	0.3343
187	1.0853	238	-0.3427	289	0.4633
188	0.9983	239	0.6013	290	0.4323
189	0.9553	240	0.4733	291	-0.8437
190	-0.2617	241	-0.3907	292	-0.1657
191	-0.2437	242	-0.3747	325	0.0493
192	-0.2667	244	-0.1707	326	0.0493
193	-0.2677	245	0.0793	327	0.0493
194	-0.2707	246	0.2013	328	0.0493
195	-0.2497	247	0.2753	329	0.0483
196	-0.3197	248	0.2673	330	0.0483
197	-0.2727	249	0.1963	331	0.0503
198	-0.2827	250	0.0653	332	0.0503
199	-0.2907	251	-0.2577	333	0.0503
200	-0.2667	252	0.1083	334	0.0493
201	-0.2687	253	0.5833	335	0.0493
202	-0.2747	254	0.4183	336	0.0493
203	-0.2847	255	-0.2877	337	0.0483
204	-0.2777	256	-0.2927	338	0.0483
205	0.4183	257	-0.3027	339	0.0493
206	0.5183	258	-0.2947	340	0.0483
207	0.4893	259	-0.1527	341	0.0473
208	0.5293	260	0.0733	350	0.0523
210	0.5283	261	0.2673	351	0.0533
211	0.6473	262	0.2593	352	0.0523
212	0.5273	263	0.0523	353	0.0503
213	-0.2887	264	0.1273	354	0.0533
214	0.0093	265	0.3813	355	0.0533
215	0.1343	266	0.4283		
216	0.3043	267	0.0223		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1177
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 707.
TUNNEL STAGNATION PRESSURE(PSF) = 2003.
TUNNEL STATIC PRESSURE(PSF) = 1122.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = 0.34
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7420
247	0.7410
347	0.7410
447	0.7420
547	0.7490
647	0.7480
747	0.7480

ORF	CP	ORF	CP	ORF	CP
1	0.2380	52	-0.0240	102	-0.1710
2	-0.2580	53	-0.3040	103	-0.5400
3	-0.3630	54	-0.2990	104	-0.5250
4	-0.3110	55	0.2060	105	-0.3180
5	-0.2110	56	0.1830	110	-0.0690
6	-0.1070	57	0.1690	111	-0.0730
7	-0.0130	58	0.1470	112	-0.0470
8	0.0520	59	0.1250	113	-0.0710
9	0.0950	60	0.1010	114	0.0370
10	0.1150	61	0.0640	115	0.0360
11	0.1160	62	0.0120	116	0.0360
12	0.1030	63	-0.0730	117	0.0330
13	0.0660	64	-0.5100	118	0.0340
14	-0.0840	65	-0.4760	119	0.0320
15	-0.1620	66	0.2000	120	-0.0550
16	-0.0830	67	0.1750	121	0.0320
17	-0.1700	68	0.1480	122	0.0350
18	-0.0880	69	0.1140	123	0.0340
19	-0.0460	70	0.0770	124	-0.0520
20	0.0110	71	0.0370	125	-0.0290
21	0.0590	72	-0.0210	126	-0.0080
22	0.0960	73	-0.1270	127	-0.0200
23	0.1160	74	-0.5200	128	-0.0670
24	0.1250	75	0.1820	129	-0.1080
25	0.1190	76	0.1420	135	0.0110
26	0.0970	77	0.0970	136	-0.0070
27	0.0450	78	0.0550	137	0.0020
28	-0.1160	79	0.0050	138	0.1060
29	-0.2010	80	-0.0600	139	0.1040
30	0.0180	81	-0.2060	140	0.1060
32	0.0530	82	-0.5340	141	0.1430
33	0.0820	83	0.1350	142	0.1420
34	0.1050	84	0.0960	143	0.1510
35	0.1200	85	0.0430	145	-0.0120
36	0.1270	86	-0.0050	147	0.1500
37	0.1250	87	-0.0600	151	0.1010
38	0.1100	88	-0.1660	152	-0.2050
39	0.0800	89	-0.5460	153	-0.2780
40	0.0270	90	0.0690	154	-0.3270
41	-0.1160	91	0.0280	155	0.1100
42	-0.2380	92	-0.0140	156	0.1490
43	0.1550	93	-0.0630	157	-0.0630
44	0.1510	94	-0.1440	158	0.4520
45	0.1460	95	-0.5310	159	0.3330
46	0.1490	96	-0.3440	160	0.2640
47	0.1410	97	-0.4760	161	0.1120
48	0.1330	98	0.1480	162	0.4480
49	0.1160	99	0.0870	163	0.3700
50	0.0900	100	-0.1840	164	0.1040
51	0.0450	101	-0.2250	165	0.0400

ORF	CP	ORF	CP	ORF	CP
166	0.5410	217	0.1320	268	-0.0840
167	0.3660	218	0.1720	269	0.2490
168	0.2950	219	0.1890	270	0.3310
169	0.1300	220	0.1500	271	-0.1960
170	0.3270	221	-0.6260	272	-0.1930
171	0.2360	222	-0.4670	273	0.2510
172	-0.0290	223	-0.1400	274	0.3250
173	0.0960	224	-0.1730	275	0.6310
174	-0.0230	225	0.4940	276	0.5090
175	-0.2380	226	0.3270	277	0.3310
176	-0.3570	227	-0.4780	278	-0.6050
177	-0.1650	228	-0.4580	279	-0.5700
178	-0.3110	229	-0.4130	280	-0.5340
179	-0.2900	230	-0.2720	281	-0.4530
180	-0.2820	231	0.0010	282	-0.2870
181	0.5170	232	0.1080	283	-0.0890
182	0.6740	233	0.1600	284	0.1220
183	0.2390	234	0.1370	285	0.1020
184	0.4140	235	-0.1190	286	-0.2010
185	0.5710	236	-0.2730	287	-0.2290
186	0.7290	237	-0.4410	288	0.2270
187	0.8870	238	-0.3570	289	0.3360
188	0.9960	239	0.5050	290	0.2890
189	1.0790	240	0.3690	291	-0.7690
190	-0.2550	241	-0.6060	292	-0.1850
191	-0.2400	242	-0.5750	325	0.0370
192	-0.2480	244	-0.3430	326	0.0400
193	-0.2560	245	-0.0960	327	0.0400
194	-0.2620	246	0.0290	328	0.0400
195	-0.2410	247	0.1190	329	0.0400
196	-0.2990	248	0.1280	330	0.0370
197	-0.2620	249	0.0690	331	0.0400
198	-0.2690	250	0.0440	332	0.0400
199	-0.2780	251	-0.3140	333	0.0410
200	-0.2490	252	-0.0140	334	0.0410
201	-0.2540	253	0.4870	335	0.0380
202	-0.2560	254	0.3170	336	0.0370
203	-0.2580	255	-0.5190	337	0.0370
204	-0.2590	256	-0.5130	338	0.0390
205	0.3850	257	-0.5100	339	0.0390
206	0.4630	258	-0.4690	340	0.0390
207	0.4500	259	-0.2920	341	0.0390
208	0.4760	260	-0.0760	350	0.0330
210	0.4980	261	0.1260	351	0.0340
211	0.4960	262	0.1360	352	0.0330
212	0.3550	263	-0.0720	353	0.0310
213	-0.5800	264	-0.0100	354	0.0340
214	-0.3580	265	0.2590	355	0.0320
215	-0.2240	266	0.3020		
216	0.0060	267	-0.1160		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1178
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.947
TUNNEL DYNAMIC PRESSURE(PSF) = 705.
TUNNEL STAGNATION PRESSURE(PSF) = 2001.
TUNNEL STATIC PRESSURE(PSF) = 1123.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = 0.15
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7431
247	0.7431
347	0.7421
447	0.7431
547	0.7521
647	0.7521
747	0.7511

ORF	CP	ORF	CP	ORF	CP
1	0.1731	52	-0.0729	102	-0.2229
2	-0.3279	53	-0.3399	103	-0.6119
3	-0.4299	54	-0.4149	104	-0.6009
4	-0.3279	55	0.1531	105	-0.3849
5	-0.2089	56	0.1301	110	-0.0589
6	-0.0979	57	0.1161	111	-0.0599
7	-0.0269	58	0.0961	112	-0.0189
8	0.0201	59	0.0711	113	-0.0519
9	0.0481	60	0.0491	114	0.0561
10	0.0551	61	0.0121	115	0.0551
11	0.0531	62	-0.0359	116	0.0561
12	0.0361	63	-0.1139	117	0.0531
13	0.0001	64	-0.5419	118	0.0551
14	-0.1479	65	-0.5249	119	0.0531
15	-0.2179	66	0.1451	120	-0.0259
16	-0.1739	67	0.1211	121	0.0561
17	-0.2319	68	0.0911	122	0.0551
18	-0.1159	69	0.0641	123	0.0561
19	-0.0599	70	0.0321	124	-0.0189
20	-0.0119	71	-0.0069	125	-0.0009
21	0.0281	72	-0.0629	126	0.0201
22	0.0571	73	-0.1639	127	0.0121
23	0.0641	74	-0.5529	128	0.0311
24	0.0651	75	0.1341	129	-0.0519
25	0.0571	76	0.0941	135	0.0411
26	0.0341	77	0.0521	136	0.0331
27	-0.0179	78	0.0081	137	0.0341
28	-0.1719	79	-0.0399	138	0.1291
29	-0.2579	80	-0.0989	139	0.1301
30	-0.0249	81	-0.2419	140	0.1261
32	0.0231	82	-0.5659	141	0.1471
33	0.0471	83	0.0951	142	0.1441
34	0.0621	84	0.0451	143	0.1411
35	0.0741	85	-0.0079	145	0.0341
36	0.0751	86	-0.0539	147	0.1441
37	0.0691	87	-0.1069	151	0.0261
38	0.0531	88	-0.2069	152	-0.2449
39	0.0261	89	-0.5809	153	-0.2509
40	-0.0259	90	0.0091	154	-0.3069
41	-0.1619	91	-0.0239	155	0.0191
42	-0.2919	92	-0.0659	156	0.1141
43	0.1051	93	-0.1129	157	-0.0789
44	0.0991	94	-0.1899	158	0.3791
45	0.0951	95	-0.5719	159	0.2791
46	0.0931	96	-0.4139	160	0.2171
47	0.0871	97	-0.5149	161	0.0801
48	0.0781	98	0.0951	162	0.3911
49	0.0571	99	0.0431	163	0.3091
50	0.0351	100	-0.2279	164	0.1291
51	-0.0069	101	-0.2689	165	0.0111

ORF	CP	ORF	CP	ORF	CP
166	0.4731	217	0.0381	268	-0.1449
167	0.3081	218	0.0701	269	0.1911
168	0.2521	219	0.0821	270	0.2681
169	0.0951	220	0.0401	271	-0.2399
170	0.2291	221	-0.6079	272	-0.2609
171	0.1951	222	-0.4409	273	0.1731
172	-0.0569	223	-0.1389	274	0.2601
173	0.0241	224	-0.1709	275	0.5361
174	-0.0729	225	0.3261	276	0.4551
175	-0.2709	226	0.1701	277	0.2771
176	-0.3439	227	-0.4909	278	-0.7339
177	-0.2279	228	-0.4729	279	-0.6839
178	-0.3899	229	-0.4209	280	-0.6179
179	-0.3829	230	-0.2409	281	-0.4999
180	-0.2459	231	-0.0339	282	-0.2689
181	0.2261	232	0.0321	283	-0.0769
182	0.3701	233	0.0591	284	0.0741
183	0.2601	234	0.0361	285	0.0411
184	0.4501	235	-0.1869	286	-0.2559
185	0.5151	236	-0.3129	287	-0.2989
186	0.6311	237	-0.3519	288	0.1371
187	0.7531	238	-0.2939	289	0.2751
188	0.8571	239	0.3821	290	0.2341
189	0.9151	240	0.2551	291	-0.7989
190	-0.2379	241	-0.5959	292	-0.1099
191	-0.2399	242	-0.5759	325	0.0611
192	-0.2439	244	-0.3469	326	0.0641
193	-0.2379	245	-0.1129	327	0.0631
194	-0.2359	246	-0.0149	328	0.0601
195	-0.2309	247	0.0441	329	0.0611
196	-0.2549	248	0.0451	330	0.0601
197	-0.2399	249	-0.0109	331	0.0661
198	-0.2379	250	0.0661	332	0.0641
199	-0.2419	251	-0.2929	333	0.0621
200	-0.2349	252	-0.0729	334	0.0641
201	-0.2279	253	0.3811	335	0.0621
202	-0.2279	254	0.2281	336	0.0611
203	-0.2339	255	-0.6269	337	0.0621
204	-0.2349	256	-0.6139	338	0.0631
205	0.3381	257	-0.5949	339	0.0621
206	0.3781	258	-0.4949	340	0.0601
207	0.3801	259	-0.2449	341	0.0601
208	0.3901	260	-0.0449	350	0.0551
210	0.4311	261	0.0721	351	0.0551
211	0.3481	262	0.0721	352	0.0541
212	0.2131	263	-0.1419	353	0.0531
213	-0.5809	264	-0.0679	354	0.0551
214	-0.4709	265	0.2091	355	0.0551
215	-0.3529	266	0.2401		
216	-0.1169	267	-0.1739		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1179
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.947
TUNNEL DYNAMIC PRESSURE(PSF) = 705.
TUNNEL STAGNATION PRESSURE(PSF) = 2003.
TUNNEL STATIC PRESSURE(PSF) = 1125.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.7403
247	0.7383
347	0.7393
447	0.7393
547	0.7473
647	0.7463
747	0.7463

ORF	CP	ORF	CP	ORF	CP
1	0.0923	52	-0.1307	102	-0.2857
2	-0.3607	53	-0.3887	103	-0.6577
3	-0.4087	54	-0.4687	104	-0.6487
4	-0.2637	55	0.0903	105	-0.4447
5	-0.1577	56	0.0663	110	-0.0937
6	-0.0857	57	0.0513	111	-0.0907
7	-0.0427	58	0.0293	112	-0.0327
8	-0.0197	59	0.0103	113	-0.0627
9	-0.0077	60	-0.0137	114	0.0673
10	-0.0087	61	-0.0497	115	0.0673
11	-0.0197	62	-0.0937	116	0.0663
12	-0.0337	63	-0.1697	117	0.0673
13	-0.0677	64	-0.5817	118	0.0673
14	-0.2147	65	-0.5587	119	0.0703
15	-0.2737	66	0.0833	120	-0.0397
16	-0.2187	67	0.0573	121	0.0633
17	-0.1967	68	0.0303	122	0.0643
18	-0.1167	69	0.0023	123	0.0673
19	-0.0717	70	-0.0297	124	-0.0187
20	-0.0377	71	-0.0677	125	-0.0067
21	-0.0187	72	-0.1217	126	0.0133
22	-0.0017	73	-0.2177	127	0.0023
23	-0.0037	74	-0.5927	128	-0.0397
24	-0.0037	75	0.0713	129	-0.0787
25	-0.0167	76	0.0353	135	0.0373
26	-0.0367	77	-0.0047	136	0.0233
27	-0.0847	78	-0.0477	137	0.0373
28	-0.2317	79	-0.0957	138	0.1193
29	-0.3117	80	-0.1567	139	0.1193
30	-0.0447	81	-0.2947	140	0.1183
32	-0.0137	82	-0.6067	141	0.1273
33	0.0013	83	0.0483	142	0.1283
34	0.0083	84	-0.0127	143	0.1303
35	0.0103	85	-0.0657	145	0.0203
36	0.0113	86	-0.1107	147	0.1273
37	0.0023	87	-0.1617	151	-0.0667
38	-0.0137	88	-0.2587	152	-0.2747
39	-0.0407	89	-0.6187	153	-0.2677
40	-0.0907	90	-0.0607	154	-0.3187
41	-0.2207	91	-0.0877	155	-0.0487
42	-0.3567	92	-0.1287	156	0.0713
43	0.0523	93	-0.1707	157	-0.1027
44	0.0423	94	-0.2427	158	0.3373
45	0.0363	95	-0.6137	159	0.2213
46	0.0323	96	-0.3987	160	0.1623
47	0.0213	97	-0.5527	161	0.0373
48	0.0123	98	0.0313	162	0.3153
49	-0.0057	99	-0.0107	163	0.2523
50	-0.0287	100	-0.2797	164	0.1213
51	-0.0687	101	-0.3177	165	-0.0287

ORF	CP	ORF	CP	ORF	CP
166	0.3983	217	-0.1907	268	-0.2247
167	0.2503	218	-0.0617	269	0.1123
168	0.1893	219	-0.0047	270	0.1923
169	0.0523	220	-0.0337	271	-0.3017
170	0.1383	221	-0.6527	272	-0.3317
171	0.1413	222	-0.5067	273	0.0953
172	-0.0847	223	-0.1587	274	0.1743
173	-0.0477	224	-0.1827	275	0.3603
174	-0.1417	225	0.3013	276	0.3603
175	-0.3267	226	0.1253	277	0.1963
176	-0.3197	227	-0.6537	278	-0.8107
177	-0.2967	228	-0.6297	279	-0.7327
178	-0.4617	229	-0.5897	280	-0.6417
179	-0.4737	230	-0.4587	281	-0.4627
180	-0.2387	231	-0.1927	282	-0.2017
181	0.2993	232	-0.0567	283	-0.0627
182	0.4543	233	-0.0147	284	-0.0007
183	0.4183	234	-0.0327	285	-0.0387
184	0.6233	235	-0.2637	286	-0.3167
185	0.6873	236	-0.3697	287	-0.3607
186	0.7463	237	-0.3717	288	0.0453
187	0.8273	238	-0.3077	289	0.1803
188	0.8793	239	0.2523	290	0.1453
189	0.9243	240	0.1253	291	-0.5867
190	-0.2407	241	-0.5757	292	-0.0317
191	-0.2427	242	-0.5607	325	0.0783
192	-0.2407	244	-0.3357	326	0.0783
193	-0.2447	245	-0.1287	327	0.0793
194	-0.2467	246	-0.0707	328	0.0783
195	-0.2477	247	-0.0357	329	0.0783
196	-0.2607	248	-0.0327	330	0.0753
197	-0.2397	249	-0.0927	331	0.0793
198	-0.2447	250	0.0813	332	0.0793
199	-0.2497	251	-0.3177	333	0.0793
200	-0.2447	252	-0.1317	334	0.0803
201	-0.2397	253	0.2813	335	0.0763
202	-0.2367	254	0.1313	336	0.0813
203	-0.2387	255	-0.6637	337	0.0773
204	-0.2347	256	-0.6397	338	0.0793
205	0.2583	257	-0.6017	339	0.0793
206	0.2803	258	-0.4757	340	0.0793
207	0.2853	259	-0.2017	341	0.0793
208	0.2843	260	-0.0607	350	0.0683
210	0.3613	261	-0.0097	351	0.0683
211	0.3583	262	-0.0117	352	0.0693
212	0.1993	263	-0.2217	353	0.0693
213	-0.7757	264	-0.1597	354	0.0703
214	-0.6757	265	0.1223	355	0.0703
215	-0.6117	266	0.1593		
216	-0.4467	267	-0.2457		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1180
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 709.
TUNNEL STAGNATION PRESSURE(PSF) = 2005.
TUNNEL STATIC PRESSURE(PSF) = 1121.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = 3.96
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.7429
247	0.7419
347	0.7419
447	0.7429
547	0.7589
647	0.7579
747	0.7579

ORF	CP	ORF	CP	ORF	CP
1	0.0049	52	-0.1961	102	-0.2841
2	-0.3801	53	-0.4371	103	-0.6131
3	-0.3991	54	-0.3791	104	-0.5971
4	-0.2711	55	0.0079	105	-0.4191
5	-0.1931	56	-0.0121	110	-0.0661
6	-0.1321	57	-0.0241	111	-0.0881
7	-0.0991	58	-0.0421	112	-0.0191
8	-0.0881	59	-0.0661	113	-0.0571
9	-0.0831	60	-0.0821	114	0.1119
10	-0.0821	61	-0.1161	115	0.1119
11	-0.0921	62	-0.1601	116	0.1109
12	-0.1041	63	-0.2331	117	0.1119
13	-0.1311	64	-0.6011	118	0.1129
14	-0.2631	65	-0.5131	119	0.1099
15	-0.2961	66	-0.0031	120	-0.0201
16	-0.2231	67	-0.0241	121	0.1139
17	-0.2061	68	-0.0471	122	0.1119
18	-0.1571	69	-0.0701	123	0.1109
19	-0.1191	70	-0.1001	124	-0.0021
20	-0.0991	71	-0.1381	125	0.0049
21	-0.0831	72	-0.1881	126	0.0189
22	-0.0731	73	-0.2821	127	0.0149
23	-0.0721	74	-0.5821	128	-0.0071
24	-0.0801	75	-0.0121	129	-0.0521
25	-0.0891	76	-0.0481	135	0.0479
26	-0.1091	77	-0.0821	136	0.0369
27	-0.1511	78	-0.1191	137	0.0519
28	-0.2811	79	-0.1651	138	0.1409
29	-0.3161	80	-0.2241	139	0.1409
30	-0.1001	81	-0.3621	140	0.1419
32	-0.0771	82	-0.6171	141	0.1469
33	-0.0651	83	-0.0181	142	0.1489
34	-0.0591	84	-0.0861	143	0.1499
35	-0.0601	85	-0.1371	145	0.0389
36	-0.0621	86	-0.1811	147	0.1489
37	-0.0721	87	-0.2311	151	-0.1111
38	-0.0881	88	-0.3321	152	-0.1701
39	-0.1141	89	-0.6291	153	-0.2601
40	-0.1601	90	-0.1281	154	-0.2831
41	-0.2771	91	-0.1581	155	-0.0651
42	-0.3361	92	-0.1991	156	0.0209
43	-0.0201	93	-0.2451	157	-0.1211
44	-0.0311	94	-0.3251	158	0.2759
45	-0.0361	95	-0.6201	159	0.1669
46	-0.0421	96	-0.3791	160	0.1069
47	-0.0491	97	-0.5761	161	0.0129
48	-0.0641	98	-0.0381	162	0.2159
49	-0.0771	99	-0.0871	163	0.1829
50	-0.1011	100	-0.3621	164	0.1389
51	-0.1361	101	-0.3091	165	-0.0451

ORF	CP	ORF	CP	ORF	CP
166	0.3159	217	-0.2331	268	-0.2221
167	0.1819	218	-0.1521	269	0.0659
168	0.1319	219	-0.1121	270	0.1379
169	0.0139	220	-0.1351	271	-0.2811
170	0.1009	221	-0.5921	272	-0.3161
171	0.0739	222	-0.4571	273	0.0149
172	-0.0961	223	-0.1641	274	0.0789
173	-0.0701	224	-0.1741	275	0.2869
174	-0.1541	225	0.2759	276	0.2739
175	-0.2951	226	0.1219	277	0.1109
176	-0.2751	227	-0.8371	278	-0.7641
177	-0.3121	228	-0.7591	279	-0.7071
178	-0.4721	229	-0.6841	280	-0.6061
179	-0.4761	230	-0.5261	281	-0.4311
180	-0.2251	231	-0.2751	282	-0.2041
181	0.1129	232	-0.1491	283	-0.1031
182	0.2549	233	-0.1011	284	-0.0641
183	0.3689	234	-0.1111	285	-0.0951
184	0.5119	235	-0.3171	286	-0.2861
185	0.5539	236	-0.3711	287	-0.3461
186	0.6249	237	-0.3161	288	-0.0311
187	0.7519	238	-0.2651	289	0.1049
188	0.8769	239	0.2219	290	0.0799
189	0.9459	240	0.1009	291	-0.4181
190	-0.2171	241	-0.6901	292	0.0599
191	-0.2231	242	-0.6701	325	0.1049
192	-0.2211	244	-0.4361	326	0.1059
193	-0.2201	245	-0.2091	327	0.1049
194	-0.2261	246	-0.1331	328	0.1049
195	-0.2341	247	-0.0961	329	0.1059
196	-0.2381	248	-0.0881	330	0.1079
197	-0.2281	249	-0.1301	331	0.1069
198	-0.2221	250	0.1199	332	0.1049
199	-0.2261	251	-0.2841	333	0.1049
200	-0.2261	252	-0.1451	334	0.1069
201	-0.2241	253	0.2169	335	0.1079
202	-0.2171	254	0.0619	336	0.1009
203	-0.2221	255	-0.6601	337	0.1049
204	-0.2251	256	-0.6411	338	0.1049
205	0.2069	257	-0.6031	339	0.1039
206	0.2249	258	-0.4861	340	0.1049
207	0.2289	259	-0.2341	341	0.1059
208	0.2299	260	-0.1181	350	0.1109
210	0.2709	261	-0.0781	351	0.1109
211	0.2379	262	-0.0761	352	0.1119
212	0.0789	263	-0.2431	353	0.1119
213	-0.8381	264	-0.1761	354	0.1109
214	-0.7171	265	0.0709	355	0.1099
215	-0.6301	266	0.1099		
216	-0.4251	267	-0.2501		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1181
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.952
TUNNEL DYNAMIC PRESSURE(PSF) = 710.
TUNNEL STAGNATION PRESSURE(PSF) = 2006.
TUNNEL STATIC PRESSURE(PSF) = 1120.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = 7.92
FIN ANGLE(DEG) = 0.16
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.7405
247	0.7395
347	0.7405
447	0.7405
547	0.7505
647	0.7495
747	0.7505

ORF	CP	ORF	CP	ORF	CP
1	-0.0795	52	-0.2565	102	-0.3295
2	-0.3805	53	-0.4735	103	-0.6205
3	-0.3655	54	-0.4155	104	-0.6105
4	-0.2745	55	-0.0615	105	-0.4505
5	-0.2155	56	-0.0795	110	-0.2625
6	-0.1825	57	-0.0955	111	-0.1145
7	-0.1645	58	-0.1085	112	-0.0405
8	-0.1585	59	-0.1325	113	-0.0945
9	-0.1585	60	-0.1505	114	0.1125
10	-0.1595	61	-0.1875	115	0.1125
11	-0.1665	62	-0.2205	116	0.1125
12	-0.1795	63	-0.2915	117	0.1105
13	-0.2065	64	-0.6055	118	0.1125
14	-0.3205	65	-0.5245	119	0.1135
15	-0.3395	66	-0.0855	120	-0.0595
16	-0.2325	67	-0.0955	121	0.1075
17	-0.2305	68	-0.1065	122	0.1115
18	-0.1945	69	-0.1345	123	0.1145
19	-0.1755	70	-0.1625	124	-0.0325
20	-0.1595	71	-0.1895	125	-0.0315
21	-0.1545	72	-0.2445	126	-0.0185
22	-0.1455	73	-0.3355	127	-0.0245
23	-0.1535	74	-0.5735	128	0.0125
24	-0.1595	75	-0.0915	129	-0.0625
25	-0.1695	76	-0.1115	135	0.0135
26	-0.1895	77	-0.1465	136	-0.0005
27	-0.2275	78	-0.1775	137	0.0135
28	-0.3435	79	-0.2205	138	0.1105
29	-0.3625	80	-0.2795	139	0.1075
30	-0.1425	81	-0.4165	140	0.1145
32	-0.1415	82	-0.5955	141	0.1305
33	-0.1365	83	-0.0865	142	0.1345
34	-0.1355	84	-0.1575	143	0.1325
35	-0.1365	85	-0.1905	145	-0.0015
36	-0.1365	86	-0.2355	147	0.1345
37	-0.1505	87	-0.2885	151	-0.1285
38	-0.1655	88	-0.3885	152	-0.2665
39	-0.1885	89	-0.6065	153	-0.2625
40	-0.2265	90	-0.2085	154	-0.2565
41	-0.3375	91	-0.2305	155	-0.1075
42	-0.3705	92	-0.2655	156	-0.0185
43	-0.0855	93	-0.3075	157	-0.1325
44	-0.0945	94	-0.3875	158	0.1695
45	-0.0985	95	-0.5805	159	0.0875
46	-0.1065	96	-0.3735	160	0.0475
47	-0.1195	97	-0.5845	161	-0.0355
48	-0.1325	98	-0.1035	162	0.1105
49	-0.1455	99	-0.1565	163	0.0745
50	-0.1725	100	-0.4275	164	0.1055
51	-0.2015	101	-0.3435	165	-0.0985

ORF	CP	ORF	CP	ORF	CP
166	0.1925	217	-0.3085	268	-0.2575
167	0.0945	218	-0.2655	269	-0.0035
168	0.0535	219	-0.2305	270	0.0555
169	-0.0505	220	-0.2465	271	-0.3255
170	0.0885	221	-0.5915	272	-0.3425
171	0.0235	222	-0.4585	273	-0.0405
172	-0.1215	223	-0.1895	274	-0.0005
173	-0.1055	224	-0.1855	275	0.1655
174	-0.1755	225	0.1235	276	0.1545
175	-0.2945	226	-0.0245	277	0.0175
176	-0.2775	227	-0.8205	278	-0.7245
177	-0.2985	228	-0.7805	279	-0.6665
178	-0.4325	229	-0.7055	280	-0.5835
179	-0.4365	230	-0.5265	281	-0.3915
180	-0.2275	231	-0.3295	282	-0.2235
181	0.0365	232	-0.2555	283	-0.1705
182	0.2525	233	-0.2225	284	-0.1445
183	0.6905	234	-0.2295	285	-0.1785
184	0.9345	235	-0.3915	286	-0.3245
185	0.9675	236	-0.4225	287	-0.3755
186	1.0275	237	-0.2925	288	-0.0935
187	1.1345	238	-0.2435	289	0.0175
188	1.1995	239	0.1645	290	0.0205
189	1.2035	240	0.0465	291	-0.4125
190	-0.2195	241	-0.7815	292	0.1235
191	-0.2485	242	-0.7545	325	0.1095
192	-0.2195	244	-0.5295	326	0.1115
193	-0.2325	245	-0.3025	327	0.1135
194	-0.2395	246	-0.2225	328	0.1125
195	-0.2645	247	-0.1935	329	0.1105
196	-0.2465	248	-0.1795	330	0.1115
197	-0.2315	249	-0.2065	331	0.1125
198	-0.2395	250	0.1215	332	0.1145
199	-0.2405	251	-0.2815	333	0.1145
200	-0.2645	252	-0.1725	334	0.1105
201	-0.2485	253	0.1375	335	0.1115
202	-0.2335	254	-0.0055	336	0.1095
203	-0.2475	255	-0.7195	337	0.1105
204	-0.2535	256	-0.6805	338	0.1125
205	0.1185	257	-0.6365	339	0.1125
206	0.1355	258	-0.4695	340	0.1115
207	0.1355	259	-0.2705	341	0.1105
208	0.1275	260	-0.1855	350	0.1135
210	0.1575	261	-0.1625	351	0.1145
211	0.0865	262	-0.1575	352	0.1115
212	-0.0525	263	-0.2985	353	0.1155
213	-0.8505	264	-0.2095	354	0.1135
214	-0.7095	265	0.0135	355	0.1115
215	-0.6285	266	0.0335		
216	-0.4655	267	-0.3055		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1182
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.954
TUNNEL DYNAMIC PRESSURE(PSF) = 712.
TUNNEL STAGNATION PRESSURE(PSF) = 2008.
TUNNEL STATIC PRESSURE(PSF) = 1118.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 14.13
FIN ANGLE(DEG) = 0.35
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.7418
247	0.7398
347	0.7408
447	0.7418
547	0.7478
647	0.7468
747	0.7478

ORF	CP	ORF	CP	ORF	CP
1	-0.0022	52	-0.2482	102	-0.4082
2	-0.4702	53	-0.4632	103	-0.7882
3	-0.7352	54	-0.6072	104	-0.7702
4	-0.6762	55	-0.1372	105	-0.5942
5	-0.5712	56	-0.1002	110	-0.2292
6	-0.4452	57	-0.0762	111	-0.2812
7	-0.3112	58	-0.0942	112	-0.2192
8	-0.2192	59	-0.1102	113	-0.2462
9	-0.1822	60	-0.1332	114	0.1228
10	-0.1652	61	-0.1662	115	0.1188
11	-0.1622	62	-0.2042	116	0.1208
12	-0.1702	63	-0.2702	117	0.1178
13	-0.1892	64	-0.6342	118	0.1238
14	-0.3272	65	-0.6322	119	0.1268
15	-0.4002	66	-0.0752	120	-0.0932
16	-0.3412	67	-0.0812	121	0.1138
17	-0.5412	68	-0.0962	122	0.1198
18	-0.6292	69	-0.1142	123	0.1228
19	-0.5442	70	-0.1372	124	-0.1192
20	-0.3912	71	-0.1712	125	-0.0932
21	-0.2462	72	-0.2122	126	-0.0922
22	-0.1872	73	-0.2952	127	-0.0882
23	-0.1572	74	-0.6412	128	-0.0592
24	-0.1532	75	-0.1062	129	-0.1142
25	-0.1632	76	-0.0852	135	-0.0582
26	-0.1782	77	-0.1152	136	-0.0762
27	-0.2152	78	-0.1542	137	-0.0612
28	-0.3412	79	-0.1982	138	0.0678
29	-0.4612	80	-0.2512	139	0.0618
30	-0.4122	81	-0.3672	140	0.0578
32	-0.4752	82	-0.6402	141	0.1438
33	-0.3672	83	-0.0632	142	0.1648
34	-0.1932	84	-0.1422	143	0.1688
35	-0.1512	85	-0.1882	145	-0.0812
36	-0.1352	86	-0.2222	147	0.1628
37	-0.1462	87	-0.2642	151	-0.0782
38	-0.1602	88	-0.3472	152	0.3122
39	-0.1762	89	-0.6542	153	-0.2632
40	-0.2252	90	-0.2142	154	-0.2452
41	-0.3262	91	-0.2692	155	-0.1892
42	-0.5382	92	-0.2682	156	0.0278
43	-0.3712	93	-0.3002	157	-0.0842
44	-0.2722	94	-0.3592	158	0.2238
45	-0.2252	95	-0.6592	159	0.1658
46	-0.0992	96	-0.7602	160	0.1078
47	-0.1092	97	-0.6152	161	0.0308
48	-0.1172	98	-0.0732	162	0.1108
49	-0.1452	99	-0.1322	163	0.1048
50	-0.1662	100	-0.3902	164	0.0558
51	-0.2002	101	-0.4362	165	-0.0742

ORF	CP	ORF	CP	ORF	CP
166	0.2448	217	-0.4032	268	-0.3122
167	0.1458	218	-0.3502	269	-0.0012
168	0.0938	219	-0.3052	270	0.0698
169	-0.0042	220	-0.3072	271	-0.4072
170	0.1018	221	-0.5792	272	-0.4282
171	0.0838	222	-0.4892	273	-0.0922
172	-0.0952	223	-0.2442	274	-0.0552
173	-0.0582	224	-0.2202	275	0.0958
174	-0.1922	225	0.0338	276	0.2368
175	-0.3252	226	-0.1222	277	0.1018
176	-0.3072	227	-1.0472	278	-1.0712
177	-0.3132	228	-0.9562	279	-0.9412
178	-0.4152	229	-0.8582	280	-0.8432
179	-0.4382	230	-0.6762	281	-0.7082
180	-0.2202	231	-0.4382	282	-0.5862
181	-0.1182	232	-0.3512	283	-0.3882
182	0.1058	233	-0.2992	284	-0.1692
183	0.6878	234	-0.2942	285	-0.1712
184	0.8948	235	-0.4342	286	-0.4192
185	0.9058	236	-0.4272	287	-0.4682
186	1.0028	237	-0.2562	288	-0.1972
187	1.1498	238	-0.2572	289	-0.0322
188	1.2228	239	0.1248	290	0.0488
189	1.2228	240	0.0058	291	-0.2032
190	-0.2242	241	-1.1962	292	0.2248
191	-0.2722	242	-1.1082	325	0.1238
192	-0.2292	244	-0.8342	326	0.1238
193	-0.2342	245	-0.5022	327	0.1228
194	-0.2372	246	-0.3222	328	0.1238
195	-0.2812	247	-0.2452	329	0.1228
196	-0.2582	248	-0.2142	330	0.1238
197	-0.2502	249	-0.2652	331	0.1228
198	-0.2512	250	0.1278	332	0.1228
199	-0.2502	251	-0.2782	333	0.1258
200	-0.2992	252	-0.1422	334	0.1238
201	-0.2882	253	0.2208	335	0.1238
202	-0.2582	254	0.0868	336	0.1228
203	-0.2742	255	-1.2172	337	0.1248
204	-0.2872	256	-1.1322	338	0.1228
205	0.0548	257	-1.0412	339	0.1198
206	0.0868	258	-0.8992	340	0.1228
207	0.0798	259	-0.6192	341	0.1228
208	0.0598	260	-0.3362	350	0.1238
210	0.1038	261	-0.1872	351	0.1228
211	0.0048	262	-0.1522	352	0.1248
212	-0.1242	263	-0.4352	353	0.1198
213	-1.0022	264	-0.2222	354	0.1188
214	-0.8572	265	0.0528	355	0.1178
215	-0.7822	266	0.0638		
216	-0.5692	267	-0.4222		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1183
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 710.
TUNNEL STAGNATION PRESSURE(PSF) = 2008.
TUNNEL STATIC PRESSURE(PSF) = 1122.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = 0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7377
247	0.7367
347	0.7377
447	0.7377
547	0.7387
647	0.7377
747	0.7387

ORF	CP	ORF	CP	ORF	CP
166	0.2448	217	-0.4032	268	-0.3122
167	0.1458	218	-0.3502	269	-0.0012
168	0.0938	219	-0.3052	270	0.0698
169	-0.0042	220	-0.3072	271	-0.4072
170	0.1018	221	-0.5792	272	-0.4282
171	0.0838	222	-0.4892	273	-0.0922
172	-0.0952	223	-0.2442	274	-0.0552
173	-0.0582	224	-0.2202	275	0.0958
174	-0.1922	225	0.0338	276	0.2368
175	-0.3252	226	-0.1222	277	0.1018
176	-0.3072	227	-1.0472	278	-1.0712
177	-0.3132	228	-0.9562	279	-0.9412
178	-0.4152	229	-0.8582	280	-0.8432
179	-0.4382	230	-0.6762	281	-0.7082
180	-0.2202	231	-0.4382	282	-0.5862
181	-0.1182	232	-0.3512	283	-0.3882
182	0.1058	233	-0.2992	284	-0.1692
183	0.6878	234	-0.2942	285	-0.1712
184	0.8948	235	-0.4342	286	-0.4192
185	0.9058	236	-0.4272	287	-0.4682
186	1.0028	237	-0.2562	288	-0.1972
187	1.1498	238	-0.2572	289	-0.0322
188	1.2228	239	0.1248	290	0.0488
189	1.2228	240	0.0058	291	-0.2032
190	-0.2242	241	-1.1962	292	0.2248
191	-0.2722	242	-1.1082	325	0.1238
192	-0.2292	244	-0.8342	326	0.1238
193	-0.2342	245	-0.5022	327	0.1228
194	-0.2372	246	-0.3222	328	0.1238
195	-0.2812	247	-0.2452	329	0.1228
196	-0.2582	248	-0.2142	330	0.1238
197	-0.2502	249	-0.2652	331	0.1228
198	-0.2512	250	0.1278	332	0.1228
199	-0.2502	251	-0.2782	333	0.1258
200	-0.2992	252	-0.1422	334	0.1238
201	-0.2882	253	0.2208	335	0.1238
202	-0.2582	254	0.0868	336	0.1228
203	-0.2742	255	-1.2172	337	0.1248
204	-0.2872	256	-1.1322	338	0.1228
205	0.0548	257	-1.0412	339	0.1198
206	0.0868	258	-0.8992	340	0.1228
207	0.0798	259	-0.6192	341	0.1228
208	0.0598	260	-0.3362	350	0.1238
210	0.1038	261	-0.1872	351	0.1228
211	0.0048	262	-0.1522	352	0.1248
212	-0.1242	263	-0.4352	353	0.1198
213	-1.0022	264	-0.2222	354	0.1188
214	-0.8572	265	0.0528	355	0.1178
215	-0.7822	266	0.0638		
216	-0.5692	267	-0.4222		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1183
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 710.
TUNNEL STAGNATION PRESSURE(PSF) = 2008.
TUNNEL STATIC PRESSURE(PSF) = 1122.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = 0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7377
247	0.7367
347	0.7377
447	0.7377
547	0.7387
647	0.7377
747	0.7387

ORF	CP	ORF	CP	ORF	CP
166	0.2448	217	-0.4032	268	-0.3122
167	0.1458	218	-0.3502	269	-0.0012
168	0.0938	219	-0.3052	270	0.0698
169	-0.0042	220	-0.3072	271	-0.4072
170	0.1018	221	-0.5792	272	-0.4282
171	0.0838	222	-0.4892	273	-0.0922
172	-0.0952	223	-0.2442	274	-0.0552
173	-0.0582	224	-0.2202	275	0.0958
174	-0.1922	225	0.0338	276	0.2368
175	-0.3252	226	-0.1222	277	0.1018
176	-0.3072	227	-1.0472	278	-1.0712
177	-0.3132	228	-0.9562	279	-0.9412
178	-0.4152	229	-0.8582	280	-0.8432
179	-0.4382	230	-0.6762	281	-0.7082
180	-0.2202	231	-0.4382	282	-0.5862
181	-0.1182	232	-0.3512	283	-0.3882
182	0.1058	233	-0.2992	284	-0.1692
183	0.6878	234	-0.2942	285	-0.1712
184	0.8948	235	-0.4342	286	-0.4192
185	0.9058	236	-0.4272	287	-0.4682
186	1.0028	237	-0.2562	288	-0.1972
187	1.1498	238	-0.2572	289	-0.0322
188	1.2228	239	0.1248	290	0.0488
189	1.2228	240	0.0058	291	-0.2032
190	-0.2242	241	-1.1962	292	0.2248
191	-0.2722	242	-1.1082	325	0.1238
192	-0.2292	244	-0.8342	326	0.1238
193	-0.2342	245	-0.5022	327	0.1228
194	-0.2372	246	-0.3222	328	0.1238
195	-0.2812	247	-0.2452	329	0.1228
196	-0.2582	248	-0.2142	330	0.1238
197	-0.2502	249	-0.2652	331	0.1228
198	-0.2512	250	0.1278	332	0.1228
199	-0.2502	251	-0.2782	333	0.1258
200	-0.2992	252	-0.1422	334	0.1238
201	-0.2882	253	0.2208	335	0.1238
202	-0.2582	254	0.0868	336	0.1228
203	-0.2742	255	-1.2172	337	0.1248
204	-0.2872	256	-1.1322	338	0.1228
205	0.0548	257	-1.0412	339	0.1198
206	0.0868	258	-0.8992	340	0.1228
207	0.0798	259	-0.6192	341	0.1228
208	0.0598	260	-0.3362	350	0.1238
210	0.1038	261	-0.1872	351	0.1228
211	0.0048	262	-0.1522	352	0.1248
212	-0.1242	263	-0.4352	353	0.1198
213	-1.0022	264	-0.2222	354	0.1188
214	-0.8572	265	0.0528	355	0.1178
215	-0.7822	266	0.0638		
216	-0.5692	267	-0.4222		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1183
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 710.
TUNNEL STAGNATION PRESSURE(PSF) = 2008.
TUNNEL STATIC PRESSURE(PSF) = 1122.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = 0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7377
247	0.7367
347	0.7377
447	0.7377
547	0.7387
647	0.7377
747	0.7387

ORF	CP	ORF	CP	ORF	CP
166	0.2448	217	-0.4032	268	-0.3122
167	0.1458	218	-0.3502	269	-0.0012
168	0.0938	219	-0.3052	270	0.0698
169	-0.0042	220	-0.3072	271	-0.4072
170	0.1018	221	-0.5792	272	-0.4282
171	0.0838	222	-0.4892	273	-0.0922
172	-0.0952	223	-0.2442	274	-0.0552
173	-0.0582	224	-0.2202	275	0.0958
174	-0.1922	225	0.0338	276	0.2368
175	-0.3252	226	-0.1222	277	0.1018
176	-0.3072	227	-1.0472	278	-1.0712
177	-0.3132	228	-0.9562	279	-0.9412
178	-0.4152	229	-0.8582	280	-0.8432
179	-0.4382	230	-0.6762	281	-0.7082
180	-0.2202	231	-0.4382	282	-0.5862
181	-0.1182	232	-0.3512	283	-0.3882
182	0.1058	233	-0.2992	284	-0.1692
183	0.6878	234	-0.2942	285	-0.1712
184	0.8948	235	-0.4342	286	-0.4192
185	0.9058	236	-0.4272	287	-0.4682
186	1.0028	237	-0.2562	288	-0.1972
187	1.1498	238	-0.2572	289	-0.0322
188	1.2228	239	0.1248	290	0.0488
189	1.2228	240	0.0058	291	-0.2032
190	-0.2242	241	-1.1962	292	0.2248
191	-0.2722	242	-1.1082	325	0.1238
192	-0.2292	244	-0.8342	326	0.1238
193	-0.2342	245	-0.5022	327	0.1228
194	-0.2372	246	-0.3222	328	0.1238
195	-0.2812	247	-0.2452	329	0.1228
196	-0.2582	248	-0.2142	330	0.1238
197	-0.2502	249	-0.2652	331	0.1228
198	-0.2512	250	0.1278	332	0.1228
199	-0.2502	251	-0.2782	333	0.1258
200	-0.2992	252	-0.1422	334	0.1238
201	-0.2882	253	0.2208	335	0.1238
202	-0.2582	254	0.0868	336	0.1228
203	-0.2742	255	-1.2172	337	0.1248
204	-0.2872	256	-1.1322	338	0.1228
205	0.0548	257	-1.0412	339	0.1198
206	0.0868	258	-0.8992	340	0.1228
207	0.0798	259	-0.6192	341	0.1228
208	0.0598	260	-0.3362	350	0.1238
210	0.1038	261	-0.1872	351	0.1228
211	0.0048	262	-0.1522	352	0.1248
212	-0.1242	263	-0.4352	353	0.1198
213	-1.0022	264	-0.2222	354	0.1188
214	-0.8572	265	0.0528	355	0.1178
215	-0.7822	266	0.0638		
216	-0.5692	267	-0.4222		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1183
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 56.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 710.
TUNNEL STAGNATION PRESSURE(PSF) = 2008.
TUNNEL STATIC PRESSURE(PSF) = 1122.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = 0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.7377
247	0.7367
347	0.7377
447	0.7377
547	0.7387
647	0.7377
747	0.7387

ORF	CP	ORF	CP	ORF	CP
1	0.0977	52	-0.1243	102	-0.2863
2	-0.3513	53	-0.3773	103	-0.6743
3	-0.4143	54	-0.4663	104	-0.6593
4	-0.2623	55	0.0917	105	-0.4493
5	-0.1443	56	0.0687	110	-0.1763
6	-0.0793	57	0.0537	111	-0.1233
7	-0.0373	58	0.0327	112	-0.0413
8	-0.0123	59	0.0127	113	-0.0643
9	-0.0073	60	-0.0073	114	0.0687
10	-0.0053	61	-0.0423	115	0.0687
11	-0.0093	62	-0.0883	116	0.0687
12	-0.0283	63	-0.1633	117	0.0697
13	-0.0603	64	-0.5723	118	0.0687
14	-0.2103	65	-0.5513	119	0.0707
15	-0.2793	66	0.0847	120	-0.0353
16	-0.2183	67	0.0617	121	0.0687
17	-0.1983	68	0.0367	122	0.0697
18	-0.1073	69	0.0067	123	0.0677
19	-0.0643	70	-0.0253	124	-0.0163
20	-0.0333	71	-0.0603	125	-0.0053
21	-0.0113	72	-0.1143	126	0.0117
22	0.0037	73	-0.2113	127	0.0057
23	0.0027	74	-0.5843	128	0.0207
24	-0.0023	75	0.0727	129	-0.0763
25	-0.0123	76	0.0387	135	0.0377
26	-0.0343	77	-0.0033	136	0.0287
27	-0.0803	78	-0.0433	137	0.0417
28	-0.2263	79	-0.0953	138	0.1197
29	-0.3223	80	-0.1523	139	0.1247
30	-0.0423	81	-0.2873	140	0.1227
32	-0.0093	82	-0.5973	141	0.1267
33	0.0097	83	0.0547	142	0.1287
34	0.0127	84	-0.0023	143	0.1307
35	0.0147	85	-0.0603	145	0.0217
36	0.0117	86	-0.1053	147	0.1297
37	0.0057	87	-0.1543	151	-0.0643
38	-0.0093	88	-0.2523	152	-0.2733
39	-0.0373	89	-0.6103	153	-0.2693
40	-0.0883	90	-0.0513	154	-0.3253
41	-0.2153	91	-0.0793	155	-0.0493
42	-0.3693	92	-0.1213	156	0.0667
43	0.0597	93	-0.1633	157	-0.1013
44	0.0507	94	-0.2373	158	0.3457
45	0.0407	95	-0.6063	159	0.2197
46	0.0377	96	-0.3943	160	0.1637
47	0.0297	97	-0.5443	161	0.0497
48	0.0197	98	0.0347	162	0.3257
49	0.0007	99	-0.0053	163	0.2357
50	-0.0233	100	-0.2733	164	0.1227
51	-0.0623	101	-0.3113	165	-0.0323

ORF	CP	ORF	CP	ORF	CP
166	0.4127	217	-0.1873	268	-0.2183
167	0.2437	218	-0.0533	269	0.1107
168	0.1817	219	-0.0033	270	0.1927
169	0.0447	220	-0.0323	271	-0.2913
170	0.1587	221	-0.6403	272	-0.3283
171	0.1377	222	-0.5033	273	0.0937
172	-0.0903	223	-0.1583	274	0.1497
173	-0.0443	224	-0.1833	275	0.3567
174	-0.1413	225	0.2977	276	0.3567
175	-0.3273	226	0.1297	277	0.1907
176	-0.3303	227	-0.6433	278	-0.7963
177	-0.2973	228	-0.6333	279	-0.7293
178	-0.4623	229	-0.5903	280	-0.6293
179	-0.4803	230	-0.4583	281	-0.4513
180	-0.2533	231	-0.1833	282	-0.1943
181	0.3017	232	-0.0543	283	-0.0663
182	0.4597	233	-0.0143	284	0.0027
183	0.4167	234	-0.0323	285	-0.0383
184	0.6177	235	-0.2593	286	-0.3123
185	0.6847	236	-0.3603	287	-0.3723
186	0.7417	237	-0.3563	288	0.0387
187	0.8087	238	-0.3023	289	0.1827
188	0.8817	239	0.2527	290	0.1397
189	0.9167	240	0.1267	291	-0.5833
190	-0.2513	241	-0.5683	292	-0.0343
191	-0.2503	242	-0.5603	325	0.0737
192	-0.2453	244	-0.3263	326	0.0757
193	-0.2513	245	-0.1233	327	0.0737
194	-0.2503	246	-0.0673	328	0.0747
195	-0.2503	247	-0.0343	329	0.0747
196	-0.2673	248	-0.0323	330	0.0747
197	-0.2453	249	-0.0913	331	0.0767
198	-0.2513	250	0.0777	332	0.0747
199	-0.2503	251	-0.3253	333	0.0737
200	-0.2483	252	-0.1363	334	0.0747
201	-0.2533	253	0.2757	335	0.0757
202	-0.2503	254	0.1367	336	0.0737
203	-0.2503	255	-0.6613	337	0.0737
204	-0.2493	256	-0.6433	338	0.0757
205	0.2577	257	-0.5943	339	0.0737
206	0.2787	258	-0.4753	340	0.0737
207	0.2847	259	-0.2183	341	0.0747
208	0.2857	260	-0.0603	350	0.0707
210	0.3577	261	-0.0083	351	0.0677
211	0.3587	262	-0.0123	352	0.0687
212	0.1947	263	-0.2203	353	0.0697
213	-0.7663	264	-0.1553	354	0.0677
214	-0.6713	265	0.1237	355	0.0677
215	-0.6133	266	0.1647		
216	-0.4463	267	-0.2383		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1184
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 682.
TUNNEL STAGNATION PRESSURE(PSF) = 2041.
TUNNEL STATIC PRESSURE(PSF) = 1211.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = 0.10
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6393
247	0.6383
347	0.6393
447	0.6393
547	0.6373
647	0.6363
747	0.6363

ORF	CP	ORF	CP	ORF	CP
1	0.2693	52	0.0013	102	-0.0517
2	-0.1177	53	-0.2647	103	-0.3747
3	-0.2377	54	-0.1407	104	-0.3607
4	-0.2007	55	0.2693	105	-0.1847
5	-0.1097	56	0.2403	110	-0.1157
6	0.0073	57	0.2203	111	-0.1277
7	0.1063	58	0.1953	112	-0.1177
8	0.1633	59	0.1673	113	-0.1357
9	0.1933	60	0.1373	114	0.0133
10	0.1973	61	0.0943	115	0.0133
11	0.1873	62	0.0363	116	0.0133
12	0.1663	63	-0.0607	117	0.0133
13	0.1233	64	-0.4207	118	0.0143
14	-0.0387	65	-0.2837	119	0.0143
15	-0.0617	66	0.2523	120	-0.1897
16	0.0643	67	0.2203	121	0.0073
17	0.0063	68	0.1883	122	0.0133
18	0.0173	69	0.1513	123	0.0143
19	0.0603	70	0.1103	124	-0.1587
20	0.1053	71	0.0653	125	-0.1317
21	0.1493	72	-0.0037	126	-0.1007
22	0.1793	73	-0.1287	127	-0.1187
23	0.1903	74	-0.3097	128	-0.1887
24	0.1893	75	0.2283	129	-0.1957
25	0.1743	76	0.1843	135	-0.0897
26	0.1473	77	0.1333	136	-0.0977
27	0.0903	78	0.0853	137	-0.1087
28	-0.0707	79	0.0303	138	0.0403
29	-0.0847	80	-0.0477	139	0.0453
30	0.1513	81	-0.2227	140	0.0563
32	0.1573	82	-0.3677	141	0.1833
33	0.1713	83	0.1683	142	0.1733
34	0.1823	84	0.1333	143	0.1853
35	0.1913	85	0.0803	145	-0.1067
36	0.1923	86	0.0273	147	0.1763
37	0.1793	87	-0.0427	151	0.1773
38	0.1603	88	-0.1707	152	-0.1477
39	0.1263	89	-0.3827	153	-0.2197
40	0.0613	90	0.1153	154	-0.3337
41	-0.0817	91	0.0713	155	0.2103
42	-0.0917	92	0.0263	156	0.2083
43	0.2413	93	-0.0307	157	-0.0337
44	0.2293	94	-0.1287	158	0.5513
45	0.2173	95	-0.1837	159	0.4193
46	0.2103	96	-0.2397	160	0.3293
47	0.1973	97	-0.3787	161	0.1543
48	0.1833	98	0.1903	162	0.5573
49	0.1593	99	0.1143	163	0.4703
50	0.1253	100	-0.1747	164	0.0473
51	0.0773	101	-0.0877	165	0.0833

ORF	CP	ORF	CP	ORF	CP
166	0.6463	217	0.3173	268	0.0073
167	0.4563	218	0.3333	269	0.3273
168	0.3743	219	0.3053	270	0.4103
169	0.1783	220	0.2263	271	-0.0777
170	0.4543	221	-0.5707	272	-0.1037
171	0.2933	222	-0.4027	273	0.3023
172	-0.0097	223	-0.1077	274	0.3813
173	0.1743	224	-0.1387	275	0.6963
174	0.0343	225	0.5763	276	0.5293
175	-0.2267	226	0.3953	277	0.3483
176	-0.3637	227	-0.2917	278	-0.4417
177	-0.1057	228	-0.2867	279	-0.4327
178	-0.2767	229	-0.2537	280	-0.4277
179	-0.2577	230	-0.1087	281	-0.3617
180	-0.2947	231	0.1473	282	-0.1927
181	0.5523	232	0.2413	283	0.0343
182	0.6853	233	0.2553	284	0.2033
183	0.0303	234	0.2023	285	0.1463
184	0.2163	235	-0.0777	286	-0.0867
185	0.4123	236	-0.2547	287	-0.1447
186	0.7823	237	-0.3457	288	0.2513
187	0.9363	238	-0.2827	289	0.4063
188	0.9613	239	0.5433	290	0.3813
189	1.0173	240	0.4063	291	-0.8737
190	-0.2627	241	-0.4627	292	-0.2527
191	-0.2497	242	-0.4487	325	0.0263
192	-0.2657	244	-0.2347	326	0.0283
193	-0.2617	245	0.0303	327	0.0283
194	-0.2657	246	0.1463	328	0.0283
195	-0.2467	247	0.2083	329	0.0273
196	-0.3097	248	0.2033	330	0.0273
197	-0.2697	249	0.1353	331	0.0283
198	-0.2767	250	0.0223	332	0.0283
199	-0.2797	251	-0.2817	333	0.0293
200	-0.2627	252	0.0533	334	0.0273
201	-0.2647	253	0.5243	335	0.0263
202	-0.2677	254	0.3493	336	0.0273
203	-0.2677	255	-0.3547	337	0.0263
204	-0.2647	256	-0.3637	338	0.0273
205	0.3633	257	-0.3727	339	0.0283
206	0.4633	258	-0.3657	340	0.0283
207	0.4343	259	-0.2097	341	0.0263
208	0.4753	260	0.0353	350	0.0123
210	0.4683	261	0.2093	351	0.0143
211	0.5883	262	0.1943	352	0.0133
212	0.4563	263	-0.0007	353	0.0143
213	-0.3527	264	0.0783	354	0.0143
214	-0.0607	265	0.3353	355	0.0133
215	0.0703	266	0.3823		
216	0.2503	267	-0.0227		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1185
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 687.
TUNNEL STAGNATION PRESSURE(PSF) = 2043.
TUNNEL STATIC PRESSURE(PSF) = 1205.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.03
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.6440
247	0.6430
347	0.6430
447	0.6440
547	0.6660
647	0.6650
747	0.6660

ORF	CP	ORF	CP	ORF	CP
1	0.1820	52	-0.0870	102	-0.1640
2	-0.3150	53	-0.3820	103	-0.4720
3	-0.4050	54	-0.2370	104	-0.4640
4	-0.3450	55	0.1660	105	-0.2720
5	-0.2570	56	0.1410	110	-0.0690
6	-0.1390	57	0.1250	111	-0.0880
7	-0.0350	58	0.1020	112	-0.0610
8	0.0210	59	0.0760	113	-0.0870
9	0.0580	60	0.0490	114	0.0540
10	0.0760	61	0.0080	115	0.0540
11	0.0760	62	-0.0480	116	0.0560
12	0.0580	63	-0.1390	117	0.0560
13	0.0220	64	-0.5800	118	0.0580
14	-0.1270	65	-0.3700	119	0.0550
15	-0.1770	66	0.1560	120	-0.0680
16	-0.1130	67	0.1270	121	0.0520
17	-0.1700	68	0.0990	122	0.0570
18	-0.1350	69	0.0660	123	0.0530
19	-0.0810	70	0.0260	124	-0.0740
20	-0.0310	71	-0.0160	125	-0.0440
21	0.0190	72	-0.0790	126	-0.0190
22	0.0580	73	-0.1930	127	-0.0300
23	0.0750	74	-0.5360	128	-0.1120
24	0.0810	75	0.1440	129	-0.0850
25	0.0740	76	0.0960	135	0.0060
26	0.0480	77	0.0490	136	-0.0100
27	-0.0070	78	0.0090	137	-0.0020
28	-0.1720	79	-0.0460	138	0.1080
29	-0.2130	80	-0.1170	139	0.1070
30	-0.0010	81	-0.2780	140	0.1120
32	0.0160	82	-0.6020	141	0.1530
33	0.0480	83	0.0970	142	0.1580
34	0.0720	84	0.0500	143	0.1540
35	0.0810	85	-0.0070	145	-0.0200
36	0.0890	86	-0.0590	147	0.1540
37	0.0840	87	-0.1190	151	0.0860
38	0.0650	88	-0.2350	152	-0.1930
39	0.0340	89	-0.6140	153	-0.2290
40	-0.0210	90	0.0210	154	-0.2940
41	-0.1720	91	-0.0210	155	0.1170
42	-0.2060	92	-0.0630	156	0.1620
43	0.1210	93	-0.1180	157	-0.0460
44	0.1100	94	-0.2080	158	0.4320
45	0.1090	95	-0.5800	159	0.3430
46	0.1060	96	-0.4080	160	0.2680
47	0.0940	97	-0.5580	161	0.1190
48	0.0870	98	0.1000	162	0.4200
49	0.0680	99	0.0320	163	0.3700
50	0.0390	100	-0.2540	164	0.1090
51	-0.0110	101	-0.2140	165	0.0400

ORF	CP	ORF	CP	ORF	CP
166	0.5120	217	0.1250	268	-0.0700
167	0.3790	218	0.1620	269	0.2520
168	0.3050	219	0.1710	270	0.3310
169	0.1300	220	0.1170	271	-0.1510
170	0.3100	221	-0.5630	272	-0.1770
171	0.2370	222	-0.4690	273	0.2240
172	-0.0350	223	-0.1070	274	0.2970
173	0.0880	224	-0.1290	275	0.6300
174	-0.0220	225	0.4780	276	0.4880
175	-0.2190	226	0.3010	277	0.3000
176	-0.3320	227	-0.4930	278	-0.6070
177	-0.1600	228	-0.4830	279	-0.5880
178	-0.3170	229	-0.4420	280	-0.5670
179	-0.2950	230	-0.2780	281	-0.4750
180	-0.2550	231	-0.0010	282	-0.2990
181	0.4840	232	0.1020	283	-0.0870
182	0.6460	233	0.1390	284	0.1160
183	0.1990	234	0.1120	285	0.0860
184	0.3740	235	-0.1470	286	-0.1520
185	0.5410	236	-0.2820	287	-0.2150
186	0.6970	237	-0.3140	288	0.1710
187	0.8320	238	-0.2540	289	0.3190
188	0.9630	239	0.4940	290	0.2920
189	1.0410	240	0.3510	291	-0.7410
190	-0.2480	241	-0.6180	292	-0.1830
191	-0.2390	242	-0.5890	325	0.0330
192	-0.2450	244	-0.3630	326	0.0360
193	-0.2410	245	-0.1070	327	0.0360
194	-0.2470	246	0.0270	328	0.0350
195	-0.2320	247	0.1060	329	0.0360
196	-0.2850	248	0.1140	330	0.0380
197	-0.2450	249	0.0570	331	0.0370
198	-0.2490	250	0.0630	332	0.0370
199	-0.2560	251	-0.2480	333	0.0370
200	-0.2280	252	0.0010	334	0.0370
201	-0.2330	253	0.4650	335	0.0390
202	-0.2340	254	0.2850	336	0.0320
203	-0.2320	255	-0.5280	337	0.0340
204	-0.2320	256	-0.5280	338	0.0350
205	0.3680	257	-0.5250	339	0.0360
206	0.4480	258	-0.5000	340	0.0340
207	0.4350	259	-0.3050	341	0.0370
208	0.4630	260	-0.0740	350	0.0570
210	0.4860	261	0.1120	351	0.0560
211	0.4760	262	0.1170	352	0.0560
212	0.3250	263	-0.0770	353	0.0530
213	-0.5970	264	0.0070	354	0.0550
214	-0.3940	265	0.2610	355	0.0560
215	-0.2480	266	0.3010		
216	-0.0140	267	-0.1060		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1186
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 687.
TUNNEL STAGNATION PRESSURE(PSF) = 2046.
TUNNEL STATIC PRESSURE(PSF) = 1208.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6386
247	0.6376
347	0.6386
447	0.6386
547	0.6386
647	0.6396
747	0.6386

ORF	CP	ORF	CP	ORF	CP
1	0.1226	52	-0.1244	102	-0.2024
2	-0.3644	53	-0.4164	103	-0.4984
3	-0.4534	54	-0.2954	104	-0.4994
4	-0.3384	55	0.1206	105	-0.2904
5	-0.2154	56	0.0966	110	-0.0764
6	-0.1054	57	0.0786	111	-0.1034
7	-0.0424	58	0.0556	112	-0.0734
8	-0.0014	59	0.0336	113	-0.1034
9	0.0206	60	0.0036	114	0.0386
10	0.0236	61	-0.0354	115	0.0386
11	0.0156	62	-0.0864	116	0.0376
12	0.0026	63	-0.1784	117	0.0396
13	-0.0334	64	-0.6274	118	0.0386
14	-0.1814	65	-0.4204	119	0.0366
15	-0.2174	66	0.1116	120	-0.0664
16	-0.1904	67	0.0806	121	0.0406
17	-0.2084	68	0.0506	122	0.0366
18	-0.1394	69	0.0166	123	0.0376
19	-0.0824	70	-0.0194	124	-0.0694
20	-0.0324	71	-0.0614	125	-0.0444
21	0.0046	72	-0.1224	126	-0.0224
22	0.0256	73	-0.2354	127	-0.0374
23	0.0356	74	-0.6134	128	-0.0204
24	0.0316	75	0.0876	129	-0.0924
25	0.0196	76	0.0466	135	0.0036
26	-0.0004	77	0.0016	136	-0.0094
27	-0.0564	78	-0.0414	137	-0.0034
28	-0.2154	79	-0.0954	138	0.0946
29	-0.2464	80	-0.1654	139	0.0946
30	-0.0374	81	-0.3194	140	0.0936
32	0.0006	82	-0.6424	141	0.1096
33	0.0196	83	0.0526	142	0.1076
34	0.0316	84	-0.0034	143	0.1096
35	0.0366	85	-0.0564	145	-0.0124
36	0.0386	86	-0.1064	147	0.1066
37	0.0316	87	-0.1654	151	0.0226
38	0.0136	88	-0.2784	152	-0.2094
39	-0.0184	89	-0.6514	153	-0.2054
40	-0.0744	90	-0.0264	154	-0.2694
41	-0.2204	91	-0.0724	155	0.0066
42	-0.2764	92	-0.1184	156	0.1496
43	0.0796	93	-0.1694	157	-0.0424
44	0.0696	94	-0.2554	158	0.3756
45	0.0626	95	-0.6274	159	0.3166
46	0.0576	96	-0.4554	160	0.2466
47	0.0476	97	-0.5914	161	0.1026
48	0.0386	98	0.0566	162	0.3576
49	0.0186	99	-0.0074	163	0.3376
50	-0.0114	100	-0.2944	164	0.0906
51	-0.0534	101	-0.2384	165	0.0436

ORF	CP	ORF	CP	ORF	CP
166	0.4486	217	0.0026	268	-0.1584
167	0.3576	218	0.0336	269	0.1556
168	0.2906	219	0.0376	270	0.2356
169	0.1256	220	-0.0134	271	-0.2194
170	0.1946	221	-0.6024	272	-0.2614
171	0.2266	222	-0.4704	273	0.1056
172	-0.0284	223	-0.1444	274	0.1616
173	0.0316	224	-0.1644	275	0.4746
174	-0.0654	225	0.2836	276	0.4056
175	-0.2494	226	0.1256	277	0.2236
176	-0.2924	227	-0.5224	278	-0.7564
177	-0.2014	228	-0.4974	279	-0.7104
178	-0.3674	229	-0.4444	280	-0.6594
179	-0.3834	230	-0.2534	281	-0.5424
180	-0.2394	231	-0.0564	282	-0.2874
181	0.1936	232	-0.0004	283	-0.0944
182	0.3276	233	0.0146	284	0.0346
183	0.2026	234	-0.0144	285	-0.0054
184	0.3426	235	-0.2284	286	-0.2184
185	0.4546	236	-0.3434	287	-0.2854
186	0.5546	237	-0.3134	288	0.0336
187	0.6726	238	-0.2574	289	0.2096
188	0.7786	239	0.3256	290	0.2016
189	0.8586	240	0.1976	291	-0.7014
190	-0.2154	241	-0.6304	292	-0.1474
191	-0.2084	242	-0.6084	325	0.0436
192	-0.2154	244	-0.3594	326	0.0446
193	-0.2154	245	-0.1224	327	0.0446
194	-0.2164	246	-0.0414	328	0.0436
195	-0.2074	247	0.0036	329	0.0446
196	-0.2414	248	0.0036	330	0.0446
197	-0.2194	249	-0.0434	331	0.0456
198	-0.2254	250	0.0466	332	0.0446
199	-0.2214	251	-0.2594	333	0.0456
200	-0.2144	252	-0.0794	334	0.0446
201	-0.2154	253	0.3256	335	0.0446
202	-0.2164	254	0.1666	336	0.0426
203	-0.2164	255	-0.6664	337	0.0436
204	-0.2104	256	-0.6554	338	0.0446
205	0.2926	257	-0.6384	339	0.0436
206	0.3376	258	-0.5494	340	0.0436
207	0.3326	259	-0.2614	341	0.0446
208	0.3436	260	-0.0634	350	0.0386
210	0.3796	261	0.0266	351	0.0376
211	0.3006	262	0.0266	352	0.0376
212	0.1636	263	-0.1684	353	0.0406
213	-0.6154	264	-0.0924	354	0.0376
214	-0.4614	265	0.1736	355	0.0376
215	-0.3394	266	0.2076		
216	-0.1154	267	-0.1744		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1187
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 686.
TUNNEL STAGNATION PRESSURE(PSF) = 2047.
TUNNEL STATIC PRESSURE(PSF) = 1211.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 0.05
FIN ANGLE(DEG) = 0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6357
247	0.6347
347	0.6357
447	0.6357
547	0.6317
647	0.6317
747	0.6317

ORF	CP	ORF	CP	ORF	CP
1	0.0267	52	-0.1903	102	-0.2613
2	-0.3793	53	-0.4643	103	-0.5823
3	-0.4063	54	-0.3353	104	-0.5683
4	-0.2833	55	0.0477	105	-0.3733
5	-0.1723	56	0.0197	110	-0.0783
6	-0.1043	57	0.0057	111	-0.1133
7	-0.0723	58	-0.0183	112	-0.0803
8	-0.0563	59	-0.0423	113	-0.1183
9	-0.0543	60	-0.0653	114	0.0447
10	-0.0563	61	-0.0983	115	0.0437
11	-0.0653	62	-0.1453	116	0.0437
12	-0.0793	63	-0.2263	117	0.0427
13	-0.1143	64	-0.6643	118	0.0437
14	-0.2563	65	-0.4833	119	0.0437
15	-0.2743	66	0.0387	120	-0.0753
16	-0.1913	67	0.0147	121	0.0417
17	-0.1943	68	-0.0163	122	0.0447
18	-0.1453	69	-0.0483	123	0.0457
19	-0.0973	70	-0.0803	124	-0.0653
20	-0.0723	71	-0.1203	125	-0.0503
21	-0.0563	72	-0.1783	126	-0.0293
22	-0.0483	73	-0.2823	127	-0.0393
23	-0.0483	74	-0.6493	128	-0.1093
24	-0.0523	75	0.0247	129	-0.0793
25	-0.0653	76	-0.0153	135	-0.0063
26	-0.0893	77	-0.0613	136	-0.0163
27	-0.1353	78	-0.1033	137	-0.0043
28	-0.2773	79	-0.1533	138	0.0827
29	-0.2933	80	-0.2173	139	0.0817
30	-0.0703	81	-0.3673	140	0.0857
32	-0.0473	82	-0.6803	141	0.0947
33	-0.0383	83	0.0037	142	0.0967
34	-0.0363	84	-0.0603	143	0.0967
35	-0.0383	85	-0.1133	145	-0.0163
36	-0.0393	86	-0.1613	147	0.0937
37	-0.0503	87	-0.2183	151	-0.0683
38	-0.0673	88	-0.3283	152	-0.2413
39	-0.0943	89	-0.6883	153	-0.2383
40	-0.1523	90	-0.0973	154	-0.2883
41	-0.2853	91	-0.1353	155	-0.0383
42	-0.3143	92	-0.1783	156	0.0827
43	0.0157	93	-0.2273	157	-0.0863
44	0.0077	94	-0.3113	158	0.2997
45	-0.0033	95	-0.6673	159	0.2247
46	-0.0103	96	-0.4123	160	0.1667
47	-0.0223	97	-0.6003	161	0.0427
48	-0.0343	98	-0.0133	162	0.2747
49	-0.0533	99	-0.0623	163	0.2397
50	-0.0793	100	-0.3543	164	0.0827
51	-0.1233	101	-0.2903	165	-0.0243

ORF	CP	ORF	CP	ORF	CP
166	0.3597	217	-0.1953	268	-0.2233
167	0.2487	218	-0.0893	269	0.0727
168	0.1947	219	-0.0633	270	0.1507
169	0.0507	220	-0.0993	271	-0.2723
170	0.1187	221	-0.6003	272	-0.3113
171	0.1367	222	-0.5613	273	0.0007
172	-0.0813	223	-0.1563	274	0.0757
173	-0.0493	224	-0.1633	275	0.3127
174	-0.1333	225	0.2307	276	0.2937
175	-0.2953	226	0.0617	277	0.1187
176	-0.2833	227	-0.6553	278	-0.7703
177	-0.2583	228	-0.6433	279	-0.7353
178	-0.4403	229	-0.6023	280	-0.6533
179	-0.4603	230	-0.4733	281	-0.4823
180	-0.2353	231	-0.1993	282	-0.2213
181	0.2747	232	-0.0913	283	-0.0983
182	0.3977	233	-0.0713	284	-0.0513
183	0.3797	234	-0.0923	285	-0.0953
184	0.5647	235	-0.3063	286	-0.2763
185	0.6297	236	-0.3733	287	-0.3403
186	0.6867	237	-0.3073	288	-0.0573
187	0.7517	238	-0.2593	289	0.1137
188	0.7977	239	0.1977	290	0.1067
189	0.8297	240	0.0707	291	-0.6133
190	-0.2253	241	-0.5843	292	-0.0903
191	-0.2303	242	-0.5853	325	0.0527
192	-0.2253	244	-0.3523	326	0.0537
193	-0.2273	245	-0.1543	327	0.0537
194	-0.2303	246	-0.1113	328	0.0527
195	-0.2253	247	-0.0873	329	0.0537
196	-0.2473	248	-0.0853	330	0.0547
197	-0.2293	249	-0.1333	331	0.0547
198	-0.2273	250	0.0537	332	0.0547
199	-0.2303	251	-0.2853	333	0.0537
200	-0.2353	252	-0.1393	334	0.0537
201	-0.2303	253	0.2197	335	0.0567
202	-0.2253	254	0.0657	336	0.0547
203	-0.2263	255	-0.6753	337	0.0527
204	-0.2273	256	-0.6593	338	0.0537
205	0.2077	257	-0.6203	339	0.0527
206	0.2257	258	-0.5033	340	0.0527
207	0.2287	259	-0.2223	341	0.0527
208	0.2347	260	-0.0913	350	0.0447
210	0.3077	261	-0.0633	351	0.0437
211	0.2847	262	-0.0663	352	0.0427
212	0.1197	263	-0.2433	353	0.0437
213	-0.7683	264	-0.1683	354	0.0457
214	-0.6933	265	0.0897	355	0.0447
215	-0.6463	266	0.1217		
216	-0.4743	267	-0.2483		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1188
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 2044.
TUNNEL STATIC PRESSURE(PSF) = 1212.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = 0.28
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6365
247	0.6355
347	0.6355
447	0.6365
547	0.6165
647	0.6165
747	0.6175

ORF	CP	ORF	CP	ORF	CP
1	-0.0615	52	-0.2525	102	-0.2685
2	-0.3725	53	-0.4695	103	-0.5085
3	-0.3885	54	-0.3455	104	-0.5105
4	-0.2705	55	-0.0415	105	-0.3475
5	-0.2055	56	-0.0675	110	-0.0965
6	-0.1635	57	-0.0815	111	-0.1425
7	-0.1445	58	-0.1055	112	-0.0985
8	-0.1335	59	-0.1235	113	-0.1515
9	-0.1295	60	-0.1445	114	0.0485
10	-0.1365	61	-0.1765	115	0.0505
11	-0.1475	62	-0.2215	116	0.0505
12	-0.1525	63	-0.2975	117	0.0485
13	-0.1825	64	-0.5795	118	0.0495
14	-0.2995	65	-0.4655	119	0.0495
15	-0.2925	66	-0.0595	120	-0.1125
16	-0.2105	67	-0.0825	121	0.0475
17	-0.2145	68	-0.1065	122	0.0505
18	-0.1835	69	-0.1335	123	0.0485
19	-0.1575	70	-0.1615	124	-0.0805
20	-0.1385	71	-0.1955	125	-0.0755
21	-0.1275	72	-0.2545	126	-0.0625
22	-0.1225	73	-0.3615	127	-0.0665
23	-0.1285	74	-0.4945	128	-0.1055
24	-0.1355	75	-0.0735	129	-0.1215
25	-0.1475	76	-0.1055	135	-0.0295
26	-0.1635	77	-0.1425	136	-0.0415
27	-0.2065	78	-0.1805	137	-0.0275
28	-0.3185	79	-0.2295	138	0.0635
29	-0.3065	80	-0.2915	139	0.0675
30	-0.1305	81	-0.4455	140	0.0675
32	-0.1155	82	-0.4965	141	0.0795
33	-0.1105	83	-0.0695	142	0.0785
34	-0.1095	84	-0.1445	143	0.0795
35	-0.1125	85	-0.1915	145	-0.0455
36	-0.1185	86	-0.2365	147	0.0775
37	-0.1305	87	-0.2945	151	-0.1105
38	-0.1465	88	-0.4075	152	-0.2425
39	-0.1705	89	-0.4685	153	-0.2505
40	-0.2155	90	-0.1835	154	-0.2735
41	-0.3245	91	-0.2135	155	-0.0425
42	-0.3115	92	-0.2595	156	0.0295
43	-0.0605	93	-0.3055	157	-0.1095
44	-0.0685	94	-0.3815	158	0.2255
45	-0.0865	95	-0.3825	159	0.1605
46	-0.0905	96	-0.3815	160	0.1095
47	-0.1025	97	-0.5455	161	-0.0045
48	-0.1165	98	-0.1035	162	0.1505
49	-0.1355	99	-0.1535	163	0.1555
50	-0.1565	100	-0.4365	164	0.0645
51	-0.1915	101	-0.2755	165	-0.0545

ORF	CP	ORF	CP	ORF	CP
166	0.2565	217	-0.2755	268	-0.2515
167	0.1705	218	-0.2185	269	0.0045
168	0.1175	219	-0.1965	270	0.0665
169	0.0025	220	-0.2275	271	-0.2835
170	0.1225	221	-0.5715	272	-0.3195
171	0.0695	222	-0.5085	273	-0.0705
172	-0.1035	223	-0.1955	274	-0.0205
173	-0.0715	224	-0.1975	275	0.1935
174	-0.1465	225	0.1615	276	0.1545
175	-0.2805	226	0.0065	277	0.0055
176	-0.2685	227	-0.7925	278	-0.7805
177	-0.2775	228	-0.7525	279	-0.7275
178	-0.4245	229	-0.6975	280	-0.6575
179	-0.4345	230	-0.5555	281	-0.4495
180	-0.2285	231	-0.3075	282	-0.2355
181	0.0265	232	-0.2095	283	-0.1675
182	0.1525	233	-0.1885	284	-0.1445
183	0.3175	234	-0.1995	285	-0.1755
184	0.4455	235	-0.3735	286	-0.2945
185	0.5105	236	-0.3985	287	-0.3455
186	0.5835	237	-0.2995	288	-0.0995
187	0.7015	238	-0.2675	289	0.0195
188	0.8485	239	0.1265	290	0.0285
189	0.9085	240	0.0015	291	-0.4875
190	-0.2215	241	-0.6925	292	-0.0295
191	-0.2315	242	-0.6995	325	0.0725
192	-0.2225	244	-0.4555	326	0.0715
193	-0.2305	245	-0.2565	327	0.0715
194	-0.2235	246	-0.2015	328	0.0705
195	-0.2365	247	-0.1755	329	0.0695
196	-0.2325	248	-0.1675	330	0.0715
197	-0.2265	249	-0.1995	331	0.0715
198	-0.2305	250	0.0565	332	0.0715
199	-0.2195	251	-0.2915	333	0.0725
200	-0.2315	252	-0.1775	334	0.0695
201	-0.2275	253	0.1175	335	0.0715
202	-0.2235	254	-0.0375	336	0.0715
203	-0.2225	255	-0.6815	337	0.0725
204	-0.2265	256	-0.6825	338	0.0705
205	0.1085	257	-0.6425	339	0.0705
206	0.1305	258	-0.5135	340	0.0715
207	0.1325	259	-0.2575	341	0.0705
208	0.1255	260	-0.1775	350	0.0495
210	0.1805	261	-0.1545	351	0.0495
211	0.1225	262	-0.1515	352	0.0485
212	-0.0335	263	-0.2875	353	0.0465
213	-0.8545	264	-0.1985	354	0.0475
214	-0.7405	265	0.0155	355	0.0475
215	-0.6465	266	0.0505		
216	-0.4625	267	-0.2785		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1189
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 685.
TUNNEL STAGNATION PRESSURE(PSF) = 2044.
TUNNEL STATIC PRESSURE(PSF) = 1209.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 7.97
FIN ANGLE(DEG) = 0.35
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6380
247	0.6380
347	0.6380
447	0.6390
547	0.6500
647	0.6500
747	0.6500

ORF	CP	ORF	CP	ORF	CP
1	-0.1270	52	-0.2850	102	-0.2780
2	-0.3920	53	-0.4640	103	-0.5070
3	-0.3640	54	-0.3600	104	-0.4980
4	-0.2950	55	-0.0950	105	-0.3600
5	-0.2330	56	-0.1070	110	-0.0860
6	-0.2090	57	-0.1200	111	-0.1400
7	-0.1970	58	-0.1410	112	-0.0850
8	-0.1920	59	-0.1580	113	-0.1500
9	-0.1810	60	-0.1810	114	0.0990
10	-0.1910	61	-0.2070	115	0.0990
11	-0.1940	62	-0.2470	116	0.0960
12	-0.2020	63	-0.3200	117	0.0990
13	-0.2260	64	-0.5730	118	0.1020
14	-0.3190	65	-0.4710	119	0.1010
15	-0.3060	66	-0.1200	120	-0.1000
16	-0.2270	67	-0.1210	121	0.0980
17	-0.2330	68	-0.1430	122	0.1010
18	-0.2120	69	-0.1600	123	0.1010
19	-0.2010	70	-0.1900	124	-0.0780
20	-0.1890	71	-0.2280	125	-0.0720
21	-0.1790	72	-0.2770	126	-0.0540
22	-0.1730	73	-0.3690	127	-0.0640
23	-0.1820	74	-0.4600	128	-0.0150
24	-0.1850	75	-0.1010	129	-0.1090
25	-0.1930	76	-0.1420	135	-0.0210
26	-0.2100	77	-0.1730	136	-0.0340
27	-0.2450	78	-0.2040	137	-0.0160
28	-0.3430	79	-0.2520	138	0.0870
29	-0.3140	80	-0.3040	139	0.0850
30	-0.1600	81	-0.4420	140	0.0950
32	-0.1620	82	-0.4240	141	0.1100
33	-0.1580	83	-0.1080	142	0.1120
34	-0.1570	84	-0.1730	143	0.1130
35	-0.1640	85	-0.2140	145	-0.0400
36	-0.1730	86	-0.2550	147	0.1140
37	-0.1790	87	-0.3030	151	-0.1040
38	-0.1930	88	-0.4040	152	-0.2320
39	-0.2130	89	-0.3940	153	-0.2370
40	-0.2440	90	-0.2240	154	-0.2460
41	-0.3420	91	-0.2410	155	-0.0510
42	-0.3190	92	-0.2670	156	0.0140
43	-0.1150	93	-0.3080	157	-0.1000
44	-0.1200	94	-0.3600	158	0.1630
45	-0.1310	95	-0.3230	159	0.1140
46	-0.1390	96	-0.3860	160	0.0690
47	-0.1470	97	-0.5420	161	-0.0180
48	-0.1600	98	-0.1380	162	0.0800
49	-0.1780	99	-0.1840	163	0.0900
50	-0.1980	100	-0.4090	164	0.0800
51	-0.2320	101	-0.3020	165	-0.0660

ORF	CP	ORF	CP	ORF	CP
166	0.1490	217	-0.3310	268	-0.2310
167	0.1240	218	-0.2860	269	-0.0080
168	0.0730	219	-0.2600	270	0.0470
169	-0.0260	220	-0.2760	271	-0.2710
170	0.1500	221	-0.5530	272	-0.2970
171	0.0530	222	-0.4660	273	-0.0720
172	-0.1040	223	-0.1830	274	-0.0320
173	-0.0790	224	-0.1870	275	0.1160
174	-0.1590	225	0.0710	276	0.1080
175	-0.2680	226	-0.0650	277	-0.0310
176	-0.2510	227	-0.8240	278	-0.7180
177	-0.2580	228	-0.7970	279	-0.6720
178	-0.3870	229	-0.7290	280	-0.5760
179	-0.3860	230	-0.5540	281	-0.4040
180	-0.2160	231	-0.3410	282	-0.2280
181	0.0570	232	-0.2750	283	-0.1930
182	0.2660	233	-0.2530	284	-0.1740
183	0.6660	234	-0.2540	285	-0.1960
184	0.9200	235	-0.3990	286	-0.2740
185	0.9640	236	-0.3980	287	-0.3350
186	1.0390	237	-0.2730	288	-0.1140
187	1.1400	238	-0.2410	289	-0.0130
188	1.1930	239	0.1240	290	0.0170
189	1.1960	240	-0.0020	291	-0.4620
190	-0.2040	241	-0.7850	292	0.0770
191	-0.2370	242	-0.7720	325	0.1010
192	-0.2160	244	-0.5380	326	0.0970
193	-0.2150	245	-0.3090	327	0.1000
194	-0.2180	246	-0.2500	328	0.0980
195	-0.2480	247	-0.2230	329	0.1000
196	-0.2330	248	-0.1960	330	0.0970
197	-0.2200	249	-0.2050	331	0.0980
198	-0.2290	250	0.1060	332	0.1000
199	-0.2260	251	-0.2630	333	0.0990
200	-0.2480	252	-0.1460	334	0.1000
201	-0.2260	253	0.0940	335	0.0970
202	-0.2200	254	-0.0470	336	0.0990
203	-0.2240	255	-0.7350	337	0.1010
204	-0.2340	256	-0.7040	338	0.0970
205	0.0830	257	-0.6400	339	0.0990
206	0.1020	258	-0.4710	340	0.0980
207	0.0980	259	-0.2810	341	0.1000
208	0.0920	260	-0.2120	350	0.0990
210	0.1160	261	-0.1900	351	0.0980
211	0.0440	262	-0.1760	352	0.1050
212	-0.1060	263	-0.2820	353	0.1040
213	-0.8700	264	-0.1840	354	0.0990
214	-0.7320	265	0.0050	355	0.0990
215	-0.6390	266	0.0400		
216	-0.4710	267	-0.2800		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1190
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.894
TUNNEL DYNAMIC PRESSURE(PSF) = 681.
TUNNEL STAGNATION PRESSURE(PSF) = 2045.
TUNNEL STATIC PRESSURE(PSF) = 1217.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 14.16
FIN ANGLE(DEG) = 0.49
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6309
247	0.6289
347	0.6299
447	0.6299
547	0.6059
647	0.6049
747	0.6059

ORF	CP	ORF	CP	ORF	CP
1	-0.1351	52	-0.3361	102	-0.3421
2	-0.5731	53	-0.5491	103	-0.6001
3	-0.6661	54	-0.4971	104	-0.5951
4	-0.4781	55	-0.1551	105	-0.4381
5	-0.3641	56	-0.1441	110	-0.1831
6	-0.2921	57	-0.1591	111	-0.2441
7	-0.2651	58	-0.1761	112	-0.1771
8	-0.2521	59	-0.2031	113	-0.2431
9	-0.2461	60	-0.2191	114	0.0789
10	-0.2511	61	-0.2471	115	0.0789
11	-0.2511	62	-0.2891	116	0.0799
12	-0.2591	63	-0.3511	117	0.0799
13	-0.2771	64	-0.7191	118	0.0809
14	-0.3901	65	-0.6591	119	0.0819
15	-0.3811	66	-0.1801	120	-0.1941
16	-0.4331	67	-0.1791	121	0.0699
17	-0.4991	68	-0.1741	122	0.0799
18	-0.3711	69	-0.1871	123	0.0809
19	-0.2831	70	-0.2141	124	-0.1701
20	-0.2591	71	-0.2391	125	-0.1601
21	-0.2491	72	-0.2941	126	-0.1581
22	-0.2441	73	-0.3861	127	-0.1591
23	-0.2391	74	-0.6691	128	-0.1831
24	-0.2481	75	-0.1471	129	-0.1911
25	-0.2521	76	-0.1621	135	-0.1101
26	-0.2681	77	-0.1981	136	-0.1311
27	-0.2971	78	-0.2271	137	-0.1161
28	-0.4151	79	-0.2661	138	0.0289
29	-0.4021	80	-0.3231	139	0.0209
30	-0.3071	81	-0.4601	140	0.0279
32	-0.2421	82	-0.6651	141	0.0839
33	-0.2271	83	-0.1811	142	0.1039
34	-0.2231	84	-0.2011	143	0.0989
35	-0.2261	85	-0.2371	145	-0.1301
36	-0.2291	86	-0.2861	147	0.1019
37	-0.2401	87	-0.3291	151	-0.0791
38	-0.2521	88	-0.4231	152	-0.2431
39	-0.2801	89	-0.6401	153	-0.2591
40	-0.3141	90	-0.2701	154	-0.2701
41	-0.4181	91	-0.3091	155	-0.0631
42	-0.4451	92	-0.3131	156	0.0439
43	-0.1841	93	-0.3501	157	-0.0881
44	-0.1861	94	-0.4131	158	0.1979
45	-0.1771	95	-0.5981	159	0.1789
46	-0.1961	96	-0.7391	160	0.1179
47	-0.2041	97	-0.7041	161	0.0199
48	-0.2151	98	-0.1731	162	0.0579
49	-0.2291	99	-0.1811	163	0.0829
50	-0.2461	100	-0.4641	164	0.0229
51	-0.2801	101	-0.3581	165	-0.0571

ORF	CP	ORF	CP	ORF	CP
166	0.1549	217	-0.4421	268	-0.3121
167	0.1389	218	-0.4011	269	-0.0571
168	0.0919	219	-0.3651	270	0.0039
169	-0.0041	220	-0.3821	271	-0.3911
170	0.2049	221	-0.6111	272	-0.4001
171	0.0669	222	-0.5051	273	-0.1331
172	-0.0941	223	-0.2591	274	-0.1211
173	-0.0591	224	-0.2571	275	0.0169
174	-0.2031	225	-0.0381	276	0.1169
175	-0.2991	226	-0.1921	277	-0.0341
176	-0.2911	227	-0.9821	278	-1.1991
177	-0.2561	228	-0.9461	279	-1.0311
178	-0.3971	229	-0.8621	280	-0.9011
179	-0.4001	230	-0.6771	281	-0.7271
180	-0.2211	231	-0.4741	282	-0.4321
181	-0.0831	232	-0.3951	283	-0.3131
182	0.1269	233	-0.3681	284	-0.2681
183	0.6869	234	-0.3691	285	-0.2771
184	0.8869	235	-0.4911	286	-0.3921
185	0.8979	236	-0.4331	287	-0.4441
186	0.9829	237	-0.3111	288	-0.2191
187	1.1319	238	-0.2861	289	-0.1071
188	1.2049	239	0.0459	290	-0.0001
189	1.2059	240	-0.0681	291	-0.2921
190	-0.2201	241	-1.1691	292	0.1429
191	-0.2551	242	-1.0681	325	0.1119
192	-0.2221	244	-0.7851	326	0.1119
193	-0.2261	245	-0.5001	327	0.1119
194	-0.2461	246	-0.3801	328	0.1079
195	-0.2611	247	-0.3411	329	0.1119
196	-0.2451	248	-0.3061	330	0.1099
197	-0.2421	249	-0.3011	331	0.1119
198	-0.2411	250	0.0899	332	0.1119
199	-0.2341	251	-0.3061	333	0.1089
200	-0.2841	252	-0.1761	334	0.1109
201	-0.2701	253	0.1009	335	0.1109
202	-0.2411	254	-0.0471	336	0.1119
203	-0.2581	255	-1.3181	337	0.1129
204	-0.2761	256	-1.2111	338	0.1119
205	-0.0281	257	-1.0841	339	0.1129
206	0.0129	258	-0.8271	340	0.1099
207	0.0059	259	-0.4491	341	0.1109
208	-0.0071	260	-0.3211	350	0.0789
210	0.0179	261	-0.2921	351	0.0799
211	-0.0601	262	-0.2551	352	0.0809
212	-0.1941	263	-0.4131	353	0.0779
213	-1.0301	264	-0.2481	354	0.0789
214	-0.8771	265	-0.0141	355	0.0799
215	-0.7811	266	0.0119		
216	-0.5891	267	-0.4151		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1191
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 55.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 684.
TUNNEL STAGNATION PRESSURE(PSF) = 2047.
TUNNEL STATIC PRESSURE(PSF) = 1215.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = 0.35
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.6327
247	0.6307
347	0.6317
447	0.6327
547	0.6217
647	0.6217
747	0.6207

ORF	CP	ORF	CP	ORF	CP
1	0.0257	52	-0.1893	102	-0.2613
2	-0.3683	53	-0.4623	103	-0.5693
3	-0.3973	54	-0.3333	104	-0.5583
4	-0.2743	55	0.0507	105	-0.3653
5	-0.1763	56	0.0227	110	-0.0853
6	-0.1053	57	0.0047	111	-0.1183
7	-0.0703	58	-0.0153	112	-0.0873
8	-0.0563	59	-0.0423	113	-0.1263
9	-0.0513	60	-0.0633	114	0.0327
10	-0.0553	61	-0.0983	115	0.0377
11	-0.0633	62	-0.1453	116	0.0377
12	-0.0793	63	-0.2273	117	0.0377
13	-0.1123	64	-0.6553	118	0.0357
14	-0.2503	65	-0.4643	119	0.0347
15	-0.2663	66	0.0347	120	-0.0843
16	-0.2003	67	0.0097	121	0.0337
17	-0.1943	68	-0.0153	122	0.0317
18	-0.1473	69	-0.0493	123	0.0347
19	-0.0993	70	-0.0853	124	-0.0753
20	-0.0733	71	-0.1223	125	-0.0603
21	-0.0563	72	-0.1823	126	-0.0363
22	-0.0483	73	-0.2863	127	-0.0503
23	-0.0493	74	-0.6613	128	-0.0933
24	-0.0543	75	0.0177	129	-0.0943
25	-0.0653	76	-0.0203	135	-0.0133
26	-0.0923	77	-0.0633	136	-0.0233
27	-0.1353	78	-0.1073	137	-0.0123
28	-0.2793	79	-0.1583	138	0.0737
29	-0.2853	80	-0.2223	139	0.0757
30	-0.0783	81	-0.3723	140	0.0737
32	-0.0523	82	-0.6923	141	0.0847
33	-0.0473	83	0.0087	142	0.0817
34	-0.0403	84	-0.0583	143	0.0847
35	-0.0423	85	-0.1133	145	-0.0273
36	-0.0423	86	-0.1633	147	0.0837
37	-0.0553	87	-0.2213	151	-0.0603
38	-0.0733	88	-0.3323	152	-0.2333
39	-0.1033	89	-0.6853	153	-0.2303
40	-0.1583	90	-0.0933	154	-0.2803
41	-0.2943	91	-0.1333	155	-0.0263
42	-0.3253	92	-0.1773	156	0.0887
43	0.0227	93	-0.2283	157	-0.0803
44	0.0127	94	-0.3133	158	0.3037
45	0.0027	95	-0.6633	159	0.2277
46	-0.0103	96	-0.3793	160	0.1717
47	-0.0213	97	-0.6023	161	0.0507
48	-0.0363	98	-0.0133	162	0.2757
49	-0.0533	99	-0.0673	163	0.2477
50	-0.0823	100	-0.3543	164	0.0787
51	-0.1203	101	-0.2943	165	-0.0133

ORF	CP	ORF	CP	ORF	CP
166	0.3557	217	-0.2083	268	-0.2323
167	0.2497	218	-0.1003	269	0.0657
168	0.1937	219	-0.0713	270	0.1407
169	0.0547	220	-0.1113	271	-0.2863
170	0.1237	221	-0.6203	272	-0.3283
171	0.1357	222	-0.5743	273	-0.0083
172	-0.0823	223	-0.1663	274	0.0607
173	-0.0523	224	-0.1853	275	0.3137
174	-0.1323	225	0.2257	276	0.2777
175	-0.3023	226	0.0477	277	0.1067
176	-0.2923	227	-0.6663	278	-0.7813
177	-0.2503	228	-0.6483	279	-0.7453
178	-0.4253	229	-0.6233	280	-0.6643
179	-0.4483	230	-0.4923	281	-0.4923
180	-0.2443	231	-0.2003	282	-0.2343
181	0.2707	232	-0.1033	283	-0.1073
182	0.4057	233	-0.0803	284	-0.0623
183	0.3787	234	-0.1003	285	-0.1083
184	0.5787	235	-0.3183	286	-0.2943
185	0.6347	236	-0.3853	287	-0.3533
186	0.6947	237	-0.3193	288	-0.0623
187	0.7487	238	-0.2733	289	0.1037
188	0.8047	239	0.1897	290	0.0897
189	0.8417	240	0.0587	291	-0.6173
190	-0.2303	241	-0.6013	292	-0.1013
191	-0.2293	242	-0.5893	325	0.0457
192	-0.2303	244	-0.3533	326	0.0487
193	-0.2333	245	-0.1653	327	0.0487
194	-0.2343	246	-0.1243	328	0.0517
195	-0.2313	247	-0.0963	329	0.0477
196	-0.2533	248	-0.0913	330	0.0487
197	-0.2323	249	-0.1453	331	0.0487
198	-0.2363	250	0.0427	332	0.0487
199	-0.2433	251	-0.2883	333	0.0517
200	-0.2413	252	-0.1473	334	0.0487
201	-0.2383	253	0.2117	335	0.0487
202	-0.2333	254	0.0527	336	0.0487
203	-0.2363	255	-0.6823	337	0.0467
204	-0.2303	256	-0.6673	338	0.0487
205	0.1967	257	-0.6403	339	0.0487
206	0.2187	258	-0.5213	340	0.0517
207	0.2237	259	-0.2283	341	0.0477
208	0.2247	260	-0.1043	350	0.0327
210	0.2977	261	-0.0723	351	0.0357
211	0.2737	262	-0.0763	352	0.0357
212	0.1107	263	-0.2523	353	0.0357
213	-0.7833	264	-0.1813	354	0.0347
214	-0.7063	265	0.0787	355	0.0347
215	-0.6563	266	0.1117		
216	-0.4833	267	-0.2573		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1192
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 631.
TUNNEL STAGNATION PRESSURE(PSF) = 2152.
TUNNEL STATIC PRESSURE(PSF) = 1414.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = -14.20
FIN ANGLE(DEG) = 0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3681
247	0.3661
347	0.3671
447	0.3671
547	0.3711
647	0.3711
747	0.3711

ORF	CP	ORF	CP	ORF	CP
1	0.1861	52	-0.0399	102	-0.0479
2	-0.1869	53	-0.2609	103	-0.4119
3	-0.2969	54	-0.1619	104	-0.3919
4	-0.2319	55	0.2181	105	-0.2169
5	-0.0999	56	0.1921	110	-0.1259
6	0.0281	57	0.1741	111	-0.1459
7	0.1021	58	0.1381	112	-0.1189
8	0.1401	59	0.1141	113	-0.1359
9	0.1521	60	0.0841	114	0.0091
10	0.1471	61	0.0371	115	0.0081
11	0.1341	62	-0.0149	116	0.0091
12	0.1091	63	-0.1159	117	0.0091
13	0.0721	64	-0.3679	118	0.0091
14	-0.0799	65	-0.3039	119	0.0111
15	-0.0709	66	0.1971	120	-0.1799
16	0.0211	67	0.1691	121	0.0071
17	-0.0189	68	0.1341	122	0.0111
18	0.0001	69	0.0961	123	0.0081
19	0.0421	70	0.0511	124	-0.1719
20	0.0851	71	0.0061	125	-0.1369
21	0.1161	72	-0.0609	126	-0.1179
22	0.1391	73	-0.1979	127	-0.1269
23	0.1411	74	-0.2849	128	-0.1749
24	0.1371	75	0.1761	129	-0.1879
25	0.1181	76	0.1311	135	-0.0869
26	0.0951	77	0.0781	136	-0.1199
27	0.0401	78	0.0331	137	-0.0959
28	-0.1059	79	-0.0199	138	0.0451
29	-0.0839	80	-0.0999	139	0.0201
30	0.1251	81	-0.2809	140	0.0431
32	0.1211	82	-0.2489	141	0.1711
33	0.1331	83	0.1251	142	0.1711
34	0.1371	84	0.0911	143	0.1461
35	0.1411	85	0.0411	145	-0.1219
36	0.1391	86	-0.0129	147	0.1721
37	0.1221	87	-0.0739	151	0.1531
38	0.1041	88	-0.2039	152	-0.1539
39	0.0701	89	-0.2259	153	-0.1979
40	0.0121	90	0.0801	154	-0.3289
41	-0.1109	91	0.0381	155	0.2051
42	-0.0899	92	-0.0059	156	0.1971
43	0.2061	93	-0.0519	157	-0.0469
44	0.1911	94	-0.1449	158	0.5371
45	0.1761	95	-0.1779	159	0.4131
46	0.1621	96	-0.3059	160	0.3181
47	0.1491	97	-0.3169	161	0.1221
48	0.1311	98	0.1391	162	0.5551
49	0.1041	99	0.0651	163	0.4821
50	0.0731	100	-0.1899	164	0.0171
51	0.0271	101	-0.0839	165	0.0631

ORF	CP	ORF	CP	ORF	CP
166	0.6351	217	0.2811	268	0.0101
167	0.4541	218	0.2911	269	0.3131
168	0.3621	219	0.2511	270	0.3981
169	0.1481	220	0.1571	271	-0.0619
170	0.4651	221	-0.5189	272	-0.0969
171	0.2671	222	-0.3109	273	0.2501
172	-0.0429	223	-0.1129	274	0.3601
173	0.1441	224	-0.1309	275	0.6481
174	0.0051	225	0.5221	276	0.4621
175	-0.2549	226	0.3371	277	0.2621
176	-0.3339	227	-0.3759	278	-0.5339
177	-0.1329	228	-0.3489	279	-0.5339
178	-0.3249	229	-0.3109	280	-0.5239
179	-0.3239	230	-0.1159	281	-0.4389
180	-0.2809	231	0.1431	282	-0.1999
181	0.4711	232	0.2121	283	0.0471
182	0.6021	233	0.2041	284	0.1631
183	0.1161	234	0.1401	285	0.0961
184	0.2661	235	-0.1279	286	-0.0679
185	0.4721	236	-0.2389	287	-0.1289
186	0.6831	237	-0.2579	288	0.1941
187	0.7991	238	-0.2449	289	0.3781
188	0.9051	239	0.4921	290	0.3721
189	0.9861	240	0.3441	291	-0.8089
190	-0.2589	241	-0.5409	292	-0.2599
191	-0.2509	242	-0.5189	325	0.0101
192	-0.2589	244	-0.2579	326	0.0101
193	-0.2589	245	0.0231	327	0.0121
194	-0.2629	246	0.1221	328	0.0101
195	-0.2529	247	0.1641	329	0.0091
196	-0.2949	248	0.1551	330	0.0091
197	-0.2649	249	0.1001	331	0.0091
198	-0.2679	250	0.0121	332	0.0111
199	-0.2729	251	-0.2319	333	0.0101
200	-0.2649	252	0.0391	334	0.0091
201	-0.2569	253	0.4601	335	0.0091
202	-0.2579	254	0.2641	336	0.0121
203	-0.2619	255	-0.4379	337	0.0091
204	-0.2599	256	-0.4479	338	0.0081
205	0.3161	257	-0.4509	339	0.0111
206	0.4161	258	-0.4449	340	0.0101
207	0.3861	259	-0.2079	341	0.0091
208	0.4331	260	0.0561	350	0.0131
210	0.4331	261	0.1601	351	0.0121
211	0.5231	262	0.1481	352	0.0111
212	0.3921	263	-0.0179	353	0.0091
213	-0.3689	264	0.0741	354	0.0081
214	-0.0439	265	0.3221	355	0.0071
215	0.0661	266	0.3741		
216	0.2251	267	-0.0319		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1193
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 632.
TUNNEL STAGNATION PRESSURE(PSF) = 2149.
TUNNEL STATIC PRESSURE(PSF) = 1410.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = -0.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3760
247	0.3740
347	0.3760
447	0.3760
547	0.3720
647	0.3710
747	0.3720

ORF	CP	ORF	CP	ORF	CP
1	0.0860	52	-0.1210	102	-0.1140
2	-0.3470	53	-0.3510	103	-0.4530
3	-0.4280	54	-0.2320	104	-0.4340
4	-0.3420	55	0.1380	105	-0.2540
5	-0.2160	56	0.1090	110	-0.1120
6	-0.0940	57	0.0870	111	-0.1290
7	-0.0170	58	0.0630	112	-0.0960
8	0.0250	59	0.0380	113	-0.1200
9	0.0400	60	0.0060	114	0.0100
10	0.0430	61	-0.0320	115	0.0140
11	0.0360	62	-0.0920	116	0.0140
12	0.0180	63	-0.1890	117	0.0120
13	-0.0190	64	-0.4530	118	0.0120
14	-0.1580	65	-0.3750	119	0.0130
15	-0.1530	66	0.1220	120	-0.0980
16	-0.1100	67	0.0910	121	0.0110
17	-0.1400	68	0.0570	122	0.0100
18	-0.1120	69	0.0220	123	0.0120
19	-0.0580	70	-0.0150	124	-0.1200
20	-0.0180	71	-0.0600	125	-0.0880
21	0.0200	72	-0.1350	126	-0.0640
22	0.0430	73	-0.2670	127	-0.0790
23	0.0450	74	-0.3480	128	-0.1430
24	0.0450	75	0.1000	129	-0.1050
25	0.0330	76	0.0540	135	-0.0360
26	0.0100	77	0.0080	136	-0.0600
27	-0.0490	78	-0.0370	137	-0.0430
28	-0.1860	79	-0.0910	138	0.0660
29	-0.1650	80	-0.1650	139	0.0600
30	0.0070	81	-0.3400	140	0.0630
32	0.0160	82	-0.2970	141	0.1080
33	0.0330	83	0.0600	142	0.1070
34	0.0510	84	0.0110	143	0.1020
35	0.0530	85	-0.0370	145	-0.0670
36	0.0500	86	-0.0890	147	0.1080
37	0.0370	87	-0.1470	151	0.0980
38	0.0190	88	-0.2750	152	-0.1540
39	-0.0120	89	-0.2770	153	-0.1920
40	-0.0690	90	0.0020	154	-0.2900
41	-0.1960	91	-0.0370	155	0.1320
42	-0.1750	92	-0.0800	156	0.1760
43	0.1070	93	-0.1250	157	-0.0430
44	0.0910	94	-0.2120	158	0.4470
45	0.0740	95	-0.2250	159	0.3700
46	0.0710	96	-0.4420	160	0.2880
47	0.0590	97	-0.4250	161	0.1120
48	0.0440	98	0.0560	162	0.4430
49	0.0200	99	-0.0050	163	0.4120
50	-0.0060	100	-0.2640	164	0.0600
51	-0.0530	101	-0.1470	165	0.0470

ORF	CP	ORF	CP	ORF	CP
166	0.5240	217	0.0810	268	-0.0650
167	0.4180	218	0.1070	269	0.2190
168	0.3350	219	0.0980	270	0.3010
169	0.1350	220	0.0330	271	-0.1320
170	0.3280	221	-0.5360	272	-0.1690
171	0.2490	222	-0.4710	273	0.1640
172	-0.0420	223	-0.0900	274	0.2390
173	0.0990	224	-0.1150	275	0.5370
174	-0.0080	225	0.4080	276	0.3830
175	-0.2270	226	0.2120	277	0.1760
176	-0.2990	227	-0.5740	278	-0.7230
177	-0.1560	228	-0.5460	279	-0.7310
178	-0.3230	229	-0.5060	280	-0.6740
179	-0.3040	230	-0.2890	281	-0.5470
180	-0.2540	231	-0.0200	282	-0.2930
181	0.4140	232	0.0580	283	-0.0720
182	0.5740	233	0.0730	284	0.0580
183	0.1520	234	0.0260	285	0.0050
184	0.2980	235	-0.2110	286	-0.1420
185	0.4500	236	-0.2740	287	-0.1960
186	0.6130	237	-0.2570	288	0.1170
187	0.7790	238	-0.2230	289	0.2670
188	0.9510	239	0.3960	290	0.2700
189	1.0570	240	0.2390	291	-0.7560
190	-0.2260	241	-0.6760	292	-0.1950
191	-0.2220	242	-0.6640	325	0.0190
192	-0.2250	244	-0.3850	326	0.0190
193	-0.2290	245	-0.1070	327	0.0190
194	-0.2310	246	-0.0200	328	0.0190
195	-0.2210	247	0.0360	329	0.0200
196	-0.2710	248	0.0460	330	0.0200
197	-0.2300	249	0.0070	331	0.0180
198	-0.2350	250	0.0180	332	0.0180
199	-0.2360	251	-0.2330	333	0.0180
200	-0.2250	252	-0.0190	334	0.0190
201	-0.2250	253	0.3640	335	0.0200
202	-0.2300	254	0.1640	336	0.0170
203	-0.2300	255	-0.6040	337	0.0170
204	-0.2260	256	-0.6120	338	0.0190
205	0.2890	257	-0.6120	339	0.0180
206	0.3610	258	-0.5750	340	0.0170
207	0.3490	259	-0.3010	341	0.0190
208	0.3820	260	-0.0510	350	0.0100
210	0.3970	261	0.0490	351	0.0100
211	0.4010	262	0.0470	352	0.0120
212	0.2460	263	-0.1000	353	0.0120
213	-0.6410	264	-0.0120	354	0.0120
214	-0.3730	265	0.2370	355	0.0130
215	-0.2330	266	0.2750		
216	-0.0170	267	-0.1150		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1194
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.801
TUNNEL DYNAMIC PRESSURE(PSF) = 633.
TUNNEL STAGNATION PRESSURE(PSF) = 2150.
TUNNEL STATIC PRESSURE(PSF) = 1409.
REYNOLDS NUMBER PER FOOT = 4.0100E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = 0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3741
247	0.3741
347	0.3761
447	0.3761
547	0.3921
647	0.3921
747	0.3931

ORF	CP	ORF	CP	ORF	CP
1	0.0371	52	-0.1629	102	-0.1549
2	-0.3869	53	-0.3959	103	-0.4759
3	-0.4539	54	-0.2669	104	-0.4629
4	-0.3429	55	0.0901	105	-0.2849
5	-0.1989	56	0.0601	110	-0.0809
6	-0.1029	57	0.0391	111	-0.0979
7	-0.0439	58	0.0181	112	-0.0649
8	-0.0169	59	-0.0119	113	-0.0889
9	-0.0119	60	-0.0359	114	0.0521
10	-0.0129	61	-0.0759	115	0.0511
11	-0.0249	62	-0.1319	116	0.0531
12	-0.0319	63	-0.2259	117	0.0501
13	-0.0699	64	-0.4879	118	0.0521
14	-0.1999	65	-0.4069	119	0.0501
15	-0.1919	66	0.0711	120	-0.0509
16	-0.1599	67	0.0461	121	0.0541
17	-0.1759	68	0.0091	122	0.0541
18	-0.1349	69	-0.0229	123	0.0491
19	-0.0809	70	-0.0579	124	-0.0699
20	-0.0429	71	-0.0979	125	-0.0369
21	-0.0219	72	-0.1709	126	-0.0249
22	-0.0079	73	-0.3049	127	-0.0309
23	-0.0059	74	-0.3809	128	-0.0349
24	-0.0149	75	0.0541	129	-0.0549
25	-0.0189	76	0.0111	135	0.0111
26	-0.0489	77	-0.0359	136	-0.0109
27	-0.0939	78	-0.0729	137	0.0051
28	-0.2359	79	-0.1239	138	0.0961
29	-0.2019	80	-0.2069	139	0.0901
30	-0.0319	81	-0.3769	140	0.0931
32	-0.0169	82	-0.3249	141	0.1151
33	-0.0029	83	0.0271	142	0.1171
34	0.0051	84	-0.0299	143	0.1141
35	0.0011	85	-0.0799	145	-0.0099
36	0.0031	86	-0.1269	147	0.1161
37	-0.0109	87	-0.1869	151	0.0571
38	-0.0339	88	-0.3159	152	-0.1649
39	-0.0629	89	-0.3009	153	-0.1839
40	-0.1159	90	-0.0429	154	-0.2669
41	-0.2429	91	-0.0779	155	0.1021
42	-0.2159	92	-0.1229	156	0.1701
43	0.0571	93	-0.1659	157	-0.0329
44	0.0461	94	-0.2499	158	0.4011
45	0.0341	95	-0.2439	159	0.3421
46	0.0241	96	-0.4509	160	0.2731
47	0.0111	97	-0.4849	161	0.1071
48	-0.0059	98	0.0131	162	0.3711
49	-0.0219	99	-0.0489	163	0.3591
50	-0.0499	100	-0.3009	164	0.0871
51	-0.0949	101	-0.1839	165	0.0451

ORF	CP	ORF	CP	ORF	CP
166	0.4571	217	-0.0099	268	-0.0949
167	0.3841	218	0.0191	269	0.1881
168	0.3101	219	0.0141	270	0.2691
169	0.1211	220	-0.0449	271	-0.1489
170	0.2831	221	-0.5049	272	-0.1839
171	0.2351	222	-0.4579	273	0.1031
172	-0.0309	223	-0.0899	274	0.1791
173	0.0581	224	-0.0959	275	0.4681
174	-0.0339	225	0.2681	276	0.3641
175	-0.2249	226	0.0951	277	0.1501
176	-0.2689	227	-0.5769	278	-0.7859
177	-0.1669	228	-0.5489	279	-0.7709
178	-0.3449	229	-0.4949	280	-0.7109
179	-0.3469	230	-0.2689	281	-0.5669
180	-0.2249	231	-0.0669	282	-0.2529
181	0.2001	232	-0.0179	283	-0.0589
182	0.3381	233	-0.0009	284	0.0121
183	0.2301	234	-0.0419	285	-0.0259
184	0.3851	235	-0.2369	286	-0.1499
185	0.4621	236	-0.2749	287	-0.2149
186	0.5551	237	-0.2199	288	0.0591
187	0.6841	238	-0.1899	289	0.2291
188	0.7591	239	0.3191	290	0.2381
189	0.8261	240	0.1681	291	-0.6359
190	-0.2009	241	-0.6729	292	-0.1199
191	-0.1939	242	-0.6509	325	0.0371
192	-0.2039	244	-0.3679	326	0.0381
193	-0.2049	245	-0.1189	327	0.0371
194	-0.2019	246	-0.0519	328	0.0381
195	-0.1939	247	-0.0139	329	0.0381
196	-0.2249	248	-0.0079	330	0.0371
197	-0.2049	249	-0.0379	331	0.0371
198	-0.2059	250	0.0581	332	0.0371
199	-0.2069	251	-0.1969	333	0.0381
200	-0.2009	252	-0.0269	334	0.0381
201	-0.2009	253	0.3031	335	0.0361
202	-0.1979	254	0.1111	336	0.0371
203	-0.1989	255	-0.6899	337	0.0381
204	-0.2029	256	-0.6839	338	0.0381
205	0.2721	257	-0.6679	339	0.0381
206	0.3161	258	-0.5699	340	0.0381
207	0.3141	259	-0.2139	341	0.0401
208	0.3271	260	-0.0479	350	0.0521
210	0.3771	261	0.0021	351	0.0531
211	0.2841	262	0.0121	352	0.0511
212	0.1321	263	-0.1359	353	0.0531
213	-0.6769	264	-0.0349	354	0.0531
214	-0.5159	265	0.2181	355	0.0531
215	-0.3889	266	0.2401		
216	-0.1329	267	-0.1419		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1195
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 631.
TUNNEL STAGNATION PRESSURE(PSF) = 2151.
TUNNEL STATIC PRESSURE(PSF) = 1413.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 0.06
FIN ANGLE(DEG) = 0.27
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3717
247	0.3707
347	0.3707
447	0.3707
547	0.3687
647	0.3697
747	0.3687

ORF	CP	ORF	CP	ORF	CP
1	-0.0273	52	-0.2183	102	-0.2023
2	-0.3653	53	-0.4323	103	-0.5043
3	-0.3553	54	-0.3153	104	-0.5113
4	-0.2373	55	0.0297	105	-0.3203
5	-0.1553	56	0.0017	110	-0.1043
6	-0.1063	57	-0.0133	111	-0.1233
7	-0.0833	58	-0.0423	112	-0.0913
8	-0.0793	59	-0.0663	113	-0.1183
9	-0.0783	60	-0.0933	114	0.0377
10	-0.0833	61	-0.1273	115	0.0347
11	-0.0893	62	-0.1833	116	0.0347
12	-0.1023	63	-0.2713	117	0.0337
13	-0.1363	64	-0.5333	118	0.0337
14	-0.2473	65	-0.4573	119	0.0357
15	-0.2323	66	0.0167	120	-0.0833
16	-0.1603	67	-0.0103	121	0.0327
17	-0.1663	68	-0.0383	122	0.0357
18	-0.1253	69	-0.0693	123	0.0337
19	-0.0973	70	-0.1073	124	-0.0723
20	-0.0823	71	-0.1503	125	-0.0573
21	-0.0733	72	-0.2163	126	-0.0423
22	-0.0673	73	-0.3473	127	-0.0493
23	-0.0713	74	-0.4313	128	-0.1043
24	-0.0743	75	0.0057	129	-0.0793
25	-0.0923	76	-0.0383	135	-0.0093
26	-0.1163	77	-0.0823	136	-0.0253
27	-0.1613	78	-0.1223	137	-0.0073
28	-0.2733	79	-0.1753	138	0.0767
29	-0.2473	80	-0.2493	139	0.0737
30	-0.0553	81	-0.4343	140	0.0727
32	-0.0523	82	-0.3693	141	0.0807
33	-0.0523	83	-0.0093	142	0.0857
34	-0.0523	84	-0.0783	143	0.0847
35	-0.0573	85	-0.1303	145	-0.0283
36	-0.0593	86	-0.1813	147	0.0847
37	-0.0733	87	-0.2403	151	-0.0283
38	-0.0923	88	-0.3623	152	-0.1883
39	-0.1263	89	-0.3393	153	-0.2243
40	-0.1653	90	-0.1013	154	-0.2763
41	-0.2833	91	-0.1343	155	0.0807
42	-0.2603	92	-0.1773	156	0.1087
43	0.0107	93	-0.2243	157	-0.0743
44	-0.0113	94	-0.2973	158	0.3537
45	-0.0233	95	-0.2843	159	0.2547
46	-0.0343	96	-0.3403	160	0.1907
47	-0.0503	97	-0.4753	161	0.0537
48	-0.0623	98	-0.0423	162	0.2797
49	-0.0803	99	-0.0993	163	0.2647
50	-0.1083	100	-0.3563	164	0.0707
51	-0.1483	101	-0.2273	165	-0.0083

ORF	CP	ORF	CP	ORF	CP
166	0.3737	217	-0.1573	268	-0.1593
167	0.2907	218	-0.1013	269	0.1037
168	0.2117	219	-0.1013	270	0.1807
169	0.0637	220	-0.1433	271	-0.2203
170	0.2547	221	-0.5813	272	-0.2493
171	0.1557	222	-0.5133	273	0.0437
172	-0.0643	223	-0.1283	274	0.1097
173	-0.0023	224	-0.1303	275	0.2707
174	-0.0823	225	0.1967	276	0.2367
175	-0.2503	226	0.0107	277	0.0527
176	-0.2563	227	-0.6953	278	-0.7883
177	-0.2313	228	-0.6693	279	-0.7653
178	-0.4123	229	-0.6353	280	-0.6743
179	-0.3873	230	-0.4373	281	-0.4453
180	-0.2233	231	-0.1693	282	-0.1703
181	0.2937	232	-0.1073	283	-0.1073
182	0.4197	233	-0.1033	284	-0.0803
183	0.4027	234	-0.1283	285	-0.1143
184	0.5697	235	-0.3053	286	-0.2343
185	0.6307	236	-0.2883	287	-0.2853
186	0.7077	237	-0.2273	288	-0.0093
187	0.7457	238	-0.2143	289	0.1377
188	0.8177	239	0.1717	290	0.1417
189	0.8417	240	0.0427	291	-0.6383
190	-0.1953	241	-0.6263	292	-0.1013
191	-0.2033	242	-0.6083	325	0.0467
192	-0.1983	244	-0.3303	326	0.0447
193	-0.2043	245	-0.1623	327	0.0437
194	-0.2013	246	-0.1283	328	0.0437
195	-0.2023	247	-0.1063	329	0.0467
196	-0.2203	248	-0.0993	330	0.0447
197	-0.1993	249	-0.1193	331	0.0457
198	-0.2063	250	0.0397	332	0.0457
199	-0.2093	251	-0.2353	333	0.0457
200	-0.2043	252	-0.1013	334	0.0477
201	-0.1983	253	0.1867	335	0.0457
202	-0.2023	254	0.0137	336	0.0427
203	-0.2073	255	-0.7033	337	0.0457
204	-0.2003	256	-0.6813	338	0.0447
205	0.1747	257	-0.6313	339	0.0447
206	0.1977	258	-0.4463	340	0.0437
207	0.2027	259	-0.1683	341	0.0457
208	0.2027	260	-0.1053	350	0.0337
210	0.2757	261	-0.0873	351	0.0347
211	0.2427	262	-0.0793	352	0.0367
212	0.0587	263	-0.2093	353	0.0397
213	-0.8273	264	-0.1103	354	0.0337
214	-0.7173	265	0.1227	355	0.0337
215	-0.6213	266	0.1527		
216	-0.3803	267	-0.2143		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1196
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.801
TUNNEL DYNAMIC PRESSURE(PSF) = 634.
TUNNEL STAGNATION PRESSURE(PSF) = 2152.
TUNNEL STATIC PRESSURE(PSF) = 1410.
REYNOLDS NUMBER PER FOOT = 4.0170E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = 0.36
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3750
247	0.3730
347	0.3740
447	0.3750
547	0.3860
647	0.3860
747	0.3860

ORF	CP	ORF	CP	ORF	CP
1	-0.0770	52	-0.2210	102	-0.2180
2	-0.3410	53	-0.3920	103	-0.4870
3	-0.3100	54	-0.2950	104	-0.4760
4	-0.2120	55	-0.0310	105	-0.3200
5	-0.1630	56	-0.0600	110	-0.0940
6	-0.1310	57	-0.0650	111	-0.1210
7	-0.1280	58	-0.0830	112	-0.0800
8	-0.1240	59	-0.1010	113	-0.1210
9	-0.1170	60	-0.1300	114	0.0720
10	-0.1210	61	-0.1570	115	0.0720
11	-0.1310	62	-0.1980	116	0.0730
12	-0.1330	63	-0.2690	117	0.0710
13	-0.1580	64	-0.4620	118	0.0740
14	-0.2570	65	-0.4060	119	0.0740
15	-0.2300	66	-0.0410	120	-0.0750
16	-0.1480	67	-0.0710	121	0.0740
17	-0.1580	68	-0.0860	122	0.0720
18	-0.1380	69	-0.1070	123	0.0710
19	-0.1280	70	-0.1320	124	-0.0560
20	-0.1220	71	-0.1650	125	-0.0520
21	-0.1140	72	-0.2190	126	-0.0410
22	-0.1090	73	-0.3250	127	-0.0450
23	-0.1190	74	-0.3770	128	-0.0870
24	-0.1220	75	-0.0460	129	-0.0750
25	-0.1300	76	-0.0800	135	0.0000
26	-0.1470	77	-0.1110	136	-0.0190
27	-0.1840	78	-0.1450	137	0.0010
28	-0.2740	79	-0.1840	138	0.0930
29	-0.2440	80	-0.2440	139	0.0890
30	-0.0850	81	-0.3690	140	0.0870
32	-0.0860	82	-0.3370	141	0.1090
33	-0.0890	83	-0.0470	142	0.1050
34	-0.0960	84	-0.1120	143	0.1020
35	-0.1020	85	-0.1430	145	-0.0180
36	-0.1040	86	-0.1770	147	0.0990
37	-0.1140	87	-0.2250	151	-0.0560
38	-0.1270	88	-0.3150	152	-0.1810
39	-0.1530	89	-0.3180	153	-0.2210
40	-0.1860	90	-0.1240	154	-0.2510
41	-0.2730	91	-0.1550	155	0.0800
42	-0.2540	92	-0.1840	156	0.0540
43	-0.0360	93	-0.2150	157	-0.0870
44	-0.0560	94	-0.2710	158	0.2770
45	-0.0680	95	-0.2690	159	0.1930
46	-0.0730	96	-0.3050	160	0.1250
47	-0.0870	97	-0.4270	161	0.0180
48	-0.1000	98	-0.0860	162	0.2120
49	-0.1170	99	-0.1240	163	0.1870
50	-0.1410	100	-0.3190	164	0.0870
51	-0.1730	101	-0.2260	165	-0.0430

ORF	CP	ORF	CP	ORF	CP
166	0.2670	217	-0.2080	268	-0.1470
167	0.2070	218	-0.1750	269	0.0830
168	0.1430	219	-0.1650	270	0.1460
169	0.0300	220	-0.2010	271	-0.2150
170	0.2510	221	-0.5190	272	-0.2280
171	0.0940	222	-0.3920	273	0.0550
172	-0.0920	223	-0.1830	274	0.0950
173	-0.0160	224	-0.1710	275	0.1780
174	-0.0830	225	0.1570	276	0.1700
175	-0.2250	226	-0.0160	277	0.0030
176	-0.2320	227	-0.7550	278	-0.6940
177	-0.2350	228	-0.6950	279	-0.6760
178	-0.3920	229	-0.6430	280	-0.5530
179	-0.3320	230	-0.4330	281	-0.3410
180	-0.2140	231	-0.2100	282	-0.1510
181	0.0720	232	-0.1620	283	-0.1290
182	0.2170	233	-0.1530	284	-0.1100
183	0.3340	234	-0.1740	285	-0.1370
184	0.4460	235	-0.3040	286	-0.2180
185	0.5090	236	-0.2480	287	-0.2640
186	0.5500	237	-0.2020	288	0.0100
187	0.6850	238	-0.1890	289	0.0970
188	0.8130	239	0.1300	290	0.1120
189	0.8770	240	-0.0020	291	-0.4930
190	-0.1760	241	-0.6560	292	-0.0280
191	-0.2070	242	-0.6270	325	0.0670
192	-0.1810	244	-0.3380	326	0.0660
193	-0.1820	245	-0.1910	327	0.0660
194	-0.1700	246	-0.1600	328	0.0640
195	-0.1960	247	-0.1380	329	0.0660
196	-0.1920	248	-0.1220	330	0.0630
197	-0.1840	249	-0.1330	331	0.0660
198	-0.1770	250	0.0740	332	0.0650
199	-0.1780	251	-0.2040	333	0.0640
200	-0.1980	252	-0.0910	334	0.0650
201	-0.1990	253	0.1230	335	0.0640
202	-0.1900	254	-0.0240	336	0.0650
203	-0.1910	255	-0.6860	337	0.0670
204	-0.1940	256	-0.6430	338	0.0660
205	0.1130	257	-0.5860	339	0.0660
206	0.1340	258	-0.3810	340	0.0650
207	0.1350	259	-0.1810	341	0.0680
208	0.1200	260	-0.1380	350	0.0720
210	0.1650	261	-0.1200	351	0.0730
211	0.1330	262	-0.1060	352	0.0740
212	-0.0300	263	-0.2090	353	0.0720
213	-0.8050	264	-0.1150	354	0.0700
214	-0.6460	265	0.0910	355	0.0710
215	-0.5640	266	0.1340		
216	-0.3310	267	-0.2080		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1197
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 631.
TUNNEL STAGNATION PRESSURE(PSF) = 2152.
TUNNEL STATIC PRESSURE(PSF) = 1413.
REYNOLDS NUMBER PER FOOT = 4.0120E 06
MODEL ANGLE OF ATTACK(DEG) = 7.91
FIN ANGLE(DEG) = 0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3687
247	0.3677
347	0.3687
447	0.3687
547	0.3607
647	0.3607
747	0.3607

ORF	CP	ORF	CP	ORF	CP
1	-0.1483	52	-0.2613	102	-0.2363
2	-0.3693	53	-0.4123	103	-0.5013
3	-0.3333	54	-0.3273	104	-0.4923
4	-0.2583	55	-0.0813	105	-0.3543
5	-0.2193	56	-0.0973	110	-0.1313
6	-0.2023	57	-0.1133	111	-0.1653
7	-0.1833	58	-0.1333	112	-0.1243
8	-0.1793	59	-0.1523	113	-0.1723
9	-0.1833	60	-0.1673	114	0.0597
10	-0.1833	61	-0.1973	115	0.0587
11	-0.1853	62	-0.2353	116	0.0577
12	-0.1923	63	-0.3033	117	0.0577
13	-0.2113	64	-0.4753	118	0.0577
14	-0.2893	65	-0.4293	119	0.0557
15	-0.2733	66	-0.0923	120	-0.1283
16	-0.2143	67	-0.1103	121	0.0577
17	-0.2223	68	-0.1283	122	0.0597
18	-0.2013	69	-0.1503	123	0.0597
19	-0.1923	70	-0.1803	124	-0.1103
20	-0.1843	71	-0.2043	125	-0.1043
21	-0.1733	72	-0.2483	126	-0.0923
22	-0.1723	73	-0.3463	127	-0.0963
23	-0.1753	74	-0.3983	128	-0.0753
24	-0.1773	75	-0.0963	129	-0.1333
25	-0.1913	76	-0.1293	135	-0.0523
26	-0.2023	77	-0.1463	136	-0.0703
27	-0.2323	78	-0.1803	137	-0.0523
28	-0.3013	79	-0.2203	138	0.0517
29	-0.2733	80	-0.2713	139	0.0517
30	-0.1393	81	-0.3853	140	0.0597
32	-0.1553	82	-0.3633	141	0.0747
33	-0.1553	83	-0.0913	142	0.0767
34	-0.1583	84	-0.1443	143	0.0727
35	-0.1643	85	-0.1743	145	-0.0733
36	-0.1713	86	-0.2053	147	0.0717
37	-0.1753	87	-0.2453	151	-0.0793
38	-0.1853	88	-0.3373	152	-0.2113
39	-0.2083	89	-0.3363	153	-0.2323
40	-0.2363	90	-0.1623	154	-0.2573
41	-0.3093	91	-0.1853	155	0.0447
42	-0.2833	92	-0.2113	156	0.0177
43	-0.1063	93	-0.2393	157	-0.1193
44	-0.1143	94	-0.2893	158	0.1897
45	-0.1223	95	-0.2873	159	0.1487
46	-0.1293	96	-0.3463	160	0.0777
47	-0.1433	97	-0.4543	161	-0.0113
48	-0.1583	98	-0.1463	162	0.1167
49	-0.1693	99	-0.1633	163	0.1097
50	-0.1843	100	-0.3153	164	0.0497
51	-0.2203	101	-0.2523	165	-0.0653

ORF	CP	ORF	CP	ORF	CP
166	0.1937	217	-0.3173	268	-0.2003
167	0.1547	218	-0.2903	269	0.0167
168	0.0877	219	-0.2773	270	0.0687
169	-0.0153	220	-0.2953	271	-0.2473
170	0.2007	221	-0.5133	272	-0.2643
171	0.0517	222	-0.4113	273	-0.0423
172	-0.1083	223	-0.1923	274	-0.0053
173	-0.0483	224	-0.1923	275	0.0567
174	-0.1253	225	0.0297	276	0.0567
175	-0.2373	226	-0.1313	277	-0.0873
176	-0.2493	227	-0.8413	278	-0.7293
177	-0.2483	228	-0.7873	279	-0.7013
178	-0.3853	229	-0.7233	280	-0.5743
179	-0.3373	230	-0.5293	281	-0.3623
180	-0.2253	231	-0.3273	282	-0.2343
181	-0.0223	232	-0.2853	283	-0.2093
182	0.1617	233	-0.2703	284	-0.1903
183	0.6077	234	-0.2693	285	-0.2013
184	0.8107	235	-0.3833	286	-0.2593
185	0.8587	236	-0.3473	287	-0.3063
186	0.9537	237	-0.2593	288	-0.0683
187	1.0857	238	-0.2453	289	0.0137
188	1.1557	239	0.0697	290	0.0457
189	1.1617	240	-0.0543	291	-0.5263
190	-0.1913	241	-0.8063	292	0.0047
191	-0.2233	242	-0.7943	325	0.0707
192	-0.1963	244	-0.5043	326	0.0707
193	-0.2033	245	-0.3023	327	0.0697
194	-0.2113	246	-0.2543	328	0.0697
195	-0.2253	247	-0.2373	329	0.0707
196	-0.2133	248	-0.2093	330	0.0697
197	-0.2073	249	-0.2073	331	0.0727
198	-0.2173	250	0.0617	332	0.0697
199	-0.2083	251	-0.2573	333	0.0697
200	-0.2373	252	-0.1343	334	0.0707
201	-0.2323	253	0.0447	335	0.0717
202	-0.2123	254	-0.0973	336	0.0687
203	-0.2173	255	-0.7633	337	0.0707
204	-0.2253	256	-0.7123	338	0.0707
205	0.0387	257	-0.6423	339	0.0707
206	0.0537	258	-0.4533	340	0.0707
207	0.0557	259	-0.2553	341	0.0697
208	0.0427	260	-0.2183	350	0.0567
210	0.0537	261	-0.2043	351	0.0557
211	-0.0163	262	-0.1823	352	0.0577
212	-0.1663	263	-0.2573	353	0.0557
213	-0.8533	264	-0.1573	354	0.0557
214	-0.6843	265	0.0187	355	0.0547
215	-0.5993	266	0.0507		
216	-0.4153	267	-0.2543		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1198
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 627.
TUNNEL STAGNATION PRESSURE(PSF) = 2145.
TUNNEL STATIC PRESSURE(PSF) = 1412.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 14.12
FIN ANGLE(DEG) = 0.48
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3740
247	0.3730
347	0.3740
447	0.3740
547	0.3680
647	0.3670
747	0.3680

ORF	CP	ORF	CP	ORF	CP
1	-0.1900	52	-0.3050	102	-0.2620
2	-0.5000	53	-0.4800	103	-0.5500
3	-0.4780	54	-0.3730	104	-0.5320
4	-0.3730	55	-0.1370	105	-0.3950
5	-0.3120	56	-0.1490	110	-0.1590
6	-0.2780	57	-0.1540	111	-0.1980
7	-0.2600	58	-0.1810	112	-0.1530
8	-0.2550	59	-0.1890	113	-0.2060
9	-0.2440	60	-0.2070	114	0.0940
10	-0.2380	61	-0.2290	115	0.0920
11	-0.2400	62	-0.2740	116	0.0930
12	-0.2460	63	-0.3450	117	0.0960
13	-0.2570	64	-0.5550	118	0.0930
14	-0.3470	65	-0.4810	119	0.0940
15	-0.3090	66	-0.1680	120	-0.1630
16	-0.3260	67	-0.1580	121	0.0910
17	-0.3260	68	-0.1740	122	0.0910
18	-0.2920	69	-0.1750	123	0.0940
19	-0.2710	70	-0.2060	124	-0.1410
20	-0.2570	71	-0.2410	125	-0.1460
21	-0.2470	72	-0.2890	126	-0.1330
22	-0.2400	73	-0.3910	127	-0.1340
23	-0.2410	74	-0.4460	128	-0.1690
24	-0.2380	75	-0.1500	129	-0.1620
25	-0.2420	76	-0.1660	135	-0.0870
26	-0.2550	77	-0.1710	136	-0.1090
27	-0.2800	78	-0.2040	137	-0.0900
28	-0.3570	79	-0.2390	138	0.0460
29	-0.3110	80	-0.2930	139	0.0430
30	-0.2530	81	-0.4250	140	0.0460
32	-0.2260	82	-0.4110	141	0.0980
33	-0.2210	83	-0.1340	142	0.1030
34	-0.2270	84	-0.1710	143	0.0890
35	-0.2230	85	-0.2150	145	-0.1140
36	-0.2240	86	-0.2340	147	0.1040
37	-0.2360	87	-0.2760	151	-0.0650
38	-0.2380	88	-0.3730	152	-0.2160
39	-0.2630	89	-0.3810	153	-0.2580
40	-0.2840	90	-0.2260	154	-0.2840
41	-0.3560	91	-0.2360	155	0.0780
42	-0.3160	92	-0.2430	156	0.0380
43	-0.1870	93	-0.2640	157	-0.0950
44	-0.1880	94	-0.3240	158	0.2120
45	-0.1930	95	-0.3230	159	0.1890
46	-0.1980	96	-0.4690	160	0.1100
47	-0.1980	97	-0.5340	161	0.0040
48	-0.2100	98	-0.1680	162	0.1220
49	-0.2320	99	-0.1660	163	0.1210
50	-0.2380	100	-0.3700	164	0.0360
51	-0.2630	101	-0.2750	165	-0.0540

ORF	CP	ORF	CP	ORF	CP
166	0.2120	217	-0.3710	268	-0.1940
167	0.1750	218	-0.3460	269	0.0360
168	0.1100	219	-0.3340	270	0.0850
169	0.0030	220	-0.3410	271	-0.2800
170	0.2830	221	-0.5230	272	-0.2750
171	0.0610	222	-0.3950	273	-0.0130
172	-0.0780	223	-0.2140	274	0.0110
173	-0.0430	224	-0.2150	275	0.0070
174	-0.2040	225	-0.0540	276	0.0720
175	-0.2450	226	-0.2140	277	-0.0850
176	-0.2770	227	-0.8830	278	-0.9490
177	-0.2470	228	-0.8340	279	-0.8410
178	-0.3920	229	-0.7590	280	-0.7360
179	-0.3090	230	-0.5550	281	-0.5020
180	-0.2070	231	-0.3930	282	-0.3100
181	-0.0290	232	-0.3500	283	-0.2760
182	0.1890	233	-0.3350	284	-0.2440
183	0.7270	234	-0.3340	285	-0.2460
184	0.8440	235	-0.4170	286	-0.2760
185	0.8160	236	-0.3740	287	-0.3270
186	0.8880	237	-0.2680	288	-0.0620
187	1.0580	238	-0.2430	289	0.0190
188	1.1630	239	0.0320	290	0.0800
189	1.1630	240	-0.1000	291	-0.3260
190	-0.2210	241	-0.9770	292	0.1170
191	-0.2320	242	-0.9330	325	0.1000
192	-0.2050	244	-0.6540	326	0.1040
193	-0.2050	245	-0.4050	327	0.1010
194	-0.2250	246	-0.3410	328	0.1000
195	-0.2450	247	-0.3120	329	0.1010
196	-0.2350	248	-0.2750	330	0.0990
197	-0.2210	249	-0.2290	331	0.1050
198	-0.2350	250	0.0950	332	0.1000
199	-0.2410	251	-0.2610	333	0.0980
200	-0.2580	252	-0.1030	334	0.1010
201	-0.2510	253	0.0610	335	0.0990
202	-0.2280	254	-0.1060	336	0.0970
203	-0.2430	255	-0.9840	337	0.0990
204	-0.2510	256	-0.9030	338	0.1030
205	-0.0330	257	-0.8300	339	0.1000
206	0.0060	258	-0.6300	340	0.0990
207	-0.0140	259	-0.3750	341	0.1000
208	-0.0150	260	-0.2930	350	0.0940
210	-0.0010	261	-0.2560	351	0.0940
211	-0.0760	262	-0.2160	352	0.0920
212	-0.2170	263	-0.2880	353	0.0940
213	-0.9220	264	-0.1350	354	0.0900
214	-0.7420	265	0.0690	355	0.0920
215	-0.6430	266	0.0820		
216	-0.4500	267	-0.2820		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1199
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 54.
CONFIGURATION NO. = 7.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 631.
TUNNEL STAGNATION PRESSURE(PSF) = 2150.
TUNNEL STATIC PRESSURE(PSF) = 1412.
REYNOLDS NUMBER PER FOOT = 4.0140E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = 0.09
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	0.3713
247	0.3703
347	0.3713
447	0.3733
547	0.3703
647	0.3693
747	0.3703

ORF	CP	ORF	CP	ORF	CP
1	-0.0267	52	-0.2127	102	-0.2107
2	-0.3647	53	-0.4297	103	-0.5117
3	-0.3557	54	-0.3037	104	-0.5077
4	-0.2287	55	0.0243	105	-0.3207
5	-0.1447	56	-0.0007	110	-0.1047
6	-0.1077	57	-0.0137	111	-0.1277
7	-0.0857	58	-0.0407	112	-0.0887
8	-0.0767	59	-0.0627	113	-0.1227
9	-0.0767	60	-0.0917	114	0.0333
10	-0.0837	61	-0.1297	115	0.0343
11	-0.0907	62	-0.1797	116	0.0343
12	-0.0977	63	-0.2727	117	0.0353
13	-0.1297	64	-0.5327	118	0.0323
14	-0.2477	65	-0.4487	119	0.0353
15	-0.2337	66	0.0123	120	-0.0767
16	-0.1657	67	-0.0117	121	0.0323
17	-0.1567	68	-0.0397	122	0.0343
18	-0.1217	69	-0.0747	123	0.0353
19	-0.0987	70	-0.1107	124	-0.0697
20	-0.0817	71	-0.1547	125	-0.0647
21	-0.0747	72	-0.2187	126	-0.0507
22	-0.0717	73	-0.3477	127	-0.0587
23	-0.0777	74	-0.4277	128	-0.0967
24	-0.0797	75	0.0023	129	-0.0807
25	-0.0917	76	-0.0457	135	-0.0087
26	-0.1097	77	-0.0877	136	-0.0277
27	-0.1577	78	-0.1297	137	-0.0097
28	-0.2727	79	-0.1807	138	0.0713
29	-0.2457	80	-0.2507	139	0.0713
30	-0.0547	81	-0.4377	140	0.0693
32	-0.0527	82	-0.3737	141	0.0803
33	-0.0547	83	-0.0097	142	0.0813
34	-0.0567	84	-0.0757	143	0.0813
35	-0.0567	85	-0.1207	145	-0.0287
36	-0.0657	86	-0.1767	147	0.0833
37	-0.0827	87	-0.2347	151	-0.0267
38	-0.0967	88	-0.3637	152	-0.1897
39	-0.1237	89	-0.3437	153	-0.2207
40	-0.1717	90	-0.0937	154	-0.2707
41	-0.2827	91	-0.1307	155	0.0763
42	-0.2587	92	-0.1757	156	0.1063
43	0.0093	93	-0.2187	157	-0.0697
44	-0.0057	94	-0.2977	158	0.3323
45	-0.0197	95	-0.2827	159	0.2683
46	-0.0347	96	-0.3517	160	0.1893
47	-0.0457	97	-0.4867	161	0.0533
48	-0.0637	98	-0.0447	162	0.2883
49	-0.0837	99	-0.0917	163	0.2733
50	-0.1097	100	-0.3527	164	0.0693
51	-0.1497	101	-0.2337	165	-0.0097

ORF	CP	ORF	CP	ORF	CP
166	0.3663	217	-0.1597	268	-0.1667
167	0.2813	218	-0.1027	269	0.1053
168	0.2163	219	-0.1047	270	0.1763
169	0.0663	220	-0.1547	271	-0.2237
170	0.2453	221	-0.5517	272	-0.2517
171	0.1523	222	-0.5107	273	0.0383
172	-0.0687	223	-0.1277	274	0.0923
173	-0.0067	224	-0.1367	275	0.2703
174	-0.0817	225	0.1893	276	0.2263
175	-0.2477	226	0.0103	277	0.0483
176	-0.2607	227	-0.7037	278	-0.7777
177	-0.2247	228	-0.6817	279	-0.7647
178	-0.3967	229	-0.6267	280	-0.6797
179	-0.3837	230	-0.4467	281	-0.4427
180	-0.2277	231	-0.1677	282	-0.1727
181	0.2823	232	-0.1097	283	-0.1017
182	0.4073	233	-0.1057	284	-0.0827
183	0.4003	234	-0.1337	285	-0.1197
184	0.5773	235	-0.3087	286	-0.2317
185	0.6303	236	-0.3067	287	-0.2847
186	0.6953	237	-0.2297	288	-0.0027
187	0.7543	238	-0.2137	289	0.1353
188	0.8053	239	0.1763	290	0.1313
189	0.8433	240	0.0373	291	-0.6277
190	-0.2027	241	-0.6287	292	-0.1067
191	-0.2027	242	-0.6187	325	0.0403
192	-0.2027	244	-0.3337	326	0.0403
193	-0.2037	245	-0.1637	327	0.0423
194	-0.2047	246	-0.1337	328	0.0393
195	-0.2097	247	-0.1077	329	0.0403
196	-0.2147	248	-0.0997	330	0.0383
197	-0.2057	249	-0.1207	331	0.0393
198	-0.2067	250	0.0373	332	0.0423
199	-0.2117	251	-0.2397	333	0.0403
200	-0.2087	252	-0.0957	334	0.0393
201	-0.2027	253	0.1763	335	0.0383
202	-0.2107	254	0.0103	336	0.0413
203	-0.2067	255	-0.7077	337	0.0403
204	-0.2077	256	-0.6837	338	0.0403
205	0.1683	257	-0.6267	339	0.0413
206	0.1923	258	-0.4577	340	0.0393
207	0.1933	259	-0.1877	341	0.0403
208	0.1943	260	-0.1087	350	0.0313
210	0.2643	261	-0.0897	351	0.0343
211	0.2253	262	-0.0857	352	0.0343
212	0.0533	263	-0.2197	353	0.0343
213	-0.8447	264	-0.1197	354	0.0343
214	-0.7147	265	0.1223	355	0.0333
215	-0.6227	266	0.1473		
216	-0.3807	267	-0.2147		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1204
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.353
TUNNEL DYNAMIC PRESSURE(PSF) = 822.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 642.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -14.24
FIN ANGLE(DEG) = -0.38
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.2190
247	1.2190
347	1.2190
447	1.2190
547	1.2220
647	1.2230
747	1.2220

ORF	CP	ORF	CP	ORF	CP
1	0.2310	52	-0.1420	102	-0.2230
2	0.0150	53	-0.2600	103	-0.4620
3	-0.0570	54	-0.2560	104	-0.4490
4	-0.0510	55	-0.1330	105	-0.3660
5	-0.0370	56	-0.1230	110	0.0100
6	-0.0120	57	-0.1210	111	0.0170
7	0.0030	58	-0.1280	112	0.0170
8	0.0260	59	-0.1260	113	-0.0200
9	0.0420	60	-0.1310	114	0.0750
10	0.0550	61	-0.1460	115	0.0800
11	0.0650	62	-0.1720	116	0.0770
12	0.0780	63	-0.2170	117	0.0870
13	0.0860	64	-0.3250	118	0.0820
14	-0.0060	65	-0.3230	119	0.0840
15	-0.1060	66	-0.3410	120	-0.2140
16	0.0140	67	-0.2600	121	0.0590
17	-0.0530	68	-0.1980	122	0.0950
18	-0.0600	69	-0.1760	123	0.0800
19	-0.0360	70	-0.1740	124	-0.2340
20	-0.0130	71	-0.1840	125	-0.2090
21	-0.0040	72	-0.2080	126	-0.1900
22	0.0120	73	-0.2580	127	-0.2100
23	0.0190	74	-0.3500	128	-0.2150
24	0.0270	75	-0.4570	129	-0.2510
25	0.0250	76	-0.4330	135	-0.1850
26	0.0370	77	-0.3880	136	-0.1910
27	0.0300	78	-0.3000	137	-0.1910
28	-0.0530	79	-0.2570	138	-0.0660
29	-0.1680	80	-0.2540	139	-0.0570
30	-0.0210	81	-0.2900	140	-0.0560
32	-0.0270	82	-0.3500	141	0.0370
33	-0.0230	83	-0.3590	142	0.0430
34	-0.0140	84	-0.4850	143	0.0490
35	-0.0170	85	-0.4720	145	-0.1900
36	-0.0100	86	-0.4320	147	0.0410
37	-0.0100	87	-0.3590	151	0.0680
38	-0.0170	88	-0.3220	152	-0.0950
39	-0.0160	89	-0.3520	153	-0.1440
40	-0.0350	90	-0.4730	154	-0.1470
41	-0.1080	91	-0.4790	155	-0.0160
42	-0.2180	92	-0.4780	156	0.0430
43	-0.0480	93	-0.4610	157	-0.0320
44	-0.0530	94	-0.4530	158	0.2880
45	-0.0620	95	-0.4440	159	0.0710
46	-0.0700	96	-0.0870	160	0.0610
47	-0.0740	97	-0.2200	161	0.0100
48	-0.0770	98	0.0930	162	0.1260
49	-0.0800	99	0.2580	163	0.0770
50	-0.0900	100	0.0360	164	-0.0550
51	-0.1020	101	-0.2470	165	-0.0500

ORF	CP	ORF	CP	ORF	CP
166	0.1400	217	-0.3140	268	-0.2460
167	0.0700	218	-0.2750	269	0.0860
168	0.0370	219	-0.2220	270	0.1580
169	-0.0430	220	-0.1920	271	-0.2190
170	0.1110	221	-0.4110	272	-0.2220
171	-0.0110	222	-0.3290	273	0.0540
172	-0.1330	223	-0.0480	274	0.0650
173	-0.0580	224	-0.0310	275	0.0450
174	-0.1490	225	0.5580	276	0.3600
175	-0.2650	226	0.4500	277	0.2890
176	-0.3670	227	-0.5390	278	-0.4070
177	-0.1810	228	-0.5210	279	-0.3270
178	-0.1140	229	-0.5010	280	-0.2150
179	-0.1130	230	-0.4640	281	-0.0860
180	-0.3410	231	-0.3880	282	-0.0410
181	0.3150	232	-0.3000	283	-0.0190
182	0.4010	233	-0.2370	284	0.0650
183	0.1670	234	-0.2200	285	0.0860
184	0.3010	235	-0.1460	286	-0.2330
185	0.3410	236	-0.1700	287	-0.2170
186	0.3690	237	-0.2280	288	0.0230
187	0.3990	238	-0.2330	289	0.0620
188	0.4270	239	0.3710	290	0.1150
189	0.4520	240	0.3580	291	-0.4000
190	-0.3330	241	-0.5270	292	0.5160
191	-0.3680	242	-0.4540	325	0.1060
192	-0.3330	244	-0.4060	326	0.1170
193	-0.3340	245	-0.4030	327	0.1010
194	-0.3360	246	-0.3870	328	0.1040
195	-0.3500	247	-0.2410	329	0.1020
196	-0.3460	248	0.0210	330	0.1000
197	-0.3370	249	-0.0630	331	0.1210
198	-0.3380	250	-0.1370	332	0.1020
199	-0.3380	251	-0.2520	333	0.1080
200	-0.3550	252	-0.1400	334	0.1060
201	-0.3360	253	0.3300	335	0.1030
202	-0.3340	254	0.2130	336	0.0950
203	-0.3330	255	-0.5860	337	0.1040
204	-0.3350	256	-0.5470	338	0.1160
205	0.0130	257	-0.5170	339	0.0990
206	0.0480	258	-0.4580	340	0.1050
207	0.0530	259	-0.3780	341	0.1020
208	0.0390	260	-0.2170	350	0.0700
210	0.5560	261	-0.0430	351	0.0770
211	0.6030	262	0.0690	352	0.0730
212	0.5170	263	-0.1430	353	0.0820
213	-0.3940	264	-0.2170	354	0.0720
214	-0.4140	265	0.0430	355	0.0780
215	-0.3970	266	0.1320		
216	-0.3480	267	-0.1490		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1205
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.353
TUNNEL DYNAMIC PRESSURE(PSF) = 820.
TUNNEL STAGNATION PRESSURE(PSF) = 1907.
TUNNEL STATIC PRESSURE(PSF) = 640.
REYNOLDS NUMBER PER FOOT = 3.9610E 06
MODEL ANGLE OF ATTACK(DEG) = -12.07
FIN ANGLE(DEG) = -0.27
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.2245
247	1.2245
347	1.2245
447	1.2245
547	1.2095
647	1.2105
747	1.2105

ORF	CP	ORF	CP	ORF	CP
1	0.2135	52	-0.1665	102	-0.1975
2	-0.0855	53	-0.2855	103	-0.4735
3	-0.2555	54	-0.2495	104	-0.4605
4	-0.0605	55	-0.2375	105	-0.3985
5	0.0435	56	-0.1475	110	-0.0035
6	0.0615	57	-0.1255	111	0.0045
7	0.0565	58	-0.1165	112	0.0065
8	0.0405	59	-0.1065	113	-0.0305
9	0.0215	60	-0.1125	114	0.1395
10	0.0095	61	-0.1265	115	0.1415
11	0.0075	62	-0.1505	116	0.1375
12	0.0235	63	-0.1985	117	0.1435
13	0.0375	64	-0.3075	118	0.1425
14	-0.0495	65	-0.2895	119	0.1515
15	-0.1445	66	-0.4195	120	-0.1795
16	-0.0225	67	-0.3625	121	0.1225
17	-0.0655	68	-0.2635	122	0.1405
18	0.0555	69	-0.1745	123	0.1475
19	0.0635	70	-0.1305	124	-0.1795
20	0.0425	71	-0.1125	125	-0.1735
21	0.0205	72	-0.1425	126	-0.1465
22	0.0045	73	-0.1785	127	-0.1575
23	-0.0125	74	-0.2955	128	-0.1535
24	-0.0175	75	-0.4435	129	-0.2105
25	-0.0155	76	-0.4225	135	-0.1505
26	0.0015	77	-0.3935	136	-0.1525
27	0.0075	78	-0.3265	137	-0.1545
28	-0.0785	79	-0.2505	138	-0.0365
29	-0.1945	80	-0.1975	139	-0.0435
30	0.0195	81	-0.2025	140	-0.0415
32	0.0005	82	-0.3145	141	0.0385
33	-0.0235	83	-0.3235	142	0.0375
34	-0.0395	84	-0.4245	143	0.0415
35	-0.0575	85	-0.4165	145	-0.1545
36	-0.0645	86	-0.3915	147	0.0395
37	-0.0655	87	-0.3605	151	0.1315
38	-0.0515	88	-0.3205	152	-0.0375
39	-0.0355	89	-0.3305	153	-0.1295
40	-0.0545	90	-0.4365	154	-0.1845
41	-0.1375	91	-0.4375	155	0.0565
42	-0.2375	92	-0.4045	156	0.0415
43	-0.0605	93	-0.3765	157	-0.0575
44	-0.0785	94	-0.4035	158	0.2085
45	-0.0995	95	-0.4385	159	0.0805
46	-0.1115	96	-0.0615	160	0.0335
47	-0.1185	97	-0.1835	161	-0.0485
48	-0.1145	98	0.1855	162	0.1645
49	-0.1035	99	0.3745	163	0.1105
50	-0.0975	100	0.0585	164	-0.0355
51	-0.1255	101	-0.2165	165	-0.0515

ORF	CP	ORF	CP	ORF	CP
166	0.2325	217	-0.3385	268	-0.1755
167	0.1555	218	-0.3035	269	0.0645
168	0.1305	219	-0.2145	270	0.1285
169	0.0545	220	-0.1245	271	-0.2065
170	0.2045	221	-0.3985	272	-0.1735
171	0.0735	222	-0.2015	273	0.0745
172	-0.0545	223	-0.0415	274	0.1055
173	-0.0075	224	-0.0505	275	0.1225
174	-0.1075	225	0.5515	276	0.3945
175	-0.2145	226	0.4455	277	0.2765
176	-0.3355	227	-0.5435	278	-0.4905
177	-0.1145	228	-0.5285	279	-0.4555
178	-0.0775	229	-0.5065	280	-0.3945
179	-0.0525	230	-0.4705	281	-0.2425
180	-0.3295	231	-0.4045	282	-0.0015
181	0.2345	232	-0.2945	283	0.0615
182	0.3685	233	-0.1955	284	0.0215
183	0.2555	234	-0.0585	285	0.0365
184	0.3655	235	-0.0655	286	-0.2125
185	0.4015	236	-0.2045	287	-0.1955
186	0.4315	237	-0.3095	288	0.0645
187	0.4945	238	-0.3025	289	0.1225
188	0.5445	239	0.4155	290	0.1105
189	0.5985	240	0.3745	291	-0.3805
190	-0.3195	241	-0.5355	292	0.4565
191	-0.3485	242	-0.4625	325	0.1585
192	-0.3185	244	-0.3655	326	0.1545
193	-0.3205	245	-0.3395	327	0.1485
194	-0.3205	246	-0.3145	328	0.1395
195	-0.3315	247	-0.1445	329	0.1475
196	-0.3425	248	0.0905	330	0.1565
197	-0.3245	249	-0.0875	331	0.1535
198	-0.3235	250	-0.1685	332	0.1495
199	-0.3235	251	-0.2685	333	0.1435
200	-0.3365	252	-0.0825	334	0.1465
201	-0.3205	253	0.3885	335	0.1545
202	-0.3215	254	0.2555	336	0.1415
203	-0.3205	255	-0.5845	337	0.1605
204	-0.3195	256	-0.5515	338	0.1565
205	0.0685	257	-0.5195	339	0.1505
206	0.1085	258	-0.4495	340	0.1395
207	0.1035	259	-0.2785	341	0.1465
208	0.1015	260	-0.0875	350	0.1395
210	0.5745	261	-0.0215	351	0.1365
211	0.6015	262	0.0455	352	0.1295
212	0.5025	263	-0.1915	353	0.1275
213	-0.3975	264	-0.1935	354	0.1355
214	-0.4215	265	0.0275	355	0.1305
215	-0.4055	266	0.1085		
216	-0.3595	267	-0.1825		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1206
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 643.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = -8.11
FIN ANGLE(DEG) = -0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2115
247	1.2115
347	1.2125
447	1.2135
547	1.2095
647	1.2085
747	1.2095

ORF	CP	ORF	CP	ORF	CP
1	0.2075	52	-0.0905	102	-0.1435
2	-0.0865	53	-0.2015	103	-0.4785
3	-0.1615	54	-0.1685	104	-0.4685
4	-0.0145	55	-0.2715	105	-0.3945
5	0.0175	56	-0.1595	110	-0.0625
6	0.0155	57	-0.0955	111	-0.0535
7	0.0085	58	-0.0645	112	-0.0545
8	0.0015	59	-0.0505	113	-0.0875
9	-0.0015	60	-0.0365	114	0.1365
10	-0.0015	61	-0.0375	115	0.1325
11	0.0165	62	-0.0515	116	0.1285
12	0.0435	63	-0.0865	117	0.1385
13	0.0605	64	-0.2665	118	0.1235
14	-0.0345	65	-0.2485	119	0.1335
15	-0.1335	66	-0.3625	120	-0.1665
16	0.0135	67	-0.2035	121	0.1275
17	-0.0275	68	-0.1375	122	0.1465
18	-0.0145	69	-0.1045	123	0.1335
19	-0.0245	70	-0.0775	124	-0.1585
20	-0.0245	71	-0.0595	125	-0.1425
21	-0.0295	72	-0.0555	126	-0.1255
22	-0.0315	73	-0.0705	127	-0.1305
23	-0.0365	74	-0.2595	128	-0.1275
24	-0.0225	75	-0.4545	129	-0.1895
25	-0.0025	76	-0.2275	135	-0.1245
26	0.0185	77	-0.1375	136	-0.1245
27	0.0085	78	-0.0995	137	-0.1265
28	-0.0815	79	-0.0895	138	-0.0335
29	-0.1795	80	-0.0695	139	-0.0275
30	-0.0115	81	-0.1145	140	-0.0265
32	-0.0485	82	-0.2205	141	0.0215
33	-0.0535	83	-0.3635	142	0.0245
34	-0.0655	84	-0.2755	143	0.0285
35	-0.0635	85	-0.1465	145	-0.1255
36	-0.0555	86	-0.1095	147	0.0245
37	-0.0445	87	-0.0595	151	0.1585
38	-0.0285	88	-0.0445	152	-0.0385
39	-0.0215	89	-0.2055	153	-0.1305
40	-0.0425	90	-0.5235	154	-0.2095
41	-0.1205	91	-0.2935	155	0.0735
42	-0.1905	92	-0.1205	156	0.1095
43	-0.1495	93	-0.0595	157	0.0075
44	-0.0815	94	-0.0575	158	0.2285
45	-0.0735	95	-0.2285	159	0.1645
46	-0.0645	96	-0.0195	160	0.1235
47	-0.0555	97	-0.1365	161	0.0215
48	-0.0505	98	0.2775	162	0.2645
49	-0.0375	99	0.3445	163	0.2035
50	-0.0365	100	0.0385	164	-0.0255
51	-0.0515	101	-0.1815	165	0.0275

ORF	CP	ORF	CP	ORF	CP
166	0.3505	217	-0.3125	268	-0.0875
167	0.3185	218	-0.1935	269	0.1545
168	0.3055	219	-0.0045	270	0.1815
169	0.2395	220	0.1035	271	-0.1605
170	0.3075	221	-0.4385	272	-0.1065
171	0.2595	222	-0.2165	273	0.1555
172	0.1145	223	-0.0745	274	0.1765
173	0.0975	224	-0.0865	275	0.2675
174	-0.0115	225	0.4485	276	0.3925
175	-0.1055	226	0.3385	277	0.2845
176	-0.2375	227	-0.5595	278	-0.4825
177	-0.0315	228	-0.5305	279	-0.4405
178	-0.1085	229	-0.5055	280	-0.3515
179	-0.0685	230	-0.4385	281	-0.1595
180	-0.3305	231	-0.2415	282	0.0245
181	0.2725	232	-0.0765	283	0.0215
182	0.4205	233	-0.0475	284	0.0025
183	0.3435	234	0.1365	285	0.0575
184	0.4635	235	-0.0995	286	-0.1595
185	0.5235	236	-0.2065	287	-0.1305
186	0.6165	237	-0.3045	288	0.1435
187	0.7165	238	-0.2815	289	0.2055
188	0.8365	239	0.4205	290	0.1945
189	0.9305	240	0.3615	291	-0.3345
190	-0.3175	241	-0.5265	292	0.3245
191	-0.3335	242	-0.4455	325	0.1435
192	-0.3195	244	-0.1915	326	0.1485
193	-0.3195	245	-0.2155	327	0.1385
194	-0.3205	246	-0.2045	328	0.1395
195	-0.3165	247	-0.0005	329	0.1435
196	-0.3335	248	0.1145	330	0.1525
197	-0.3245	249	-0.0635	331	0.1475
198	-0.3235	250	-0.1385	332	0.1415
199	-0.3285	251	-0.0905	333	0.1395
200	-0.3195	252	0.0315	334	0.1425
201	-0.3185	253	0.4615	335	0.1525
202	-0.3175	254	0.3445	336	0.1365
203	-0.3155	255	-0.5605	337	0.1445
204	-0.3175	256	-0.5245	338	0.1495
205	0.1505	257	-0.4985	339	0.1405
206	0.1915	258	-0.4335	340	0.1395
207	0.1855	259	-0.1525	341	0.1405
208	0.1705	260	-0.0095	350	0.1355
210	0.4715	261	-0.0205	351	0.1375
211	0.5015	262	0.0915	352	0.1315
212	0.4075	263	-0.2265	353	0.1335
213	-0.4135	264	-0.1125	354	0.1385
214	-0.4165	265	0.1615	355	0.1415
215	-0.3885	266	0.1875		
216	-0.3365	267	-0.1795		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1207
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.20
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2079
247	1.2079
347	1.2069
447	1.2079
547	1.2059
647	1.2069
747	1.2069

ORF	CP	ORF	CP	ORF	CP
1	0.2319	52	-0.0351	102	-0.1131
2	-0.0611	53	-0.1531	103	-0.4611
3	-0.1201	54	-0.1491	104	-0.4501
4	-0.0241	55	-0.1851	105	-0.3741
5	-0.0171	56	-0.0861	110	-0.0791
6	-0.0221	57	-0.0741	111	-0.0731
7	-0.0271	58	-0.0781	112	-0.0731
8	-0.0191	59	-0.0601	113	-0.1031
9	-0.0111	60	-0.0451	114	0.1379
10	0.0029	61	-0.0241	115	0.1309
11	0.0209	62	-0.0191	116	0.1319
12	0.0479	63	-0.0301	117	0.1309
13	0.0669	64	-0.2181	118	0.1339
14	-0.0171	65	-0.2151	119	0.1239
15	-0.1101	66	-0.2961	120	-0.1651
16	0.0349	67	-0.0861	121	0.1199
17	-0.0331	68	-0.0801	122	0.1329
18	-0.0341	69	-0.0811	123	0.1299
19	-0.0481	70	-0.0721	124	-0.1481
20	-0.0611	71	-0.0481	125	-0.1281
21	-0.0641	72	-0.0311	126	-0.1081
22	-0.0531	73	-0.0361	127	-0.1201
23	-0.0351	74	-0.2141	128	-0.1151
24	-0.0161	75	-0.3811	129	-0.1911
25	0.0019	76	-0.1171	135	-0.1111
26	0.0289	77	-0.0801	136	-0.1131
27	0.0229	78	-0.0761	137	-0.1151
28	-0.0591	79	-0.0631	138	-0.0301
29	-0.1411	80	-0.0451	139	-0.0271
30	-0.0081	81	-0.0471	140	-0.0281
32	-0.0581	82	-0.1741	141	0.0189
33	-0.0721	83	-0.2971	142	0.0159
34	-0.0671	84	-0.1781	143	0.0119
35	-0.0591	85	-0.0741	145	-0.1131
36	-0.0411	86	-0.0661	147	0.0169
37	-0.0221	87	-0.0181	151	0.1909
38	-0.0001	88	0.0119	152	-0.0031
39	0.0089	89	-0.1661	153	-0.1021
40	-0.0081	90	-0.4491	154	-0.2031
41	-0.0811	91	-0.2111	155	0.1019
42	-0.1321	92	0.0009	156	0.1379
43	-0.0901	93	0.0069	157	0.0519
44	-0.0661	94	0.0089	158	0.2869
45	-0.0691	95	-0.1791	159	0.2249
46	-0.0581	96	0.0009	160	0.1729
47	-0.0511	97	-0.1331	161	0.0629
48	-0.0311	98	0.2209	162	0.2979
49	-0.0191	99	0.2829	163	0.2349
50	-0.0021	100	0.0299	164	-0.0271
51	-0.0081	101	-0.1321	165	0.0599

ORF	CP	ORF	CP	ORF	CP
166	0.3779	217	-0.2231	268	-0.1011
167	0.3129	218	-0.0381	269	0.1759
168	0.3089	219	0.0349	270	0.2129
169	0.2319	220	0.1049	271	-0.1261
170	0.3329	221	-0.4101	272	-0.1041
171	0.2489	222	-0.2151	273	0.1659
172	0.1049	223	-0.0551	274	0.2109
173	0.1099	224	-0.0701	275	0.3179
174	0.0229	225	0.3919	276	0.4109
175	-0.1111	226	0.2939	277	0.3009
176	-0.2201	227	-0.5661	278	-0.4571
177	-0.0021	228	-0.5261	279	-0.4051
178	-0.0401	229	-0.4861	280	-0.3091
179	-0.0271	230	-0.3691	281	-0.1231
180	-0.3241	231	-0.0741	282	-0.0081
181	0.3639	232	-0.0421	283	-0.0361
182	0.5019	233	0.0259	284	-0.0091
183	0.3579	234	0.1159	285	0.0649
184	0.4729	235	-0.0861	286	-0.1271
185	0.5289	236	-0.2031	287	-0.1221
186	0.5939	237	-0.2651	288	0.1459
187	0.6789	238	-0.2041	289	0.2239
188	0.7829	239	0.3869	290	0.2149
189	0.8839	240	0.3279	291	-0.3521
190	-0.3211	241	-0.5221	292	0.2589
191	-0.3291	242	-0.4421	325	0.1499
192	-0.3201	244	-0.1841	326	0.1449
193	-0.3201	245	-0.1771	327	0.1559
194	-0.3221	246	-0.1491	328	0.1459
195	-0.3141	247	0.0299	329	0.1439
196	-0.3301	248	0.1259	330	0.1359
197	-0.3251	249	-0.0441	331	0.1449
198	-0.3261	250	-0.1171	332	0.1559
199	-0.3281	251	-0.0701	333	0.1489
200	-0.3181	252	0.0539	334	0.1439
201	-0.3181	253	0.5009	335	0.1389
202	-0.3151	254	0.3959	336	0.1509
203	-0.3161	255	-0.5441	337	0.1469
204	-0.3151	256	-0.5041	338	0.1449
205	0.2209	257	-0.4701	339	0.1569
206	0.2529	258	-0.4121	340	0.1459
207	0.2569	259	-0.1771	341	0.1429
208	0.2359	260	-0.0241	350	0.1329
210	0.4099	261	0.0039	351	0.1309
211	0.4569	262	0.1159	352	0.1349
212	0.3639	263	-0.2021	353	0.1319
213	-0.4231	264	-0.0831	354	0.1299
214	-0.4181	265	0.1499	355	0.1289
215	-0.3821	266	0.2149		
216	-0.3181	267	-0.1451		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1208
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = -0.46
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2033
247	1.2023
347	1.2043
447	1.2043
547	1.2043
647	1.2043
747	1.2043

ORF	CP	ORF	CP	ORF	CP
1	0.2733	52	0.0653	102	-0.0567
2	-0.0407	53	-0.0647	103	-0.4337
3	-0.1707	54	-0.1107	104	-0.4187
4	-0.0717	55	-0.0117	105	-0.3277
5	-0.0687	56	-0.0427	110	-0.1007
6	-0.0757	57	-0.0637	111	-0.0927
7	-0.0747	58	-0.0767	112	-0.0897
8	-0.0477	59	-0.0547	113	-0.1197
9	-0.0107	60	-0.0137	114	0.1543
10	0.0313	61	0.0453	115	0.1513
11	0.0583	62	0.0703	116	0.1523
12	0.0853	63	0.0733	117	0.1543
13	0.1073	64	-0.1347	118	0.1463
14	0.0243	65	-0.1337	119	0.1463
15	-0.0527	66	-0.0517	120	-0.1637
16	0.0573	67	-0.0377	121	0.1383
17	-0.0537	68	-0.0627	122	0.1523
18	-0.0627	69	-0.0677	123	0.1523
19	-0.0697	70	-0.0537	124	-0.1437
20	-0.0837	71	0.0023	125	-0.1207
21	-0.0827	72	0.0623	126	-0.0997
22	-0.0577	73	0.0613	127	-0.1127
23	-0.0097	74	-0.1367	128	-0.1077
24	0.0203	75	-0.1637	129	-0.1907
25	0.0583	76	-0.0337	135	-0.1027
26	0.0753	77	-0.0547	136	-0.1057
27	0.0733	78	-0.0527	137	-0.1097
28	0.0003	79	-0.0367	138	-0.0207
29	-0.0747	80	0.0283	139	-0.0237
30	0.0053	81	0.0173	140	-0.0247
32	-0.0737	82	-0.1177	141	0.0173
33	-0.0857	83	-0.1627	142	0.0153
34	-0.0917	84	-0.0157	143	0.0103
35	-0.0627	85	-0.0367	145	-0.1047
36	-0.0257	86	-0.0307	147	0.0143
37	0.0183	87	0.0173	151	0.1973
38	0.0493	88	0.0853	152	0.0283
39	0.0643	89	-0.0967	153	-0.0727
40	0.0543	90	-0.3217	154	-0.1937
41	-0.0117	91	0.0393	155	0.1193
42	-0.0917	92	0.0253	156	0.2463
43	-0.0217	93	0.0173	157	0.1353
44	-0.0537	94	0.0613	158	0.3703
45	-0.0767	95	-0.1167	159	0.2973
46	-0.0797	96	0.0043	160	0.2383
47	-0.0877	97	-0.1387	161	0.1443
48	-0.0447	98	0.1893	162	0.3553
49	0.0183	99	0.2553	163	0.2893
50	0.0633	100	0.0323	164	-0.0207
51	0.0763	101	-0.0787	165	0.1053

ORF	CP	ORF	CP	ORF	CP
166	0.4123	217	-0.1087	268	-0.0577
167	0.3273	218	0.0283	269	0.2143
168	0.3123	219	0.0703	270	0.2613
169	0.2293	220	0.1143	271	-0.0727
170	0.3333	221	-0.3837	272	-0.0827
171	0.2443	222	-0.1937	273	0.1793
172	0.0993	223	-0.0137	274	0.2263
173	0.1163	224	-0.0377	275	0.3413
174	0.0403	225	0.3733	276	0.4413
175	-0.1147	226	0.2743	277	0.3353
176	-0.2217	227	-0.5547	278	-0.4507
177	0.0353	228	-0.5037	279	-0.4127
178	-0.0107	229	-0.4447	280	-0.3127
179	-0.0167	230	-0.2437	281	-0.1607
180	-0.3207	231	-0.0347	282	-0.0587
181	0.4193	232	0.0033	283	-0.0827
182	0.5603	233	0.0623	284	0.0033
183	0.3913	234	0.1163	285	0.0993
184	0.5263	235	-0.0557	286	-0.0827
185	0.5463	236	-0.1737	287	-0.0977
186	0.5933	237	-0.1897	288	0.1563
187	0.6513	238	-0.1387	289	0.2463
188	0.7423	239	0.3613	290	0.2463
189	0.8103	240	0.2993	291	-0.3707
190	-0.3187	241	-0.5167	292	0.1933
191	-0.3307	242	-0.4397	325	0.1443
192	-0.3207	244	-0.1507	326	0.1463
193	-0.3217	245	-0.1207	327	0.1433
194	-0.3207	246	-0.0727	328	0.1423
195	-0.3177	247	0.0513	329	0.1493
196	-0.3277	248	0.1333	330	0.1503
197	-0.3237	249	-0.0167	331	0.1483
198	-0.3257	250	-0.0667	332	0.1463
199	-0.3287	251	-0.0297	333	0.1413
200	-0.3257	252	0.0753	334	0.1473
201	-0.3197	253	0.5003	335	0.1513
202	-0.3147	254	0.4293	336	0.1433
203	-0.3147	255	-0.5227	337	0.1443
204	-0.3177	256	-0.4687	338	0.1453
205	0.2573	257	-0.4227	339	0.1443
206	0.2903	258	-0.3627	340	0.1443
207	0.2973	259	-0.2257	341	0.1503
208	0.2963	260	-0.0457	350	0.1453
210	0.3743	261	0.0323	351	0.1503
211	0.4383	262	0.1443	352	0.1523
212	0.3483	263	-0.1327	353	0.1473
213	-0.4267	264	-0.0387	354	0.1533
214	-0.4077	265	0.1933	355	0.1513
215	-0.3707	266	0.2523		
216	-0.2867	267	-0.0857		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1209
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 648.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -1.95
FIN ANGLE(DEG) = -0.64
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2045
247	1.2045
347	1.2045
447	1.2045
547	1.2055
647	1.2045
747	1.2045

ORF	CP	ORF	CP	ORF	CP
1	0.3425	52	0.2205	102	-0.0435
2	0.0105	53	0.0465	103	-0.3725
3	-0.2345	54	-0.0705	104	-0.3665
4	-0.1995	55	0.0185	105	-0.2535
5	-0.1715	56	-0.0355	110	-0.1295
6	-0.1605	57	-0.0595	111	-0.1215
7	-0.1015	58	-0.0905	112	-0.1145
8	-0.0405	59	-0.0525	113	-0.1485
9	0.0155	60	0.0845	114	0.1285
10	0.0605	61	0.1995	115	0.1275
11	0.0925	62	0.2125	116	0.1265
12	0.1445	63	0.1815	117	0.1325
13	0.1645	64	-0.0675	118	0.1305
14	0.0825	65	-0.0705	119	0.1405
15	0.0025	66	0.0515	120	-0.1765
16	0.0975	67	0.0055	121	0.1215
17	-0.0745	68	-0.0175	122	0.1345
18	-0.1755	69	-0.0185	123	0.1365
19	-0.1875	70	0.1065	124	-0.1515
20	-0.1495	71	0.2065	125	-0.1305
21	-0.0945	72	0.2175	126	-0.1105
22	-0.0455	73	0.1715	127	-0.1235
23	0.0215	74	-0.0645	128	-0.1165
24	0.0725	75	0.0705	129	-0.2025
25	0.1005	76	0.0285	135	-0.1135
26	0.1315	77	-0.0005	136	-0.1165
27	0.1535	78	0.0625	137	-0.1175
28	0.0875	79	0.2005	138	-0.0375
29	-0.0345	80	0.2065	139	-0.0335
30	0.0245	81	0.1325	140	-0.0325
32	-0.1415	82	-0.0675	141	-0.0005
33	-0.1545	83	0.0815	142	-0.0015
34	-0.1385	84	0.0325	143	-0.0045
35	-0.0695	85	0.0125	145	-0.1145
36	0.0255	86	0.1195	147	-0.0035
37	0.0735	87	0.2105	151	0.1755
38	0.1025	88	0.1655	152	0.0175
39	0.1355	89	-0.0825	153	-0.0685
40	0.1605	90	0.0635	154	-0.2125
41	0.1245	91	0.0455	155	0.1265
42	-0.0385	92	0.0815	156	0.3245
43	0.0105	93	0.1915	157	0.1945
44	-0.0485	94	0.1655	158	0.4905
45	-0.1035	95	-0.0945	159	0.4065
46	-0.1215	96	-0.2335	160	0.3565
47	-0.0935	97	-0.1425	161	0.2875
48	-0.0065	98	0.1605	162	0.4555
49	0.1575	99	0.1895	163	0.4155
50	0.1915	100	0.0665	164	-0.0355
51	0.1865	101	-0.0685	165	0.2095

ORF	CP	ORF	CP	ORF	CP
166	0.5065	217	-0.1255	268	-0.040[illegible]
167	0.3675	218	0.0195	269	0.246[illegible]
168	0.3525	219	0.0955	270	0.3109
169	0.2565	220	0.1365	271	-0.0525
170	0.2905	221	-0.3635	272	-0.0685
171	0.2555	222	-0.1825	273	0.1825
172	0.1045	223	0.0285	274	0.2355
173	0.1265	224	0.0025	275	0.3545
174	0.0355	225	0.3685	276	0.5165
175	-0.1345	226	0.2665	277	0.4195
176	-0.2275	227	-0.5505	278	-0.4405
177	0.0325	228	-0.5005	279	-0.3925
178	-0.0345	229	-0.4435	280	-0.3135
179	-0.0475	230	-0.2565	281	-0.2225
180	-0.3295	231	-0.0385	282	-0.1745
181	0.4755	232	0.0095	283	-0.1415
182	0.6155	233	0.0865	284	0.0325
183	0.5175	234	0.1365	285	0.1635
184	0.6555	235	-0.0365	286	-0.0575
185	0.6775	236	-0.1445	287	-0.0955
186	0.6565	237	-0.1285	288	0.1515
187	0.6825	238	-0.0885	289	0.2505
188	0.7115	239	0.3315	290	0.2795
189	0.7805	240	0.2575	291	-0.4085
190	-0.3205	241	-0.4595	292	0.1705
191	-0.3325	242	-0.3845	325	0.1485
192	-0.3225	244	-0.1105	326	0.1525
193	-0.3225	245	-0.0675	327	0.1575
194	-0.3235	246	-0.0365	328	0.1575
195	-0.3205	247	0.0545	329	0.1545
196	-0.3285	248	0.1335	330	0.1585
197	-0.3265	249	0.0215	331	0.1535
198	-0.3255	250	-0.0195	332	0.1595
199	-0.3265	251	0.0045	333	0.1605
200	-0.3305	252	0.0795	334	0.1575
201	-0.3225	253	0.4275	335	0.1585
202	-0.3135	254	0.3745	336	0.150[illegible]
203	-0.3165	255	-0.5235	337	0.149[illegible]
204	-0.3205	256	-0.4585	338	0.155[illegible]
205	0.2515	257	-0.3895	339	0.1585
206	0.2785	258	-0.2995	340	0.1555
207	0.2965	259	-0.1775	341	0.1535
208	0.3075	260	-0.0495	350	0.1285
210	0.3655	261	0.0475	351	0.1365
211	0.4525	262	0.1785	352	0.1375
212	0.3705	263	-0.0525	353	0.1345
213	-0.4165	264	-0.0035	354	0.1315
214	-0.3965	265	0.2145	355	0.1345
215	-0.3485	266	0.2955		
216	-0.2805	267	-0.0335		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1210
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.350
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1924.
TUNNEL STATIC PRESSURE(PSF) = 648.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.68
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2044
247	1.2044
347	1.2044
447	1.2054
547	1.2054
647	1.2054
747	1.2044

ORF	CP	ORF	CP	ORF	CP
1	0.3624	52	0.1674	102	-0.0426
2	0.0334	53	0.0394	103	-0.3396
3	-0.2066	54	-0.0866	104	-0.3086
4	-0.1726	55	0.0814	105	-0.1966
5	-0.1086	56	0.0394	110	-0.1216
6	0.0004	57	0.0724	111	-0.1146
7	0.0574	58	0.1304	112	-0.1056
8	0.0824	59	0.1554	113	-0.1376
9	0.0924	60	0.1614	114	0.1374
10	0.1044	61	0.1654	115	0.1354
11	0.1174	62	0.1854	116	0.1364
12	0.1324	63	0.1674	117	0.1394
13	0.1414	64	-0.0716	118	0.1394
14	0.0754	65	-0.0766	119	0.1354
15	0.0014	66	0.0924	120	-0.1556
16	0.1164	67	0.0954	121	0.1244
17	-0.0596	68	0.1264	122	0.1354
18	-0.1616	69	0.1694	123	0.1474
19	-0.1376	70	0.1694	124	-0.1246
20	-0.0076	71	0.1724	125	-0.1116
21	0.0824	72	0.1904	126	-0.0916
22	0.1074	73	0.1684	127	-0.0986
23	0.1124	74	-0.0766	128	-0.0996
24	0.1144	75	0.1464	129	-0.1856
25	0.1304	76	0.1774	135	-0.0956
26	0.1424	77	0.1914	136	-0.0976
27	0.1534	78	0.1964	137	-0.0956
28	0.0934	79	0.2004	138	-0.0176
29	-0.0396	80	0.1934	139	-0.0166
30	0.0624	81	0.1264	140	-0.0166
32	-0.1016	82	-0.0956	141	0.0164
33	-0.0756	83	0.1684	142	0.0134
34	0.0424	84	0.2054	143	0.0144
35	0.1194	85	0.2094	145	-0.0986
36	0.1304	86	0.1884	147	0.0144
37	0.1314	87	0.1654	151	0.1444
38	0.1364	88	0.1254	152	-0.0046
39	0.1544	89	-0.1116	153	-0.0676
40	0.1674	90	0.2074	154	-0.2196
41	0.1254	91	0.1464	155	0.1174
42	-0.0856	92	0.1424	156	0.3464
43	0.0514	93	0.1414	157	0.2114
44	0.0014	94	0.1374	158	0.5154
45	-0.0236	95	-0.0876	159	0.4254
46	0.0404	96	-0.2266	160	0.4194
47	0.1234	97	-0.0906	161	0.3534
48	0.1494	98	0.0564	162	0.5104
49	0.1494	99	0.1984	163	0.5094
50	0.1494	100	0.1244	164	-0.0176
51	0.1604	101	-0.0596	165	0.2954

ORF	CP	ORF	CP	ORF	CP
166	0.5314	217	-0.2076	268	-0.0266
167	0.4434	218	-0.0986	269	0.2544
168	0.4484	219	0.0914	270	0.3244
169	0.3684	220	0.1704	271	-0.0396
170	0.1564	221	-0.3696	272	-0.0666
171	0.3884	222	-0.1666	273	0.1494
172	0.2114	223	0.0584	274	0.2334
173	0.1364	224	0.0444	275	0.3364
174	0.0754	225	0.4214	276	0.5174
175	-0.0726	226	0.3304	277	0.4314
176	-0.2286	227	-0.5386	278	-0.4006
177	0.0044	228	-0.4806	279	-0.3356
178	-0.0596	229	-0.4176	280	-0.2716
179	-0.0886	230	-0.2676	281	-0.2026
180	-0.3306	231	-0.0706	282	-0.1186
181	0.4764	232	-0.0256	283	0.0284
182	0.6324	233	0.0764	284	0.1024
183	0.5764	234	0.1774	285	0.1404
184	0.8204	235	-0.0186	286	-0.0456
185	0.9044	236	-0.1216	287	-0.0806
186	0.9564	237	-0.1546	288	0.0874
187	0.9994	238	-0.0866	289	0.2424
188	1.0654	239	0.3434	290	0.2874
189	1.1474	240	0.2734	291	-0.4416
190	-0.3206	241	-0.3516	292	0.1594
191	-0.3286	242	-0.2916	325	0.1494
192	-0.3216	244	-0.0646	326	0.1504
193	-0.3226	245	-0.0256	327	0.1554
194	-0.3226	246	-0.0046	328	0.1474
195	-0.3206	247	0.0684	329	0.1474
196	-0.3286	248	0.1334	330	0.1464
197	-0.3246	249	0.0384	331	0.1514
198	-0.3276	250	0.0184	332	0.1544
199	-0.3296	251	0.0304	333	0.1464
200	-0.3236	252	0.0844	334	0.1484
201	-0.3236	253	0.3724	335	0.1474
202	-0.3156	254	0.2944	336	0.1504
203	-0.3206	255	-0.5156	337	0.1504
204	-0.3216	256	-0.4486	338	0.1514
205	0.2654	257	-0.3506	339	0.1524
206	0.2984	258	-0.1616	340	0.1484
207	0.3084	259	-0.0146	341	0.1474
208	0.3144	260	0.0214	350	0.1414
210	0.3794	261	0.0804	351	0.1394
211	0.5434	262	0.1694	352	0.1394
212	0.4604	263	-0.0306	353	0.1324
213	-0.3796	264	0.0234	354	0.1384
214	-0.3506	265	0.2404	355	0.1404
215	-0.3066	266	0.2984		
216	-0.2396	267	-0.0526		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1211
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.348
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = -0.74
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2040
247	1.2030
347	1.2030
447	1.2030
547	1.2030
647	1.2030
747	1.2020

ORF	CP	ORF	CP	ORF	CP
1	0.3390	52	0.1790	102	-0.0260
2	0.0340	53	0.0580	103	-0.3520
3	-0.1700	54	-0.0820	104	-0.3310
4	-0.0290	55	0.2140	105	-0.2310
5	0.0960	56	0.2120	110	-0.1360
6	0.1170	57	0.2160	111	-0.1340
7	0.1220	58	0.2030	112	-0.1180
8	0.1260	59	0.1950	113	-0.1550
9	0.1280	60	0.1930	114	0.1220
10	0.1370	61	0.1900	115	0.1220
11	0.1490	62	0.1940	116	0.1250
12	0.1530	63	0.1890	117	0.1420
13	0.1580	64	-0.0650	118	0.1350
14	0.0760	65	-0.0710	119	0.1280
15	0.0080	66	0.2650	120	-0.1660
16	0.1240	67	0.2360	121	0.1160
17	-0.0210	68	0.2150	122	0.1290
18	-0.0220	69	0.2060	123	0.1230
19	0.1070	70	0.2000	124	-0.1410
20	0.1470	71	0.2090	125	-0.1230
21	0.1420	72	0.2150	126	-0.1000
22	0.1440	73	0.2000	127	-0.1140
23	0.1410	74	-0.0680	128	-0.1100
24	0.1470	75	0.2810	129	-0.1930
25	0.1550	76	0.2480	135	-0.1060
26	0.1620	77	0.2280	136	-0.1080
27	0.1680	78	0.2200	137	-0.1090
28	0.1000	79	0.2300	138	-0.0280
29	-0.0510	80	0.2250	139	-0.0270
30	0.0990	81	0.1580	140	-0.0280
32	0.1100	82	-0.0980	141	0.0040
33	0.1690	83	0.2670	142	0.0000
34	0.1650	84	0.2590	143	0.0010
35	0.1600	85	0.2400	145	-0.1090
36	0.1650	86	0.2120	147	0.0020
37	0.1640	87	0.1600	151	0.1330
38	0.1670	88	0.1150	152	0.0020
39	0.1730	89	-0.1280	153	-0.0880
40	0.1780	90	0.2940	154	-0.2220
41	0.1360	91	0.1530	155	0.2000
42	-0.0920	92	0.1060	156	0.3140
43	0.1440	93	0.1060	157	0.1840
44	0.1400	94	0.0900	158	0.5640
45	0.1990	95	-0.1440	159	0.4270
46	0.2000	96	-0.2220	160	0.4300
47	0.1900	97	-0.0430	161	0.3500
48	0.1800	98	-0.0520	162	0.5030
49	0.1750	99	-0.0040	163	0.5190
50	0.1840	100	0.1530	164	-0.0280
51	0.1840	101	-0.0500	165	0.3030

ORF	CP	ORF	CP	ORF	CP
166	0.5570	217	-0.2080	268	0.0080
167	0.4940	218	-0.1210	269	0.2950
168	0.4810	219	0.0850	270	0.3610
169	0.3930	220	0.2210	271	-0.0340
170	0.1800	221	-0.3760	272	-0.0610
171	0.4870	222	-0.1330	273	0.2070
172	0.2880	223	0.0510	274	0.2700
173	0.1960	224	0.0400	275	0.3590
174	0.1770	225	0.4730	276	0.4950
175	0.0300	226	0.3770	277	0.4220
176	-0.1770	227	-0.5180	278	-0.4010
177	-0.0030	228	-0.4520	279	-0.3350
178	-0.0790	229	-0.3740	280	-0.2460
179	-0.0780	230	-0.2280	281	-0.1350
180	-0.3320	231	-0.0900	282	0.0850
181	0.4710	232	-0.0280	283	0.1080
182	0.5900	233	0.0920	284	0.1410
183	0.6190	234	0.2260	285	0.1600
184	0.9700	235	0.0310	286	-0.0290
185	1.0890	236	-0.0930	287	-0.0700
186	1.1840	237	-0.1570	288	0.1410
187	1.2770	238	-0.1020	289	0.2980
188	1.3660	239	0.3670	290	0.2940
189	1.3720	240	0.3050	291	-0.4520
190	-0.3200	241	-0.3980	292	0.1470
191	-0.3290	242	-0.3020	325	0.1470
192	-0.3210	244	-0.0480	326	0.1480
193	-0.3220	245	-0.0140	327	0.1510
194	-0.3240	246	0.0170	328	0.1510
195	-0.3190	247	0.0920	329	0.1500
196	-0.3330	248	0.1660	330	0.1500
197	-0.3240	249	0.0750	331	0.1490
198	-0.3270	250	0.0500	332	0.1520
199	-0.3310	251	0.0510	333	0.1520
200	-0.3230	252	0.0890	334	0.1530
201	-0.3220	253	0.3410	335	0.1520
202	-0.3150	254	0.2620	336	0.1450
203	-0.3210	255	-0.4140	337	0.1480
204	-0.3230	256	-0.3250	338	0.1490
205	0.2640	257	-0.2040	339	0.1510
206	0.3090	258	-0.0410	340	0.1520
207	0.3070	259	0.0360	341	0.1490
208	0.2950	260	0.0610	350	0.1270
210	0.3850	261	0.1070	351	0.1280
211	0.5980	262	0.1670	352	0.1300
212	0.5240	263	0.0160	353	0.1330
213	-0.3610	264	0.0420	354	0.1270
214	-0.3250	265	0.2610	355	0.1300
215	-0.2790	266	0.3260		
216	-0.2290	267	-0.0010		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1212
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1924.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.76
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2059
247	1.2059
347	1.2059
447	1.2069
547	1.2079
647	1.2079
747	1.2079

ORF	CP	ORF	CP	ORF	CP
1	0.3239	52	0.2229	102	-0.0051
2	0.1119	53	0.1009	103	-0.3331
3	0.0849	54	-0.0521	104	-0.3441
4	0.1249	55	0.3259	105	-0.2301
5	0.1449	56	0.2889	110	-0.1321
6	0.1469	57	0.2669	111	-0.1401
7	0.1539	58	0.2509	112	-0.1161
8	0.1579	59	0.2479	113	-0.1591
9	0.1669	60	0.2469	114	0.1139
10	0.1719	61	0.2489	115	0.1129
11	0.1839	62	0.2509	116	0.1079
12	0.1869	63	0.2379	117	0.1139
13	0.1809	64	-0.0331	118	0.1129
14	0.0989	65	-0.0361	119	0.1079
15	0.0359	66	0.3489	120	-0.1591
16	0.2029	67	0.3049	121	0.1039
17	0.1489	68	0.2809	122	0.1149
18	0.1629	69	0.2669	123	0.1199
19	0.1719	70	0.2629	124	-0.1441
20	0.1739	71	0.2649	125	-0.1241
21	0.1709	72	0.2709	126	-0.0991
22	0.1789	73	0.2569	127	-0.1151
23	0.1819	74	-0.0311	128	-0.1101
24	0.1849	75	0.3649	129	-0.1941
25	0.1929	76	0.3199	135	-0.1071
26	0.1989	77	0.2979	136	-0.1071
27	0.1929	78	0.2909	137	-0.1111
28	0.1259	79	0.2969	138	-0.0271
29	-0.0131	80	0.2839	139	-0.0241
30	0.2299	81	0.1929	140	-0.0251
32	0.2079	82	-0.0681	141	0.0079
33	0.2099	83	0.3419	142	0.0069
34	0.2039	84	0.3379	143	0.0059
35	0.2039	85	0.3039	145	-0.1121
36	0.2029	86	0.2639	147	0.0059
37	0.2049	87	0.2129	151	0.1899
38	0.2089	88	0.1509	152	0.0579
39	0.2139	89	-0.1131	153	-0.0451
40	0.2089	90	0.3789	154	-0.1881
41	0.1679	91	0.2109	155	0.2929
42	-0.0631	92	0.1469	156	0.3439
43	0.2869	93	0.1179	157	0.2069
44	0.2569	94	0.0929	158	0.5599
45	0.2389	95	-0.1511	159	0.4759
46	0.2309	96	-0.1601	160	0.4459
47	0.2349	97	-0.0601	161	0.3679
48	0.2309	98	-0.0671	162	0.4709
49	0.2329	99	-0.0311	163	0.4489
50	0.2329	100	-0.0281	164	-0.0251
51	0.2289	101	-0.0351	165	0.2639

ORF	CP	ORF	CP	ORF	CP
166	0.4569	217	-0.2011	268	0.0419
167	0.4679	218	-0.1331	269	0.3119
168	0.4319	219	0.0749	270	0.3929
169	0.3139	220	0.2569	271	-0.0131
170	0.3329	221	-0.3371	272	-0.0321
171	0.4629	222	-0.0861	273	0.2969
172	0.2629	223	0.0949	274	0.3409
173	0.2779	224	0.0819	275	0.3699
174	0.2499	225	0.5069	276	0.4319
175	0.0929	226	0.4349	277	0.3739
176	-0.1331	227	-0.5021	278	-0.1771
177	0.0569	228	-0.4261	279	-0.1031
178	-0.0231	229	-0.3591	280	-0.0061
179	0.0069	230	-0.2181	281	0.0939
180	-0.3271	231	-0.1051	282	0.1429
181	0.4159	232	-0.0481	283	0.1469
182	0.5439	233	0.0889	284	0.1749
183	0.5349	234	0.2729	285	0.1859
184	0.8429	235	0.0779	286	-0.0261
185	1.0149	236	-0.0531	287	-0.0561
186	1.1499	237	-0.1341	288	0.2339
187	1.2969	238	-0.0701	289	0.3329
188	1.4019	239	0.4169	290	0.3269
189	1.4469	240	0.3499	291	-0.4621
190	-0.3141	241	-0.4241	292	0.1289
191	-0.3111	242	-0.3111	325	0.1369
192	-0.3141	244	-0.0451	326	0.1299
193	-0.3151	245	-0.0201	327	0.1339
194	-0.3171	246	0.0269	328	0.1359
195	-0.3031	247	0.1219	329	0.1369
196	-0.3211	248	0.2159	330	0.1319
197	-0.3171	249	0.1169	331	0.1319
198	-0.3191	250	0.0889	332	0.1349
199	-0.3191	251	0.0949	333	0.1359
200	-0.3091	252	0.1349	334	0.1379
201	-0.3101	253	0.3919	335	0.1349
202	-0.3071	254	0.3249	336	0.1369
203	-0.3111	255	-0.3131	337	0.1369
204	-0.3121	256	-0.1851	338	0.1289
205	0.2569	257	-0.0831	339	0.1339
206	0.3059	258	0.0309	340	0.1369
207	0.3029	259	0.0779	341	0.1379
208	0.2729	260	0.1049	350	0.1169
210	0.4179	261	0.1449	351	0.1129
211	0.6449	262	0.1999	352	0.1099
212	0.5669	263	0.0579	353	0.1139
213	-0.3481	264	0.0879	354	0.1089
214	-0.3051	265	0.2949	355	0.1099
215	-0.2671	266	0.3479		
216	-0.2241	267	0.0319		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1213
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 648.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 6.01
FIN ANGLE(DEG) = -0.57
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2055
247	1.2055
347	1.2045
447	1.2055
547	1.2055
647	1.2055
747	1.2055

ORF	CP	ORF	CP	ORF	CP
1	0.3995	52	0.2995	102	0.0155
2	0.1625	53	0.1425	103	-0.3125
3	0.1245	54	-0.0065	104	-0.3305
4	0.1705	55	0.4075	105	-0.2335
5	0.1825	56	0.3635	110	-0.1245
6	0.1945	57	0.3385	111	-0.1335
7	0.2055	58	0.3215	112	-0.1085
8	0.2095	59	0.3215	113	-0.1515
9	0.2145	60	0.3255	114	0.1115
10	0.2305	61	0.3275	115	0.1105
11	0.2395	62	0.3295	116	0.1085
12	0.2465	63	0.3075	117	0.1065
13	0.2465	64	0.0035	118	0.1065
14	0.1475	65	0.0115	119	0.1065
15	0.0815	66	0.4335	120	-0.1465
16	0.2735	67	0.3815	121	0.0975
17	0.2105	68	0.3555	122	0.1095
18	0.2195	69	0.3405	123	0.1105
19	0.2265	70	0.3415	124	-0.1475
20	0.2265	71	0.3585	125	-0.1255
21	0.2285	72	0.3605	126	-0.1045
22	0.2355	73	0.3135	127	-0.1175
23	0.2395	74	0.0065	128	-0.1135
24	0.2455	75	0.4505	129	-0.1845
25	0.2495	76	0.4105	135	-0.1055
26	0.2625	77	0.3995	136	-0.1105
27	0.2625	78	0.3975	137	-0.1125
28	0.1955	79	0.3855	138	-0.0255
29	0.0255	80	0.3425	139	-0.0225
30	0.3045	81	0.2255	140	-0.0265
32	0.2695	82	-0.0405	141	0.0245
33	0.2725	83	0.4285	142	0.0235
34	0.2675	84	0.4325	143	0.0225
35	0.2615	85	0.4045	145	-0.1125
36	0.2655	86	0.3425	147	0.0245
37	0.2605	87	0.2765	151	0.2475
38	0.2685	88	0.1945	152	0.0995
39	0.2785	89	-0.0835	153	-0.0015
40	0.2805	90	0.4645	154	-0.1625
41	0.2285	91	0.2905	155	0.3275
42	-0.0175	92	0.2175	156	0.3865
43	0.3625	93	0.1775	157	0.2605
44	0.3335	94	0.1225	158	0.6225
45	0.3115	95	-0.1425	159	0.5155
46	0.3045	96	-0.2215	160	0.5015
47	0.2985	97	-0.1065	161	0.4215
48	0.2935	98	-0.1045	162	0.5265
49	0.2995	99	-0.0875	163	0.5065
50	0.2975	100	-0.0285	164	-0.0255
51	0.3005	101	-0.0205	165	0.3255

ORF	CP	ORF	CP	ORF	CP
166	0.4185	217	-0.1935	268	0.0735
167	0.4955	218	-0.1175	269	0.3655
168	0.4885	219	0.0695	270	0.4535
169	0.3585	220	0.2925	271	0.0115
170	0.4665	221	-0.2995	272	-0.0045
171	0.4215	222	-0.0515	273	0.3545
172	0.2465	223	0.1385	274	0.3945
173	0.2905	224	0.1245	275	0.3945
174	0.2445	225	0.5475	276	0.4885
175	0.0485	226	0.4655	277	0.4435
176	-0.1375	227	-0.4885	278	-0.1275
177	0.1045	228	-0.4165	279	-0.0175
178	0.0145	229	-0.3335	280	0.0485
179	0.0525	230	-0.2015	281	0.1275
180	-0.3325	231	-0.1065	282	0.1815
181	0.4585	232	-0.0445	283	0.1925
182	0.6035	233	0.1105	284	0.2275
183	0.4375	234	0.3315	285	0.2435
184	0.6375	235	0.1255	286	-0.0075
185	0.8595	236	-0.0165	287	-0.0245
186	1.1005	237	-0.0945	288	0.2585
187	1.3005	238	-0.0375	289	0.2905
188	1.4275	239	0.4485	290	0.3765
189	1.4715	240	0.3935	291	-0.4955
190	-0.3225	241	-0.4255	292	0.1005
191	-0.3165	242	-0.2885	325	0.1185
192	-0.3215	244	-0.0445	326	0.1215
193	-0.3225	245	-0.0245	327	0.1295
194	-0.3255	246	0.0315	328	0.1265
195	-0.3095	247	0.1655	329	0.1235
196	-0.3265	248	0.2675	330	0.1185
197	-0.3245	249	0.1715	331	0.1235
198	-0.3265	250	0.1275	332	0.1305
199	-0.3285	251	0.1335	333	0.1275
200	-0.3135	252	0.1825	334	0.1255
201	-0.3165	253	0.4455	335	0.1205
202	-0.3165	254	0.3825	336	0.1195
203	-0.3205	255	-0.3735	337	0.1175
204	-0.3165	256	-0.2365	338	0.1215
205	0.2225	257	-0.1055	339	0.1295
206	0.2905	258	0.0325	340	0.1255
207	0.2605	259	0.1025	341	0.1245
208	0.2115	260	0.1425	350	0.1095
210	0.4615	261	0.1895	351	0.1135
211	0.6875	262	0.2535	352	0.1095
212	0.6005	263	0.0975	353	0.1105
213	-0.3435	264	0.1185	354	0.1095
214	-0.3085	265	0.3465	355	0.1115
215	-0.2755	266	0.4055		
216	-0.2185	267	0.0735		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1214
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 648.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.45
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2055
247	1.2045
347	1.2055
447	1.2065
547	1.2055
647	1.2055
747	1.2055

ORF	CP	ORF	CP	ORF	CP
1	0.4385	52	0.3755	102	0.0325
2	0.2515	53	0.1835	103	-0.2945
3	0.2245	54	0.0345	104	-0.2945
4	0.2455	55	0.4905	105	-0.2135
5	0.2515	56	0.4355	110	-0.1375
6	0.2575	57	0.4085	111	-0.1425
7	0.2625	58	0.4045	112	-0.1175
8	0.2695	59	0.3985	113	-0.1595
9	0.2755	60	0.4125	114	0.0855
10	0.2865	61	0.4235	115	0.0895
11	0.2965	62	0.4135	116	0.0865
12	0.3035	63	0.3635	117	0.0875
13	0.2985	64	0.0295	118	0.0865
14	0.1955	65	0.0395	119	0.0895
15	0.1275	66	0.5145	120	-0.1625
16	0.3605	67	0.4625	121	0.0755
17	0.3115	68	0.4465	122	0.0905
18	0.3035	69	0.4465	123	0.0875
19	0.2915	70	0.4645	124	-0.1685
20	0.2895	71	0.4505	125	-0.1495
21	0.2845	72	0.4105	126	-0.1315
22	0.2935	73	0.3365	127	-0.1425
23	0.2935	74	0.0195	128	-0.1375
24	0.2995	75	0.5445	129	-0.2025
25	0.3125	76	0.5225	135	-0.1305
26	0.3175	77	0.5075	136	-0.1365
27	0.3125	78	0.4795	137	-0.1375
28	0.2325	79	0.4355	138	-0.0445
29	0.0865	80	0.3705	139	-0.0395
30	0.4105	81	0.2455	140	-0.0435
32	0.3475	82	-0.0205	141	0.0295
33	0.3425	83	0.5425	142	0.0275
34	0.3255	84	0.5295	143	0.0275
35	0.3165	85	0.4685	145	-0.1375
36	0.3205	86	0.3865	147	0.0265
37	0.3235	87	0.3065	151	0.2995
38	0.3275	88	0.2175	152	0.1375
39	0.3375	89	-0.0635	153	0.0415
40	0.3325	90	0.5405	154	-0.1355
41	0.2775	91	0.3555	155	0.3585
42	0.0425	92	0.2655	156	0.4305
43	0.4595	93	0.2075	157	0.2895
44	0.4105	94	0.1425	158	0.6505
45	0.3795	95	-0.1235	159	0.5455
46	0.3725	96	-0.2365	160	0.5215
47	0.3625	97	-0.1575	161	0.4255
48	0.3575	98	-0.1435	162	0.5865
49	0.3625	99	-0.2905	163	0.5375
50	0.3785	100	-0.2175	164	-0.0395
51	0.3735	101	-0.0105	165	0.3425

ORF	CP	ORF	CP	ORF	CP
166	0.4585	217	-0.1895	268	0.0975
167	0.5235	218	-0.1105	269	0.4085
168	0.5075	219	0.0735	270	0.4975
169	0.3755	220	0.3545	271	0.0255
170	0.5065	221	-0.2565	272	0.0265
171	0.4275	222	-0.0055	273	0.4035
172	0.2555	223	0.1905	274	0.4555
173	0.3145	224	0.1695	275	0.4125
174	0.2695	225	0.6085	276	0.4925
175	0.0635	226	0.5345	277	0.4685
176	-0.1105	227	-0.4895	278	0.0145
177	0.1435	228	-0.4135	279	0.1085
178	0.0625	229	-0.3445	280	0.1875
179	0.0855	230	-0.2255	281	0.2265
180	-0.3365	231	-0.1405	282	0.2515
181	0.5045	232	-0.0615	283	0.2495
182	0.6455	233	0.1155	284	0.2785
183	0.3375	234	0.3905	285	0.2925
184	0.4815	235	0.1685	286	0.0015
185	0.7125	236	0.0185	287	0.0225
186	1.1545	237	-0.0605	288	0.3105
187	1.4035	238	-0.0035	289	0.3265
188	1.4965	239	0.4785	290	0.4305
189	1.5085	240	0.4295	291	-0.5055
190	-0.3255	241	-0.4285	292	0.0765
191	-0.3145	242	-0.2925	325	0.1085
192	-0.3265	244	-0.0565	326	0.1145
193	-0.3255	245	-0.0385	327	0.1105
194	-0.3315	246	0.0335	328	0.1095
195	-0.3105	247	0.2065	329	0.1115
196	-0.3345	248	0.3375	330	0.1165
197	-0.3295	249	0.2195	331	0.1165
198	-0.3315	250	0.1655	332	0.1125
199	-0.3335	251	0.1725	333	0.1105
200	-0.3165	252	0.2305	334	0.1125
201	-0.3195	253	0.4895	335	0.1195
202	-0.3215	254	0.4345	336	0.1135
203	-0.3225	255	-0.3925	337	0.1095
204	-0.3195	256	-0.2295	338	0.1155
205	0.1495	257	-0.0915	339	0.1105
206	0.2235	258	0.0775	340	0.1105
207	0.1825	259	0.1575	341	0.1105
208	0.1565	260	0.1895	350	0.0865
210	0.4985	261	0.2505	351	0.0885
211	0.7345	262	0.3155	352	0.0815
212	0.6415	263	0.1545	353	0.0815
213	-0.3425	264	0.1605	354	0.0825
214	-0.3165	265	0.4025	355	0.0825
215	-0.2795	266	0.4535		
216	-0.2255	267	0.1145		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1215
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1925.
TUNNEL STATIC PRESSURE(PSF) = 652.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = -0.34
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.1996
247	1.1986
347	1.1976
447	1.1986
547	1.2006
647	1.2006
747	1.2006

ORF	CP	ORF	CP	ORF	CP
1	0.5356	52	0.4356	102	0.0466
2	0.4236	53	0.2236	103	-0.2554
3	0.4036	54	0.0866	104	-0.2124
4	0.3986	55	0.6736	105	-0.1764
5	0.3926	56	0.6256	110	-0.1314
6	0.3916	57	0.6166	111	-0.1294
7	0.4156	58	0.6016	112	-0.1144
8	0.4176	59	0.5846	113	-0.1564
9	0.4406	60	0.5556	114	0.0666
10	0.4536	61	0.5226	115	0.0666
11	0.4646	62	0.4806	116	0.0676
12	0.4446	63	0.4166	117	0.0656
13	0.4286	64	0.0596	118	0.0676
14	0.3056	65	0.0846	119	0.0686
15	0.2096	66	0.7176	120	-0.1524
16	0.5136	67	0.6636	121	0.0546
17	0.4646	68	0.6186	122	0.0626
18	0.4446	69	0.5916	123	0.0656
19	0.4276	70	0.5676	124	-0.1934
20	0.4376	71	0.5296	125	-0.1844
21	0.4376	72	0.4706	126	-0.1694
22	0.4516	73	0.3786	127	-0.1774
23	0.4506	74	0.0666	128	-0.1694
24	0.4726	75	0.7256	129	-0.2104
25	0.4676	76	0.6626	135	-0.1694
26	0.4686	77	0.6096	136	-0.1644
27	0.4276	78	0.5576	137	-0.1664
28	0.3076	79	0.5016	138	-0.0614
29	0.1786	80	0.4336	139	-0.0544
30	0.5516	81	0.2866	140	-0.0554
32	0.4846	82	0.0296	141	0.0416
33	0.4796	83	0.6676	142	0.0496
34	0.4876	84	0.6366	143	0.0496
35	0.4896	85	0.5576	145	-0.1674
36	0.5016	86	0.4676	147	0.0506
37	0.4876	87	0.3766	151	0.3826
38	0.4876	88	0.2746	152	0.1926
39	0.4786	89	-0.0104	153	0.1006
40	0.4366	90	0.6376	154	-0.0674
41	0.3456	91	0.4546	155	0.3436
42	0.1346	92	0.3506	156	0.4916
43	0.6116	93	0.2786	157	0.3436
44	0.5666	94	0.1996	158	0.6996
45	0.5586	95	-0.0744	159	0.5916
46	0.5586	96	-0.3074	160	0.5576
47	0.5516	97	-0.1094	161	0.4566
48	0.5416	98	-0.3754	162	0.6496
49	0.5346	99	-0.4584	163	0.5536
50	0.5146	100	-0.3364	164	-0.0534
51	0.4876	101	-0.0104	165	0.3496

ORF	CP	ORF	CP	ORF	CP
166	0.5386	217	-0.2024	268	0.1266
167	0.5336	218	-0.1354	269	0.4956
168	0.5066	219	0.2466	270	0.5766
169	0.3746	220	0.4606	271	0.0396
170	0.5046	221	-0.2004	272	0.0566
171	0.4296	222	0.0746	273	0.4926
172	0.2686	223	0.2526	274	0.5556
173	0.2616	224	0.2226	275	0.4026
174	0.1626	225	0.7226	276	0.5696
175	0.0836	226	0.6556	277	0.5826
176	-0.1054	227	-0.4834	278	0.2896
177	0.2126	228	-0.4264	279	0.3446
178	0.1246	229	-0.3744	280	0.3626
179	0.1256	230	-0.2984	281	0.3766
180	-0.3534	231	-0.2134	282	0.3966
181	0.6146	232	-0.0794	283	0.3856
182	0.7316	233	0.3306	284	0.4396
183	0.2746	234	0.5086	285	0.4216
184	0.3526	235	0.2326	286	-0.0054
185	0.4926	236	0.0716	287	0.1056
186	0.8676	237	0.0016	288	0.4006
187	1.2456	238	0.0516	289	0.4246
188	1.4436	239	0.5546	290	0.5356
189	1.4826	240	0.5246	291	-0.5094
190	-0.3314	241	-0.4284	292	0.0606
191	-0.3154	242	-0.2824	325	0.0916
192	-0.3324	244	-0.0824	326	0.0886
193	-0.3324	245	-0.1024	327	0.0876
194	-0.3374	246	0.0346	328	0.0886
195	-0.3174	247	0.3876	329	0.0896
196	-0.3594	248	0.4846	330	0.0956
197	-0.3404	249	0.2966	331	0.0896
198	-0.3454	250	0.2136	332	0.0886
199	-0.3514	251	0.2236	333	0.0896
200	-0.3244	252	0.3106	334	0.0896
201	-0.3344	253	0.5976	335	0.0966
202	-0.3344	254	0.5506	336	0.0906
203	-0.3364	255	-0.4154	337	0.0916
204	-0.3314	256	-0.2614	338	0.0896
205	0.0216	257	-0.1064	339	0.0866
206	0.1176	258	0.1106	340	0.0896
207	0.0376	259	0.2476	341	0.0896
208	0.0706	260	0.3036	350	0.0676
210	0.6136	261	0.4146	351	0.0646
211	0.8036	262	0.4466	352	0.0686
212	0.6926	263	0.2206	353	0.0666
213	-0.3454	264	0.1826	354	0.0676
214	-0.3434	265	0.4986	355	0.0686
215	-0.3134	266	0.5536		
216	-0.2464	267	0.1816		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1216
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.346
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1924.
TUNNEL STATIC PRESSURE(PSF) = 652.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.30
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2006
247	1.1996
347	1.1996
447	1.2006
547	1.1996
647	1.1996
747	1.1996

ORF	CP	ORF	CP	ORF	CP
1	0.6296	52	0.4736	102	0.6466
2	0.5146	53	0.2476	103	-0.2954
3	0.4766	54	0.1346	104	-0.2404
4	0.4786	55	0.7686	105	-0.1564
5	0.4946	56	0.7256	110	-0.1424
6	0.5106	57	0.6946	111	-0.1354
7	0.5156	58	0.6706	112	-0.1194
8	0.5276	59	0.6466	113	-0.1604
9	0.5356	60	0.6146	114	0.0686
10	0.5336	61	0.5746	115	0.0716
11	0.5376	62	0.5256	116	0.0736
12	0.5296	63	0.4486	117	0.0746
13	0.4956	64	0.0816	118	0.0696
14	0.3526	65	0.1216	119	0.0736
15	0.2536	66	0.7956	120	-0.1474
16	0.5976	67	0.7356	121	0.0596
17	0.5516	68	0.6926	122	0.0686
18	0.5366	69	0.6516	123	0.0686
19	0.5326	70	0.6176	124	-0.2254
20	0.5266	71	0.5746	125	-0.2114
21	0.5376	72	0.5116	126	-0.2024
22	0.5426	73	0.4066	127	-0.2024
23	0.5556	74	0.1046	128	-0.1874
24	0.5546	75	0.7956	129	-0.2254
25	0.5456	76	0.7246	135	-0.1854
26	0.5276	77	0.6626	136	-0.1964
27	0.4846	78	0.6046	137	-0.1874
28	0.3556	79	0.5506	138	-0.0734
29	0.2236	80	0.4666	139	-0.0894
30	0.6606	81	0.3116	140	-0.0904
32	0.5966	82	0.0686	141	0.0506
33	0.5906	83	0.7246	142	0.0566
34	0.5896	84	0.6876	143	0.0556
35	0.5926	85	0.6016	145	-0.1964
36	0.5896	86	0.5096	147	0.0446
37	0.5736	87	0.4216	151	0.4106
38	0.5616	88	0.3046	152	0.1996
39	0.5376	89	0.0266	153	0.1096
40	0.4876	90	0.6856	154	-0.0414
41	0.3776	91	0.5046	155	0.3346
42	0.1936	92	0.3916	156	0.4876
43	0.7246	93	0.3146	157	0.3476
44	0.6836	94	0.2306	158	0.7536
45	0.6596	95	-0.0394	159	0.5826
46	0.6536	96	-0.3724	160	0.5416
47	0.6406	97	-0.1004	161	0.4436
48	0.6276	98	-0.4814	162	0.7076
49	0.6036	99	-0.3564	163	0.5996
50	0.5766	100	-0.2764	164	-0.0834
51	0.5356	101	-0.0264	165	0.3586

ORF	CP	ORF	CP	ORF	CP
166	0.5896	217	-0.1964	268	0.1466
167	0.5626	218	-0.1194	269	0.5476
168	0.5186	219	0.3526	270	0.6296
169	0.3826	220	0.5086	271	0.0416
170	0.5276	221	-0.1744	272	0.1316
171	0.4106	222	0.1046	273	0.5286
172	0.2566	223	0.2726	274	0.5946
173	0.2526	224	0.2406	275	0.4046
174	0.1356	225	0.7846	276	0.6736
175	0.0746	226	0.6926	277	0.6726
176	-0.1124	227	-0.4894	278	0.3356
177	0.2106	228	-0.4424	279	0.4116
178	0.1376	229	-0.4004	280	0.4456
179	0.1436	230	-0.3284	281	0.4656
180	-0.3614	231	-0.2274	282	0.4896
181	0.6616	232	-0.0784	283	0.4966
182	0.7896	233	0.4356	284	0.5326
183	0.2956	234	0.5456	285	0.4996
184	0.3836	235	0.2546	286	-0.0114
185	0.5226	236	0.0906	287	0.2136
186	0.8556	237	0.0476	288	0.4466
187	1.2946	238	0.0936	289	0.4586
188	1.4456	239	0.6006	290	0.5866
189	1.4706	240	0.5786	291	-0.5004
190	-0.3374	241	-0.4314	292	0.0646
191	-0.3194	242	-0.2884	325	0.0886
192	-0.3374	244	-0.1094	326	0.0856
193	-0.3384	245	-0.1104	327	0.0886
194	-0.3414	246	0.1866	328	0.0936
195	-0.3194	247	0.4986	329	0.0876
196	-0.3644	248	0.5396	330	0.0856
197	-0.3464	249	0.3356	331	0.0856
198	-0.3514	250	0.2306	332	0.0896
199	-0.3554	251	0.2506	333	0.0936
200	-0.3264	252	0.3436	334	0.0896
201	-0.3404	253	0.6586	335	0.0876
202	-0.3414	254	0.6176	336	0.0916
203	-0.3404	255	-0.4254	337	0.0886
204	-0.3384	256	-0.2744	338	0.0856
205	-0.0404	257	-0.1394	339	0.0896
206	0.0626	258	0.1376	340	0.0946
207	-0.0274	259	0.3196	341	0.0876
208	0.0256	260	0.4036	350	0.0696
210	0.6796	261	0.5006	351	0.0706
211	0.8196	262	0.5166	352	0.0636
212	0.6996	263	0.2526	353	0.0746
213	-0.3474	264	0.1936	354	0.0726
214	-0.3524	265	0.5426	355	0.0726
215	-0.3214	266	0.5986		
216	-0.2524	267	0.2126		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1217
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 71.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.46
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.2041
247	1.2031
347	1.2051
447	1.2051
547	1.1971
647	1.1961
747	1.1961

ORF	CP	ORF	CP	ORF	CP
1	0.3601	52	0.1691	102	-0.0399
2	0.0371	53	0.0371	103	-0.3429
3	-0.2099	54	-0.0909	104	-0.3269
4	-0.1729	55	0.0811	105	-0.2109
5	-0.0939	56	0.0471	110	-0.1389
6	-0.0009	57	0.0761	111	-0.1329
7	0.0621	58	0.1231	112	-0.1229
8	0.0751	59	0.1591	113	-0.1539
9	0.0941	60	0.1661	114	0.1201
10	0.1051	61	0.1641	115	0.1191
11	0.1171	62	0.1751	116	0.1171
12	0.1301	63	0.1701	117	0.1161
13	0.1431	64	-0.0709	118	0.1171
14	0.0741	65	-0.0749	119	0.1101
15	0.0001	66	0.0931	120	-0.1719
16	0.1181	67	0.0901	121	0.0961
17	-0.0559	68	0.1411	122	0.1161
18	-0.1659	69	0.1691	123	0.1221
19	-0.1359	70	0.1721	124	-0.1469
20	-0.0199	71	0.1841	125	-0.1289
21	0.0741	72	0.1791	126	-0.1079
22	0.1111	73	0.1741	127	-0.1199
23	0.1141	74	-0.0719	128	-0.1149
24	0.1211	75	0.1371	129	-0.1909
25	0.1291	76	0.1441	135	-0.1139
26	0.1461	77	0.1801	136	-0.1139
27	0.1491	78	0.1991	137	-0.1119
28	0.0941	79	0.1951	138	-0.0369
29	-0.0369	80	0.2031	139	-0.0349
30	0.0601	81	0.1311	140	-0.0339
32	-0.1019	82	-0.0959	141	-0.0009
33	-0.0509	83	0.1821	142	-0.0039
34	0.0481	84	0.2181	143	-0.0049
35	0.1271	85	0.2191	145	-0.1119
36	0.1271	86	0.1911	147	-0.0019
37	0.1321	87	0.1551	151	0.1411
38	0.1371	88	0.1301	152	-0.0039
39	0.1501	89	-0.0819	153	-0.0749
40	0.1591	90	0.2191	154	-0.2219
41	0.1171	91	0.1481	155	0.1201
42	-0.0819	92	0.1441	156	0.3421
43	0.0531	93	0.1451	157	0.2041
44	-0.0019	94	0.1691	158	0.5161
45	-0.0199	95	-0.0979	159	0.4261
46	0.0621	96	-0.2289	160	0.4131
47	0.1331	97	-0.0889	161	0.3331
48	0.1471	98	0.0671	162	0.4901
49	0.1471	99	0.1901	163	0.5021
50	0.1511	100	0.1211	164	-0.0339
51	0.1631	101	-0.0669	165	0.2951

ORF	CP	ORF	CP	ORF	CP
166	0.5281	217	-0.2219	268	-0.0349
167	0.4361	218	-0.0799	269	0.2471
168	0.4451	219	0.0771	270	0.3161
169	0.3631	220	0.1671	271	-0.0489
170	0.1541	221	-0.3869	272	-0.0789
171	0.3831	222	-0.1749	273	0.1481
172	0.2061	223	0.0261	274	0.2311
173	0.1451	224	0.0171	275	0.3321
174	0.0751	225	0.4121	276	0.5041
175	-0.0799	226	0.3191	277	0.4341
176	-0.2309	227	-0.5429	278	-0.4119
177	0.0221	228	-0.4839	279	-0.3479
178	-0.0489	229	-0.4139	280	-0.2639
179	-0.0739	230	-0.2609	281	-0.2059
180	-0.3319	231	-0.0689	282	-0.1109
181	0.4651	232	-0.0259	283	0.0081
182	0.6301	233	0.0731	284	0.0991
183	0.5811	234	0.1741	285	0.1401
184	0.8421	235	-0.0219	286	-0.0579
185	0.8971	236	-0.1289	287	-0.0929
186	0.9341	237	-0.1669	288	0.0911
187	0.9951	238	-0.1139	289	0.2421
188	1.0791	239	0.3341	290	0.2711
189	1.1411	240	0.2661	291	-0.4399
190	-0.3219	241	-0.3409	292	0.1451
191	-0.3299	242	-0.2959	325	0.1441
192	-0.3239	244	-0.0639	326	0.1361
193	-0.3239	245	-0.0319	327	0.1411
194	-0.3259	246	-0.0099	328	0.1431
195	-0.3209	247	0.0581	329	0.1401
196	-0.3319	248	0.1321	330	0.1411
197	-0.3259	249	0.0351	331	0.1371
198	-0.3279	250	0.0081	332	0.1431
199	-0.3299	251	0.0141	333	0.1431
200	-0.3259	252	0.0611	334	0.1421
201	-0.3239	253	0.3631	335	0.1401
202	-0.3169	254	0.2991	336	0.1431
203	-0.3219	255	-0.5179	337	0.1421
204	-0.3259	256	-0.4429	338	0.1361
205	0.2561	257	-0.3539	339	0.1421
206	0.2821	258	-0.1769	340	0.1441
207	0.2991	259	-0.0249	341	0.1401
208	0.3011	260	0.0101	350	0.1141
210	0.3741	261	0.0741	351	0.1211
211	0.5331	262	0.1581	352	0.1211
212	0.4561	263	-0.0389	353	0.1151
213	-0.3849	264	0.0071	354	0.1131
214	-0.3459	265	0.2341	355	0.1091
215	-0.3169	266	0.2891		
216	-0.2639	267	-0.0569		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1218
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 789.
TUNNEL STAGNATION PRESSURE(PSF) = 1898.
TUNNEL STATIC PRESSURE(PSF) = 784.
REYNOLDS NUMBER PER FOOT = 3.9640E 06
MODEL ANGLE OF ATTACK(DEG) = -14.20
FIN ANGLE(DEG) = -0.73
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0913
247	1.0913
347	1.0903
447	1.0913
547	1.0913
647	1.0923
747	1.0913

ORF	CP	ORF	CP	ORF	CP
1	0.0973	52	-0.2297	102	-0.2737
2	-0.0717	53	-0.3447	103	-0.5427
3	-0.0957	54	-0.3177	104	-0.5157
4	-0.0697	55	-0.3087	105	-0.4417
5	-0.0477	56	-0.2487	110	-0.0057
6	-0.0337	57	-0.2057	111	-0.0127
7	-0.0287	58	-0.1907	112	-0.0047
8	-0.0197	59	-0.1927	113	-0.0637
9	-0.0147	60	-0.1997	114	0.0983
10	-0.0117	61	-0.2187	115	0.0983
11	-0.0047	62	-0.2477	116	0.1003
12	-0.0037	63	-0.2947	117	0.1013
13	-0.0167	64	-0.4037	118	0.0993
14	-0.1337	65	-0.4107	119	0.1003
15	-0.2347	66	-0.4687	120	-0.2117
16	-0.0587	67	-0.4387	121	0.0973
17	-0.0917	68	-0.3547	122	0.1043
18	-0.0757	69	-0.3117	123	0.1033
19	-0.0627	70	-0.2817	124	-0.2197
20	-0.0667	71	-0.2807	125	-0.1917
21	-0.0547	72	-0.2987	126	-0.1727
22	-0.0397	73	-0.3427	127	-0.1787
23	-0.0387	74	-0.4327	128	-0.1887
24	-0.0367	75	-0.5307	129	-0.2537
25	-0.0327	76	-0.5437	135	-0.1807
26	-0.0427	77	-0.5507	136	-0.1857
27	-0.0647	78	-0.4977	137	-0.1877
28	-0.1717	79	-0.4467	138	-0.0287
29	-0.2667	80	-0.4177	139	-0.0267
30	-0.0757	81	-0.4387	140	-0.0237
32	-0.0767	82	-0.4577	141	0.0953
33	-0.0727	83	-0.4327	142	0.0983
34	-0.0787	84	-0.5757	143	0.0943
35	-0.0717	85	-0.5967	145	-0.1827
36	-0.0737	86	-0.5947	147	0.0963
37	-0.0707	87	-0.5777	151	0.0643
38	-0.0737	88	-0.5467	152	-0.1347
39	-0.0867	89	-0.4977	153	-0.2097
40	-0.1297	90	-0.5717	154	-0.2317
41	-0.2157	91	-0.5867	155	-0.0417
42	-0.2967	92	-0.5867	156	-0.0327
43	-0.1577	93	-0.5877	157	-0.1397
44	-0.1307	94	-0.5937	158	0.1693
45	-0.1287	95	-0.5087	159	0.0283
46	-0.1317	96	0.0123	160	-0.0287
47	-0.1317	97	-0.2607	161	-0.1097
48	-0.1317	98	0.1333	162	0.1043
49	-0.1387	99	0.2383	163	0.0273
50	-0.1567	100	-0.0837	164	-0.0317
51	-0.1857	101	-0.2947	165	-0.1507

ORF	CP	ORF	CP	ORF	CP
166	0.1383	217	-0.4477	268	-0.2397
167	0.0393	218	-0.3967	269	0.0343
168	-0.0007	219	-0.3147	270	0.0863
169	-0.0947	220	0.0113	271	-0.2807
170	0.0063	221	-0.5367	272	-0.2317
171	-0.0347	222	-0.2047	273	0.0143
172	-0.1647	223	-0.1227	274	0.0473
173	0.0203	224	-0.1507	275	0.1163
174	-0.1027	225	0.5033	276	0.2553
175	-0.2217	226	0.3803	277	0.1963
176	-0.3497	227	-0.7267	278	-0.4657
177	-0.2047	228	-0.7017	279	-0.3637
178	-0.1747	229	-0.6737	280	-0.2527
179	-0.1597	230	-0.6187	281	-0.1297
180	-0.3777	231	-0.5317	282	-0.0647
181	0.2403	232	-0.4187	283	-0.0377
182	0.3553	233	-0.3027	284	-0.0197
183	0.2163	234	0.1113	285	-0.0077
184	0.3753	235	-0.0987	286	-0.2897
185	0.4093	236	-0.3157	287	-0.2817
186	0.4163	237	-0.3677	288	0.0073
187	0.4093	238	-0.3707	289	0.0613
188	0.4113	239	0.3413	290	0.0713
189	0.4253	240	0.2943	291	-0.1657
190	-0.3677	241	-0.7197	292	0.4763
191	-0.4047	242	-0.6337	325	0.1293
192	-0.3667	244	-0.5507	326	0.1273
193	-0.3677	245	-0.5397	327	0.1223
194	-0.3697	246	-0.4997	328	0.1253
195	-0.3967	247	-0.0637	329	0.1263
196	-0.3947	248	0.0773	330	0.1213
197	-0.3707	249	-0.1657	331	0.1293
198	-0.3727	250	-0.2707	332	0.1243
199	-0.3717	251	-0.3467	333	0.1273
200	-0.3967	252	-0.1307	334	0.1263
201	-0.3767	253	0.2863	335	0.1223
202	-0.3727	254	0.1553	336	0.1303
203	-0.3737	255	-0.7577	337	0.1313
204	-0.3777	256	-0.7137	338	0.1263
205	0.1033	257	-0.6697	339	0.1233
206	0.1223	258	-0.4957	340	0.1263
207	0.1263	259	-0.2427	341	0.1263
208	0.0873	260	-0.1467	350	0.1043
210	0.5403	261	-0.0397	351	0.1003
211	0.5333	262	0.0163	352	0.1053
212	0.4223	263	-0.2787	353	0.1043
213	-0.5687	264	-0.2567	354	0.1033
214	-0.5887	265	0.0073	355	0.1033
215	-0.5617	266	0.0743		
216	-0.4917	267	-0.2587		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1219
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.202
TUNNEL DYNAMIC PRESSURE(PSF) = 790.
TUNNEL STAGNATION PRESSURE(PSF) = 1898.
TUNNEL STATIC PRESSURE(PSF) = 780.
REYNOLDS NUMBER PER FOOT = 3.9650E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.67
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0957
247	1.0947
347	1.0947
447	1.0957
547	1.0977
647	1.0977
747	1.0977

ORF	CP	ORF	CP	ORF	CP
1	0.1037	52	-0.2313	102	-0.2483
2	-0.1403	53	-0.3483	103	-0.5713
3	-0.1293	54	-0.2863	104	-0.5753
4	-0.0803	55	-0.4423	105	-0.4883
5	-0.0603	56	-0.4023	110	-0.0373
6	-0.0423	57	-0.2593	111	-0.0393
7	-0.0423	58	-0.2013	112	-0.0343
8	-0.0343	59	-0.1573	113	-0.0903
9	-0.0413	60	-0.1543	114	0.1237
10	-0.0383	61	-0.1753	115	0.1277
11	-0.0323	62	-0.2073	116	0.1247
12	-0.0283	63	-0.2543	117	0.1247
13	-0.0413	64	-0.3703	118	0.1227
14	-0.1583	65	-0.3773	119	0.1227
15	-0.2423	66	-0.4923	120	-0.1763
16	-0.0463	67	-0.5153	121	0.1177
17	-0.0633	68	-0.4763	122	0.1247
18	-0.0573	69	-0.3933	123	0.1247
19	-0.0583	70	-0.3113	124	-0.1723
20	-0.0603	71	-0.2483	125	-0.1533
21	-0.0483	72	-0.2353	126	-0.1293
22	-0.0473	73	-0.2683	127	-0.1463
23	-0.0473	74	-0.4083	128	-0.1473
24	-0.0393	75	-0.5473	129	-0.2103
25	-0.0423	76	-0.5103	135	-0.1423
26	-0.0423	77	-0.4963	136	-0.1443
27	-0.0743	78	-0.4843	137	-0.1503
28	-0.1803	79	-0.4663	138	-0.0193
29	-0.2683	80	-0.4333	139	-0.0033
30	-0.0833	81	-0.4273	140	-0.0053
32	-0.0923	82	-0.4693	141	0.0937
33	-0.0933	83	-0.4323	142	0.0977
34	-0.0973	84	-0.5653	143	0.0947
35	-0.0963	85	-0.5643	145	-0.1383
36	-0.0873	86	-0.5523	147	0.0877
37	-0.0913	87	-0.5353	151	0.0967
38	-0.0903	88	-0.5153	152	-0.1293
39	-0.1053	89	-0.4903	153	-0.2243
40	-0.1383	90	-0.5533	154	-0.2783
41	-0.2293	91	-0.5623	155	-0.0103
42	-0.2913	92	-0.5433	156	-0.0443
43	-0.2033	93	-0.5513	157	-0.1583
44	-0.1583	94	-0.5733	158	0.1427
45	-0.1483	95	-0.5163	159	0.0207
46	-0.1443	96	0.0097	160	-0.0383
47	-0.1433	97	-0.2533	161	-0.1393
48	-0.1373	98	0.2397	162	0.1547
49	-0.1433	99	0.3237	163	0.0627
50	-0.1533	100	-0.0613	164	-0.0083
51	-0.1853	101	-0.2723	165	-0.1173

ORF	CP	ORF	CP	ORF	CP
166	0.2467	217	-0.4763	268	-0.1483
167	0.1517	218	-0.4193	269	0.0457
168	0.1177	219	-0.1563	270	0.0937
169	0.0157	220	0.1097	271	-0.2593
170	0.1267	221	-0.5493	272	-0.1833
171	0.0257	222	-0.2383	273	0.0527
172	-0.1283	223	-0.1423	274	0.0817
173	-0.0103	224	-0.1623	275	0.1617
174	-0.1123	225	0.4807	276	0.2877
175	-0.2453	226	0.3587	277	0.1797
176	-0.3803	227	-0.7283	278	-0.4733
177	-0.1783	228	-0.7033	279	-0.3963
178	-0.1833	229	-0.6793	280	-0.2973
179	-0.1393	230	-0.6283	281	-0.1193
180	-0.3723	231	-0.5303	282	-0.0473
181	0.2047	232	-0.3993	283	-0.0403
182	0.3367	233	-0.0803	284	-0.0323
183	0.2437	234	0.1567	285	-0.0293
184	0.3627	235	-0.1203	286	-0.2713
185	0.4047	236	-0.3343	287	-0.2233
186	0.4217	237	-0.4123	288	0.0627
187	0.4107	238	-0.3913	289	0.1247
188	0.4327	239	0.3707	290	0.0907
189	0.4437	240	0.3027	291	-0.5613
190	-0.3633	241	-0.7233	292	0.4597
191	-0.3933	242	-0.6453	325	0.1427
192	-0.3623	244	-0.5393	326	0.1427
193	-0.3633	245	-0.4853	327	0.1377
194	-0.3663	246	-0.3973	328	0.1377
195	-0.3853	247	0.0157	329	0.1427
196	-0.3903	248	0.1077	330	0.1417
197	-0.3673	249	-0.2043	331	0.1427
198	-0.3673	250	-0.2713	332	0.1397
199	-0.3673	251	-0.2443	333	0.1397
200	-0.3873	252	-0.0553	334	0.1457
201	-0.3703	253	0.3147	335	0.1437
202	-0.3653	254	0.1757	336	0.1427
203	-0.3673	255	-0.7183	337	0.1437
204	-0.3703	256	-0.6643	338	0.1417
205	0.1217	257	-0.6073	339	0.1397
206	0.1447	258	-0.4103	340	0.1377
207	0.1397	259	-0.2023	341	0.1417
208	0.1157	260	-0.1093	350	0.1257
210	0.5497	261	-0.0403	351	0.1277
211	0.5287	262	0.0047	352	0.1267
212	0.4157	263	-0.3043	353	0.1277
213	-0.5693	264	-0.1553	354	0.1257
214	-0.5873	265	0.0267	355	0.1257
215	-0.5623	266	0.0777		
216	-0.5073	267	-0.2643		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1220
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.202
TUNNEL DYNAMIC PRESSURE(PSF) = 790.
TUNNEL STAGNATION PRESSURE(PSF) = 1900.
TUNNEL STATIC PRESSURE(PSF) = 782.
REYNOLDS NUMBER PER FOOT = 3.9670E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = -0.57
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0891
247	1.0901
347	1.0901
447	1.0901
547	1.1041
647	1.1041
747	1.1041

ORF	CP	ORF	CP	ORF	CP
1	0.1331	52	-0.1589	102	-0.1979
2	-0.2079	53	-0.2899	103	-0.5959
3	-0.3019	54	-0.2479	104	-0.5919
4	-0.1419	55	-0.5029	105	-0.4979
5	-0.0979	56	-0.4249	110	-0.0839
6	-0.0919	57	-0.3099	111	-0.0839
7	-0.0919	58	-0.1839	112	-0.0749
8	-0.0949	59	-0.1239	113	-0.1219
9	-0.0839	60	-0.0899	114	0.1381
10	-0.0669	61	-0.0909	115	0.1341
11	-0.0449	62	-0.1089	116	0.1351
12	-0.0189	63	-0.1489	117	0.1361
13	-0.0179	64	-0.3759	118	0.1351
14	-0.1299	65	-0.3509	119	0.1321
15	-0.2329	66	-0.5179	120	-0.1369
16	-0.0879	67	-0.4659	121	0.1361
17	-0.1349	68	-0.4069	122	0.1421
18	-0.1209	69	-0.3369	123	0.1401
19	-0.1219	70	-0.2419	124	-0.1179
20	-0.1089	71	-0.1599	125	-0.0919
21	-0.1099	72	-0.1209	126	-0.0699
22	-0.0949	73	-0.1259	127	-0.0899
23	-0.0849	74	-0.3289	128	-0.0749
24	-0.0779	75	-0.5189	129	-0.1669
25	-0.0619	76	-0.4739	135	-0.0749
26	-0.0509	77	-0.4169	136	-0.0759
27	-0.0719	78	-0.3629	137	-0.0729
28	-0.1779	79	-0.3159	138	0.0341
29	-0.2699	80	-0.2769	139	0.0381
30	-0.1339	81	-0.2919	140	0.0341
32	-0.1289	82	-0.3409	141	0.0971
33	-0.1239	83	-0.4289	142	0.0991
34	-0.1209	84	-0.5029	143	0.0941
35	-0.1119	85	-0.4489	145	-0.0749
36	-0.0859	86	-0.3999	147	0.0971
37	-0.0739	87	-0.3409	151	0.1051
38	-0.0679	88	-0.2979	152	-0.1139
39	-0.0789	89	-0.3489	153	-0.2249
40	-0.1129	90	-0.5499	154	-0.3129
41	-0.2029	91	-0.5079	155	0.0121
42	-0.2329	92	-0.4369	156	0.0311
43	-0.3959	93	-0.4069	157	-0.0969
44	-0.2429	94	-0.4059	158	0.2031
45	-0.1559	95	-0.4519	159	0.1181
46	-0.1359	96	-0.0749	160	0.0561
47	-0.1149	97	-0.2299	161	-0.0639
48	-0.0969	98	0.2671	162	0.2641
49	-0.0909	99	0.3091	163	0.1631
50	-0.0919	100	-0.0959	164	0.0381
51	-0.1129	101	-0.2369	165	-0.0409

ORF	CP	ORF	CP	ORF	CP
166	0.3631	217	-0.3989	268	-0.1119
167	0.2611	218	-0.1489	269	0.1271
168	0.2391	219	0.0561	270	0.1541
169	0.1531	220	0.0931	271	-0.2059
170	0.2891	221	-0.5319	272	-0.1409
171	0.1821	222	-0.3139	273	0.1341
172	0.0101	223	-0.1169	274	0.1731
173	0.0351	224	-0.1339	275	0.3661
174	-0.0649	225	0.4021	276	0.3461
175	-0.2439	226	0.2721	277	0.2261
176	-0.3659	227	-0.7449	278	-0.6279
177	-0.1199	228	-0.7059	279	-0.5699
178	-0.2019	229	-0.6709	280	-0.4679
179	-0.1459	230	-0.5719	281	-0.2729
180	-0.3689	231	-0.2699	282	-0.0839
181	0.1991	232	-0.0759	283	-0.0759
182	0.3581	233	0.0411	284	-0.0389
183	0.3241	234	0.1051	285	-0.0019
184	0.4771	235	-0.1689	286	-0.2149
185	0.5271	236	-0.3119	287	-0.1869
186	0.5721	237	-0.3339	288	0.1311
187	0.6701	238	-0.2539	289	0.2141
188	0.7461	239	0.4241	290	0.1561
189	0.8481	240	0.3371	291	-0.5489
190	-0.3719	241	-0.7119	292	0.3741
191	-0.3879	242	-0.6279	325	0.1581
192	-0.3759	244	-0.3969	326	0.1571
193	-0.3719	245	-0.3589	327	0.1611
194	-0.3739	246	-0.2499	328	0.1611
195	-0.3759	247	-0.0119	329	0.1611
196	-0.3919	248	0.0751	330	0.1611
197	-0.3749	249	-0.1589	331	0.1591
198	-0.3719	250	-0.2179	332	0.1611
199	-0.3769	251	-0.1349	333	0.1621
200	-0.3739	252	-0.0149	334	0.1631
201	-0.3729	253	0.4231	335	0.1621
202	-0.3669	254	0.2791	336	0.1591
203	-0.3639	255	-0.7419	337	0.1591
204	-0.3629	256	-0.6939	338	0.1581
205	0.2481	257	-0.6589	339	0.1601
206	0.2811	258	-0.5439	340	0.1621
207	0.2651	259	-0.1529	341	0.1611
208	0.2591	260	-0.0479	350	0.1331
210	0.4791	261	-0.0359	351	0.1361
211	0.4581	262	0.0361	352	0.1331
212	0.3481	263	-0.3229	353	0.1271
213	-0.5769	264	-0.1149	354	0.1371
214	-0.5769	265	0.1251	355	0.1331
215	-0.5389	266	0.1561		
216	-0.4639	267	-0.2399		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1221
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 788.
TUNNEL STAGNATION PRESSURE(PSF) = 1899.
TUNNEL STATIC PRESSURE(PSF) = 787.
REYNOLDS NUMBER PER FOOT = 3.9580E 06
MODEL ANGLE OF ATTACK(DEG) = -6.00
FIN ANGLE(DEG) = -0.46
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0863
247	1.0863
347	1.0863
447	1.0873
547	1.0783
647	1.0783
747	1.0783

ORF	CP	ORF	CP	ORF	CP
1	0.1793	52	-0.0857	102	-0.1597
2	-0.1797	53	-0.2267	103	-0.5737
3	-0.3017	54	-0.2137	104	-0.5587
4	-0.1467	55	-0.4227	105	-0.4547
5	-0.1267	56	-0.2697	110	-0.1087
6	-0.1377	57	-0.1937	111	-0.1047
7	-0.1267	58	-0.1487	112	-0.0957
8	-0.1047	59	-0.1127	113	-0.1417
9	-0.0687	60	-0.0727	114	0.1423
10	-0.0387	61	-0.0507	115	0.1413
11	-0.0137	62	-0.0527	116	0.1423
12	0.0013	63	-0.0767	117	0.1423
13	0.0053	64	-0.3107	118	0.1423
14	-0.1027	65	-0.2967	119	0.1423
15	-0.1917	66	-0.5197	120	-0.1397
16	-0.0627	67	-0.3017	121	0.1343
17	-0.1717	68	-0.2117	122	0.1443
18	-0.1397	69	-0.1557	123	0.1453
19	-0.1427	70	-0.1017	124	-0.1157
20	-0.1487	71	-0.0617	125	-0.0917
21	-0.1407	72	-0.0537	126	-0.0687
22	-0.1107	73	-0.0797	127	-0.0857
23	-0.0847	74	-0.2887	128	-0.0747
24	-0.0517	75	-0.6277	129	-0.1657
25	-0.0307	76	-0.3337	135	-0.0777
26	-0.0207	77	-0.1907	136	-0.0727
27	-0.0367	78	-0.1237	137	-0.0787
28	-0.1397	79	-0.0777	138	0.0253
29	-0.2097	80	-0.0657	139	0.0283
30	-0.1267	81	-0.1327	140	0.0303
32	-0.1547	82	-0.2357	141	0.0913
33	-0.1607	83	-0.5257	142	0.0863
34	-0.1367	84	-0.4287	143	0.0843
35	-0.1127	85	-0.2257	145	-0.0737
36	-0.0797	86	-0.1347	147	0.0873
37	-0.0537	87	-0.0197	151	0.1473
38	-0.0347	88	-0.0347	152	-0.0807
39	-0.0317	89	-0.2427	153	-0.1987
40	-0.0617	90	-0.6917	154	-0.3067
41	-0.1497	91	-0.4757	155	0.0413
42	-0.1887	92	-0.1867	156	0.0893
43	-0.2947	93	-0.0907	157	-0.0317
44	-0.2037	94	-0.0617	158	0.2493
45	-0.1767	95	-0.2607	159	0.1763
46	-0.1467	96	-0.0537	160	0.1143
47	-0.1137	97	-0.2197	161	-0.0097
48	-0.0747	98	0.2473	162	0.2873
49	-0.0537	99	0.2863	163	0.1973
50	-0.0397	100	-0.1077	164	0.0293
51	-0.0477	101	-0.1907	165	-0.0127

ORF	CP	ORF	CP	ORF	CP
166	0.3863	217	-0.2967	268	-0.1297
167	0.2583	218	-0.0727	269	0.1493
168	0.2453	219	0.0273	270	0.1833
169	0.1463	220	0.0693	271	-0.1737
170	0.3133	221	-0.5007	272	-0.1497
171	0.1903	222	-0.3107	273	0.1493
172	0.0153	223	-0.0847	274	0.1933
173	0.0623	224	-0.1117	275	0.3803
174	-0.0317	225	0.3753	276	0.3793
175	-0.2127	226	0.2453	277	0.2543
176	-0.3327	227	-0.7557	278	-0.6447
177	-0.0687	228	-0.7087	279	-0.5877
178	-0.1337	229	-0.6637	280	-0.4997
179	-0.1127	230	-0.5287	281	-0.2787
180	-0.3747	231	-0.1527	282	-0.1137
181	0.3013	232	-0.0777	283	-0.1277
182	0.4553	233	0.0223	284	-0.0517
183	0.3803	234	0.0783	285	0.0123
184	0.5103	235	-0.1447	286	-0.1787
185	0.5473	236	-0.2927	287	-0.1777
186	0.6173	237	-0.2657	288	0.1313
187	0.7133	238	-0.2047	289	0.2223
188	0.8103	239	0.4213	290	0.1803
189	0.8733	240	0.3383	291	-0.5767
190	-0.3717	241	-0.7257	292	0.3073
191	-0.3807	242	-0.6417	325	0.1543
192	-0.3717	244	-0.4607	326	0.1543
193	-0.3747	245	-0.3247	327	0.1563
194	-0.3777	246	-0.1297	328	0.1563
195	-0.3717	247	0.0183	329	0.1543
196	-0.3877	248	0.0973	330	0.1523
197	-0.3767	249	-0.1357	331	0.1553
198	-0.3777	250	-0.1657	332	0.1583
199	-0.3847	251	-0.0987	333	0.1583
200	-0.3727	252	0.0173	334	0.1553
201	-0.3747	253	0.4653	335	0.1533
202	-0.3707	254	0.3333	336	0.1553
203	-0.3707	255	-0.7347	337	0.1553
204	-0.3717	256	-0.6797	338	0.1543
205	0.2863	257	-0.6347	339	0.1563
206	0.3153	258	-0.5417	340	0.1563
207	0.3163	259	-0.2577	341	0.1543
208	0.2973	260	-0.1237	350	0.1453
210	0.4503	261	-0.0297	351	0.1463
211	0.4263	262	0.0623	352	0.1453
212	0.3083	263	-0.2727	353	0.1433
213	-0.5927	264	-0.1097	354	0.1463
214	-0.5937	265	0.1213	355	0.1473
215	-0.5447	266	0.1833		
216	-0.4577	267	-0.2007		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1222
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 793.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 792.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0743
247	1.0743
347	1.0733
447	1.0753
547	1.0733
647	1.0733
747	1.0733

ORF	CP	ORF	CP	ORF	CP
1	0.2313	52	0.0143	102	-0.1317
2	-0.1427	53	-0.1517	103	-0.5447
3	-0.3057	54	-0.1877	104	-0.5227
4	-0.1807	55	-0.2217	105	-0.4137
5	-0.1447	56	-0.1537	110	-0.1407
6	-0.1377	57	-0.1287	111	-0.1397
7	-0.0987	58	-0.0597	112	-0.1247
8	-0.0537	59	0.0113	113	-0.1687
9	-0.0067	60	0.0643	114	0.1293
10	0.0183	61	0.0773	115	0.1293
11	0.0483	62	0.0633	116	0.1273
12	0.0613	63	0.0263	117	0.1273
13	0.0613	64	-0.2347	118	0.1273
14	-0.0497	65	-0.2327	119	0.1283
15	-0.1357	66	-0.3167	120	-0.1727
16	-0.0277	67	-0.1307	121	0.1153
17	-0.1587	68	-0.0867	122	0.1273
18	-0.1707	69	0.0073	123	0.1303
19	-0.1597	70	0.0653	124	-0.1417
20	-0.1557	71	0.0853	125	-0.1157
21	-0.1127	72	0.0753	126	-0.0887
22	-0.0437	73	0.0223	127	-0.0977
23	-0.0077	74	-0.2317	128	-0.0807
24	0.0203	75	-0.5037	129	-0.2027
25	0.0393	76	-0.0807	135	-0.0897
26	0.0483	77	0.0213	136	-0.0877
27	0.0343	78	0.0843	137	-0.0827
28	-0.0747	79	0.0933	138	0.0163
29	-0.1547	80	0.0793	139	0.0203
30	-0.0977	81	-0.0057	140	0.0143
32	-0.1677	82	-0.2157	141	0.0733
33	-0.1577	83	-0.4137	142	0.0743
34	-0.1027	84	-0.0947	143	0.0693
35	-0.0507	85	0.0723	145	-0.0897
36	-0.0037	86	0.1203	147	0.0793
37	0.0243	87	0.1173	151	0.1383
38	0.0423	88	0.0433	152	-0.0657
39	0.0443	89	-0.2287	153	-0.1667
40	0.0213	90	-0.4857	154	-0.3067
41	-0.0727	91	-0.1067	155	0.0573
42	-0.1607	92	0.0953	156	0.1843
43	-0.1637	93	0.1203	157	0.0363
44	-0.1637	94	0.0553	158	0.3483
45	-0.1577	95	-0.2427	159	0.2413
46	-0.1107	96	-0.0317	160	0.1703
47	-0.0337	97	-0.2147	161	0.0633
48	0.0133	98	0.2053	162	0.3203
49	0.0433	99	0.2453	163	0.2373
50	0.0563	100	-0.0657	164	0.0173
51	0.0473	101	-0.1577	165	0.0213

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1222
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 793.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 792.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0743
247	1.0743
347	1.0733
447	1.0753
547	1.0733
647	1.0733
747	1.0733

ORF	CP	ORF	CP	ORF	CP
1	0.2313	52	0.0143	102	-0.1317
2	-0.1427	53	-0.1517	103	-0.5447
3	-0.3057	54	-0.1877	104	-0.5227
4	-0.1807	55	-0.2217	105	-0.4137
5	-0.1447	56	-0.1537	110	-0.1407
6	-0.1377	57	-0.1287	111	-0.1397
7	-0.0987	58	-0.0597	112	-0.1247
8	-0.0537	59	0.0113	113	-0.1687
9	-0.0067	60	0.0643	114	0.1293
10	0.0183	61	0.0773	115	0.1293
11	0.0483	62	0.0633	116	0.1273
12	0.0613	63	0.0263	117	0.1273
13	0.0613	64	-0.2347	118	0.1273
14	-0.0497	65	-0.2327	119	0.1283
15	-0.1357	66	-0.3167	120	-0.1727
16	-0.0277	67	-0.1307	121	0.1153
17	-0.1587	68	-0.0867	122	0.1273
18	-0.1707	69	0.0073	123	0.1303
19	-0.1597	70	0.0653	124	-0.1417
20	-0.1557	71	0.0853	125	-0.1157
21	-0.1127	72	0.0753	126	-0.0887
22	-0.0437	73	0.0223	127	-0.0977
23	-0.0077	74	-0.2317	128	-0.0807
24	0.0203	75	-0.5037	129	-0.2027
25	0.0393	76	-0.0807	135	-0.0897
26	0.0483	77	0.0213	136	-0.0877
27	0.0343	78	0.0843	137	-0.0827
28	-0.0747	79	0.0933	138	0.0163
29	-0.1547	80	0.0793	139	0.0203
30	-0.0977	81	-0.0057	140	0.0143
32	-0.1677	82	-0.2157	141	0.0733
33	-0.1577	83	-0.4137	142	0.0743
34	-0.1027	84	-0.0947	143	0.0693
35	-0.0507	85	0.0723	145	-0.0897
36	-0.0037	86	0.1203	147	0.0793
37	0.0243	87	0.1173	151	0.1383
38	0.0423	88	0.0433	152	-0.0657
39	0.0443	89	-0.2287	153	-0.1667
40	0.0213	90	-0.4857	154	-0.3067
41	-0.0727	91	-0.1067	155	0.0573
42	-0.1607	92	0.0953	156	0.1843
43	-0.1637	93	0.1203	157	0.0363
44	-0.1637	94	0.0553	158	0.3483
45	-0.1577	95	-0.2427	159	0.2413
46	-0.1107	96	-0.0317	160	0.1703
47	-0.0337	97	-0.2147	161	0.0633
48	0.0133	98	0.2053	162	0.3203
49	0.0433	99	0.2453	163	0.2373
50	0.0563	100	-0.0657	164	0.0173
51	0.0473	101	-0.1577	165	0.0213

ORF	CP	ORF	CP	ORF	CP
166	0.4123	217	-0.0957	268	-0.1037
167	0.2543	218	0.0153	269	0.1973
168	0.2353	219	0.0543	270	0.2443
169	0.1293	220	0.0723	271	-0.1427
170	0.3153	221	-0.4587	272	-0.1397
171	0.1833	222	-0.2757	273	0.1733
172	0.0173	223	-0.0477	274	0.2323
173	0.0703	224	-0.0887	275	0.4193
174	-0.0177	225	0.3633	276	0.4283
175	-0.2067	226	0.2383	277	0.3033
176	-0.3187	227	-0.7397	278	-0.6417
177	-0.0497	228	-0.6807	279	-0.5867
178	-0.1167	229	-0.6147	280	-0.4697
179	-0.1167	230	-0.3637	281	-0.2727
180	-0.3777	231	-0.0687	282	-0.1497
181	0.3523	232	-0.0077	283	-0.1477
182	0.5193	233	0.0453	284	0.0133
183	0.4183	234	0.0803	285	0.0653
184	0.5503	235	-0.1287	286	-0.1517
185	0.5663	236	-0.2557	287	-0.1727
186	0.5823	237	-0.1807	288	0.1493
187	0.6343	238	-0.1687	289	0.2523
188	0.7203	239	0.3853	290	0.2293
189	0.7913	240	0.2923	291	-0.5867
190	-0.3747	241	-0.7317	292	0.2353
191	-0.3877	242	-0.6447	325	0.1493
192	-0.3737	244	-0.3727	326	0.1483
193	-0.3747	245	-0.1777	327	0.1503
194	-0.3777	246	-0.0557	328	0.1493
195	-0.3777	247	0.0453	329	0.1483
196	-0.3847	248	0.0973	330	0.1503
197	-0.3797	249	-0.0887	331	0.1513
198	-0.3807	250	-0.1327	332	0.1513
199	-0.3897	251	-0.0667	333	0.1503
200	-0.3787	252	0.0283	334	0.1503
201	-0.3747	253	0.4783	335	0.1523
202	-0.3707	254	0.3643	336	0.1503
203	-0.3737	255	-0.7147	337	0.1493
204	-0.3747	256	-0.6447	338	0.1493
205	0.3193	257	-0.5887	339	0.1503
206	0.3403	258	-0.4977	340	0.1503
207	0.3493	259	-0.3017	341	0.1483
208	0.3453	260	-0.0757	350	0.1273
210	0.4353	261	0.0313	351	0.1263
211	0.4133	262	0.1143	352	0.1263
212	0.3073	263	-0.1827	353	0.1273
213	-0.5887	264	-0.0817	354	0.1283
214	-0.5707	265	0.1743	355	0.1293
215	-0.5087	266	0.2383		
216	-0.3967	267	-0.1457		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1223
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.195
TUNNEL DYNAMIC PRESSURE(PSF) = 792.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 793.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -1.92
FIN ANGLE(DEG) = -0.36
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0737
247	1.0717
347	1.0717
447	1.0727
547	1.0707
647	1.0707
747	1.0707

ORF	CP	ORF	CP	ORF	CP
1	0.3027	52	0.0957	102	-0.1073
2	-0.0843	53	-0.0873	103	-0.5143
3	-0.3343	54	-0.2133	104	-0.4793
4	-0.2483	55	-0.0343	105	-0.3543
5	-0.1333	56	0.0457	110	-0.1433
6	-0.0263	57	0.1467	111	-0.1463
7	0.0527	58	0.1617	112	-0.1243
8	0.0897	59	0.1597	113	-0.1703
9	0.1057	60	0.1557	114	0.1377
10	0.1147	61	0.1507	115	0.1377
11	0.1217	62	0.1297	116	0.1377
12	0.1247	63	0.0787	117	0.1347
13	0.1167	64	-0.2113	118	0.1347
14	0.0007	65	-0.2183	119	0.1377
15	-0.0893	66	0.0417	120	-0.1713
16	0.0127	67	0.1617	121	0.1237
17	-0.1673	68	0.1607	122	0.1377
18	-0.2323	69	0.1747	123	0.1377
19	-0.1573	70	0.1527	124	-0.1313
20	0.0097	71	0.1497	125	-0.1023
21	0.0827	72	0.1267	126	-0.0713
22	0.1117	73	0.0697	127	-0.0913
23	0.1197	74	-0.2213	128	-0.0743
24	0.1287	75	0.1007	129	-0.1993
25	0.1317	76	0.1817	135	-0.0703
26	0.1297	77	0.1657	136	-0.0733
27	0.1047	78	0.1667	137	-0.0753
28	-0.0003	79	0.1447	138	0.0237
29	-0.1263	80	0.1007	139	0.0237
30	-0.0553	81	0.0077	140	0.0227
32	-0.1683	82	-0.2213	141	0.0877
33	-0.0333	83	0.0977	142	0.0877
34	0.0907	84	0.1607	143	0.0877
35	0.1257	85	0.1537	145	-0.0733
36	0.1427	86	0.1247	147	0.0867
37	0.1457	87	0.1017	151	0.1137
38	0.1387	88	0.0387	152	-0.0783
39	0.1317	89	-0.2353	153	-0.1753
40	0.1037	90	0.1117	154	-0.3603
41	0.0137	91	0.1427	155	0.1387
42	-0.1693	92	0.1167	156	0.2457
43	-0.0713	93	0.0877	157	0.0677
44	-0.0943	94	0.0397	158	0.4827
45	0.0097	95	-0.2313	159	0.3367
46	0.1157	96	-0.1213	160	0.2737
47	0.1407	97	-0.2213	161	0.1607
48	0.1457	98	0.1787	162	0.4167
49	0.1457	99	0.2367	163	0.3377
50	0.1457	100	0.0067	164	0.0337
51	0.1287	101	-0.1353	165	0.0947

ORF	CP	ORF	CP	ORF	CP
166	0.5137	217	-0.0173	268	-0.0943
167	0.3087	218	0.0697	269	0.2447
168	0.2857	219	0.0917	270	0.3147
169	0.1787	220	0.0987	271	-0.1153
170	0.2957	221	-0.4313	272	-0.1373
171	0.1947	222	-0.2603	273	0.2217
172	0.0127	223	-0.0073	274	0.2837
173	0.0747	224	-0.0543	275	0.4167
174	-0.0193	225	0.3737	276	0.4977
175	-0.2343	226	0.2547	277	0.3757
176	-0.3323	227	-0.6223	278	-0.6043
177	-0.0603	228	-0.5613	279	-0.5403
178	-0.1783	229	-0.4543	280	-0.4163
179	-0.1843	230	-0.2283	281	-0.3113
180	-0.3843	231	-0.0093	282	-0.1473
181	0.3707	232	0.0457	283	-0.0103
182	0.5307	233	0.0787	284	0.1077
183	0.5207	234	0.1017	285	0.1227
184	0.6677	235	-0.1033	286	-0.1273
185	0.6817	236	-0.2113	287	-0.1693
186	0.6637	237	-0.1393	288	0.1637
187	0.6747	238	-0.1383	289	0.2837
188	0.7077	239	0.3437	290	0.2617
189	0.7617	240	0.2567	291	-0.5303
190	-0.3793	241	-0.5263	292	0.1967
191	-0.3863	242	-0.4723	325	0.1467
192	-0.3753	244	-0.1753	326	0.1477
193	-0.3753	245	-0.0413	327	0.1487
194	-0.3813	246	0.0087	328	0.1467
195	-0.3753	247	0.0767	329	0.1477
196	-0.3803	248	0.1067	330	0.1467
197	-0.3783	249	-0.0363	331	0.1487
198	-0.3793	250	-0.0803	332	0.1487
199	-0.3853	251	-0.0453	333	0.1477
200	-0.3863	252	0.0267	334	0.1487
201	-0.3793	253	0.4277	335	0.1467
202	-0.3733	254	0.3347	336	0.1457
203	-0.3793	255	-0.7083	337	0.1477
204	-0.3783	256	-0.6283	338	0.1497
205	0.3287	257	-0.5503	339	0.1487
206	0.3487	258	-0.3853	340	0.1467
207	0.3587	259	-0.0773	341	0.1477
208	0.3717	260	0.0407	350	0.1387
210	0.4067	261	0.1017	351	0.1357
211	0.4407	262	0.1537	352	0.1357
212	0.3347	263	-0.1093	353	0.1367
213	-0.5633	264	-0.0603	354	0.1367
214	-0.5103	265	0.2057	355	0.1357
215	-0.4423	266	0.2817		
216	-0.2573	267	-0.1073		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1224
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 793.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 789.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.54
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0770
247	1.0760
347	1.0760
447	1.0770
547	1.0730
647	1.0730
747	1.0730

ORF	CP	ORF	CP	ORF	CP
1	0.3200	52	0.1460	102	-0.0820
2	-0.0530	53	-0.0350	103	-0.4520
3	-0.2940	54	-0.1900	104	-0.4300
4	-0.1110	55	0.2530	105	-0.2840
5	0.0670	56	0.2400	110	-0.1470
6	0.1170	57	0.2360	111	-0.1510
7	0.1510	58	0.2170	112	-0.1200
8	0.1530	59	0.2210	113	-0.1630
9	0.1680	60	0.2260	114	0.1400
10	0.1680	61	0.2110	115	0.1390
11	0.1710	62	0.1830	116	0.1390
12	0.1610	63	0.1400	117	0.1400
13	0.1490	64	-0.1780	118	0.1390
14	0.0300	65	-0.1830	119	0.1390
15	-0.0520	66	0.2600	120	-0.1630
16	0.0520	67	0.2450	121	0.1290
17	-0.1030	68	0.2490	122	0.1400
18	-0.0480	69	0.2470	123	0.1390
19	0.0890	70	0.2300	124	-0.1060
20	0.1570	71	0.2120	125	-0.0870
21	0.1700	72	0.1830	126	-0.0580
22	0.1640	73	0.1240	127	-0.0730
23	0.1790	74	-0.1920	128	-0.0640
24	0.1790	75	0.2800	129	-0.1900
25	0.1790	76	0.2760	135	-0.0650
26	0.1740	77	0.2570	136	-0.0620
27	0.1530	78	0.2400	137	-0.0680
28	0.0450	79	0.2010	138	0.0220
29	-0.0970	80	0.1480	139	0.0220
30	0.0060	81	0.0550	140	0.0300
32	0.1230	82	-0.2020	141	0.0970
33	0.1870	83	0.2690	142	0.0940
34	0.1880	84	0.2650	143	0.0920
35	0.1880	85	0.2230	145	-0.0600
36	0.1840	86	0.1690	147	0.0950
37	0.1850	87	0.1400	151	0.1120
38	0.1840	88	0.0780	152	-0.0890
39	0.1850	89	-0.2160	153	-0.1830
40	0.1550	90	0.2470	154	-0.3490
41	0.0670	91	0.1820	155	0.1980
42	-0.1500	92	0.1500	156	0.2580
43	0.0870	93	0.1270	157	0.0920
44	0.1980	94	0.0800	158	0.5380
45	0.2120	95	-0.2250	159	0.3810
46	0.2100	96	-0.2630	160	0.3390
47	0.2050	97	-0.1870	161	0.2470
48	0.1980	98	0.2180	162	0.5000
49	0.2020	99	0.2460	163	0.4200
50	0.2020	100	0.0580	164	0.0360
51	0.1880	101	-0.1050	165	0.1620

ORF	CP	ORF	CP	ORF	CP
166	0.5580	217	-0.0930	268	-0.0460
167	0.4070	218	0.1030	269	0.2740
168	0.3660	219	0.1720	270	0.3520
169	0.2540	220	0.1950	271	-0.0890
170	0.2300	221	-0.4280	272	-0.1140
171	0.3030	222	-0.2070	273	0.2620
172	0.1020	223	0.0450	274	0.3250
173	0.1260	224	0.0020	275	0.4380
174	0.0150	225	0.4540	276	0.5210
175	-0.1800	226	0.3340	277	0.4030
176	-0.3400	227	-0.7050	278	-0.5670
177	-0.0740	228	-0.6410	279	-0.4820
178	-0.1960	229	-0.5510	280	-0.3920
179	-0.1960	230	-0.3060	281	-0.2330
180	-0.3790	231	0.0220	282	0.0220
181	0.4370	232	0.1050	283	0.1250
182	0.5660	233	0.1610	284	0.1660
183	0.6000	234	0.1970	285	0.1660
184	0.8220	235	-0.0280	286	-0.0970
185	0.8630	236	-0.1680	287	-0.1390
186	0.8910	237	-0.1270	288	0.2050
187	0.9650	238	-0.1020	289	0.3400
188	1.0490	239	0.3770	290	0.2890
189	1.1210	240	0.2960	291	-0.3860
190	-0.3720	241	-0.3720	292	0.1820
191	-0.3760	242	-0.3510	325	0.1530
192	-0.3720	244	-0.0890	326	0.1540
193	-0.3750	245	0.0360	327	0.1530
194	-0.3750	246	0.0810	328	0.1520
195	-0.3720	247	0.1410	329	0.1540
196	-0.3770	248	0.1640	330	0.1520
197	-0.3720	249	0.0390	331	0.1560
198	-0.3730	250	-0.0130	332	0.1550
199	-0.3760	251	-0.0160	333	0.1530
200	-0.3750	252	0.0410	334	0.1550
201	-0.3760	253	0.4080	335	0.1540
202	-0.3680	254	0.3110	336	0.1530
203	-0.3700	255	-0.6060	337	0.1530
204	-0.3720	256	-0.5330	338	0.1540
205	0.3430	257	-0.4340	339	0.1520
206	0.3700	258	-0.1610	340	0.1530
207	0.3660	259	0.0560	341	0.1530
208	0.3690	260	0.1040	350	0.1390
210	0.4760	261	0.1480	351	0.1400
211	0.5450	262	0.1840	352	0.1390
212	0.4280	263	-0.0310	353	0.1360
213	-0.5350	264	-0.0070	354	0.1400
214	-0.5050	265	0.2560	355	0.1390
215	-0.4440	266	0.3200		
216	-0.3310	267	-0.0410		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1225
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 798.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 793.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = 2.08
FIN ANGLE(DEG) = -0.65
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0663
247	1.0663
347	1.0663
447	1.0663
547	1.0643
647	1.0653
747	1.0653

ORF	CP	ORF	CP	ORF	CP
1	0.3233	52	0.1953	102	-0.0567
2	-0.0337	53	0.0103	103	-0.4557
3	-0.1617	54	-0.1547	104	-0.4267
4	0.0503	55	0.3103	105	-0.2767
5	0.1203	56	0.2943	110	-0.1637
6	0.1593	57	0.3033	111	-0.1777
7	0.1763	58	0.3053	112	-0.1417
8	0.1903	59	0.3043	113	-0.1887
9	0.2003	60	0.2923	114	0.1183
10	0.2073	61	0.2733	115	0.1193
11	0.2113	62	0.2453	116	0.1183
12	0.2103	63	0.1953	117	0.1183
13	0.1843	64	-0.1547	118	0.1183
14	0.0653	65	-0.1507	119	0.1153
15	-0.0087	66	0.3753	120	-0.1737
16	0.0683	67	0.3503	121	0.1063
17	0.0103	68	0.3313	122	0.1183
18	0.1003	69	0.3173	123	0.1163
19	0.1633	70	0.2933	124	-0.1167
20	0.1823	71	0.2813	125	-0.0987
21	0.1923	72	0.2443	126	-0.0587
22	0.2073	73	0.1693	127	-0.0787
23	0.2153	74	-0.1697	128	-0.0777
24	0.2233	75	0.4123	129	-0.2117
25	0.2223	76	0.3783	135	-0.0667
26	0.2113	77	0.3433	136	-0.0697
27	0.1843	78	0.3083	137	-0.0757
28	0.0733	79	0.2583	138	0.0013
29	-0.0507	80	0.1903	139	0.0093
30	0.1013	81	0.0813	140	0.0093
32	0.2073	82	-0.1937	141	0.0803
33	0.2133	83	0.3703	142	0.0733
34	0.2183	84	0.3433	143	0.0753
35	0.2253	85	0.2793	145	-0.0747
36	0.2423	86	0.2023	147	0.0803
37	0.2433	87	0.1523	151	0.1083
38	0.2423	88	0.0843	152	-0.0667
39	0.2263	89	-0.2127	153	-0.1917
40	0.1973	90	0.3243	154	-0.3247
41	0.1093	91	0.1873	155	0.2743
42	-0.1167	92	0.1683	156	0.2423
43	0.2383	93	0.1353	157	0.0863
44	0.2533	94	0.0813	158	0.5883
45	0.2493	95	-0.2197	159	0.3733
46	0.2653	96	-0.3497	160	0.3583
47	0.2663	97	-0.1517	161	0.2613
48	0.2743	98	0.2223	162	0.5123
49	0.2673	99	0.2453	163	0.4333
50	0.2613	100	0.0543	164	0.0003
51	0.2383	101	-0.0917	165	0.1753

ORF	CP	ORF	CP	ORF	CP
166	0.5713	217	-0.2617	268	-0.0077
167	0.4393	218	0.0543	269	0.3083
168	0.3853	219	0.2463	270	0.4103
169	0.2623	220	0.2593	271	-0.0717
170	0.2843	221	-0.4187	272	-0.0907
171	0.3853	222	-0.1677	273	0.2973
172	0.1543	223	0.0643	274	0.3673
173	0.1933	224	0.0263	275	0.4923
174	0.1013	225	0.5083	276	0.5243
175	-0.0757	226	0.3863	277	0.4073
176	-0.3117	227	-0.7027	278	-0.5257
177	-0.0767	228	-0.6327	279	-0.4377
178	-0.1897	229	-0.5607	280	-0.3267
179	-0.1367	230	-0.3787	281	-0.1317
180	-0.3867	231	-0.0307	282	0.0983
181	0.4093	232	0.1173	283	0.1523
182	0.5793	233	0.2233	284	0.2093
183	0.6113	234	0.2563	285	0.1973
184	0.9153	235	0.0073	286	-0.0857
185	1.0193	236	-0.1457	287	-0.1147
186	1.0363	237	-0.1427	288	0.2463
187	1.1303	238	-0.0977	289	0.3753
188	1.2143	239	0.4313	290	0.3203
189	1.2153	240	0.3393	291	-0.3107
190	-0.3767	241	-0.4817	292	0.1343
191	-0.3817	242	-0.4127	325	0.1363
192	-0.3777	244	-0.1207	326	0.1373
193	-0.3757	245	0.0383	327	0.1383
194	-0.3747	246	0.1043	328	0.1393
195	-0.3737	247	0.1853	329	0.1383
196	-0.3877	248	0.2063	330	0.1393
197	-0.3787	249	0.0773	331	0.1383
198	-0.3827	250	0.0223	332	0.1393
199	-0.3867	251	0.0133	333	0.1393
200	-0.3747	252	0.0593	334	0.1373
201	-0.3737	253	0.4003	335	0.1403
202	-0.3717	254	0.2973	336	0.1363
203	-0.3747	255	-0.4987	337	0.1363
204	-0.3787	256	-0.3917	338	0.1353
205	0.3503	257	-0.3357	339	0.1393
206	0.3993	258	-0.1067	340	0.1383
207	0.3863	259	0.0573	341	0.1383
208	0.3733	260	0.1253	350	0.1193
210	0.5113	261	0.1833	351	0.1173
211	0.5953	262	0.2073	352	0.1173
212	0.4783	263	0.0153	353	0.1183
213	-0.5287	264	0.0363	354	0.1183
214	-0.4967	265	0.2853	355	0.1183
215	-0.4277	266	0.3503		
216	-0.3387	267	-0.0037		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1226
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 795.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.82
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0635
247	1.0635
347	1.0635
447	1.0645
547	1.0625
647	1.0615
747	1.0615

ORF	CP	ORF	CP	ORF	CP
1	0.3215	52	0.2395	102	-0.0315
2	0.0355	53	0.0335	103	-0.4385
3	0.0275	54	-0.1225	104	-0.3995
4	0.1195	55	0.4205	105	-0.2595
5	0.1575	56	0.3945	110	-0.1515
6	0.1925	57	0.3845	111	-0.1745
7	0.2225	58	0.3785	112	-0.1335
8	0.2405	59	0.3645	113	-0.1775
9	0.2485	60	0.3485	114	0.1145
10	0.2625	61	0.3175	115	0.1145
11	0.2645	62	0.2805	116	0.1135
12	0.2545	63	0.2265	117	0.1165
13	0.2315	64	-0.1385	118	0.1155
14	0.1065	65	-0.1245	119	0.1155
15	0.0365	66	0.4625	120	-0.1615
16	0.1755	67	0.4235	121	0.1025
17	0.1545	68	0.3995	122	0.1155
18	0.1755	69	0.3665	123	0.1155
19	0.2045	70	0.3425	124	-0.1035
20	0.2305	71	0.3195	125	-0.0855
21	0.2465	72	0.2735	126	-0.0475
22	0.2635	73	0.1925	127	-0.0665
23	0.2755	74	-0.1505	128	-0.0765
24	0.2785	75	0.4815	129	-0.1975
25	0.2755	76	0.4305	135	-0.0665
26	0.2595	77	0.3925	136	-0.0725
27	0.2255	78	0.3495	137	-0.0755
28	0.1105	79	0.2965	138	0.0165
29	0.0015	80	0.2245	139	0.0145
30	0.2345	81	0.0985	140	0.0215
32	0.2555	82	-0.1805	141	0.0865
33	0.2715	83	0.4375	142	0.0795
34	0.2865	84	0.4015	143	0.0875
35	0.2975	85	0.3285	145	-0.0665
36	0.3065	86	0.2485	147	0.0865
37	0.3025	87	0.1795	151	0.1495
38	0.2905	88	0.0885	152	-0.0185
39	0.2745	89	-0.2105	153	-0.1565
40	0.2395	90	0.3935	154	-0.2985
41	0.1445	91	0.2305	155	0.3225
42	-0.0545	92	0.1695	156	0.2755
43	0.3455	93	0.1315	157	0.1125
44	0.3285	94	0.0715	158	0.5795
45	0.3345	95	-0.2305	159	0.3975
46	0.3475	96	-0.3355	160	0.3665
47	0.3495	97	-0.1185	161	0.2675
48	0.3415	98	-0.1085	162	0.5075
49	0.3305	99	0.2615	163	0.4235
50	0.3095	100	0.0835	164	0.0125
51	0.2835	101	-0.0755	165	0.1785

ORF	CP	ORF	CP	ORF	CP
166	0.5105	217	-0.2955	268	0.0325
167	0.4345	218	0.0465	269	0.3395
168	0.3745	219	0.2985	270	0.4405
169	0.2385	220	0.3085	271	-0.0425
170	0.3435	221	-0.4015	272	-0.0335
171	0.3805	222	-0.1335	273	0.3645
172	0.1545	223	0.0935	274	0.4155
173	0.2575	224	0.0495	275	0.4825
174	0.1545	225	0.5575	276	0.4745
175	-0.0125	226	0.4355	277	0.3805
176	-0.2815	227	-0.6985	278	-0.3245
177	-0.0325	228	-0.6275	279	-0.2905
178	-0.1335	229	-0.5565	280	-0.1085
179	-0.0505	230	-0.4035	281	0.0235
180	-0.3855	231	-0.2325	282	0.1535
181	0.3675	232	0.1175	283	0.1985
182	0.5305	233	0.2905	284	0.2585
183	0.5955	234	0.3075	285	0.2385
184	0.8615	235	0.0405	286	-0.0565
185	0.9665	236	-0.1235	287	-0.0455
186	1.0555	237	-0.1235	288	0.3415
187	1.1685	238	-0.0715	289	0.3985
188	1.2575	239	0.4885	290	0.3455
189	1.2825	240	0.3935	291	-0.4405
190	-0.3725	241	-0.6725	292	0.0885
191	-0.3795	242	-0.5785	325	0.1255
192	-0.3785	244	-0.1495	326	0.1245
193	-0.3745	245	0.0105	327	0.1265
194	-0.3795	246	0.1205	328	0.1255
195	-0.3735	247	0.2415	329	0.1275
196	-0.3765	248	0.2665	330	0.1265
197	-0.3745	249	0.1185	331	0.1245
198	-0.3785	250	0.0525	332	0.1275
199	-0.3825	251	0.0545	333	0.1275
200	-0.3735	252	0.1065	334	0.1285
201	-0.3765	253	0.4565	335	0.1265
202	-0.3715	254	0.3355	336	0.1265
203	-0.3755	255	-0.4115	337	0.1265
204	-0.3735	256	-0.3385	338	0.1245
205	0.3505	257	-0.2315	339	0.1265
206	0.4085	258	-0.0615	340	0.1265
207	0.3905	259	0.0855	341	0.1285
208	0.3685	260	0.1645	350	0.1135
210	0.5575	261	0.2365	351	0.1125
211	0.6295	262	0.2525	352	0.1155
212	0.5095	263	0.0585	353	0.1155
213	-0.5245	264	0.0765	354	0.1135
214	-0.4945	265	0.3205	355	0.1135
215	-0.4415	266	0.3755		
216	-0.3435	267	0.0365		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1227
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 795.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = 5.98
FIN ANGLE(DEG) = -0.69
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0635
247	1.0635
347	1.0635
447	1.0635
547	1.0615
647	1.0615
747	1.0615

ORF	CP	ORF	CP	ORF	CP
1	0.4025	52	0.2835	102	0.0005
2	0.1195	53	0.0615	103	-0.3885
3	0.0865	54	-0.0875	104	-0.3635
4	0.1795	55	0.5375	105	-0.2175
5	0.2365	56	0.4935	110	-0.1545
6	0.2645	57	0.4775	111	-0.1775
7	0.2965	58	0.4565	112	-0.1275
8	0.3155	59	0.4335	113	-0.1725
9	0.3335	60	0.4075	114	0.1015
10	0.3405	61	0.3715	115	0.1015
11	0.3375	62	0.3255	116	0.1015
12	0.3285	63	0.2575	117	0.1015
13	0.2965	64	-0.1185	118	0.1015
14	0.1605	65	-0.0975	119	0.1015
15	0.0795	66	0.5585	120	-0.1665
16	0.2415	67	0.5065	121	0.0915
17	0.2265	68	0.4655	122	0.1055
18	0.2615	69	0.4305	123	0.1025
19	0.2955	70	0.3975	124	-0.1165
20	0.3135	71	0.3595	125	-0.0955
21	0.3405	72	0.3095	126	-0.0595
22	0.3525	73	0.2185	127	-0.0775
23	0.3545	74	-0.1225	128	-0.0845
24	0.3535	75	0.5595	129	-0.2015
25	0.3475	76	0.4935	135	-0.0715
26	0.3305	77	0.4445	136	-0.0765
27	0.2935	78	0.3935	137	-0.0825
28	0.1695	79	0.3355	138	0.0085
29	0.0405	80	0.2565	139	0.0095
30	0.3335	81	0.1185	140	0.0095
32	0.3455	82	-0.1655	141	0.0785
33	0.3785	83	0.4985	142	0.0755
34	0.3895	84	0.4585	143	0.0735
35	0.3885	85	0.3725	145	-0.0795
36	0.3845	86	0.2795	147	0.0805
37	0.3805	87	0.1935	151	0.1965
38	0.3645	88	0.0925	152	0.0235
39	0.3435	89	-0.2055	153	-0.1065
40	0.3025	90	0.4415	154	-0.2785
41	0.1985	91	0.2575	155	0.3525
42	-0.0245	92	0.1635	156	0.3235
43	0.4615	93	0.1015	157	0.1575
44	0.4415	94	0.0465	158	0.6415
45	0.4395	95	-0.2295	159	0.4425
46	0.4415	96	-0.3905	160	0.4205
47	0.4325	97	-0.0925	161	0.3175
48	0.4145	98	-0.1815	162	0.5665
49	0.3965	99	0.0075	163	0.4955
50	0.3735	100	0.1035	164	0.0055
51	0.3375	101	-0.0525	165	0.2325

ORF	CP	ORF	CP	ORF	CP
166	0.4905	217	-0.2835	268	0.0645
167	0.4785	218	0.0605	269	0.3915
168	0.4275	219	0.3515	270	0.4975
169	0.2825	220	0.3545	271	-0.0145
170	0.4855	221	-0.3685	272	-0.0085
171	0.3515	222	-0.1005	273	0.4125
172	0.1445	223	0.1255	274	0.4565
173	0.2615	224	0.0795	275	0.5375
174	0.1595	225	0.6035	276	0.5455
175	-0.0715	226	0.4785	277	0.4585
176	-0.2805	227	-0.6905	278	-0.2885
177	0.0105	228	-0.6235	279	-0.2105
178	-0.0925	229	-0.5525	280	-0.0665
179	-0.0175	230	-0.4085	281	0.0905
180	-0.3875	231	-0.2225	282	0.2235
181	0.4425	232	0.1775	283	0.2755
182	0.6155	233	0.3525	284	0.3385
183	0.4985	234	0.3625	285	0.3065
184	0.7065	235	0.0775	286	-0.0345
185	0.8635	236	-0.0925	287	-0.0215
186	1.0155	237	-0.0845	288	0.3695
187	1.1635	238	-0.0315	289	0.3885
188	1.2615	239	0.5405	290	0.3895
189	1.3075	240	0.4525	291	-0.6675
190	-0.3745	241	-0.6855	292	0.0445
191	-0.3725	242	-0.5795	325	0.1195
192	-0.3765	244	-0.2325	326	0.1185
193	-0.3775	245	0.0145	327	0.1175
194	-0.3855	246	0.1995	328	0.1165
195	-0.3685	247	0.3165	329	0.1165
196	-0.3775	248	0.3255	330	0.1165
197	-0.3815	249	0.1595	331	0.1205
198	-0.3855	250	0.0825	332	0.1195
199	-0.3795	251	0.0875	333	0.1175
200	-0.3695	252	0.1475	334	0.1185
201	-0.3705	253	0.5315	335	0.1175
202	-0.3745	254	0.4105	336	0.1165
203	-0.3755	255	-0.5185	337	0.1185
204	-0.3775	256	-0.4065	338	0.1185
205	0.3065	257	-0.2705	339	0.1175
206	0.3795	258	-0.0465	340	0.1165
207	0.3415	259	0.1365	341	0.1165
208	0.3235	260	0.2305	350	0.1005
210	0.6005	261	0.3065	351	0.1025
211	0.6655	262	0.3175	352	0.1025
212	0.5435	263	0.0995	353	0.1015
213	-0.5215	264	0.1055	354	0.0985
214	-0.4985	265	0.3645	355	0.1015
215	-0.4465	266	0.4275		
216	-0.3485	267	0.0775		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1228
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 796.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 7.93
FIN ANGLE(DEG) = -0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0633
247	1.0623
347	1.0623
447	1.0623
547	1.0603
647	1.0613
747	1.0603

ORF	CP	ORF	CP	ORF	CP
1	0.4713	52	0.3153	102	0.0173
2	0.1933	53	0.0793	103	-0.3677
3	0.2253	54	-0.0557	104	-0.3287
4	0.2813	55	0.6183	105	-0.2097
5	0.3263	56	0.5693	110	-0.1177
6	0.3623	57	0.5423	111	-0.1467
7	0.3903	58	0.5143	112	-0.0987
8	0.3973	59	0.4853	113	-0.1557
9	0.4003	60	0.4513	114	0.1003
10	0.4043	61	0.4093	115	0.1003
11	0.3963	62	0.3583	116	0.1013
12	0.3803	63	0.2803	117	0.0983
13	0.3463	64	-0.1037	118	0.0983
14	0.1993	65	-0.0707	119	0.0993
15	0.1153	66	0.6263	120	-0.1757
16	0.3663	67	0.5653	121	0.0883
17	0.3663	68	0.5203	122	0.0963
18	0.3893	69	0.4793	123	0.1003
19	0.4063	70	0.4353	124	-0.1517
20	0.4093	71	0.3933	125	-0.1157
21	0.4193	72	0.3403	126	-0.0797
22	0.4233	73	0.2383	127	-0.1017
23	0.4223	74	-0.0977	128	-0.1187
24	0.4183	75	0.6163	129	-0.2247
25	0.4063	76	0.5443	135	-0.0847
26	0.3823	77	0.4853	136	-0.0887
27	0.3393	78	0.4263	137	-0.0907
28	0.2083	79	0.3613	138	0.0033
29	0.0733	80	0.2823	139	0.0043
30	0.4763	81	0.1373	140	-0.0007
32	0.4743	82	-0.1407	141	0.0913
33	0.4763	83	0.5493	142	0.0923
34	0.4653	84	0.5013	143	0.0893
35	0.4593	85	0.4113	145	-0.0907
36	0.4513	86	0.3163	147	0.0933
37	0.4373	87	0.2253	151	0.2293
38	0.4183	88	0.1113	152	0.0503
39	0.3883	89	-0.1897	153	-0.0677
40	0.3453	90	0.4893	154	-0.2547
41	0.2303	91	0.2983	155	0.3623
42	0.0183	92	0.1973	156	0.3723
43	0.5753	93	0.1263	157	0.2003
44	0.5393	94	0.0413	158	0.6913
45	0.5223	95	-0.2377	159	0.4803
46	0.5103	96	-0.3897	160	0.4623
47	0.4943	97	-0.0687	161	0.3493
48	0.4723	98	-0.3217	162	0.6283
49	0.4453	99	-0.3507	163	0.5333
50	0.4193	100	-0.0757	164	0.0033
51	0.3753	101	-0.0317	165	0.2673

ORF	CP	ORF	CP	ORF	CP
166	0.5013	217	-0.0947	268	0.0783
167	0.5173	218	0.2023	269	0.4243
168	0.4733	219	0.3963	270	0.5393
169	0.3193	220	0.3783	271	0.0073
170	0.5193	221	-0.3437	272	0.0033
171	0.3873	222	-0.0947	273	0.4393
172	0.1713	223	0.1483	274	0.4973
173	0.2613	224	0.1033	275	0.5403
174	0.1713	225	0.6403	276	0.6023
175	-0.0907	226	0.5113	277	0.5183
176	-0.2697	227	-0.6887	278	-0.1987
177	0.0433	228	-0.6187	279	-0.0917
178	-0.0697	229	-0.5497	280	0.0743
179	0.0093	230	-0.4137	281	0.2313
180	-0.3917	231	-0.0577	282	0.3243
181	0.4943	232	0.2653	283	0.3653
182	0.6503	233	0.3933	284	0.4003
183	0.4673	234	0.3873	285	0.3543
184	0.6683	235	0.0933	286	-0.0147
185	0.8943	236	-0.0747	287	-0.0047
186	1.1123	237	-0.0467	288	0.3893
187	1.2743	238	-0.0037	289	0.4083
188	1.3443	239	0.5743	290	0.4343
189	1.3593	240	0.4873	291	-0.6817
190	-0.3717	241	-0.6727	292	0.0023
191	-0.3597	242	-0.5597	325	0.1073
192	-0.3707	244	-0.1757	326	0.1103
193	-0.3737	245	0.1473	327	0.1083
194	-0.3787	246	0.2833	328	0.1093
195	-0.3587	247	0.3583	329	0.1123
196	-0.3857	248	0.3563	330	0.1133
197	-0.3787	249	0.1823	331	0.1103
198	-0.3807	250	0.0993	332	0.1093
199	-0.3807	251	0.1153	333	0.1103
200	-0.3647	252	0.1763	334	0.1143
201	-0.3697	253	0.5933	335	0.1143
202	-0.3747	254	0.4793	336	0.1073
203	-0.3757	255	-0.4567	337	0.1073
204	-0.3747	256	-0.3077	338	0.1093
205	0.2583	257	-0.1997	339	0.1083
206	0.3313	258	-0.0007	340	0.1093
207	0.2913	259	0.2173	341	0.1123
208	0.2863	260	0.3183	350	0.0973
210	0.6463	261	0.3753	351	0.0993
211	0.6973	262	0.3613	352	0.0973
212	0.5653	263	0.1263	353	0.0973
213	-0.5207	264	0.1223	354	0.0953
214	-0.5007	265	0.4003	355	0.0953
215	-0.4497	266	0.4683		
216	-0.3567	267	0.1013		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1229
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 798.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 793.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = -0.47
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0643
247	1.0633
347	1.0653
447	1.0653
547	1.0673
647	1.0673
747	1.0673

ORF	CP	ORF	CP	ORF	CP
1	0.6533	52	0.3673	102	0.0713
2	0.3943	53	0.1133	103	-0.3397
3	0.4343	54	0.0863	104	-0.3377
4	0.4713	55	0.7403	105	-0.2127
5	0.4963	56	0.6823	110	-0.1387
6	0.5093	57	0.6383	111	-0.1487
7	0.5213	58	0.5993	112	-0.1107
8	0.5253	59	0.5703	113	-0.1637
9	0.5243	60	0.5333	114	0.0773
10	0.5123	61	0.4853	115	0.0753
11	0.4983	62	0.4213	116	0.0743
12	0.4773	63	0.3303	117	0.0763
13	0.4413	64	-0.0667	118	0.0773
14	0.2693	65	0.0353	119	0.0753
15	0.1773	66	0.7343	120	-0.1737
16	0.5873	67	0.6683	121	0.0663
17	0.5693	68	0.6153	122	0.0763
18	0.5693	69	0.5663	123	0.0763
19	0.5603	70	0.5123	124	-0.1867
20	0.5583	71	0.4653	125	-0.1687
21	0.5533	72	0.3973	126	-0.1427
22	0.5473	73	0.2813	127	-0.1597
23	0.5353	74	-0.0167	128	-0.1477
24	0.5243	75	0.7163	129	-0.2267
25	0.5013	76	0.6373	135	-0.1407
26	0.4753	77	0.5673	136	-0.1497
27	0.4213	78	0.4973	137	-0.1507
28	0.2733	79	0.4243	138	-0.0067
29	0.1383	80	0.3443	139	0.0013
30	0.6773	81	0.1833	140	0.0013
32	0.6243	82	-0.0627	141	0.1153
33	0.6033	83	0.6343	142	0.1163
34	0.5863	84	0.5853	143	0.1143
35	0.5713	85	0.4903	145	-0.1407
36	0.5553	86	0.3953	147	0.1173
37	0.5333	87	0.2993	151	0.2973
38	0.5073	88	0.1773	152	0.0953
39	0.4723	89	-0.0987	153	-0.0117
40	0.4133	90	0.5773	154	-0.2057
41	0.2803	91	0.3973	155	0.3603
42	0.1193	92	0.2953	156	0.4813
43	0.7263	93	0.2183	157	0.2813
44	0.6713	94	0.1293	158	0.7853
45	0.6403	95	-0.1407	159	0.5733
46	0.6153	96	-0.4347	160	0.5323
47	0.5943	97	-0.0417	161	0.4103
48	0.5643	98	-0.5927	162	0.7103
49	0.5323	99	-0.4667	163	0.5943
50	0.4943	100	-0.2017	164	0.0023
51	0.4423	101	0.0223	165	0.3033

ORF	CP	ORF	CP	ORF	CP
166	0.5623	217	0.0953	268	0.1113
167	0.5573	218	0.3013	269	0.5143
168	0.4933	219	0.4433	270	0.6143
169	0.3273	220	0.4133	271	0.0613
170	0.5993	221	-0.2837	272	0.0293
171	0.4083	222	-0.0557	273	0.5013
172	0.1803	223	0.2063	274	0.5673
173	0.2573	224	0.1573	275	0.5283
174	0.1573	225	0.7143	276	0.8013
175	-0.0797	226	0.5763	277	0.7053
176	-0.2457	227	-0.6787	278	-0.0427
177	0.0943	228	-0.6197	279	0.1213
178	-0.0407	229	-0.5597	280	0.2573
179	-0.0287	230	-0.4457	281	0.4113
180	-0.4007	231	0.1373	282	0.4963
181	0.6473	232	0.3613	283	0.5103
182	0.8143	233	0.4453	284	0.5253
183	0.5343	234	0.4273	285	0.4503
184	0.7583	235	0.1393	286	0.0423
185	1.0053	236	-0.0257	287	0.0263
186	1.2573	237	0.0443	288	0.4143
187	1.3323	238	0.0643	289	0.4603
188	1.3633	239	0.6483	290	0.5383
189	1.3553	240	0.5673	291	-0.6817
190	-0.3677	241	-0.5147	292	-0.0077
191	-0.3447	242	-0.3767	325	0.0883
192	-0.3687	244	0.0273	326	0.0883
193	-0.3687	245	0.2553	327	0.0873
194	-0.3737	246	0.3653	328	0.0903
195	-0.3487	247	0.4323	329	0.0903
196	-0.3927	248	0.4263	330	0.0873
197	-0.3767	249	0.2403	331	0.0883
198	-0.3827	250	0.1523	332	0.0873
199	-0.3867	251	0.1763	333	0.0903
200	-0.3577	252	0.2283	334	0.0903
201	-0.3717	253	0.7503	335	0.0883
202	-0.3747	254	0.6153	336	0.0903
203	-0.3737	255	-0.1097	337	0.0883
204	-0.3717	256	-0.0637	338	0.0873
205	0.1003	257	-0.0147	339	0.0873
206	0.1923	258	0.1103	340	0.0913
207	0.1283	259	0.3173	341	0.0903
208	0.2113	260	0.4183	350	0.0763
210	0.7413	261	0.4673	351	0.0743
211	0.7573	262	0.4533	352	0.0773
212	0.6153	263	0.1793	353	0.0753
213	-0.5147	264	0.1663	354	0.0743
214	-0.5127	265	0.5003	355	0.0763
215	-0.4707	266	0.5643		
216	-0.3747	267	0.1563		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1230
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.195
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 798.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 14.13
FIN ANGLE(DEG) = -0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0607
247	1.0597
347	1.0597
447	1.0607
547	1.0557
647	1.0557
747	1.0557

ORF	CP	ORF	CP	ORF	CP
1	0.7267	52	0.3857	102	0.0587
2	0.4757	53	0.1217	103	-0.3753
3	0.5087	54	0.1377	104	-0.3623
4	0.5447	55	0.7857	105	-0.2043
5	0.5657	56	0.7247	110	-0.1683
6	0.5727	57	0.6787	111	-0.1663
7	0.5787	58	0.6327	112	-0.1363
8	0.5727	59	0.5957	113	-0.1953
9	0.5657	60	0.5607	114	0.0487
10	0.5497	61	0.5057	115	0.0407
11	0.5317	62	0.4387	116	0.0387
12	0.5077	63	0.3447	117	0.0437
13	0.4677	64	-0.0503	118	0.0467
14	0.2887	65	0.1237	119	0.0437
15	0.1857	66	0.7727	120	-0.1833
16	0.6827	67	0.7047	121	0.0277
17	0.6467	68	0.6487	122	0.0437
18	0.6347	69	0.5977	123	0.0487
19	0.6237	70	0.5447	124	-0.2283
20	0.6107	71	0.4937	125	-0.2143
21	0.6007	72	0.4187	126	-0.1953
22	0.5917	73	0.2967	127	-0.2063
23	0.5767	74	0.1127	128	-0.1773
24	0.5567	75	0.7507	129	-0.2363
25	0.5337	76	0.6677	135	-0.1803
26	0.5027	77	0.6007	136	-0.1743
27	0.4447	78	0.5277	137	-0.1803
28	0.2847	79	0.4517	138	-0.0353
29	0.1527	80	0.3607	139	-0.0283
30	0.7527	81	0.1967	140	-0.0313
32	0.6797	82	0.0707	141	0.1067
33	0.6597	83	0.6727	142	0.0987
34	0.6367	84	0.6207	143	0.0987
35	0.6177	85	0.5227	145	-0.1813
36	0.5957	86	0.4237	147	0.1097
37	0.5707	87	0.3227	151	0.3127
38	0.5397	88	0.1967	152	0.1037
39	0.4967	89	-0.0303	153	0.0147
40	0.4357	90	0.6057	154	-0.1933
41	0.2917	91	0.4257	155	0.3107
42	0.1447	92	0.3137	156	0.4877
43	0.7887	93	0.2337	157	0.2857
44	0.7297	94	0.1507	158	0.8097
45	0.6907	95	-0.0673	159	0.5717
46	0.6627	96	-0.4703	160	0.5237
47	0.6307	97	-0.0603	161	0.4067
48	0.5967	98	-0.6373	162	0.7387
49	0.5607	99	-0.4183	163	0.6017
50	0.5197	100	-0.2393	164	-0.0343
51	0.4657	101	-0.0013	165	0.3087

ORF	CP	ORF	CP	ORF	CP
166	0.5697	217	0.0457	268	0.1047
167	0.5577	218	0.1987	269	0.5367
168	0.4837	219	0.4027	270	0.6477
169	0.3087	220	0.4157	271	0.0417
170	0.6357	221	-0.2623	272	0.0067
171	0.3937	222	0.0397	273	0.5297
172	0.1557	223	0.1987	274	0.6037
173	0.2987	224	0.1437	275	0.5157
174	0.2097	225	0.7367	276	0.8917
175	-0.0773	226	0.5997	277	0.7657
176	-0.2583	227	-0.2063	278	-0.0313
177	0.1017	228	-0.1783	279	0.1467
178	-0.0253	229	-0.1493	280	0.2937
179	-0.0323	230	-0.1003	281	0.4807
180	-0.4163	231	0.0407	282	0.5697
181	0.6997	232	0.2027	283	0.5757
182	0.8647	233	0.4177	284	0.5637
183	0.5977	234	0.4267	285	0.4747
184	0.8757	235	0.1687	286	0.0177
185	1.1477	236	-0.0023	287	0.0297
186	1.3107	237	0.0767	288	0.4297
187	1.3357	238	0.0777	289	0.4587
188	1.3427	239	0.6707	290	0.5687
189	1.2967	240	0.5857	291	-0.6823
190	-0.3693	241	-0.2983	292	0.0147
191	-0.3383	242	-0.2133	325	0.0577
192	-0.3733	244	0.0667	326	0.0627
193	-0.3723	245	0.2797	327	0.0617
194	-0.3793	246	0.3737	328	0.0567
195	-0.3383	247	0.4457	329	0.0507
196	-0.4043	248	0.4407	330	0.0527
197	-0.3823	249	0.2597	331	0.0627
198	-0.3873	250	0.1727	332	0.0617
199	-0.3943	251	0.1997	333	0.0577
200	-0.3553	252	0.2497	334	0.0517
201	-0.3743	253	0.8097	335	0.0537
202	-0.3843	254	0.6647	336	0.0607
203	-0.3833	255	-0.0133	337	0.0577
204	-0.3773	256	0.0157	338	0.0637
205	-0.0043	257	0.0407	339	0.0617
206	0.1217	258	0.1557	340	0.0557
207	0.0477	259	0.3727	341	0.0507
208	0.1837	260	0.4577	350	0.0437
210	0.7717	261	0.4877	351	0.0437
211	0.7627	262	0.4737	352	0.0427
212	0.6237	263	0.1867	353	0.0467
213	-0.1943	264	0.1697	354	0.0507
214	-0.1523	265	0.5337	355	0.0447
215	-0.1443	266	0.6047		
216	-0.1003	267	0.1607		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1231
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 70.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 795.
REYNOLDS NUMBER PER FOOT = 4.0110E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = -0.39
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.0645
247	1.0625
347	1.0635
447	1.0645
547	1.0615
647	1.0615
747	1.0615

ORF	CP	ORF	CP	ORF	CP
1	0.3275	52	0.1475	102	-0.0815
2	-0.0535	53	-0.0365	103	-0.4615
3	-0.2895	54	-0.1915	104	-0.4345
4	-0.0945	55	0.2605	105	-0.2905
5	0.0625	56	0.2475	110	-0.1455
6	0.1195	57	0.2325	111	-0.1525
7	0.1445	58	0.2245	112	-0.1255
8	0.1495	59	0.2275	113	-0.1685
9	0.1605	60	0.2265	114	0.1335
10	0.1675	61	0.2105	115	0.1355
11	0.1715	62	0.1795	116	0.1365
12	0.1645	63	0.1335	117	0.1345
13	0.1585	64	-0.1805	118	0.1355
14	0.0335	65	-0.1865	119	0.1325
15	-0.0555	66	0.2675	120	-0.1635
16	0.0455	67	0.2535	121	0.1215
17	-0.1115	68	0.2435	122	0.1345
18	-0.0355	69	0.2425	123	0.1355
19	0.0865	70	0.2275	124	-0.1265
20	0.1645	71	0.2075	125	-0.0975
21	0.1615	72	0.1775	126	-0.0575
22	0.1695	73	0.1185	127	-0.0755
23	0.1735	74	-0.1985	128	-0.0605
24	0.1765	75	0.2825	129	-0.1985
25	0.1745	76	0.2675	135	-0.0635
26	0.1675	77	0.2505	136	-0.0615
27	0.1495	78	0.2315	137	-0.0605
28	0.0445	79	0.1955	138	0.0135
29	-0.0985	80	0.1415	139	0.0215
30	0.0055	81	0.0475	140	0.0295
32	0.0965	82	-0.2135	141	0.0895
33	0.1925	83	0.2725	142	0.0885
34	0.1855	84	0.2715	143	0.0885
35	0.1915	85	0.2245	145	-0.0685
36	0.1915	86	0.1585	147	0.0925
37	0.1855	87	0.1315	151	0.1075
38	0.1865	88	0.0685	152	-0.0865
39	0.1785	89	-0.2215	153	-0.1885
40	0.1505	90	0.2445	154	-0.3545
41	0.0645	91	0.1735	155	0.1795
42	-0.1535	92	0.1415	156	0.2515
43	0.1235	93	0.1265	157	0.0825
44	0.2005	94	0.0805	158	0.5415
45	0.2285	95	-0.2215	159	0.3735
46	0.2095	96	-0.3005	160	0.3375
47	0.2005	97	-0.1895	161	0.2375
48	0.2065	98	0.2175	162	0.4835
49	0.2035	99	0.2415	163	0.4345
50	0.2025	100	0.0525	164	0.0295
51	0.1785	101	-0.1155	165	0.1575

ORF	CP	ORF	CP	ORF	CP
166	0.5545	217	-0.1085	268	-0.0525
167	0.3945	218	0.0815	269	0.2695
168	0.3615	219	0.1755	270	0.3455
169	0.2455	220	0.1845	271	-0.0995
170	0.2625	221	-0.4355	272	-0.1215
171	0.3005	222	-0.2155	273	0.2495
172	0.1055	223	0.0365	274	0.3265
173	0.1225	224	-0.0005	275	0.4305
174	0.0145	225	0.4515	276	0.5055
175	-0.1865	226	0.3245	277	0.4075
176	-0.3435	227	-0.7145	278	-0.5655
177	-0.0755	228	-0.6465	279	-0.5005
178	-0.1965	229	-0.5685	280	-0.3855
179	-0.1885	230	-0.2915	281	-0.2555
180	-0.3845	231	0.0175	282	0.0135
181	0.4245	232	0.0965	283	0.1165
182	0.5765	233	0.1555	284	0.1675
183	0.5815	234	0.1865	285	0.1605
184	0.7635	235	-0.0385	286	-0.1015
185	0.8455	236	-0.1705	287	-0.1465
186	0.8705	237	-0.1355	288	0.1965
187	0.9515	238	-0.1065	289	0.3135
188	0.9965	239	0.3735	290	0.2865
189	1.0625	240	0.2825	291	-0.3865
190	-0.3765	241	-0.4155	292	0.1665
191	-0.3825	242	-0.3535	325	0.1445
192	-0.3765	244	-0.0985	326	0.1455
193	-0.3775	245	0.0185	327	0.1455
194	-0.3795	246	0.0775	328	0.1455
195	-0.3765	247	0.1325	329	0.1455
196	-0.3845	248	0.1605	330	0.1455
197	-0.3855	249	0.0325	331	0.1455
198	-0.3875	250	-0.0205	332	0.1465
199	-0.3895	251	-0.0205	333	0.1475
200	-0.3845	252	0.0325	334	0.1455
201	-0.3815	253	0.3945	335	0.1465
202	-0.3735	254	0.3115	336	0.1465
203	-0.3805	255	-0.6165	337	0.1445
204	-0.3825	256	-0.5345	338	0.1435
205	0.3405	257	-0.4185	339	0.1445
206	0.3665	258	-0.1555	340	0.1465
207	0.3645	259	0.0415	341	0.1455
208	0.3695	260	0.0995	350	0.1345
210	0.4555	261	0.1545	351	0.1355
211	0.5395	262	0.1775	352	0.1355
212	0.4235	263	-0.0385	353	0.1345
213	-0.5435	264	-0.0125	354	0.1355
214	-0.5055	265	0.2475	355	0.1355
215	-0.4495	266	0.3115		
216	-0.3355	267	-0.0455		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1232
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 761.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 900.
REYNOLDS NUMBER PER FOOT = 3.9660E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.75
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9763
247	0.9753
347	0.9753
447	0.9763
547	0.9793
647	0.9783
747	0.9783

ORF	CP	ORF	CP	ORF	CP
1	0.0093	52	-0.2807	102	-0.3147
2	-0.2327	53	-0.4157	103	-0.6097
3	-0.2167	54	-0.3647	104	-0.5957
4	-0.1627	55	-0.4327	105	-0.5097
5	-0.1327	56	-0.3247	110	-0.0147
6	-0.1077	57	-0.2547	111	-0.0337
7	-0.0837	58	-0.2297	112	-0.0097
8	-0.0827	59	-0.2167	113	-0.1027
9	-0.0737	60	-0.2267	114	0.0913
10	-0.0707	61	-0.2517	115	0.0873
11	-0.0747	62	-0.2897	116	0.0843
12	-0.0817	63	-0.3447	117	0.0873
13	-0.1107	64	-0.4747	118	0.0863
14	-0.2377	65	-0.4717	119	0.0903
15	-0.3157	66	-0.5677	120	-0.1957
16	-0.1437	67	-0.5237	121	0.0773
17	-0.1547	68	-0.4577	122	0.0883
18	-0.1327	69	-0.3637	123	0.0903
19	-0.1207	70	-0.3307	124	-0.1937
20	-0.1037	71	-0.3217	125	-0.1807
21	-0.0967	72	-0.3417	126	-0.1567
22	-0.0847	73	-0.3957	127	-0.1687
23	-0.0887	74	-0.4997	128	-0.1707
24	-0.0887	75	-0.6257	129	-0.2447
25	-0.0937	76	-0.6477	135	-0.1667
26	-0.1097	77	-0.6517	136	-0.1747
27	-0.1477	78	-0.5957	137	-0.1717
28	-0.2617	79	-0.5377	138	0.0083
29	-0.3367	80	-0.4867	139	0.0143
30	-0.1387	81	-0.5057	140	0.0163
32	-0.1207	82	-0.5367	141	0.1313
33	-0.1157	83	-0.5187	142	0.1363
34	-0.1137	84	-0.6697	143	0.1233
35	-0.1127	85	-0.7037	145	-0.1577
36	-0.1127	86	-0.7077	147	0.1273
37	-0.1167	87	-0.6787	151	0.0053
38	-0.1287	88	-0.6417	152	-0.2047
39	-0.1517	89	-0.5727	153	-0.2667
40	-0.1987	90	-0.6707	154	-0.2957
41	-0.2947	91	-0.6907	155	-0.0897
42	-0.3557	92	-0.6847	156	-0.1027
43	-0.2427	93	-0.6947	157	-0.2127
44	-0.1797	94	-0.7007	158	0.1073
45	-0.1617	95	-0.5937	159	-0.0227
46	-0.1537	96	-0.0737	160	-0.0837
47	-0.1557	97	-0.3457	161	-0.1837
48	-0.1617	98	0.1233	162	0.0953
49	-0.1737	99	0.2033	163	0.0063
50	-0.1927	100	-0.1857	164	0.0103
51	-0.2317	101	-0.3437	165	-0.1837

ORF	CP	ORF	CP	ORF	CP
166	0.1943	217	-0.5387	268	-0.2227
167	0.0593	218	-0.4587	269	0.0053
168	0.0173	219	-0.0827	270	0.0453
169	-0.0817	220	0.0913	271	-0.3267
170	0.0673	221	-0.7057	272	-0.2567
171	-0.0177	222	-0.3457	273	0.0023
172	-0.1737	223	-0.2487	274	0.0333
173	-0.0677	224	-0.2707	275	0.2303
174	-0.1627	225	0.4333	276	0.2053
175	-0.2917	226	0.2983	277	0.0833
176	-0.3717	227	-0.8987	278	-0.5667
177	-0.2547	228	-0.8667	279	-0.5237
178	-0.2627	229	-0.8317	280	-0.4147
179	-0.2197	230	-0.7557	281	-0.2307
180	-0.3667	231	-0.6137	282	-0.1217
181	0.1543	232	-0.4637	283	-0.1017
182	0.2843	233	-0.0127	284	-0.0657
183	0.2203	234	0.0993	285	-0.0877
184	0.3683	235	-0.2207	286	-0.3407
185	0.4123	236	-0.4557	287	-0.3227
186	0.4343	237	-0.5027	288	-0.0087
187	0.4833	238	-0.4537	289	0.0733
188	0.5203	239	0.3453	290	0.0463
189	0.5543	240	0.2663	291	-0.1967
190	-0.3637	241	-0.8977	292	0.4113
191	-0.3857	242	-0.8117	325	0.0963
192	-0.3637	244	-0.7107	326	0.0953
193	-0.3647	245	-0.6457	327	0.0963
194	-0.3677	246	-0.2747	328	0.0983
195	-0.3867	247	-0.0217	329	0.0983
196	-0.3987	248	0.0273	330	0.0983
197	-0.3697	249	-0.2967	331	0.0943
198	-0.3707	250	-0.3537	332	0.0973
199	-0.3687	251	-0.3157	333	0.1003
200	-0.3887	252	-0.1207	334	0.0983
201	-0.3707	253	0.2443	335	0.1003
202	-0.3717	254	0.1053	336	0.0953
203	-0.3707	255	-0.8277	337	0.0963
204	-0.3727	256	-0.7717	338	0.0983
205	0.1673	257	-0.6837	339	0.0983
206	0.2003	258	-0.5007	340	0.0993
207	0.1743	259	-0.2437	341	0.0993
208	0.1793	260	-0.1297	350	0.0873
210	0.5403	261	-0.0597	351	0.0903
211	0.4593	262	-0.0487	352	0.0873
212	0.3383	263	-0.3477	353	0.0883
213	-0.7247	264	-0.2367	354	0.0873
214	-0.7387	265	-0.0077	355	0.0913
215	-0.7027	266	0.0393		
216	-0.6227	267	-0.3187		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1233
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 759.
TUNNEL STAGNATION PRESSURE(PSF) = 1917.
TUNNEL STATIC PRESSURE(PSF) = 901.
REYNOLDS NUMBER PER FOOT = 3.9640E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.76
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9769
247	0.9759
347	0.9769
447	0.9779
547	0.9689
647	0.9689
747	0.9689

ORF	CP	ORF	CP	ORF	CP
1	0.0479	52	-0.2701	102	-0.3011
2	-0.2351	53	-0.4041	103	-0.6381
3	-0.2211	54	-0.3271	104	-0.6221
4	-0.1521	55	-0.5211	105	-0.5371
5	-0.1081	56	-0.4121	110	-0.0531
6	-0.0931	57	-0.2701	111	-0.0691
7	-0.0741	58	-0.2131	112	-0.0471
8	-0.0681	59	-0.1841	113	-0.1331
9	-0.0641	60	-0.1931	114	0.0889
10	-0.0661	61	-0.2161	115	0.0889
11	-0.0661	62	-0.2501	116	0.0879
12	-0.0781	63	-0.3061	117	0.0879
13	-0.1091	64	-0.4401	118	0.0899
14	-0.2391	65	-0.4361	119	0.0929
15	-0.3071	66	-0.5701	120	-0.1781
16	-0.1011	67	-0.5921	121	0.0779
17	-0.1161	68	-0.5391	122	0.0919
18	-0.1081	69	-0.4221	123	0.0899
19	-0.0991	70	-0.3291	124	-0.1721
20	-0.0901	71	-0.2771	125	-0.1601
21	-0.0851	72	-0.2751	126	-0.1371
22	-0.0791	73	-0.3141	127	-0.1511
23	-0.0761	74	-0.4671	128	-0.1421
24	-0.0781	75	-0.5981	129	-0.2271
25	-0.0861	76	-0.6091	135	-0.1431
26	-0.1021	77	-0.6161	136	-0.1481
27	-0.1441	78	-0.5931	137	-0.1491
28	-0.2581	79	-0.5501	138	0.0039
29	-0.3221	80	-0.5031	139	0.0119
30	-0.1111	81	-0.4921	140	0.0129
32	-0.1091	82	-0.5371	141	0.1299
33	-0.1081	83	-0.4951	142	0.1279
34	-0.1061	84	-0.6331	143	0.1159
35	-0.1081	85	-0.6551	145	-0.1471
36	-0.1031	86	-0.6551	147	0.1289
37	-0.1061	87	-0.6461	151	0.0139
38	-0.1191	88	-0.6231	152	-0.1991
39	-0.1421	89	-0.5721	153	-0.2711
40	-0.1861	90	-0.6331	154	-0.3151
41	-0.2841	91	-0.6401	155	-0.0701
42	-0.3381	92	-0.6251	156	-0.1001
43	-0.2771	93	-0.6441	157	-0.2151
44	-0.1921	94	-0.6591	158	0.1179
45	-0.1551	95	-0.5481	159	-0.0161
46	-0.1431	96	-0.0731	160	-0.0781
47	-0.1461	97	-0.3291	161	-0.1831
48	-0.1541	98	0.1919	162	0.1379
49	-0.1641	99	0.2559	163	0.0289
50	-0.1811	100	-0.1771	164	0.0109
51	-0.2171	101	-0.3321	165	-0.1681

ORF	CP	ORF	CP	ORF	CP
166	0.2589	217	-0.5461	268	-0.2021
167	0.0959	218	-0.3651	269	0.0049
168	0.0669	219	0.0369	270	0.0599
169	-0.0351	220	0.0839	271	-0.3261
170	0.1289	221	-0.6961	272	-0.2531
171	0.0109	222	-0.3951	273	0.0149
172	-0.1511	223	-0.2311	274	0.0519
173	-0.0651	224	-0.2481	275	0.2759
174	-0.1591	225	0.4179	276	0.2399
175	-0.3131	226	0.2729	277	0.1149
176	-0.3841	227	-0.9071	278	-0.5751
177	-0.2371	228	-0.8751	279	-0.5531
178	-0.2511	229	-0.8351	280	-0.4521
179	-0.1971	230	-0.7561	281	-0.2781
180	-0.3641	231	-0.5931	282	-0.1271
181	0.1059	232	-0.2801	283	-0.0911
182	0.2499	233	0.0399	284	-0.0661
183	0.2609	234	0.0819	285	-0.0901
184	0.4049	235	-0.2601	286	-0.3271
185	0.4419	236	-0.4581	287	-0.2951
186	0.4899	237	-0.4901	288	0.0249
187	0.5299	238	-0.4021	289	0.1049
188	0.5899	239	0.3499	290	0.0369
189	0.6389	240	0.2519	291	-0.2641
190	-0.3591	241	-0.9071	292	0.3689
191	-0.3791	242	-0.8181	325	0.1159
192	-0.3621	244	-0.6771	326	0.1129
193	-0.3611	245	-0.4421	327	0.1149
194	-0.3621	246	-0.1081	328	0.1149
195	-0.3741	247	-0.0241	329	0.1119
196	-0.3871	248	0.0189	330	0.1129
197	-0.3641	249	-0.3151	331	0.1139
198	-0.3641	250	-0.3231	332	0.1169
199	-0.3661	251	-0.2611	333	0.1159
200	-0.3781	252	-0.1151	334	0.1119
201	-0.3631	253	0.2769	335	0.1149
202	-0.3631	254	0.1249	336	0.1129
203	-0.3631	255	-0.6721	337	0.1159
204	-0.3621	256	-0.6271	338	0.1129
205	0.2049	257	-0.5781	339	0.1139
206	0.2379	258	-0.4581	340	0.1139
207	0.2139	259	-0.2471	341	0.1129
208	0.2139	260	-0.1211	350	0.0899
210	0.5309	261	-0.0681	351	0.0889
211	0.4559	262	-0.0671	352	0.0849
212	0.3259	263	-0.3411	353	0.0869
213	-0.7291	264	-0.1981	354	0.0869
214	-0.7451	265	-0.0101	355	0.0879
215	-0.7111	266	0.0359		
216	-0.6271	267	-0.3161		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1234
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 760.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 901.
REYNOLDS NUMBER PER FOOT = 3.9690E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9745
247	0.9745
347	0.9745
447	0.9755
547	0.9695
647	0.9685
747	0.9685

ORF	CP	ORF	CP	ORF	CP
1	0.0855	52	-0.1745	102	-0.2175
2	-0.2945	53	-0.2915	103	-0.6165
3	-0.3075	54	-0.2505	104	-0.6105
4	-0.2255	55	-0.5235	105	-0.4795
5	-0.1525	56	-0.4765	110	-0.0995
6	-0.1005	57	-0.3235	111	-0.1115
7	-0.0655	58	-0.1465	112	-0.0905
8	-0.0435	59	-0.0605	113	-0.1585
9	-0.0345	60	-0.0535	114	0.1075
10	-0.0275	61	-0.0765	115	0.1025
11	-0.0235	62	-0.1035	116	0.1035
12	-0.0295	63	-0.1475	117	0.1055
13	-0.0575	64	-0.3965	118	0.1045
14	-0.1825	65	-0.3445	119	0.1065
15	-0.2365	66	-0.5075	120	-0.1675
16	-0.1115	67	-0.5015	121	0.0975
17	-0.1565	68	-0.4535	122	0.1055
18	-0.1415	69	-0.3395	123	0.1055
19	-0.1315	70	-0.2175	124	-0.1445
20	-0.1095	71	-0.1255	125	-0.1165
21	-0.0855	72	-0.0835	126	-0.0925
22	-0.0595	73	-0.1155	127	-0.1065
23	-0.0585	74	-0.3755	128	-0.0885
24	-0.0545	75	-0.5375	129	-0.1935
25	-0.0555	76	-0.4645	135	-0.0885
26	-0.0635	77	-0.4055	136	-0.0875
27	-0.1025	78	-0.3415	137	-0.0895
28	-0.2165	79	-0.2815	138	0.0215
29	-0.2525	80	-0.2625	139	0.0215
30	-0.1425	81	-0.2985	140	0.0235
32	-0.1285	82	-0.3515	141	0.1255
33	-0.1135	83	-0.4205	142	0.1235
34	-0.1075	84	-0.5115	143	0.1125
35	-0.0865	85	-0.5065	145	-0.0865
36	-0.0715	86	-0.4455	147	0.1255
37	-0.0705	87	-0.3535	151	0.0815
38	-0.0765	88	-0.2845	152	-0.1585
39	-0.0965	89	-0.3465	153	-0.2565
40	-0.1365	90	-0.5105	154	-0.3245
41	-0.2325	91	-0.4945	155	-0.0275
42	-0.2465	92	-0.4615	156	0.0005
43	-0.4775	93	-0.4285	157	-0.1235
44	-0.2445	94	-0.4085	158	0.1805
45	-0.1185	95	-0.4215	159	0.0875
46	-0.0905	96	-0.0685	160	0.0215
47	-0.0825	97	-0.2805	161	-0.1065
48	-0.0795	98	0.2665	162	0.2255
49	-0.0795	99	0.2775	163	0.1175
50	-0.0975	100	-0.1745	164	0.0255
51	-0.1325	101	-0.2595	165	-0.0985

ORF	CP	ORF	CP	ORF	CP
166	0.3465	217	-0.2895	268	-0.1335
167	0.1695	218	-0.0585	269	0.0955
168	0.1495	219	0.0555	270	0.1225
169	0.0475	220	0.0535	271	-0.2415
170	0.2675	221	-0.5755	272	-0.1735
171	0.0785	222	-0.3845	273	0.1095
172	-0.1035	223	-0.1165	274	0.1435
173	-0.0185	224	-0.1505	275	0.3965
174	-0.1145	225	0.3715	276	0.2995
175	-0.3145	226	0.2195	277	0.1575
176	-0.3975	227	-0.9175	278	-0.6475
177	-0.1625	228	-0.8755	279	-0.6085
178	-0.2425	229	-0.8305	280	-0.5035
179	-0.1885	230	-0.7125	281	-0.3275
180	-0.3485	231	-0.1795	282	-0.1495
181	0.2245	232	-0.0155	283	-0.0845
182	0.3645	233	0.0435	284	-0.0285
183	0.3535	234	0.0575	285	-0.0405
184	0.4845	235	-0.2105	286	-0.2465
185	0.5155	236	-0.3595	287	-0.2155
186	0.5635	237	-0.2495	288	0.1105
187	0.6205	238	-0.2235	289	0.1985
188	0.6685	239	0.4085	290	0.1305
189	0.7065	240	0.3085	291	-0.3555
190	-0.3495	241	-0.8915	292	0.2955
191	-0.3565	242	-0.8005	325	0.1185
192	-0.3505	244	-0.5705	326	0.1205
193	-0.3535	245	-0.2255	327	0.1215
194	-0.3535	246	-0.0345	328	0.1215
195	-0.3545	247	0.0105	329	0.1185
196	-0.3685	248	0.0395	330	0.1205
197	-0.3535	249	-0.1965	331	0.1205
198	-0.3525	250	-0.2235	332	0.1225
199	-0.3595	251	-0.1495	333	0.1215
200	-0.3615	252	-0.0495	334	0.1195
201	-0.3525	253	0.3845	335	0.1215
202	-0.3505	254	0.2275	336	0.1205
203	-0.3515	255	-0.7745	337	0.1185
204	-0.3515	256	-0.7075	338	0.1205
205	0.2695	257	-0.6595	339	0.1205
206	0.3015	258	-0.4935	340	0.1225
207	0.2855	259	-0.2675	341	0.1205
208	0.2735	260	-0.0955	350	0.1065
210	0.4875	261	-0.0355	351	0.1065
211	0.4025	262	-0.0055	352	0.1095
212	0.2755	263	-0.2645	353	0.1045
213	-0.7385	264	-0.1365	354	0.1075
214	-0.7435	265	0.1055	355	0.1055
215	-0.6935	266	0.1305		
216	-0.5975	267	-0.2375		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1235
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 762.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 902.
REYNOLDS NUMBER PER FOOT = 3.9730E 06
MODEL ANGLE OF ATTACK(DEG) = -6.02
FIN ANGLE(DEG) = -0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9723
247	0.9713
347	0.9713
447	0.9713
547	0.9713
647	0.9713
747	0.9703

ORF	CP	ORF	CP	ORF	CP
1	0.1213	52	-0.0817	102	-0.1907
2	-0.2937	53	-0.2467	103	-0.6167
3	-0.4547	54	-0.2317	104	-0.5937
4	-0.2167	55	-0.4657	105	-0.4567
5	-0.1227	56	-0.3477	110	-0.1277
6	-0.0847	57	-0.1397	111	-0.1387
7	-0.0527	58	-0.0007	112	-0.1147
8	-0.0297	59	0.0633	113	-0.1747
9	-0.0187	60	0.0563	114	0.0953
10	0.0163	61	0.0473	115	0.0983
11	0.0153	62	0.0023	116	0.1003
12	0.0173	63	-0.0597	117	0.0963
13	-0.0057	64	-0.3817	118	0.0963
14	-0.1347	65	-0.3437	119	0.0973
15	-0.2047	66	-0.4047	120	-0.1887
16	-0.1677	67	-0.3547	121	0.0883
17	-0.2607	68	-0.2397	122	0.1003
18	-0.1767	69	-0.0567	123	0.0993
19	-0.1467	70	0.0413	124	-0.1617
20	-0.0887	71	0.0413	125	-0.1297
21	-0.0597	72	0.0143	126	-0.0907
22	-0.0367	73	-0.0737	127	-0.1097
23	-0.0267	74	-0.3607	128	-0.0917
24	0.0003	75	-0.3437	129	-0.2177
25	0.0053	76	-0.3017	135	-0.0907
26	-0.0087	77	-0.2617	136	-0.0917
27	-0.0487	78	-0.1827	137	-0.0917
28	-0.1667	79	-0.1267	138	0.0233
29	-0.2127	80	-0.1077	139	0.0233
30	-0.2187	81	-0.1697	140	0.0223
32	-0.1597	82	-0.3137	141	0.1183
33	-0.1127	83	-0.2417	142	0.1173
34	-0.0547	84	-0.2787	143	0.1103
35	-0.0197	85	-0.2407	145	-0.0857
36	0.0003	86	-0.2297	147	0.1183
37	0.0003	87	-0.1477	151	0.1033
38	-0.0057	88	-0.2127	152	-0.1387
39	-0.0307	89	-0.3267	153	-0.2467
40	-0.0717	90	-0.3517	154	-0.3347
41	-0.1637	91	-0.2907	155	-0.0047
42	-0.2047	92	-0.2237	156	0.0583
43	-0.4037	93	-0.1827	157	-0.0837
44	-0.1927	94	-0.2117	158	0.2483
45	-0.0817	95	-0.3377	159	0.1443
46	-0.0447	96	-0.1177	160	0.0703
47	0.0103	97	-0.2627	161	-0.0537
48	0.0113	98	0.2563	162	0.2653
49	0.0183	99	0.2733	163	0.1513
50	0.0043	100	-0.1497	164	0.0213
51	-0.0307	101	-0.2307	165	-0.0727

ORF	CP	ORF	CP	ORF	CP
166	0.3913	217	-0.1657	268	-0.1187
167	0.2013	218	-0.0207	269	0.1473
168	0.1793	219	0.0443	270	0.1813
169	0.0653	220	0.0473	271	-0.2097
170	0.3013	221	-0.5207	272	-0.1577
171	0.1343	222	-0.3237	273	0.1583
172	-0.0617	223	-0.0797	274	0.1963
173	0.0213	224	-0.1307	275	0.4513
174	-0.0647	225	0.3473	276	0.3313
175	-0.2787	226	0.1983	277	0.1813
176	-0.3847	227	-0.8197	278	-0.8297
177	-0.1347	228	-0.7967	279	-0.7867
178	-0.1967	229	-0.6657	280	-0.6387
179	-0.1787	230	-0.4987	281	-0.4437
180	-0.3457	231	-0.1557	282	-0.1647
181	0.2573	232	-0.0287	283	-0.0717
182	0.4163	233	0.0443	284	0.0063
183	0.3873	234	0.0503	285	0.0063
184	0.5263	235	-0.1807	286	-0.2187
185	0.5663	236	-0.3047	287	-0.2017
186	0.6213	237	-0.2147	288	0.1533
187	0.7023	238	-0.2167	289	0.2313
188	0.7933	239	0.4243	290	0.1783
189	0.8513	240	0.3253	291	-0.4507
190	-0.3527	241	-0.8957	292	0.2373
191	-0.3577	242	-0.8037	325	0.1103
192	-0.3537	244	-0.6307	326	0.1163
193	-0.3557	245	-0.2997	327	0.1113
194	-0.3547	246	-0.0137	328	0.1103
195	-0.3557	247	0.0463	329	0.1123
196	-0.3627	248	0.0653	330	0.1113
197	-0.3537	249	-0.1437	331	0.1153
198	-0.3537	250	-0.1797	332	0.1133
199	-0.3607	251	-0.1057	333	0.1123
200	-0.3567	252	-0.0087	334	0.1123
201	-0.3557	253	0.4243	335	0.1133
202	-0.3527	254	0.2653	336	0.1113
203	-0.3507	255	-0.9027	337	0.1113
204	-0.3517	256	-0.8427	338	0.1153
205	0.3123	257	-0.7977	339	0.1103
206	0.3423	258	-0.6827	340	0.1103
207	0.3343	259	-0.2187	341	0.1143
208	0.3163	260	-0.0477	350	0.0973
210	0.4573	261	0.0013	351	0.0983
211	0.3783	262	0.0453	352	0.0993
212	0.2483	263	-0.1907	353	0.0963
213	-0.7027	264	-0.1037	354	0.0993
214	-0.6737	265	0.1463	355	0.0983
215	-0.6297	266	0.1823		
216	-0.4747	267	-0.1897		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1236
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.102
TUNNEL DYNAMIC PRESSURE(PSF) = 764.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 898.
REYNOLDS NUMBER PER FOOT = 3.9740E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = -0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9756
247	0.9746
347	0.9746
447	0.9756
547	0.9786
647	0.9786
747	0.9776

ORF	CP	ORF	CP	ORF	CP
1	0.1606	52	-0.0294	102	-0.1724
2	-0.2674	53	-0.2194	103	-0.5794
3	-0.5404	54	-0.2374	104	-0.5414
4	-0.2574	55	-0.2414	105	-0.4084
5	-0.1324	56	-0.0024	110	-0.1344
6	-0.0634	57	0.1396	111	-0.1464
7	0.0046	58	0.1326	112	-0.1174
8	0.0346	59	0.1166	113	-0.1724
9	0.0546	60	0.0936	114	0.1076
10	0.0666	61	0.0626	115	0.1086
11	0.0706	62	0.0236	116	0.1126
12	0.0656	63	-0.0294	117	0.1096
13	0.0376	64	-0.3494	118	0.1096
14	-0.0924	65	-0.3264	119	0.1096
15	-0.1674	66	-0.1494	120	-0.1874
16	-0.1324	67	-0.0464	121	0.0976
17	-0.2854	68	0.0646	122	0.1116
18	-0.2704	69	0.1026	123	0.1126
19	-0.1024	70	0.0626	124	-0.1424
20	-0.0604	71	0.0486	125	-0.1044
21	0.0196	72	0.0226	126	-0.0724
22	0.0536	73	-0.0404	127	-0.0964
23	0.0616	74	-0.3474	128	-0.1474
24	0.0636	75	-0.1644	129	-0.2334
25	0.0616	76	0.0586	135	-0.0704
26	0.0496	77	0.0516	136	-0.0724
27	0.0096	78	0.0436	137	-0.0704
28	-0.1174	79	0.0146	138	0.0256
29	-0.1804	80	-0.0264	139	0.0266
30	-0.2144	81	-0.1334	140	0.0216
32	-0.1304	82	-0.3104	141	0.1296
33	-0.0424	83	-0.1584	142	0.1286
34	0.0076	84	-0.0644	143	0.1206
35	0.0656	85	0.0466	145	-0.0694
36	0.0776	86	0.0346	147	0.1286
37	0.0736	87	0.0196	151	0.0916
38	0.0636	88	-0.0664	152	-0.1264
39	0.0426	89	-0.3414	153	-0.2194
40	-0.0074	90	-0.2454	154	-0.3404
41	-0.1184	91	-0.0964	155	0.0496
42	-0.1894	92	0.0206	156	0.1366
43	-0.2894	93	0.0196	157	-0.0384
44	-0.1594	94	-0.0394	158	0.3236
45	-0.0034	95	-0.3374	159	0.1976
46	0.0926	96	-0.1484	160	0.1156
47	0.1066	97	-0.2264	161	-0.0054
48	0.0976	98	0.2566	162	0.2936
49	0.0856	99	0.2496	163	0.1876
50	0.0686	100	-0.1064	164	0.0246
51	0.0266	101	-0.2004	165	-0.0414

ORF	CP	ORF	CP	ORF	CP
166	0.4116	217	-0.0974	268	-0.0874
167	0.2086	218	0.0186	269	0.2056
168	0.1866	219	0.0786	270	0.2596
169	0.0696	220	0.0626	271	-0.1874
170	0.3096	221	-0.4714	272	-0.1274
171	0.1386	222	-0.2894	273	0.2106
172	-0.0524	223	-0.0544	274	0.2406
173	0.0466	224	-0.1094	275	0.4716
174	-0.0394	225	0.3446	276	0.3876
175	-0.2454	226	0.1976	277	0.2326
176	-0.3554	227	-0.4684	278	-0.8154
177	-0.1094	228	-0.4844	279	-0.7834
178	-0.1914	229	-0.4504	280	-0.6794
179	-0.1934	230	-0.3434	281	-0.4594
180	-0.3464	231	-0.1244	282	-0.1624
181	0.2886	232	0.0216	283	-0.0094
182	0.4416	233	0.0716	284	0.0726
183	0.4126	234	0.0616	285	0.0566
184	0.5296	235	-0.1514	286	-0.1854
185	0.5526	236	-0.2524	287	-0.1834
186	0.5826	237	-0.1904	288	0.1886
187	0.6466	238	-0.1984	289	0.2706
188	0.7356	239	0.3996	290	0.2326
189	0.7726	240	0.2916	291	-0.4634
190	-0.3464	241	-0.8464	292	0.1946
191	-0.3474	242	-0.7364	325	0.1156
192	-0.3434	244	-0.4064	326	0.1196
193	-0.3414	245	-0.1294	327	0.1206
194	-0.3484	246	0.0226	328	0.1226
195	-0.3464	247	0.0746	329	0.1196
196	-0.3524	248	0.0816	330	0.1226
197	-0.3414	249	-0.0954	331	0.1206
198	-0.3454	250	-0.1304	332	0.1216
199	-0.3474	251	-0.0754	333	0.1226
200	-0.3454	252	0.0066	334	0.1196
201	-0.3474	253	0.4426	335	0.1226
202	-0.3404	254	0.3036	336	0.1206
203	-0.3434	255	-0.8824	337	0.1156
204	-0.3434	256	-0.8224	338	0.1206
205	0.3576	257	-0.7734	339	0.1186
206	0.3796	258	-0.6494	340	0.1216
207	0.3876	259	-0.1674	341	0.1206
208	0.3876	260	0.0156	350	0.1126
210	0.4356	261	0.0756	351	0.1116
211	0.3706	262	0.0996	352	0.1106
212	0.2536	263	-0.1574	353	0.1086
213	-0.5624	264	-0.0624	354	0.1076
214	-0.5124	265	0.1936	355	0.1076
215	-0.4624	266	0.2386		
216	-0.3164	267	-0.1554		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1237
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.100
TUNNEL DYNAMIC PRESSURE(PSF) = 762.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 901.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = -1.96
FIN ANGLE(DEG) = -0.39
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9726
247	0.9716
347	0.9716
447	0.9726
547	0.9816
647	0.9806
747	0.9806

ORF	CP	ORF	CP	ORF	CP
1	0.2276	52	0.0336	102	-0.1524
2	-0.2024	53	-0.1724	103	-0.5474
3	-0.4534	54	-0.2834	104	-0.5124
4	-0.1374	55	0.1606	105	-0.3624
5	-0.0084	56	0.1676	110	-0.1584
6	0.0516	57	0.1686	111	-0.1704
7	0.0896	58	0.1556	112	-0.1344
8	0.1096	59	0.1446	113	-0.1854
9	0.1186	60	0.1316	114	0.1196
10	0.1226	61	0.1066	115	0.1206
11	0.1176	62	0.0726	116	0.1216
12	0.1056	63	0.0186	117	0.1186
13	0.0776	64	-0.3154	118	0.1196
14	-0.0564	65	-0.3164	119	0.1186
15	-0.1314	66	0.1636	120	-0.1824
16	-0.0444	67	0.1686	121	0.1156
17	-0.0944	68	0.1566	122	0.1196
18	-0.0014	69	0.1436	123	0.1206
19	0.0646	70	0.1226	124	-0.1254
20	0.0896	71	0.1006	125	-0.1004
21	0.1116	72	0.0616	126	-0.0524
22	0.1276	73	-0.0124	127	-0.0814
23	0.1316	74	-0.3314	128	-0.0544
24	0.1276	75	0.1656	129	-0.2144
25	0.1206	76	0.1586	135	-0.0544
26	0.1026	77	0.1386	136	-0.0504
27	0.0626	78	0.1146	137	-0.0514
28	-0.0644	79	0.0736	138	0.0656
29	-0.1684	80	0.0396	139	0.0556
30	-0.0214	81	-0.0654	140	0.0546
32	0.1126	82	-0.3284	141	0.1326
33	0.1226	83	0.1406	142	0.1326
34	0.1326	84	0.1276	143	0.1276
35	0.1366	85	0.0856	145	-0.0514
36	0.1346	86	0.0696	147	0.1326
37	0.1316	87	0.0386	151	0.0676
38	0.1216	88	-0.0354	152	-0.1184
39	0.1016	89	-0.3394	153	-0.2424
40	0.0586	90	0.0866	154	-0.3944
41	-0.0524	91	0.0936	155	0.2256
42	-0.2104	92	0.0636	156	0.1796
43	0.1206	93	0.0346	157	-0.0044
44	0.1636	94	-0.0214	158	0.4386
45	0.1576	95	-0.3324	159	0.2736
46	0.1526	96	-0.1114	160	0.2086
47	0.1466	97	-0.2764	161	0.0886
48	0.1406	98	0.2376	162	0.3906
49	0.1336	99	0.2156	163	0.2786
50	0.1166	100	-0.0714	164	0.0656
51	0.0816	101	-0.1914	165	0.0236

ORF	CP	ORF	CP	ORF	CP
166	0.4966	217	0.0386	268	-0.0764
167	0.2526	218	0.1096	269	0.2486
168	0.2286	219	0.1296	270	0.3296
169	0.1126	220	0.1056	271	-0.1634
170	0.3606	221	-0.4564	272	-0.1384
171	0.1456	222	-0.2554	273	0.2716
172	-0.0564	223	-0.0124	274	0.3106
173	0.0476	224	-0.0814	275	0.4796
174	-0.0364	225	0.3726	276	0.4536
175	-0.2814	226	0.2366	277	0.3216
176	-0.3774	227	-0.3454	278	-0.6384
177	-0.1304	228	-0.3234	279	-0.5524
178	-0.2574	229	-0.2974	280	-0.4414
179	-0.1964	230	-0.1734	281	-0.2624
180	-0.3614	231	0.0316	282	-0.0394
181	0.3186	232	0.0966	283	0.0666
182	0.4836	233	0.1216	284	0.1336
183	0.5026	234	0.0996	285	0.0996
184	0.6496	235	-0.1214	286	-0.1694
185	0.6846	236	-0.2174	287	-0.1944
186	0.6676	237	-0.1614	288	0.2456
187	0.6726	238	-0.1784	289	0.3226
188	0.6946	239	0.3656	290	0.2596
189	0.7446	240	0.2646	291	-0.3534
190	-0.3544	241	-0.3834	292	0.1776
191	-0.3574	242	-0.3574	325	0.1266
192	-0.3554	244	-0.1564	326	0.1226
193	-0.3574	245	0.0116	327	0.1256
194	-0.3584	246	0.0826	328	0.1246
195	-0.3584	247	0.1116	329	0.1226
196	-0.3634	248	0.1016	330	0.1246
197	-0.3564	249	-0.0474	331	0.1246
198	-0.3574	250	-0.0834	332	0.1276
199	-0.3594	251	-0.0644	333	0.1266
200	-0.3624	252	0.0026	334	0.1246
201	-0.3554	253	0.4156	335	0.1286
202	-0.3504	254	0.2906	336	0.1256
203	-0.3534	255	-0.6314	337	0.1266
204	-0.3584	256	-0.4574	338	0.1236
205	0.3666	257	-0.4364	339	0.1266
206	0.3836	258	-0.2884	340	0.1236
207	0.3936	259	-0.0434	341	0.1216
208	0.4076	260	0.0646	350	0.1186
210	0.4496	261	0.1286	351	0.1186
211	0.4246	262	0.1246	352	0.1196
212	0.2946	263	-0.1104	353	0.1196
213	-0.4434	264	-0.0374	354	0.1196
214	-0.3944	265	0.2256	355	0.1206
215	-0.3464	266	0.2846		
216	-0.1584	267	-0.1194		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1238
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.094
TUNNEL DYNAMIC PRESSURE(PSF) = 760.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 907.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 0.08
FIN ANGLE(DEG) = -0.50
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9686
247	0.9686
347	0.9686
447	0.9686
547	0.9636
647	0.9636
747	0.9636

ORF	CP	ORF	CP	ORF	CP
1	0.2656	52	0.0826	102	-0.1314
2	-0.1184	53	-0.1314	103	-0.5224
3	-0.1854	54	-0.2834	104	-0.4974
4	-0.0184	55	0.2706	105	-0.3244
5	0.0556	56	0.2476	110	-0.1864
6	0.1076	57	0.2386	111	-0.2054
7	0.1316	58	0.2236	112	-0.1614
8	0.1526	59	0.2066	113	-0.2134
9	0.1616	60	0.1886	114	0.0886
10	0.1626	61	0.1586	115	0.0896
11	0.1566	62	0.1216	116	0.0876
12	0.1396	63	0.0646	117	0.0876
13	0.1136	64	-0.2974	118	0.0856
14	-0.0244	65	-0.2974	119	0.0856
15	-0.1004	66	0.2706	120	-0.2064
16	-0.0344	67	0.2486	121	0.0736
17	-0.1054	68	0.2306	122	0.0896
18	0.0216	69	0.2046	123	0.0926
19	0.1086	70	0.1776	124	-0.1504
20	0.1356	71	0.1506	125	-0.1194
21	0.1486	72	0.1066	126	-0.0784
22	0.1596	73	0.0246	127	-0.1004
23	0.1626	74	-0.3154	128	-0.1104
24	0.1676	75	0.2696	129	-0.2484
25	0.1576	76	0.2376	135	-0.0834
26	0.1376	77	0.2016	136	-0.0824
27	0.1046	78	0.1656	137	-0.0824
28	-0.0284	79	0.1186	138	0.0126
29	-0.1464	80	0.0736	139	0.0156
30	0.0226	81	-0.0404	140	0.0196
32	0.1596	82	-0.3234	141	0.1096
33	0.1616	83	0.2346	142	0.1006
34	0.1746	84	0.2056	143	0.1036
35	0.1746	85	0.1456	145	-0.0834
36	0.1746	86	0.1126	147	0.0986
37	0.1656	87	0.0686	151	0.0486
38	0.1596	88	-0.0124	152	-0.1334
39	0.1436	89	-0.3354	153	-0.2774
40	0.0956	90	0.1556	154	-0.3994
41	-0.0104	91	0.1346	155	0.2426
42	-0.2064	92	0.0926	156	0.1926
43	0.2386	93	0.0586	157	0.0086
44	0.2286	94	-0.0034	158	0.5186
45	0.2236	95	-0.3354	159	0.3346
46	0.2166	96	-0.1724	160	0.2856
47	0.2066	97	-0.2884	161	0.1616
48	0.1996	98	0.2246	162	0.4496
49	0.1796	99	0.1986	163	0.3696
50	0.1656	100	-0.0354	164	0.0296
51	0.1316	101	-0.1724	165	0.0786

ORF	CP	ORF	CP	ORF	CP
166	0.5346	217	-0.0504	268	-0.0884
167	0.3396	218	0.0856	269	0.2506
168	0.2996	219	0.1506	270	0.3286
169	0.1716	220	0.1346	271	-0.1554
170	0.3246	221	-0.4944	272	-0.1634
171	0.2516	222	-0.2404	273	0.2476
172	0.0226	223	-0.0124	274	0.3086
173	0.0756	224	-0.0684	275	0.4786
174	-0.0344	225	0.4126	276	0.4466
175	-0.2734	226	0.2686	277	0.3266
176	-0.4034	227	-0.5144	278	-0.5794
177	-0.1484	228	-0.4324	279	-0.5334
178	-0.2784	229	-0.4144	280	-0.4204
179	-0.2244	230	-0.3014	281	-0.2654
180	-0.3704	231	-0.0694	282	-0.0194
181	0.3766	232	0.0626	283	0.0956
182	0.5326	233	0.1356	284	0.1566
183	0.5036	234	0.1326	285	0.1136
184	0.7006	235	-0.0984	286	-0.1614
185	0.7706	236	-0.2264	287	-0.2014
186	0.8856	237	-0.1554	288	0.2246
187	0.8836	238	-0.1654	289	0.3156
188	0.9426	239	0.3676	290	0.2586
189	0.9816	240	0.2586	291	-0.3464
190	-0.3664	241	-0.3704	292	0.1266
191	-0.3694	242	-0.3794	325	0.1096
192	-0.3664	244	-0.1644	326	0.1066
193	-0.3664	245	0.0126	327	0.1066
194	-0.3674	246	0.0866	328	0.1036
195	-0.3674	247	0.1186	329	0.1066
196	-0.3704	248	0.1156	330	0.1076
197	-0.3684	249	-0.0264	331	0.1106
198	-0.3684	250	-0.0754	332	0.1086
199	-0.3704	251	-0.0754	333	0.1056
200	-0.3674	252	-0.0214	334	0.1076
201	-0.3674	253	0.3916	335	0.1096
202	-0.3644	254	0.2586	336	0.1086
203	-0.3664	255	-0.5134	337	0.1076
204	-0.3694	256	-0.4844	338	0.1066
205	0.3506	257	-0.3994	339	0.1056
206	0.3796	258	-0.2274	340	0.1036
207	0.3696	259	-0.0424	341	0.1066
208	0.3716	260	0.0706	350	0.0836
210	0.4876	261	0.1406	351	0.0856
211	0.4846	262	0.1396	352	0.0886
212	0.3406	263	-0.0844	353	0.0856
213	-0.6704	264	-0.0424	354	0.0866
214	-0.5724	265	0.2186	355	0.0886
215	-0.4494	266	0.2826		
216	-0.2764	267	-0.0984		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1239
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.100
TUNNEL DYNAMIC PRESSURE(PSF) = 763.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 900.
REYNOLDS NUMBER PER FOOT = 3.9700E 06
MODEL ANGLE OF ATTACK(DEG) = 2.02
FIN ANGLE(DEG) = -0.64
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9744
247	0.9734
347	0.9744
447	0.9744
547	0.9754
647	0.9754
747	0.9754

ORF	CP	ORF	CP	ORF	CP
1	0.2564	52	0.1274	102	-0.1176
2	-0.1006	53	-0.0916	103	-0.5006
3	-0.1546	54	-0.2486	104	-0.4806
4	-0.0376	55	0.3654	105	-0.3106
5	0.0554	56	0.3244	110	-0.1756
6	0.1174	57	0.3064	111	-0.2036
7	0.1614	58	0.2874	112	-0.1536
8	0.1884	59	0.2654	113	-0.1966
9	0.2004	60	0.2424	114	0.1054
10	0.1934	61	0.2084	115	0.1034
11	0.1844	62	0.1704	116	0.1034
12	0.1724	63	0.1114	117	0.1034
13	0.1484	64	-0.2716	118	0.1044
14	0.0084	65	-0.2666	119	0.1024
15	-0.0676	66	0.3694	120	-0.1736
16	0.0264	67	0.3244	121	0.0924
17	0.0184	68	0.2894	122	0.1044
18	0.0844	69	0.2624	123	0.1064
19	0.1344	70	0.2344	124	-0.1026
20	0.1804	71	0.2024	125	-0.0926
21	0.2014	72	0.1564	126	-0.0426
22	0.2124	73	0.0724	127	-0.0656
23	0.2074	74	-0.2856	128	-0.0666
24	0.2064	75	0.3604	129	-0.2036
25	0.1914	76	0.3194	135	-0.0546
26	0.1714	77	0.2744	136	-0.0576
27	0.1334	78	0.2304	137	-0.0636
28	0.0034	79	0.1734	138	0.0184
29	-0.1046	80	0.1134	139	0.0234
30	0.0914	81	-0.0096	140	0.0284
32	0.2064	82	-0.2996	141	0.1214
33	0.2144	83	0.3054	142	0.1234
34	0.2294	84	0.2674	143	0.1164
35	0.2294	85	0.1944	145	-0.0606
36	0.2304	86	0.1374	147	0.1204
37	0.2224	87	0.0894	151	0.0424
38	0.2054	88	0.0024	152	-0.1146
39	0.1794	89	-0.3146	153	-0.2756
40	0.1344	90	0.2304	154	-0.3706
41	0.0314	91	0.1474	155	0.2714
42	-0.1736	92	0.1124	156	0.1914
43	0.2884	93	0.0714	157	0.0234
44	0.2824	94	0.0044	158	0.5814
45	0.2804	95	-0.3046	159	0.3314
46	0.2794	96	-0.4626	160	0.2994
47	0.2674	97	-0.2736	161	0.1894
48	0.2514	98	0.2104	162	0.4614
49	0.2294	99	0.1684	163	0.3704
50	0.2104	100	-0.0236	164	0.0264
51	0.1754	101	-0.1486	165	0.0984

ORF	CP	ORF	CP	ORF	CP
166	0.5204	217	-0.0246	268	-0.0566
167	0.3664	218	0.1524	269	0.2804
168	0.3134	219	0.2044	270	0.3874
169	0.1774	220	0.1904	271	-0.1256
170	0.2924	221	-0.4846	272	-0.1436
171	0.2854	222	-0.2206	273	0.2774
172	0.0524	223	0.0124	274	0.3394
173	0.1354	224	-0.0386	275	0.5224
174	0.0194	225	0.4864	276	0.4734
175	-0.1766	226	0.3414	277	0.3434
176	-0.3896	227	-0.8346	278	-0.4486
177	-0.1516	228	-0.7286	279	-0.4266
178	-0.2796	229	-0.6536	280	-0.3686
179	-0.1976	230	-0.4386	281	-0.2136
180	-0.3576	231	-0.0016	282	0.0384
181	0.3654	232	0.1394	283	0.1464
182	0.5354	233	0.1984	284	0.2054
183	0.5324	234	0.1924	285	0.1634
184	0.7224	235	-0.0706	286	-0.1396
185	0.8224	236	-0.2156	287	-0.1716
186	0.9784	237	-0.1376	288	0.2384
187	1.0564	238	-0.1326	289	0.3464
188	1.0974	239	0.4274	290	0.2824
189	1.1534	240	0.3234	291	-0.2976
190	-0.3516	241	-0.4546	292	0.1034
191	-0.3526	242	-0.4446	325	0.1104
192	-0.3516	244	-0.1676	326	0.1054
193	-0.3506	245	0.0304	327	0.1084
194	-0.3526	246	0.1174	328	0.1114
195	-0.3486	247	0.1624	329	0.1124
196	-0.3586	248	0.1594	330	0.1124
197	-0.3496	249	0.0144	331	0.1064
198	-0.3546	250	-0.0436	332	0.1094
199	-0.3626	251	-0.0476	333	0.1124
200	-0.3476	252	-0.0016	334	0.1114
201	-0.3496	253	0.3984	335	0.1134
202	-0.3496	254	0.2654	336	0.1114
203	-0.3536	255	-0.3406	337	0.1114
204	-0.3546	256	-0.3196	338	0.1054
205	0.3894	257	-0.3086	339	0.1074
206	0.4264	258	-0.1956	340	0.1114
207	0.4174	259	0.0204	341	0.1114
208	0.4074	260	0.1254	350	0.1034
210	0.5484	261	0.1794	351	0.1004
211	0.5454	262	0.1724	352	0.1014
212	0.4104	263	-0.0436	353	0.1004
213	-0.6796	264	-0.0156	354	0.1014
214	-0.6586	265	0.2524	355	0.1034
215	-0.5946	266	0.3234		
216	-0.4326	267	-0.0576		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1240
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 762.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 902.
REYNOLDS NUMBER PER FOOT = 3.9690E 06
MODEL ANGLE OF ATTACK(DEG) = 4.02
FIN ANGLE(DEG) = -0.83
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9723
247	0.9713
347	0.9713
447	0.9713
547	0.9723
647	0.9723
747	0.9723

ORF	CP	ORF	CP	ORF	CP
1	0.2613	52	0.1513	102	-0.1087
2	0.0033	53	-0.0767	103	-0.4947
3	0.0183	54	-0.2077	104	-0.4637
4	0.0983	55	0.4293	105	-0.2927
5	0.1673	56	0.3843	110	-0.1927
6	0.2023	57	0.3673	111	-0.2227
7	0.2223	58	0.3393	112	-0.1667
8	0.2293	59	0.3113	113	-0.2057
9	0.2313	60	0.2813	114	0.0913
10	0.2303	61	0.2443	115	0.0943
11	0.2193	62	0.2003	116	0.0943
12	0.2043	63	0.1313	117	0.0903
13	0.1713	64	-0.2607	118	0.0913
14	0.0293	65	-0.2417	119	0.0903
15	-0.0417	66	0.4443	120	-0.1737
16	0.1573	67	0.3833	121	0.0823
17	0.1573	68	0.3413	122	0.0913
18	0.1843	69	0.3063	123	0.0873
19	0.2043	70	0.2723	124	-0.1027
20	0.2323	71	0.2323	125	-0.0887
21	0.2413	72	0.1833	126	-0.0387
22	0.2443	73	0.0913	127	-0.0657
23	0.2423	74	-0.2697	128	-0.0757
24	0.2383	75	0.4293	129	-0.2047
25	0.2253	76	0.3723	135	-0.0657
26	0.2013	77	0.3213	136	-0.0667
27	0.1553	78	0.2713	137	-0.0707
28	0.0293	79	0.2093	138	-0.0067
29	-0.0697	80	0.1363	139	-0.0007
30	0.2633	81	0.0043	140	0.0053
32	0.2723	82	-0.2917	141	0.1173
33	0.2713	83	0.3693	142	0.1133
34	0.2723	84	0.3233	143	0.1083
35	0.2683	85	0.2413	145	-0.0707
36	0.2643	86	0.1643	147	0.1143
37	0.2553	87	0.1003	151	0.0693
38	0.2363	88	0.0033	152	-0.0927
39	0.2073	89	-0.3107	153	-0.2387
40	0.1603	90	0.2983	154	-0.3587
41	0.0503	91	0.1643	155	0.2753
42	-0.1227	92	0.1123	156	0.2073
43	0.3643	93	0.0633	157	0.0343
44	0.3393	94	-0.0047	158	0.5453
45	0.3363	95	-0.3067	159	0.3263
46	0.3253	96	-0.4667	160	0.2953
47	0.3123	97	-0.2537	161	0.1833
48	0.2953	98	0.2183	162	0.4433
49	0.2723	99	0.1123	163	0.3463
50	0.2453	100	-0.0087	164	-0.0017
51	0.2063	101	-0.1487	165	0.0803

ORF	CP	ORF	CP	ORF	CP
166	0.4613	217	-0.0247	268	-0.0387
167	0.3543	218	0.1793	269	0.2843
168	0.2913	219	0.2423	270	0.3963
169	0.1433	220	0.2183	271	-0.1147
170	0.2943	221	-0.4817	272	-0.1117
171	0.2963	222	-0.2247	273	0.3023
172	0.0513	223	0.0193	274	0.3603
173	0.1743	224	-0.0307	275	0.5303
174	0.0463	225	0.5253	276	0.4513
175	-0.1337	226	0.3843	277	0.3303
176	-0.3777	227	-0.8567	278	-0.3407
177	-0.1277	228	-0.7847	279	-0.2977
178	-0.2377	229	-0.7127	280	-0.2127
179	-0.1447	230	-0.4857	281	-0.0397
180	-0.3587	231	0.0313	282	0.1543
181	0.3503	232	0.1773	283	0.1893
182	0.5143	233	0.2303	284	0.2333
183	0.5553	234	0.2213	285	0.1863
184	0.7833	235	-0.0577	286	-0.1307
185	0.9143	236	-0.2167	287	-0.1397
186	0.9693	237	-0.1407	288	0.2763
187	1.0603	238	-0.1237	289	0.3433
188	1.1163	239	0.4743	290	0.2933
189	1.1663	240	0.3693	291	-0.3597
190	-0.3517	241	-0.4537	292	0.0623
191	-0.3517	242	-0.4187	325	0.0983
192	-0.3507	244	-0.2017	326	0.0983
193	-0.3507	245	0.0363	327	0.1003
194	-0.3537	246	0.1473	328	0.0983
195	-0.3497	247	0.2003	329	0.1023
196	-0.3557	248	0.1943	330	0.1013
197	-0.3517	249	0.0363	331	0.0993
198	-0.3557	250	-0.0317	332	0.1003
199	-0.3557	251	-0.0307	333	0.1003
200	-0.3497	252	0.0253	334	0.1033
201	-0.3497	253	0.4303	335	0.1013
202	-0.3467	254	0.2973	336	0.0983
203	-0.3517	255	-0.2907	337	0.0983
204	-0.3517	256	-0.2527	338	0.0973
205	0.3873	257	-0.2187	339	0.1003
206	0.4273	258	-0.0887	340	0.0983
207	0.4213	259	0.0933	341	0.1033
208	0.4163	260	0.1643	350	0.0913
210	0.5843	261	0.2113	351	0.0903
211	0.5783	262	0.1993	352	0.0903
212	0.4383	263	-0.0207	353	0.0903
213	-0.6817	264	0.0053	354	0.0903
214	-0.6577	265	0.2623	355	0.0903
215	-0.5927	266	0.3283		
216	-0.4557	267	-0.0417		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1241
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 761.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 904.
REYNOLDS NUMBER PER FOOT = 3.9670E 06
MODEL ANGLE OF ATTACK(DEG) = 5.95
FIN ANGLE(DEG) = -0.80
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9701
247	0.9691
347	0.9691
447	0.9701
547	0.9701
647	0.9691
747	0.9701

ORF	CP	ORF	CP	ORF	CP
1	0.3611	52	0.1871	102	-0.0899
2	0.1221	53	-0.0559	103	-0.4789
3	0.1441	54	-0.1949	104	-0.4389
4	0.2091	55	0.5061	105	-0.2779
5	0.2551	56	0.4531	110	-0.2059
6	0.2651	57	0.4311	111	-0.2339
7	0.2861	58	0.3951	112	-0.1709
8	0.2961	59	0.3641	113	-0.2089
9	0.2941	60	0.3301	114	0.0821
10	0.2881	61	0.2861	115	0.0801
11	0.2771	62	0.2341	116	0.0821
12	0.2561	63	0.1561	117	0.0861
13	0.2181	64	-0.2489	118	0.0831
14	0.0671	65	-0.2179	119	0.0791
15	-0.0099	66	0.5131	120	-0.1939
16	0.2891	67	0.4461	121	0.0671
17	0.2661	68	0.3991	122	0.0771
18	0.2901	69	0.3551	123	0.0801
19	0.2991	70	0.3121	124	-0.1209
20	0.3031	71	0.2691	125	-0.0989
21	0.3101	72	0.2111	126	-0.0529
22	0.3111	73	0.1111	127	-0.0739
23	0.3041	74	-0.2459	128	-0.1849
24	0.2971	75	0.4931	129	-0.2469
25	0.2801	76	0.4221	135	-0.0689
26	0.2551	77	0.3651	136	-0.0769
27	0.2071	78	0.3101	137	-0.0839
28	0.0681	79	0.2421	138	-0.0139
29	-0.0489	80	0.1621	139	-0.0029
30	0.3891	81	0.0161	140	-0.0019
32	0.3641	82	-0.2749	141	0.1251
33	0.3531	83	0.4241	142	0.1201
34	0.3451	84	0.3711	143	0.1131
35	0.3341	85	0.2801	145	-0.0729
36	0.3261	86	0.1951	147	0.1191
37	0.3171	87	0.1171	151	0.1191
38	0.2901	88	0.0071	152	-0.0659
39	0.2601	89	-0.3059	153	-0.1829
40	0.2081	90	0.3491	154	-0.3459
41	0.0901	91	0.1921	155	0.2601
42	-0.0989	92	0.1211	156	0.2551
43	0.4701	93	0.0631	157	0.0761
44	0.4281	94	-0.0189	158	0.5781
45	0.4061	95	-0.2949	159	0.3701
46	0.3931	96	-0.4829	160	0.3421
47	0.3751	97	-0.2489	161	0.2231
48	0.3501	98	-0.0329	162	0.4891
49	0.3251	99	-0.1309	163	0.3901
50	0.2961	100	-0.1589	164	-0.0069
51	0.2521	101	-0.1379	165	0.1171

ORF	CP	ORF	CP	ORF	CP
166	0.4361	217	0.0351	268	-0.0279
167	0.3671	218	0.2131	269	0.3211
168	0.3151	219	0.2661	270	0.4271
169	0.1671	220	0.2421	271	-0.1029
170	0.4041	221	-0.4679	272	-0.1109
171	0.2581	222	-0.1949	273	0.3351
172	0.0381	223	0.0321	274	0.3871
173	0.1761	224	-0.0169	275	0.5281
174	0.0491	225	0.5591	276	0.5061
175	-0.1709	226	0.4121	277	0.4011
176	-0.3779	227	-0.8609	278	-0.2549
177	-0.0809	228	-0.7719	279	-0.1519
178	-0.2009	229	-0.6829	280	-0.0399
179	-0.1349	230	-0.4119	281	0.1321
180	-0.3619	231	0.0711	282	0.2451
181	0.4081	232	0.2171	283	0.2721
182	0.5791	233	0.2601	284	0.2891
183	0.4511	234	0.2481	285	0.2311
184	0.6671	235	-0.0329	286	-0.1239
185	0.7871	236	-0.1969	287	-0.1279
186	0.9031	237	-0.1209	288	0.3021
187	1.0391	238	-0.1119	289	0.3361
188	1.1171	239	0.5291	290	0.3281
189	1.1741	240	0.4211	291	-0.4429
190	-0.3549	241	-0.4679	292	0.0181
191	-0.3489	242	-0.4039	325	0.0901
192	-0.3549	244	-0.1389	326	0.0901
193	-0.3559	245	0.0761	327	0.0901
194	-0.3569	246	0.1811	328	0.0921
195	-0.3479	247	0.2431	329	0.0891
196	-0.3559	248	0.2331	330	0.0891
197	-0.3559	249	0.0601	331	0.0901
198	-0.3599	250	-0.0169	332	0.0911
199	-0.3599	251	-0.0089	333	0.0941
200	-0.3509	252	0.0551	334	0.0921
201	-0.3519	253	0.5031	335	0.0901
202	-0.3549	254	0.3681	336	0.0911
203	-0.3539	255	-0.3029	337	0.0901
204	-0.3529	256	-0.2619	338	0.0891
205	0.3461	257	-0.1949	339	0.0921
206	0.3941	258	-0.0339	340	0.0921
207	0.3781	259	0.1471	341	0.0891
208	0.3851	260	0.2341	350	0.0781
210	0.6091	261	0.2641	351	0.0761
211	0.6021	262	0.2461	352	0.0781
212	0.4601	263	0.0011	353	0.0771
213	-0.6829	264	0.0151	354	0.0791
214	-0.6479	265	0.3001	355	0.0781
215	-0.5839	266	0.3601		
216	-0.4029	267	-0.0189		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1242
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 764.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 897.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 7.97
FIN ANGLE(DEG) = -0.68
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9749
247	0.9739
347	0.9739
447	0.9749
547	0.9799
647	0.9789
747	0.9789

ORF	CP	ORF	CP	ORF	CP
1	0.4369	52	0.2199	102	-0.0631
2	0.1419	53	-0.0351	103	-0.4421
3	0.1769	54	-0.1501	104	-0.4161
4	0.2559	55	0.5599	105	-0.2701
5	0.2969	56	0.5049	110	-0.1881
6	0.3239	57	0.4769	111	-0.2141
7	0.3359	58	0.4439	112	-0.1481
8	0.3399	59	0.4109	113	-0.1871
9	0.3449	60	0.3709	114	0.0739
10	0.3389	61	0.3249	115	0.0749
11	0.3289	62	0.2669	116	0.0749
12	0.3089	63	0.1819	117	0.0729
13	0.2729	64	-0.2271	118	0.0739
14	0.1069	65	-0.1821	119	0.0759
15	0.0229	66	0.5649	120	-0.1781
16	0.3619	67	0.5009	121	0.0629
17	0.3529	68	0.4469	122	0.0719
18	0.3559	69	0.3999	123	0.0749
19	0.3649	70	0.3569	124	-0.1321
20	0.3729	71	0.3049	125	-0.1041
21	0.3679	72	0.2439	126	-0.0571
22	0.3689	73	0.1369	127	-0.0771
23	0.3619	74	-0.2111	128	-0.1211
24	0.3519	75	0.5509	129	-0.2361
25	0.3379	76	0.4719	135	-0.0841
26	0.3099	77	0.4059	136	-0.0941
27	0.2599	78	0.3429	137	-0.0941
28	0.1139	79	0.2779	138	0.0059
29	-0.0201	80	0.1939	139	0.0089
30	0.4599	81	0.0389	140	0.0129
32	0.4279	82	-0.2461	141	0.1169
33	0.4149	83	0.4789	142	0.1159
34	0.4029	84	0.4229	143	0.1149
35	0.3929	85	0.3279	145	-0.0831
36	0.3849	86	0.2359	147	0.1149
37	0.3659	87	0.1489	151	0.1609
38	0.3429	88	0.0289	152	-0.0321
39	0.3129	89	-0.2821	153	-0.1411
40	0.2589	90	0.4059	154	-0.3261
41	0.1299	91	0.2379	155	0.2539
42	-0.0661	92	0.1509	156	0.3159
43	0.5349	93	0.0819	157	0.1269
44	0.4899	94	-0.0081	158	0.6439
45	0.4619	95	-0.2961	159	0.4239
46	0.4489	96	-0.5141	160	0.3979
47	0.4269	97	-0.1961	161	0.2759
48	0.4029	98	-0.3771	162	0.5789
49	0.3729	99	-0.3881	163	0.4719
50	0.3379	100	-0.3271	164	0.0069
51	0.2889	101	-0.1101	165	0.1839

ORF	CP	ORF	CP	ORF	CP
166	0.4719	217	0.0449	268	-0.0131
167	0.4429	218	0.2339	269	0.3629
168	0.3899	219	0.3019	270	0.4719
169	0.2239	220	0.2739	271	-0.0711
170	0.4519	221	-0.4441	272	-0.1001
171	0.3279	222	-0.1791	273	0.3609
172	0.0809	223	0.0559	274	0.4269
173	0.1779	224	0.0109	275	0.5589
174	0.0689	225	0.6029	276	0.5999
175	-0.2001	226	0.4589	277	0.4819
176	-0.3731	227	-0.8411	278	-0.2851
177	-0.0411	228	-0.7731	279	-0.1981
178	-0.1761	229	-0.7071	280	-0.0461
179	-0.1251	230	-0.4291	281	0.1699
180	-0.3511	231	0.0879	282	0.2929
181	0.4819	232	0.2519	283	0.3199
182	0.6479	233	0.2969	284	0.3469
183	0.4929	234	0.2829	285	0.2859
184	0.7509	235	-0.0071	286	-0.0901
185	0.8989	236	-0.1741	287	-0.1141
186	1.0539	237	-0.0931	288	0.3049
187	1.1879	238	-0.0831	289	0.3659
188	1.2399	239	0.5819	290	0.3729
189	1.2459	240	0.4759	291	-0.8221
190	-0.3371	241	-0.4731	292	-0.0221
191	-0.3271	242	-0.4171	325	0.0829
192	-0.3381	244	-0.1381	326	0.0789
193	-0.3361	245	0.0999	327	0.0819
194	-0.3411	246	0.2189	328	0.0799
195	-0.3251	247	0.2839	329	0.0809
196	-0.3481	248	0.2749	330	0.0819
197	-0.3391	249	0.0949	331	0.0799
198	-0.3441	250	0.0079	332	0.0819
199	-0.3461	251	0.0229	333	0.0799
200	-0.3321	252	0.0869	334	0.0819
201	-0.3341	253	0.5909	335	0.0829
202	-0.3351	254	0.4519	336	0.0819
203	-0.3371	255	-0.2811	337	0.0819
204	-0.3361	256	-0.2481	338	0.0799
205	0.2949	257	-0.1961	339	0.0809
206	0.3569	258	-0.0451	340	0.0799
207	0.3309	259	0.1809	341	0.0809
208	0.3559	260	0.2709	350	0.0749
210	0.6579	261	0.3129	351	0.0749
211	0.6439	262	0.2969	352	0.0749
212	0.4979	263	0.0319	353	0.0729
213	-0.6631	264	0.0339	354	0.0719
214	-0.6371	265	0.3389	355	0.0759
215	-0.5661	266	0.4089		
216	-0.3521	267	0.0119		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1243
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 761.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 904.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = -0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9701
247	0.9691
347	0.9701
447	0.9701
547	0.9671
647	0.9661
747	0.9661

ORF	CP	ORF	CP	ORF	CP
1	0.5871	52	0.2671	102	0.0001
2	0.3181	53	-0.0079	103	-0.4379
3	0.3581	54	0.0251	104	-0.3899
4	0.4151	55	0.6771	105	-0.2839
5	0.4471	56	0.6081	110	-0.1929
6	0.4571	57	0.5611	111	-0.1989
7	0.4601	58	0.5191	112	-0.1209
8	0.4601	59	0.4821	113	-0.1819
9	0.4551	60	0.4441	114	0.0411
10	0.4401	61	0.3901	115	0.0431
11	0.4221	62	0.3221	116	0.0431
12	0.3971	63	0.2231	117	0.0411
13	0.3491	64	-0.1969	118	0.0431
14	0.1671	65	-0.0149	119	0.0441
15	0.0771	66	0.6621	120	-0.2089
16	0.5491	67	0.5911	121	0.0341
17	0.5171	68	0.5301	122	0.0451
18	0.5091	69	0.4751	123	0.0421
19	0.5051	70	0.4201	124	-0.1849
20	0.5011	71	0.3631	125	-0.1679
21	0.4901	72	0.2951	126	-0.1349
22	0.4811	73	0.1711	127	-0.1519
23	0.4641	74	-0.0659	128	-0.1429
24	0.4441	75	0.6361	129	-0.2629
25	0.4241	76	0.5491	135	-0.1279
26	0.3911	77	0.4771	136	-0.1399
27	0.3301	78	0.4021	137	-0.1389
28	0.1641	79	0.3241	138	0.0051
29	0.0431	80	0.2311	139	0.0061
30	0.6271	81	0.0671	140	0.0021
32	0.5621	82	-0.1469	141	0.1011
33	0.5391	83	0.5571	142	0.1181
34	0.5181	84	0.4981	143	0.1251
35	0.4981	85	0.3961	145	-0.1379
36	0.4801	86	0.2991	147	0.1101
37	0.4531	87	0.2021	151	0.2181
38	0.4231	88	0.0651	152	0.0111
39	0.3811	89	-0.2049	153	-0.0869
40	0.3151	90	0.4841	154	-0.3039
41	0.1661	91	0.3101	155	0.2641
42	0.0241	92	0.2121	156	0.3991
43	0.6701	93	0.1341	157	0.1831
44	0.6141	94	0.0331	158	0.7641
45	0.5721	95	-0.2249	159	0.4881
46	0.5431	96	-0.4849	160	0.4521
47	0.5201	97	-0.1549	161	0.3231
48	0.4881	98	-0.6909	162	0.6311
49	0.4491	99	-0.5119	163	0.5171
50	0.4051	100	-0.2529	164	0.0021
51	0.3491	101	-0.0459	165	0.2091

ORF	CP	ORF	CP	ORF	CP
166	0.4651	217	0.0031	268	0.0311
167	0.4811	218	0.1891	269	0.4431
168	0.4141	219	0.3401	270	0.5551
169	0.2181	220	0.3161	271	-0.0139
170	0.5481	221	-0.3979	272	-0.0589
171	0.3241	222	-0.1359	273	0.4201
172	0.0681	223	0.0941	274	0.4681
173	0.2221	224	0.0451	275	0.5371
174	0.1111	225	0.6571	276	0.7681
175	-0.1849	226	0.5051	277	0.6381
176	-0.3839	227	-0.2829	278	-0.1799
177	0.0081	228	-0.2709	279	-0.0909
178	-0.1299	229	-0.2529	280	0.1121
179	-0.1139	230	-0.1909	281	0.3301
180	-0.3879	231	0.0051	282	0.4361
181	0.5871	232	0.2011	283	0.4481
182	0.7591	233	0.3431	284	0.4481
183	0.5621	234	0.3261	285	0.3611
184	0.8721	235	0.0431	286	-0.0269
185	1.1141	236	-0.1269	287	-0.0649
186	1.2431	237	-0.0409	288	0.3031
187	1.2661	238	-0.0419	289	0.3511
188	1.2611	239	0.6301	290	0.4491
189	1.1791	240	0.5241	291	-0.8379
190	-0.3589	241	-0.3409	292	-0.0569
191	-0.3389	242	-0.2829	325	0.0551
192	-0.3599	244	-0.0239	326	0.0531
193	-0.3599	245	0.1951	327	0.0531
194	-0.3679	246	0.2871	328	0.0561
195	-0.3399	247	0.3451	329	0.0571
196	-0.3749	248	0.3351	330	0.0561
197	-0.3629	249	0.1401	331	0.0531
198	-0.3689	250	0.0571	332	0.0531
199	-0.3709	251	0.0821	333	0.0561
200	-0.3509	252	0.1401	334	0.0581
201	-0.3589	253	0.7151	335	0.0561
202	-0.3609	254	0.5601	336	0.0541
203	-0.3659	255	-0.1339	337	0.0551
204	-0.3619	256	-0.1189	338	0.0521
205	0.1681	257	-0.0879	339	0.0531
206	0.2241	258	0.0361	340	0.0561
207	0.1991	259	0.2711	341	0.0571
208	0.2951	260	0.3631	350	0.0451
210	0.7341	261	0.3961	351	0.0441
211	0.6841	262	0.3701	352	0.0481
212	0.5321	263	0.0751	353	0.0481
213	-0.3049	264	0.0801	354	0.0491
214	-0.2779	265	0.4151	355	0.0481
215	-0.2509	266	0.4911		
216	-0.1899	267	0.0601		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1244
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 761.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 902.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 14.18
FIN ANGLE(DEG) = -0.49
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9717
247	0.9707
347	0.9707
447	0.9717
547	0.9677
647	0.9677
747	0.9667

ORF	CP	ORF	CP	ORF	CP
1	0.6507	52	0.2977	102	0.0107
2	0.3717	53	0.0137	103	-0.4663
3	0.4167	54	0.0607	104	-0.4033
4	0.4837	55	0.7277	105	-0.2963
5	0.5157	56	0.6627	110	-0.1403
6	0.5257	57	0.6097	111	-0.1683
7	0.5267	58	0.5627	112	-0.1023
8	0.5197	59	0.5187	113	-0.1863
9	0.5087	60	0.4817	114	0.0367
10	0.4947	61	0.4287	115	0.0367
11	0.4697	62	0.3547	116	0.0357
12	0.4407	63	0.2497	117	0.0327
13	0.3947	64	-0.1353	118	0.0327
14	0.2007	65	0.0397	119	0.0367
15	0.1037	66	0.7097	120	-0.2003
16	0.6237	67	0.6377	121	0.0257
17	0.5917	68	0.5747	122	0.0327
18	0.5797	69	0.5177	123	0.0347
19	0.5707	70	0.4597	124	-0.2143
20	0.5597	71	0.3997	125	-0.1873
21	0.5507	72	0.3267	126	-0.1503
22	0.5357	73	0.1967	127	-0.1693
23	0.5167	74	0.0147	128	-0.1873
24	0.4927	75	0.6807	129	-0.2583
25	0.4667	76	0.5927	135	-0.1513
26	0.4317	77	0.5167	136	-0.1633
27	0.3677	78	0.4417	137	-0.1553
28	0.1937	79	0.3567	138	0.0107
29	0.0757	80	0.2597	139	0.0117
30	0.6967	81	0.0897	140	0.0067
32	0.6227	82	-0.0233	141	0.1097
33	0.5977	83	0.5957	142	0.1187
34	0.5727	84	0.5397	143	0.1257
35	0.5477	85	0.4357	145	-0.1573
36	0.5267	86	0.3327	147	0.1127
37	0.4987	87	0.2327	151	0.2427
38	0.4627	88	0.0937	152	0.0277
39	0.4187	89	-0.0593	153	-0.0623
40	0.3477	90	0.5237	154	-0.2863
41	0.1937	91	0.3437	155	0.2387
42	0.0637	92	0.2377	156	0.4177
43	0.7297	93	0.1617	157	0.2017
44	0.6727	94	0.0627	158	0.7977
45	0.6277	95	-0.0833	159	0.4947
46	0.5957	96	-0.4863	160	0.4577
47	0.5677	97	-0.1363	161	0.3307
48	0.5327	98	-0.7893	162	0.6577
49	0.4917	99	-0.4873	163	0.5227
50	0.4447	100	-0.2773	164	0.0117
51	0.3827	101	-0.0423	165	0.2097

ORF	CP	ORF	CP	ORF	CP
166	0.4877	217	0.0197	268	0.0487
167	0.4867	218	0.1987	269	0.4827
168	0.3977	219	0.3707	270	0.5977
169	0.2037	220	0.3487	271	-0.0063
170	0.5937	221	-0.3593	272	-0.0463
171	0.3217	222	-0.1203	273	0.4567
172	0.0567	223	0.1247	274	0.5107
173	0.2767	224	0.0697	275	0.5457
174	0.1327	225	0.6907	276	0.8517
175	-0.1223	226	0.5337	277	0.6927
176	-0.3863	227	-0.1853	278	-0.1493
177	0.0237	228	-0.2023	279	-0.0583
178	-0.1033	229	-0.1873	280	0.1067
179	-0.1053	230	-0.1453	281	0.3957
180	-0.3973	231	0.0107	282	0.5127
181	0.6327	232	0.2127	283	0.5157
182	0.8017	233	0.3777	284	0.5037
183	0.6087	234	0.3547	285	0.4007
184	0.9517	235	0.0647	286	-0.0223
185	1.2107	236	-0.1003	287	-0.0363
186	1.2427	237	-0.0063	288	0.3177
187	1.2297	238	-0.0083	289	0.3607
188	1.2077	239	0.6677	290	0.4907
189	1.0717	240	0.5617	291	-0.8313
190	-0.3583	241	-0.2693	292	-0.0403
191	-0.3273	242	-0.2293	325	0.0467
192	-0.3633	244	0.0097	326	0.0507
193	-0.3623	245	0.2347	327	0.0487
194	-0.3683	246	0.3347	328	0.0507
195	-0.3293	247	0.3887	329	0.0487
196	-0.3843	248	0.3697	330	0.0487
197	-0.3653	249	0.1677	331	0.0517
198	-0.3723	250	0.0847	332	0.0497
199	-0.3763	251	0.1167	333	0.0517
200	-0.3433	252	0.1727	334	0.0497
201	-0.3623	253	0.7787	335	0.0487
202	-0.3713	254	0.5997	336	0.0447
203	-0.3723	255	-0.0493	337	0.0477
204	-0.3643	256	-0.0423	338	0.0507
205	0.0787	257	-0.0223	339	0.0487
206	0.1557	258	0.1017	340	0.0487
207	0.1127	259	0.3317	341	0.0477
208	0.2397	260	0.4157	350	0.0347
210	0.7777	261	0.4347	351	0.0327
211	0.7057	262	0.4047	352	0.0337
212	0.5577	263	0.1027	353	0.0377
213	-0.2123	264	0.1077	354	0.0377
214	-0.1923	265	0.4527	355	0.0347
215	-0.1773	266	0.5387		
216	-0.1453	267	0.0857		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1245
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 68.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.101
TUNNEL DYNAMIC PRESSURE(PSF) = 763.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 899.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.35
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9748
247	0.9738
347	0.9738
447	0.9748
547	0.9758
647	0.9758
747	0.9758

ORF	CP	ORF	CP	ORF	CP
1	0.2588	52	0.0848	102	-0.1212
2	-0.1242	53	-0.1242	103	-0.5072
3	-0.1882	54	-0.2762	104	-0.4892
4	-0.0902	55	0.2788	105	-0.3192
5	0.0258	56	0.2538	110	-0.1642
6	0.0898	57	0.2418	111	-0.1832
7	0.1198	58	0.2278	112	-0.1412
8	0.1458	59	0.2098	113	-0.1932
9	0.1558	60	0.1888	114	0.1118
10	0.1558	61	0.1608	115	0.1138
11	0.1578	62	0.1298	116	0.1128
12	0.1418	63	0.0718	117	0.1038
13	0.1158	64	-0.2872	118	0.1058
14	-0.0192	65	-0.2872	119	0.1058
15	-0.0942	66	0.2778	120	-0.1862
16	-0.0462	67	0.2568	121	0.1008
17	-0.1022	68	0.2368	122	0.1038
18	0.0298	69	0.2088	123	0.1048
19	0.0978	70	0.1868	124	-0.1262
20	0.1368	71	0.1538	125	-0.1022
21	0.1568	72	0.1118	126	-0.0572
22	0.1688	73	0.0338	127	-0.0782
23	0.1718	74	-0.3052	128	-0.0612
24	0.1618	75	0.2768	129	-0.2262
25	0.1618	76	0.2398	135	-0.0612
26	0.1398	77	0.2098	136	-0.0592
27	0.0998	78	0.1718	137	-0.0622
28	-0.0252	79	0.1258	138	0.0268
29	-0.1382	80	0.0808	139	0.0248
30	0.0018	81	-0.0332	140	0.0328
32	0.1588	82	-0.3132	141	0.1228
33	0.1798	83	0.2398	142	0.1238
34	0.1788	84	0.2168	143	0.1148
35	0.1808	85	0.1508	145	-0.0592
36	0.1848	86	0.1188	147	0.1208
37	0.1768	87	0.0758	151	0.0608
38	0.1628	88	-0.0052	152	-0.1232
39	0.1418	89	-0.3232	153	-0.2632
40	0.1088	90	0.1648	154	-0.3862
41	-0.0042	91	0.1418	155	0.2448
42	-0.1942	92	0.0988	156	0.2098
43	0.2448	93	0.0658	157	0.0198
44	0.2338	94	0.0048	158	0.5168
45	0.2208	95	-0.3242	159	0.3388
46	0.2158	96	-0.2182	160	0.2858
47	0.2098	97	-0.2792	161	0.1718
48	0.1988	98	0.2238	162	0.4548
49	0.1878	99	0.2028	163	0.3708
50	0.1658	100	-0.0262	164	0.0308
51	0.1378	101	-0.1622	165	0.0868

ORF	CP	ORF	CP	ORF	CP
166	0.5228	217	-0.0412	268	-0.0742
167	0.3528	218	0.1048	269	0.2528
168	0.3128	219	0.1618	270	0.3418
169	0.1848	220	0.1458	271	-0.1422
170	0.3368	221	-0.4792	272	-0.1482
171	0.2478	222	-0.2212	273	0.2578
172	0.0318	223	0.0018	274	0.3198
173	0.0848	224	-0.0542	275	0.5008
174	-0.0282	225	0.4248	276	0.4798
175	-0.2642	226	0.2838	277	0.3358
176	-0.3932	227	-0.4402	278	-0.6412
177	-0.1342	228	-0.4512	279	-0.5622
178	-0.2632	229	-0.3992	280	-0.3962
179	-0.2132	230	-0.2882	281	-0.2262
180	-0.3592	231	-0.0582	282	-0.0212
181	0.3828	232	0.0838	283	0.0828
182	0.5418	233	0.1498	284	0.1598
183	0.5128	234	0.1418	285	0.1278
184	0.7078	235	-0.0872	286	-0.1502
185	0.7678	236	-0.2142	287	-0.1892
186	0.8298	237	-0.1442	288	0.2258
187	0.8978	238	-0.1512	289	0.3278
188	0.9628	239	0.3818	290	0.2678
189	0.9958	240	0.2738	291	-0.3382
190	-0.3552	241	-0.3412	292	0.1338
191	-0.3602	242	-0.3542	325	0.1168
192	-0.3542	244	-0.1872	326	0.1208
193	-0.3542	245	0.0268	327	0.1188
194	-0.3562	246	0.0988	328	0.1158
195	-0.3522	247	0.1338	329	0.1148
196	-0.3592	248	0.1328	330	0.1178
197	-0.3582	249	-0.0112	331	0.1218
198	-0.3592	250	-0.0622	332	0.1198
199	-0.3582	251	-0.0652	333	0.1168
200	-0.3552	252	-0.0112	334	0.1148
201	-0.3522	253	0.3978	335	0.1178
202	-0.3522	254	0.2698	336	0.1138
203	-0.3512	255	-0.4302	337	0.1178
204	-0.3562	256	-0.4492	338	0.1198
205	0.3658	257	-0.4082	339	0.1198
206	0.3948	258	-0.2542	340	0.1168
207	0.3918	259	-0.0292	341	0.1158
208	0.3898	260	0.0948	350	0.1108
210	0.4968	261	0.1598	351	0.1078
211	0.4948	262	0.1528	352	0.1098
212	0.3588	263	-0.0712	353	0.1078
213	-0.6392	264	-0.0282	354	0.1078
214	-0.5792	265	0.2328	355	0.1058
215	-0.4922	266	0.2918		
216	-0.2732	267	-0.0822		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1246
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.046
TUNNEL DYNAMIC PRESSURE(PSF) = 741.
TUNNEL STAGNATION PRESSURE(PSF) = 1936.
TUNNEL STATIC PRESSURE(PSF) = 969.
REYNOLDS NUMBER PER FOOT = 3.9630E 06
MODEL ANGLE OF ATTACK(DEG) = -14.20
FIN ANGLE(DEG) = -0.70
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9073
247	0.9063
347	0.9063
447	0.9063
547	0.8993
647	0.8993
747	0.8983

ORF	CP	ORF	CP	ORF	CP
1	-0.1557	52	-0.3657	102	-0.3517
2	-0.4317	53	-0.5057	103	-0.7407
3	-0.4267	54	-0.4497	104	-0.7187
4	-0.3087	55	-0.6057	105	-0.6397
5	-0.2487	56	-0.5157	110	-0.0437
6	-0.2187	57	-0.4267	111	-0.0767
7	-0.1967	58	-0.3657	112	-0.0397
8	-0.1847	59	-0.3377	113	-0.1487
9	-0.1817	60	-0.3257	114	0.0623
10	-0.1787	61	-0.3337	115	0.0583
11	-0.1767	62	-0.3687	116	0.0583
12	-0.1877	63	-0.4227	117	0.0553
13	-0.2167	64	-0.5697	118	0.0583
14	-0.3407	65	-0.5567	119	0.0613
15	-0.4087	66	-0.7047	120	-0.2017
16	-0.3487	67	-0.6967	121	0.0473
17	-0.3407	68	-0.6317	122	0.0603
18	-0.2827	69	-0.5347	123	0.0613
19	-0.2557	70	-0.4777	124	-0.1797
20	-0.2317	71	-0.4497	125	-0.1627
21	-0.2097	72	-0.4347	126	-0.1387
22	-0.1987	73	-0.4787	127	-0.1487
23	-0.1897	74	-0.5937	128	-0.1467
24	-0.1937	75	-0.7347	129	-0.2407
25	-0.1927	76	-0.7507	135	-0.1457
26	-0.2067	77	-0.7667	136	-0.1427
27	-0.2467	78	-0.7227	137	-0.1437
28	-0.3567	79	-0.6797	138	-0.0017
29	-0.4247	80	-0.6397	139	0.0103
30	-0.3337	81	-0.6467	140	0.0153
32	-0.2487	82	-0.6697	141	0.2023
33	-0.2387	83	-0.6177	142	0.1963
34	-0.2227	84	-0.7837	143	0.1723
35	-0.2157	85	-0.8097	145	-0.1447
36	-0.2117	86	-0.8087	147	0.1923
37	-0.2137	87	-0.7977	151	-0.0937
38	-0.2247	88	-0.7757	152	-0.2617
39	-0.2417	89	-0.6987	153	-0.2957
40	-0.2857	90	-0.7767	154	-0.3177
41	-0.3817	91	-0.8007	155	-0.1427
42	-0.4337	92	-0.7987	156	-0.1677
43	-0.4607	93	-0.7997	157	-0.2517
44	-0.3387	94	-0.7887	158	0.0503
45	-0.3027	95	-0.6937	159	-0.0747
46	-0.2667	96	-0.2037	160	-0.1417
47	-0.2517	97	-0.4477	161	-0.2207
48	-0.2547	98	0.1173	162	0.0823
49	-0.2617	99	0.1763	163	-0.0247
50	-0.2807	100	-0.2707	164	0.0033
51	-0.3117	101	-0.4337	165	-0.2057

ORF	CP	ORF	CP	ORF	CP
166	0.2423	217	-0.6247	268	-0.3287
167	0.0503	218	-0.4897	269	-0.0847
168	0.0303	219	-0.1217	270	-0.0297
169	-0.0617	220	-0.0157	271	-0.4107
170	0.0123	221	-0.7997	272	-0.3667
171	-0.0367	222	-0.4737	273	-0.0697
172	-0.1927	223	-0.3497	274	-0.0307
173	-0.1337	224	-0.3447	275	0.1943
174	-0.2167	225	0.3363	276	0.0983
175	-0.3347	226	0.1933	277	-0.0217
176	-0.3917	227	-1.0187	278	-0.7827
177	-0.3177	228	-0.9877	279	-0.7037
178	-0.3427	229	-0.9497	280	-0.6197
179	-0.2927	230	-0.8547	281	-0.4227
180	-0.3577	231	-0.6857	282	-0.2607
181	0.0373	232	-0.4647	283	-0.2177
182	0.1643	233	-0.1037	284	-0.1787
183	0.2533	234	-0.0127	285	-0.1907
184	0.4253	235	-0.3407	286	-0.4207
185	0.4983	236	-0.5607	287	-0.4247
186	0.4883	237	-0.5797	288	-0.0857
187	0.5353	238	-0.4537	289	0.0383
188	0.5693	239	0.2723	290	-0.0557
189	0.5973	240	0.1723	291	-0.2247
190	-0.3597	241	-1.0237	292	0.3633
191	-0.3687	242	-0.9377	325	0.0833
192	-0.3597	244	-0.8197	326	0.0813
193	-0.3637	245	-0.6337	327	0.0833
194	-0.3617	246	-0.3367	328	0.0803
195	-0.3767	247	-0.1227	329	0.0813
196	-0.3827	248	-0.0787	330	0.0793
197	-0.3627	249	-0.3947	331	0.0853
198	-0.3607	250	-0.4367	332	0.0833
199	-0.3637	251	-0.3567	333	0.0813
200	-0.3787	252	-0.1977	334	0.0823
201	-0.3637	253	0.1563	335	0.0803
202	-0.3687	254	0.0173	336	0.0813
203	-0.3637	255	-0.9497	337	0.0823
204	-0.3697	256	-0.8967	338	0.0803
205	0.1293	257	-0.7907	339	0.0843
206	0.1603	258	-0.5847	340	0.0813
207	0.1293	259	-0.3377	341	0.0803
208	0.1223	260	-0.2337	350	0.0553
210	0.4353	261	-0.1777	351	0.0583
211	0.3473	262	-0.1577	352	0.0563
212	0.2263	263	-0.4357	353	0.0563
213	-0.8447	264	-0.3157	354	0.0613
214	-0.8577	265	-0.0987	355	0.0593
215	-0.8167	266	-0.0567		
216	-0.7107	267	-0.4107		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1247
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 746.
TUNNEL STAGNATION PRESSURE(PSF) = 1940.
TUNNEL STATIC PRESSURE(PSF) = 965.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.89
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9084
247	0.9084
347	0.9064
447	0.9084
547	0.9214
647	0.9214
747	0.9214

ORF	CP	ORF	CP	ORF	CP
1	-0.0616	52	-0.3596	102	-0.3766
2	-0.4026	53	-0.5016	103	-0.7396
3	-0.4606	54	-0.4236	104	-0.7276
4	-0.3046	55	-0.6766	105	-0.6376
5	-0.2416	56	-0.5916	110	-0.0366
6	-0.2006	57	-0.4346	111	-0.0656
7	-0.1806	58	-0.3326	112	-0.0296
8	-0.1666	59	-0.2846	113	-0.1306
9	-0.1556	60	-0.2766	114	0.1004
10	-0.1536	61	-0.2976	115	0.1054
11	-0.1546	62	-0.3356	116	0.1034
12	-0.1626	63	-0.3926	117	0.0964
13	-0.1866	64	-0.5386	118	0.0994
14	-0.3186	65	-0.5266	119	0.0974
15	-0.3926	66	-0.6766	120	-0.1396
16	-0.2836	67	-0.7216	121	0.0994
17	-0.2876	68	-0.7016	122	0.1044
18	-0.2376	69	-0.5966	123	0.1034
19	-0.2206	70	-0.4726	124	-0.1306
20	-0.2036	71	-0.3746	125	-0.0956
21	-0.1916	72	-0.3486	126	-0.0726
22	-0.1776	73	-0.3846	127	-0.0896
23	-0.1736	74	-0.5526	128	-0.0756
24	-0.1686	75	-0.7086	129	-0.1746
25	-0.1706	76	-0.7066	135	-0.0796
26	-0.1826	77	-0.7136	136	-0.0726
27	-0.2256	78	-0.7076	137	-0.0766
28	-0.3426	79	-0.6816	138	0.0534
29	-0.4186	80	-0.6376	139	0.0684
30	-0.2676	81	-0.6256	140	0.0654
32	-0.2286	82	-0.6496	141	0.2414
33	-0.2206	83	-0.5796	142	0.2424
34	-0.2136	84	-0.7296	143	0.2324
35	-0.2076	85	-0.7566	145	-0.0746
36	-0.2016	86	-0.7626	147	0.2394
37	-0.1996	87	-0.7666	151	-0.0436
38	-0.2066	88	-0.7406	152	-0.2426
39	-0.2266	89	-0.6686	153	-0.3036
40	-0.2716	90	-0.7286	154	-0.3276
41	-0.3736	91	-0.7426	155	-0.1206
42	-0.4196	92	-0.7296	156	-0.1476
43	-0.4816	93	-0.7516	157	-0.2486
44	-0.3346	94	-0.7566	158	0.0524
45	-0.2706	95	-0.6356	159	-0.0506
46	-0.2446	96	-0.2286	160	-0.1136
47	-0.2406	97	-0.3946	161	-0.2066
48	-0.2416	98	0.1654	162	0.1224
49	-0.2496	99	0.1994	163	0.0044
50	-0.2686	100	-0.2586	164	0.0634
51	-0.3036	101	-0.4116	165	-0.1866

ORF	CP	ORF	CP	ORF	CP
166	0.2744	217	-0.6376	268	-0.2916
167	0.1094	218	-0.5086	269	-0.0366
168	0.0834	219	-0.0536	270	0.0034
169	-0.0196	220	0.0364	271	-0.3806
170	0.0514	221	-0.7756	272	-0.3466
171	0.0744	222	-0.4546	273	-0.0246
172	-0.1216	223	-0.3036	274	0.0074
173	-0.1006	224	-0.3076	275	0.2804
174	-0.1816	225	0.3884	276	0.1824
175	-0.3156	226	0.2424	277	0.0504
176	-0.3856	227	-1.0016	278	-0.8056
177	-0.2846	228	-0.9736	279	-0.7206
178	-0.3266	229	-0.9346	280	-0.5946
179	-0.2606	230	-0.8506	281	-0.4216
180	-0.3366	231	-0.6876	282	-0.2316
181	0.0594	232	-0.4416	283	-0.1796
182	0.1874	233	-0.0236	284	-0.1416
183	0.3114	234	0.0434	285	-0.1536
184	0.5084	235	-0.3146	286	-0.3906
185	0.5264	236	-0.5276	287	-0.3896
186	0.5714	237	-0.5736	288	-0.0396
187	0.6364	238	-0.4516	289	0.0724
188	0.7464	239	0.3484	290	-0.0096
189	0.7494	240	0.2364	291	-0.2686
190	-0.3586	241	-1.0046	292	0.3464
191	-0.3626	242	-0.9126	325	0.1014
192	-0.3526	244	-0.7756	326	0.1054
193	-0.3496	245	-0.6576	327	0.1044
194	-0.3456	246	-0.2406	328	0.1034
195	-0.3556	247	-0.0776	329	0.1004
196	-0.3616	248	-0.0306	330	0.1054
197	-0.3456	249	-0.3826	331	0.1094
198	-0.3426	250	-0.4026	332	0.1054
199	-0.3476	251	-0.3376	333	0.1044
200	-0.3546	252	-0.1656	334	0.1044
201	-0.3386	253	0.2594	335	0.1054
202	-0.3426	254	0.1024	336	0.1044
203	-0.3456	255	-1.0036	337	0.1014
204	-0.3446	256	-0.9436	338	0.1044
205	0.2154	257	-0.8876	339	0.1054
206	0.2434	258	-0.6596	340	0.1054
207	0.2144	259	-0.3166	341	0.1014
208	0.2084	260	-0.1866	350	0.0974
210	0.5184	261	-0.1386	351	0.0924
211	0.4184	262	-0.1136	352	0.0994
212	0.2824	263	-0.4306	353	0.0974
213	-0.8186	264	-0.2776	354	0.0924
214	-0.8396	265	-0.0596	355	0.0914
215	-0.8036	266	-0.0096		
216	-0.7156	267	-0.3926		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1248
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.055
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1941.
TUNNEL STATIC PRESSURE(PSF) = 961.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.85
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9102
247	0.9092
347	0.9092
447	0.9102
547	0.9312
647	0.9312
747	0.9312

ORF	CP	ORF	CP	ORF	CP
1	0.0252	52	-0.2548	102	-0.2848
2	-0.4018	53	-0.3868	103	-0.6928
3	-0.6098	54	-0.3278	104	-0.6898
4	-0.3478	55	-0.6578	105	-0.5488
5	-0.2248	56	-0.6218	110	-0.0838
6	-0.1838	57	-0.4968	111	-0.1078
7	-0.1568	58	-0.3298	112	-0.0718
8	-0.1408	59	-0.1838	113	-0.1478
9	-0.1288	60	-0.1338	114	0.1042
10	-0.1168	61	-0.1408	115	0.1062
11	-0.1048	62	-0.1778	116	0.1062
12	-0.1058	63	-0.2258	117	0.1042
13	-0.1238	64	-0.4878	118	0.1062
14	-0.2558	65	-0.4258	119	0.1102
15	-0.3338	66	-0.6088	120	-0.1148
16	-0.3038	67	-0.6008	121	0.0952
17	-0.4728	68	-0.5658	122	0.1022
18	-0.3408	69	-0.5038	123	0.1012
19	-0.2368	70	-0.4068	124	-0.0898
20	-0.2098	71	-0.3008	125	-0.0558
21	-0.1888	72	-0.2168	126	-0.0148
22	-0.1608	73	-0.2248	127	-0.0418
23	-0.1458	74	-0.4498	128	-0.0258
24	-0.1348	75	-0.6138	129	-0.1488
25	-0.1278	76	-0.5728	135	-0.0298
26	-0.1378	77	-0.5268	136	-0.0268
27	-0.1718	78	-0.4838	137	-0.0278
28	-0.2988	79	-0.4438	138	0.0422
29	-0.3468	80	-0.4088	139	0.0342
30	-0.4088	81	-0.4348	140	0.0432
32	-0.2618	82	-0.4738	141	0.2452
33	-0.2308	83	-0.4908	142	0.2352
34	-0.1968	84	-0.6038	143	0.2362
35	-0.1778	85	-0.5978	145	-0.0268
36	-0.1628	86	-0.5618	147	0.2402
37	-0.1508	87	-0.4828	151	0.0202
38	-0.1498	88	-0.4458	152	-0.2118
39	-0.1678	89	-0.4688	153	-0.2998
40	-0.2118	90	-0.5968	154	-0.3348
41	-0.3198	91	-0.5948	155	-0.0838
42	-0.3238	92	-0.5718	156	-0.0538
43	-0.6598	93	-0.5538	157	-0.1758
44	-0.4248	94	-0.5358	158	0.1282
45	-0.2328	95	-0.5138	159	0.0532
46	-0.1678	96	-0.2508	160	-0.0098
47	-0.1558	97	-0.3508	161	-0.1258
48	-0.1498	98	0.2012	162	0.2122
49	-0.1558	99	0.2142	163	0.0972
50	-0.1678	100	-0.2598	164	0.0462
51	-0.2028	101	-0.3188	165	-0.1268

ORF	CP	ORF	CP	ORF	CP
166	0.3242	217	-0.4488	268	-0.2218
167	0.1462	218	-0.1488	269	0.0472
168	0.1352	219	-0.0088	270	0.0742
169	0.0202	220	0.0012	271	-0.2978
170	0.1032	221	-0.6538	272	-0.2668
171	0.1152	222	-0.4818	273	0.0522
172	-0.0908	223	-0.1918	274	0.0942
173	-0.0418	224	-0.2098	275	0.4122
174	-0.1318	225	0.3482	276	0.2612
175	-0.2958	226	0.1922	277	0.1102
176	-0.3798	227	-1.0058	278	-0.9388
177	-0.2228	228	-0.9648	279	-0.9058
178	-0.3088	229	-0.9198	280	-0.7908
179	-0.2538	230	-0.7918	281	-0.5538
180	-0.3178	231	-0.3178	282	-0.2468
181	0.1422	232	-0.1058	283	-0.1538
182	0.2912	233	-0.0168	284	-0.1038
183	0.3232	234	0.0092	285	-0.0938
184	0.4812	235	-0.2858	286	-0.3028
185	0.5262	236	-0.4428	287	-0.3008
186	0.5842	237	-0.3558	288	0.0452
187	0.6652	238	-0.2778	289	0.1612
188	0.7612	239	0.4052	290	0.0762
189	0.8042	240	0.2912	291	-0.3548
190	-0.3178	241	-0.9848	292	0.2772
191	-0.3268	242	-0.8938	325	0.1122
192	-0.3278	244	-0.7168	326	0.1122
193	-0.3268	245	-0.5288	327	0.1112
194	-0.3238	246	-0.1308	328	0.1152
195	-0.3278	247	-0.0378	329	0.1142
196	-0.3318	248	-0.0078	330	0.1132
197	-0.3288	249	-0.2798	331	0.1142
198	-0.3348	250	-0.2908	332	0.1122
199	-0.3328	251	-0.2108	333	0.1172
200	-0.3318	252	-0.0958	334	0.1162
201	-0.3288	253	0.3492	335	0.1152
202	-0.3278	254	0.1812	336	0.1112
203	-0.3278	255	-1.0088	337	0.1112
204	-0.3198	256	-0.9628	338	0.1132
205	0.3162	257	-0.9188	339	0.1112
206	0.3582	258	-0.8228	340	0.1142
207	0.3262	259	-0.3528	341	0.1122
208	0.3102	260	-0.1338	350	0.1092
210	0.4722	261	-0.0978	351	0.1042
211	0.3782	262	-0.0538	352	0.1042
212	0.2362	263	-0.3438	353	0.1042
213	-0.8168	264	-0.2058	354	0.1052
214	-0.8218	265	0.0262	355	0.1062
215	-0.7728	266	0.0742		
216	-0.6658	267	-0.3118		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1249
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 746.
TUNNEL STAGNATION PRESSURE(PSF) = 1940.
TUNNEL STATIC PRESSURE(PSF) = 964.
REYNOLDS NUMBER PER FOOT = 3.9740E 06
MODEL ANGLE OF ATTACK(DEG) = -6.02
FIN ANGLE(DEG) = -0.73
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9088
247	0.9078
347	0.9078
447	0.9088
547	0.9078
647	0.9088
747	0.9078

ORF	CP	ORF	CP	ORF	CP
1	0.0598	52	-0.1482	102	-0.2562
2	-0.3762	53	-0.3202	103	-0.7002
3	-0.6842	54	-0.2942	104	-0.6742
4	-0.3782	55	-0.6062	105	-0.5322
5	-0.2292	56	-0.4572	110	-0.1332
6	-0.1722	57	-0.2792	111	-0.1542
7	-0.1402	58	-0.1362	112	-0.1132
8	-0.1082	59	-0.0502	113	-0.1762
9	-0.0872	60	-0.0152	114	0.0888
10	-0.0682	61	-0.0252	115	0.0868
11	-0.0572	62	-0.0672	116	0.0838
12	-0.0562	63	-0.1332	117	0.0878
13	-0.0762	64	-0.4462	118	0.0858
14	-0.2102	65	-0.4002	119	0.0878
15	-0.2822	66	-0.5432	120	-0.1372
16	-0.2682	67	-0.4762	121	0.0798
17	-0.4512	68	-0.3562	122	0.0878
18	-0.3582	69	-0.1952	123	0.0888
19	-0.2222	70	-0.0592	124	-0.0962
20	-0.1802	71	-0.0142	125	-0.0652
21	-0.1512	72	-0.0692	126	-0.0242
22	-0.1192	73	-0.1492	127	-0.0502
23	-0.0972	74	-0.4382	128	-0.1162
24	-0.0792	75	-0.4422	129	-0.1842
25	-0.0732	76	-0.4122	135	-0.0322
26	-0.0792	77	-0.3562	136	-0.0292
27	-0.1182	78	-0.2782	137	-0.0302
28	-0.2432	79	-0.2012	138	0.0188
29	-0.2832	80	-0.1692	139	0.0228
30	-0.3512	81	-0.2362	140	0.0178
32	-0.2552	82	-0.3942	141	0.2328
33	-0.1842	83	-0.3152	142	0.2308
34	-0.1532	84	-0.3702	143	0.2298
35	-0.1222	85	-0.3552	145	-0.0312
36	-0.0982	86	-0.3152	147	0.2298
37	-0.0822	87	-0.2702	151	0.0458
38	-0.0812	88	-0.2932	152	-0.1972
39	-0.0942	89	-0.4102	153	-0.2962
40	-0.1362	90	-0.4072	154	-0.3492
41	-0.2392	91	-0.3862	155	-0.0642
42	-0.2792	92	-0.3302	156	-0.0032
43	-0.5612	93	-0.3062	157	-0.1432
44	-0.3312	94	-0.3272	158	0.1958
45	-0.1972	95	-0.4292	159	0.1028
46	-0.1202	96	-0.2552	160	0.0248
47	-0.0902	97	-0.3252	161	-0.0992
48	-0.0702	98	0.1908	162	0.2278
49	-0.0662	99	0.2098	163	0.1198
50	-0.0732	100	-0.2332	164	0.0228
51	-0.1012	101	-0.2842	165	-0.1182

ORF	CP	ORF	CP	ORF	CP
166	0.3378	217	-0.2392	268	-0.1992
167	0.1408	218	-0.0752	269	0.0838
168	0.1228	219	-0.0212	270	0.1178
169	0.0048	220	-0.0222	271	-0.2742
170	0.1128	221	-0.6022	272	-0.2402
171	0.0928	222	-0.4332	273	0.0968
172	-0.1062	223	-0.1572	274	0.1408
173	-0.0222	224	-0.1972	275	0.4338
174	-0.1152	225	0.3098	276	0.2828
175	-0.2692	226	0.1568	277	0.1318
176	-0.3882	227	-0.9782	278	-0.9402
177	-0.1942	228	-0.9182	279	-0.9112
178	-0.2642	229	-0.8662	280	-0.8392
179	-0.2452	230	-0.6732	281	-0.5992
180	-0.3422	231	-0.2022	282	-0.2692
181	0.2008	232	-0.0932	283	-0.1562
182	0.3588	233	-0.0222	284	-0.0752
183	0.3488	234	-0.0152	285	-0.0592
184	0.4968	235	-0.2712	286	-0.2832
185	0.5398	236	-0.3932	287	-0.2792
186	0.5908	237	-0.2862	288	0.0898
187	0.6868	238	-0.2702	289	0.1758
188	0.7758	239	0.4048	290	0.1098
189	0.8118	240	0.2968	291	-0.4122
190	-0.3462	241	-0.9932	292	0.2048
191	-0.3522	242	-0.9072	325	0.0918
192	-0.3532	244	-0.7542	326	0.0958
193	-0.3502	245	-0.3852	327	0.0958
194	-0.3472	246	-0.0852	328	0.0958
195	-0.3532	247	-0.0212	329	0.0938
196	-0.3632	248	0.0068	330	0.0948
197	-0.3502	249	-0.2212	331	0.0958
198	-0.3522	250	-0.2552	332	0.0968
199	-0.3552	251	-0.1732	333	0.0978
200	-0.3512	252	-0.0712	334	0.0968
201	-0.3432	253	0.3668	335	0.0948
202	-0.3482	254	0.2038	336	0.0958
203	-0.3472	255	-1.0072	337	0.0948
204	-0.3482	256	-0.9552	338	0.0968
205	0.3188	257	-0.9092	339	0.0958
206	0.3558	258	-0.8052	340	0.0978
207	0.3408	259	-0.3442	341	0.0948
208	0.3288	260	-0.1392	350	0.0848
210	0.4268	261	-0.0582	351	0.0858
211	0.3328	262	-0.0212	352	0.0868
212	0.1928	263	-0.2722	353	0.0858
213	-0.8302	264	-0.1762	354	0.0868
214	-0.8102	265	0.0698	355	0.0828
215	-0.7532	266	0.1158		
216	-0.5932	267	-0.2622		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1250
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1939.
TUNNEL STATIC PRESSURE(PSF) = 965.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.63
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9087
247	0.9087
347	0.9077
447	0.9087
547	0.9087
647	0.9087
747	0.9067

ORF	CP	ORF	CP	ORF	CP
1	0.1037	52	-0.1143	102	-0.2553
2	-0.3423	53	-0.3143	103	-0.6733
3	-0.6363	54	-0.3213	104	-0.6333
4	-0.3173	55	-0.3303	105	-0.4893
5	-0.1843	56	-0.0873	110	-0.1503
6	-0.1043	57	0.0317	111	-0.1713
7	-0.0523	58	0.0447	112	-0.1243
8	-0.0253	59	0.0317	113	-0.1753
9	-0.0003	60	0.0077	114	0.0897
10	0.0047	61	-0.0223	115	0.0907
11	0.0047	62	-0.0633	116	0.0887
12	-0.0043	63	-0.1223	117	0.0857
13	-0.0333	64	-0.4433	118	0.0917
14	-0.1733	65	-0.4173	119	0.0927
15	-0.2553	66	-0.2573	120	-0.1413
16	-0.2163	67	-0.1203	121	0.0827
17	-0.3883	68	-0.0323	122	0.0927
18	-0.2883	69	-0.0003	123	0.0907
19	-0.1453	70	-0.0113	124	-0.0883
20	-0.0913	71	-0.0363	125	-0.0623
21	-0.0493	72	-0.0743	126	-0.0233
22	-0.0193	73	-0.1403	127	-0.0483
23	-0.0033	74	-0.4403	128	-0.0183
24	0.0017	75	-0.2583	129	-0.1723
25	-0.0023	76	-0.0723	135	-0.0173
26	-0.0193	77	-0.0353	136	-0.0163
27	-0.0653	78	-0.0403	137	-0.0163
28	-0.1963	79	-0.0683	138	0.0417
29	-0.2693	80	-0.1103	139	0.0387
30	-0.2763	81	-0.2183	140	0.0287
32	-0.1493	82	-0.4123	141	0.2317
33	-0.0843	83	-0.2823	142	0.2277
34	-0.0353	84	-0.1353	143	0.2217
35	-0.0073	85	-0.0253	145	-0.0173
36	0.0047	86	-0.0513	147	0.2307
37	0.0067	87	-0.0653	151	0.0347
38	-0.0083	88	-0.1443	152	-0.1923
39	-0.0323	89	-0.4473	153	-0.2733
40	-0.0823	90	-0.3553	154	-0.3523
41	-0.2003	91	-0.2003	155	-0.0173
42	-0.2803	92	-0.0783	156	0.0687
43	-0.3253	93	-0.0653	157	-0.1003
44	-0.1373	94	-0.1233	158	0.2637
45	-0.0273	95	-0.4403	159	0.1377
46	0.0227	96	-0.2433	160	0.0507
47	0.0297	97	-0.3173	161	-0.0593
48	0.0217	98	0.1947	162	0.2477
49	0.0087	99	0.1757	163	0.1287
50	-0.0193	100	-0.2003	164	0.0347
51	-0.0573	101	-0.2883	165	-0.0993

ORF	CP	ORF	CP	ORF	CP
166	0.3667	217	-0.1803	268	-0.1813
167	0.1507	218	-0.0583	269	0.1327
168	0.1327	219	0.0087	270	0.1827
169	0.0137	220	-0.0043	271	-0.2673
170	0.1677	221	-0.5703	272	-0.2263
171	0.0917	222	-0.3863	273	0.1377
172	-0.1143	223	-0.1283	274	0.1787
173	-0.0173	224	-0.1793	275	0.4637
174	-0.1073	225	0.3117	276	0.3287
175	-0.2723	226	0.1557	277	0.1757
176	-0.3853	227	-0.5323	278	-0.9263
177	-0.1793	228	-0.5333	279	-0.8793
178	-0.2793	229	-0.5103	280	-0.8073
179	-0.2653	230	-0.4373	281	-0.5423
180	-0.3543	231	-0.2293	282	-0.2193
181	0.2237	232	-0.0853	283	-0.0873
182	0.3737	233	0.0037	284	0.0007
183	0.3727	234	-0.0043	285	-0.0133
184	0.5187	235	-0.2373	286	-0.2773
185	0.5407	236	-0.3503	287	-0.2783
186	0.6007	237	-0.2643	288	0.1157
187	0.6447	238	-0.2623	289	0.2067
188	0.7347	239	0.3887	290	0.1547
189	0.7977	240	0.2697	291	-0.4433
190	-0.3433	241	-0.9493	292	0.1517
191	-0.3493	242	-0.8893	325	0.0977
192	-0.3463	244	-0.5433	326	0.0977
193	-0.3453	245	-0.2083	327	0.0997
194	-0.3483	246	-0.0633	328	0.0987
195	-0.3443	247	0.0087	329	0.0997
196	-0.3523	248	0.0157	330	0.0987
197	-0.3433	249	-0.1793	331	0.0997
198	-0.3443	250	-0.2223	332	0.1007
199	-0.3433	251	-0.1513	333	0.1017
200	-0.3473	252	-0.0573	334	0.1007
201	-0.3463	253	0.4027	335	0.0987
202	-0.3473	254	0.2427	336	0.0957
203	-0.3483	255	-0.9963	337	0.0997
204	-0.3443	256	-0.9343	338	0.0987
205	0.3427	257	-0.8833	339	0.0997
206	0.3697	258	-0.7733	340	0.0987
207	0.3687	259	-0.2323	341	0.1007
208	0.3647	260	-0.0473	350	0.0897
210	0.4187	261	0.0087	351	0.0957
211	0.3297	262	0.0257	352	0.0927
212	0.1997	263	-0.2493	353	0.0937
213	-0.6793	264	-0.1493	354	0.0937
214	-0.6153	265	0.1187	355	0.0917
215	-0.5483	266	0.1687		
216	-0.4063	267	-0.2413		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1251
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1940.
TUNNEL STATIC PRESSURE(PSF) = 967.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = -1.97
FIN ANGLE(DEG) = -0.57
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9060
247	0.9060
347	0.9060
447	0.9070
547	0.9030
647	0.9030
747	0.9030

ORF	CP	ORF	CP	ORF	CP
1	0.1740	52	-0.0420	102	-0.2220
2	-0.2670	53	-0.2530	103	-0.6470
3	-0.4340	54	-0.3590	104	-0.6080
4	-0.2410	55	0.0850	105	-0.4480
5	-0.1310	56	0.0910	110	-0.1760
6	-0.0490	57	0.0940	111	-0.2000
7	0.0010	58	0.0830	112	-0.1480
8	0.0290	59	0.0720	113	-0.1910
9	0.0430	60	0.0570	114	0.0790
10	0.0470	61	0.0310	115	0.0780
11	0.0460	62	-0.0040	116	0.0770
12	0.0360	63	-0.0620	117	0.0800
13	0.0080	64	-0.4070	118	0.0760
14	-0.1350	65	-0.4030	119	0.0780
15	-0.2140	66	0.0820	120	-0.1620
16	-0.1440	67	0.0950	121	0.0640
17	-0.2740	68	0.0830	122	0.0770
18	-0.1560	69	0.0690	123	0.0800
19	-0.0280	70	0.0470	124	-0.0970
20	0.0110	71	0.0220	125	-0.0680
21	0.0380	72	-0.0160	126	-0.0230
22	0.0500	73	-0.0910	127	-0.0470
23	0.0520	74	-0.4210	128	-0.0400
24	0.0530	75	0.0890	129	-0.1940
25	0.0490	76	0.0860	135	-0.0230
26	0.0300	77	0.0620	136	-0.0200
27	-0.0090	78	0.0370	137	-0.0190
28	-0.1450	79	-0.0030	138	0.0310
29	-0.2450	80	-0.0440	139	0.0230
30	-0.1580	81	-0.1500	140	0.0210
32	0.0220	82	-0.4190	141	0.2140
33	0.0540	83	0.0790	142	0.2180
34	0.0560	84	0.0540	143	0.2190
35	0.0650	85	0.0120	145	-0.0200
36	0.0640	86	-0.0080	147	0.2130
37	0.0600	87	-0.0420	151	0.0050
38	0.0510	88	-0.1180	152	-0.1810
39	0.0260	89	-0.4320	153	-0.2940
40	-0.0150	90	0.0080	154	-0.4120
41	-0.1290	91	0.0110	155	0.1560
42	-0.2950	92	-0.0180	156	0.1180
43	0.0490	93	-0.0470	157	-0.0750
44	0.0790	94	-0.1050	158	0.3620
45	0.0720	95	-0.4250	159	0.2170
46	0.0750	96	-0.2400	160	0.1470
47	0.0760	97	-0.3640	161	0.0230
48	0.0670	98	0.1690	162	0.3290
49	0.0570	99	0.1430	163	0.2160
50	0.0410	100	-0.1560	164	0.0320
51	0.0070	101	-0.2620	165	-0.0410

ORF	CP	ORF	CP	ORF	CP
166	0.4560	217	-0.0940	268	-0.1620
167	0.2000	218	0.0090	269	0.1650
168	0.1780	219	0.0460	270	0.2420
169	0.0510	220	0.0220	271	-0.2490
170	0.2480	221	-0.5520	272	-0.2290
171	0.0930	222	-0.3490	273	0.1970
172	-0.1100	223	-0.0970	274	0.2320
173	-0.0180	224	-0.1570	275	0.4710
174	-0.1080	225	0.3290	276	0.3930
175	-0.3230	226	0.1800	277	0.2500
176	-0.4020	227	-0.4560	278	-0.8210
177	-0.1930	228	-0.4400	279	-0.7210
178	-0.3160	229	-0.4200	280	-0.6330
179	-0.2590	230	-0.3460	281	-0.4140
180	-0.3540	231	-0.1260	282	-0.1640
181	0.2540	232	-0.0030	283	-0.0330
182	0.4180	233	0.0420	284	0.0460
183	0.4320	234	0.0220	285	0.0220
184	0.5970	235	-0.2080	286	-0.2480
185	0.6380	236	-0.3120	287	-0.2820
186	0.6380	237	-0.2420	288	0.1630
187	0.6790	238	-0.2460	289	0.2430
188	0.6980	239	0.3540	290	0.1770
189	0.7360	240	0.2380	291	-0.4690
190	-0.3470	241	-0.5470	292	0.1200
191	-0.3520	242	-0.5370	325	0.0910
192	-0.3550	244	-0.3520	326	0.0940
193	-0.3490	245	-0.1310	327	0.0930
194	-0.3460	246	-0.0250	328	0.0960
195	-0.3550	247	0.0360	329	0.0950
196	-0.3600	248	0.0270	330	0.0960
197	-0.3500	249	-0.1350	331	0.0940
198	-0.3530	250	-0.1730	332	0.0950
199	-0.3590	251	-0.1400	333	0.0960
200	-0.3580	252	-0.0710	334	0.0960
201	-0.3540	253	0.3870	335	0.0980
202	-0.3500	254	0.2390	336	0.0970
203	-0.3530	255	-0.6800	337	0.0920
204	-0.3590	256	-0.6610	338	0.0950
205	0.3460	257	-0.5700	339	0.0940
206	0.3650	258	-0.4660	340	0.0970
207	0.3650	259	-0.2090	341	0.0950
208	0.3790	260	-0.0500	350	0.0800
210	0.4350	261	0.0440	351	0.0810
211	0.3640	262	0.0480	352	0.0810
212	0.2260	263	-0.1940	353	0.0820
213	-0.5780	264	-0.1200	354	0.0810
214	-0.5180	265	0.1450	355	0.0790
215	-0.4700	266	0.2000		
216	-0.3190	267	-0.2030		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1252
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 746.
TUNNEL STAGNATION PRESSURE(PSF) = 1940.
TUNNEL STATIC PRESSURE(PSF) = 965.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = -0.49
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9084
247	0.9064
347	0.9074
447	0.9084
547	0.9104
647	0.9094
747	0.9094

ORF	CP	ORF	CP	ORF	CP
1	0.2134	52	0.0164	102	-0.1996
2	-0.2116	53	-0.2016	103	-0.5976
3	-0.2976	54	-0.3556	104	-0.5746
4	-0.1986	55	0.2134	105	-0.3926
5	-0.0766	56	0.1914	110	-0.1736
6	-0.0006	57	0.1804	111	-0.2016
7	0.0504	58	0.1604	112	-0.1366
8	0.0864	59	0.1434	113	-0.1746
9	0.0924	60	0.1214	114	0.0864
10	0.1024	61	0.1004	115	0.0884
11	0.1004	62	0.0584	116	0.0884
12	0.0874	63	-0.0006	117	0.0864
13	0.0514	64	-0.3736	118	0.0844
14	-0.0876	65	-0.3746	119	0.0874
15	-0.1656	66	0.2134	120	-0.1606
16	-0.0896	67	0.1924	121	0.0784
17	-0.1366	68	0.1684	122	0.0864
18	-0.0566	69	0.1424	123	0.0894
19	0.0264	70	0.1144	124	-0.0776
20	0.0624	71	0.0874	125	-0.0526
21	0.0884	72	0.0404	126	0.0004
22	0.1024	73	-0.0456	127	-0.0316
23	0.1094	74	-0.3906	128	-0.1486
24	0.1044	75	0.2114	129	-0.2166
25	0.0994	76	0.1784	135	-0.0036
26	0.0844	77	0.1394	136	-0.0046
27	0.0364	78	0.1034	137	-0.0026
28	-0.0926	79	0.0534	138	0.0334
29	-0.2136	80	0.0054	139	0.0324
30	-0.0346	81	-0.1136	140	0.0354
32	0.0944	82	-0.4016	141	0.2234
33	0.1074	83	0.1754	142	0.2204
34	0.1144	84	0.1454	143	0.2164
35	0.1184	85	0.0784	145	-0.0036
36	0.1264	86	0.0464	147	0.2194
37	0.1184	87	-0.0006	151	0.0024
38	0.1004	88	-0.0846	152	0.1796
39	0.0774	89	-0.4146	153	-0.3016
40	0.0424	90	0.0894	154	-0.4076
41	-0.0726	91	0.0684	155	0.1564
42	-0.2746	92	0.0234	156	0.1474
43	0.1664	93	-0.0126	157	-0.0436
44	0.1634	94	-0.0766	158	0.4584
45	0.1584	95	-0.4156	159	0.2884
46	0.1584	96	-0.3076	160	0.2244
47	0.1494	97	-0.3616	161	0.1084
48	0.1334	98	0.1584	162	0.4064
49	0.1194	99	0.1334	163	0.3204
50	0.0994	100	-0.1096	164	0.0284
51	0.0684	101	-0.2436	165	0.0244

ORF	CP	ORF	CP	ORF	CP
166	0.4744	217	-0.1106	268	-0.1456
167	0.2864	218	0.0244	269	0.1944
168	0.2504	219	0.1014	270	0.2844
169	0.1174	220	0.0854	271	-0.2166
170	0.2434	221	-0.5636	272	-0.2256
171	0.1944	222	-0.3026	273	0.2034
172	-0.0406	223	-0.0686	274	0.2724
173	0.0284	224	-0.1246	275	0.5094
174	-0.0826	225	0.4054	276	0.4194
175	-0.3096	226	0.2544	277	0.2944
176	-0.4286	227	-0.4826	278	-0.6096
177	-0.1906	228	-0.4786	279	-0.5686
178	-0.3336	229	-0.4496	280	-0.4796
179	-0.2886	230	-0.3636	281	-0.3436
180	-0.3596	231	-0.1526	282	-0.1216
181	0.3444	232	0.0074	283	0.0124
182	0.5034	233	0.0904	284	0.1074
183	0.4614	234	0.0834	285	0.0724
184	0.6654	235	-0.1616	286	-0.2256
185	0.7274	236	-0.2966	287	-0.2616
186	0.8124	237	-0.2186	288	0.1644
187	0.9324	238	-0.2196	289	0.2714
188	0.9164	239	0.3864	290	0.2014
189	0.9494	240	0.2664	291	-0.4056
190	-0.3556	241	-0.4916	292	0.0934
191	-0.3576	242	-0.4946	325	0.0944
192	-0.3516	244	-0.2626	326	0.0924
193	-0.3486	245	-0.0436	327	0.0924
194	-0.3566	246	0.0264	328	0.0914
195	-0.3556	247	0.0754	329	0.0904
196	-0.3566	248	0.0704	330	0.0924
197	-0.3546	249	-0.0826	331	0.0934
198	-0.3606	250	-0.1386	332	0.0944
199	-0.3566	251	-0.1256	333	0.0934
200	-0.3506	252	-0.0636	334	0.0914
201	-0.3486	253	0.3944	335	0.0934
202	-0.3516	254	0.2394	336	0.0944
203	-0.3496	255	-0.4736	337	0.0944
204	-0.3516	256	-0.4876	338	0.0924
205	0.3714	257	-0.4316	339	0.0914
206	0.3994	258	-0.3526	340	0.0904
207	0.3904	259	-0.1556	341	0.0904
208	0.3914	260	0.0054	350	0.0904
210	0.5034	261	0.0934	351	0.0874
211	0.4474	262	0.0934	352	0.0844
212	0.3084	263	-0.1446	353	0.0884
213	-0.6736	264	-0.1006	354	0.0904
214	-0.5786	265	0.1694	355	0.0854
215	-0.5116	266	0.2324		
216	-0.3386	267	-0.1536		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1253
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1939.
TUNNEL STATIC PRESSURE(PSF) = 968.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = 2.07
FIN ANGLE(DEG) = -0.48
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9069
247	0.9059
347	0.9059
447	0.9069
547	0.9009
647	0.9009
747	0.9009

ORF	CP	ORF	CP	ORF	CP
1	0.2119	52	0.0519	102	-0.1891
2	-0.1701	53	-0.1751	103	-0.5921
3	-0.2251	54	-0.3321	104	-0.5681
4	-0.1051	55	0.3059	105	-0.3871
5	-0.0121	56	0.2629	110	-0.1881
6	0.0669	57	0.2459	111	-0.2221
7	0.1009	58	0.2229	112	-0.1471
8	0.1279	59	0.1999	113	-0.1831
9	0.1409	60	0.1759	114	0.0739
10	0.1399	61	0.1419	115	0.0739
11	0.1319	62	0.0989	116	0.0719
12	0.1179	63	0.0339	117	0.0719
13	0.0839	64	-0.3621	118	0.0729
14	-0.0631	65	-0.3551	119	0.0729
15	-0.1451	66	0.3059	120	-0.1541
16	-0.0241	67	0.2549	121	0.0629
17	-0.0371	68	0.2239	122	0.0739
18	0.0269	69	0.1929	123	0.0719
19	0.0749	70	0.1639	124	-0.0851
20	0.1169	71	0.1309	125	-0.0621
21	0.1339	72	0.0799	126	-0.0031
22	0.1499	73	-0.0061	127	-0.0341
23	0.1499	74	-0.3771	128	-0.0111
24	0.1449	75	0.2899	129	-0.1861
25	0.1339	76	0.2509	135	-0.0151
26	0.1119	77	0.2009	136	-0.0161
27	0.0699	78	0.1559	137	-0.0141
28	-0.0661	79	0.1009	138	0.0259
29	-0.1871	80	0.0359	139	0.0289
30	0.0859	81	-0.0921	140	0.0279
32	0.1489	82	-0.3911	141	0.1989
33	0.1639	83	0.2419	142	0.2019
34	0.1699	84	0.1929	143	0.2079
35	0.1729	85	0.1199	145	-0.0191
36	0.1689	86	0.0619	147	0.2049
37	0.1569	87	0.0089	151	-0.0131
38	0.1409	88	-0.0821	152	-0.1801
39	0.1159	89	-0.4041	153	-0.2991
40	0.0679	90	0.1559	154	-0.4121
41	-0.0381	91	0.0719	155	0.1869
42	-0.2501	92	0.0319	156	0.1429
43	0.2419	93	-0.0101	157	-0.0291
44	0.2279	94	-0.0811	158	0.5329
45	0.2229	95	-0.3841	159	0.2869
46	0.2199	96	-0.5981	160	0.2459
47	0.2039	97	-0.3591	161	0.1249
48	0.1899	98	0.1329	162	0.4159
49	0.1699	99	0.0909	163	0.3219
50	0.1449	100	-0.1101	164	0.0399
51	0.1069	101	-0.2281	165	0.0299

ORF	CP	ORF	CP	ORF	CP
166	0.4639	217	-0.1101	268	-0.1911
167	0.3219	218	0.0329	269	0.2109
168	0.2509	219	0.1399	270	0.3209
169	0.1039	220	0.1179	271	-0.2101
170	0.2189	221	-0.5781	272	-0.2301
171	0.2219	222	-0.2981	273	0.2119
172	-0.0221	223	-0.0661	274	0.2749
173	0.0709	224	-0.1141	275	0.5449
174	-0.0491	225	0.4619	276	0.4349
175	-0.2371	226	0.3059	277	0.2939
176	-0.4301	227	-0.7181	278	-0.5231
177	-0.2131	228	-0.6671	279	-0.4941
178	-0.3451	229	-0.6091	280	-0.4351
179	-0.2991	230	-0.4131	281	-0.2881
180	-0.3591	231	-0.1311	282	-0.0501
181	0.3659	232	0.0129	283	0.0819
182	0.5229	233	0.1239	284	0.1449
183	0.4869	234	0.1189	285	0.0979
184	0.7359	235	-0.1401	286	-0.2261
185	0.8289	236	-0.2981	287	-0.2601
186	0.9329	237	-0.2171	288	0.1769
187	1.0349	238	-0.2091	289	0.2809
188	1.1129	239	0.4279	290	0.2179
189	1.1309	240	0.3049	291	-0.3901
190	-0.3471	241	-0.5601	292	0.0329
191	-0.3491	242	-0.5071	325	0.0839
192	-0.3491	244	-0.2891	326	0.0829
193	-0.3511	245	-0.0501	327	0.0849
194	-0.3561	246	0.0499	328	0.0849
195	-0.3491	247	0.1059	329	0.0859
196	-0.3561	248	0.0999	330	0.0859
197	-0.3471	249	-0.0611	331	0.0849
198	-0.3521	250	-0.1251	332	0.0849
199	-0.3571	251	-0.1191	333	0.0869
200	-0.3501	252	-0.0611	334	0.0869
201	-0.3501	253	0.3919	335	0.0859
202	-0.3501	254	0.2359	336	0.0859
203	-0.3541	255	-0.4101	337	0.0829
204	-0.3531	256	-0.4101	338	0.0849
205	0.3819	257	-0.3881	339	0.0849
206	0.4219	258	-0.3061	340	0.0859
207	0.4059	259	-0.0781	341	0.0869
208	0.3999	260	0.0549	350	0.0769
210	0.5469	261	0.1209	351	0.0719
211	0.4959	262	0.1159	352	0.0709
212	0.3529	263	-0.1241	353	0.0699
213	-0.7591	264	-0.0941	354	0.0729
214	-0.7221	265	0.1829	355	0.0719
215	-0.6611	266	0.2589		
216	-0.4641	267	-0.1381		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1254
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.046
TUNNEL DYNAMIC PRESSURE(PSF) = 743.
TUNNEL STAGNATION PRESSURE(PSF) = 1940.
TUNNEL STATIC PRESSURE(PSF) = 970.
REYNOLDS NUMBER PER FOOT = 3.9730E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = -0.60
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9035
247	0.9035
347	0.9025
447	0.9035
547	0.9045
647	0.9035
747	0.9025

ORF	CP	ORF	CP	ORF	CP
1	0.2295	52	0.0825	102	-0.1835
2	-0.0715	53	-0.1545	103	-0.5815
3	-0.0895	54	-0.2855	104	-0.5495
4	0.0215	55	0.3805	105	-0.3765
5	0.0935	56	0.3355	110	-0.2005
6	0.1455	57	0.3135	111	-0.2285
7	0.1685	58	0.2825	112	-0.1515
8	0.1805	59	0.2515	113	-0.1815
9	0.1845	60	0.2205	114	0.0635
10	0.1815	61	0.1815	115	0.0645
11	0.1725	62	0.1325	116	0.0655
12	0.1525	63	0.0585	117	0.0665
13	0.1145	64	-0.3485	118	0.0625
14	-0.0365	65	-0.3265	119	0.0635
15	-0.1145	66	0.3855	120	-0.1715
16	0.0955	67	0.3245	121	0.0575
17	0.0895	68	0.2815	122	0.0635
18	0.1225	69	0.2425	123	0.0605
19	0.1575	70	0.2055	124	-0.1005
20	0.1765	71	0.1635	125	-0.0635
21	0.1915	72	0.1105	126	-0.0115
22	0.1985	73	0.0165	127	-0.0435
23	0.1935	74	-0.3565	128	-0.1645
24	0.1865	75	0.3695	129	-0.2455
25	0.1725	76	0.3095	135	-0.0215
26	0.1465	77	0.2575	136	-0.0285
27	0.0975	78	0.2035	137	-0.0225
28	-0.0385	79	0.1375	138	0.0245
29	-0.1465	80	0.0625	139	0.0195
30	0.2125	81	-0.0755	140	0.0265
32	0.2175	82	-0.3805	141	0.1955
33	0.2215	83	0.3135	142	0.1985
34	0.2235	84	0.2565	143	0.2045
35	0.2205	85	0.1695	145	-0.0315
36	0.2165	86	0.0895	147	0.2015
37	0.2005	87	0.0235	151	0.0125
38	0.1805	88	-0.0795	152	-0.1565
39	0.1495	89	-0.3995	153	-0.2665
40	0.0975	90	0.2315	154	-0.3895
41	-0.0195	91	0.0905	155	0.1525
42	-0.1925	92	0.0355	156	0.1635
43	0.3275	93	-0.0155	157	-0.0195
44	0.2965	94	-0.0885	158	0.5095
45	0.2845	95	-0.3835	159	0.2725
46	0.2725	96	-0.6155	160	0.2425
47	0.2565	97	-0.3445	161	0.1235
48	0.2395	98	0.1545	162	0.4115
49	0.2165	99	0.0335	163	0.2975
50	0.1835	100	-0.0915	164	0.0225
51	0.1415	101	-0.2265	165	0.0225

ORF	CP	ORF	CP	ORF	CP
166	0.4235	217	-0.0695	268	-0.1165
167	0.3035	218	0.1015	269	0.2335
168	0.2355	219	0.1775	270	0.3395
169	0.0865	220	0.1545	271	-0.1925
170	0.2175	221	-0.5705	272	-0.1975
171	0.2365	222	-0.2975	273	0.2485
172	-0.0095	223	-0.0515	274	0.2995
173	0.1035	224	-0.0995	275	0.5515
174	-0.0235	225	0.5125	276	0.4255
175	-0.1945	226	0.3505	277	0.2985
176	-0.4245	227	-0.9065	278	-0.4195
177	-0.1855	228	-0.8145	279	-0.4055
178	-0.3105	229	-0.7255	280	-0.3465
179	-0.2485	230	-0.4215	281	-0.1585
180	-0.3555	231	-0.0575	282	0.0835
181	0.3495	232	0.1085	283	0.1545
182	0.5065	233	0.1715	284	0.1885
183	0.5235	234	0.1615	285	0.1305
184	0.7975	235	-0.1275	286	-0.2095
185	0.8205	236	-0.2915	287	-0.2265
186	0.9265	237	-0.2085	288	0.2105
187	1.0205	238	-0.1915	289	0.2955
188	1.1175	239	0.4875	290	0.2415
189	1.1535	240	0.3625	291	-0.4675
190	-0.3525	241	-0.5345	292	-0.0125
191	-0.3515	242	-0.5055	325	0.0745
192	-0.3465	244	-0.2915	326	0.0775
193	-0.3455	245	-0.0335	327	0.0765
194	-0.3455	246	0.0855	328	0.0735
195	-0.3455	247	0.1515	329	0.0755
196	-0.3505	248	0.1415	330	0.0755
197	-0.3495	249	-0.0325	331	0.0795
198	-0.3515	250	-0.1065	332	0.0785
199	-0.3505	251	-0.0965	333	0.0745
200	-0.3455	252	-0.0315	334	0.0775
201	-0.3425	253	0.4305	335	0.0775
202	-0.3425	254	0.2765	336	0.0745
203	-0.3475	255	-0.3565	337	0.0755
204	-0.3465	256	-0.3395	338	0.0775
205	0.3775	257	-0.3175	339	0.0755
206	0.4175	258	-0.2195	340	0.0735
207	0.4055	259	0.0065	341	0.0755
208	0.4095	260	0.1165	350	0.0645
210	0.6035	261	0.1605	351	0.0615
211	0.5435	262	0.1465	352	0.0615
212	0.3925	263	-0.0955	353	0.0625
213	-0.7845	264	-0.0735	354	0.0645
214	-0.7625	265	0.2095	355	0.0655
215	-0.6925	266	0.2765		
216	-0.4975	267	-0.1145		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1255
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1941.
TUNNEL STATIC PRESSURE(PSF) = 968.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = 5.95
FIN ANGLE(DEG) = -0.80
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9047
247	0.9037
347	0.9037
447	0.9057
547	0.9037
647	0.9027
747	0.9027

ORF	CP	ORF	CP	ORF	CP
1	0.3177	52	0.1257	102	-0.1593
2	0.0307	53	-0.1273	103	-0.5573
3	0.0667	54	-0.2553	104	-0.5183
4	0.1347	55	0.4577	105	-0.3533
5	0.1917	56	0.4077	110	-0.1793
6	0.2187	57	0.3807	111	-0.2043
7	0.2367	58	0.3457	112	-0.1313
8	0.2447	59	0.3107	113	-0.1603
9	0.2457	60	0.2757	114	0.0637
10	0.2417	61	0.2307	115	0.0657
11	0.2297	62	0.1737	116	0.0637
12	0.2097	63	0.0917	117	0.0627
13	0.1697	64	-0.3273	118	0.0647
14	0.0097	65	-0.2913	119	0.0627
15	-0.0763	66	0.4657	120	-0.1833
16	0.2317	67	0.3967	121	0.0527
17	0.2157	68	0.3437	122	0.0627
18	0.2377	69	0.2997	123	0.0657
19	0.2477	70	0.2567	124	-0.1013
20	0.2567	71	0.2097	125	-0.0603
21	0.2627	72	0.1507	126	-0.0123
22	0.2627	73	0.0427	127	-0.0453
23	0.2577	74	-0.3233	128	-0.1723
24	0.2467	75	0.4437	129	-0.2413
25	0.2337	76	0.3697	135	-0.0253
26	0.2037	77	0.3087	136	-0.0303
27	0.1557	78	0.2497	137	-0.0323
28	0.0097	79	0.1807	138	0.0317
29	-0.1143	80	0.0957	139	0.0347
30	0.3337	81	-0.0523	140	0.0287
32	0.3077	82	-0.3553	141	0.2017
33	0.3057	83	0.3737	142	0.2047
34	0.2997	84	0.3137	143	0.2067
35	0.2877	85	0.2217	145	-0.0273
36	0.2807	86	0.1327	147	0.1987
37	0.2617	87	0.0517	151	0.0757
38	0.2417	88	-0.0623	152	-0.1243
39	0.2077	89	-0.3833	153	-0.2113
40	0.1537	90	0.2947	154	-0.3723
41	0.0257	91	0.1327	155	0.1557
42	-0.1613	92	0.0587	156	0.2247
43	0.4207	93	-0.0053	157	0.0297
44	0.3787	94	-0.0913	158	0.5387
45	0.3587	95	-0.3703	159	0.3277
46	0.3447	96	-0.6043	160	0.2967
47	0.3227	97	-0.3353	161	0.1807
48	0.2987	98	-0.0663	162	0.4637
49	0.2727	99	-0.2673	163	0.3517
50	0.2417	100	-0.2523	164	0.0327
51	0.1927	101	-0.2043	165	0.0657

ORF	CP	ORF	CP	ORF	CP
166	0.3967	217	-0.0963	268	-0.0993
167	0.3327	218	0.0687	269	0.2647
168	0.2637	219	0.2037	270	0.3767
169	0.1027	220	0.1887	271	-0.1683
170	0.3307	221	-0.5423	272	-0.1903
171	0.2107	222	-0.2523	273	0.2737
172	-0.0223	223	-0.0273	274	0.3337
173	0.1187	224	-0.0763	275	0.5477
174	-0.0113	225	0.5527	276	0.4937
175	-0.2183	226	0.3907	277	0.3647
176	-0.4253	227	-0.5263	278	-0.3543
177	-0.1283	228	-0.4973	279	-0.3073
178	-0.2643	229	-0.4423	280	-0.1753
179	-0.2273	230	-0.3373	281	0.0257
180	-0.3473	231	-0.0933	282	0.1877
181	0.3897	232	0.0727	283	0.2257
182	0.5647	233	0.2017	284	0.2467
183	0.4437	234	0.1897	285	0.1827
184	0.6677	235	-0.0823	286	-0.1893
185	0.8147	236	-0.2593	287	-0.2103
186	0.9207	237	-0.1913	288	0.2217
187	1.0347	238	-0.1763	289	0.2897
188	1.1197	239	0.5397	290	0.2837
189	1.1657	240	0.4217	291	-0.5983
190	-0.3323	241	-0.4923	292	-0.0513
191	-0.3363	242	-0.4553	325	0.0717
192	-0.3423	244	-0.2323	326	0.0737
193	-0.3383	245	0.0137	327	0.0707
194	-0.3413	246	0.1217	328	0.0697
195	-0.3393	247	0.1917	329	0.0727
196	-0.3433	248	0.1837	330	0.0727
197	-0.3373	249	0.0037	331	0.0767
198	-0.3383	250	-0.0813	332	0.0717
199	-0.3433	251	-0.0663	333	0.0697
200	-0.3393	252	0.0037	334	0.0727
201	-0.3343	253	0.5037	335	0.0737
202	-0.3353	254	0.3487	336	0.0737
203	-0.3333	255	-0.3383	337	0.0707
204	-0.3353	256	-0.3233	338	0.0737
205	0.3677	257	-0.2763	339	0.0707
206	0.4047	258	-0.1493	340	0.0707
207	0.4067	259	0.0757	341	0.0727
208	0.4287	260	0.1747	350	0.0647
210	0.6367	261	0.2137	351	0.0647
211	0.5787	262	0.1977	352	0.0657
212	0.4227	263	-0.0643	353	0.0667
213	-0.6003	264	-0.0553	354	0.0667
214	-0.5363	265	0.2507	355	0.0617
215	-0.4583	266	0.3177		
216	-0.3243	267	-0.0843		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1256
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.043
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1941.
TUNNEL STATIC PRESSURE(PSF) = 974.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 7.93
FIN ANGLE(DEG) = -0.83
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8993
247	0.8973
347	0.8983
447	0.8993
547	0.8963
647	0.8953
747	0.8953

ORF	CP	ORF	CP	ORF	P
1	0.3973	52	0.1503	102	-0.[illegible]347
2	0.0783	53	-0.1197	103	-0.5407
3	0.1093	54	-0.2127	104	-0.5027
4	0.1993	55	0.5153	105	-0.3497
5	0.2543	56	0.4583	110	-0.1737
6	0.2783	57	0.4283	111	-0.1967
7	0.2923	58	0.3883	112	-0.1317
8	0.3023	59	0.3533	113	-0.1627
9	0.2983	60	0.3133	114	0.0483
10	0.2913	61	0.2603	115	0.0463
11	0.2823	62	0.1993	116	0.0463
12	0.2583	63	0.1083	117	0.0463
13	0.2173	64	-0.3217	118	0.0453
14	0.0403	65	-0.2657	119	0.0483
15	-0.0507	66	0.5173	120	-0.1867
16	0.3043	67	0.4463	121	0.0353
17	0.2983	68	0.3903	122	0.0493
18	0.3083	69	0.3413	123	0.0483
19	0.3173	70	0.2913	124	-0.1447
20	0.3243	71	0.2383	125	-0.0877
21	0.3243	72	0.1723	126	-0.0387
22	0.3243	73	0.0573	127	-0.0577
23	0.3153	74	-0.2997	128	-0.0547
24	0.3013	75	0.4963	129	-0.2437
25	0.2823	76	0.4123	135	-0.0527
26	0.2553	77	0.3453	136	-0.0547
27	0.2013	78	0.2813	137	-0.0587
28	0.0423	79	0.2103	138	0.0323
29	-0.0947	80	0.1193	139	0.0363
30	0.4173	81	-0.0427	140	0.0383
32	0.3863	82	-0.3377	141	0.1873
33	0.3713	83	0.4213	142	0.1903
34	0.3613	84	0.3563	143	0.1893
35	0.3463	85	0.2583	145	-0.0557
36	0.3343	86	0.1623	147	0.1923
37	0.3153	87	0.0733	151	0.1063
38	0.2913	88	-0.0527	152	-0.1017
39	0.2533	89	-0.3757	153	-0.1857
40	0.1933	90	0.3393	154	-0.3687
41	0.0563	91	0.1653	155	0.1653
42	-0.1317	92	0.0773	156	0.2733
43	0.4933	93	0.0043	157	0.0723
44	0.4423	94	-0.0887	158	0.6093
45	0.4163	95	-0.3767	159	0.3823
46	0.3973	96	-0.6057	160	0.3483
47	0.3753	97	-0.3157	161	0.2233
48	0.3483	98	-0.4257	162	0.5313
49	0.3153	99	-0.4237	163	0.4143
50	0.2793	100	-0.4127	164	0.0363
51	0.2263	101	-0.1787	165	0.1163

ORF	CP	ORF	CP	ORF	CP
166	0.4193	217	-0.0777	268	-0.0957
167	0.3763	218	0.0973	269	0.2983
168	0.3223	219	0.2333	270	0.4113
169	0.1453	220	0.2113	271	-0.1477
170	0.3923	221	-0.5257	272	-0.1897
171	0.2493	222	-0.2467	273	0.2813
172	-0.0057	223	-0.0127	274	0.3563
173	0.1093	224	-0.0597	275	0.5683
174	-0.0067	225	0.5773	276	0.5843
175	-0.2877	226	0.4163	277	0.4473
176	-0.4407	227	-0.4367	278	-0.3477
177	-0.1037	228	-0.4147	279	-0.3027
178	-0.2457	229	-0.3887	280	-0.1667
179	-0.2327	230	-0.3057	281	0.0693
180	-0.3607	231	-0.0967	282	0.2423
181	0.4633	232	0.0943	283	0.2773
182	0.6253	233	0.2303	284	0.2973
183	0.4513	234	0.2163	285	0.2283
184	0.7103	235	-0.0677	286	-0.1617
185	0.8933	236	-0.2457	287	-0.2027
186	1.0403	237	-0.1737	288	0.2063
187	1.1273	238	-0.1617	289	0.2953
188	1.1793	239	0.5813	290	0.3193
189	1.2003	240	0.4563	291	-0.9437
190	-0.3397	241	-0.4577	292	-0.1097
191	-0.3347	242	-0.4197	325	0.0573
192	-0.3397	244	-0.1927	326	0.0583
193	-0.3407	245	0.0473	327	0.0583
194	-0.3417	246	0.1543	328	0.0573
195	-0.3327	247	0.2253	329	0.0583
196	-0.3537	248	0.2153	330	0.0563
197	-0.3407	249	0.0243	331	0.0583
198	-0.3457	250	-0.0677	332	0.0593
199	-0.3497	251	-0.0447	333	0.0593
200	-0.3437	252	0.0263	334	0.0603
201	-0.3407	253	0.5813	335	0.0573
202	-0.3407	254	0.4143	336	0.0563
203	-0.3417	255	-0.3177	337	0.0573
204	-0.3397	256	-0.3027	338	0.0593
205	0.3323	257	-0.2637	339	0.0583
206	0.3663	258	-0.1297	340	0.0573
207	0.3623	259	0.1063	341	0.0553
208	0.4013	260	0.2153	350	0.0473
210	0.6693	261	0.2613	351	0.0483
211	0.6043	262	0.2413	352	0.0473
212	0.4453	263	-0.0467	353	0.0493
213	-0.4847	264	-0.0447	354	0.0493
214	-0.4367	265	0.2783	355	0.0473
215	-0.4017	266	0.3513		
216	-0.2987	267	-0.0647		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1257
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.046
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1941.
TUNNEL STATIC PRESSURE(PSF) = 971.
REYNOLDS NUMBER PER FOOT = 3.9700E 06
MODEL ANGLE OF ATTACK(DEG) = 11.99
FIN ANGLE(DEG) = -0.85
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.9029
247	0.9009
347	0.9019
447	0.9029
547	0.9009
647	0.8999
747	0.8999

ORF	CP	ORF	CP	ORF	CP
1	0.5339	52	0.2109	102	-0.0501
2	0.2609	53	-0.0751	103	-0.5031
3	0.3059	54	-0.0251	104	-0.4631
4	0.3729	55	0.6389	105	-0.3401
5	0.4039	56	0.5739	110	-0.1571
6	0.4199	57	0.5239	111	-0.1791
7	0.4249	58	0.4799	112	-0.1251
8	0.4229	59	0.4419	113	-0.1761
9	0.4149	60	0.4009	114	0.0359
10	0.3999	61	0.3419	115	0.0359
11	0.3829	62	0.2709	116	0.0359
12	0.3529	63	0.1669	117	0.0369
13	0.3079	64	-0.2601	118	0.0349
14	0.1119	65	-0.0501	119	0.0359
15	0.0239	66	0.6269	120	-0.2171
16	0.5119	67	0.5489	121	0.0249
17	0.4869	68	0.4889	122	0.0369
18	0.4799	69	0.4309	123	0.0369
19	0.4739	70	0.3729	124	-0.1911
20	0.4649	71	0.3119	125	-0.1471
21	0.4569	72	0.2399	126	-0.1081
22	0.4449	73	0.1119	127	-0.1321
23	0.4269	74	-0.0741	128	-0.2401
24	0.4079	75	0.5989	129	-0.2951
25	0.3819	76	0.5089	135	-0.1081
26	0.3439	77	0.4319	136	-0.1171
27	0.2849	78	0.3549	137	-0.1191
28	0.1079	79	0.2719	138	0.0549
29	-0.0111	80	0.1769	139	0.0569
30	0.5889	81	0.0039	140	0.0539
32	0.5299	82	-0.1411	141	0.1929
33	0.5029	83	0.5169	142	0.1999
34	0.4849	84	0.4519	143	0.2049
35	0.4619	85	0.3479	145	-0.1191
36	0.4409	86	0.2459	147	0.2009
37	0.4119	87	0.1479	151	0.1729
38	0.3799	88	0.0049	152	-0.0411
39	0.3359	89	-0.2301	153	-0.1321
40	0.2659	90	0.4399	154	-0.3521
41	0.1099	91	0.2609	155	0.2109
42	-0.0251	92	0.1609	156	0.3459
43	0.6349	93	0.0809	157	0.1239
44	0.5749	94	-0.0271	158	0.7199
45	0.5339	95	-0.2331	159	0.4409
46	0.5029	96	-0.5531	160	0.4049
47	0.4789	97	-0.2421	161	0.2649
48	0.4459	98	-0.7741	162	0.6039
49	0.4049	99	-0.5551	163	0.4859
50	0.3619	100	-0.3151	164	0.0539
51	0.2999	101	-0.1041	165	0.1549

ORF	CP	ORF	CP	ORF	CP
166	0.4149	217	-0.0201	268	-0.0151
167	0.4369	218	0.1659	269	0.3929
168	0.3649	219	0.3109	270	0.5179
169	0.1669	220	0.2789	271	-0.0681
170	0.5199	221	-0.4531	272	-0.1121
171	0.2629	222	-0.2201	273	0.3819
172	-0.0021	223	0.0529	274	0.4339
173	0.1879	224	0.0009	275	0.5709
174	0.0629	225	0.6419	276	0.7189
175	-0.2601	226	0.4729	277	0.5819
176	-0.4591	227	-0.2781	278	-0.2171
177	-0.0401	228	-0.2731	279	-0.1191
178	-0.1901	229	-0.2651	280	0.0469
179	-0.1641	230	-0.2171	281	0.2869
180	-0.3741	231	-0.0341	282	0.3999
181	0.5479	232	0.1709	283	0.4109
182	0.7189	233	0.3109	284	0.4109
183	0.4949	234	0.2839	285	0.3149
184	0.7799	235	-0.0161	286	-0.0821
185	1.0379	236	-0.1831	287	-0.1141
186	1.2089	237	-0.0921	288	0.2499
187	1.2349	238	-0.0911	289	0.3009
188	1.1989	239	0.6319	290	0.4119
189	1.1189	240	0.5159	291	-0.9371
190	-0.3561	241	-0.3431	292	-0.1331
191	-0.3171	242	-0.3081	325	0.0449
192	-0.3551	244	-0.0731	326	0.0429
193	-0.3531	245	0.1549	327	0.0459
194	-0.3651	246	0.2559	328	0.0439
195	-0.3231	247	0.3139	329	0.0459
196	-0.3761	248	0.2949	330	0.0449
197	-0.3601	249	0.0849	331	0.0449
198	-0.3621	250	0.0029	332	0.0469
199	-0.3631	251	0.0359	333	0.0449
200	-0.3331	252	0.1009	334	0.0459
201	-0.3501	253	0.6799	335	0.0459
202	-0.3551	254	0.5139	336	0.0449
203	-0.3591	255	-0.1741	337	0.0449
204	-0.3501	256	-0.1661	338	0.0429
205	0.2079	257	-0.1341	339	0.0469
206	0.2499	258	0.0059	340	0.0439
207	0.2329	259	0.2489	341	0.0449
208	0.3239	260	0.3369	350	0.0349
210	0.7499	261	0.3609	351	0.0359
211	0.6539	262	0.3249	352	0.0349
212	0.4959	263	0.0229	353	0.0369
213	-0.3061	264	0.0349	354	0.0359
214	-0.2881	265	0.3679	355	0.0369
215	-0.2731	266	0.4419		
216	-0.2241	267	0.0039		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1258
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.045
TUNNEL DYNAMIC PRESSURE(PSF) = 743.
TUNNEL STAGNATION PRESSURE(PSF) = 1941.
TUNNEL STATIC PRESSURE(PSF) = 972.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 14.13
FIN ANGLE(DEG) = -0.67
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8998
247	0.8998
347	0.8998
447	0.9008
547	0.8938
647	0.8938
747	0.8928

ORF	CP	ORF	CP	ORF	CP
1	0.5978	52	0.2378	102	-0.0372
2	0.3418	53	-0.0542	103	-0.5402
3	0.3868	54	-0.0012	104	-0.4472
4	0.4488	55	0.6918	105	-0.3542
5	0.4758	56	0.6248	110	-0.1702
6	0.4848	57	0.5688	111	-0.2012
7	0.4838	58	0.5208	112	-0.1592
8	0.4758	59	0.4738	113	-0.2082
9	0.4648	60	0.4318	114	0.0058
10	0.4458	61	0.3768	115	0.0108
11	0.4228	62	0.3008	116	0.0108
12	0.3908	63	0.1918	117	0.0088
13	0.3408	64	-0.1762	118	0.0108
14	0.1388	65	-0.0242	119	0.0108
15	0.0458	66	0.6728	120	-0.2272
16	0.5928	67	0.5968	121	-0.0002
17	0.5588	68	0.5328	122	0.0088
18	0.5478	69	0.4708	123	0.0098
19	0.5348	70	0.4078	124	-0.2272
20	0.5218	71	0.3488	125	-0.1952
21	0.5098	72	0.2728	126	-0.1592
22	0.4968	73	0.1358	127	-0.1822
23	0.4748	74	-0.0622	128	-0.1812
24	0.4478	75	0.6418	129	-0.2902
25	0.4218	76	0.5498	135	-0.1562
26	0.3818	77	0.4698	136	-0.1672
27	0.3138	78	0.3928	137	-0.1682
28	0.1328	79	0.3038	138	0.0208
29	0.0178	80	0.2058	139	0.0168
30	0.6618	81	0.0298	140	0.0038
32	0.5878	82	-0.0892	141	0.1778
33	0.5598	83	0.5538	142	0.1708
34	0.5338	84	0.4898	143	0.1738
35	0.5078	85	0.3838	145	-0.1742
36	0.4848	86	0.2788	147	0.1758
37	0.4538	87	0.1758	151	0.2028
38	0.4168	88	0.0268	152	-0.028[illegible]
39	0.3688	89	-0.1292	153	-0.110[illegible]
40	0.2938	90	0.4768	154	-0.3392
41	0.1318	91	0.2948	155	0.1948
42	0.0018	92	0.1888	156	0.3648
43	0.6928	93	0.1038	157	0.1368
44	0.6308	94	-0.0032	158	0.7418
45	0.5848	95	-0.1462	159	0.4528
46	0.5518	96	-0.5562	160	0.4088
47	0.5228	97	-0.2222	161	0.2698
48	0.4868	98	-0.8772	162	0.6148
49	0.4428	99	-0.5112	163	0.4798
50	0.3938	100	-0.3252	164	0.0118
51	0.3298	101	-0.0962	165	0.1518

ORF	CP	ORF	CP	ORF	CP
166	0.4468	217	-0.0142	268	0.0008
167	0.4368	218	0.1848	269	0.4328
168	0.3488	219	0.3378	270	0.5548
169	0.1448	220	0.2998	271	-0.0622
170	0.5408	221	-0.4202	272	-0.0992
171	0.2438	222	-0.2072	273	0.4088
172	-0.0162	223	0.0788	274	0.4668
173	0.1968	224	0.0198	275	0.5548
174	0.0718	225	0.6608	276	0.7998
175	-0.2462	226	0.4958	277	0.6398
176	-0.4552	227	-0.2162	278	-0.1872
177	-0.0292	228	-0.2152	279	-0.0682
178	-0.1682	229	-0.2192	280	0.0848
179	-0.1592	230	-0.1862	281	0.3618
180	-0.3842	231	-0.0242	282	0.4668
181	0.5928	232	0.1898	283	0.4708
182	0.7618	233	0.3378	284	0.4578
183	0.4878	234	0.3068	285	0.3488
184	0.7758	235	0.0018	286	-0.0822
185	1.0258	236	-0.1592	287	-0.0912
186	1.1988	237	-0.0612	288	0.2768
187	1.2058	238	-0.0662	289	0.3118
188	1.1448	239	0.6548	290	0.4448
189	1.0728	240	0.5338	291	-0.9412
190	-0.3552	241	-0.2962	292	-0.1522
191	-0.3142	242	-0.2682	325	0.0338
192	-0.3522	244	-0.0432	326	0.0308
193	-0.3522	245	0.1928	327	0.0298
194	-0.3642	246	0.2928	328	0.0298
195	-0.3112	247	0.3478	329	0.0288
196	-0.3762	248	0.3248	330	0.0288
197	-0.3662	249	0.1078	331	0.0318
198	-0.3712	250	0.0258	332	0.0308
199	-0.3732	251	0.0658	333	0.0318
200	-0.3292	252	0.1258	334	0.0298
201	-0.3582	253	0.7558	335	0.0278
202	-0.3652	254	0.5628	336	0.0318
203	-0.3652	255	-0.0812	337	0.0338
204	-0.3542	256	-0.0872	338	0.0308
205	0.0958	257	-0.0702	339	0.0288
206	0.1598	258	0.0498	340	0.0298
207	0.1208	259	0.2948	341	0.0298
208	0.2448	260	0.3838	350	0.0128
210	0.7778	261	0.3988	351	0.0118
211	0.6708	262	0.3608	352	0.0108
212	0.5138	263	0.0438	353	0.0078
213	-0.2452	264	0.0548	354	0.0098
214	-0.2262	265	0.4128	355	0.0088
215	-0.2152	266	0.4938		
216	-0.1862	267	0.0278		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1259
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 67.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 747.
TUNNEL STAGNATION PRESSURE(PSF) = 1942.
TUNNEL STATIC PRESSURE(PSF) = 965.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.59
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.9062
247	0.9052
347	0.9052
447	0.9062
547	0.9092
647	0.9092
747	0.9092

ORF	CP	ORF	CP	ORF	CP
1	0.1932	52	0.0182	102	-0.1908
2	-0.2128	53	-0.2028	103	-0.5868
3	-0.2988	54	-0.3498	104	-0.5698
4	-0.1988	55	0.2122	105	-0.3888
5	-0.0738	56	0.1922	110	-0.1728
6	-0.0058	57	0.1842	111	-0.2008
7	0.0482	58	0.1612	112	-0.1358
8	0.0822	59	0.1412	113	-0.1728
9	0.0982	60	0.1222	114	0.0902
10	0.1012	61	0.0952	115	0.0892
11	0.0992	62	0.0602	116	0.0902
12	0.0872	63	-0.0018	117	0.0902
13	0.0472	64	-0.3728	118	0.0912
14	-0.0878	65	-0.3738	119	0.0892
15	-0.1658	66	0.2132	120	-0.1528
16	-0.0898	67	0.1952	121	0.0772
17	-0.1438	68	0.1722	122	0.0912
18	-0.0508	69	0.1442	123	0.0912
19	0.0232	70	0.1182	124	-0.0768
20	0.0582	71	0.0872	125	-0.0498
21	0.0882	72	0.0402	126	-0.0008
22	0.1002	73	-0.0398	127	-0.0258
23	0.1062	74	-0.3908	128	-0.0098
24	0.1122	75	0.2072	129	-0.1848
25	0.0952	76	0.1792	135	0.0002
26	0.0782	77	0.1382	136	-0.0018
27	0.0382	78	0.1042	137	-0.0018
28	-0.0898	79	0.0522	138	0.0392
29	-0.2068	80	0.0072	139	0.0362
30	-0.0208	81	-0.1118	140	0.0412
32	0.0902	82	-0.4008	141	0.2242
33	0.1092	83	0.1772	142	0.2242
34	0.1132	84	0.1442	143	0.2212
35	0.1182	85	0.0782	145	-0.0078
36	0.1222	86	0.0442	147	0.2262
37	0.1172	87	0.0012	151	0.0032
38	0.1012	88	-0.0838	152	-0.1778
39	0.0812	89	-0.4138	153	-0.2918
40	0.0402	90	0.0862	154	-0.4108
41	-0.0738	91	0.0682	155	0.1622
42	-0.2708	92	0.0232	156	0.1372
43	0.1682	93	-0.0118	157	-0.0428
44	0.1642	94	-0.0748	158	0.4632
45	0.1532	95	-0.4148	159	0.2792
46	0.1532	96	-0.3008	160	0.2302
47	0.1482	97	-0.3588	161	0.1082
48	0.1342	98	0.1592	162	0.4012
49	0.1232	99	0.1302	163	0.3212
50	0.1072	100	-0.1058	164	0.0312
51	0.0742	101	-0.2358	165	0.0292

ORF	CP	ORF	CP	ORF	CP
166	0.4792	217	-0.0948	268	-0.1448
167	0.2902	218	0.0272	269	0.1952
168	0.2542	219	0.0982	270	0.2852
169	0.1222	220	0.0832	271	-0.2138
170	0.2412	221	-0.5638	272	-0.2228
171	0.1922	222	-0.3038	273	0.2072
172	-0.0428	223	-0.0628	274	0.2722
173	0.0342	224	-0.1218	275	0.5102
174	-0.0798	225	0.3902	276	0.4342
175	-0.3008	226	0.2302	277	0.2812
176	-0.4198	227	-0.4768	278	-0.6118
177	-0.1908	228	-0.4608	279	-0.5628
178	-0.3288	229	-0.4538	280	-0.4738
179	-0.2828	230	-0.3418	281	-0.3528
180	-0.3458	231	-0.1198	282	-0.1368
181	0.3542	232	0.0242	283	0.0052
182	0.4742	233	0.0902	284	0.1082
183	0.4652	234	0.0762	285	0.0722
184	0.6582	235	-0.1628	286	-0.2238
185	0.7402	236	-0.2928	287	-0.2568
186	0.8212	237	-0.2178	288	0.1732
187	0.8702	238	-0.2198	289	0.2722
188	0.9232	239	0.3762	290	0.2072
189	0.9992	240	0.2532	291	-0.3928
190	-0.3458	241	-0.4608	292	0.0912
191	-0.3458	242	-0.4638	325	0.1022
192	-0.3458	244	-0.2618	326	0.0982
193	-0.3438	245	-0.0348	327	0.0972
194	-0.3498	246	0.0372	328	0.0972
195	-0.3458	247	0.0752	329	0.0962
196	-0.3528	248	0.0712	330	0.0962
197	-0.3388	249	-0.0818	331	0.1002
198	-0.3418	250	-0.1368	332	0.0982
199	-0.3458	251	-0.1238	333	0.0982
200	-0.3468	252	-0.0608	334	0.0962
201	-0.3428	253	0.3882	335	0.0982
202	-0.3418	254	0.2392	336	0.1002
203	-0.3478	255	-0.4718	337	0.1022
204	-0.3518	256	-0.4728	338	0.0992
205	0.3712	257	-0.4368	339	0.0982
206	0.3942	258	-0.3478	340	0.0972
207	0.3892	259	-0.1598	341	0.0962
208	0.3932	260	0.0122	350	0.0892
210	0.4892	261	0.0952	351	0.0902
211	0.4352	262	0.0942	352	0.0902
212	0.2922	263	-0.1418	353	0.0892
213	-0.6288	264	-0.0998	354	0.0922
214	-0.5528	265	0.1772	355	0.0942
215	-0.4778	266	0.2362		
216	-0.3318	267	-0.1518		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1260
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 0.996
TUNNEL DYNAMIC PRESSURE(PSF) = 724.
TUNNEL STAGNATION PRESSURE(PSF) = 1965.
TUNNEL STATIC PRESSURE(PSF) = 1043.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.51
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8264
247	0.8254
347	0.8254
447	0.8264
547	0.8194
647	0.8194
747	0.8204

ORF	CP	ORF	CP	ORF	CP
1	-0.2206	52	-0.4056	102	-0.4456
2	-0.5926	53	-0.5676	103	-0.8716
3	-0.6956	54	-0.5186	104	-0.8566
4	-0.5306	55	-0.8586	105	-0.7546
5	-0.4096	56	-0.8116	110	-0.0856
6	-0.3476	57	-0.7136	111	-0.1266
7	-0.3076	58	-0.5376	112	-0.0836
8	-0.2816	59	-0.4376	113	-0.1976
9	-0.2646	60	-0.3706	114	0.0904
10	-0.2566	61	-0.3596	115	0.0904
11	-0.2506	62	-0.3756	116	0.0904
12	-0.2576	63	-0.4256	117	0.0924
13	-0.2776	64	-0.6606	118	0.0874
14	-0.4046	65	-0.6236	119	0.0924
15	-0.4706	66	-0.8416	120	-0.1366
16	-0.5406	67	-0.8596	121	0.0864
17	-0.6106	68	-0.8446	122	0.0904
18	-0.5476	69	-0.7576	123	0.0924
19	-0.4096	70	-0.6586	124	-0.1116
20	-0.3596	71	-0.5356	125	-0.0956
21	-0.3256	72	-0.4876	126	-0.0736
22	-0.2946	73	-0.5076	127	-0.0886
23	-0.2796	74	-0.6626	128	-0.1156
24	-0.2716	75	-0.8376	129	-0.1736
25	-0.2696	76	-0.8746	135	-0.0936
26	-0.2776	77	-0.8866	136	-0.0876
27	-0.3126	78	-0.8696	137	-0.0916
28	-0.4296	79	-0.8196	138	0.0744
29	-0.4916	80	-0.7626	139	0.0764
30	-0.6916	81	-0.7616	140	0.0844
32	-0.4386	82	-0.7776	141	0.1974
33	-0.3506	83	-0.6986	142	0.1924
34	-0.3276	84	-0.8776	143	0.1724
35	-0.3016	85	-0.9166	145	-0.0826
36	-0.2896	86	-0.9296	147	0.1914
37	-0.2806	87	-0.9306	151	-0.1656
38	-0.2856	88	-0.8876	152	-0.2656
39	-0.3086	89	-0.8036	153	-0.2806
40	-0.3536	90	-0.8596	154	-0.2976
41	-0.4496	91	-0.8876	155	-0.1316
42	-0.5066	92	-0.8906	156	-0.1806
43	-0.8326	93	-0.8896	157	-0.2536
44	-0.6736	94	-0.8586	158	0.0544
45	-0.4936	95	-0.7626	159	-0.0826
46	-0.3796	96	-0.3266	160	-0.1336
47	-0.3266	97	-0.5306	161	-0.2006
48	-0.3056	98	0.1274	162	0.1334
49	-0.3066	99	0.1504	163	-0.0016
50	-0.3136	100	-0.3646	164	0.0734
51	-0.3516	101	-0.4866	165	-0.1756

ORF	CP	ORF	CP	ORF	CP
166	0.3374	217	-0.6276	268	-0.3776
167	0.0854	218	-0.4816	269	-0.1146
168	0.0824	219	-0.1666	270	-0.0576
169	-0.0236	220	-0.1036	271	-0.4666
170	0.0644	221	-0.7876	272	-0.4296
171	-0.0396	222	-0.6206	273	-0.0886
172	-0.1946	223	-0.3796	274	-0.0456
173	-0.1506	224	-0.3406	275	0.1474
174	-0.2206	225	0.2824	276	0.0554
175	-0.3396	226	0.1184	277	-0.0656
176	-0.3576	227	-1.1236	278	-1.0416
177	-0.3456	228	-1.0646	279	-0.9506
178	-0.4026	229	-1.0076	280	-0.8386
179	-0.3226	230	-0.8866	281	-0.6416
180	-0.3156	231	-0.6666	282	-0.4396
181	-0.0276	232	-0.4266	283	-0.3386
182	0.0734	233	-0.1576	284	-0.2656
183	0.1344	234	-0.1016	285	-0.2616
184	0.2984	235	-0.4286	286	-0.4736
185	0.3494	236	-0.6296	287	-0.4696
186	0.3844	237	-0.4986	288	-0.1056
187	0.4104	238	-0.3416	289	0.0404
188	0.4584	239	0.1814	290	-0.0936
189	0.4794	240	0.0744	291	-0.2986
190	-0.3126	241	-1.1386	292	0.2944
191	-0.3226	242	-1.0486	325	0.1034
192	-0.3056	244	-0.8606	326	0.1044
193	-0.3186	245	-0.5716	327	0.1014
194	-0.3156	246	-0.3406	328	0.1024
195	-0.3326	247	-0.2106	329	0.1024
196	-0.3316	248	-0.1706	330	0.1024
197	-0.3226	249	-0.4516	331	0.1064
198	-0.3236	250	-0.4816	332	0.1014
199	-0.3196	251	-0.3376	333	0.1024
200	-0.3296	252	-0.2146	334	0.1034
201	-0.3196	253	0.0814	335	0.1034
202	-0.3216	254	-0.0586	336	0.1024
203	-0.3266	255	-1.1316	337	0.1024
204	-0.3286	256	-1.0626	338	0.1044
205	0.0614	257	-0.9566	339	0.1014
206	0.0954	258	-0.6976	340	0.1024
207	0.0564	259	-0.4376	341	0.1034
208	0.0084	260	-0.3356	350	0.0924
210	0.1704	261	-0.2616	351	0.0914
211	0.2884	262	-0.2386	352	0.0944
212	0.1484	263	-0.4796	353	0.0924
213	-0.9236	264	-0.3506	354	0.0924
214	-0.8616	265	-0.1316	355	0.0904
215	-0.7916	266	-0.0936		
216	-0.6966	267	-0.4666		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1261
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 0.994
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1961.
TUNNEL STATIC PRESSURE(PSF) = 1043.
REYNOLDS NUMBER PER FOOT = 3.9600E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = -0.68
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8284
247	0.8284
347	0.8284
447	0.8284
547	0.8274
647	0.8284
747	0.8274

ORF	CP	ORF	CP	ORF	CP
1	-0.2476	52	-0.3946	102	-0.4226
2	-0.5686	53	-0.5406	103	-0.8486
3	-0.5876	54	-0.4766	104	-0.8396
4	-0.4186	55	-0.7856	105	-0.7056
5	-0.3296	56	-0.7976	110	-0.1206
6	-0.2926	57	-0.6896	111	-0.1546
7	-0.2686	58	-0.5636	112	-0.1136
8	-0.2526	59	-0.4176	113	-0.2146
9	-0.2426	60	-0.3546	114	0.1034
10	-0.2396	61	-0.3326	115	0.1054
11	-0.2396	62	-0.3576	116	0.1054
12	-0.2496	63	-0.4076	117	0.1034
13	-0.2736	64	-0.6246	118	0.1024
14	-0.4016	65	-0.5886	119	0.1004
15	-0.4526	66	-0.7836	120	-0.1016
16	-0.5356	67	-0.8126	121	0.0984
17	-0.5436	68	-0.7916	122	0.1044
18	-0.4396	69	-0.7366	123	0.1024
19	-0.3656	70	-0.6556	124	-0.0916
20	-0.3266	71	-0.5446	125	-0.0736
21	-0.2956	72	-0.4746	126	-0.0426
22	-0.2646	73	-0.4686	127	-0.0606
23	-0.2616	74	-0.6186	128	-0.0496
24	-0.2506	75	-0.7826	129	-0.1536
25	-0.2566	76	-0.8096	135	-0.0566
26	-0.2646	77	-0.8316	136	-0.0506
27	-0.3066	78	-0.8266	137	-0.0526
28	-0.4236	79	-0.7886	138	0.0914
29	-0.4666	80	-0.7386	139	0.0944
30	-0.6296	81	-0.7556	140	0.0954
32	-0.3726	82	-0.7516	141	0.1954
33	-0.3236	83	-0.6566	142	0.1924
34	-0.3016	84	-0.8146	143	0.1784
35	-0.2866	85	-0.8456	145	-0.0596
36	-0.2706	86	-0.8736	147	0.1904
37	-0.2766	87	-0.8676	151	-0.1416
38	-0.2786	88	-0.8196	152	-0.2496
39	-0.3006	89	-0.7416	153	-0.2796
40	-0.3436	90	-0.8116	154	-0.2946
41	-0.4376	91	-0.8216	155	-0.1156
42	-0.4746	92	-0.8156	156	-0.1676
43	-0.7536	93	-0.8266	157	-0.2406
44	-0.6156	94	-0.8106	158	0.0334
45	-0.4446	95	-0.6976	159	-0.0716
46	-0.3626	96	-0.2746	160	-0.1286
47	-0.3076	97	-0.5016	161	-0.1916
48	-0.2846	98	0.1424	162	0.1524
49	-0.2936	99	0.1494	163	0.0174
50	-0.3096	100	-0.3526	164	0.0964
51	-0.3456	101	-0.4616	165	-0.1616

ORF	CP	ORF	CP	ORF	CP
166	0.3774	217	-0.5176	268	-0.3506
167	0.1454	218	-0.3076	269	-0.1056
168	0.1414	219	-0.1116	270	-0.0616
169	0.0394	220	-0.1196	271	-0.4446
170	0.1184	221	-0.7666	272	-0.4176
171	0.0364	222	-0.6426	273	-0.0796
172	-0.1496	223	-0.3526	274	-0.0376
173	-0.1296	224	-0.3046	275	0.1564
174	-0.2166	225	0.2694	276	0.0604
175	-0.3536	226	0.0994	277	-0.0726
176	-0.3696	227	-1.1346	278	-0.9896
177	-0.3196	228	-1.0756	279	-0.8876
178	-0.3576	229	-1.0126	280	-0.7806
179	-0.2776	230	-0.8716	281	-0.5826
180	-0.3066	231	-0.5926	282	-0.3556
181	-0.0476	232	-0.2706	283	-0.2946
182	0.0644	233	-0.1286	284	-0.2426
183	0.1684	234	-0.1096	285	-0.2546
184	0.3264	235	-0.4406	286	-0.4476
185	0.3704	236	-0.5956	287	-0.4466
186	0.3774	237	-0.4446	288	-0.0856
187	0.4044	238	-0.3276	289	0.0554
188	0.4294	239	0.2064	290	-0.0906
189	0.4694	240	0.0874	291	-0.3556
190	-0.3066	241	-1.1336	292	0.2594
191	-0.3196	242	-1.0506	325	0.1084
192	-0.3106	244	-0.8376	326	0.1094
193	-0.3096	245	-0.4666	327	0.1124
194	-0.3116	246	-0.2526	328	0.1084
195	-0.3236	247	-0.1996	329	0.1094
196	-0.3216	248	-0.1736	330	0.1094
197	-0.3186	249	-0.4316	331	0.1114
198	-0.3116	250	-0.4466	332	0.1134
199	-0.3166	251	-0.3056	333	0.1104
200	-0.3246	252	-0.1946	334	0.1104
201	-0.3136	253	0.1114	335	0.1114
202	-0.3176	254	-0.0366	336	0.1074
203	-0.3166	255	-1.0746	337	0.1084
204	-0.3146	256	-0.9966	338	0.1084
205	0.1034	257	-0.9046	339	0.1124
206	0.1484	258	-0.6566	340	0.1084
207	0.0994	259	-0.3836	341	0.1104
208	0.0674	260	-0.2886	350	0.1024
210	0.1934	261	-0.2456	351	0.1054
211	0.2694	262	-0.2286	352	0.1054
212	0.1304	263	-0.4646	353	0.1044
213	-0.9436	264	-0.3246	354	0.1034
214	-0.9026	265	-0.1186	355	0.1034
215	-0.8246	266	-0.0846		
216	-0.7136	267	-0.4496		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1262
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 725.
TUNNEL STAGNATION PRESSURE(PSF) = 1961.
TUNNEL STATIC PRESSURE(PSF) = 1036.
REYNOLDS NUMBER PER FOOT = 3.9670E 06
MODEL ANGLE OF ATTACK(DEG) = -8.07
FIN ANGLE(DEG) = -0.72
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8360
247	0.8360
347	0.8360
447	0.8370
547	0.8350
647	0.8350
747	0.8350

ORF	CP	ORF	CP	ORF	CP
1	-0.0810	52	-0.2930	102	-0.3530
2	-0.4550	53	-0.4180	103	-0.7850
3	-0.5150	54	-0.3780	104	-0.7800
4	-0.3750	55	-0.7350	105	-0.6240
5	-0.3000	56	-0.7040	110	-0.1710
6	-0.2650	57	-0.5670	111	-0.1980
7	-0.2300	58	-0.3550	112	-0.1590
8	-0.2140	59	-0.2160	113	-0.2250
9	-0.1890	60	-0.1790	114	0.0990
10	-0.1790	61	-0.1770	115	0.0970
11	-0.1730	62	-0.1930	116	0.0990
12	-0.1760	63	-0.2450	117	0.0990
13	-0.1960	64	-0.5410	118	0.1000
14	-0.3250	65	-0.4800	119	0.0980
15	-0.3800	66	-0.6860	120	-0.1330
16	-0.3680	67	-0.6880	121	0.0900
17	-0.4020	68	-0.6390	122	0.0950
18	-0.3480	69	-0.5470	123	0.0980
19	-0.3120	70	-0.3820	124	-0.0930
20	-0.2810	71	-0.2280	125	-0.0610
21	-0.2550	72	-0.1980	126	-0.0270
22	-0.2270	73	-0.2510	127	-0.0470
23	-0.2110	74	-0.5350	128	-0.0600
24	-0.2000	75	-0.6200	129	-0.1690
25	-0.1950	76	-0.6360	135	-0.0270
26	-0.2050	77	-0.6080	136	-0.0250
27	-0.2420	78	-0.5690	137	-0.0260
28	-0.3570	79	-0.5080	138	0.1220
29	-0.3810	80	-0.4580	139	0.1220
30	-0.4270	81	-0.4750	140	0.1190
32	-0.3150	82	-0.5400	141	0.1920
33	-0.2890	83	-0.4760	142	0.1920
34	-0.2560	84	-0.5860	143	0.1880
35	-0.2370	85	-0.6110	145	-0.0290
36	-0.2210	86	-0.6170	147	0.1910
37	-0.2150	87	-0.5880	151	-0.0290
38	-0.2140	88	-0.5790	152	-0.2310
39	-0.2330	89	-0.5930	153	-0.2850
40	-0.2740	90	-0.5750	154	-0.3020
41	-0.3590	91	-0.5820	155	-0.1230
42	-0.3730	92	-0.5830	156	-0.0910
43	-0.7220	93	-0.5860	157	-0.1820
44	-0.4620	94	-0.6140	158	0.0690
45	-0.2950	95	-0.5870	159	-0.0030
46	-0.2360	96	-0.1970	160	-0.0580
47	-0.2100	97	-0.4310	161	-0.1500
48	-0.2100	98	0.1500	162	0.1360
49	-0.2130	99	0.1510	163	0.0360
50	-0.2280	100	-0.3390	164	0.1200
51	-0.2480	101	-0.3880	165	-0.1610

ORF	CP	ORF	CP	ORF	CP
166	0.2760	217	-0.4590	268	-0.2900
167	0.1210	218	-0.1950	269	-0.0300
168	0.0940	219	-0.0700	270	0.0090
169	-0.0090	220	-0.0780	271	-0.3650
170	0.0820	221	-0.7000	272	-0.3380
171	0.0600	222	-0.5790	273	-0.0040
172	-0.1300	223	-0.2560	274	0.0310
173	-0.0880	224	-0.2480	275	0.2160
174	-0.1740	225	0.2830	276	0.1760
175	-0.3200	226	0.1230	277	0.0270
176	-0.3490	227	-1.1330	278	-0.9310
177	-0.2610	228	-1.0810	279	-0.8460
178	-0.3410	229	-1.0270	280	-0.7270
179	-0.2830	230	-0.8710	281	-0.5280
180	-0.2960	231	-0.3670	282	-0.3190
181	0.1060	232	-0.1630	283	-0.2590
182	0.2500	233	-0.0790	284	-0.1850
183	0.2750	234	-0.0690	285	-0.1790
184	0.4400	235	-0.3620	286	-0.3740
185	0.4950	236	-0.5070	287	-0.3790
186	0.5540	237	-0.3670	288	-0.0210
187	0.6250	238	-0.2960	289	0.0780
188	0.7040	239	0.3300	290	0.0060
189	0.7560	240	0.2110	291	-0.4520
190	-0.2950	241	-1.1140	292	0.1850
191	-0.3000	242	-1.0200	325	0.1120
192	-0.2920	244	-0.8410	326	0.1110
193	-0.2890	245	-0.4670	327	0.1090
194	-0.2910	246	-0.1860	328	0.1070
195	-0.2990	247	-0.1120	329	0.1070
196	-0.3100	248	-0.0840	330	0.1090
197	-0.2950	249	-0.3410	331	0.1120
198	-0.3000	250	-0.3660	332	0.1100
199	-0.3000	251	-0.2540	333	0.1080
200	-0.3060	252	-0.1470	334	0.1090
201	-0.2980	253	0.2470	335	0.1110
202	-0.2940	254	0.0950	336	0.1070
203	-0.2930	255	-1.1170	337	0.1110
204	-0.2950	256	-1.0470	338	0.1100
205	0.1920	257	-0.9650	339	0.1090
206	0.2320	258	-0.7950	340	0.1070
207	0.2050	259	-0.3670	341	0.1070
208	0.2000	260	-0.2290	350	0.0960
210	0.3340	261	-0.1750	351	0.0960
211	0.3070	262	-0.1390	352	0.0970
212	0.1540	263	-0.3900	353	0.0950
213	-0.9410	264	-0.2700	354	0.1010
214	-0.9270	265	-0.0410	355	0.1010
215	-0.8840	266	0.0040		
216	-0.7640	267	-0.3680		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1263
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.003
TUNNEL DYNAMIC PRESSURE(PSF) = 727.
TUNNEL STAGNATION PRESSURE(PSF) = 1961.
TUNNEL STATIC PRESSURE(PSF) = 1033.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.79
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8371
247	0.8361
347	0.8371
447	0.8381
547	0.8371
647	0.8371
747	0.8371

ORF	CP	ORF	CP	ORF	CP
1	-0.0059	52	-0.2399	102	-0.3279
2	-0.4409	53	-0.4309	103	-0.7739
3	-0.6449	54	-0.3899	104	-0.7439
4	-0.3849	55	-0.5909	105	-0.5769
5	-0.2729	56	-0.4789	110	-0.1869
6	-0.2129	57	-0.2949	111	-0.2139
7	-0.1659	58	-0.1049	112	-0.1709
8	-0.1309	59	-0.0749	113	-0.2209
9	-0.1169	60	-0.0969	114	0.0991
10	-0.1029	61	-0.1329	115	0.1001
11	-0.0999	62	-0.1749	116	0.1011
12	-0.1099	63	-0.2289	117	0.0971
13	-0.1389	64	-0.5639	118	0.0961
14	-0.2779	65	-0.5279	119	0.0941
15	-0.3469	66	-0.4749	120	-0.1359
16	-0.3289	67	-0.4549	121	0.0921
17	-0.4729	68	-0.3839	122	0.0981
18	-0.3499	69	-0.2939	123	0.1001
19	-0.2529	70	-0.2199	124	-0.0759
20	-0.2119	71	-0.1779	125	-0.0629
21	-0.1669	72	-0.1889	126	-0.0289
22	-0.1349	73	-0.2459	127	-0.0329
23	-0.1169	74	-0.5389	128	-0.0439
24	-0.1119	75	-0.5299	129	-0.1639
25	-0.1139	76	-0.4349	135	-0.0179
26	-0.1349	77	-0.3459	136	-0.0069
27	-0.1819	78	-0.2859	137	-0.0109
28	-0.3139	79	-0.2679	138	0.1251
29	-0.3629	80	-0.2819	139	0.1321
30	-0.4199	81	-0.3819	140	0.1321
32	-0.2529	82	-0.4979	141	0.1951
33	-0.1989	83	-0.4699	142	0.1941
34	-0.1549	84	-0.5209	143	0.1921
35	-0.1309	85	-0.4349	145	-0.0149
36	-0.1159	86	-0.3179	147	0.1941
37	-0.1149	87	-0.2519	151	-0.0239
38	-0.1289	88	-0.2909	152	-0.2269
39	-0.1559	89	-0.4899	153	-0.2829
40	-0.2099	90	-0.5889	154	-0.3009
41	-0.3199	91	-0.5399	155	-0.0929
42	-0.3619	92	-0.4279	156	-0.0309
43	-0.6349	93	-0.3269	157	-0.1599
44	-0.3449	94	-0.3209	158	0.1411
45	-0.1579	95	-0.4959	159	0.0471
46	-0.0919	96	-0.2439	160	-0.0189
47	-0.0779	97	-0.4189	161	-0.1209
48	-0.0849	98	0.1611	162	0.1791
49	-0.1149	99	0.1391	163	0.0631
50	-0.1419	100	-0.3259	164	0.1331
51	-0.1819	101	-0.3679	165	-0.1319

ORF	CP	ORF	CP	ORF	CP
166	0.3011	217	-0.2479	268	-0.2689
167	0.1141	218	-0.1199	269	0.0231
168	0.0991	219	-0.0619	270	0.0631
169	-0.0079	220	-0.0819	271	-0.3499
170	0.0801	221	-0.6449	272	-0.3159
171	0.0531	222	-0.5189	273	0.0361
172	-0.1289	223	-0.2109	274	0.0791
173	-0.0689	224	-0.2279	275	0.3091
174	-0.1579	225	0.2651	276	0.2411
175	-0.2949	226	0.1021	277	0.0811
176	-0.3429	227	-0.9119	278	-1.0009
177	-0.2399	228	-0.8009	279	-0.8869
178	-0.3329	229	-0.7379	280	-0.7669
179	-0.2799	230	-0.5569	281	-0.5329
180	-0.2779	231	-0.2769	282	-0.2849
181	0.1581	232	-0.1379	283	-0.1899
182	0.2751	233	-0.0649	284	-0.1099
183	0.3111	234	-0.0789	285	-0.1269
184	0.4521	235	-0.3379	286	-0.3579
185	0.4861	236	-0.4589	287	-0.3549
186	0.5401	237	-0.3219	288	0.0271
187	0.6141	238	-0.2869	289	0.1201
188	0.7171	239	0.3531	290	0.0481
189	0.7781	240	0.2311	291	-0.4979
190	-0.2989	241	-1.1039	292	0.1371
191	-0.3019	242	-1.0079	325	0.1071
192	-0.2899	244	-0.8069	326	0.1021
193	-0.2929	245	-0.2899	327	0.1081
194	-0.2919	246	-0.1209	328	0.1061
195	-0.2979	247	-0.0719	329	0.1051
196	-0.3069	248	-0.0649	330	0.1051
197	-0.2969	249	-0.2919	331	0.1041
198	-0.2949	250	-0.3269	332	0.1101
199	-0.2989	251	-0.2189	333	0.1071
200	-0.2999	252	-0.1239	334	0.1061
201	-0.2989	253	0.3031	335	0.1061
202	-0.2979	254	0.1461	336	0.1081
203	-0.2989	255	-1.0989	337	0.1071
204	-0.2899	256	-1.0249	338	0.1021
205	0.2371	257	-0.9429	339	0.1091
206	0.2791	258	-0.7629	340	0.1051
207	0.2651	259	-0.3059	341	0.1051
208	0.2571	260	-0.1519	350	0.0991
210	0.3171	261	-0.0999	351	0.0951
211	0.2971	262	-0.0879	352	0.0951
212	0.1341	263	-0.3519	353	0.0981
213	-0.8719	264	-0.2409	354	0.1001
214	-0.7789	265	0.0081	355	0.0991
215	-0.7099	266	0.0571		
216	-0.5319	267	-0.3409		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1264
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.004
TUNNEL DYNAMIC PRESSURE(PSF) = 727.
TUNNEL STAGNATION PRESSURE(PSF) = 1961.
TUNNEL STATIC PRESSURE(PSF) = 1031.
REYNOLDS NUMBER PER FOOT = 3.9700E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = -0.60
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	0.8398
247	0.8388
347	0.8388
447	0.8398
547	0.8388
647	0.8388
747	0.8388

ORF	CP	ORF	CP	ORF	CP
1	0.0528	52	-0.1802	102	-0.3022
2	-0.4012	53	-0.3922	103	-0.7212
3	-0.6662	54	-0.4022	104	-0.6802
4	-0.3482	55	-0.3242	105	-0.5172
5	-0.2002	56	-0.1482	110	-0.2072
6	-0.1212	57	-0.0582	111	-0.2352
7	-0.0832	58	-0.0462	112	-0.1842
8	-0.0632	59	-0.0512	113	-0.2232
9	-0.0552	60	-0.0652	114	0.0978
10	-0.0532	61	-0.0922	115	0.0978
11	-0.0552	62	-0.1312	116	0.0968
12	-0.0662	63	-0.1862	117	0.0998
13	-0.0972	64	-0.5342	118	0.1008
14	-0.2412	65	-0.5092	119	0.0978
15	-0.3142	66	-0.3522	120	-0.1432
16	-0.2762	67	-0.1742	121	0.0918
17	-0.4492	68	-0.0712	122	0.0998
18	-0.2732	69	-0.0552	123	0.0968
19	-0.1532	70	-0.0762	124	-0.0832
20	-0.0952	71	-0.1042	125	-0.0492
21	-0.0692	72	-0.1432	126	-0.0022
22	-0.0582	73	-0.2202	127	-0.0282
23	-0.0522	74	-0.5282	128	-0.0032
24	-0.0612	75	-0.3712	129	-0.1782
25	-0.0672	76	-0.2262	135	-0.0052
26	-0.0842	77	-0.1062	136	-0.0032
27	-0.1272	78	-0.0902	137	-0.0032
28	-0.2672	79	-0.1222	138	0.1338
29	-0.3352	80	-0.1622	139	0.1338
30	-0.3362	81	-0.2682	140	0.1358
32	-0.1372	82	-0.5072	141	0.1898
33	-0.0822	83	-0.3242	142	0.1908
34	-0.0572	84	-0.2722	143	0.1888
35	-0.0492	85	-0.1682	145	-0.0042
36	-0.0492	86	-0.1282	147	0.1898
37	-0.0592	87	-0.1382	151	-0.0252
38	-0.0672	88	-0.2232	152	-0.2182
39	-0.0942	89	-0.5082	153	-0.2652
40	-0.1472	90	-0.4202	154	-0.3132
41	-0.2682	91	-0.2742	155	-0.0412
42	-0.3522	92	-0.1582	156	0.0518
43	-0.3632	93	-0.1462	157	-0.1182
44	-0.0982	94	-0.2192	158	0.2238
45	-0.0412	95	-0.5002	159	0.1128
46	-0.0372	96	-0.2422	160	0.0348
47	-0.0422	97	-0.4142	161	-0.0692
48	-0.0502	98	0.1368	162	0.2168
49	-0.0632	99	0.0978	163	0.1038
50	-0.0822	100	-0.2862	164	0.1358
51	-0.1212	101	-0.3262	165	-0.1022

ORF	CP	ORF	CP	ORF	CP
166	0.3368	217	-0.2132	268	-0.2552
167	0.1288	218	-0.0902	269	0.0798
168	0.1138	219	-0.0372	270	0.1378
169	0.0038	220	-0.0602	271	-0.3282
170	0.1278	221	-0.6092	272	-0.3072
171	0.0628	222	-0.4902	273	0.0888
172	-0.1122	223	-0.1782	274	0.1328
173	-0.0622	224	-0.2002	275	0.3588
174	-0.1362	225	0.2778	276	0.3038
175	-0.2762	226	0.1118	277	0.1478
176	-0.3192	227	-0.6332	278	-1.0112
177	-0.2212	228	-0.6082	279	-0.9362
178	-0.3292	229	-0.5782	280	-0.8612
179	-0.3272	230	-0.4752	281	-0.6062
180	-0.2902	231	-0.2402	282	-0.2412
181	0.2258	232	-0.1032	283	-0.1132
182	0.3518	233	-0.0432	284	-0.0472
183	0.3488	234	-0.0612	285	-0.0772
184	0.5098	235	-0.3042	286	-0.3362
185	0.5328	236	-0.4052	287	-0.3472
186	0.5598	237	-0.2972	288	0.0538
187	0.6228	238	-0.2732	289	0.1548
188	0.7118	239	0.3208	290	0.1048
189	0.7578	240	0.1968	291	-0.5272
190	-0.2672	241	-0.9082	292	0.0868
191	-0.2652	242	-0.8262	325	0.1078
192	-0.2682	244	-0.5222	326	0.1088
193	-0.2662	245	-0.2542	327	0.1078
194	-0.2752	246	-0.1152	328	0.1068
195	-0.2762	247	-0.0512	329	0.1078
196	-0.2902	248	-0.0522	330	0.1088
197	-0.2822	249	-0.2412	331	0.1098
198	-0.2882	250	-0.2762	332	0.1088
199	-0.2872	251	-0.1992	333	0.1078
200	-0.2912	252	-0.1112	334	0.1088
201	-0.2892	253	0.3428	335	0.1108
202	-0.2822	254	0.1948	336	0.1098
203	-0.2892	255	-1.0922	337	0.1088
204	-0.2892	256	-1.0132	338	0.1088
205	0.2818	257	-0.9472	339	0.1088
206	0.3148	258	-0.7842	340	0.1078
207	0.3108	259	-0.2322	341	0.1078
208	0.3098	260	-0.0812	350	0.0998
210	0.3398	261	-0.0432	351	0.0988
211	0.3058	262	-0.0402	352	0.0998
212	0.1548	263	-0.3102	353	0.1008
213	-0.7392	264	-0.2132	354	0.1008
214	-0.6672	265	0.0568	355	0.0968
215	-0.5982	266	0.1158		
216	-0.4472	267	-0.3052		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1265
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 1.005
TUNNEL DYNAMIC PRESSURE(PSF) = 728.
TUNNEL STAGNATION PRESSURE(PSF) = 1961.
TUNNEL STATIC PRESSURE(PSF) = 1030.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = -1.93
FIN ANGLE(DEG) = -0.58
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	0.8412
247	0.8402
347	0.8392
447	0.8412
547	0.8492
647	0.8482
747	0.8492

ORF	CP	ORF	CP	ORF	CP
1	0.1142	52	-0.1118	102	-0.2678
2	-0.3428	53	-0.3318	103	-0.6888
3	-0.4818	54	-0.4428	104	-0.6578
4	-0.3008	55	0.0252	105	-0.4848
5	-0.1768	56	0.0312	110	-0.2098
6	-0.0918	57	0.0342	111	-0.2388
7	-0.0468	58	0.0202	112	-0.1758
8	-0.0268	59	0.0092	113	-0.1948
9	-0.0128	60	-0.0078	114	0.1082
10	-0.0108	61	-0.0338	115	0.1082
11	-0.0128	62	-0.0708	116	0.1072
12	-0.0288	63	-0.1308	117	0.1062
13	-0.0588	64	-0.4898	118	0.1072
14	-0.1988	65	-0.4878	119	0.1092
15	-0.2678	66	0.0292	120	-0.1398
16	-0.2108	67	0.0322	121	0.1022
17	-0.3068	68	0.0192	122	0.1072
18	-0.1508	69	0.0022	123	0.1092
19	-0.0758	70	-0.0198	124	-0.0518
20	-0.0448	71	-0.0458	125	-0.0328
21	-0.0238	72	-0.0878	126	0.0132
22	-0.0088	73	-0.1678	127	-0.0068
23	-0.0038	74	-0.5028	128	-0.1198
24	-0.0048	75	0.0252	129	-0.1778
25	-0.0138	76	0.0202	135	0.0142
26	-0.0308	77	-0.0068	136	0.0212
27	-0.0758	78	-0.0348	137	0.0182
28	-0.2118	79	-0.0768	138	0.1522
29	-0.3048	80	-0.1088	139	0.1532
30	-0.1748	81	-0.2258	140	0.1512
32	-0.0298	82	-0.5028	141	0.1982
33	-0.0128	83	0.0192	142	0.1992
34	-0.0038	84	-0.0158	143	0.1972
35	0.0012	85	-0.0608	145	0.0182
36	0.0032	86	-0.0698	147	0.1972
37	0.0002	87	-0.1088	151	-0.0378
38	-0.0118	88	-0.1918	152	-0.2068
39	-0.0358	89	-0.5158	153	-0.2788
40	-0.0818	90	-0.0698	154	-0.3548
41	-0.1998	91	-0.0428	155	0.0912
42	-0.3528	92	-0.0808	156	0.0742
43	-0.0058	93	-0.1168	157	-0.0998
44	0.0112	94	-0.1788	158	0.3212
45	0.0132	95	-0.5078	159	0.1932
46	0.0202	96	-0.2798	160	0.1272
47	0.0162	97	-0.4428	161	-0.0018
48	0.0092	98	0.1152	162	0.2912
49	-0.0008	99	0.0762	163	0.2032
50	-0.0198	100	-0.2338	164	0.1542
51	-0.0558	101	-0.3148	165	-0.0548

ORF	CP	ORF	CP	ORF	CP
166	0.4342	217	-0.1348	268	-0.2158
167	0.1822	218	-0.0278	269	0.1192
168	0.1602	219	0.0062	270	0.1922
169	0.0402	220	-0.0238	271	-0.2848
170	0.1852	221	-0.5808	272	-0.2848
171	0.0812	222	-0.4508	273	0.1432
172	-0.1158	223	-0.1308	274	0.1872
173	-0.0528	224	-0.1678	275	0.4002
174	-0.1348	225	0.3042	276	0.3652
175	-0.3278	226	0.1442	277	0.2112
176	-0.3508	227	-0.5468	278	-0.8518
177	-0.2268	228	-0.5348	279	-0.7508
178	-0.3688	229	-0.5088	280	-0.6588
179	-0.3118	230	-0.3888	281	-0.4568
180	-0.2898	231	-0.1408	282	-0.1988
181	0.2622	232	-0.0388	283	-0.0718
182	0.4142	233	-0.0038	284	0.0022
183	0.4292	234	-0.0238	285	-0.0268
184	0.6152	235	-0.2698	286	-0.2908
185	0.6502	236	-0.3578	287	-0.3368
186	0.6692	237	-0.2638	288	0.0822
187	0.6772	238	-0.2448	289	0.1852
188	0.7302	239	0.3082	290	0.1382
189	0.7632	240	0.1822	291	-0.5468
190	-0.2818	241	-0.5898	292	0.0712
191	-0.2818	242	-0.5828	325	0.1092
192	-0.2868	244	-0.3768	326	0.1092
193	-0.2838	245	-0.1378	327	0.1072
194	-0.2878	246	-0.0548	328	0.1082
195	-0.2848	247	-0.0168	329	0.1092
196	-0.2978	248	-0.0258	330	0.1112
197	-0.2858	249	-0.1878	331	0.1102
198	-0.2838	250	-0.2218	332	0.1082
199	-0.2818	251	-0.1758	333	0.1092
200	-0.2858	252	-0.1038	334	0.1112
201	-0.2858	253	0.3322	335	0.1122
202	-0.2858	254	0.1952	336	0.1092
203	-0.2868	255	-0.7618	337	0.1092
204	-0.2898	256	-0.7088	338	0.1092
205	0.3042	257	-0.6398	339	0.1072
206	0.3302	258	-0.4808	340	0.1082
207	0.3332	259	-0.2118	341	0.1092
208	0.3392	260	-0.0698	350	0.1092
210	0.3672	261	-0.0008	351	0.1092
211	0.3422	262	-0.0018	352	0.1072
212	0.1922	263	-0.2498	353	0.1082
213	-0.6508	264	-0.1748	354	0.1062
214	-0.5828	265	0.0932	355	0.1062
215	-0.5258	266	0.1572		
216	-0.3558	267	-0.2508		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1266
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 66.
CONFIGURATION NO. = 8.
ANGLE OF MODEL ROLL(DEG) = 1800.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 725.
TUNNEL STAGNATION PRESSURE(PSF) = 1961.
TUNNEL STATIC PRESSURE(PSF) = 1036.
REYNOLDS NUMBER PER FOOT = 3.9660E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.48
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8370
247	0.8360
347	0.8350
447	0.8360
547	0.8350
647	0.8350
747	0.8350

ORF	CP	ORF	CP	ORF	CP
1	0.1500	52	-0.0600	102	-0.2600
2	-0.2960	53	-0.2930	103	-0.6500
3	-0.3870	54	-0.4370	104	-0.6360
4	-0.2490	55	0.1470	105	-0.4410
5	-0.1400	56	0.1240	110	-0.2330
6	-0.0580	57	0.1090	111	-0.2650
7	-0.0060	58	0.0920	112	-0.1840
8	0.0200	59	0.0740	113	-0.2100
9	0.0330	60	0.0510	114	0.0840
10	0.0350	61	0.0210	115	0.0840
11	0.0310	62	-0.0210	116	0.0830
12	0.0120	63	-0.0850	117	0.0820
13	-0.0210	64	-0.4720	118	0.0820
14	-0.1650	65	-0.4700	119	0.0820
15	-0.2420	66	0.1440	120	-0.1610
16	-0.1610	67	0.1220	121	0.0790
17	-0.2120	68	0.0980	122	0.0820
18	-0.0920	69	0.0730	123	0.0840
19	-0.0400	70	0.0410	124	-0.0630
20	-0.0040	71	0.0090	125	-0.0470
21	0.0240	72	-0.0410	126	0.0040
22	0.0420	73	-0.1250	127	-0.0270
23	0.0440	74	-0.4900	128	0.0020
24	0.0410	75	0.1360	129	-0.1700
25	0.0310	76	0.1000	135	0.0090
26	0.0130	77	0.0630	136	0.0090
27	-0.0310	78	0.0240	137	0.0040
28	-0.1750	79	-0.0230	138	0.1370
29	-0.2870	80	-0.0760	139	0.1380
30	-0.0550	81	-0.2030	140	0.1410
32	0.0320	82	-0.5000	141	0.1840
33	0.0450	83	0.1080	142	0.1850
34	0.0550	84	0.0660	143	0.1840
35	0.0580	85	0.0080	145	0.0030
36	0.0550	86	-0.0370	147	0.1850
37	0.0500	87	-0.0820	151	-0.0470
38	0.0350	88	-0.1750	152	-0.2170
39	0.0100	89	-0.5130	153	-0.2880
40	-0.0370	90	0.0120	154	-0.3760
41	-0.1550	91	-0.0130	155	0.0640
42	-0.3450	92	-0.0550	156	0.1080
43	0.1020	93	-0.0940	157	-0.0820
44	0.0990	94	-0.1630	158	0.4100
45	0.0890	95	-0.5140	159	0.2410
46	0.0870	96	-0.3680	160	0.1760
47	0.0790	97	-0.4530	161	0.0550
48	0.0680	98	0.0910	162	0.3440
49	0.0530	99	0.0580	163	0.2710
50	0.0320	100	-0.2000	164	0.1380
51	-0.0070	101	-0.2990	165	-0.0150

ORF	CP	ORF	CP	ORF	CP
166	0.4110	217	-0.1970	268	-0.2170
167	0.2480	218	-0.0420	269	0.1320
168	0.1990	219	0.0360	270	0.2140
169	0.0720	220	0.0120	271	-0.2780
170	0.1380	221	-0.6350	272	-0.2970
171	0.1440	222	-0.4190	273	0.1240
172	-0.0730	223	-0.1280	274	0.1960
173	-0.0240	224	-0.1660	275	0.4360
174	-0.1250	225	0.3520	276	0.3860
175	-0.3080	226	0.1880	277	0.2300
176	-0.3770	227	-0.6050	278	-0.7220
177	-0.2360	228	-0.5900	279	-0.6590
178	-0.3880	229	-0.5460	280	-0.5730
179	-0.3600	230	-0.4390	281	-0.4350
180	-0.3030	231	-0.1980	282	-0.2010
181	0.3010	232	-0.0370	283	-0.0430
182	0.4530	233	0.0260	284	0.0420
183	0.4450	234	0.0100	285	0.0070
184	0.6520	235	-0.2440	286	-0.2830
185	0.7430	236	-0.3680	287	-0.3290
186	0.8280	237	-0.2710	288	0.0790
187	0.9080	238	-0.2540	289	0.1990
188	0.9290	239	0.3260	290	0.1440
189	0.9960	240	0.2020	291	-0.5010
190	-0.2980	241	-0.5610	292	0.0230
191	-0.2940	242	-0.5620	325	0.0890
192	-0.2890	244	-0.3510	326	0.0910
193	-0.2960	245	-0.1200	327	0.0910
194	-0.3020	246	-0.0420	328	0.0900
195	-0.2990	247	0.0060	329	0.0930
196	-0.3070	248	-0.0030	330	0.0900
197	-0.2990	249	-0.1610	331	0.0930
198	-0.2950	250	-0.2090	332	0.0930
199	-0.2970	251	-0.1800	333	0.0900
200	-0.2930	252	-0.1160	334	0.0940
201	-0.2940	253	0.3320	335	0.0920
202	-0.3040	254	0.1890	336	0.0900
203	-0.2980	255	-0.5910	337	0.0890
204	-0.2960	256	-0.5730	338	0.0910
205	0.3090	257	-0.5500	339	0.0900
206	0.3370	258	-0.4420	340	0.0910
207	0.3360	259	-0.2080	341	0.0920
208	0.3390	260	-0.0550	350	0.0790
210	0.4260	261	0.0300	351	0.0800
211	0.3910	262	0.0240	352	0.0800
212	0.2460	263	-0.2240	353	0.0810
213	-0.7370	264	-0.1700	354	0.0810
214	-0.6520	265	0.1040	355	0.0790
215	-0.5840	266	0.1750		
216	-0.4120	267	-0.2290		